

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100418\
 Data File : VX005045.D
 Acq On : 05 Oct 2018 04:04
 Operator : JC/MD
 Sample : VX1004WBS04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 83 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBS04

Quant Time: Oct 05 05:20:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	208500	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	318172	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	302748	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	179005	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	160031	53.73	ug/l	0.00
Spiked Amount			Recovery	=	107.46%	
35) Dibromofluoromethane	5.49	113	131642	48.82	ug/l	0.00
Spiked Amount			Recovery	=	97.64%	
50) Toluene-d8	8.71	98	481377	53.70	ug/l	0.00
Spiked Amount			Recovery	=	107.40%	
62) 4-Bromofluorobenzene	11.14	95	174166	53.93	ug/l	0.00
Spiked Amount			Recovery	=	107.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	59262	20.846	ug/l	98
3) Chloromethane	1.32	50	67097	19.454	ug/l	100
4) Vinyl Chloride	1.40	62	68790	21.265	ug/l	98
5) Bromomethane	1.64	94	40315	21.017	ug/l	96
6) Chloroethane	1.71	64	40634	21.733	ug/l	100
7) Trichlorofluoromethane	1.92	101	85878	21.444	ug/l	96
8) Diethyl Ether	2.19	74	35924	20.649	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	50921	22.322	ug/l	95
10) Methyl Iodide	2.51	142	43679	14.309	ug/l	91
11) Tert butyl alcohol	3.08	59	92835	111.474	ug/l	99
12) 1,1-Dichloroethene	2.37	96	46302	20.495	ug/l	97
13) Acrolein	2.29	56	16611	28.034	ug/l	85
14) Allyl chloride	2.72	41	103714	21.040	ug/l	96
15) Acrylonitrile	3.15	53	208771	113.877	ug/l	97
16) Acetone	2.45	43	182953	105.214	ug/l	93
17) Carbon Disulfide	2.57	76	124307	18.311	ug/l	100
18) Methyl Acetate	2.78	43	113525	25.768	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	183439	23.540	ug/l	92
20) Methylene Chloride	2.85	84	55949	21.654	ug/l	89
21) trans-1,2-Dichloroethene	3.16	96	50877	20.572	ug/l #	83
22) Diisopropyl ether	3.87	45	194755	23.463	ug/l #	91
23) Vinyl Acetate	3.82	43	831456	109.431	ug/l	97
24) 1,1-Dichloroethane	3.70	63	105152	21.237	ug/l	99
25) 2-Butanone	4.70	43	269369	105.094	ug/l	95
26) 2,2-Dichloropropane	4.58	77	45056	13.068	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	57847	20.938	ug/l	95
28) Bromochloromethane	5.03	49	50661	21.727	ug/l	97
29) Tetrahydrofuran	5.16	42	177716	111.555	ug/l	99
30) Chloroform	5.21	83	96704	20.665	ug/l	99
31) Cyclohexane	5.57	56	80678	21.289	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	80988	21.192	ug/l	96
36) 1,1-Dichloropropene	5.79	75	70517	19.167	ug/l	92
37) Ethyl Acetate	4.85	43	96776	19.816	ug/l	98
38) Carbon Tetrachloride	5.78	117	68910	17.818	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100418\
 Data File : VX005045.D
 Acq On : 05 Oct 2018 04:04
 Operator : JC/MD
 Sample : VX1004WBS04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 83 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBS04

Quant Time: Oct 05 05:20:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	69975	18.626	ug/l	# 84
40) Benzene	6.14	78	227484	19.750	ug/l	92
41) Methacrylonitrile	5.06	41	53539	19.768	ug/l	97
42) 1,2-Dichloroethane	6.20	62	78187	19.202	ug/l	97
43) Isopropyl Acetate	6.46	43	134275	19.049	ug/l	96
44) Trichloroethene	7.21	130	56079	19.805	ug/l	99
45) 1,2-Dichloropropane	7.52	63	57811	20.467	ug/l	96
46) Dibromomethane	7.66	93	36890	20.781	ug/l	99
47) Bromodichloromethane	7.90	83	68721	20.677	ug/l	99
48) Methyl methacrylate	7.78	41	70861	22.149	ug/l	100
49) 1,4-Dioxane	7.76	88	33330	419.329	ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	497212	112.029	ug/l	99
52) Toluene	8.79	92	131929	20.845	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	70072	18.657	ug/l	92
54) cis-1,3-Dichloropropene	8.44	75	77750	19.764	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	56043	20.215	ug/l	94
56) Ethyl methacrylate	9.18	69	81821	20.009	ug/l	98
57) 1,3-Dichloropropane	9.37	76	92690	20.089	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	243601	110.411	ug/l	100
59) 2-Hexanone	9.50	43	388501	105.044	ug/l	94
60) Dibromochloromethane	9.59	129	54488	19.653	ug/l	99
61) 1,2-Dibromoethane	9.68	107	57775	19.459	ug/l	96
64) Tetrachloroethene	9.34	164	59009	19.804	ug/l	95
65) Chlorobenzene	10.14	112	146318	18.847	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	52229	19.137	ug/l	100
67) Ethyl Benzene	10.26	91	237142	19.240	ug/l	97
68) m/p-Xylenes	10.36	106	185894	38.596	ug/l	93
69) o-Xylene	10.70	106	88633	20.036	ug/l	99
70) Styrene	10.71	104	150578	19.561	ug/l	100
71) Bromoform	10.86	173	43976	18.821	ug/l	99
73) Isopropylbenzene	11.02	105	240331	21.300	ug/l	100
74) N-amyl acetate	10.90	43	113252	19.371	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	90041	19.604	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	97490	24.299	ug/l	86
77) Bromobenzene	11.26	156	66975	20.437	ug/l	99
78) n-propylbenzene	11.36	91	271972	21.008	ug/l	99
79) 2-Chlorotoluene	11.42	91	170200	21.092	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	204261	19.632	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	19875	14.961	ug/l	95
82) 4-Chlorotoluene	11.51	91	197663	20.811	ug/l	99
83) tert-Butylbenzene	11.77	119	195828	21.080	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	212174	19.776	ug/l	99
85) sec-Butylbenzene	11.94	105	237050	20.950	ug/l	100
86) p-Isopropyltoluene	12.07	119	209855	20.471	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	120588	19.706	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	122513	19.394	ug/l	97
89) n-Butylbenzene	12.39	91	176996	19.011	ug/l	99
90) Hexachloroethane	12.60	117	32605	19.102	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	122926	19.222	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	20334	20.163	ug/l	97

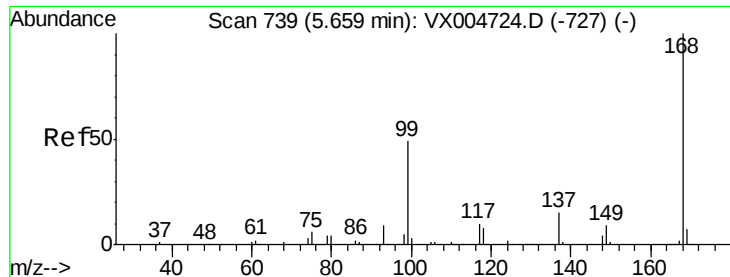
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX100418\
Data File : VX005045.D
Acq On : 05 Oct 2018 04:04
Operator : JC/MD
Sample : VX1004WBS04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 83 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBS04

Quant Time: Oct 05 05:20:35 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	85748	19.114	ug/l	99
94) Hexachlorobutadiene	13.79	225	40958	17.607	ug/l	99
95) Naphthalene	13.83	128	279842	19.243	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	91646	19.776	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005045.D

Acq: 05 Oct 2018 04:04

Instrument :

MSVOA_X

ClientSampleId :

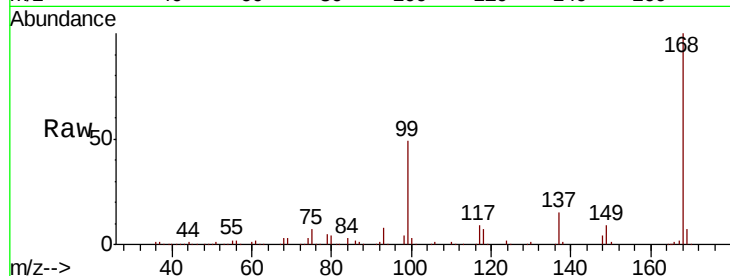
VX1004WBS04

Tot Ion:168 Resp: 208500

Ion Ratio Lower Upper

168 100

99 49.1 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

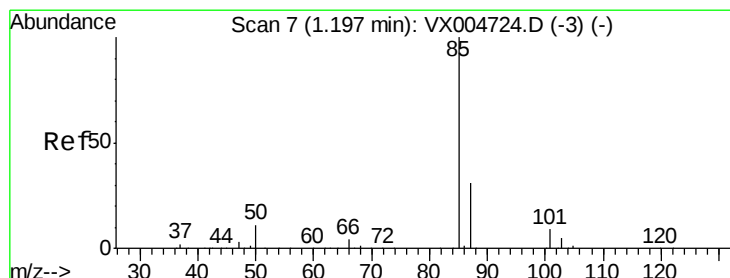
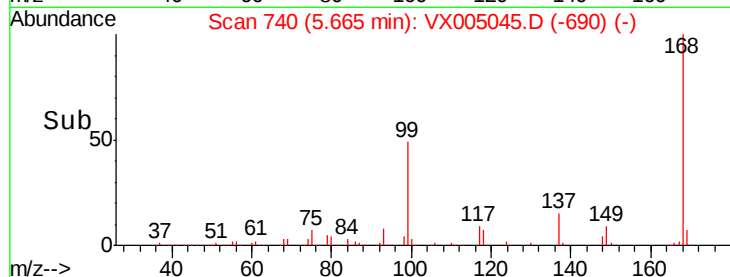
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 20.846 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX005045.D

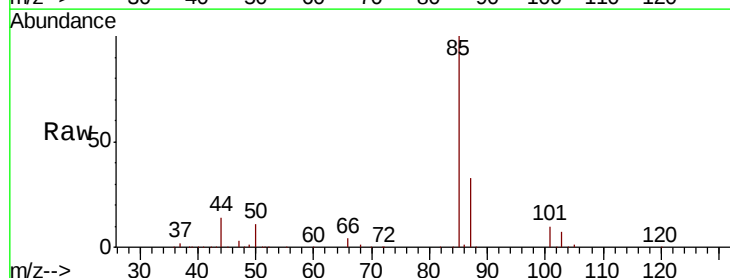
Acq: 05 Oct 2018 04:04

Tgt Ion: 85 Resp: 59262

Ion Ratio Lower Upper

85 100

87 32.7 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

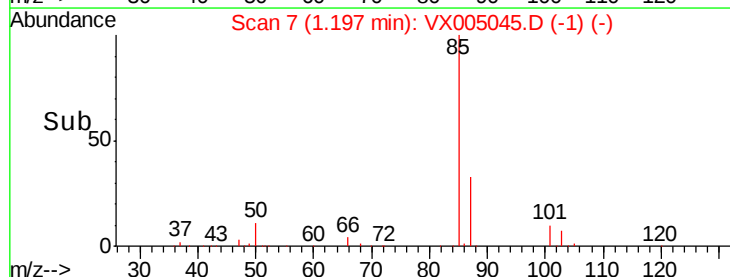
60000

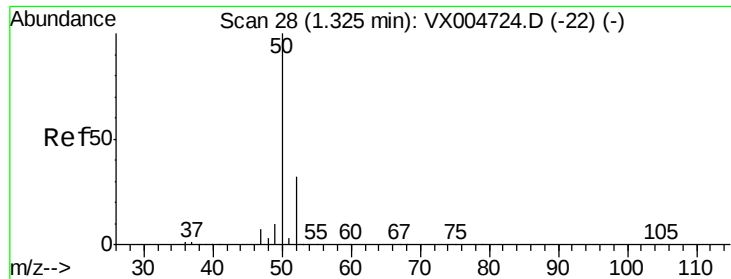
40000

20000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 19.454 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX005045.D

Acq: 05 Oct 2018 04:04

Instrument :

MSVOA_X

ClientSampleId :

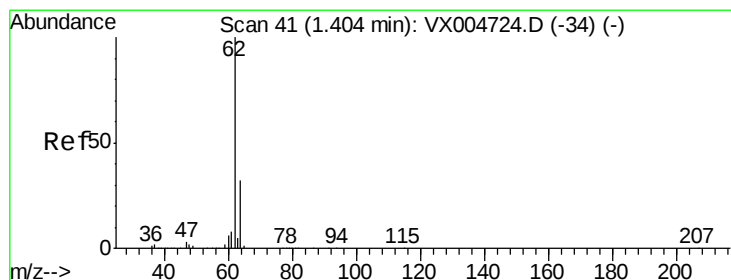
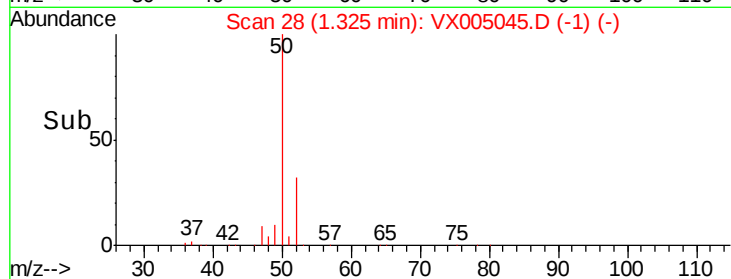
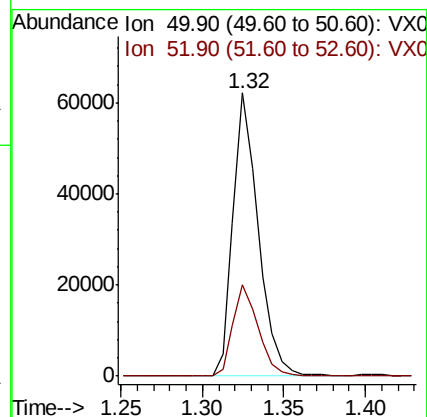
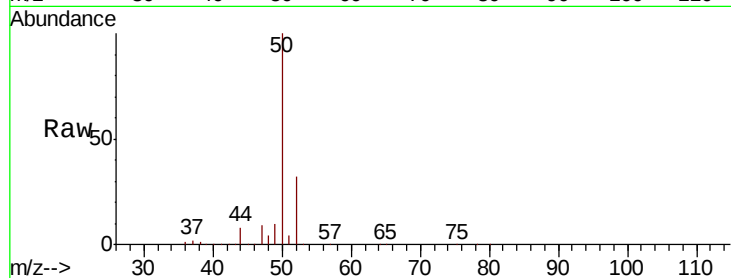
VX1004WBS04

Tot Ion: 50 Resp: 67097

Ion Ratio Lower Upper

50 100

52 32.2 25.8 38.6



#4

Vinyl Chloride

Concen: 21.265 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX005045.D

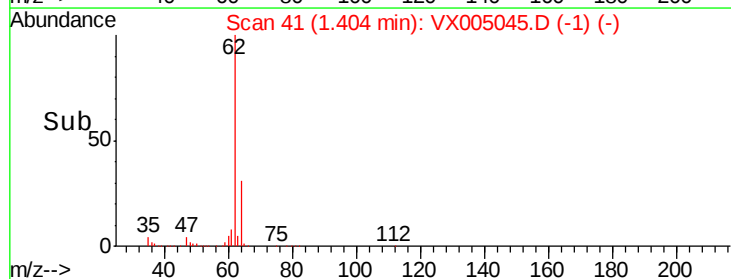
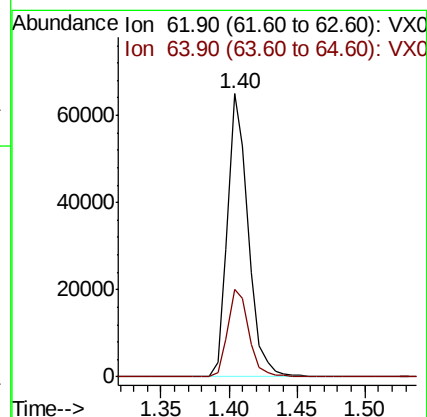
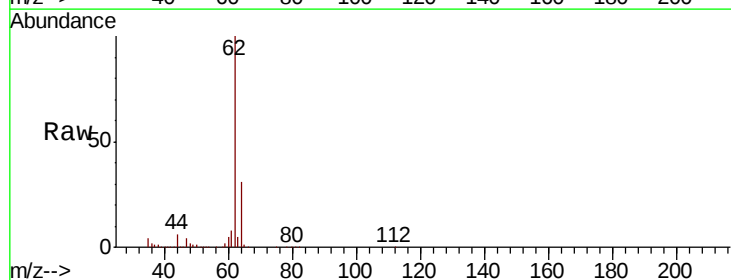
Acq: 05 Oct 2018 04:04

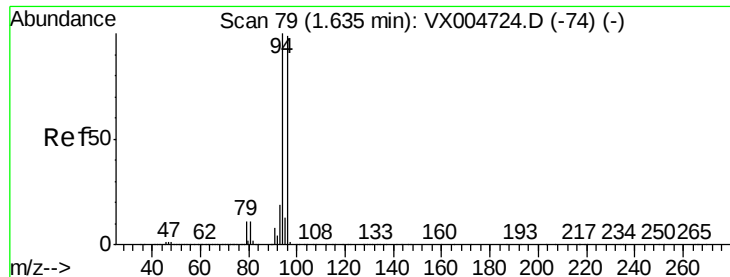
Tgt Ion: 62 Resp: 68790

Ion Ratio Lower Upper

62 100

64 30.8 25.5 38.3





#5

Bromomethane

Concen: 21.017 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX005045.D

Acq: 05 Oct 2018 04:04

Instrument :

MSVOA_X

ClientSampleId :

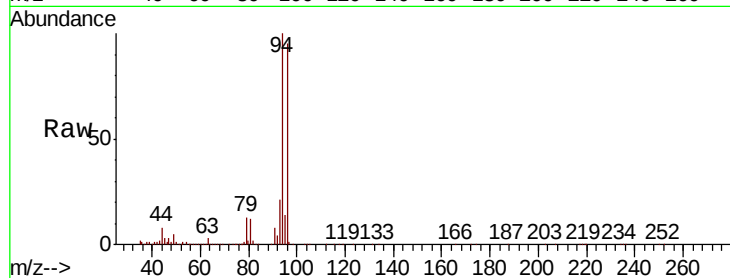
VX1004WBS04

Tot Ion: 94 Resp: 40315

Ion Ratio Lower Upper

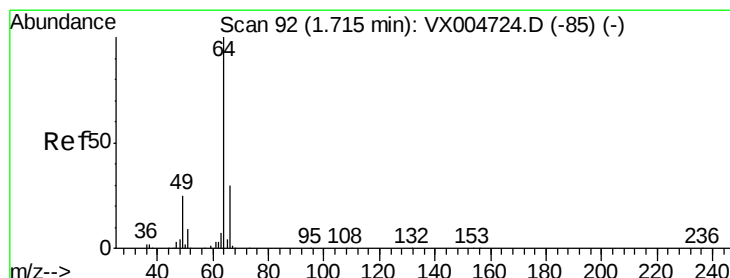
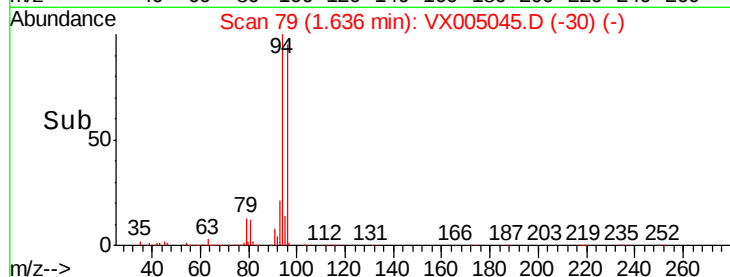
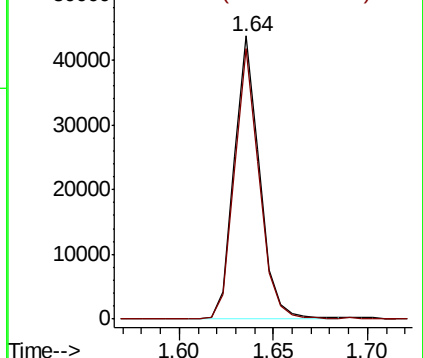
94 100

96 95.4 79.5 119.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 21.733 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX005045.D

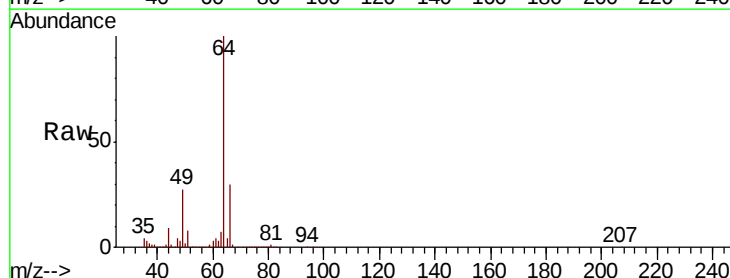
Acq: 05 Oct 2018 04:04

Tgt Ion: 64 Resp: 40634

Ion Ratio Lower Upper

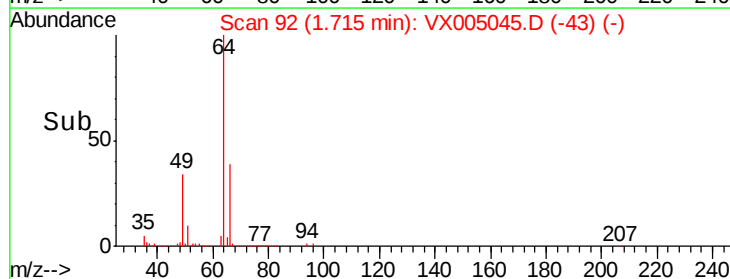
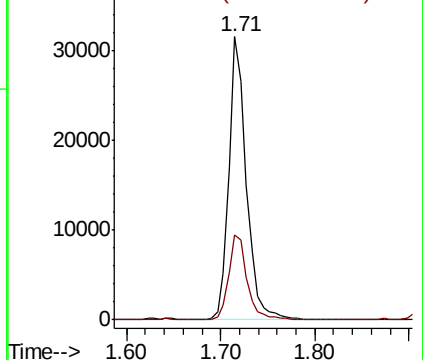
64 100

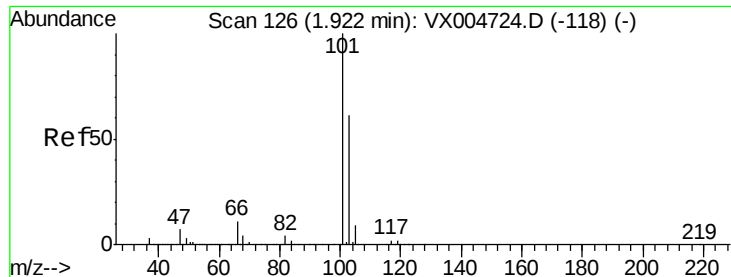
66 29.8 23.8 35.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



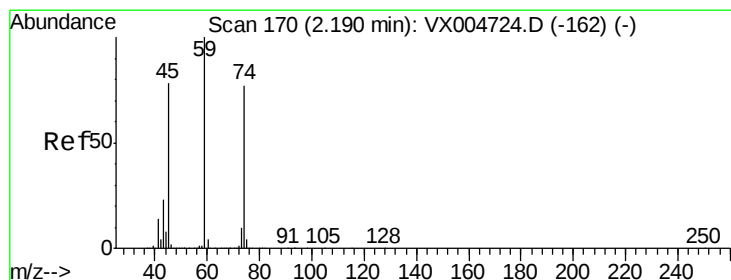
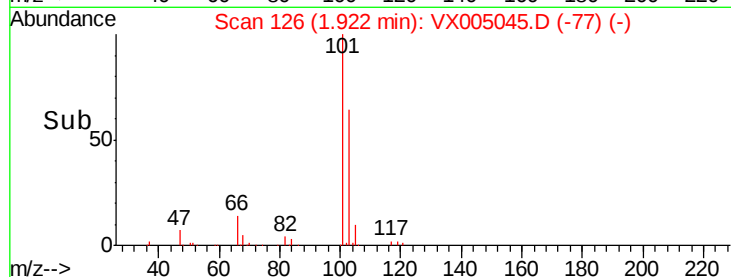
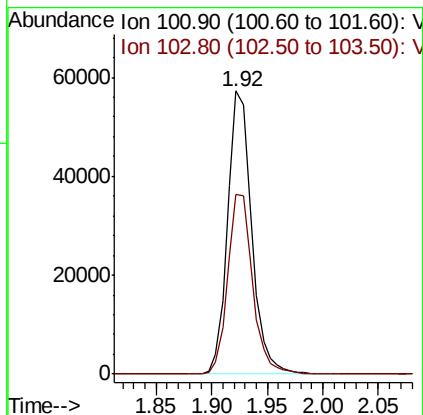
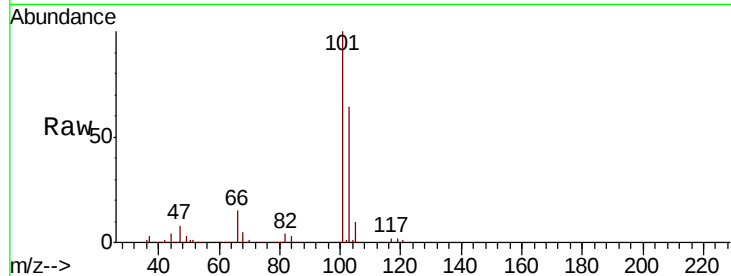


#7

Trichlorofluoromethane
Concen: 21.444 ug/l
RT: 1.92 min Scan# 126
Delta R.T. 0.00 min
Lab File: VX005045.D
Acq: 05 Oct 2018 04:04

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBS04

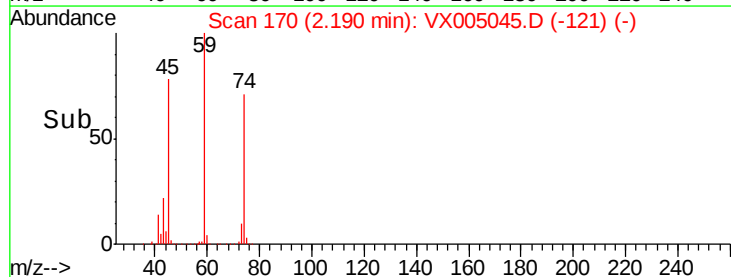
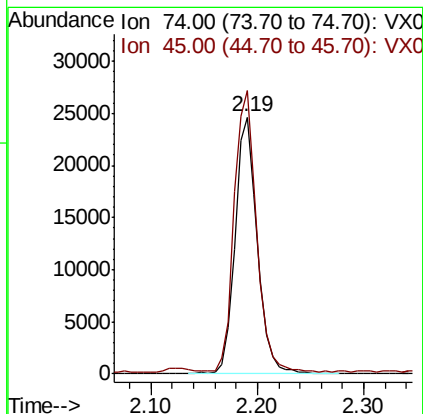
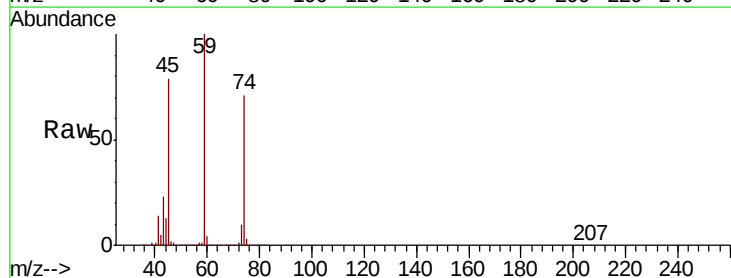
Tot Ion:101 Resp: 85878
Ion Ratio Lower Upper
101 100
103 63.6 48.4 72.6

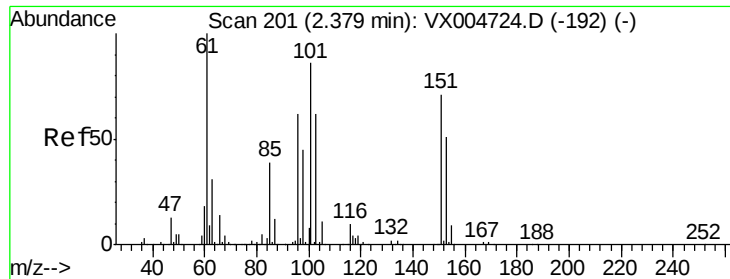


#8

Diethyl Ether
Concen: 20.649 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX005045.D
Acq: 05 Oct 2018 04:04

Tgt Ion: 74 Resp: 35924
Ion Ratio Lower Upper
74 100
45 110.2 52.5 157.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.322 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX005045.D

Acq: 05 Oct 2018 04:04

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBS04

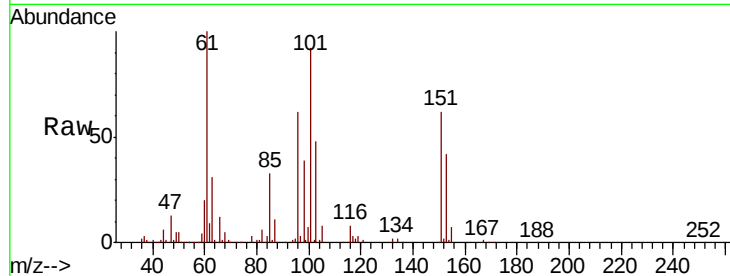
Tot Ion:101 Resp: 50921

Ion Ratio Lower Upper

101 100

85 41.2 35.9 53.9

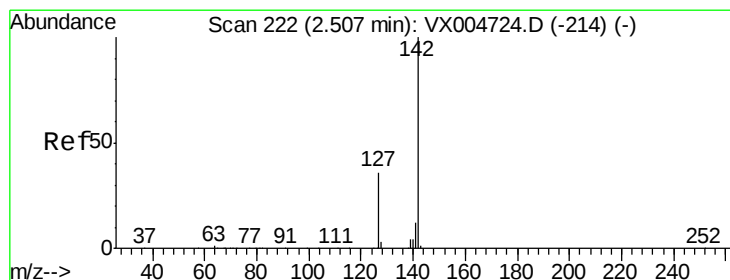
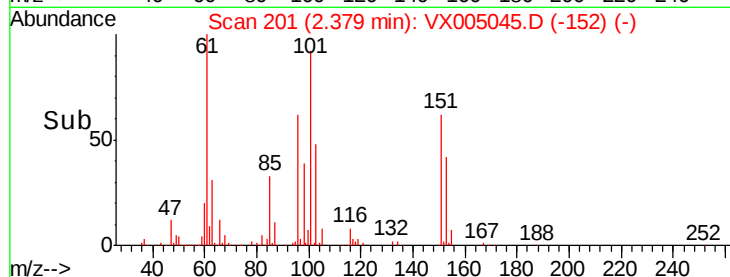
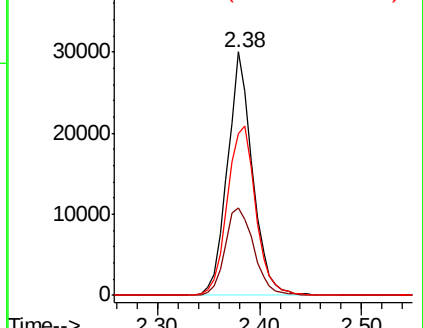
151 79.0 66.6 100.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 14.309 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX005045.D

Acq: 05 Oct 2018 04:04

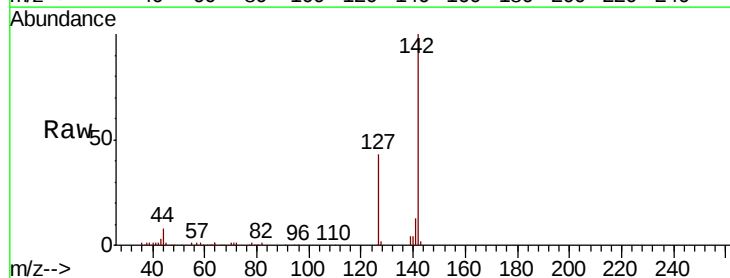
Tgt Ion:142 Resp: 43679

Ion Ratio Lower Upper

142 100

127 44.0 30.1 45.1

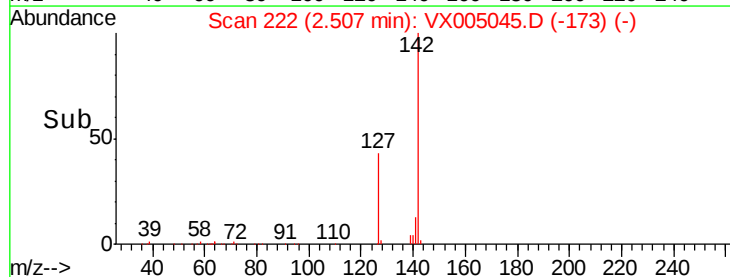
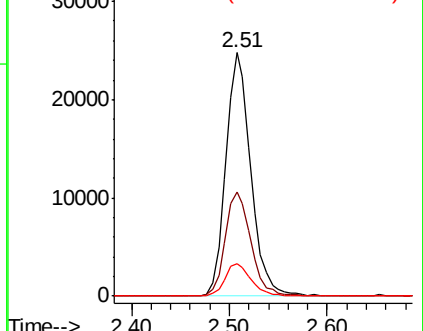
141 14.0 10.1 15.1

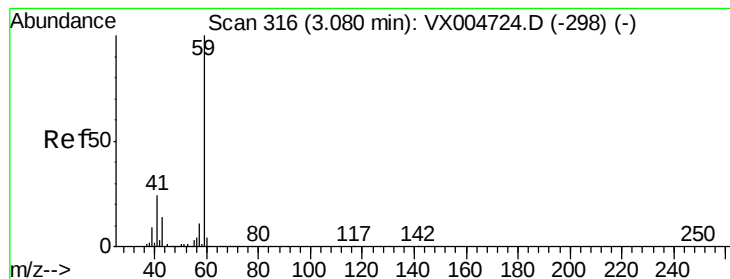


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



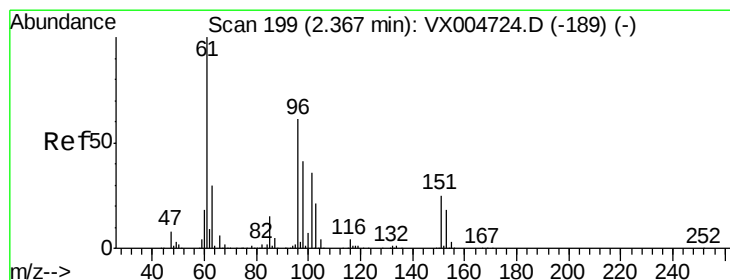
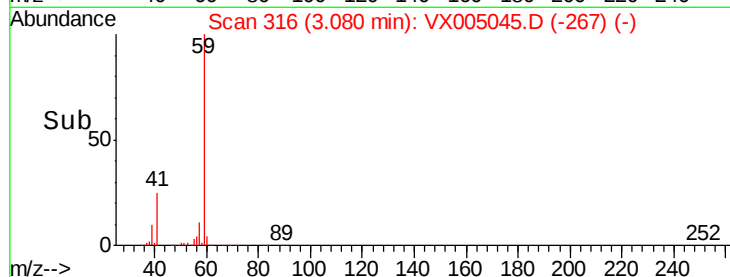
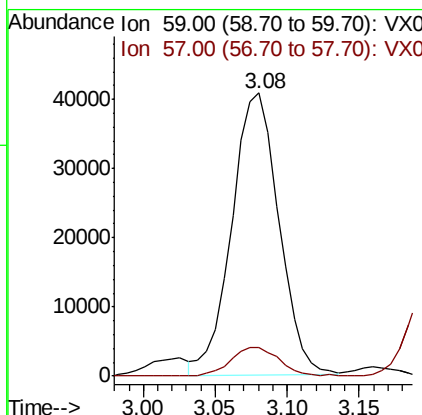
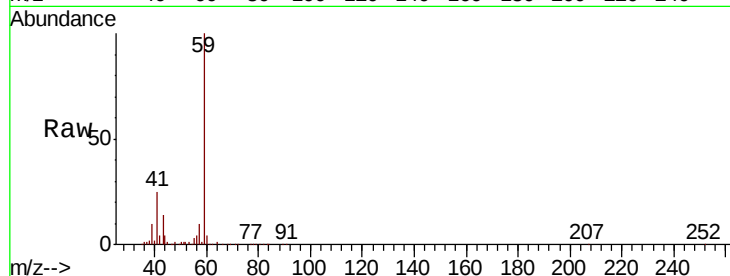


#11

Tert butyl alcohol
 Concen: 111.474 ug/l
 RT: 3.08 min Scan# 316
 Delta R.T. 0.00 min
 Lab File: VX005045.D
 Acq: 05 Oct 2018 04:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBS04

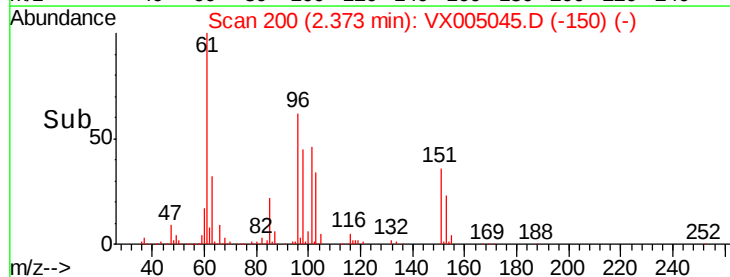
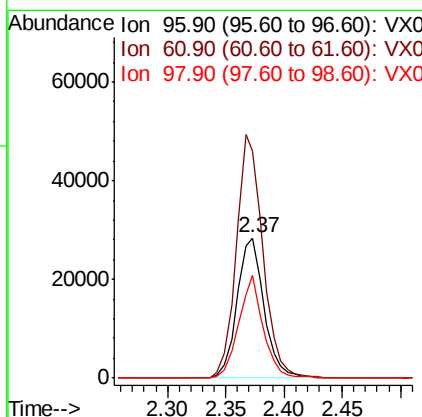
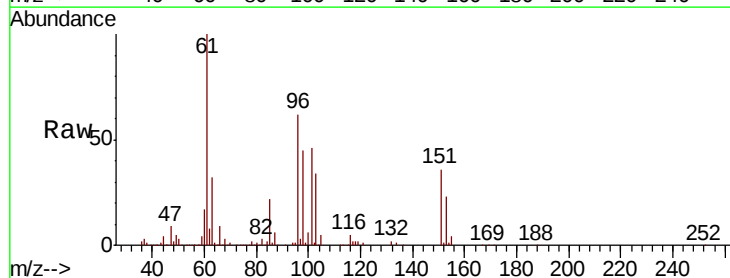
Tot Ion: 59 Resp: 92835
 Ion Ratio Lower Upper
 59 100
 57 10.9 8.6 12.8

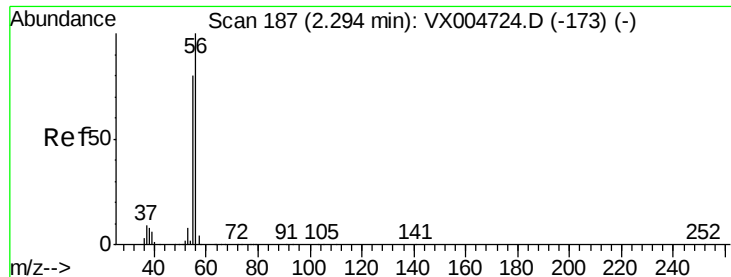


#12

1,1-Dichloroethene
 Concen: 20.495 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.01 min
 Lab File: VX005045.D
 Acq: 05 Oct 2018 04:04

Tgt Ion: 96 Resp: 46302
 Ion Ratio Lower Upper
 96 100
 61 161.8 130.2 195.4
 98 73.7 53.4 80.0





#13

Acrolein

Concen: 28.034 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX005045.D

Acq: 05 Oct 2018 04:04

Instrument :

MSVOA_X

ClientSampleId :

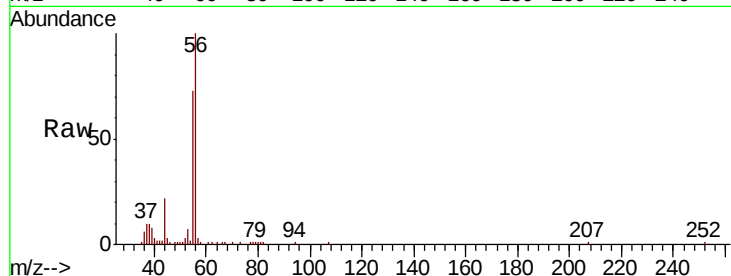
VX1004WBS04

Tot Ion: 56 Resp: 16611

Ion Ratio Lower Upper

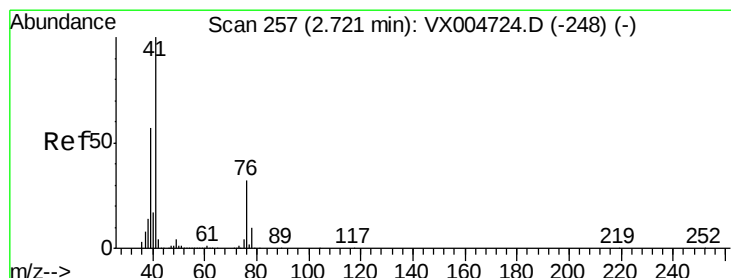
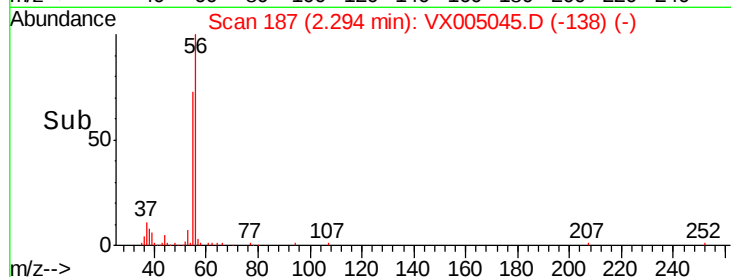
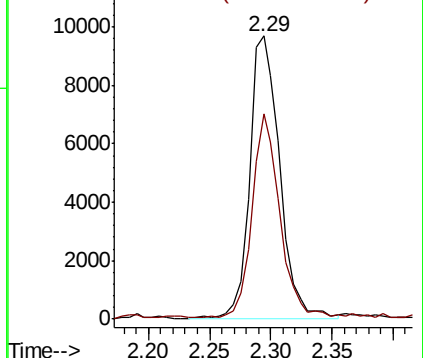
56 100

55 66.5 63.4 95.2



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 21.040 ug/l

RT: 2.72 min Scan# 257

Delta R.T. 0.00 min

Lab File: VX005045.D

Acq: 05 Oct 2018 04:04

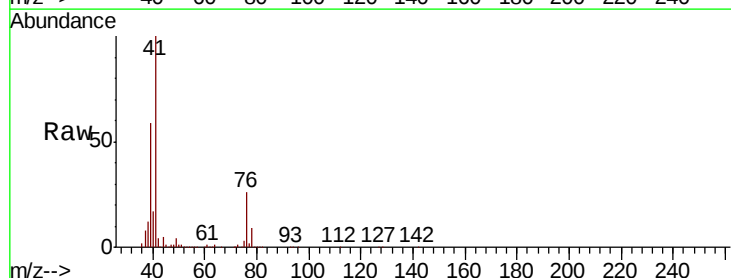
Tgt Ion: 41 Resp: 103714

Ion Ratio Lower Upper

41 100

39 58.0 44.1 66.1

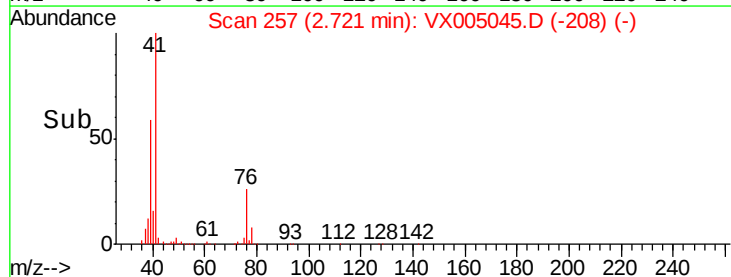
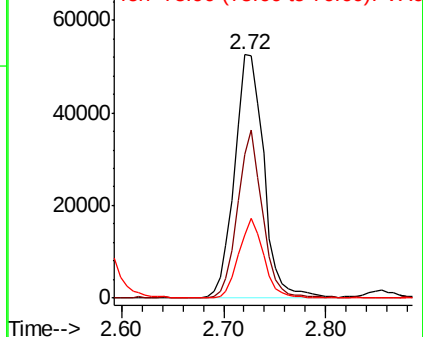
76 28.2 25.0 37.4

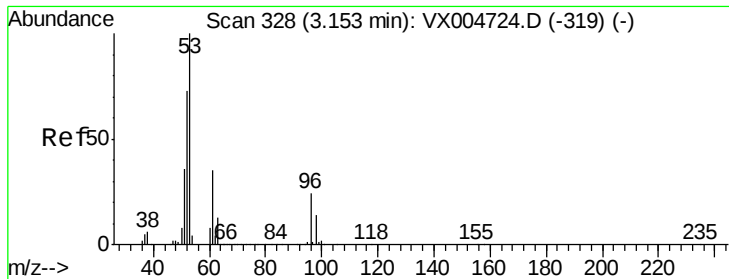


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 113.877 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX005045.D

Acq: 05 Oct 2018 04:04

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBS04

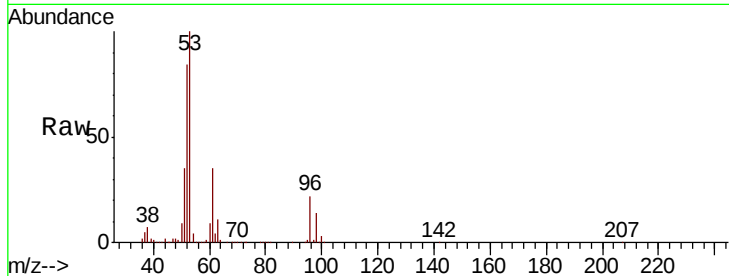
Tot Ion: 53 Resp: 208771

Ion Ratio Lower Upper

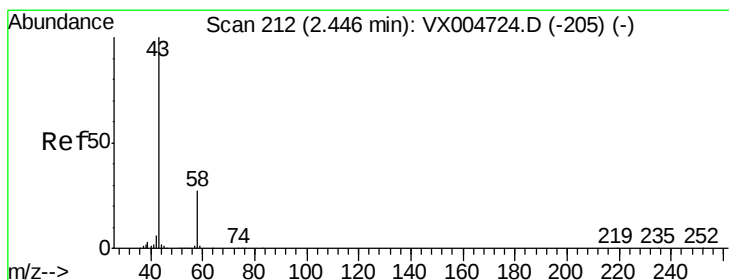
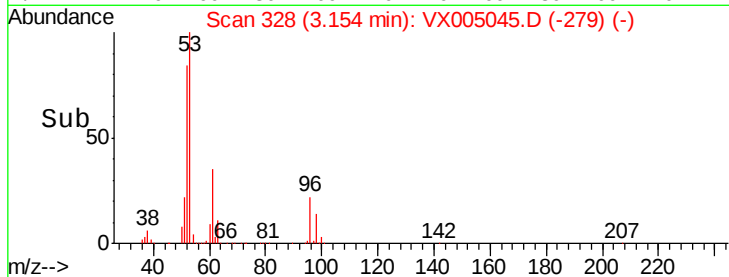
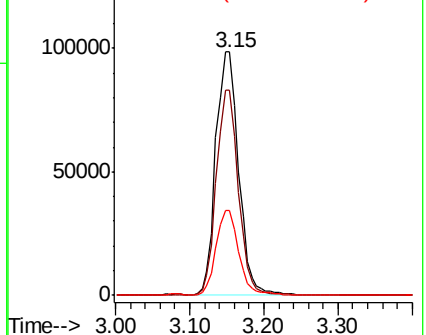
53 100

52 81.2 63.0 94.4

51 34.6 28.6 42.8



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 105.214 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX005045.D

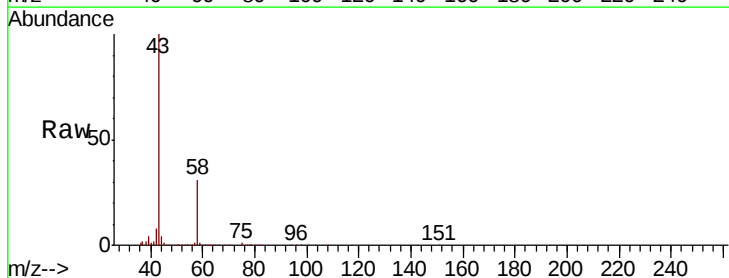
Acq: 05 Oct 2018 04:04

Tgt Ion: 43 Resp: 182953

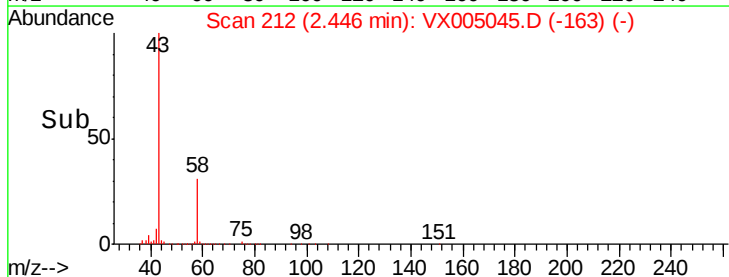
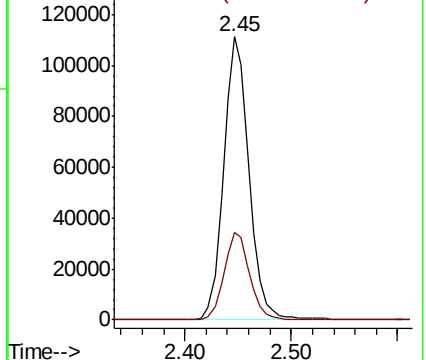
Ion Ratio Lower Upper

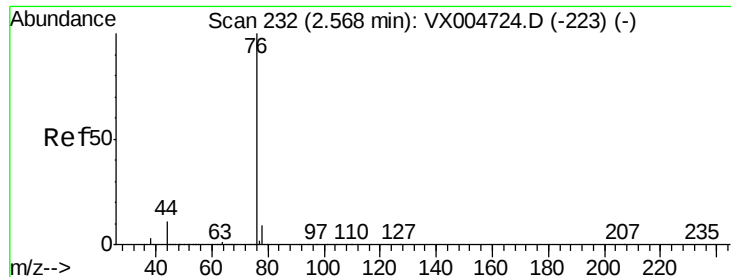
43 100

58 30.9 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 18.311 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX005045.D

Acq: 05 Oct 2018 04:04

Instrument :

MSVOA_X

ClientSampleId :

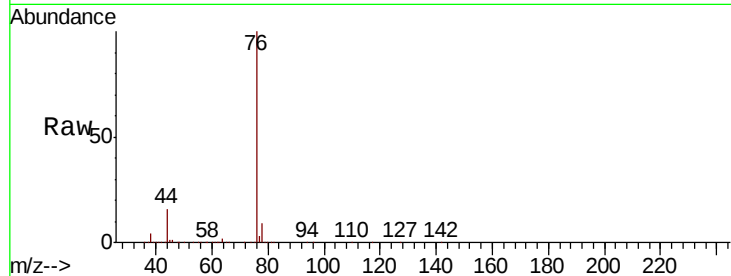
VX1004WBS04

Tot Ion: 76 Resp: 124307

Ion Ratio Lower Upper

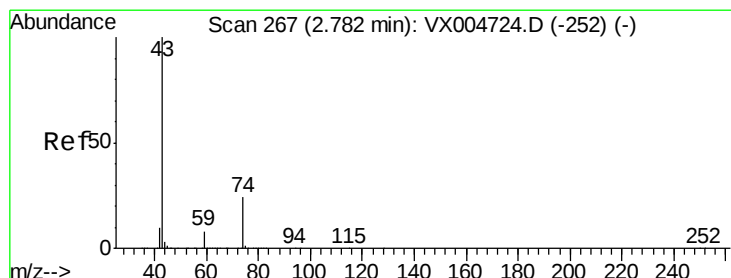
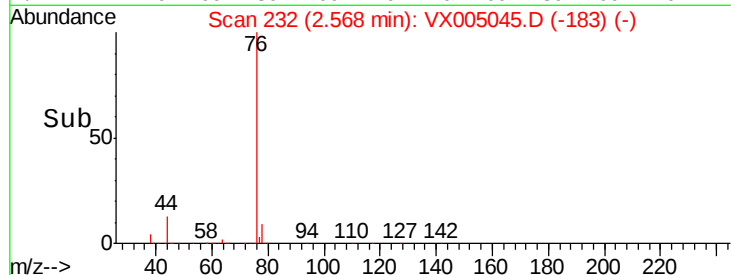
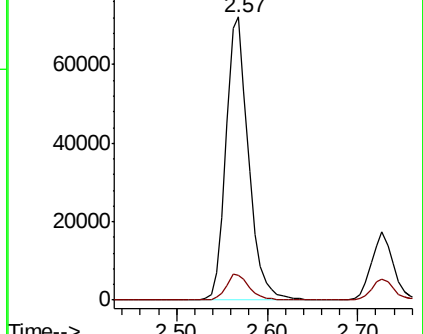
76 100

78 8.8 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 25.768 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX005045.D

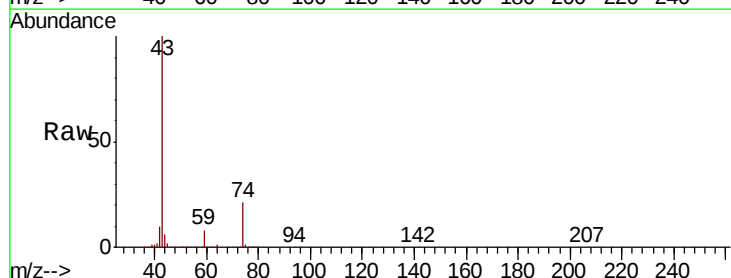
Acq: 05 Oct 2018 04:04

Tgt Ion: 43 Resp: 113525

Ion Ratio Lower Upper

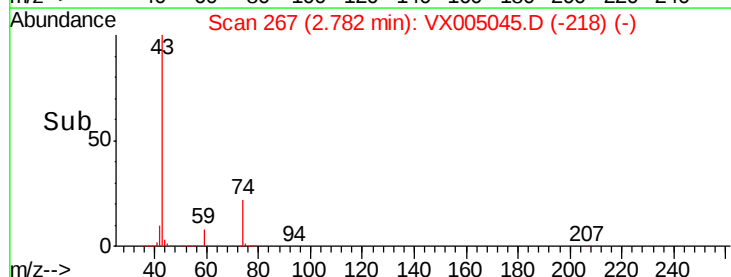
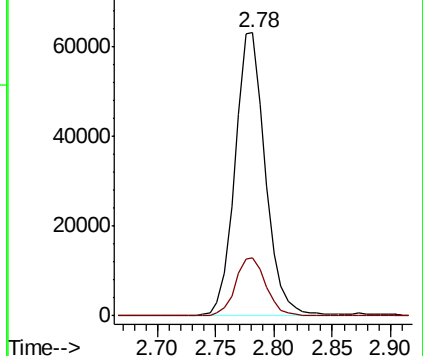
43 100

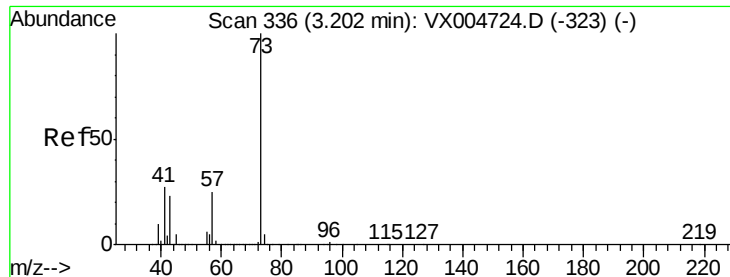
74 20.8 17.8 26.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



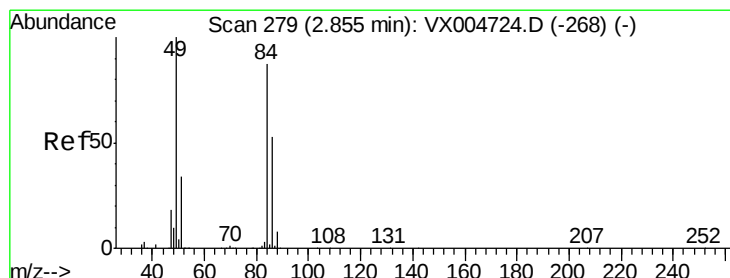
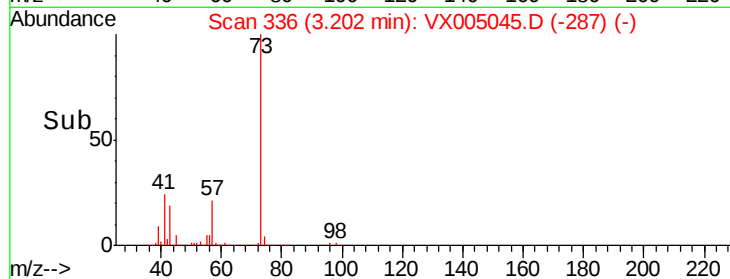
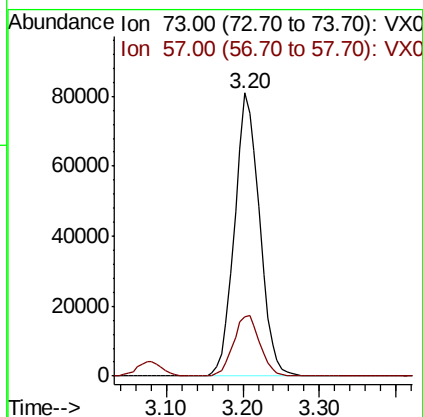
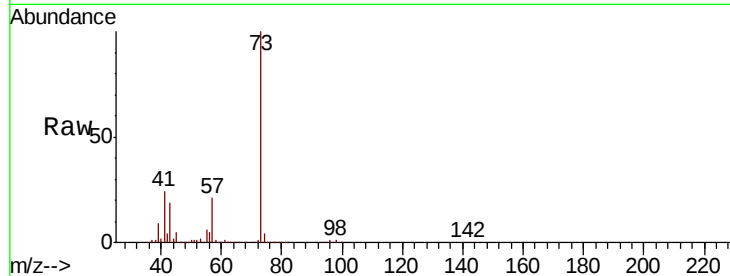


#19

Methyl tert-butyl Ether
 Concen: 23.540 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. 0.00 min
 Lab File: VX005045.D
 Acq: 05 Oct 2018 04:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBS04

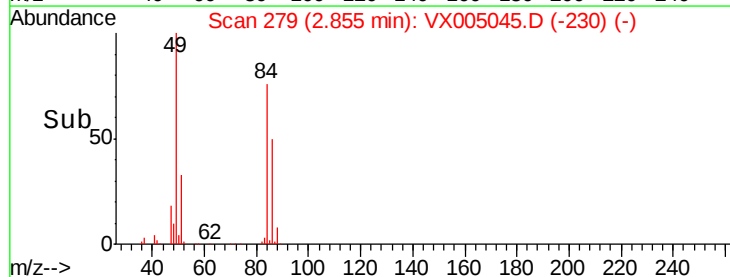
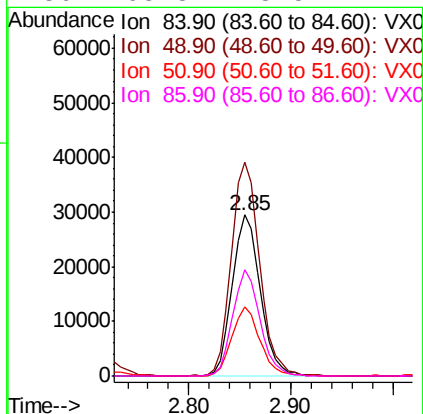
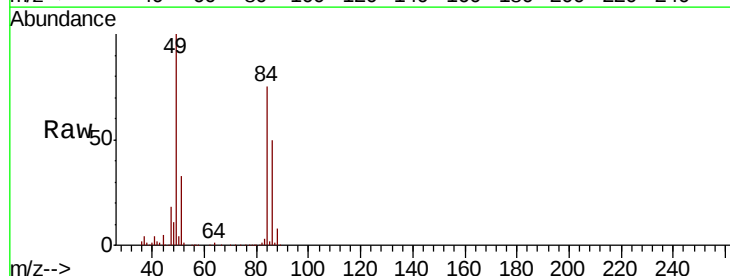
Tot Ion: 73 Resp: 183439
 Ion Ratio Lower Upper
 73 100
 57 20.9 19.9 29.9

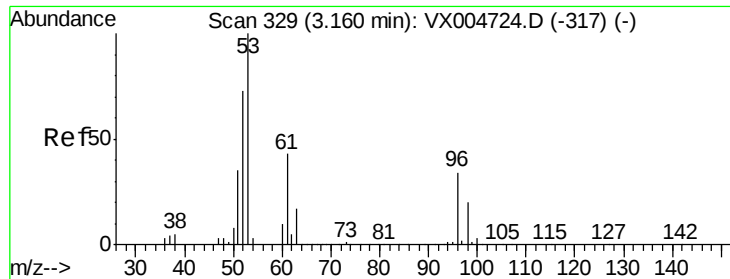


#20

Methylene Chloride
 Concen: 21.654 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX005045.D
 Acq: 05 Oct 2018 04:04

Tgt Ion: 84 Resp: 55949
 Ion Ratio Lower Upper
 84 100
 49 132.6 92.3 138.5
 51 42.8 31.8 47.6
 86 65.8 48.5 72.7





#21

trans-1,2-Dichloroethene

Concen: 20.572 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX005045.D

Acq: 05 Oct 2018 04:04

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBS04

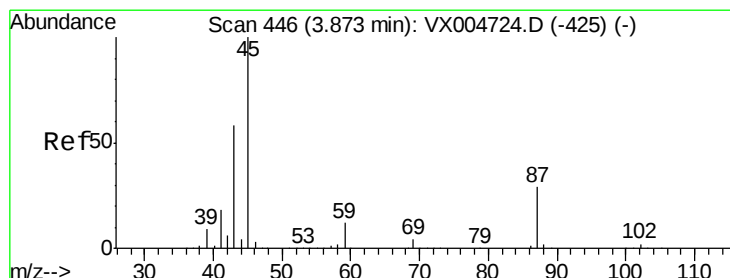
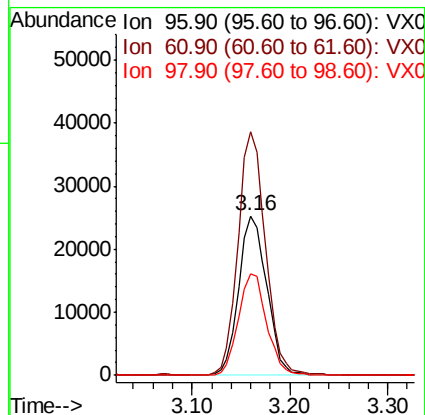
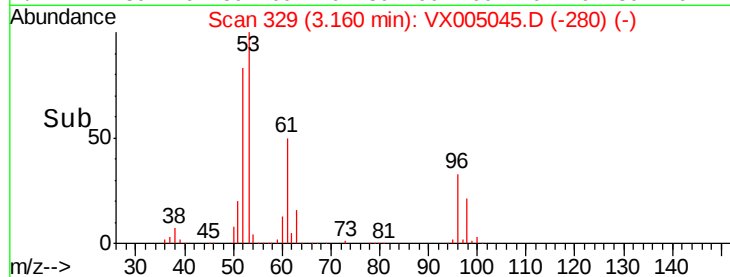
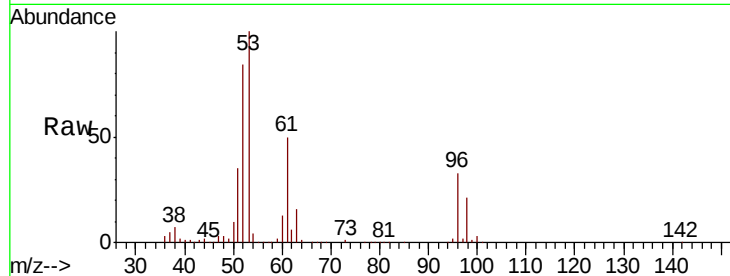
Tot Ion: 96 Resp: 50877

Ion Ratio Lower Upper

96 100

61 152.3 101.0 151.6#

98 63.4 47.2 70.8



#22

Diisopropyl ether

Concen: 23.463 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX005045.D

Acq: 05 Oct 2018 04:04

Tgt Ion: 45 Resp: 194755

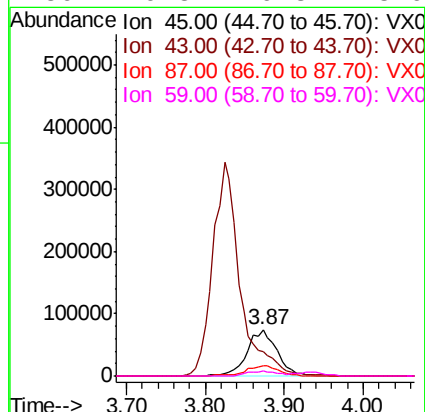
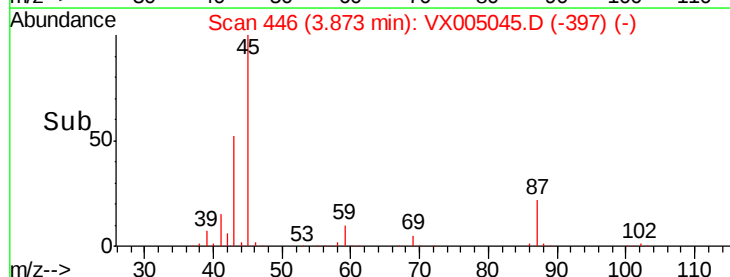
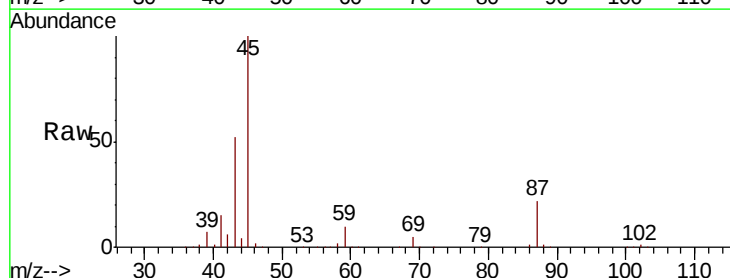
Ion Ratio Lower Upper

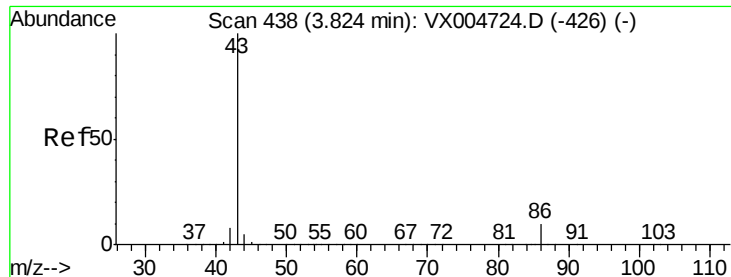
45 100

43 51.8 46.7 70.1

87 22.2 22.9 34.3#

59 9.8 9.3 13.9





#23

Vinyl Acetate

Concen: 109.431 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX005045.D

Acq: 05 Oct 2018 04:04

Instrument :

MSVOA_X

ClientSampleId :

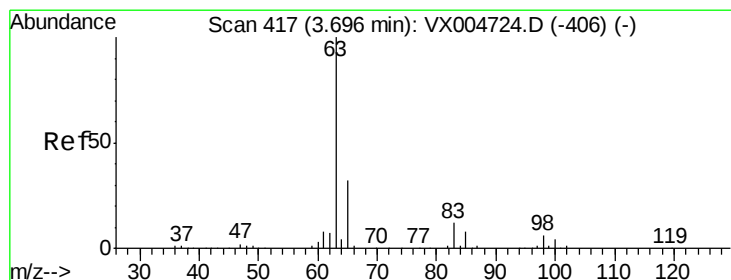
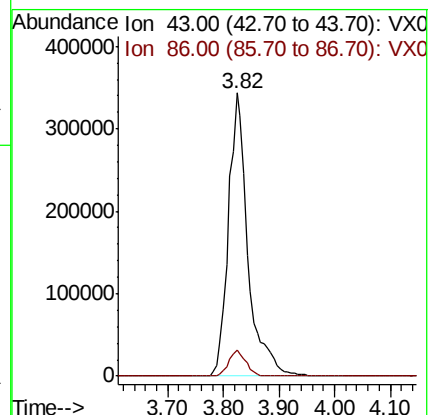
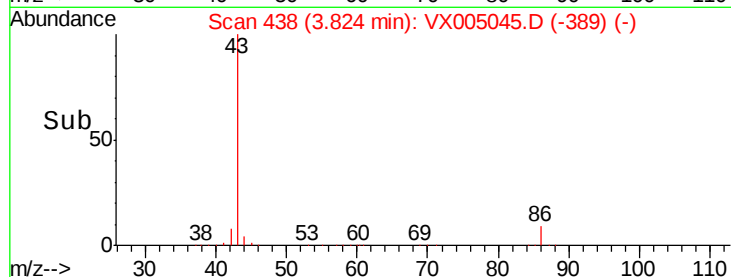
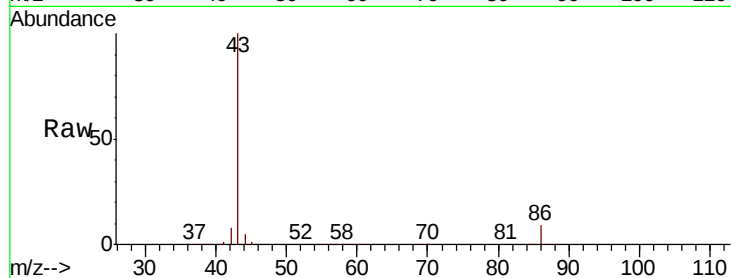
VX1004WBS04

Tot Ion: 43 Resp: 831456

Ion Ratio Lower Upper

43 100

86 9.0 8.1 12.1



#24

1,1-Dichloroethane

Concen: 21.237 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX005045.D

Acq: 05 Oct 2018 04:04

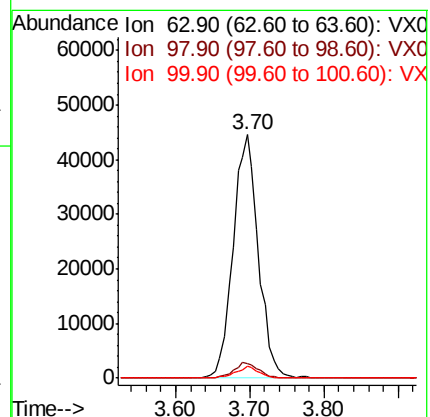
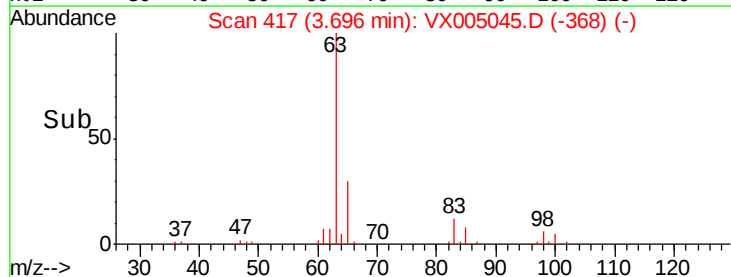
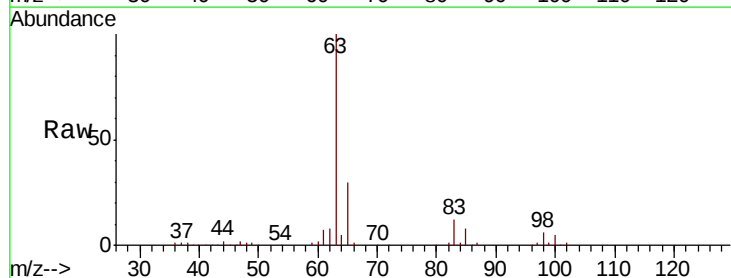
Tgt Ion: 63 Resp: 105152

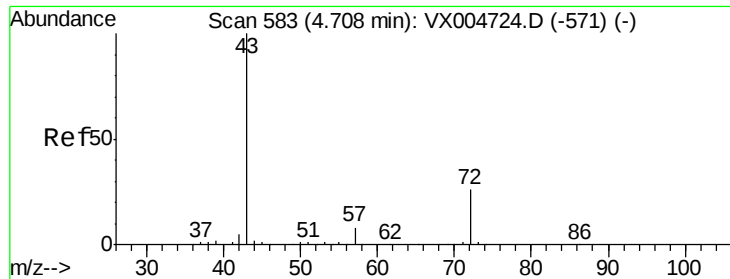
Ion Ratio Lower Upper

63 100

98 6.1 3.0 9.2

100 4.7 2.0 5.8





#25

2-Butanone

Concen: 105.094 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX005045.D

Acq: 05 Oct 2018 04:04

Instrument :

MSVOA_X

ClientSampleId :

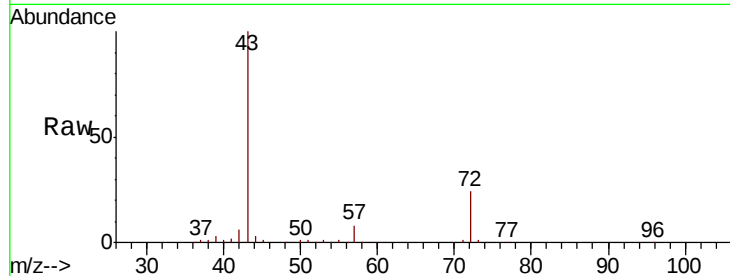
VX1004WBS04

Tot Ion: 43 Resp: 269369

Ion Ratio Lower Upper

43 100

72 23.7 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

100000

80000

60000

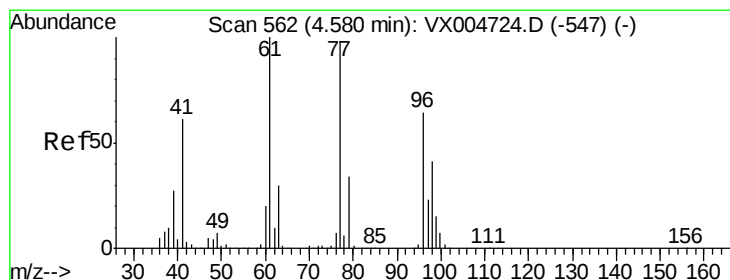
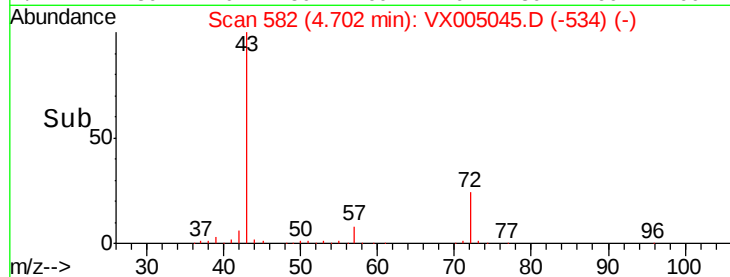
40000

20000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 13.068 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX005045.D

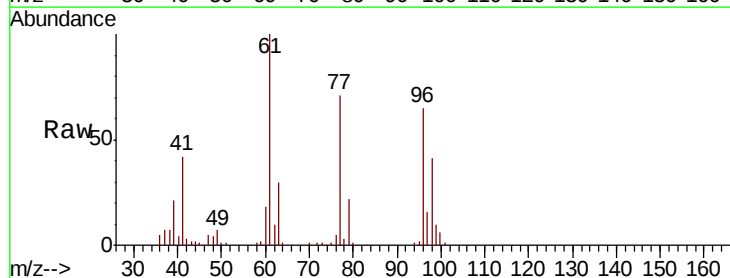
Acq: 05 Oct 2018 04:04

Tgt Ion: 77 Resp: 45056

Ion Ratio Lower Upper

77 100

97 26.3 12.6 37.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

15000

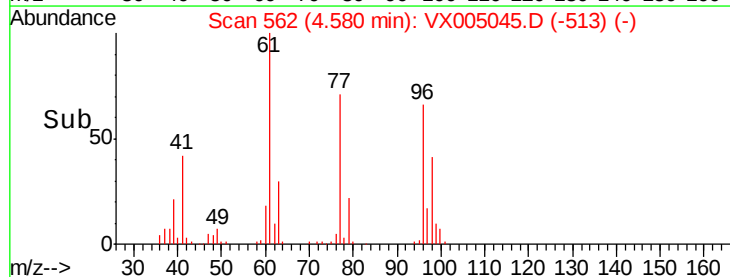
10000

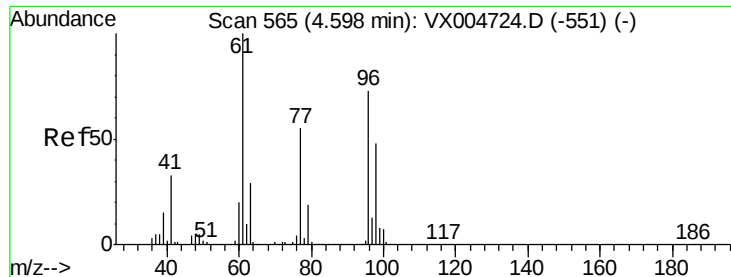
5000

0

4.40 4.50 4.60 4.70

Time-->



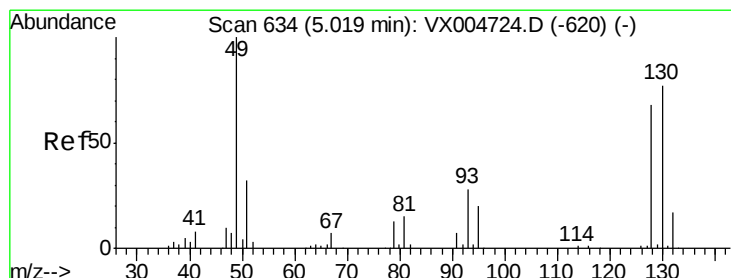
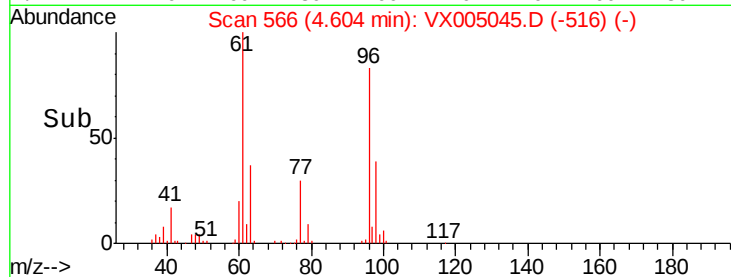
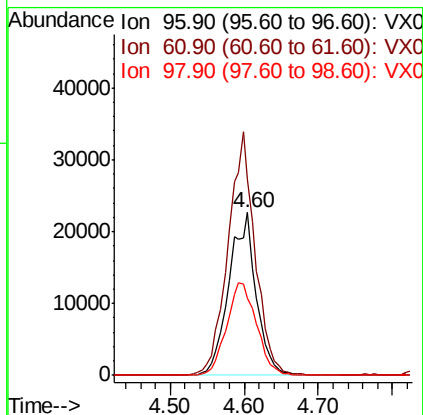
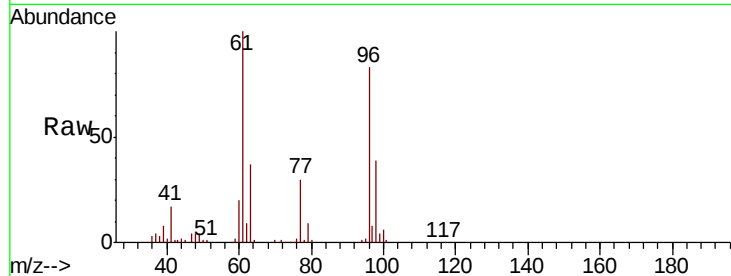


#27

cis-1,2-Dichloroethene
 Concen: 20.938 ug/l
 RT: 4.60 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: VX005045.D
 Acq: 05 Oct 2018 04:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBS04

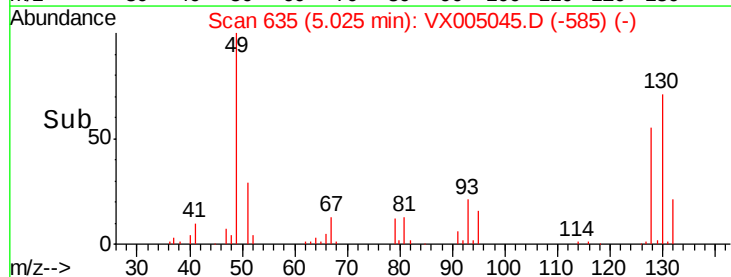
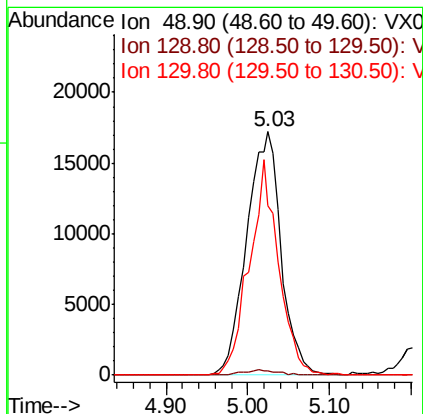
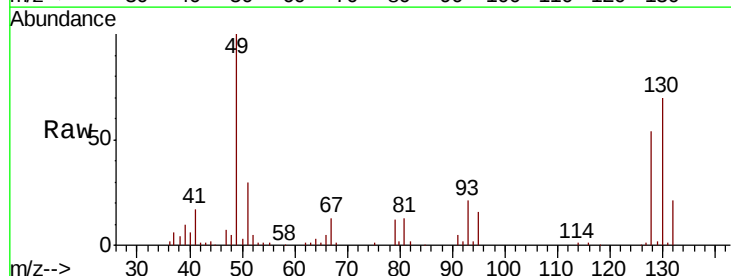
Tot Ion	Ratio	Lower	Upper
96	100		
61	147.3	0.0	285.8
98	62.2	0.0	136.2

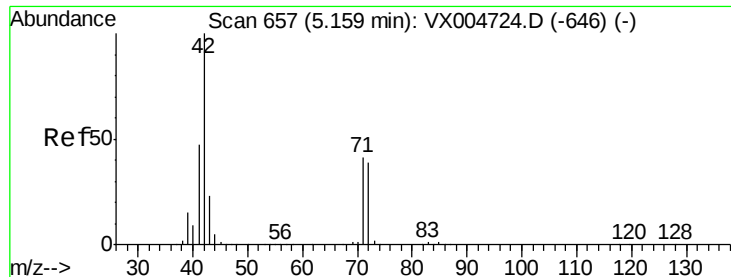


#28

Bromochloromethane
 Concen: 21.727 ug/l
 RT: 5.03 min Scan# 635
 Delta R.T. 0.01 min
 Lab File: VX005045.D
 Acq: 05 Oct 2018 04:04

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.2
130	74.8	62.0	93.0





#29

Tetrahydrofuran

Concen: 111.555 ug/l

RT: 5.16 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX005045.D

Acq: 05 Oct 2018 04:04

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBS04

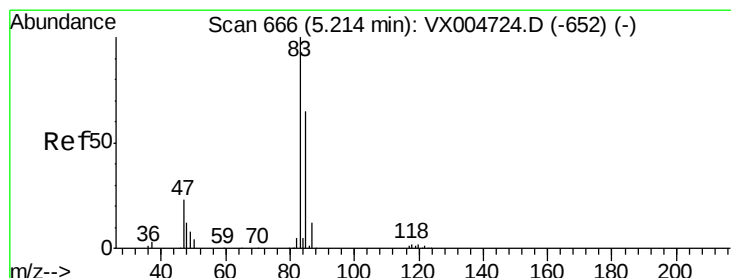
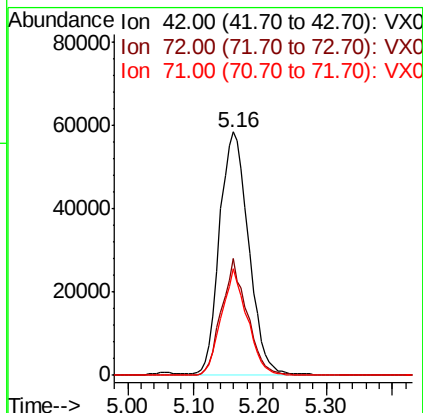
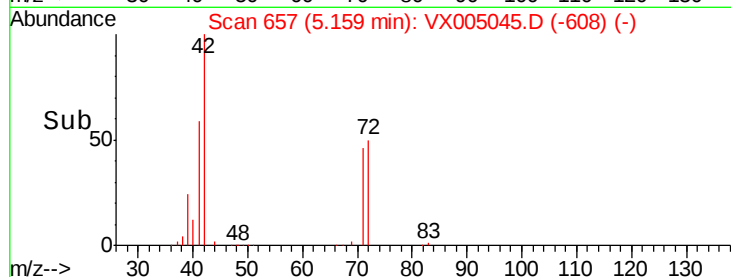
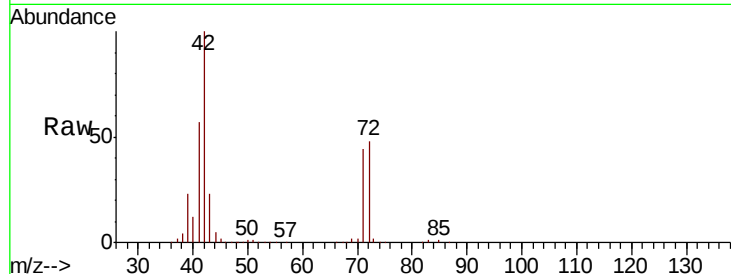
Tot Ion: 42 Resp: 177716

Ion Ratio Lower Upper

42 100

72 42.5 33.7 50.5

71 39.1 32.2 48.4



#30

Chloroform

Concen: 20.665 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX005045.D

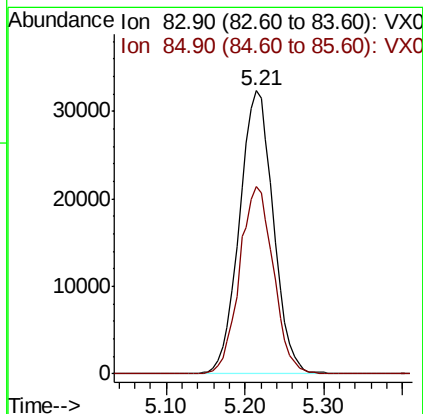
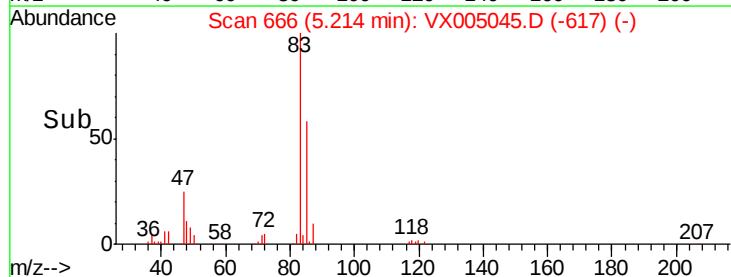
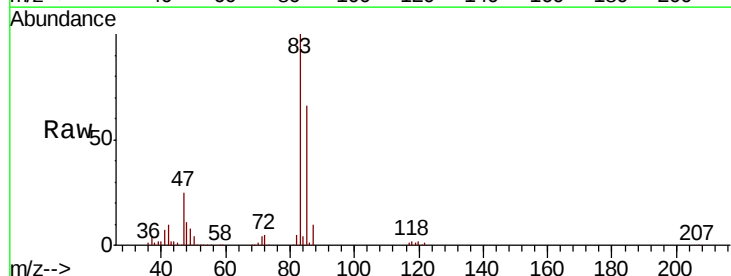
Acq: 05 Oct 2018 04:04

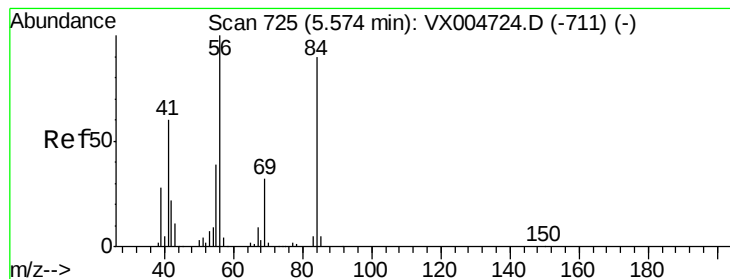
Tgt Ion: 83 Resp: 96704

Ion Ratio Lower Upper

83 100

85 66.0 52.4 78.6





#31

Cyclohexane

Concen: 21.289 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX005045.D

Acq: 05 Oct 2018 04:04

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBS04

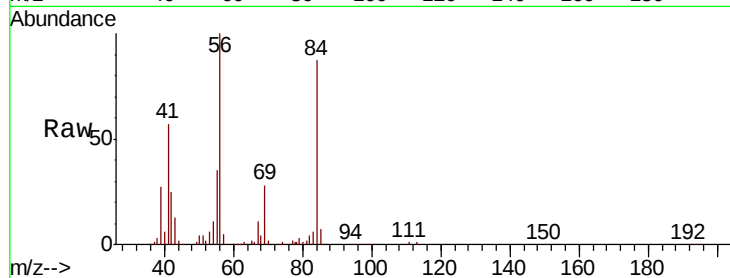
Tot Ion: 56 Resp: 80678

Ion Ratio Lower Upper

56 100

69 28.0 25.9 38.9

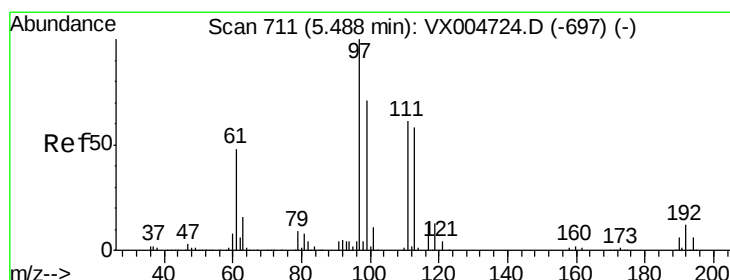
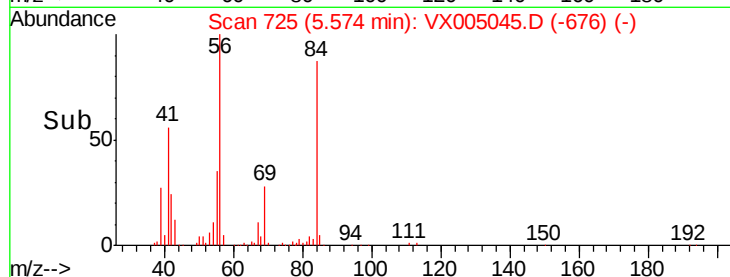
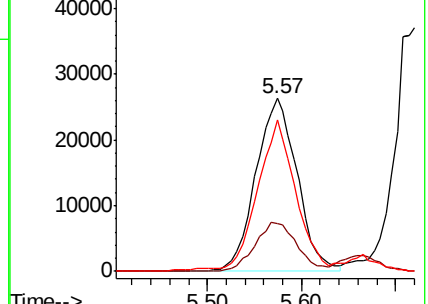
84 86.1 71.9 107.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 21.192 ug/l

RT: 5.49 min Scan# 711

Delta R.T. 0.00 min

Lab File: VX005045.D

Acq: 05 Oct 2018 04:04

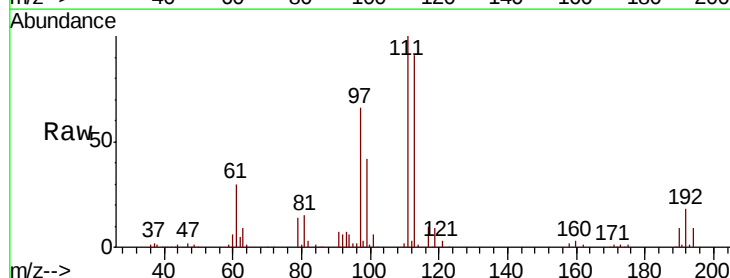
Tgt Ion: 97 Resp: 80988

Ion Ratio Lower Upper

97 100

99 64.4 54.6 82.0

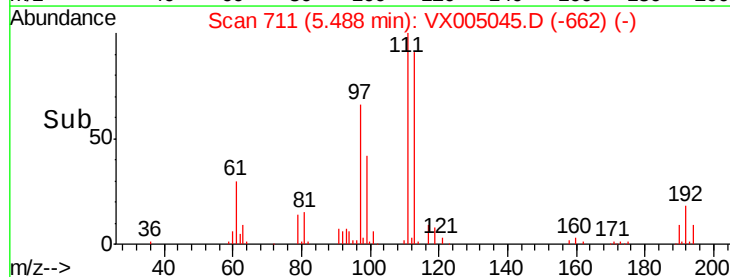
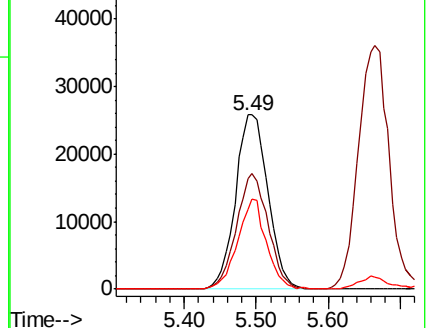
61 45.8 37.5 56.3

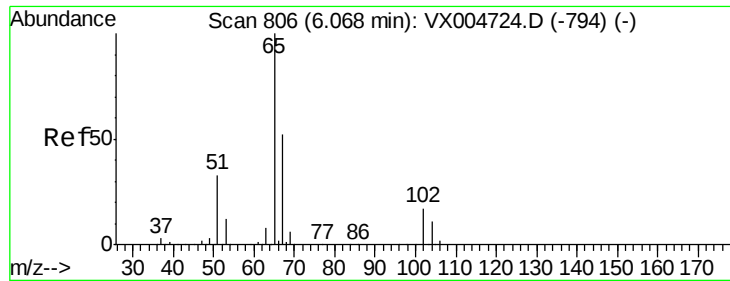


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 53.730 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX005045.D

Acq: 05 Oct 2018 04:04

Instrument :

MSVOA_X

ClientSampleId :

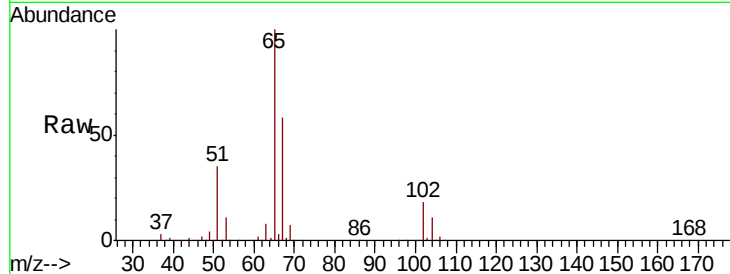
VX1004WBS04

Tot Ion: 65 Resp: 160031

Ion Ratio Lower Upper

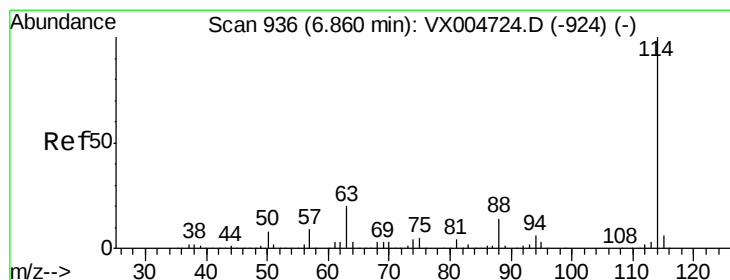
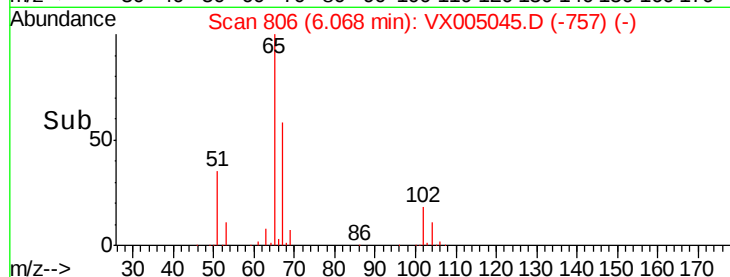
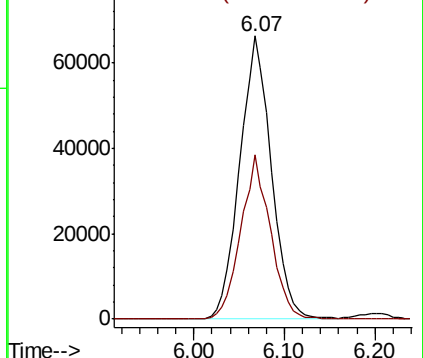
65 100

67 54.5 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX005045.D

Acq: 05 Oct 2018 04:04

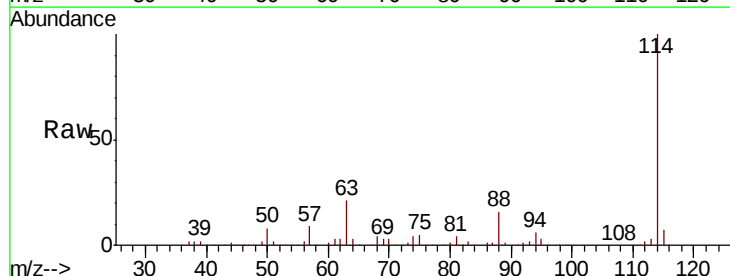
Tgt Ion: 114 Resp: 318172

Ion Ratio Lower Upper

114 100

63 20.7 0.0 39.8

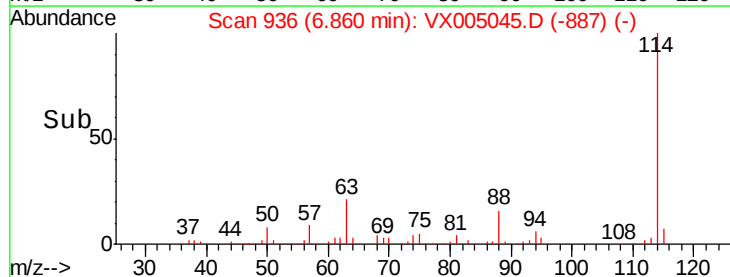
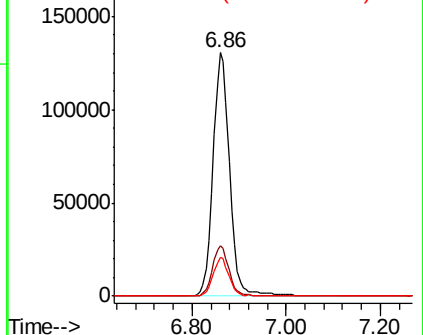
88 15.7 0.0 27.0

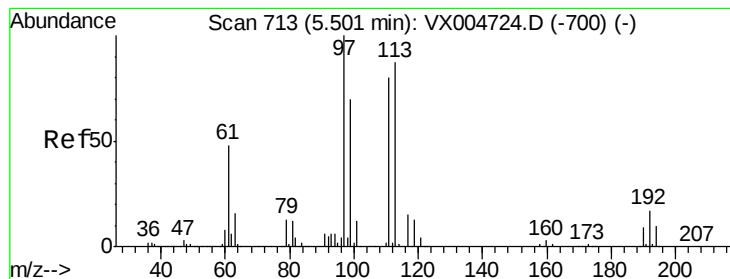


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.819 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX005045.D

Acq: 05 Oct 2018 04:04

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBS04

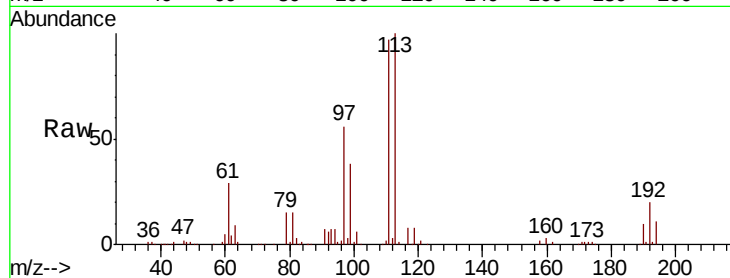
Tot Ion:113 Resp: 131642

Ion Ratio Lower Upper

113 100

111 102.4 77.0 115.4

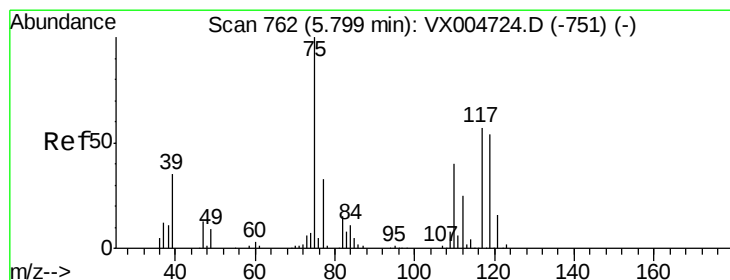
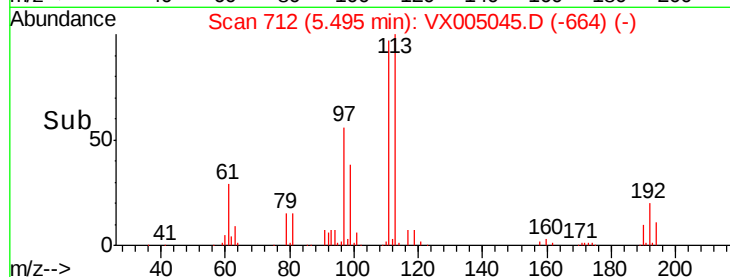
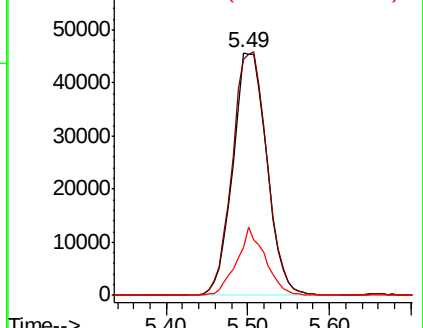
192 23.4 17.0 25.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.167 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX005045.D

Acq: 05 Oct 2018 04:04

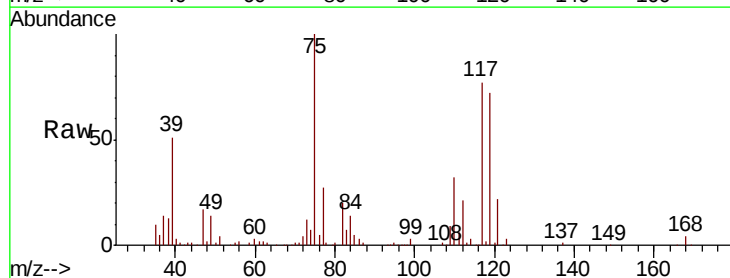
Tgt Ion: 75 Resp: 70517

Ion Ratio Lower Upper

75 100

110 35.1 20.0 59.9

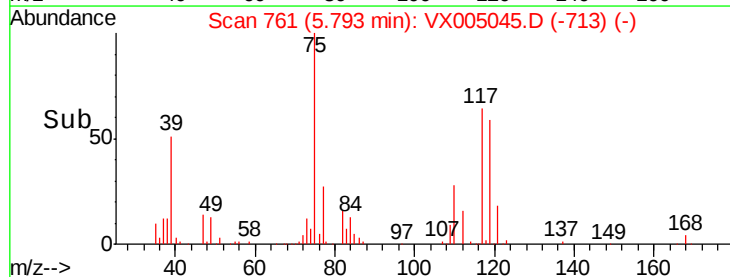
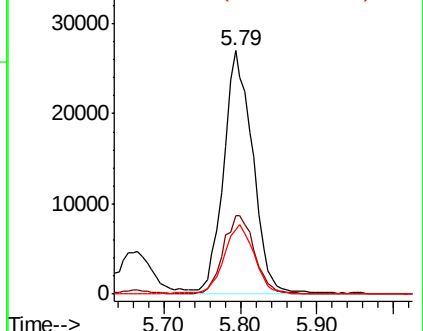
77 29.8 27.1 40.7

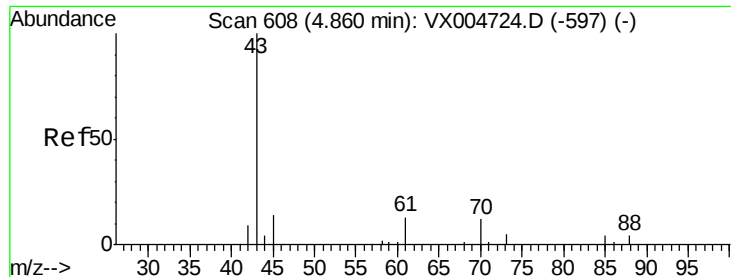


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 19.816 ug/l

RT: 4.85 min Scan# 607

Delta R.T. -0.01 min

Lab File: VX005045.D

Acq: 05 Oct 2018 04:04

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBS04

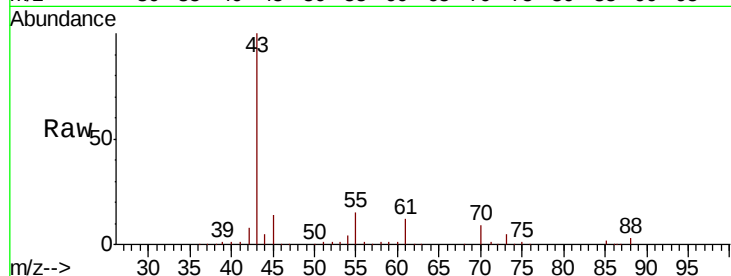
Tot Ion: 43 Resp: 96776

Ion Ratio Lower Upper

43 100

61 14.0 10.4 15.6

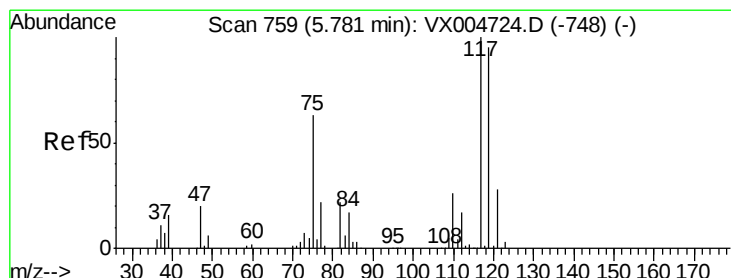
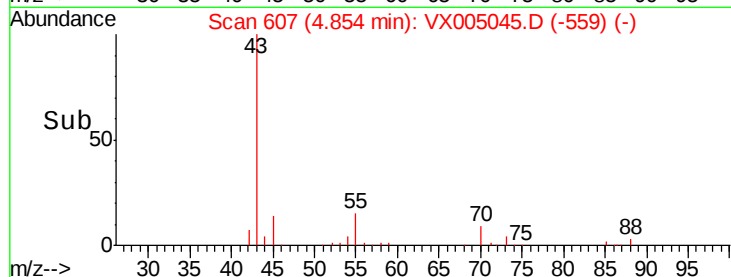
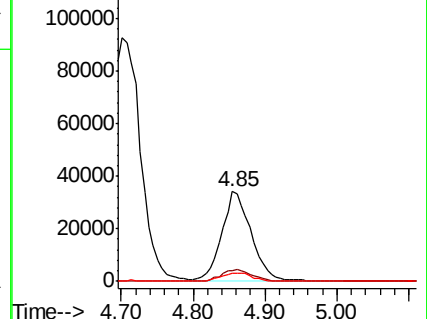
70 10.2 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX004724.D (-597) (-)

Ion 60.90 (60.60 to 61.60): VX004724.D (-597) (-)

Ion 70.00 (69.70 to 70.70): VX004724.D (-597) (-)



#38

Carbon Tetrachloride

Concen: 17.818 ug/l

RT: 5.78 min Scan# 759

Delta R.T. 0.00 min

Lab File: VX005045.D

Acq: 05 Oct 2018 04:04

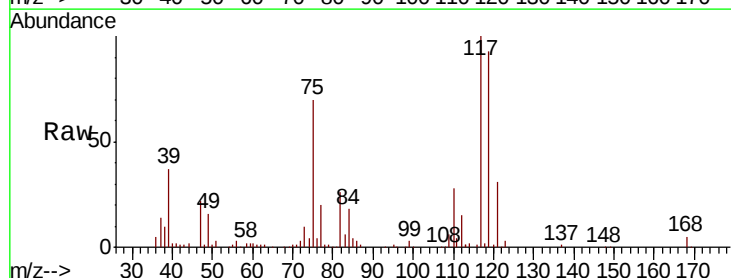
Tgt Ion: 117 Resp: 68910

Ion Ratio Lower Upper

117 100

119 93.2 75.2 112.8

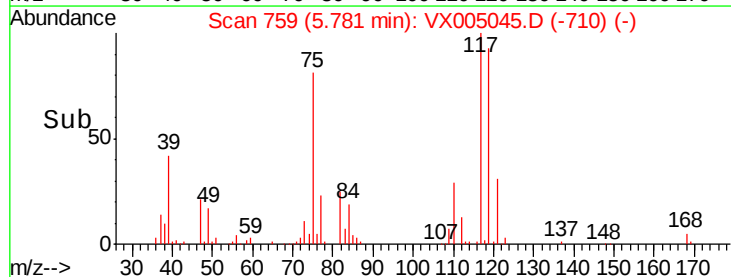
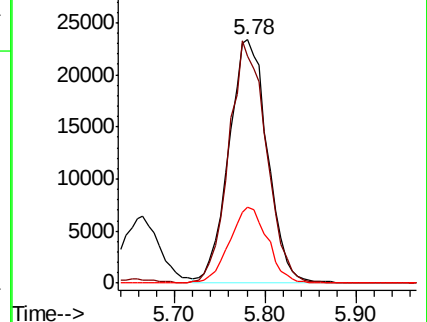
121 31.1 22.5 33.7

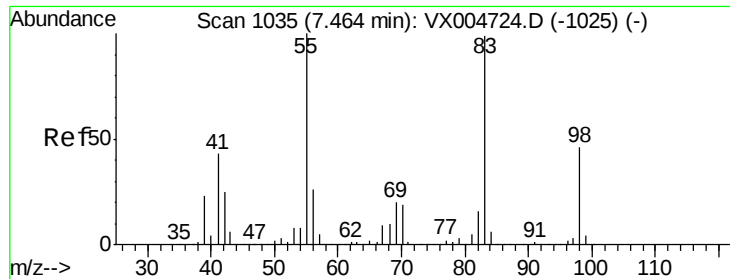


Abundance Ion 116.80 (116.50 to 117.50): VX004724.D (-748) (-)

Ion 118.80 (118.50 to 119.50): VX004724.D (-748) (-)

Ion 120.80 (120.50 to 121.50): VX004724.D (-748) (-)

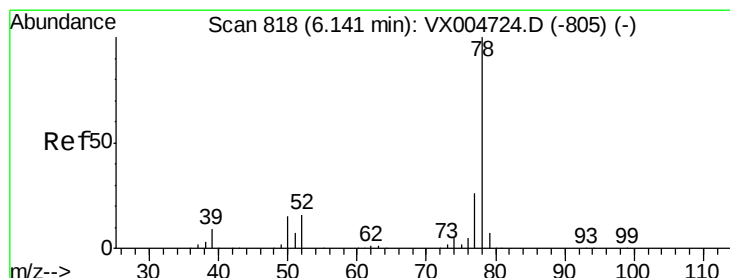
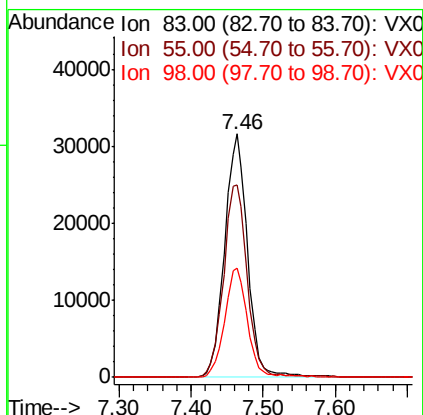
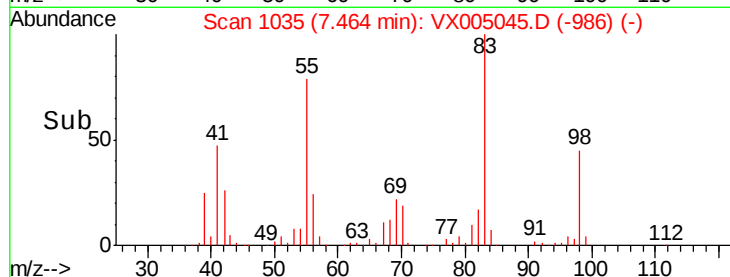
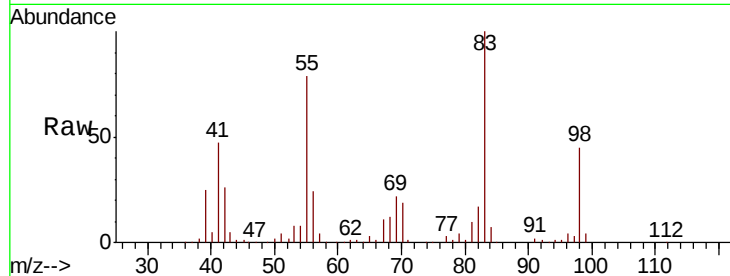




#39
Methvlcvclohexane
Concen: 18.626 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX005045.D
Acq: 05 Oct 2018 04:04

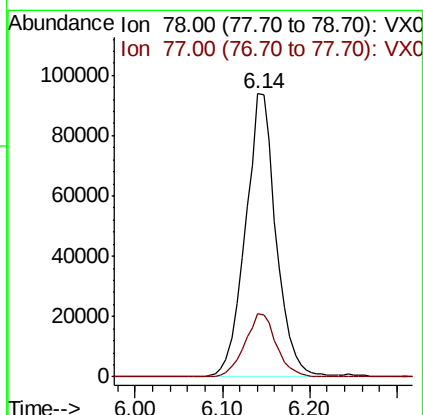
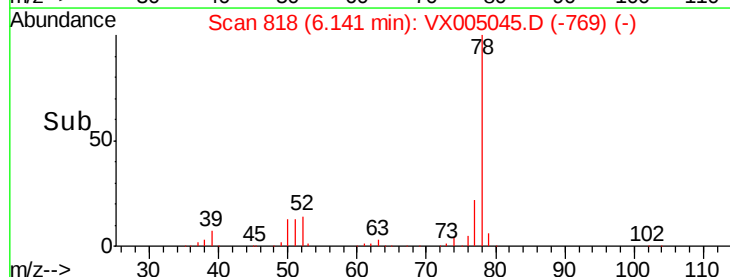
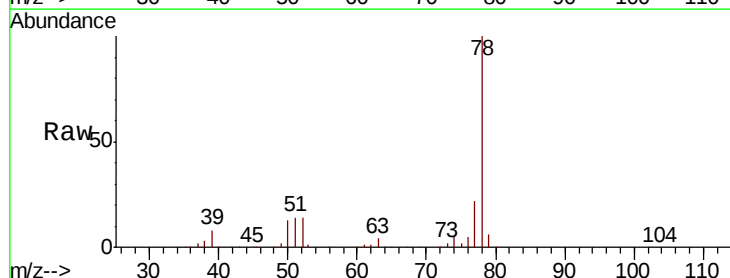
Instrument :
MSVOA_X
ClientSampleId :
VX1004WBS04

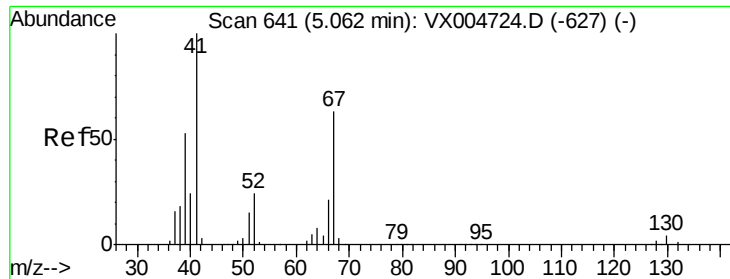
Tot Ion: 83 Resp: 69975
Ion Ratio Lower Upper
83 100
55 79.1 81.1 121.7#
98 44.8 37.3 55.9



#40
Benzene
Concen: 19.750 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX005045.D
Acq: 05 Oct 2018 04:04

Tgt Ion: 78 Resp: 227484
Ion Ratio Lower Upper
78 100
77 22.2 21.0 31.4

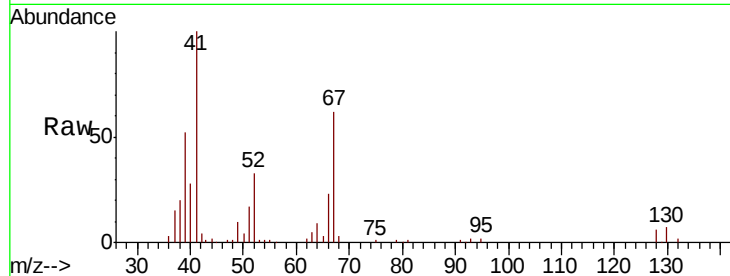




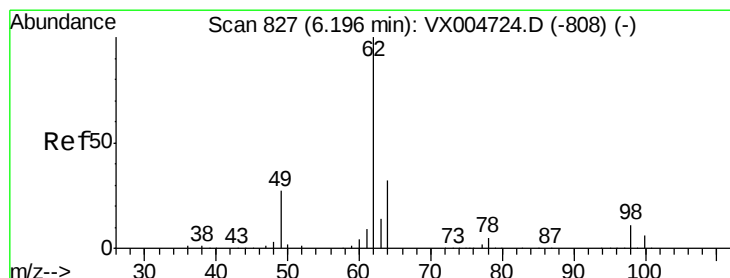
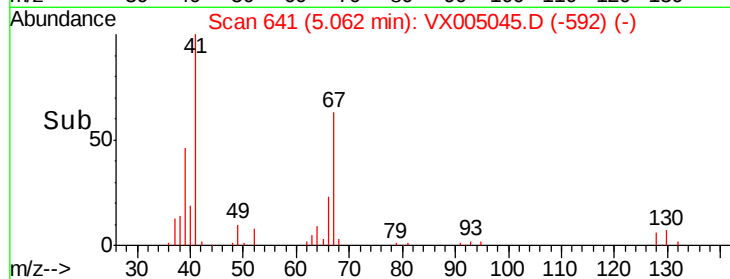
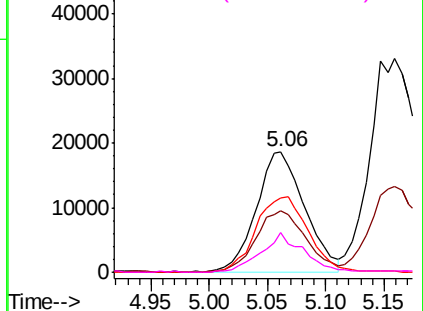
#41
Methacrylonitrile
Concen: 19.768 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.00 min
Lab File: VX005045.D
Acq: 05 Oct 2018 04:04

Instrument :
MSVOA_X
ClientSampled :
VX1004WBS04

Tot Ion:	41	Resp:	53539
Ion	Ratio	Lower	Upper
41	100		
39	53.9	42.5	63.7
67	68.2	53.0	79.6
52	28.1	19.8	29.8

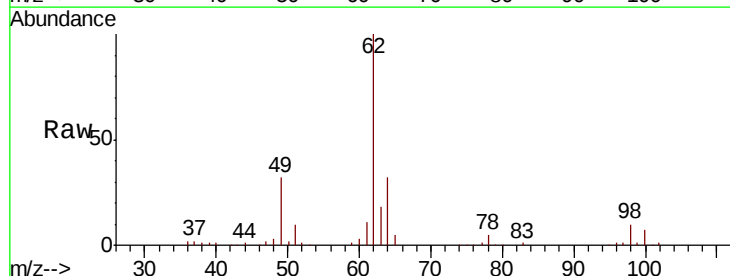


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

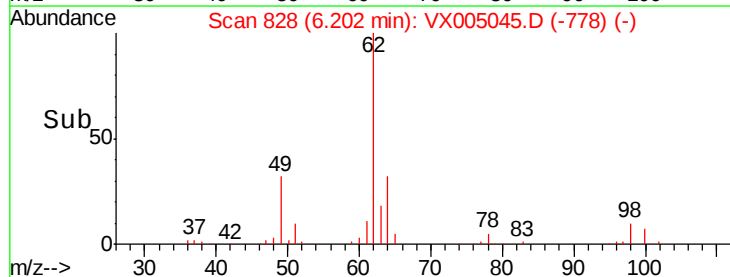
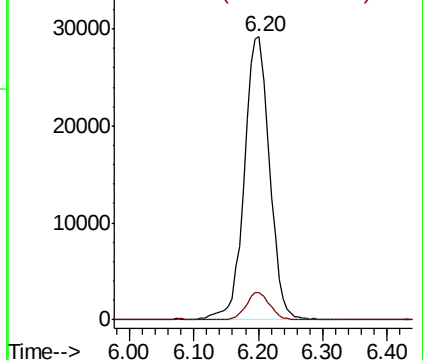


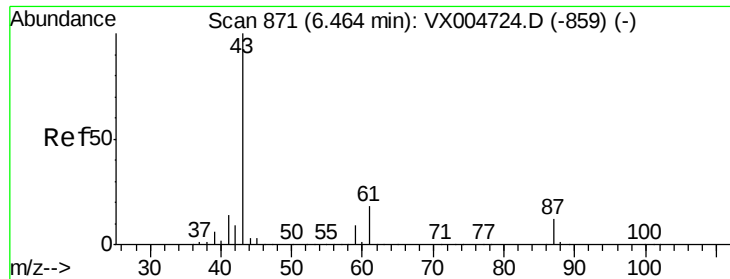
#42
1,2-Dichloroethane
Concen: 19.202 ug/l
RT: 6.20 min Scan# 828
Delta R.T. 0.01 min
Lab File: VX005045.D
Acq: 05 Oct 2018 04:04

Tgt Ion:	62	Resp:	78187
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 19.049 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.00 min

Lab File: VX005045.D

Acq: 05 Oct 2018 04:04

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBS04

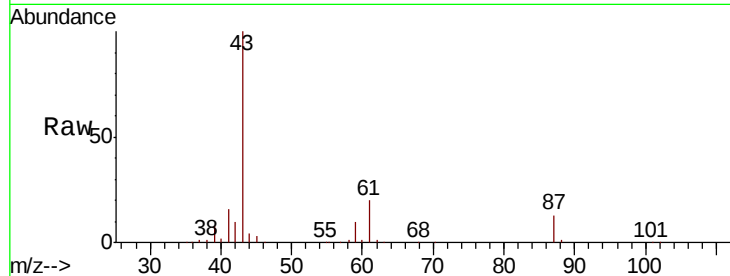
Tot Ion: 43 Resp: 134275

Ion Ratio Lower Upper

43 100

61 20.1 14.2 21.4

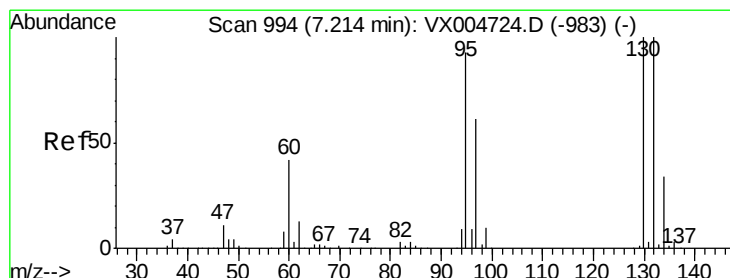
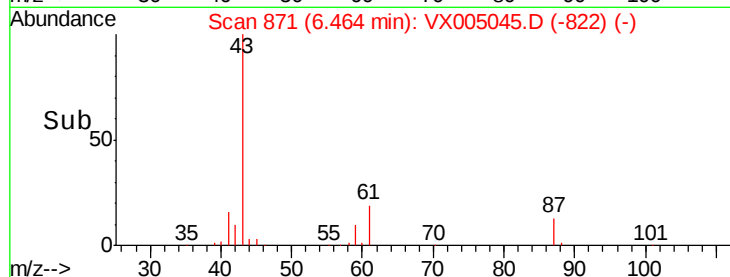
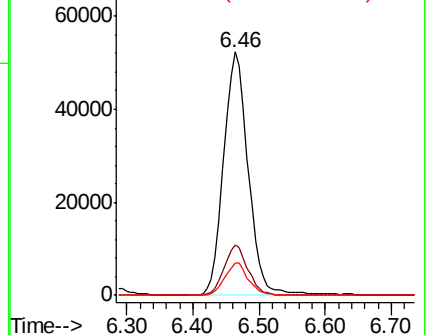
87 12.9 9.3 13.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 19.805 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX005045.D

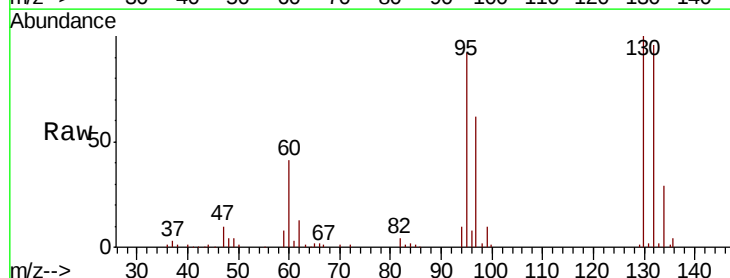
Acq: 05 Oct 2018 04:04

Tgt Ion:130 Resp: 56079

Ion Ratio Lower Upper

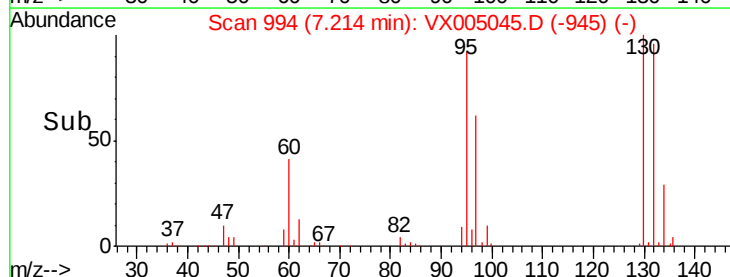
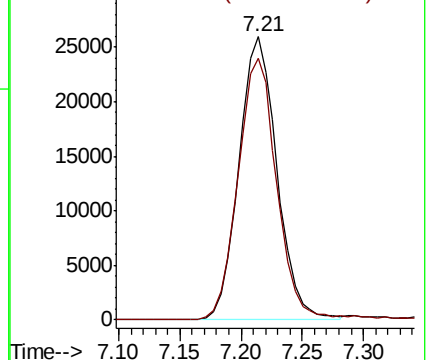
130 100

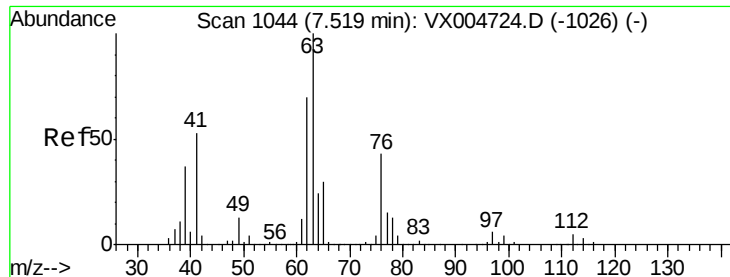
95 92.3 0.0 186.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 20.467 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VX005045.D

Acq: 05 Oct 2018 04:04

Instrument :

MSVOA_X

ClientSampleId :

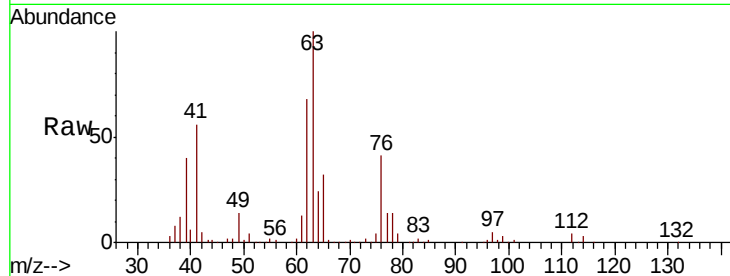
VX1004WBS04

Tot Ion: 63 Resp: 57811

Ion Ratio Lower Upper

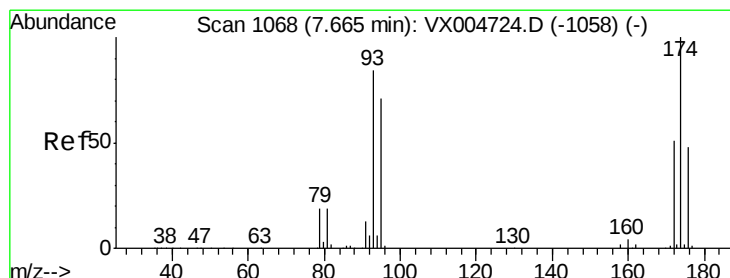
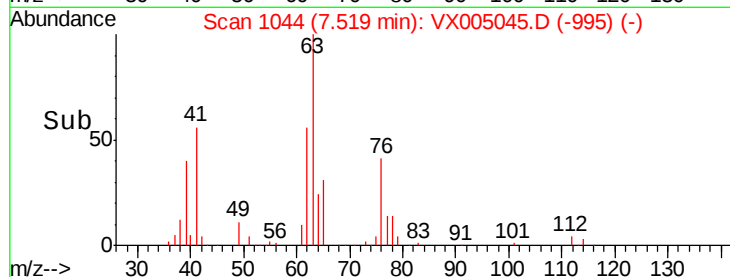
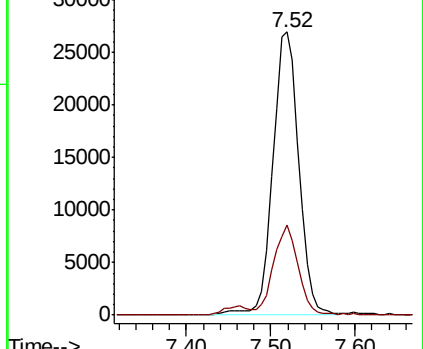
63 100

65 31.9 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 20.781 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.00 min

Lab File: VX005045.D

Acq: 05 Oct 2018 04:04

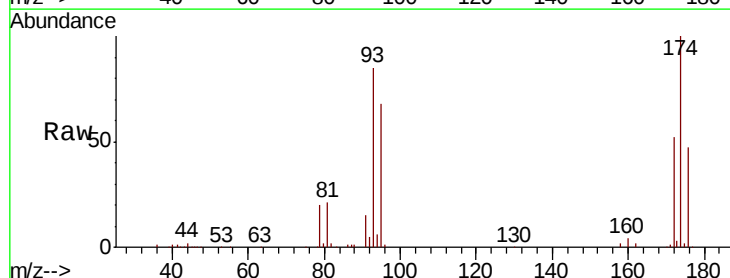
Tgt Ion: 93 Resp: 36890

Ion Ratio Lower Upper

93 100

95 82.7 66.7 100.1

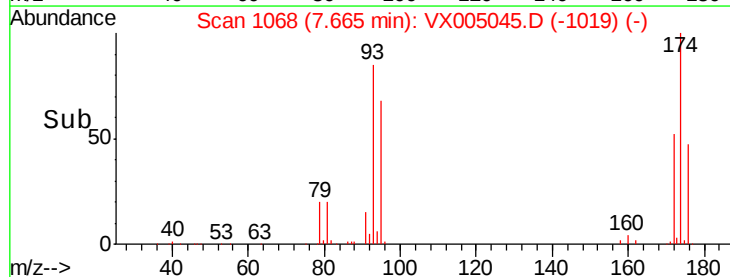
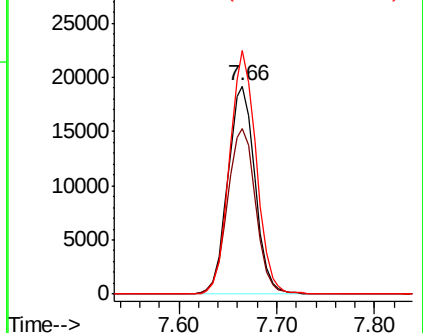
174 114.6 92.7 139.1

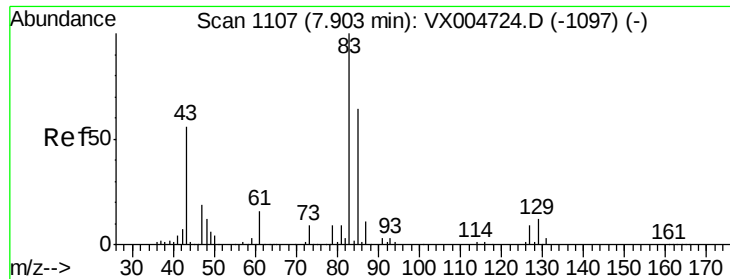


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.677 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.00 min

Lab File: VX005045.D

Acq: 05 Oct 2018 04:04

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBS04

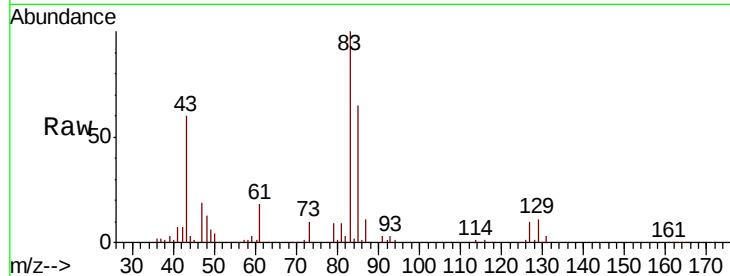
Tot Ion: 83 Resp: 68721

Ion Ratio Lower Upper

83 100

85 64.8 51.2 76.8

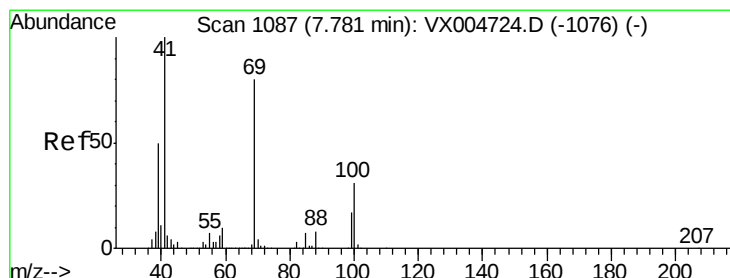
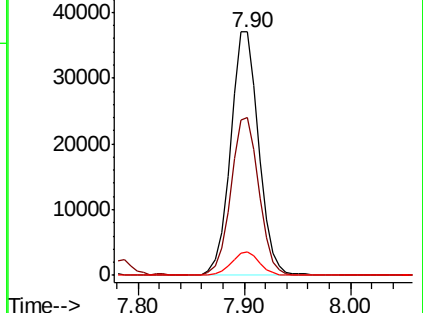
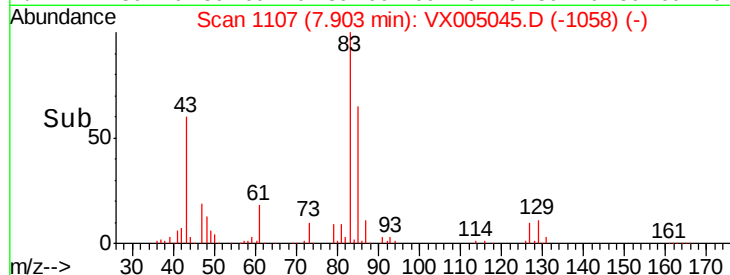
127 9.6 7.0 10.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 22.149 ug/l

RT: 7.78 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX005045.D

Acq: 05 Oct 2018 04:04

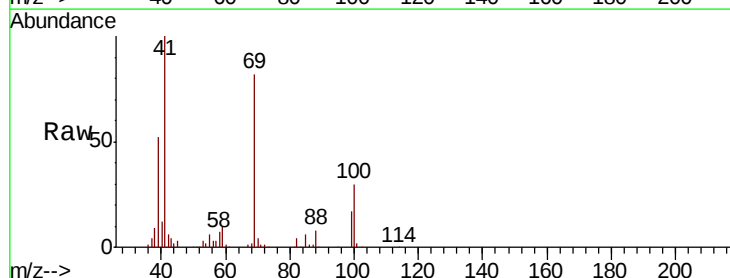
Tgt Ion: 41 Resp: 70861

Ion Ratio Lower Upper

41 100

69 80.1 63.8 95.6

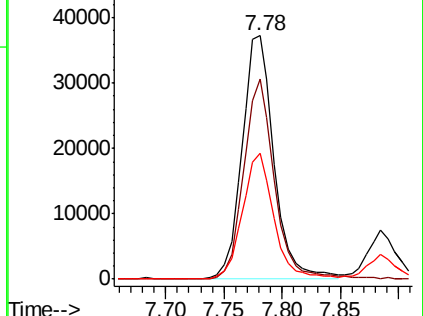
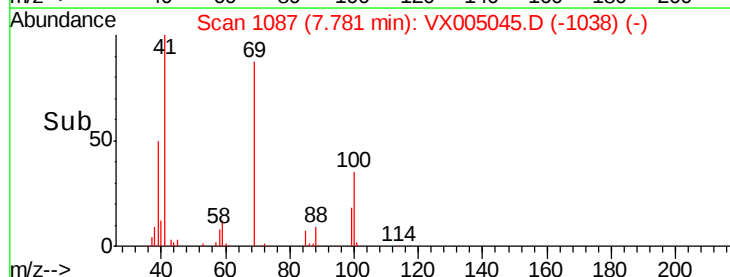
39 51.1 40.7 61.1

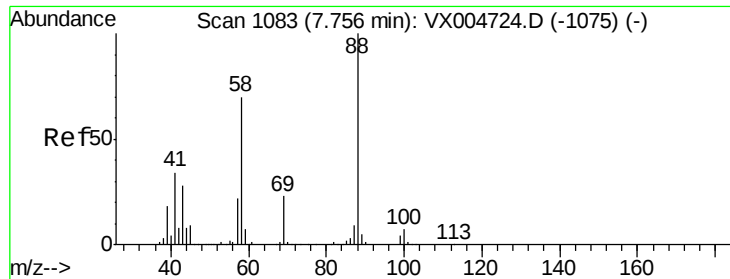


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

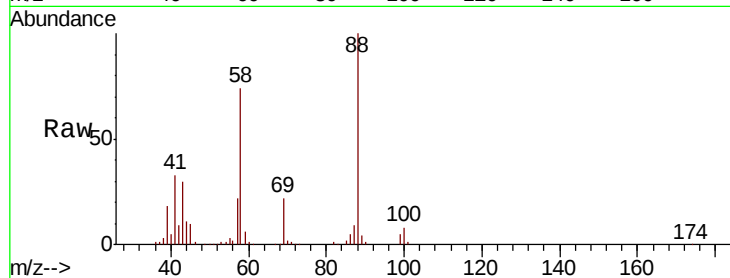




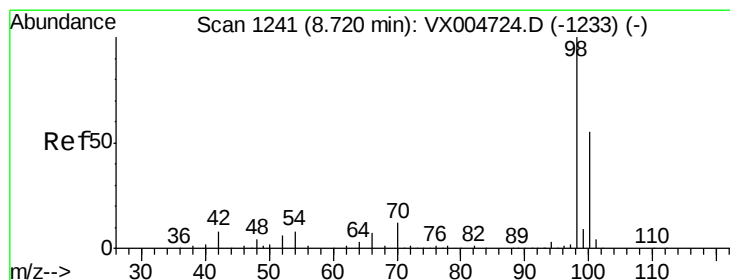
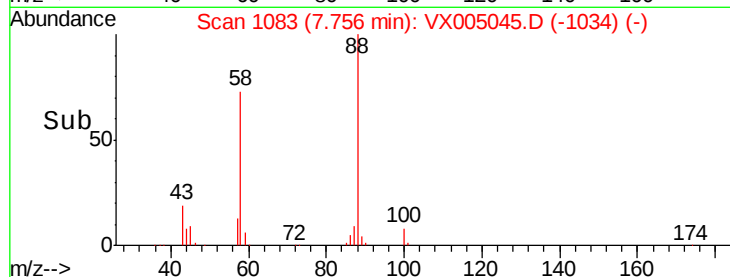
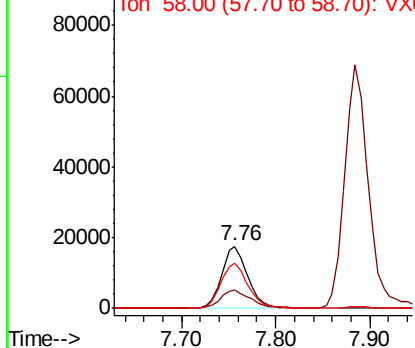
#49
1,4-Dioxane
Concen: 419.329 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.00 min
Lab File: VX005045.D
Acq: 05 Oct 2018 04:04

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBS04

Tot Ion: 88 Resp: 33330
Ion Ratio Lower Upper
88 100
43 33.1 25.1 37.7
58 76.2 56.2 84.2

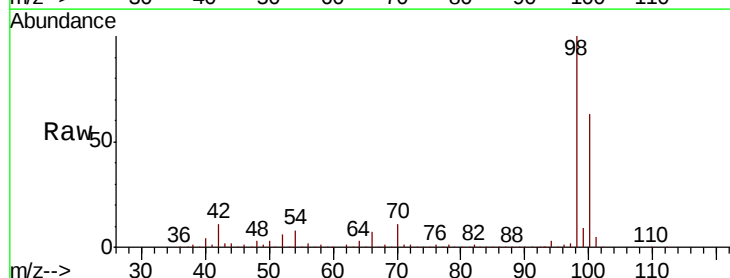


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

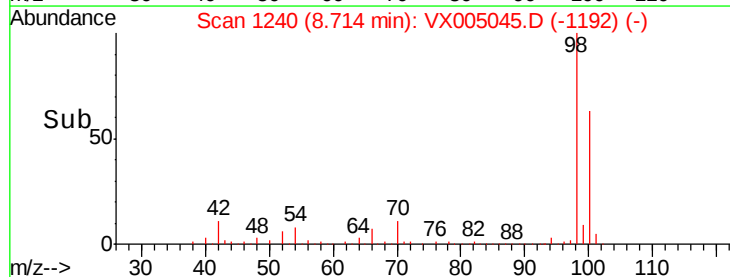
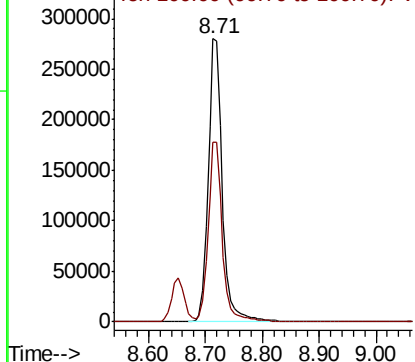


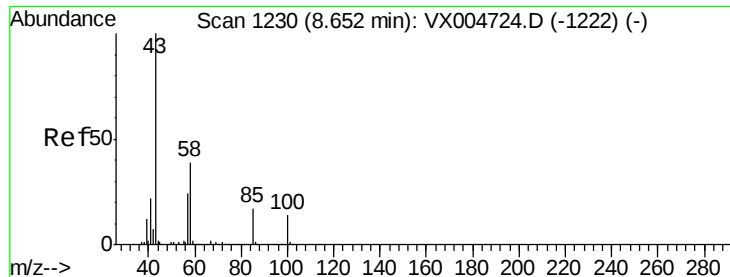
#50
Toluene-d8
Concen: 53.697 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VX005045.D
Acq: 05 Oct 2018 04:04

Tgt Ion: 98 Resp: 481377
Ion Ratio Lower Upper
98 100
100 64.4 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V

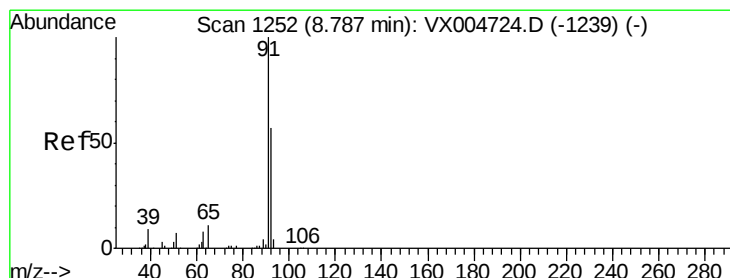
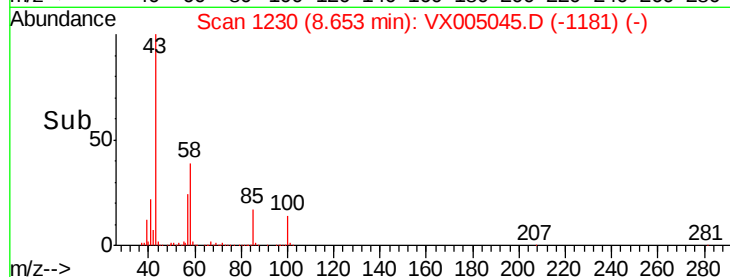
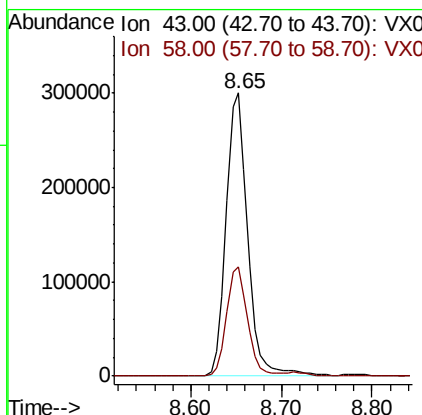
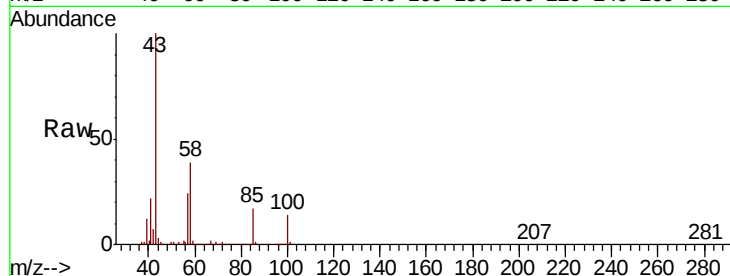




#51
 4-Methyl-2-Pentanone
 Concen: 112.029 ug/l
 RT: 8.65 min Scan# 1230
 Delta R.T. 0.00 min
 Lab File: VX005045.D
 Acq: 05 Oct 2018 04:04

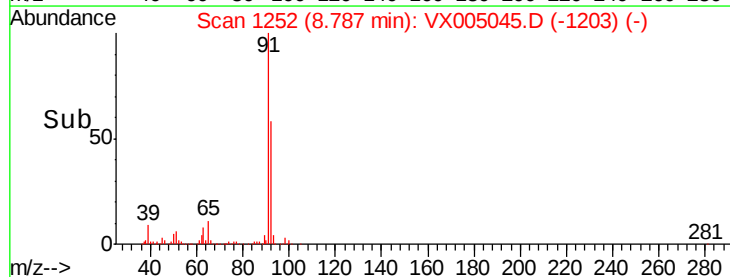
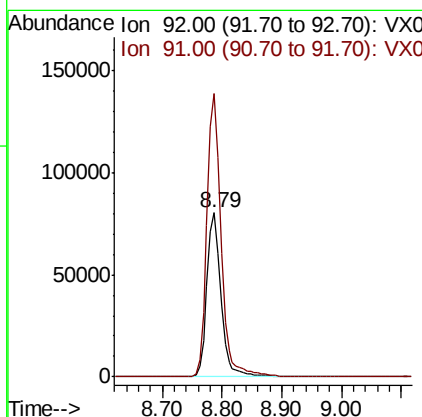
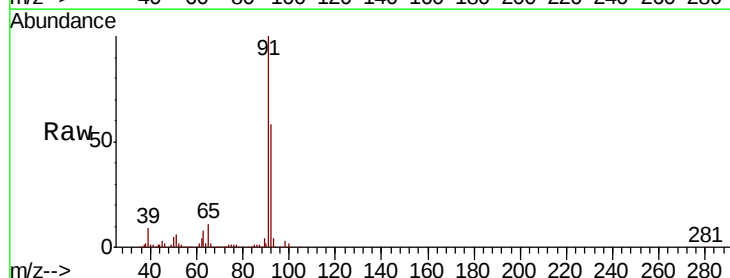
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBS04

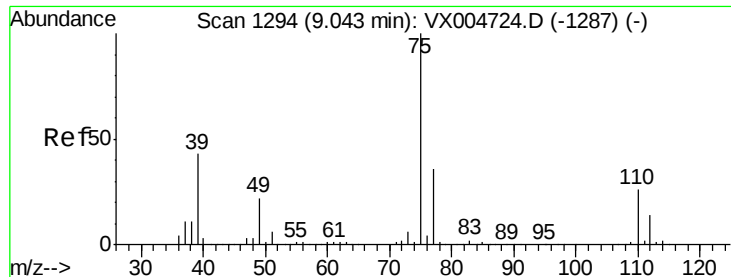
Tot Ion: 43 Resp: 497212
 Ion Ratio Lower Upper
 43 100
 58 37.4 30.5 45.7



#52
 Toluene
 Concen: 20.845 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VX005045.D
 Acq: 05 Oct 2018 04:04

Tgt Ion: 92 Resp: 131929
 Ion Ratio Lower Upper
 92 100
 91 172.9 136.7 205.1





#53

t-1,3-Dichloropropene

Concen: 18.657 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX005045.D

Acq: 05 Oct 2018 04:04

Instrument :

MSVOA_X

ClientSampled :

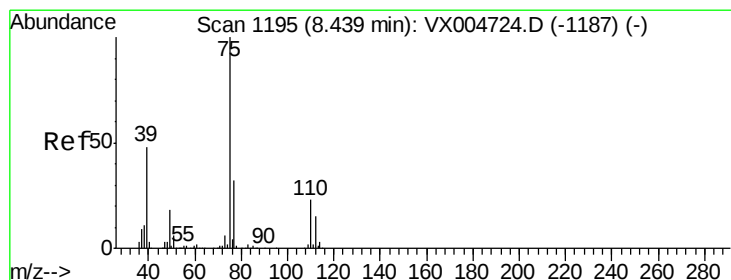
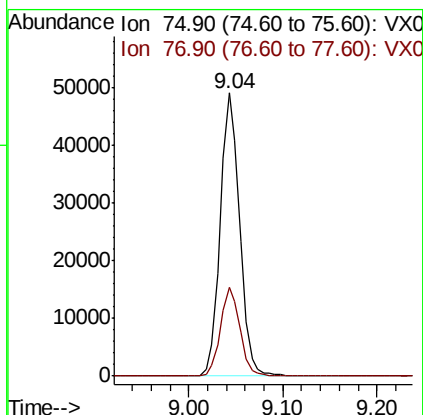
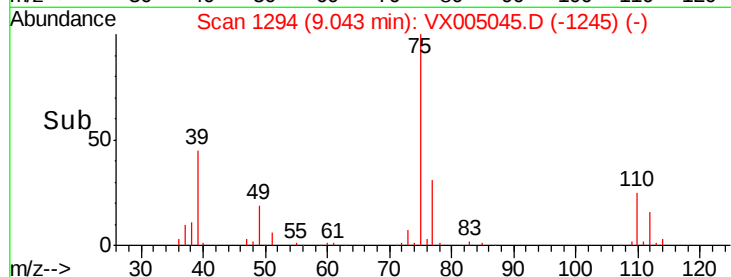
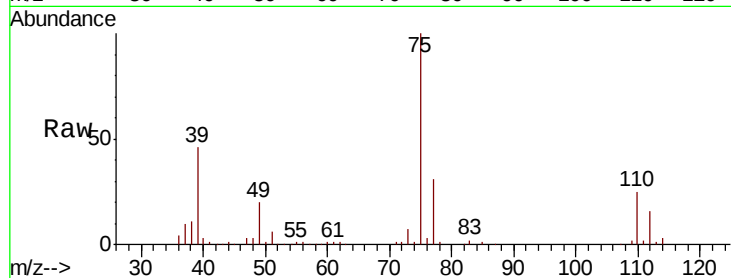
VX1004WBS04

Tot Ion: 75 Resp: 70072

Ion Ratio Lower Upper

75 100

77 31.3 28.9 43.3



#54

cis-1,3-Dichloropropene

Concen: 19.764 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. 0.00 min

Lab File: VX005045.D

Acq: 05 Oct 2018 04:04

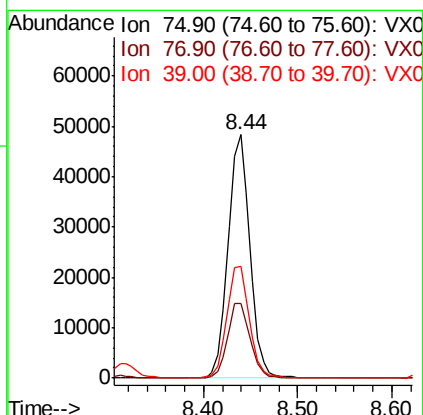
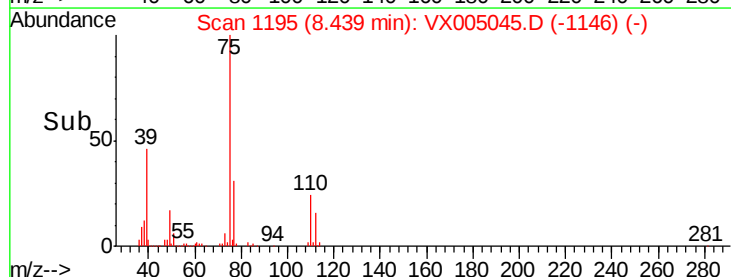
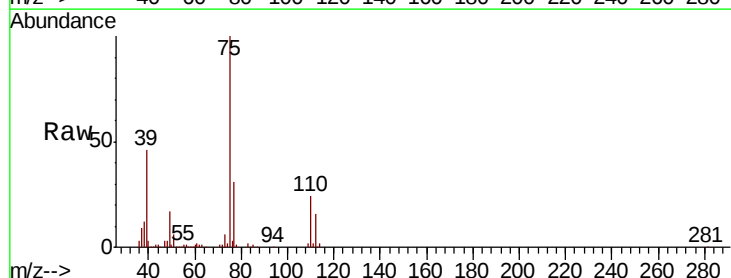
Tgt Ion: 75 Resp: 77750

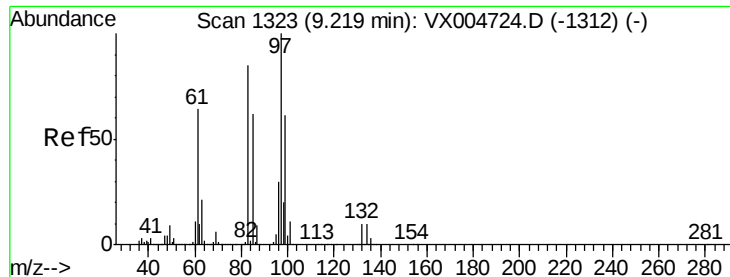
Ion Ratio Lower Upper

75 100

77 30.7 25.7 38.5

39 45.7 38.3 57.5

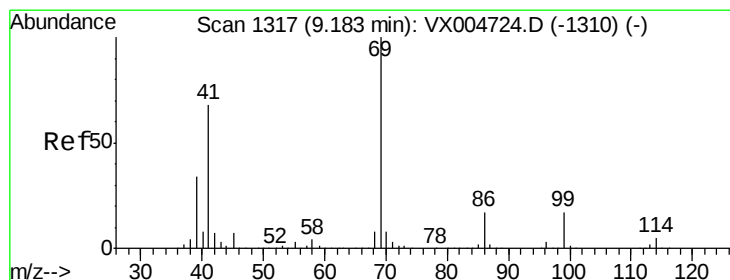
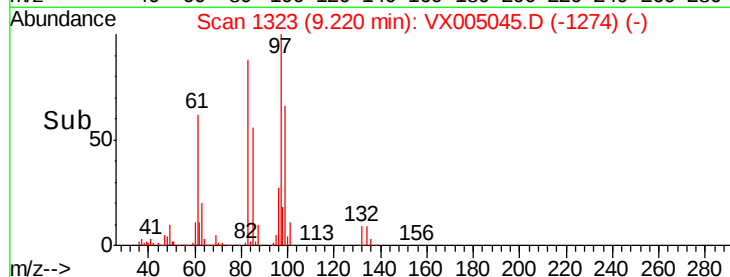
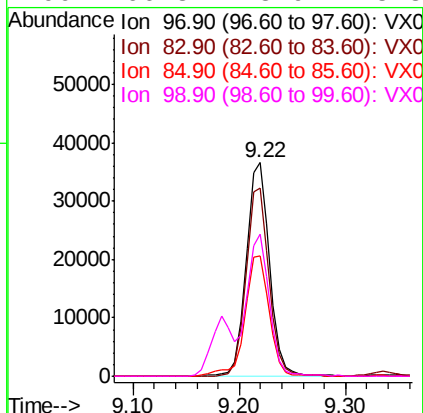
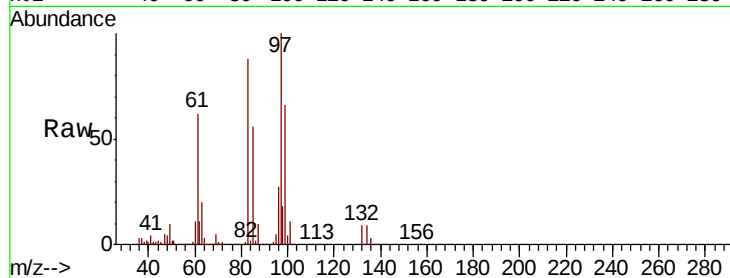




#55
 1,1,2-Trichloroethane
 Concen: 20.215 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: VX005045.D
 Acq: 05 Oct 2018 04:04

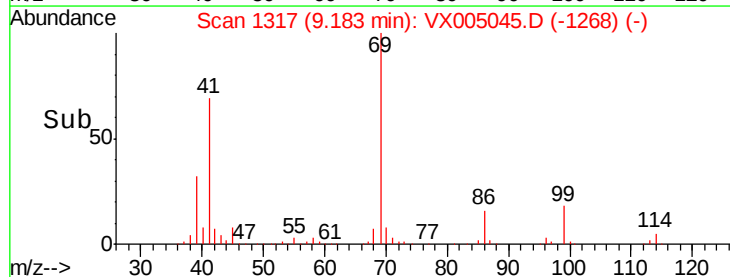
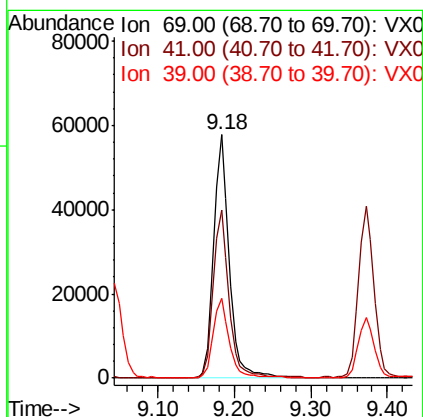
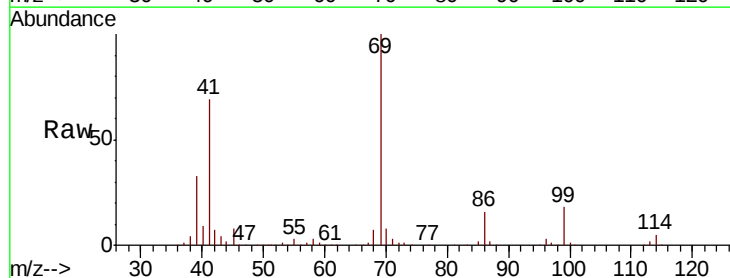
Instrument :
 MSVOA_X
 ClientSampled :
 VX1004WBS04

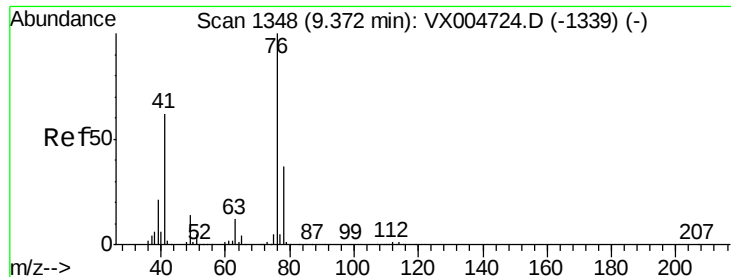
Tot Ion:	97	Resp:	56043
Ion	Ratio	Lower	Upper
97	100		
83	88.4	68.2	102.2
85	56.1	49.9	74.9
99	66.3	48.9	73.3



#56
 Ethyl methacrylate
 Concen: 20.009 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX005045.D
 Acq: 05 Oct 2018 04:04

Tgt Ion:	69	Resp:	81821
Ion	Ratio	Lower	Upper
69	100		
41	69.9	56.9	85.3
39	33.7	28.4	42.6

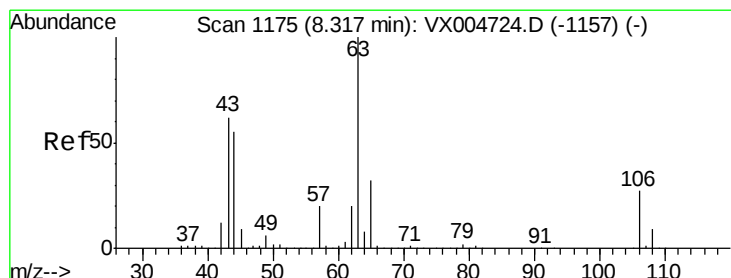
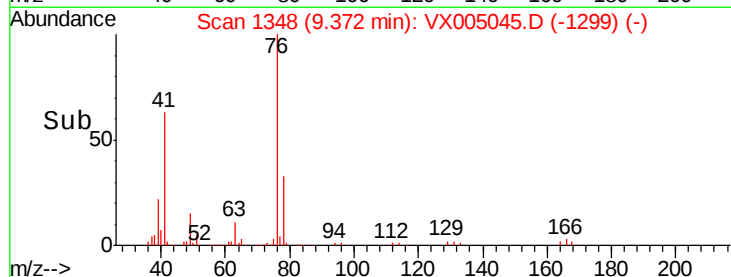
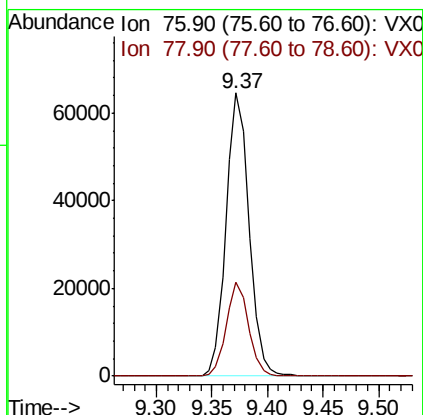
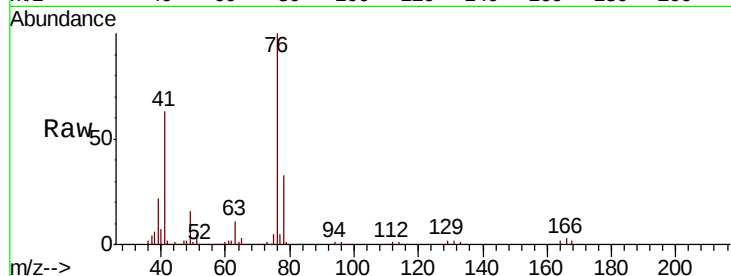




#57
 1,3-Dichloropropane
 Concen: 20.089 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX005045.D
 Acq: 05 Oct 2018 04:04

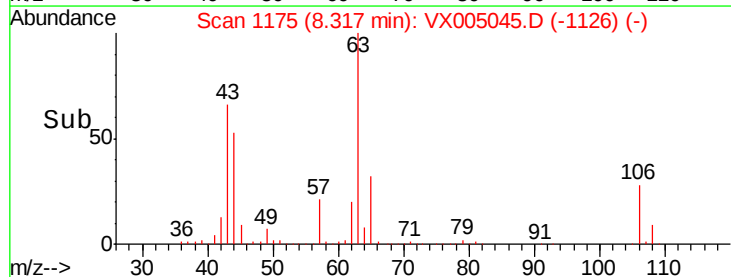
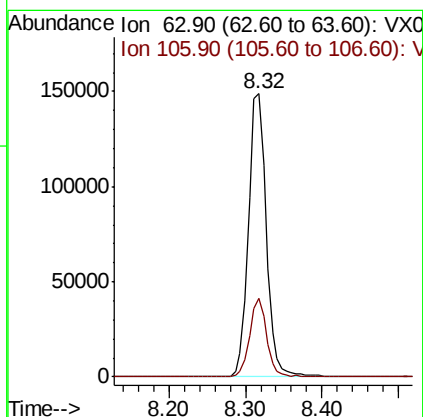
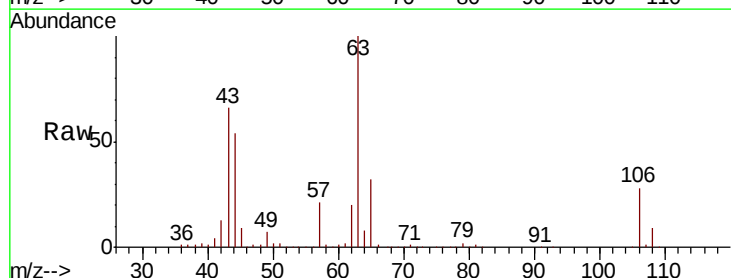
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBS04

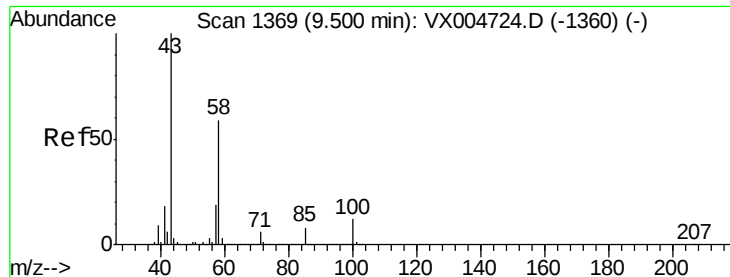
Tot Ion: 76 Resp: 92690
 Ion Ratio Lower Upper
 76 100
 78 32.2 26.6 40.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 110.411 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: VX005045.D
 Acq: 05 Oct 2018 04:04

Tgt Ion: 63 Resp: 243601
 Ion Ratio Lower Upper
 63 100
 106 26.5 21.0 31.6

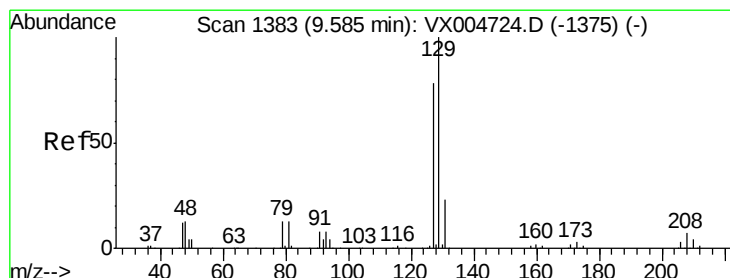
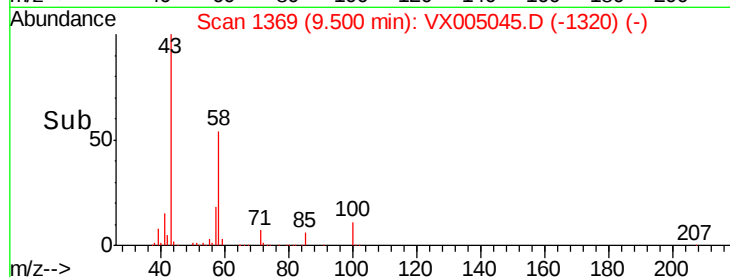
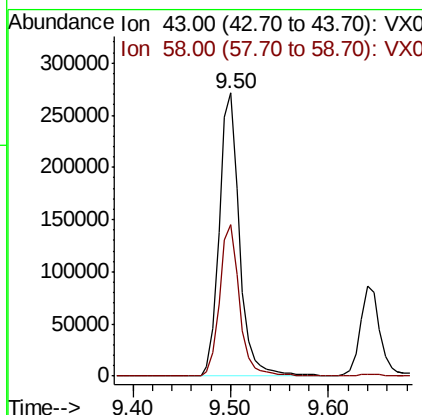
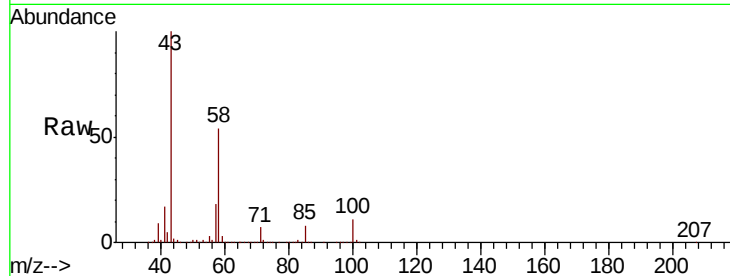




#59
2-Hexanone
Concen: 105.044 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VX005045.D
Acq: 05 Oct 2018 04:04

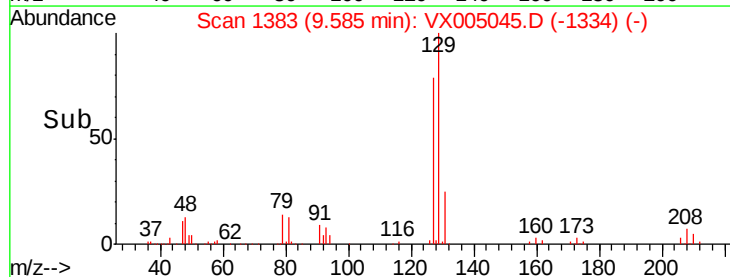
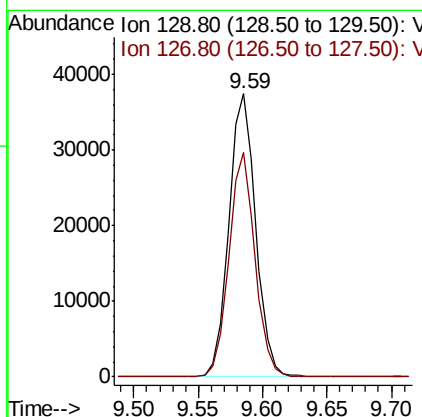
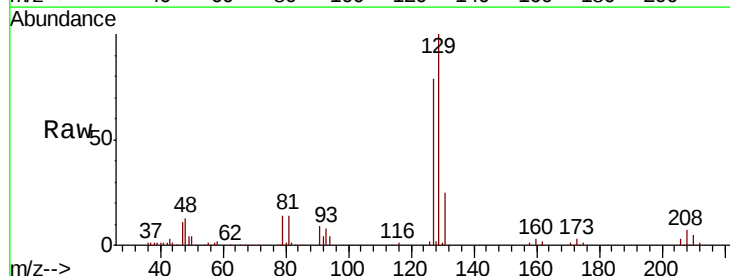
Instrument :
MSVOA_X
ClientSampleId :
VX1004WBS04

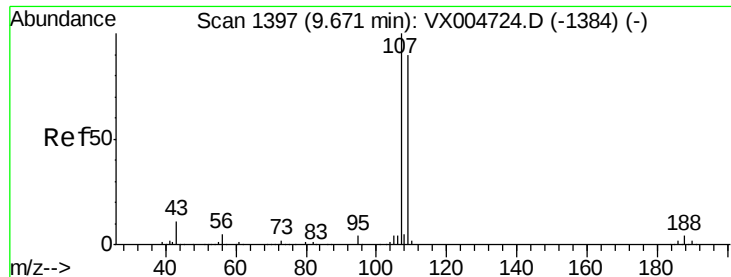
Tot Ion: 43 Resp: 388501
Ion Ratio Lower Upper
43 100
58 52.6 28.4 85.3



#60
Dibromochloromethane
Concen: 19.653 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX005045.D
Acq: 05 Oct 2018 04:04

Tgt Ion: 129 Resp: 54488
Ion Ratio Lower Upper
129 100
127 77.0 39.1 117.2





#61

1,2-Dibromoethane

Concen: 19.459 ug/l

RT: 9.68 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VX005045.D

Acq: 05 Oct 2018 04:04

Instrument :

MSVOA_X

ClientSampleId :

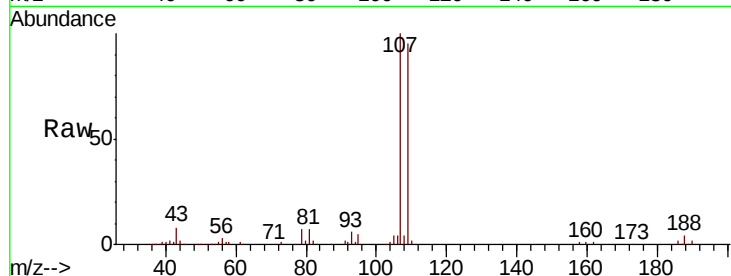
VX1004WBS04

Tot Ion:107 Resp: 57775

Ion Ratio Lower Upper

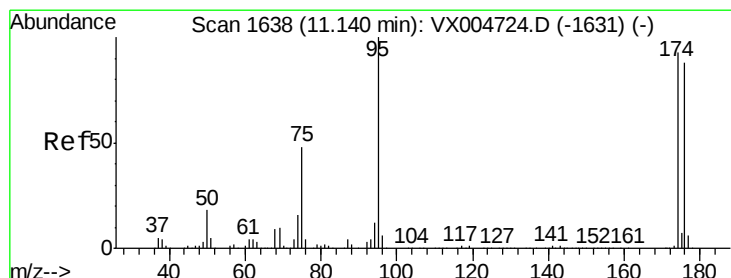
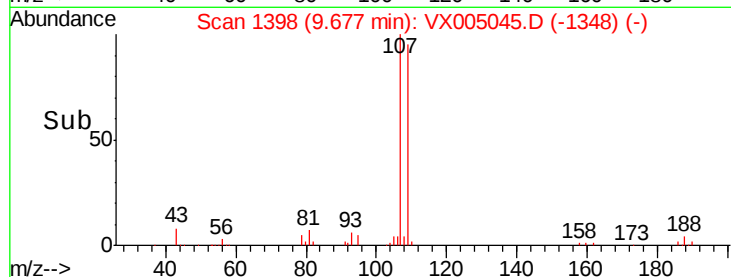
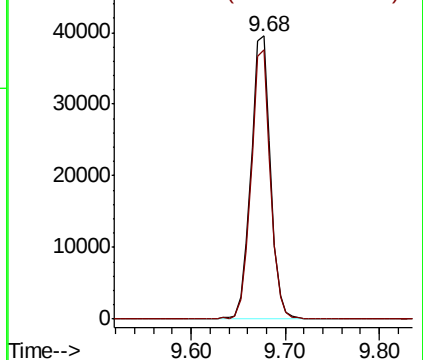
107 100

109 94.1 72.1 108.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 53.929 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005045.D

Acq: 05 Oct 2018 04:04

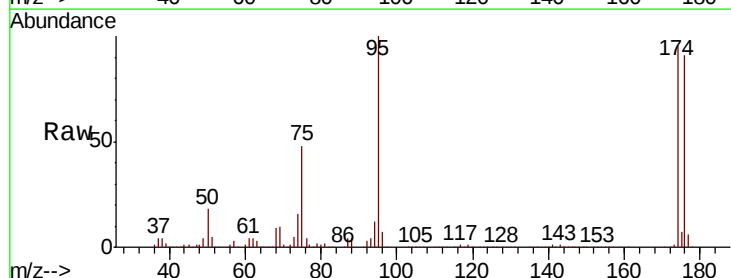
Tgt Ion: 95 Resp: 174166

Ion Ratio Lower Upper

95 100

174 92.1 0.0 185.0

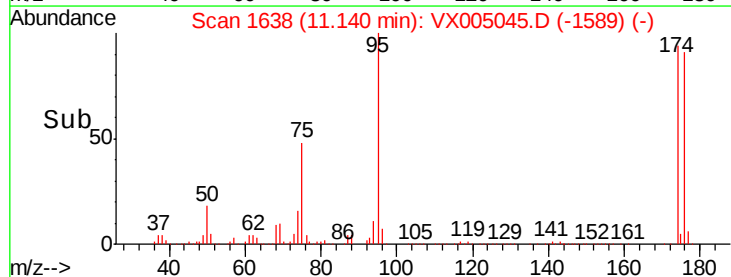
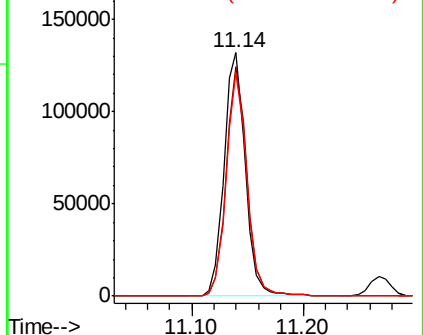
176 89.0 0.0 180.2

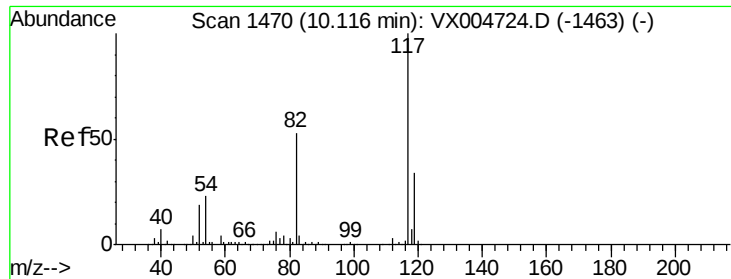


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

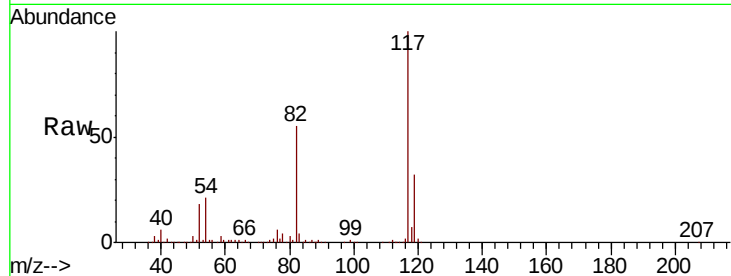




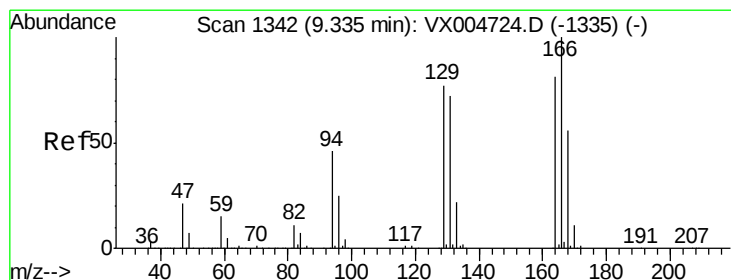
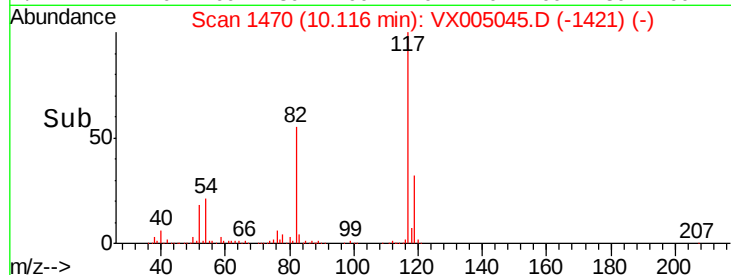
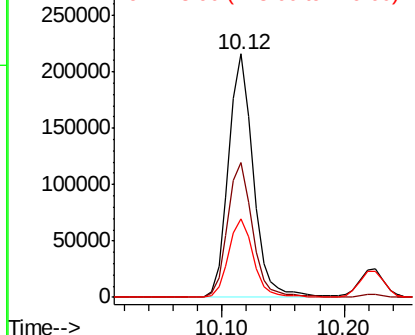
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005045.D
Acq: 05 Oct 2018 04:04

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBS04

Tot Ion:117 Resp: 302748
Ion Ratio Lower Upper
117 100
82 55.1 42.2 63.4
119 32.3 27.4 41.0

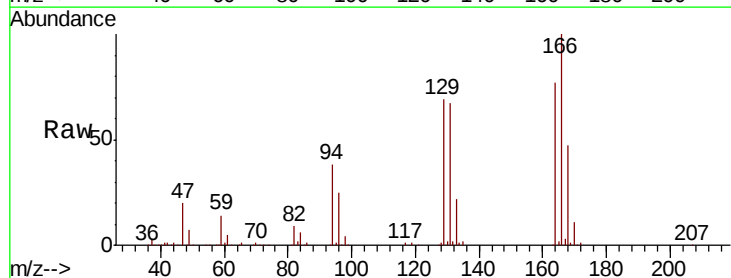


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

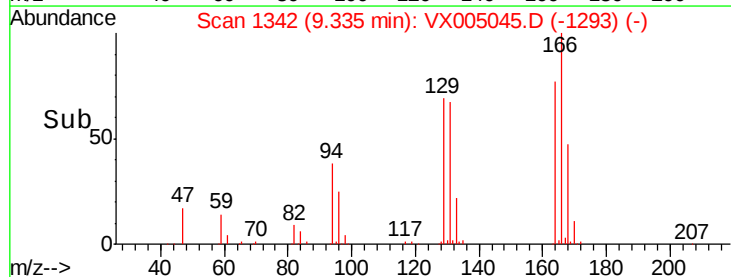
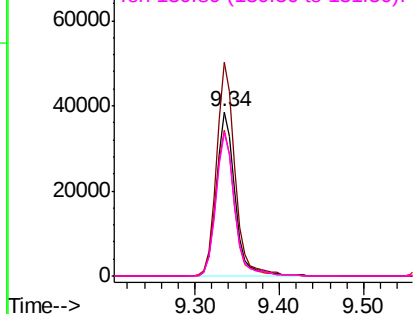


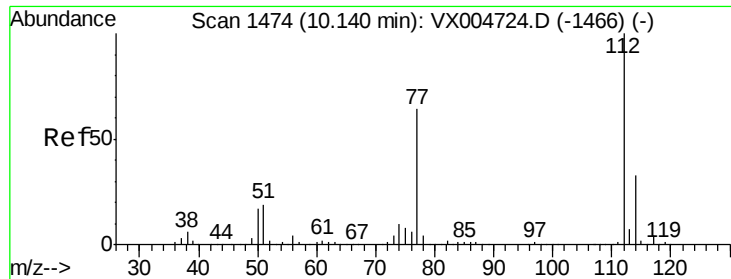
#64
Tetrachloroethene
Concen: 19.804 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX005045.D
Acq: 05 Oct 2018 04:04

Tgt Ion:164 Resp: 59009
Ion Ratio Lower Upper
164 100
166 130.2 98.4 147.6
129 89.2 76.1 114.1
131 87.3 71.0 106.4



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

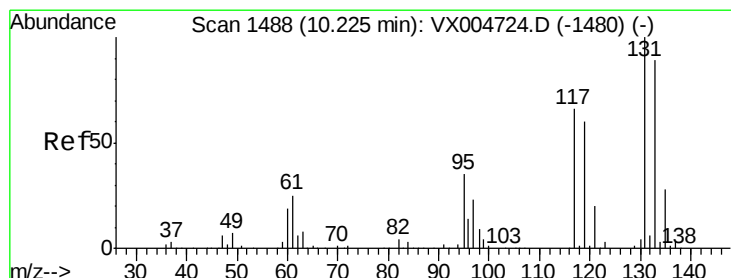
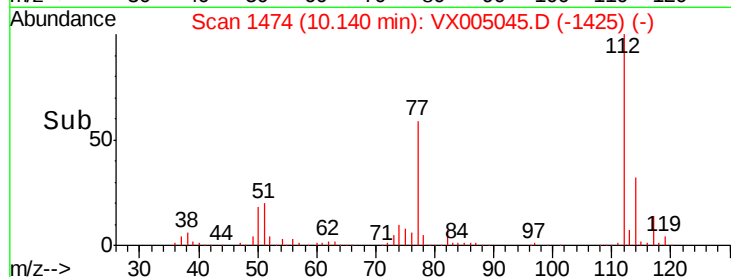
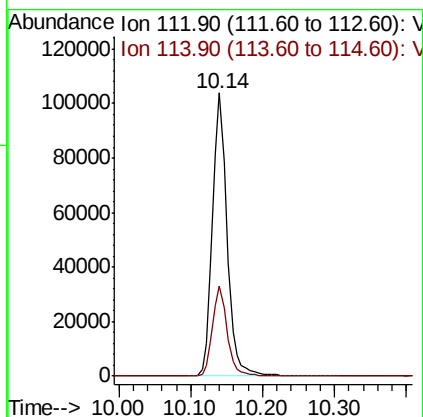
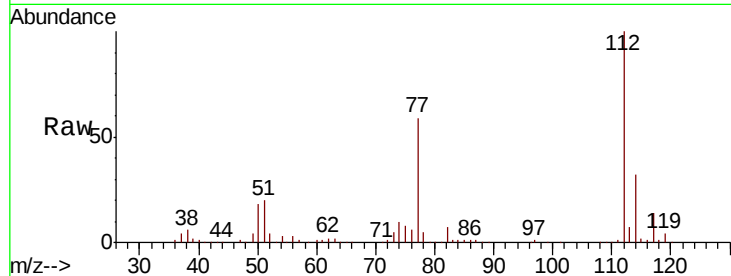




#65
Chlorobenzene
Concen: 18.847 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX005045.D
Acq: 05 Oct 2018 04:04

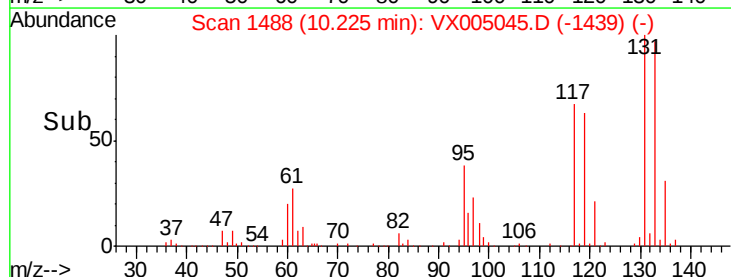
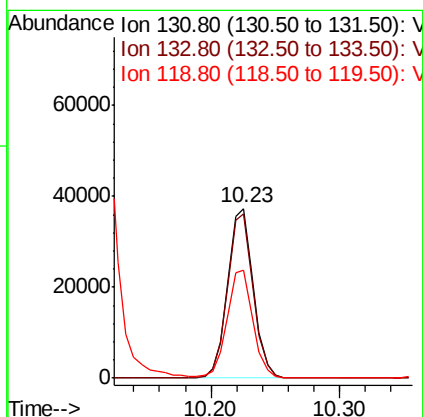
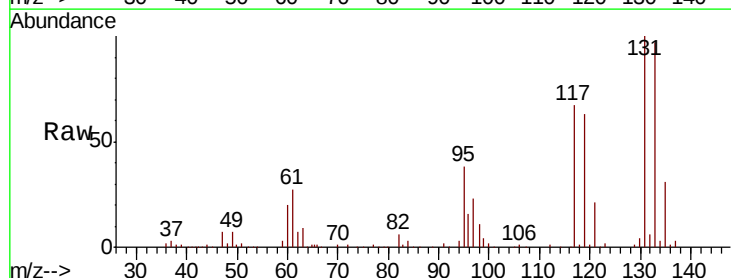
Instrument :
MSVOA_X
ClientSampleId :
VX1004WBS04

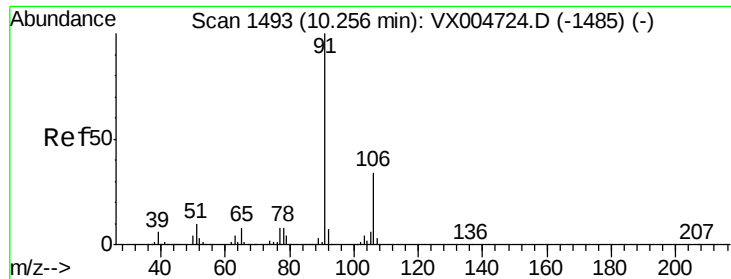
Tot Ion:112 Resp: 146318
Ion Ratio Lower Upper
112 100
114 31.9 26.7 40.1



#66
1,1,1,2-Tetrachloroethane
Concen: 19.137 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VX005045.D
Acq: 05 Oct 2018 04:04

Tgt Ion:131 Resp: 52229
Ion Ratio Lower Upper
131 100
133 97.1 48.4 145.0
119 64.6 32.3 96.8

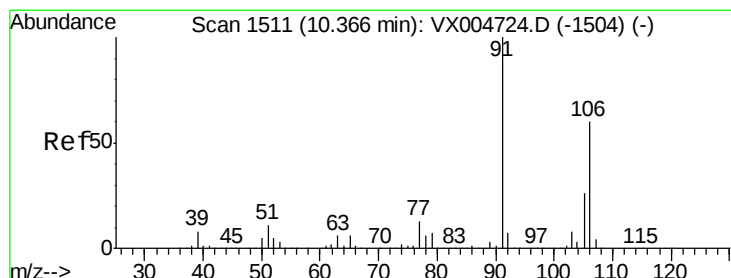
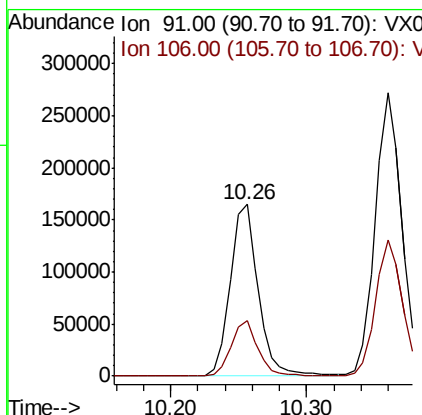
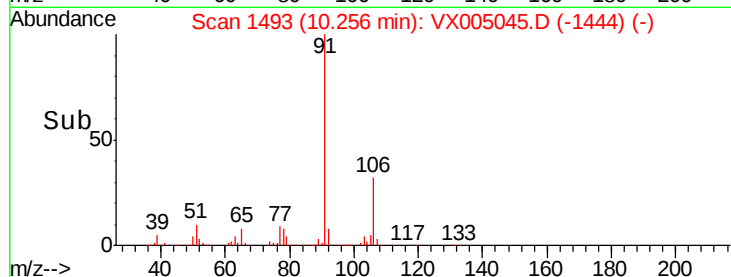
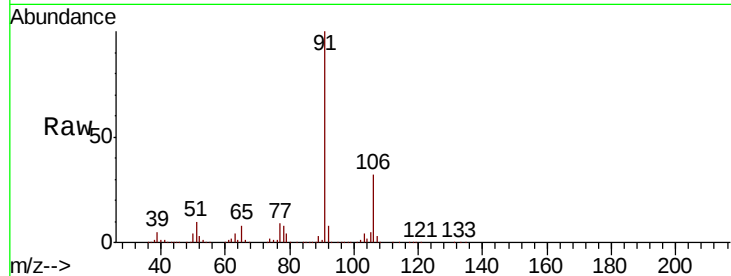




#67
Ethyl Benzene
Concen: 19.240 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VX005045.D
Acq: 05 Oct 2018 04:04

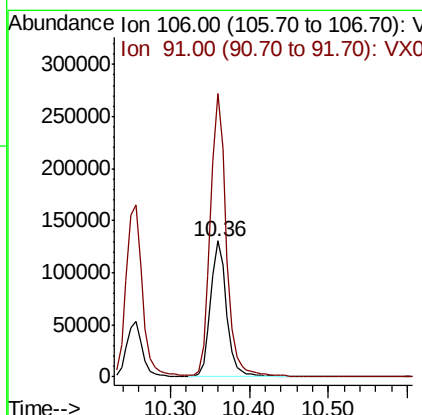
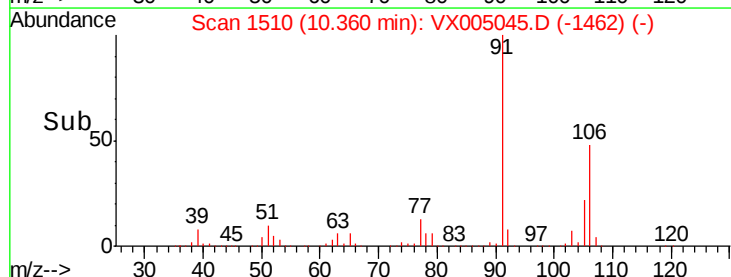
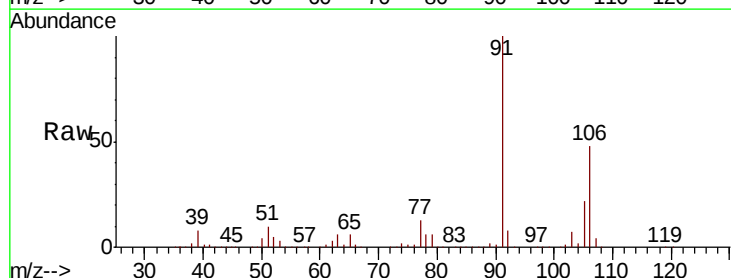
Instrument :
MSVOA_X
ClientSampleId :
VX1004WBS04

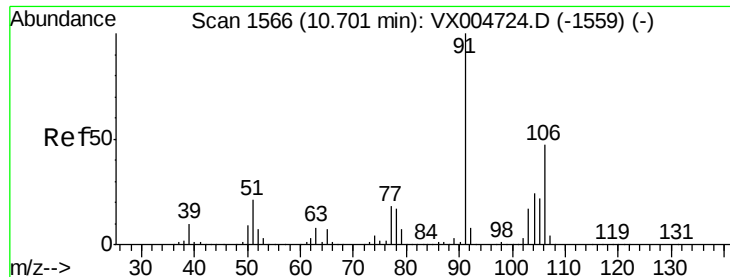
Tot Ion: 91 Resp: 237142
Ion Ratio Lower Upper
91 100
106 32.0 26.9 40.3



#68
m/p-Xylenes
Concen: 38.596 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX005045.D
Acq: 05 Oct 2018 04:04

Tgt Ion: 106 Resp: 185894
Ion Ratio Lower Upper
106 100
91 206.8 157.5 236.3

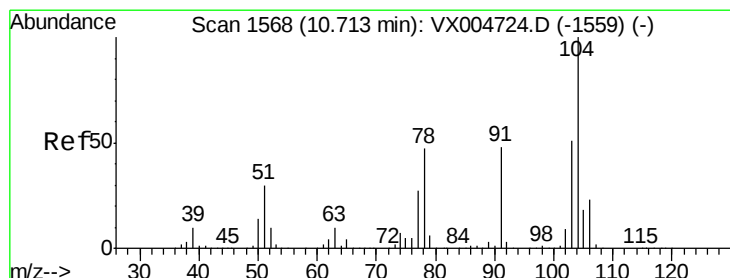
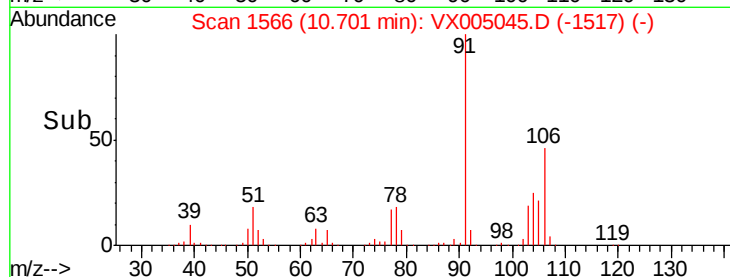
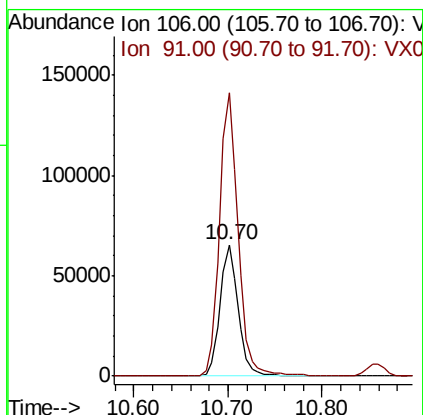
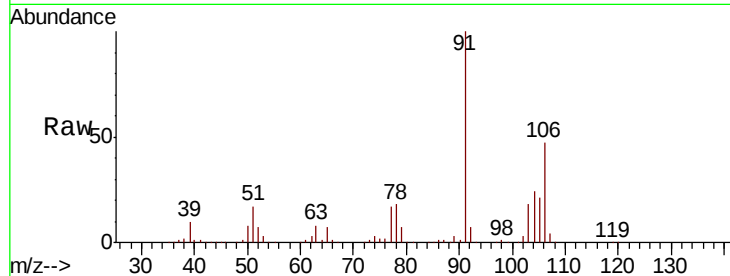




#69
o-Xylene
Concen: 20.036 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX005045.D
Acq: 05 Oct 2018 04:04

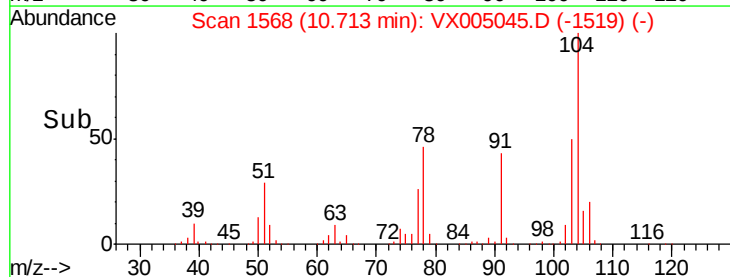
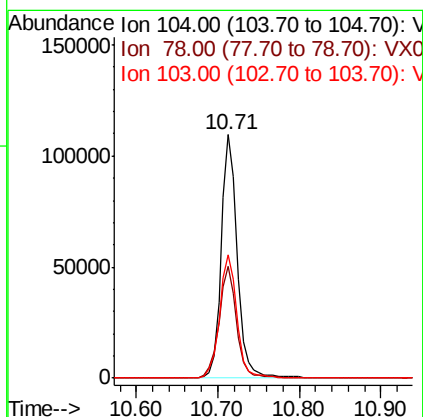
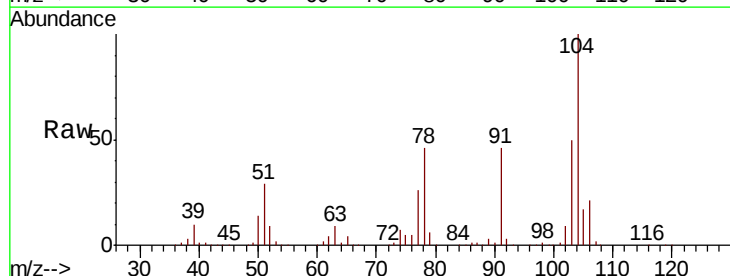
Instrument :
MSVOA_X
ClientSampleId :
VX1004WBS04

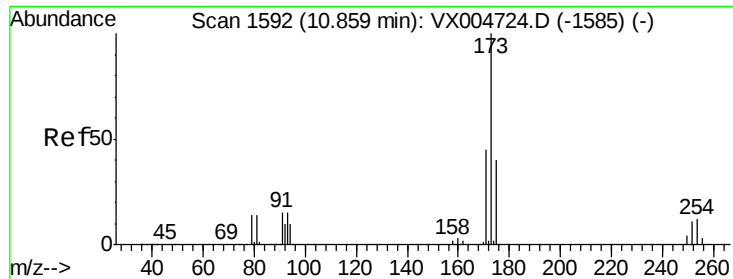
Tot Ion:106 Resp: 88633
Ion Ratio Lower Upper
106 100
91 218.7 108.3 324.8



#70
Styrene
Concen: 19.561 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX005045.D
Acq: 05 Oct 2018 04:04

Tgt Ion:104 Resp: 150578
Ion Ratio Lower Upper
104 100
78 50.4 40.0 60.0
103 55.5 44.3 66.5





#71

Bromoform

Concen: 18.821 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX005045.D

Acq: 05 Oct 2018 04:04

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBS04

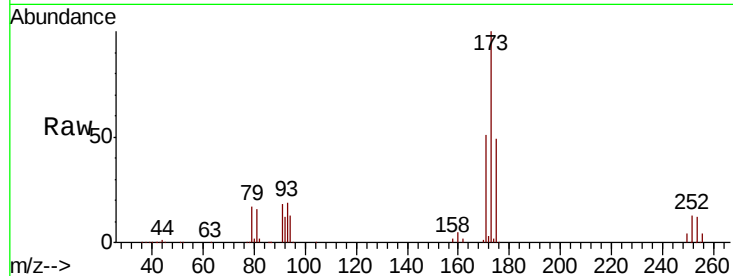
Tot Ion:173 Resp: 43976

Ion Ratio Lower Upper

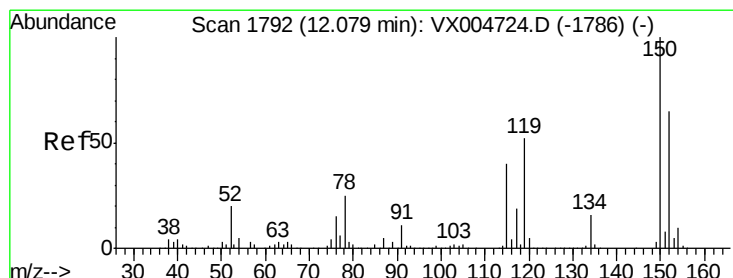
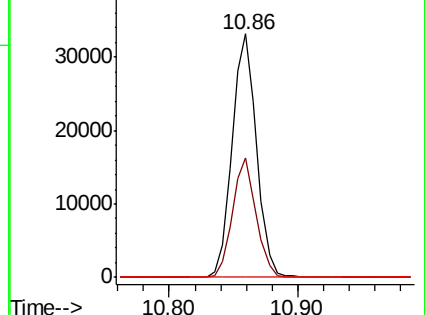
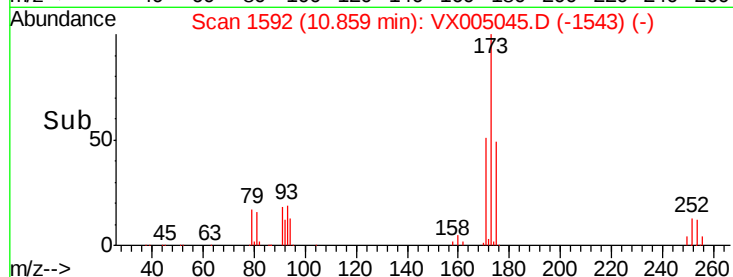
173 100

175 47.2 23.3 69.8

254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX005045.D

Acq: 05 Oct 2018 04:04

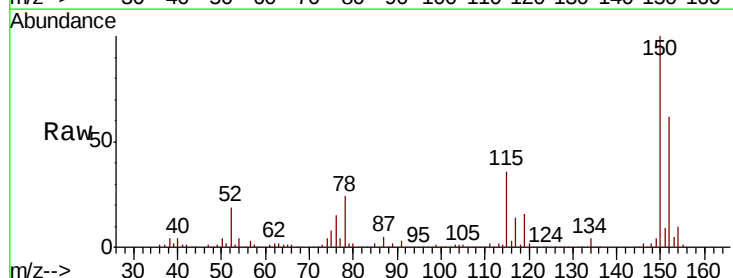
Tgt Ion:152 Resp: 179005

Ion Ratio Lower Upper

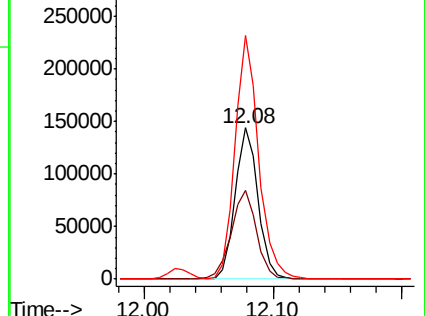
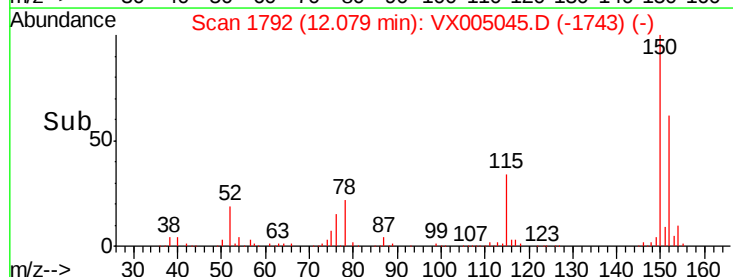
152 100

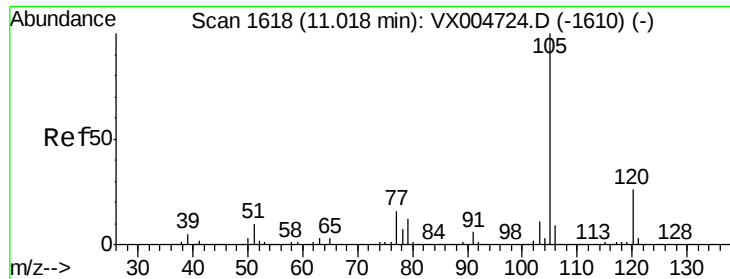
115 65.5 40.2 120.6

150 165.7 0.0 351.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.300 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX005045.D

Acq: 05 Oct 2018 04:04

Instrument :

MSVOA_X

ClientSampleId :

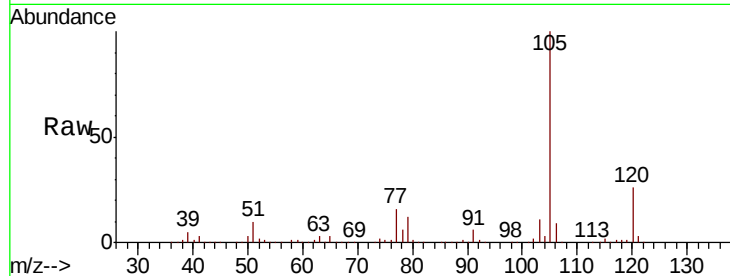
VX1004WBS04

Tot Ion: 105 Resp: 240331

Ion Ratio Lower Upper

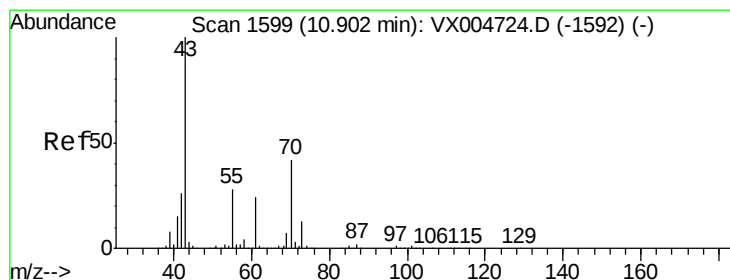
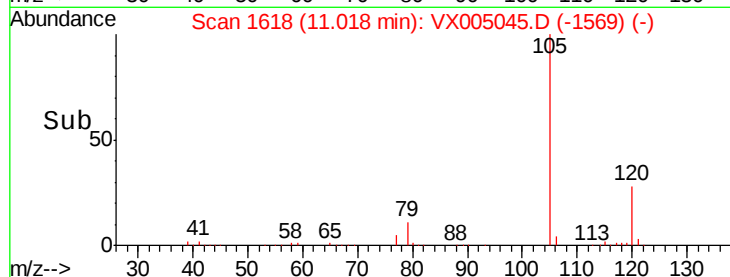
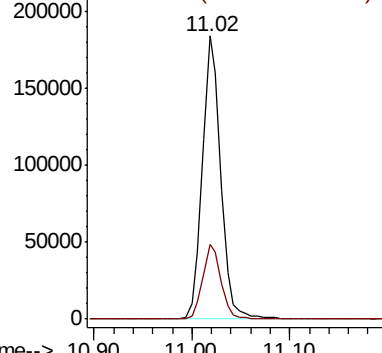
105 100

120 26.5 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.371 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VX005045.D

Acq: 05 Oct 2018 04:04

Tgt Ion: 43 Resp: 113252

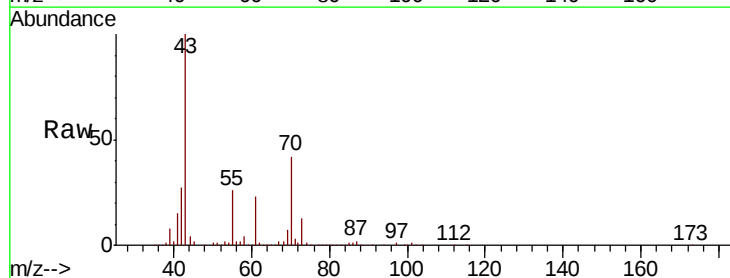
Ion Ratio Lower Upper

43 100

70 40.9 32.6 48.8

55 26.3 21.6 32.4

61 23.5 19.1 28.7

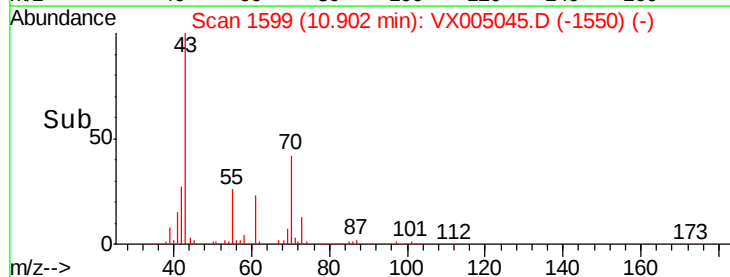
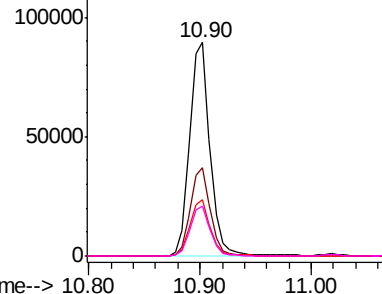


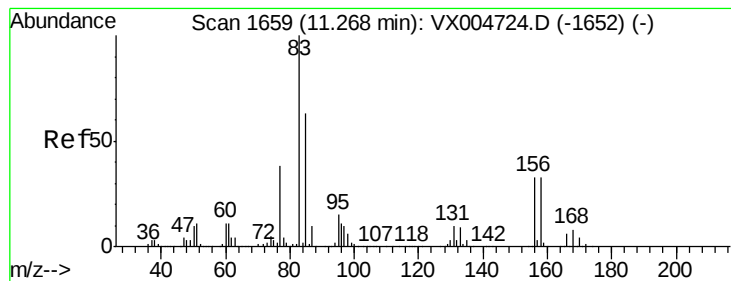
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.604 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX005045.D

Acq: 05 Oct 2018 04:04

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBS04

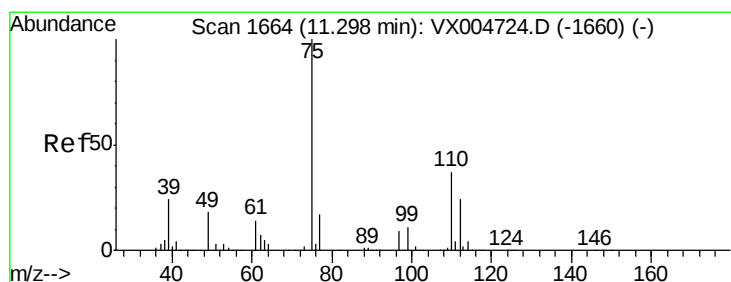
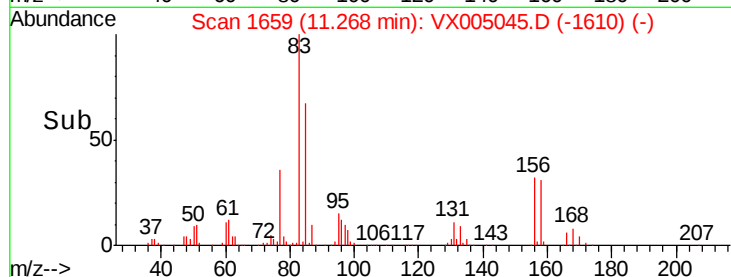
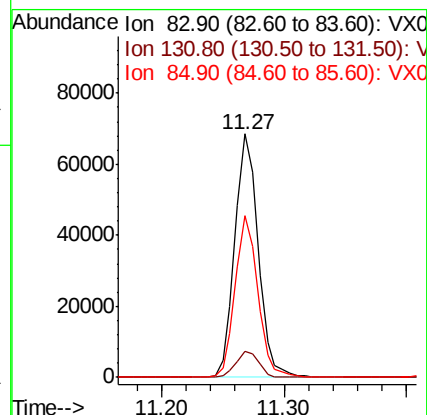
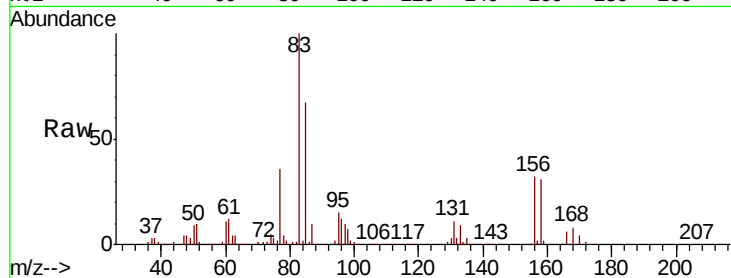
Tot Ion: 83 Resp: 90041

Ion Ratio Lower Upper

83 100

131 10.5 5.1 15.3

85 64.6 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 24.299 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX005045.D

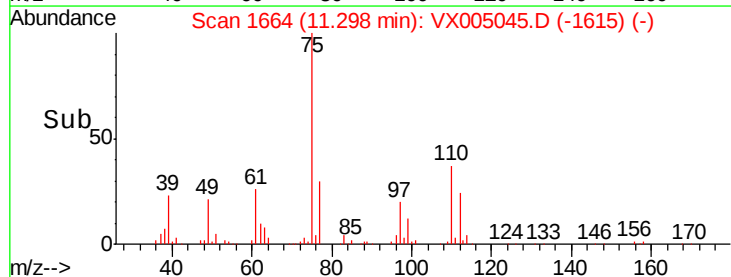
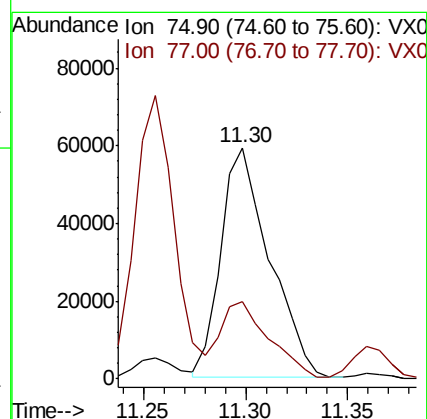
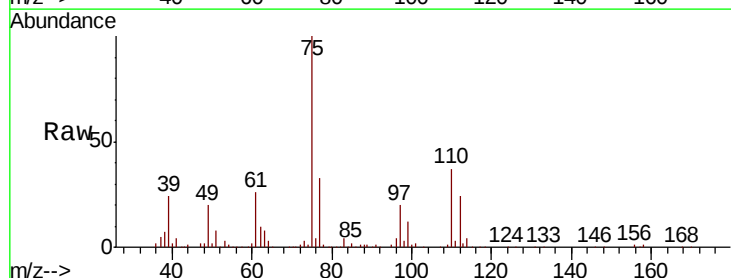
Acq: 05 Oct 2018 04:04

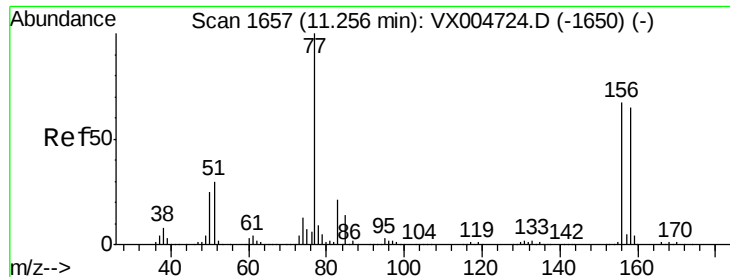
Tgt Ion: 75 Resp: 97490

Ion Ratio Lower Upper

75 100

77 33.7 21.4 64.3





#77

Bromobenzene

Concen: 20.437 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX005045.D

Acq: 05 Oct 2018 04:04

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBS04

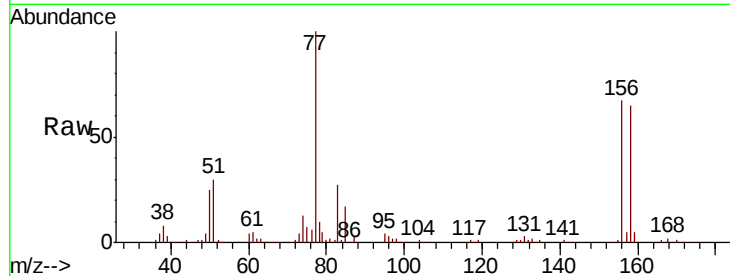
Tot Ion:156 Resp: 66975

Ion Ratio Lower Upper

156 100

77 147.1 73.4 220.2

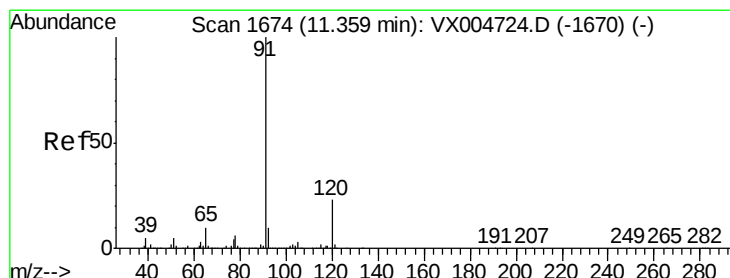
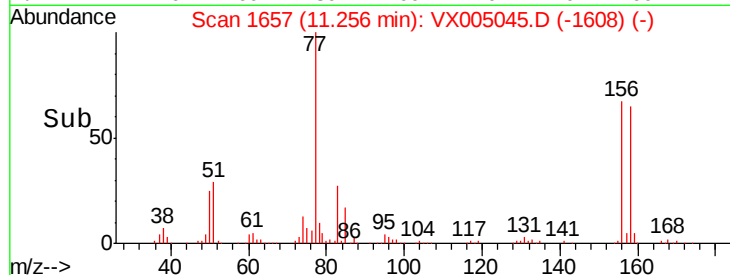
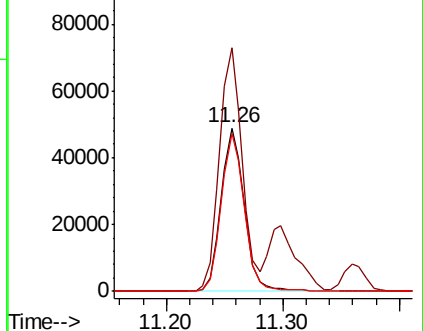
158 96.7 49.1 147.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.008 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX005045.D

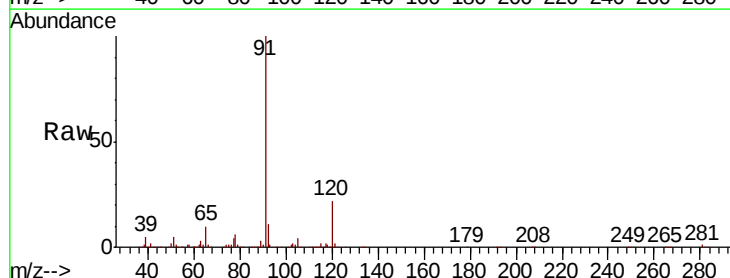
Acq: 05 Oct 2018 04:04

Tgt Ion: 91 Resp: 271972

Ion Ratio Lower Upper

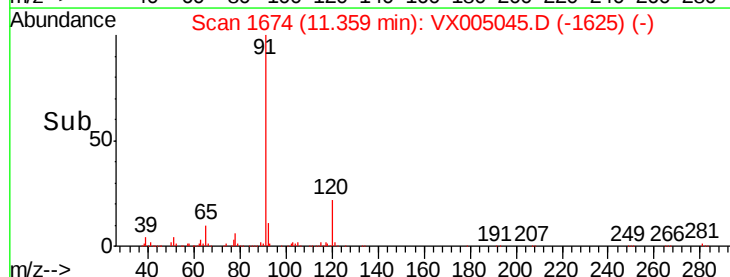
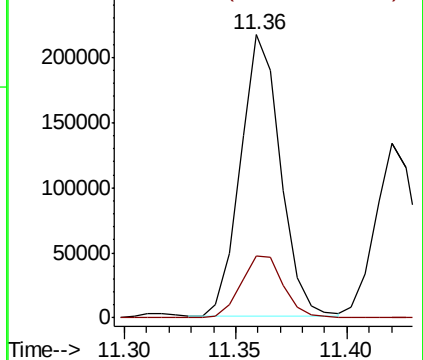
91 100

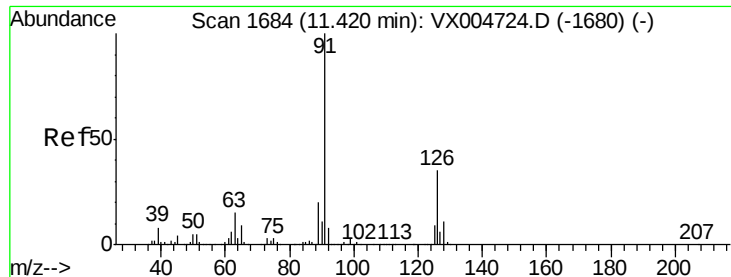
120 23.5 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.092 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX005045.D

Acq: 05 Oct 2018 04:04

Instrument :

MSVOA_X

ClientSampleId :

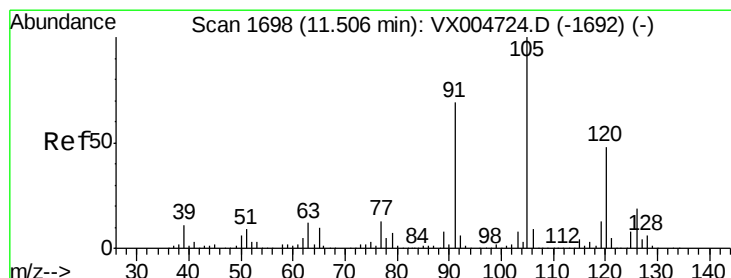
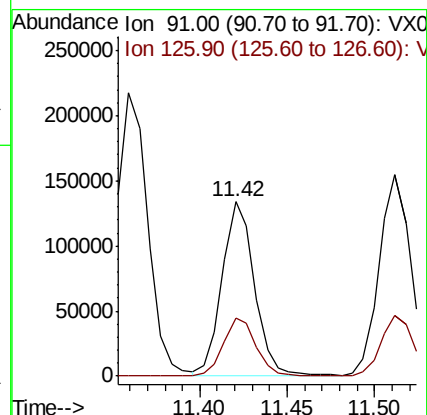
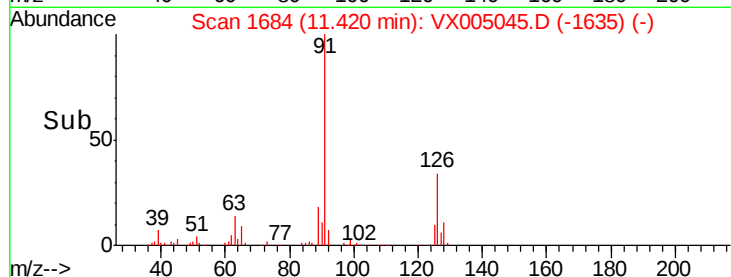
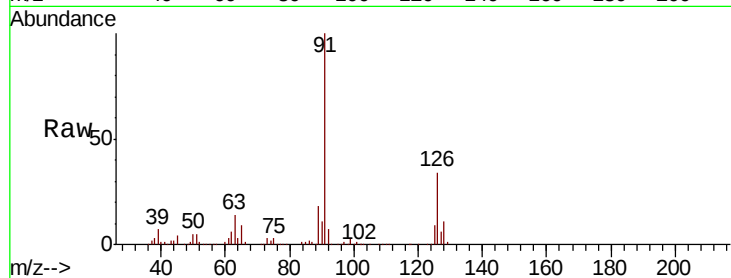
VX1004WBS04

Tot Ion: 91 Resp: 170200

Ion Ratio Lower Upper

91 100

126 34.8 17.6 52.9



#80

1,3,5-Trimethylbenzene

Concen: 19.632 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX005045.D

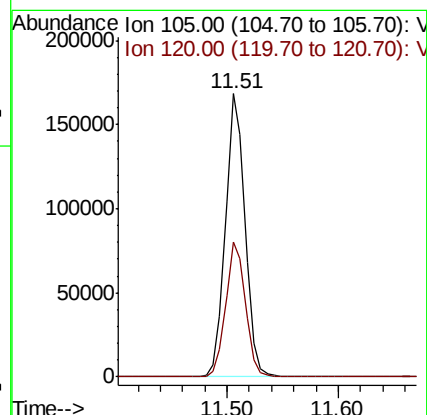
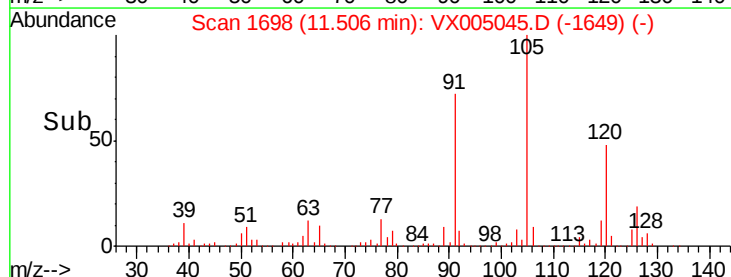
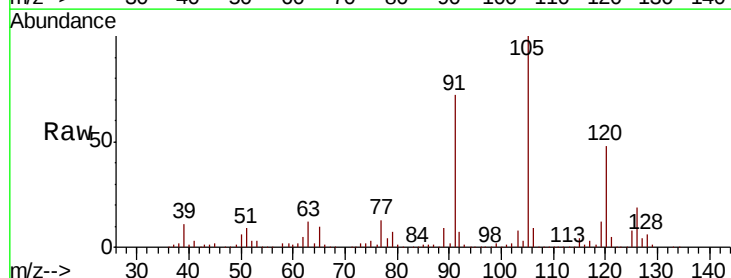
Acq: 05 Oct 2018 04:04

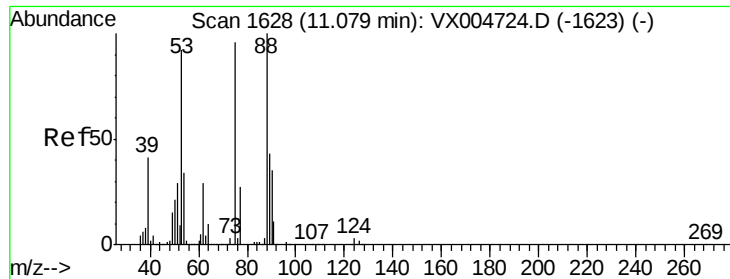
Tgt Ion: 105 Resp: 204261

Ion Ratio Lower Upper

105 100

120 48.1 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 14.961 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.01 min

Lab File: VX005045.D

Acq: 05 Oct 2018 04:04

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBS04

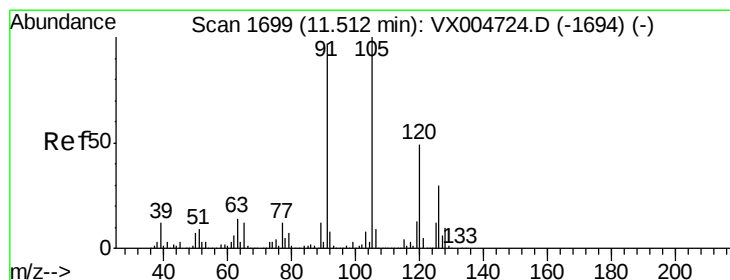
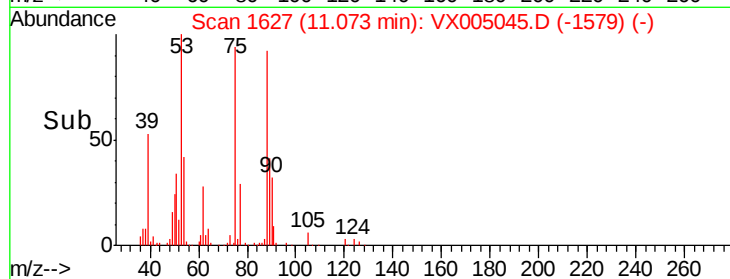
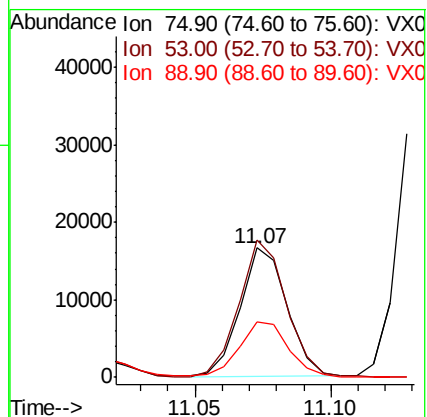
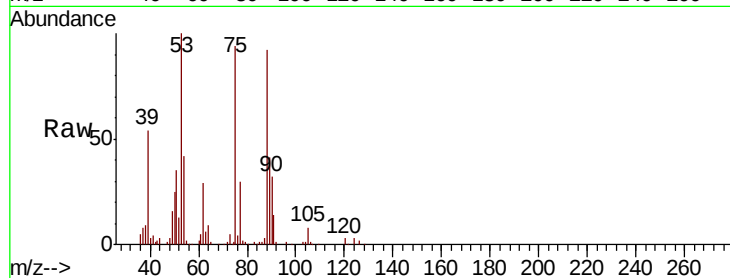
Tot Ion: 75 Resp: 19875

Ion Ratio Lower Upper

75 100

53 106.7 80.2 120.4

89 45.9 37.1 55.7



#82

4-Chlorotoluene

Concen: 20.811 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX005045.D

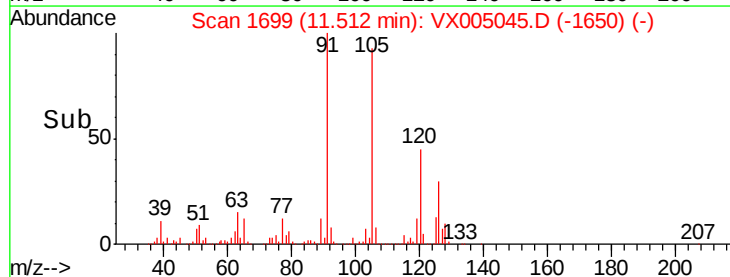
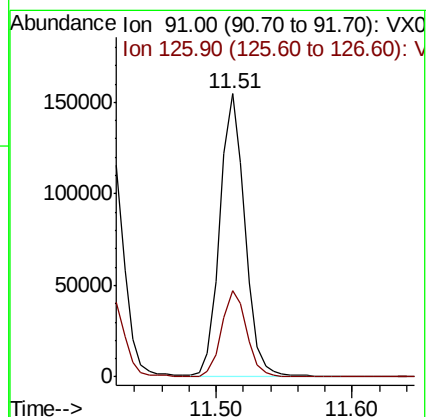
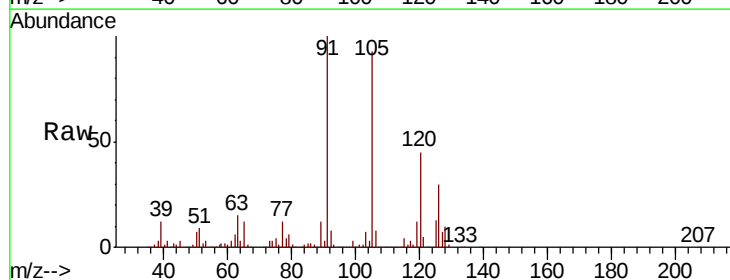
Acq: 05 Oct 2018 04:04

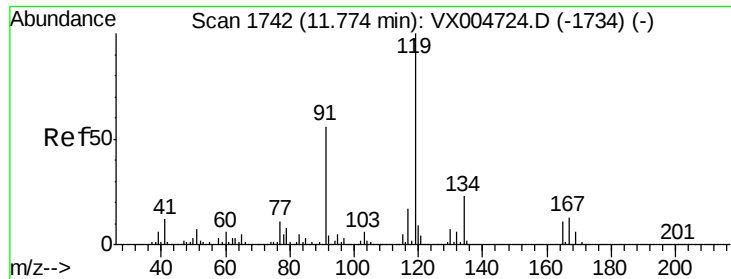
Tgt Ion: 91 Resp: 197663

Ion Ratio Lower Upper

91 100

126 30.7 15.5 46.5

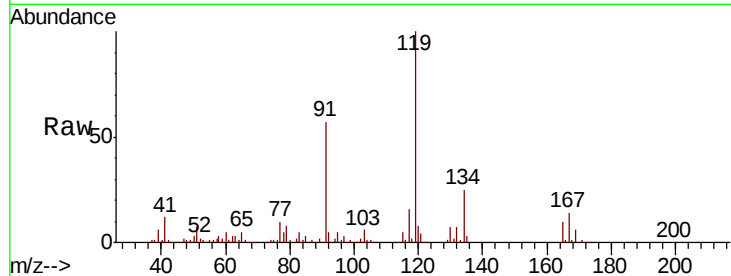




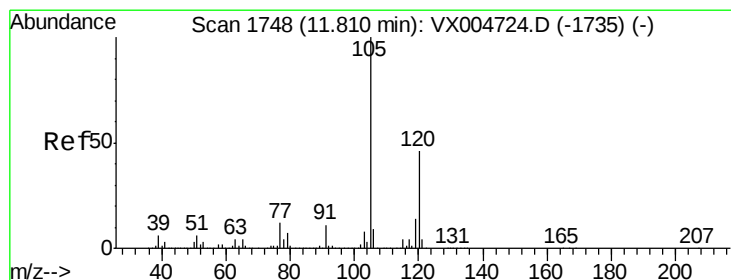
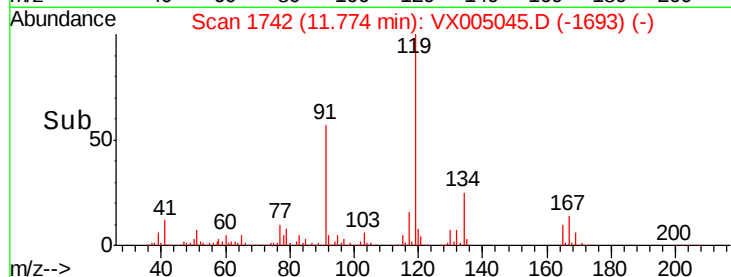
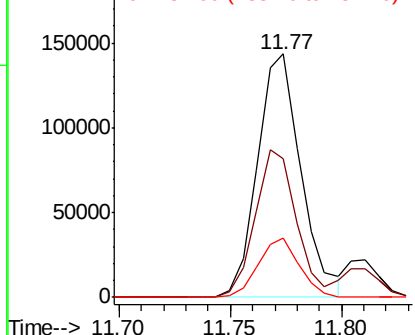
#83
 tert-Butylbenzene
 Concen: 21.080 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: VX005045.D
 Acq: 05 Oct 2018 04:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBS04

Tot Ion:119 Resp: 195828
 Ion Ratio Lower Upper
 119 100
 91 57.1 27.5 82.5
 134 23.3 11.5 34.4

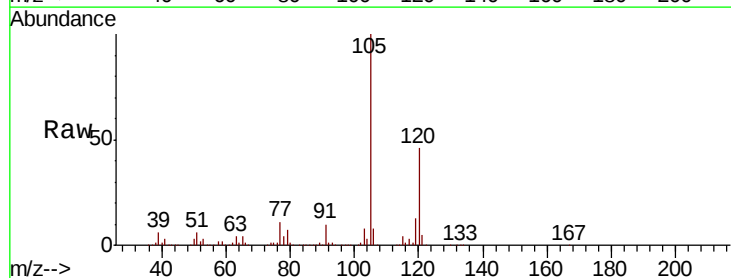


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX
 Ion 134.00 (133.70 to 134.70): V

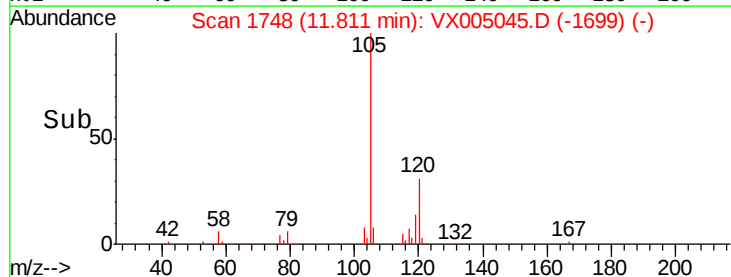
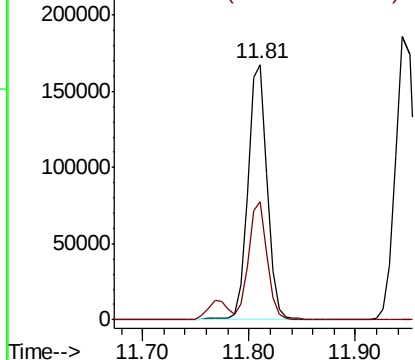


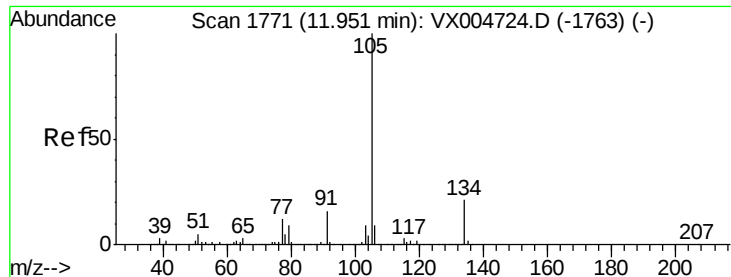
#84
 1,2,4-Trimethylbenzene
 Concen: 19.776 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX005045.D
 Acq: 05 Oct 2018 04:04

Tgt Ion:105 Resp: 212174
 Ion Ratio Lower Upper
 105 100
 120 44.8 22.8 68.3



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.950 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX005045.D

Acq: 05 Oct 2018 04:04

Instrument :

MSVOA_X

ClientSampleId :

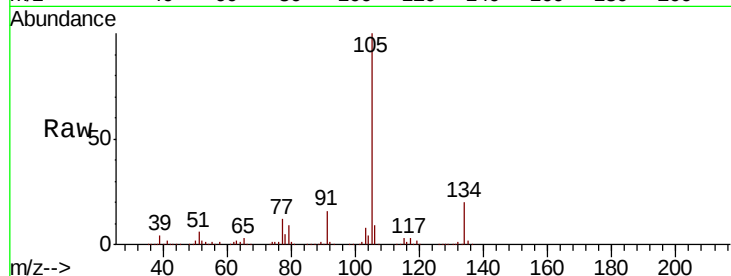
VX1004WBS04

Tot Ion:105 Resp: 237050

Ion Ratio Lower Upper

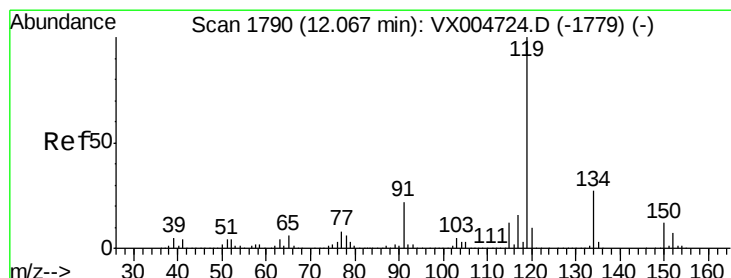
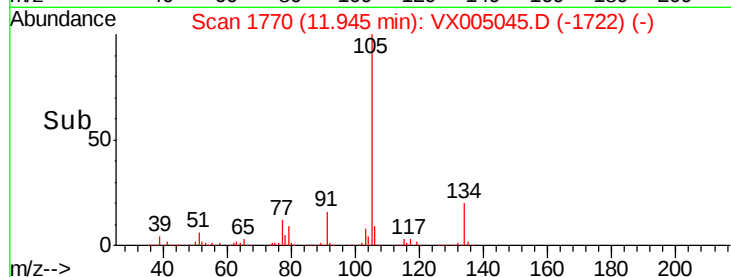
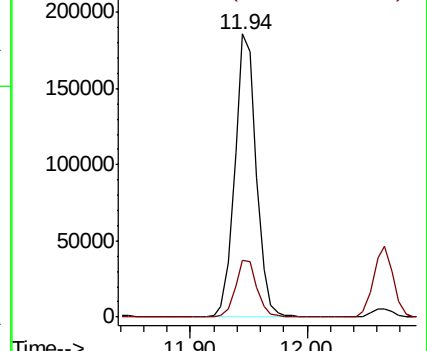
105 100

134 20.1 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.471 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX005045.D

Acq: 05 Oct 2018 04:04

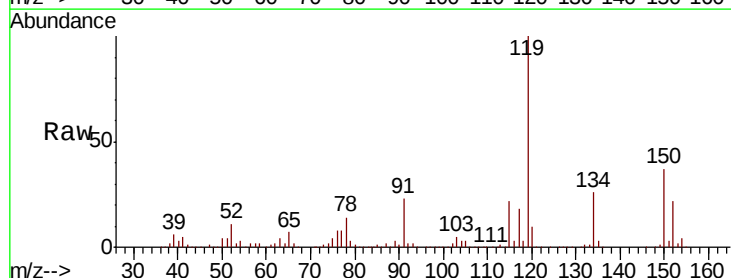
Tgt Ion:119 Resp: 209855

Ion Ratio Lower Upper

119 100

134 26.3 13.4 40.1

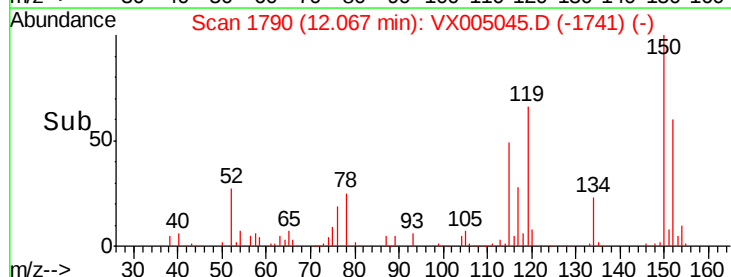
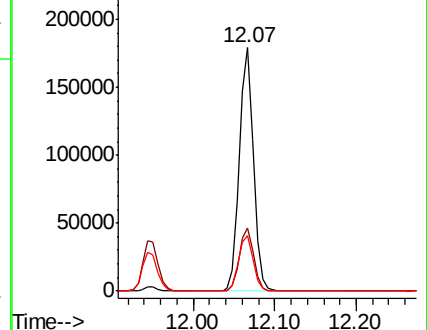
91 23.5 11.5 34.4

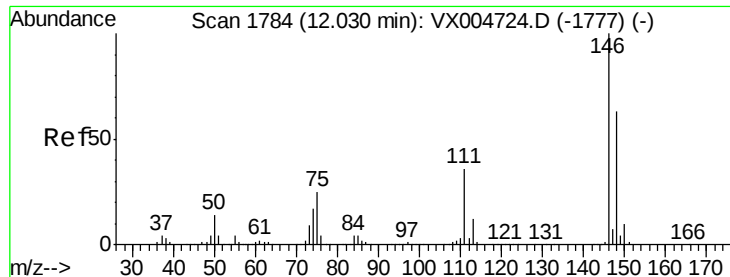


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

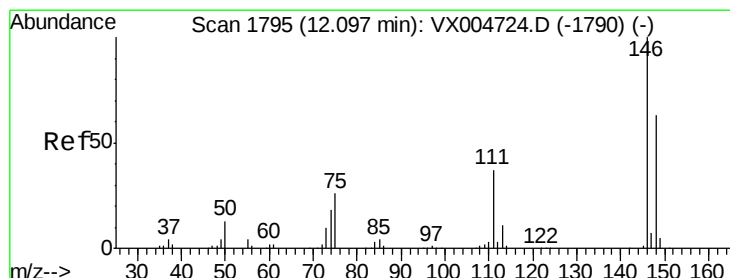
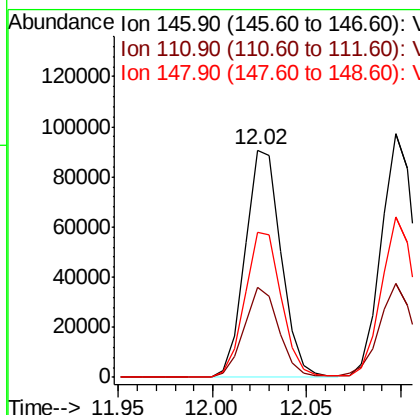
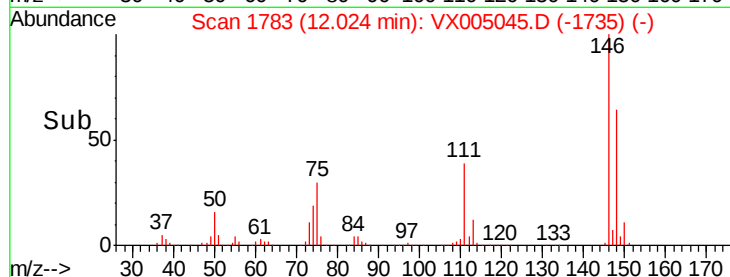
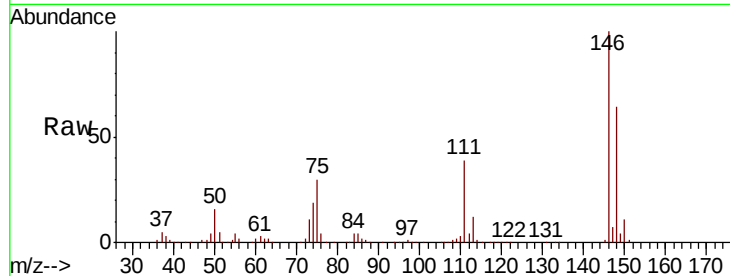




#87
 1,3-Dichlorobenzene
 Concen: 19.706 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: VX005045.D
 Acq: 05 Oct 2018 04:04

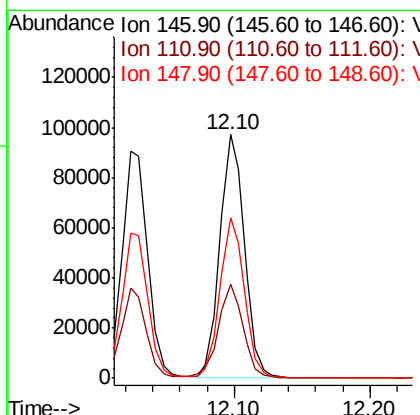
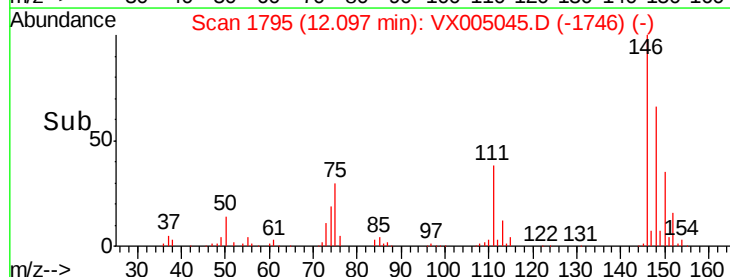
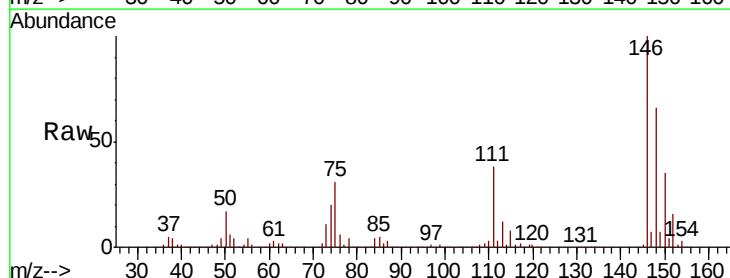
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBS04

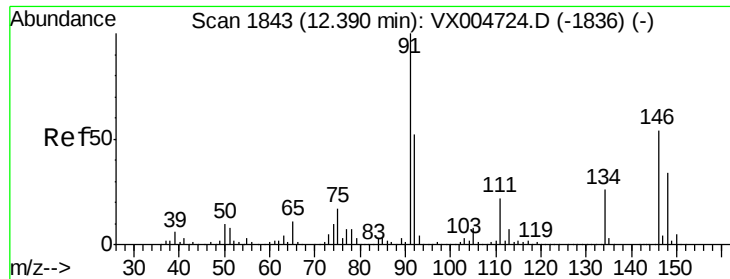
Tot Ion:146 Resp: 120588
 Ion Ratio Lower Upper
 146 100
 111 38.2 18.9 56.9
 148 64.6 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 19.394 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX005045.D
 Acq: 05 Oct 2018 04:04

Tgt Ion:146 Resp: 122513
 Ion Ratio Lower Upper
 146 100
 111 39.1 18.4 55.2
 148 65.5 32.0 96.0

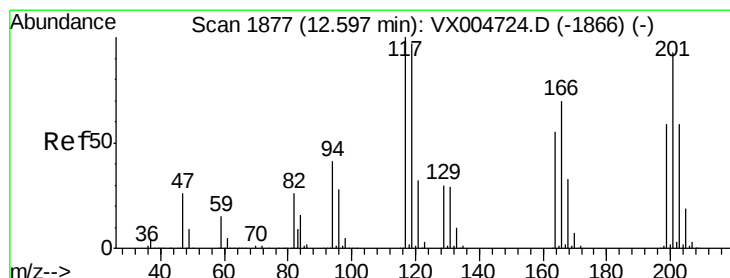
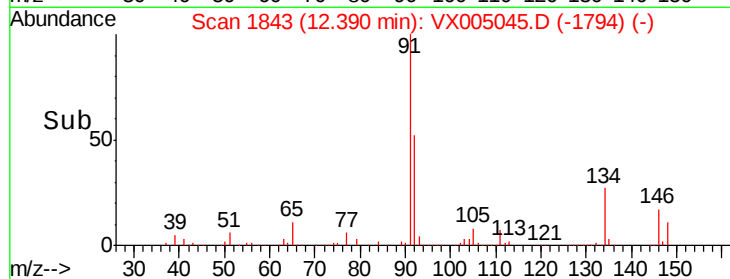
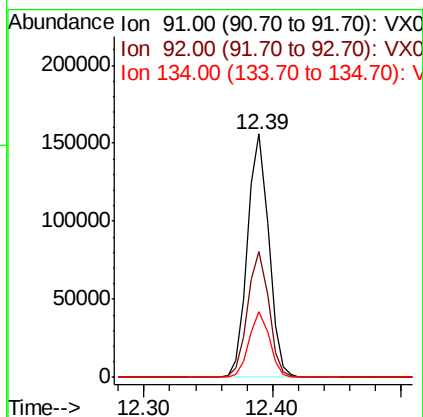
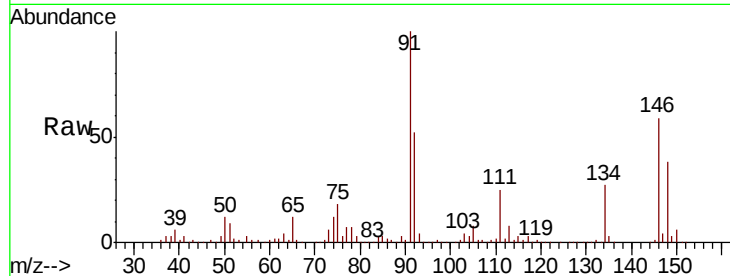




#89
n-Butylbenzene
Concen: 19.011 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX005045.D
Acq: 05 Oct 2018 04:04

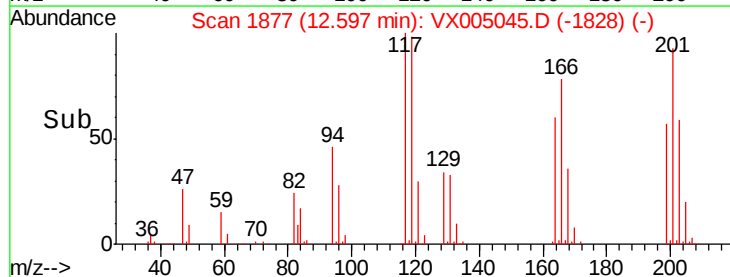
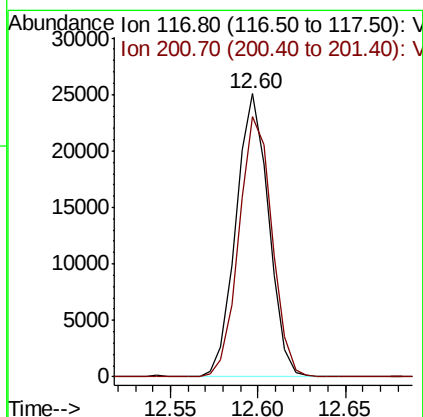
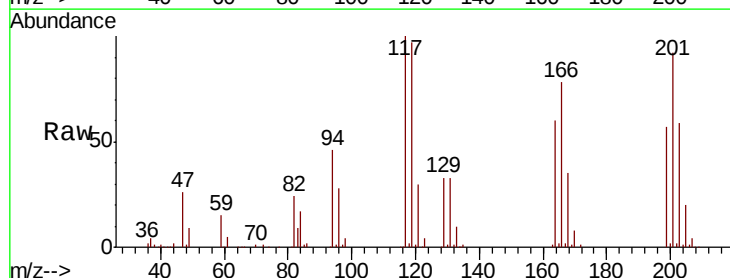
Instrument :
MSVOA_X
ClientSampled :
VX1004WBS04

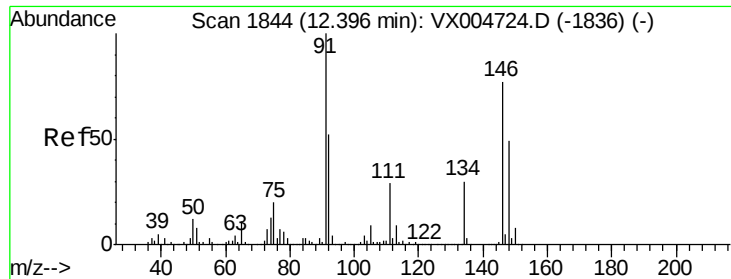
Tot Ion: 91 Resp: 176996
Ion Ratio Lower Upper
91 100
92 51.5 26.0 78.0
134 26.2 13.2 39.6



#90
Hexachloroethane
Concen: 19.102 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX005045.D
Acq: 05 Oct 2018 04:04

Tgt Ion: 117 Resp: 32605
Ion Ratio Lower Upper
117 100
201 92.8 48.4 145.0

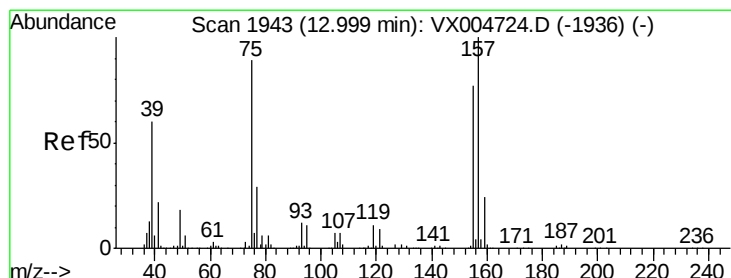
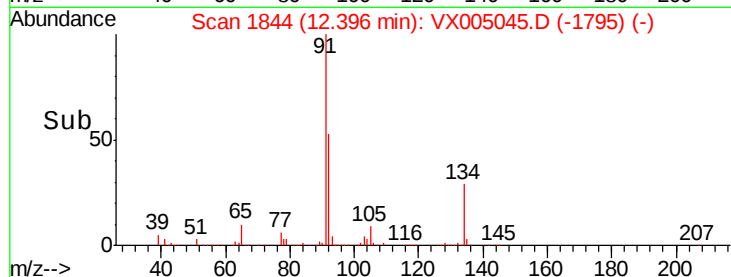
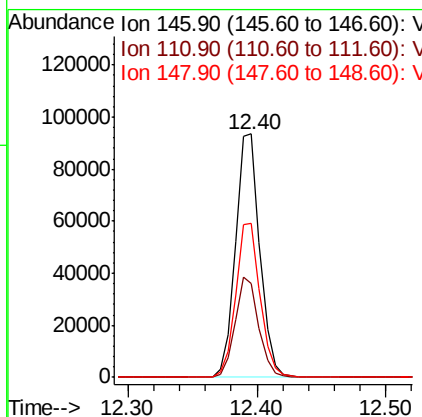
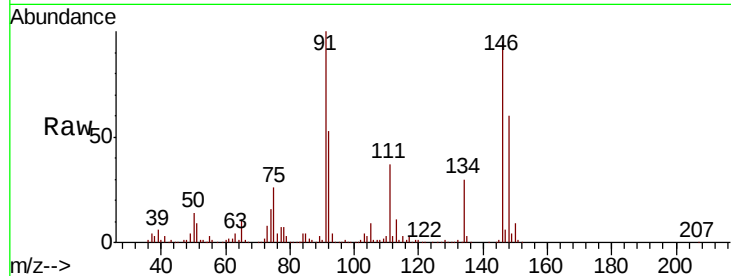




#91
 1,2-Dichlorobenzene
 Concen: 19.222 ug/l
 RT: 12.40 min Scan# 1844
 Delta R.T. 0.00 min
 Lab File: VX005045.D
 Acq: 05 Oct 2018 04:04

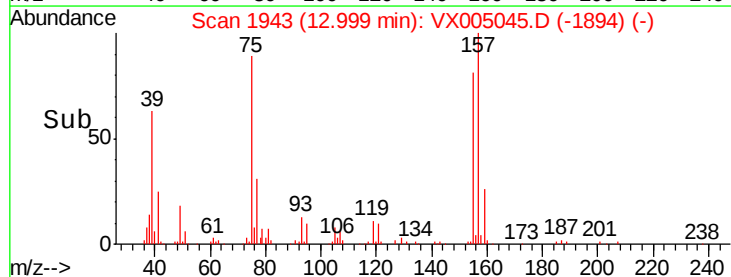
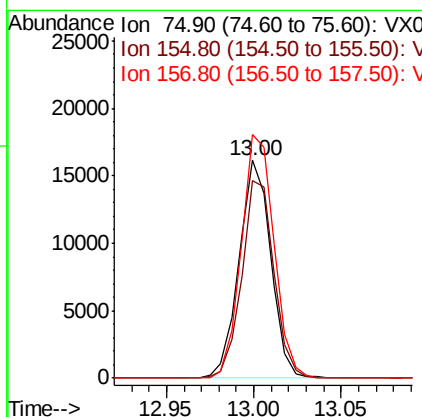
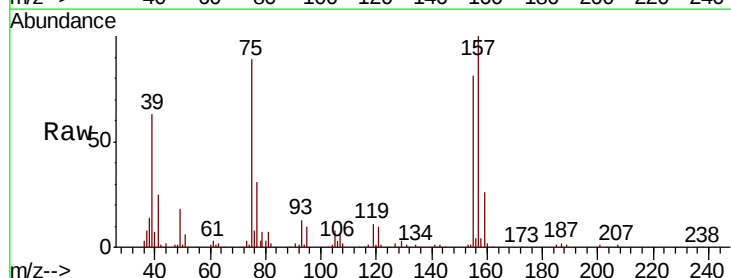
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBS04

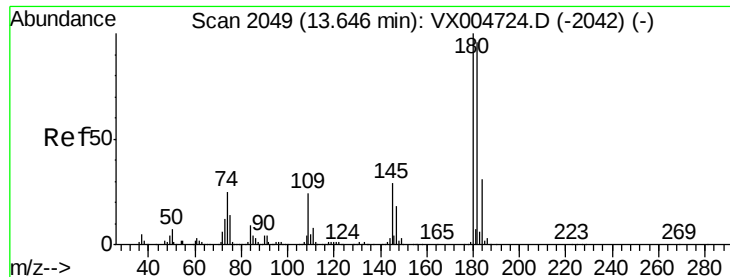
Tot Ion:146 Resp: 122926
 Ion Ratio Lower Upper
 146 100
 111 40.0 19.6 58.7
 148 63.5 31.8 95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.163 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX005045.D
 Acq: 05 Oct 2018 04:04

Tgt Ion: 75 Resp: 20334
 Ion Ratio Lower Upper
 75 100
 155 91.7 46.1 138.3
 157 114.8 60.2 180.6

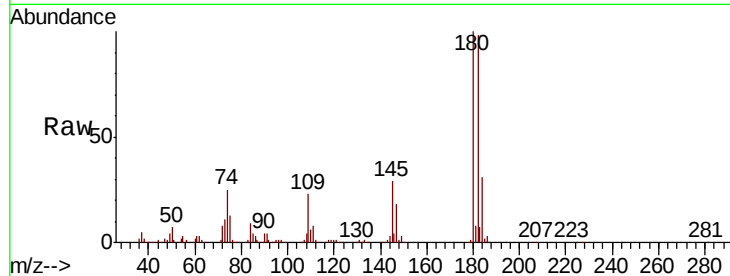




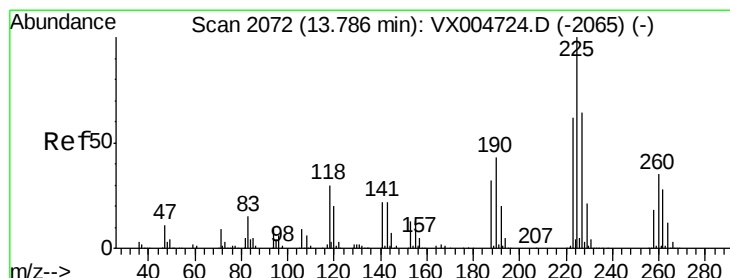
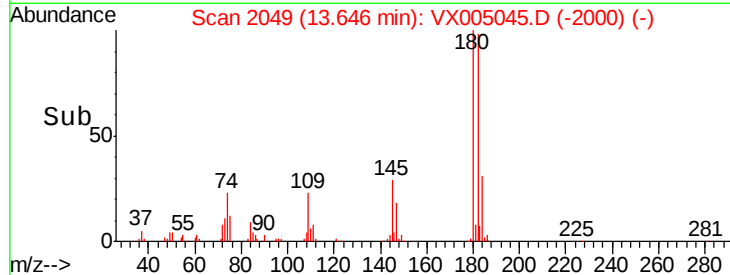
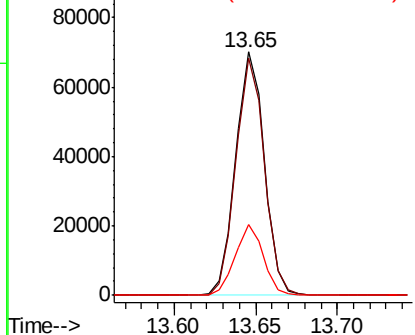
#93
 1,2,4-Trichlorobenzene
 Concen: 19.114 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX005045.D
 Acq: 05 Oct 2018 04:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBS04

Tot Ion:180 Resp: 85748
 Ion Ratio Lower Upper
 180 100
 182 97.1 47.8 143.4
 145 28.4 14.1 42.4

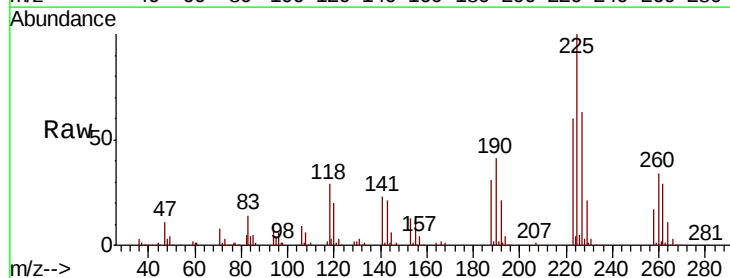


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

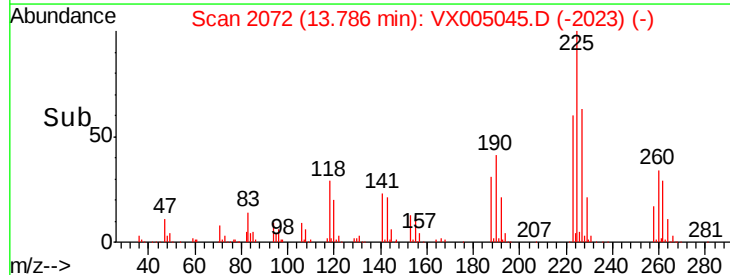
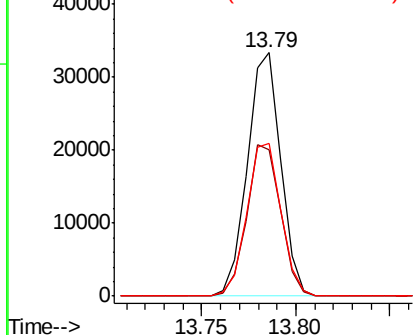


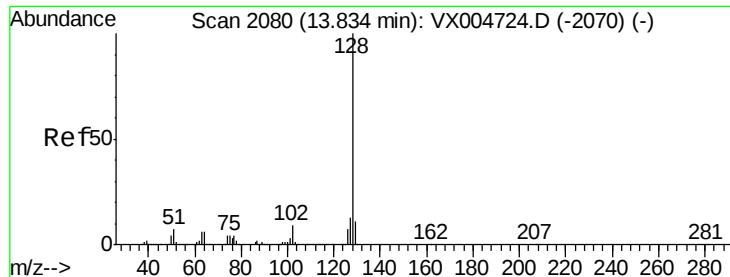
#94
 Hexachlorobutadiene
 Concen: 17.607 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VX005045.D
 Acq: 05 Oct 2018 04:04

Tgt Ion:225 Resp: 40958
 Ion Ratio Lower Upper
 225 100
 223 62.9 31.3 93.8
 227 64.3 31.9 95.5



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 19.243 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX005045.D

Acq: 05 Oct 2018 04:04

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBS04

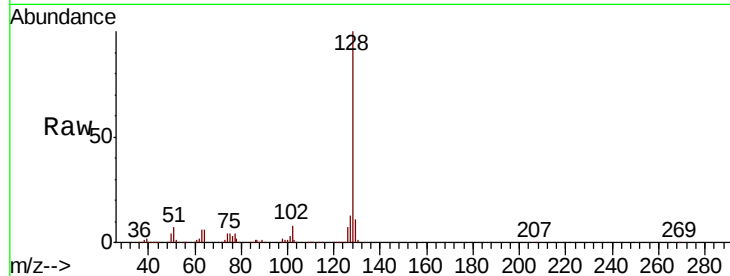
Tot Ion:128 Resp: 279842

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

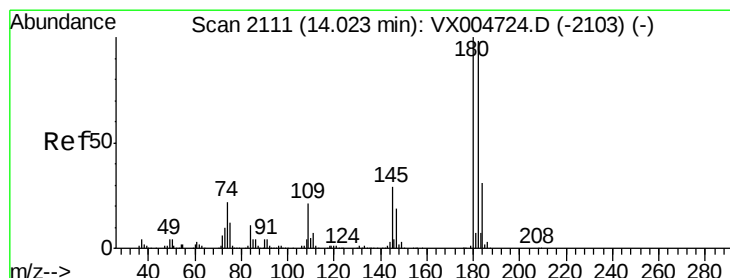
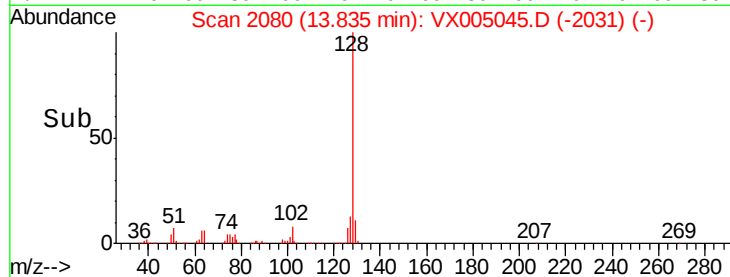
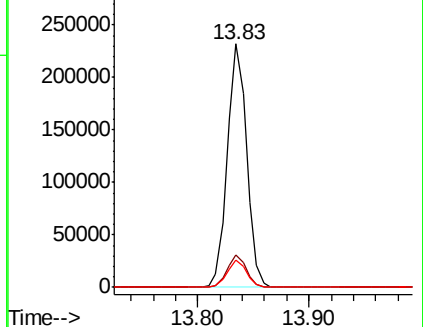
129 11.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.776 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.01 min

Lab File: VX005045.D

Acq: 05 Oct 2018 04:04

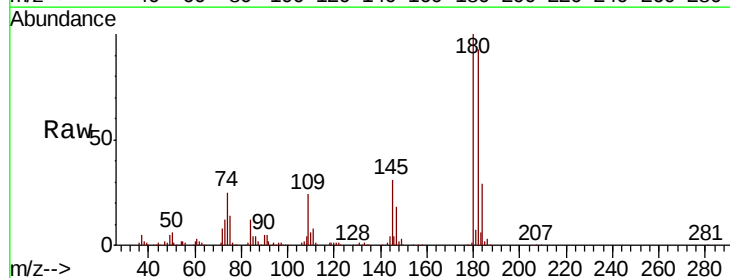
Tgt Ion:180 Resp: 91646

Ion Ratio Lower Upper

180 100

182 94.3 47.9 143.8

145 29.7 15.0 45.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

