

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100418\
 Data File : VX005046.D
 Acq On : 05 Oct 2018 04:30
 Operator : JC/MD
 Sample : VX1004WBSD03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 84 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBSD04

Quant Time: Oct 05 05:21:09 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	208723	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	334467	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	304389	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	181150	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	159970	53.65	ug/l	0.00
Spiked Amount			Recovery	=	107.30%	
35) Dibromofluoromethane	5.51	113	126898	44.77	ug/l	0.00
Spiked Amount			Recovery	=	89.54%	
50) Toluene-d8	8.72	98	474043	50.30	ug/l	0.00
Spiked Amount			Recovery	=	100.60%	
62) 4-Bromofluorobenzene	11.14	95	173844	51.21	ug/l	0.00
Spiked Amount			Recovery	=	102.42%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	62257	21.876	ug/l	99
3) Chloromethane	1.32	50	72231	20.920	ug/l	95
4) Vinyl Chloride	1.40	62	72707	22.452	ug/l	98
5) Bromomethane	1.64	94	43436	22.619	ug/l	92
6) Chloroethane	1.72	64	42051	22.550	ug/l #	84
7) Trichlorofluoromethane	1.93	101	87481	21.821	ug/l	88
8) Diethyl Ether	2.19	74	37363	21.453	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.38	101	49213	21.550	ug/l	99
10) Methyl Iodide	2.51	142	48939	16.015	ug/l	93
11) Tert butyl alcohol	3.07	59	99140	118.918	ug/l	99
12) 1,1-Dichloroethene	2.37	96	49289	21.794	ug/l	89
13) Acrolein	2.29	56	16299	27.478	ug/l	86
14) Allyl chloride	2.73	41	105791	21.439	ug/l	95
15) Acrylonitrile	3.15	53	214478	116.865	ug/l	97
16) Acetone	2.45	43	191955	110.273	ug/l	92
17) Carbon Disulfide	2.57	76	133266	19.610	ug/l	99
18) Methyl Acetate	2.78	43	120648	27.356	ug/l	96
19) Methyl tert-butyl Ether	3.21	73	187515	24.037	ug/l	98
20) Methylene Chloride	2.85	84	58722	22.744	ug/l #	83
21) trans-1,2-Dichloroethene	3.16	96	52353	21.147	ug/l #	83
22) Diisopropyl ether	3.87	45	193594	23.298	ug/l	96
23) Vinyl Acetate	3.82	43	838979	110.304	ug/l	96
24) 1,1-Dichloroethane	3.70	63	105000	21.184	ug/l	100
25) 2-Butanone	4.70	43	283836	110.620	ug/l	91
26) 2,2-Dichloropropane	4.59	77	47880	13.872	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	59579	21.542	ug/l	94
28) Bromochloromethane	5.01	49	53708	23.010	ug/l	94
29) Tetrahydrofuran	5.15	42	190156	119.236	ug/l	97
30) Chloroform	5.21	83	102576	21.897	ug/l	94
31) Cyclohexane	5.57	56	81972	21.608	ug/l	90
32) 1,1,1-Trichloroethane	5.49	97	83351	21.787	ug/l	96
36) 1,1-Dichloropropene	5.80	75	68442	17.697	ug/l	95
37) Ethyl Acetate	4.86	43	98463	19.179	ug/l	97
38) Carbon Tetrachloride	5.78	117	71344	17.549	ug/l	89

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 84 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBSD04

Quant Time: Oct 05 05:21:09 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	71159	18.019	ug/l #	85
40) Benzene	6.15	78	220835	18.239	ug/l	92
41) Methacrylonitrile	5.06	41	56261	19.761	ug/l	98
42) 1,2-Dichloroethane	6.20	62	82137	19.190	ug/l	97
43) Isopropyl Acetate	6.46	43	137389	18.542	ug/l	96
44) Trichloroethene	7.21	130	57400	19.284	ug/l	92
45) 1,2-Dichloropropane	7.52	63	58287	19.630	ug/l	99
46) Dibromomethane	7.66	93	37411	20.048	ug/l	99
47) Bromodichloromethane	7.90	83	70844	20.277	ug/l	99
48) Methyl methacrylate	7.78	41	71537	21.271	ug/l	98
49) 1,4-Dioxane	7.76	88	33369	399.366	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	506740	108.613	ug/l	98
52) Toluene	8.79	92	134288	20.184	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	71136	18.018	ug/l	93
54) cis-1,3-Dichloropropene	8.44	75	79747	19.284	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	57437	19.709	ug/l	96
56) Ethyl methacrylate	9.18	69	83458	19.500	ug/l	98
57) 1,3-Dichloropropane	9.37	76	94048	19.390	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	238843	103.939	ug/l	99
59) 2-Hexanone	9.50	43	395564	101.743	ug/l	95
60) Dibromochloromethane	9.59	129	55659	19.097	ug/l	100
61) 1,2-Dibromoethane	9.68	107	59165	18.957	ug/l	97
64) Tetrachloroethene	9.34	164	60405	20.163	ug/l	96
65) Chlorobenzene	10.14	112	148942	19.082	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	54110	19.719	ug/l	99
67) Ethyl Benzene	10.26	91	242586	19.576	ug/l	95
68) m/p-Xylenes	10.36	106	188709	38.970	ug/l	94
69) o-Xylene	10.70	106	91848	20.650	ug/l	100
70) Styrene	10.71	104	155321	20.013	ug/l	100
71) Bromoform	10.86	173	44940	19.130	ug/l #	97
73) Isopropylbenzene	11.02	105	247581	21.683	ug/l	100
74) N-amyl acetate	10.90	43	116736	19.698	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	91123	19.605	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	99776	24.574	ug/l	85
77) Bromobenzene	11.26	156	68622	20.691	ug/l	98
78) n-propylbenzene	11.36	91	277532	21.184	ug/l	100
79) 2-Chlorotoluene	11.42	91	173016	21.187	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	207476	19.706	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	20090	14.946	ug/l	96
82) 4-Chlorotoluene	11.51	91	203529	21.175	ug/l	99
83) tert-Butylbenzene	11.77	119	200360	21.313	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	216124	19.907	ug/l	100
85) sec-Butylbenzene	11.94	105	241377	21.080	ug/l	100
86) p-Isopropyltoluene	12.07	119	213825	20.611	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	121880	19.681	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	126306	19.757	ug/l	99
89) n-Butylbenzene	12.39	91	180672	19.176	ug/l	100
90) Hexachloroethane	12.60	117	33581	19.441	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	124202	19.191	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	20806	20.387	ug/l	98

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Misc : 5.0mL/MSVOA X/WATER
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Instrument :
MSVOA_X
ClientSampleId :
VX1004WBSD04

Quant Time: Oct 05 05:21:09 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	89089	19.624	ug/l	100
94) Hexachlorobutadiene	13.79	225	41208	17.504	ug/l	99
95) Naphthalene	13.83	128	290273	19.706	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	93633	19.966	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: VX005046.D

Acq: 05 Oct 2018 04:30

Instrument :

MSVOA_X

ClientSampleId :

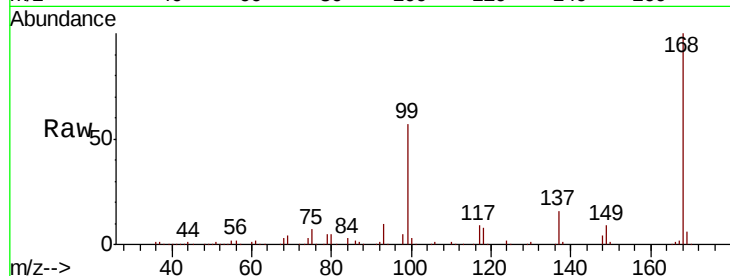
VX1004WBSD04

Tot Ion:168 Resp: 208723

Ion Ratio Lower Upper

168 100

99 56.8 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

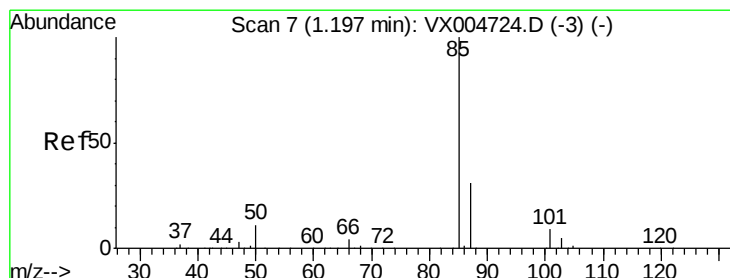
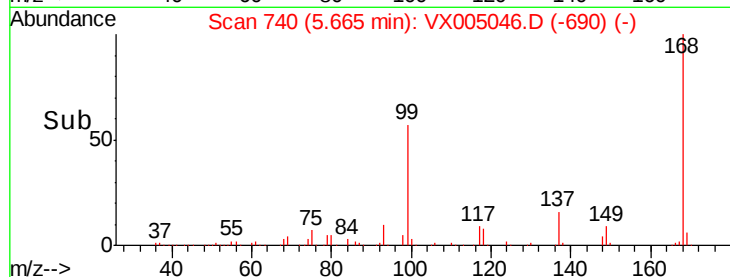
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 21.876 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005046.D

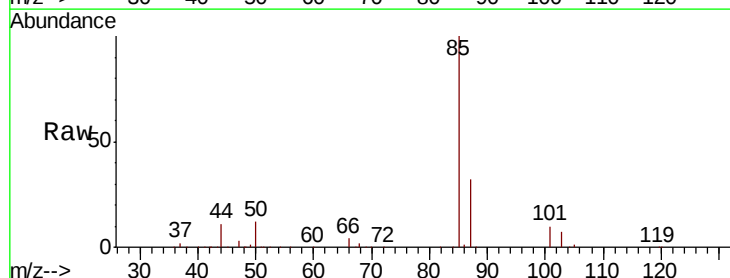
Acq: 05 Oct 2018 04:30

Tgt Ion: 85 Resp: 62257

Ion Ratio Lower Upper

85 100

87 32.1 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

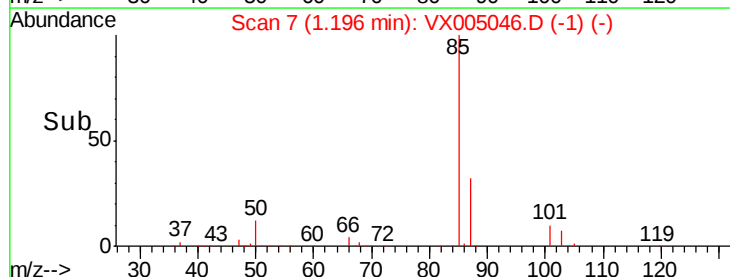
60000

40000

20000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 20.920 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005046.D

Acq: 05 Oct 2018 04:30

Instrument :

MSVOA_X

ClientSampleId :

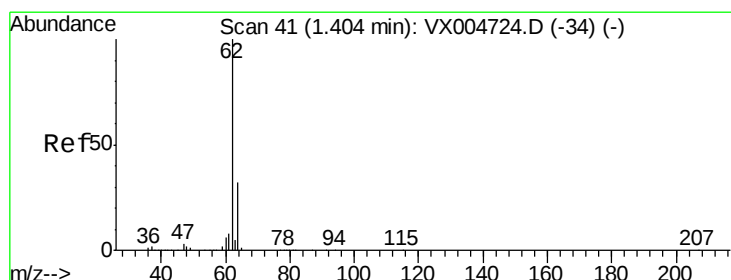
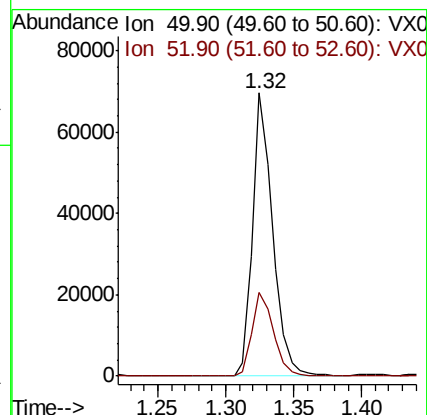
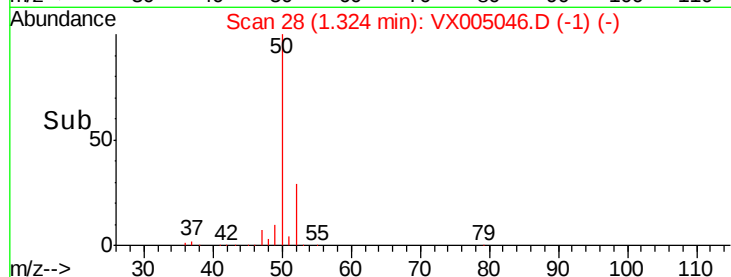
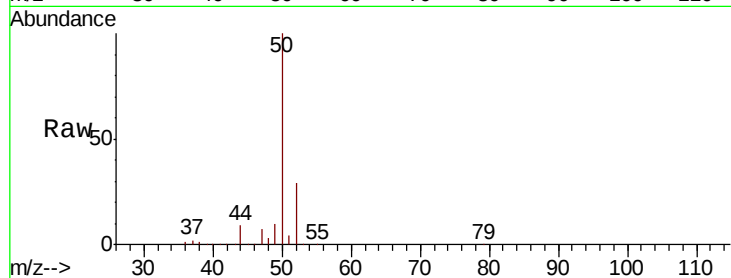
VX1004WBSD04

Tot Ion: 50 Resp: 72231

Ion Ratio Lower Upper

50 100

52 29.4 25.8 38.6



#4

Vinyl Chloride

Concen: 22.452 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX005046.D

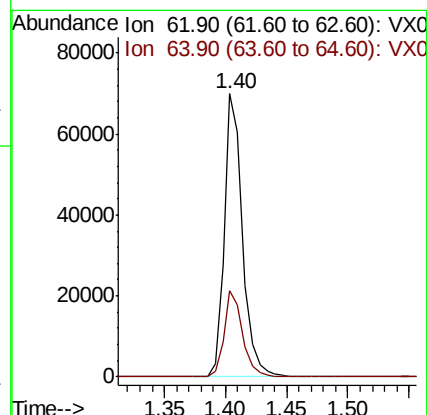
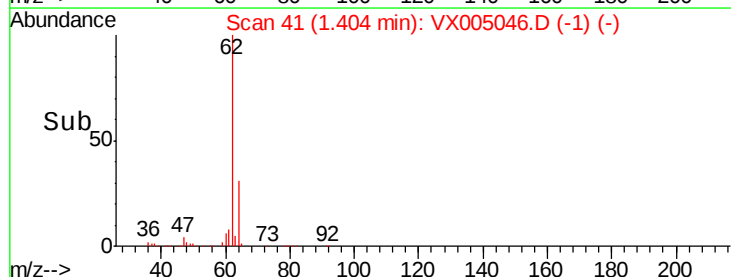
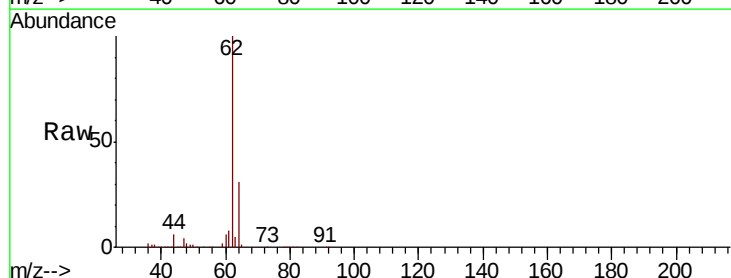
Acq: 05 Oct 2018 04:30

Tgt Ion: 62 Resp: 72707

Ion Ratio Lower Upper

62 100

64 30.6 25.5 38.3





#5

Bromomethane

Concen: 22.619 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005046.D

Acq: 05 Oct 2018 04:30

Instrument :

MSVOA_X

ClientSampleId :

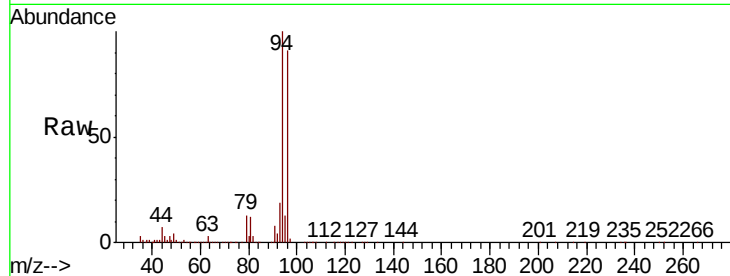
VX1004WBSD04

Tot Ion: 94 Resp: 43436

Ion Ratio Lower Upper

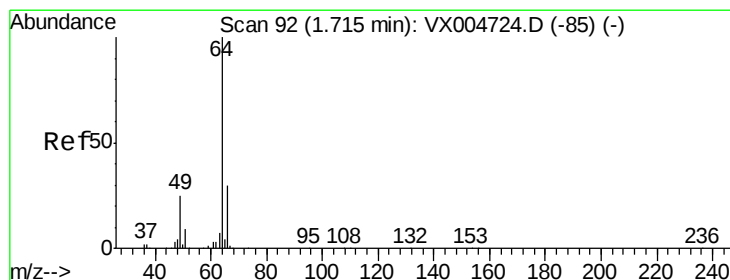
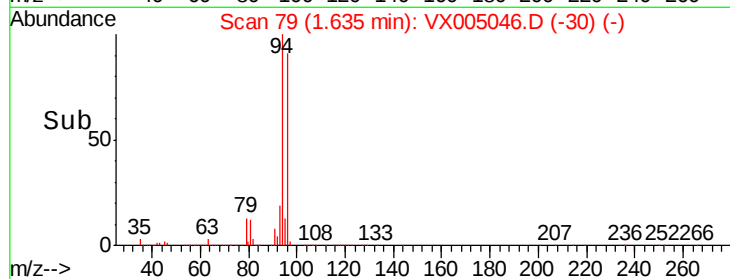
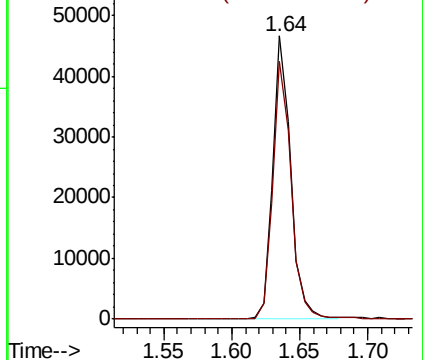
94 100

96 91.1 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: 22.550 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX005046.D

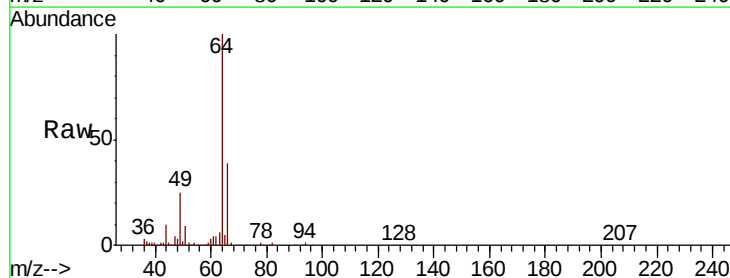
Acq: 05 Oct 2018 04:30

Tgt Ion: 64 Resp: 42051

Ion Ratio Lower Upper

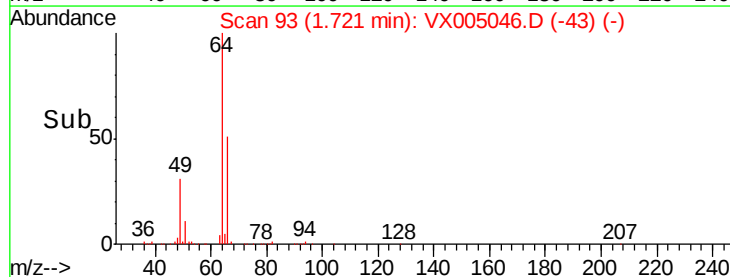
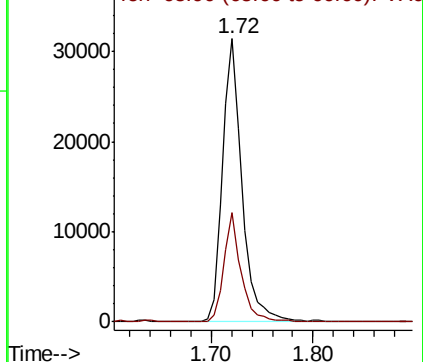
64 100

66 38.6 23.8 35.6#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



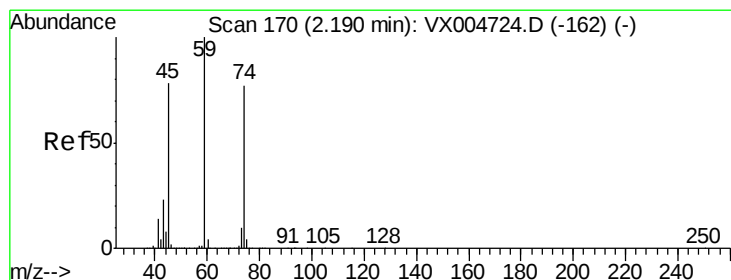
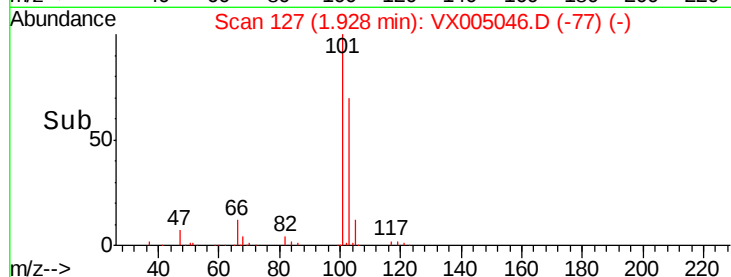
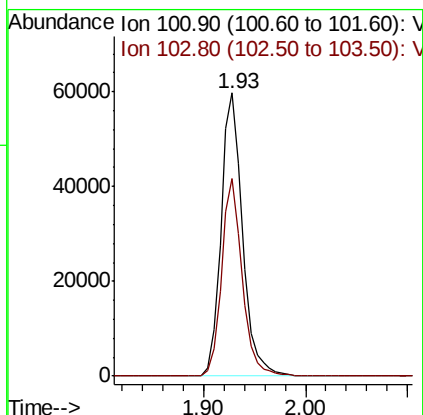
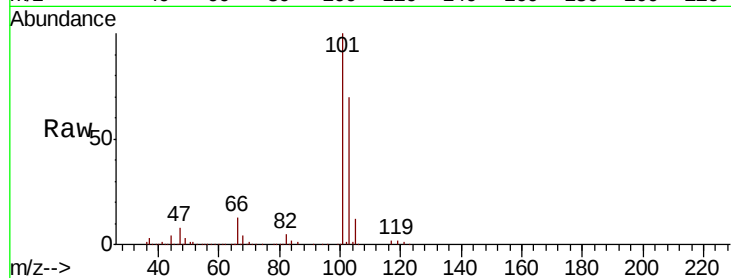


#7

Trichlorofluoromethane
 Concen: 21.821 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX005046.D
 Acq: 05 Oct 2018 04:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBSD04

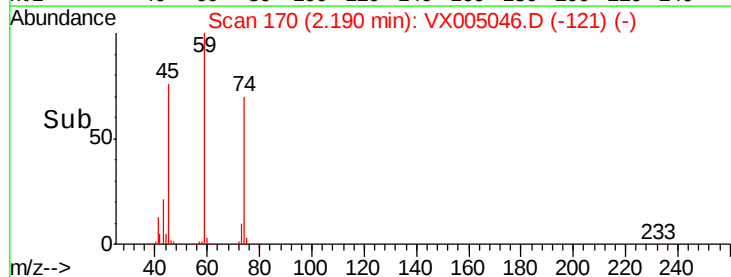
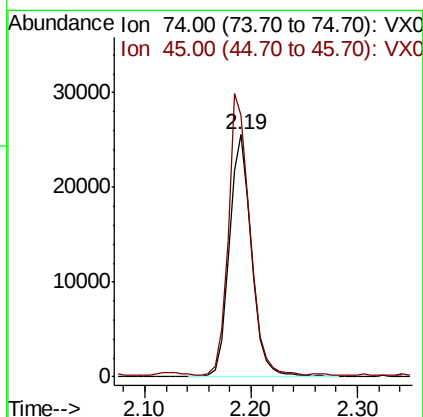
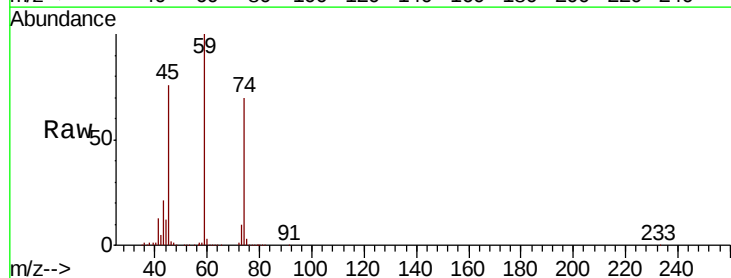
Tot Ion:101 Resp: 87481
 Ion Ratio Lower Upper
 101 100
 103 69.8 48.4 72.6

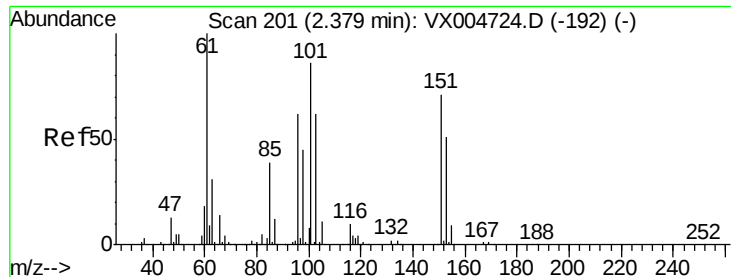


#8

Diethyl Ether
 Concen: 21.453 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX005046.D
 Acq: 05 Oct 2018 04:30

Tgt Ion: 74 Resp: 37363
 Ion Ratio Lower Upper
 74 100
 45 111.6 52.5 157.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.550 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX005046.D

Acq: 05 Oct 2018 04:30

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBSD04

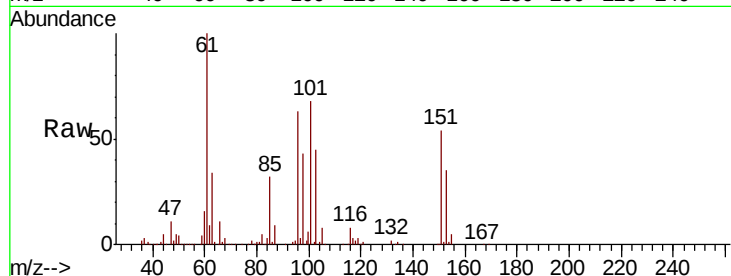
Tot Ion:101 Resp: 49213

Ion Ratio Lower Upper

101 100

85 45.3 35.9 53.9

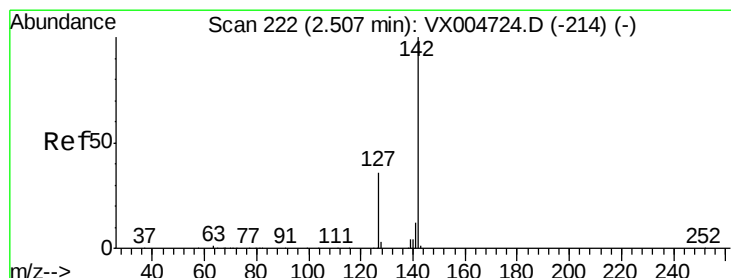
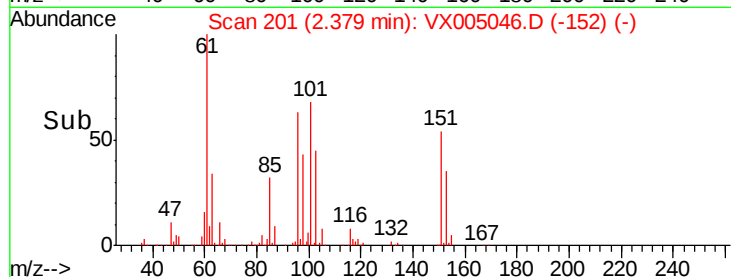
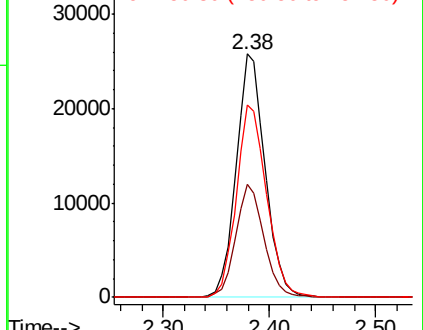
151 82.8 66.6 100.0



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: 16.015 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX005046.D

Acq: 05 Oct 2018 04:30

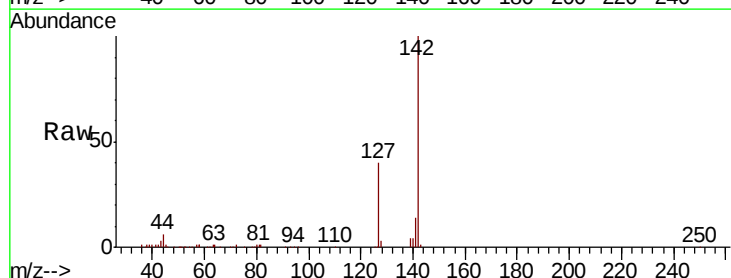
Tgt Ion:142 Resp: 48939

Ion Ratio Lower Upper

142 100

127 41.7 30.1 45.1

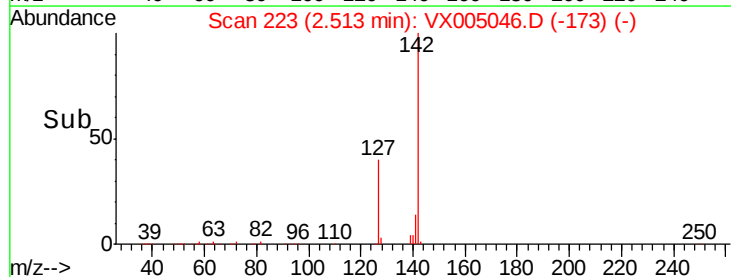
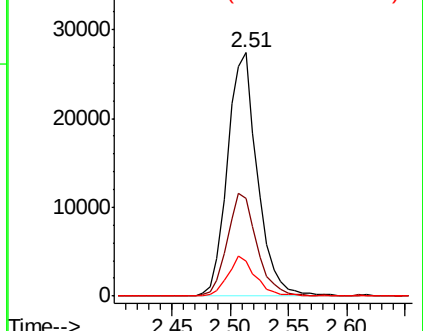
141 15.0 10.1 15.1

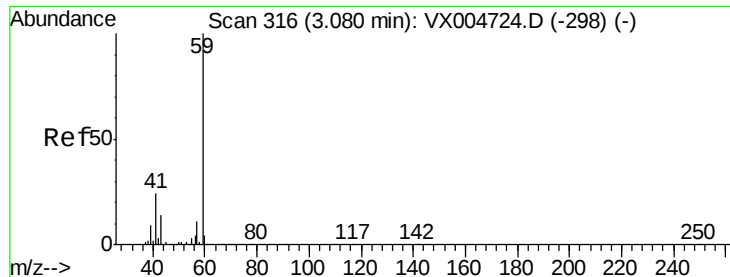


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



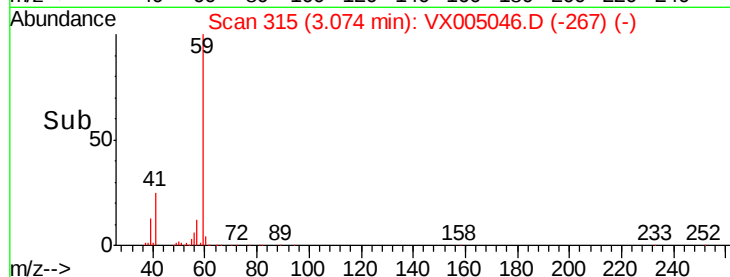
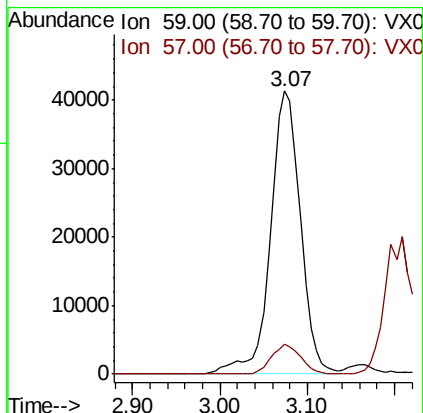
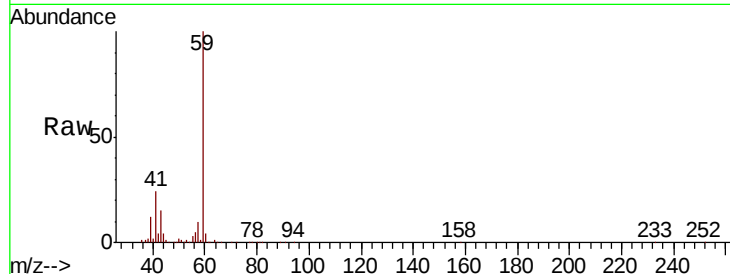


#11

Tert butyl alcohol
Concen: 118.918 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX005046.D
Acq: 05 Oct 2018 04:30

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBSD04

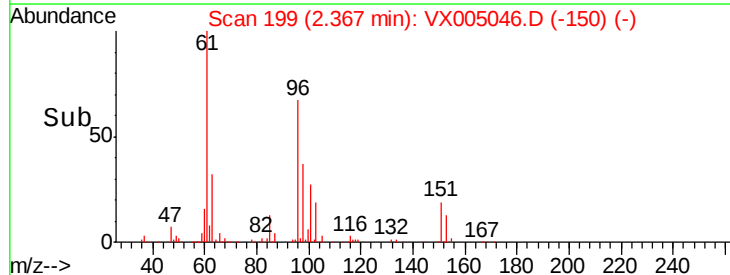
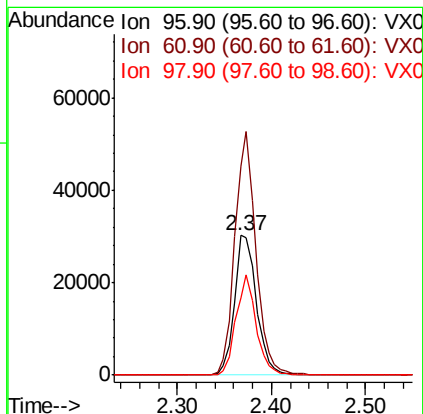
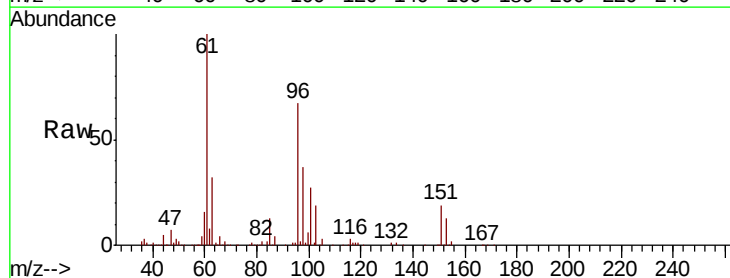
Tot Ion: 59 Resp: 99140
Ion Ratio Lower Upper
59 100
57 10.4 8.6 12.8



#12

1,1-Dichloroethene
Concen: 21.794 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.00 min
Lab File: VX005046.D
Acq: 05 Oct 2018 04:30

Tgt Ion: 96 Resp: 49289
Ion Ratio Lower Upper
96 100
61 150.1 130.2 195.4
98 54.9 53.4 80.0





#13

Acrolein

Concen: 27.478 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX005046.D

Acq: 05 Oct 2018 04:30

Instrument :

MSVOA_X

ClientSampleId :

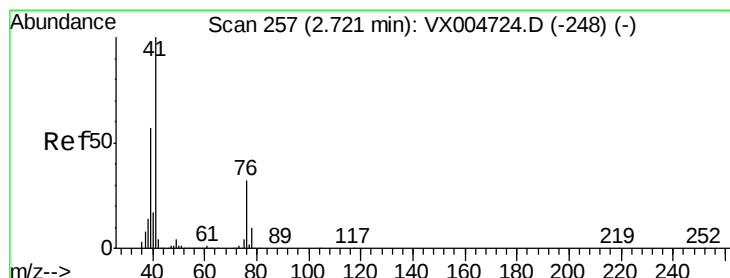
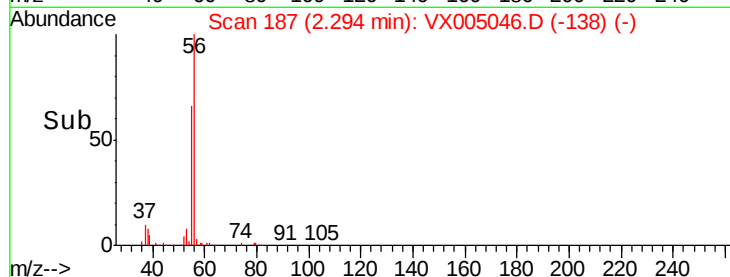
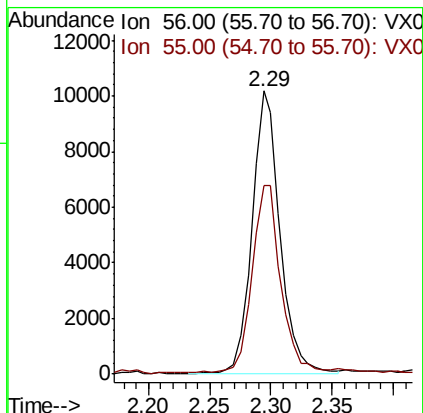
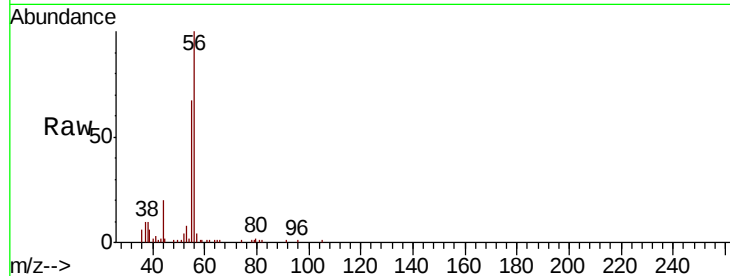
VX1004WBSD04

Tot Ion: 56 Resp: 16299

Ion Ratio Lower Upper

56 100

55 67.2 63.4 95.2



#14

Allyl chloride

Concen: 21.439 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX005046.D

Acq: 05 Oct 2018 04:30

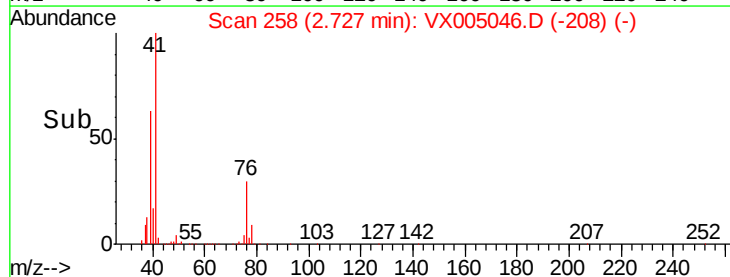
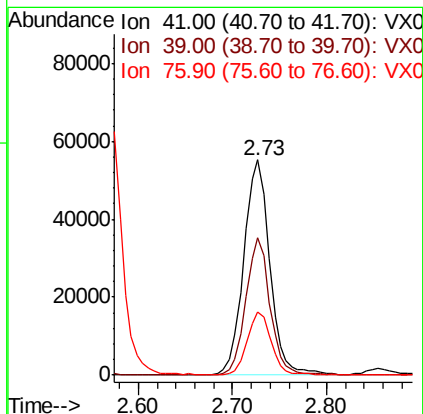
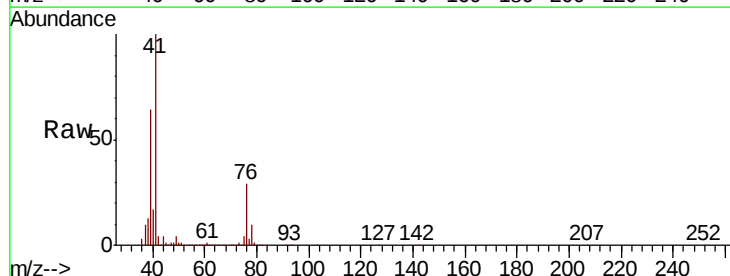
Tgt Ion: 41 Resp: 105791

Ion Ratio Lower Upper

41 100

39 58.4 44.1 66.1

76 27.6 25.0 37.4





#15

Acrylonitrile

Concen: 116.865 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX005046.D

Acq: 05 Oct 2018 04:30

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBSD04

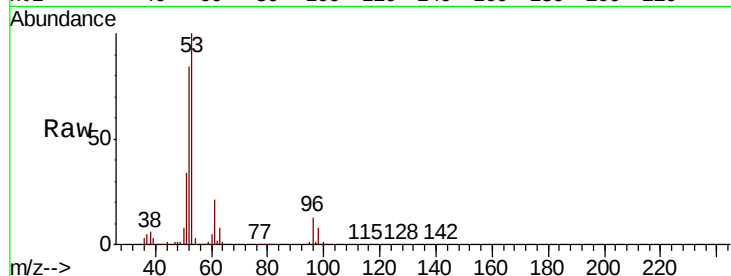
Tot Ion: 53 Resp: 214478

Ion Ratio Lower Upper

53 100

52 82.0 63.0 94.4

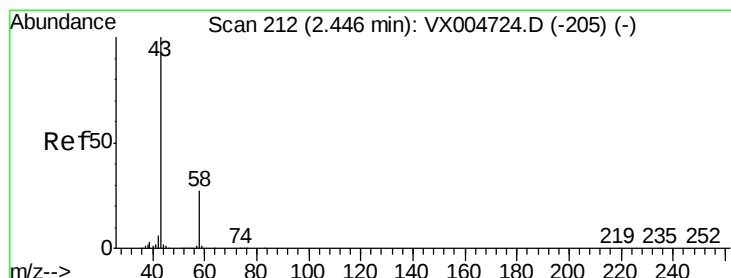
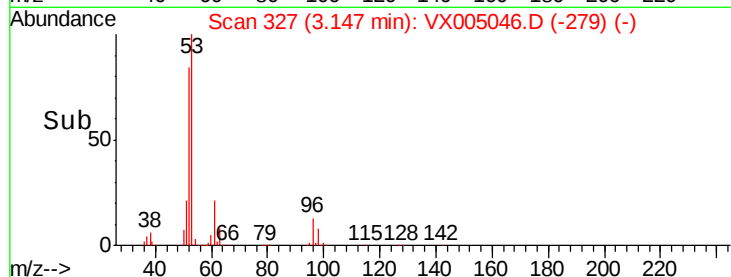
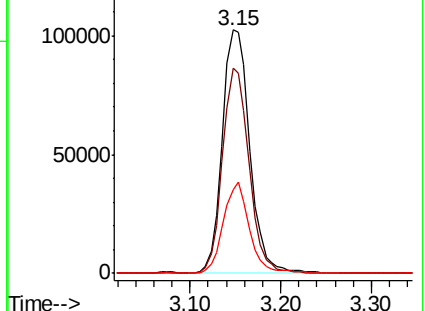
51 35.6 28.6 42.8



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: 110.273 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005046.D

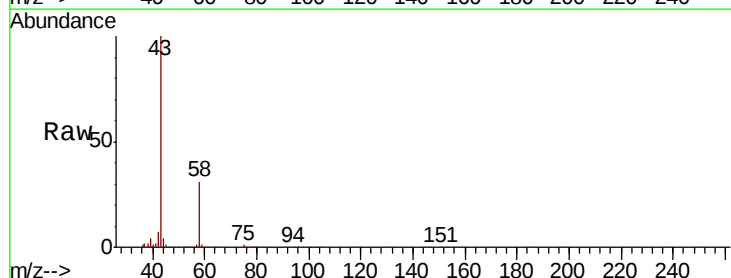
Acq: 05 Oct 2018 04:30

Tgt Ion: 43 Resp: 191955

Ion Ratio Lower Upper

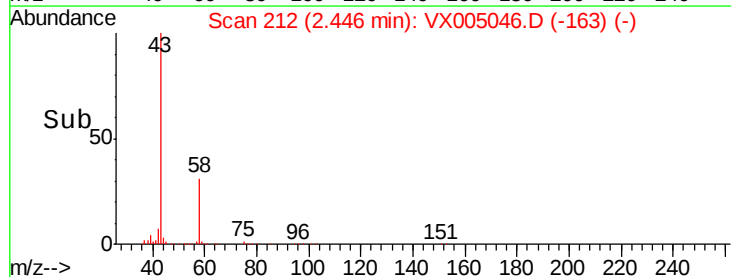
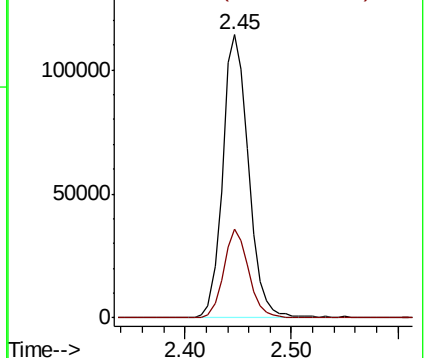
43 100

58 31.5 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: 19.610 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX005046.D

Acq: 05 Oct 2018 04:30

Instrument :

MSVOA_X

ClientSampleId :

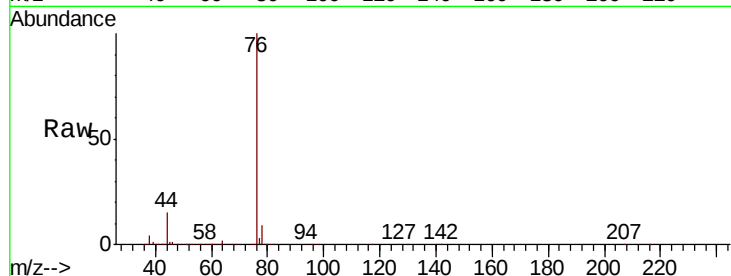
VX1004WBSD04

Tot Ion: 76 Resp: 133266

Ion Ratio Lower Upper

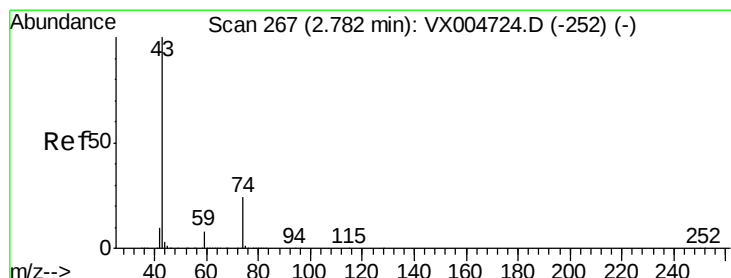
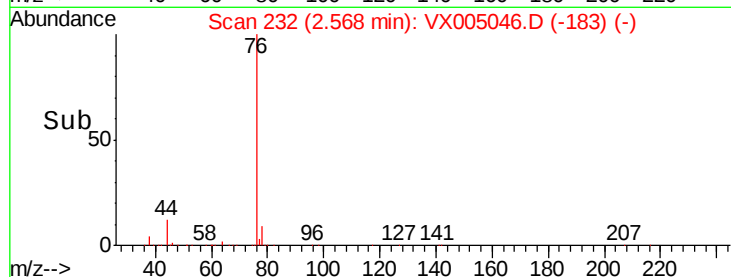
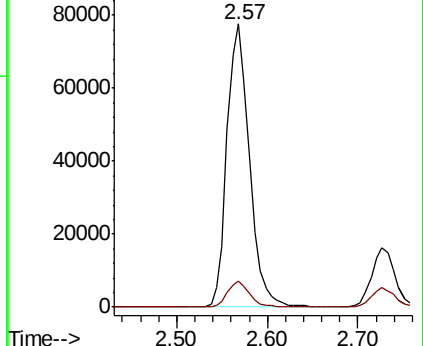
76 100

78 9.0 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: 27.356 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX005046.D

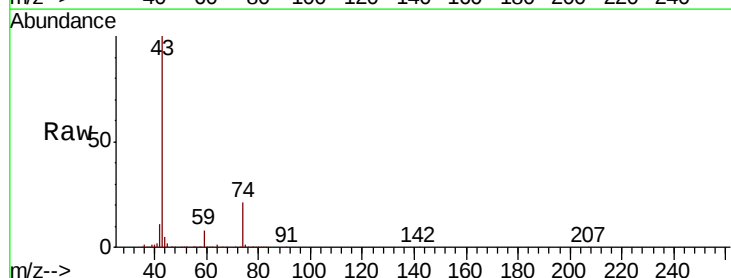
Acq: 05 Oct 2018 04:30

Tgt Ion: 43 Resp: 120648

Ion Ratio Lower Upper

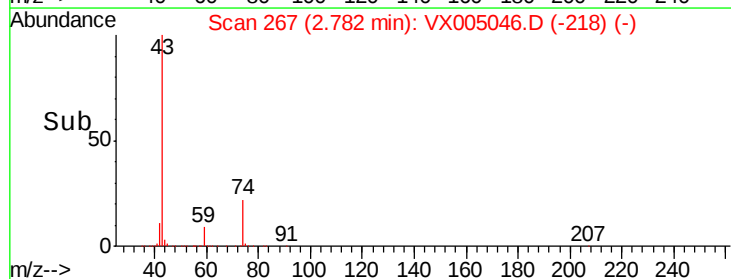
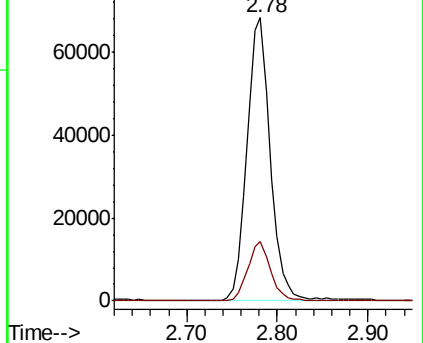
43 100

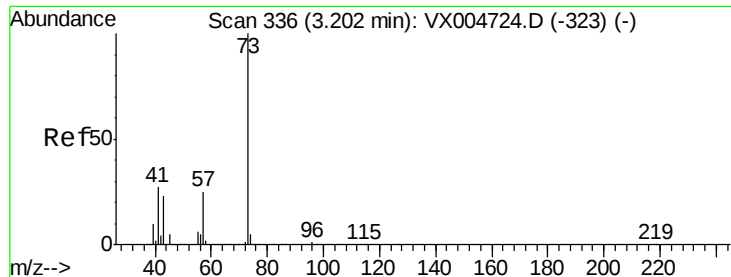
74 20.3 17.8 26.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



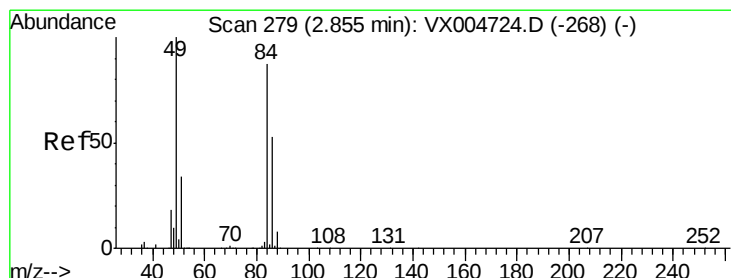
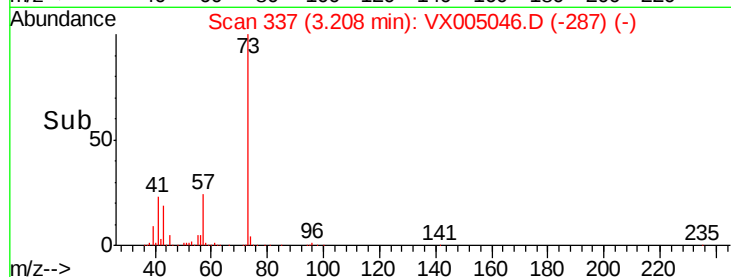
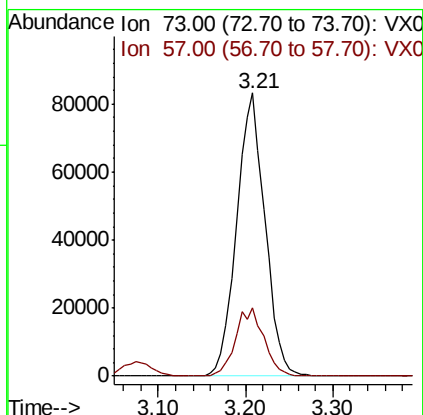
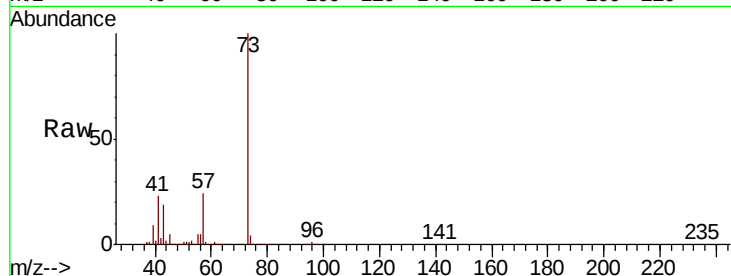


#19

Methyl tert-butyl Ether
 Concen: 24.037 ug/l
 RT: 3.21 min Scan# 337
 Delta R.T. 0.01 min
 Lab File: VX005046.D
 Acq: 05 Oct 2018 04:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBSD04

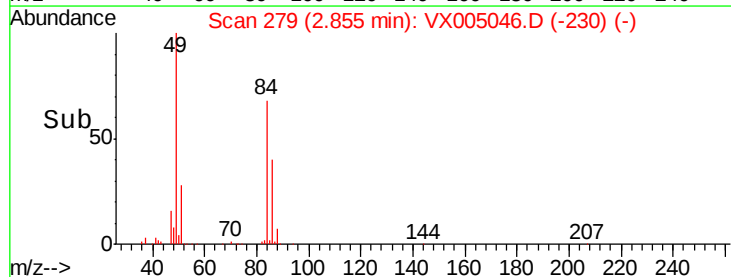
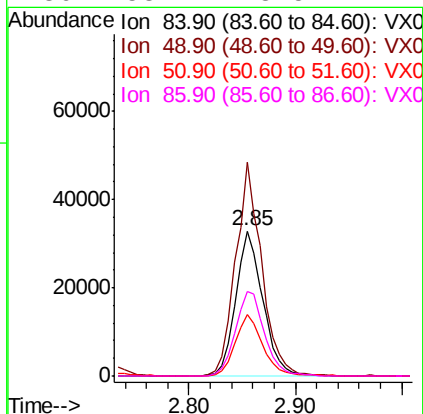
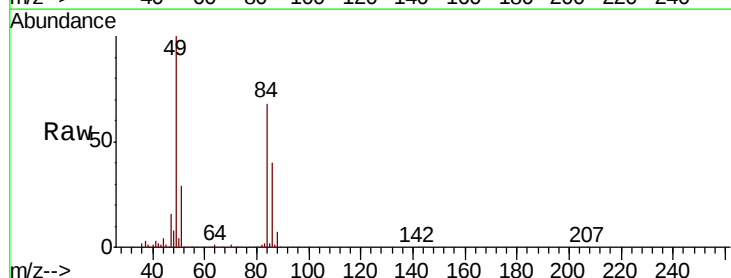
Tot Ion: 73 Resp: 187515
 Ion Ratio Lower Upper
 73 100
 57 24.1 19.9 29.9

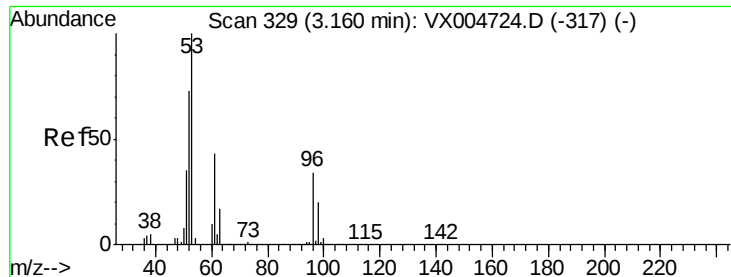


#20

Methylene Chloride
 Concen: 22.744 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX005046.D
 Acq: 05 Oct 2018 04:30

Tgt Ion: 84 Resp: 58722
 Ion Ratio Lower Upper
 84 100
 49 147.2 92.3 138.5#
 51 41.9 31.8 47.6
 86 58.7 48.5 72.7





#21

trans-1,2-Dichloroethene

Concen: 21.147 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX005046.D

Acq: 05 Oct 2018 04:30

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBSD04

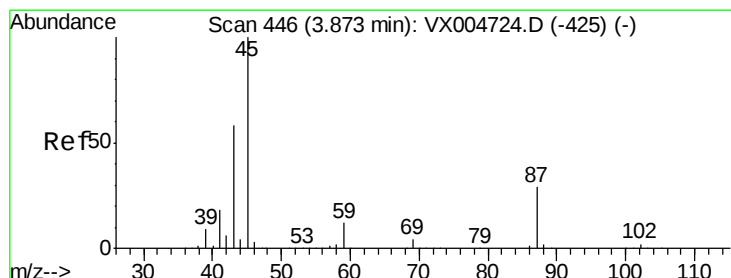
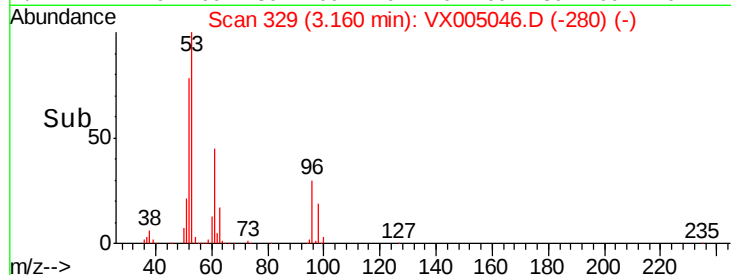
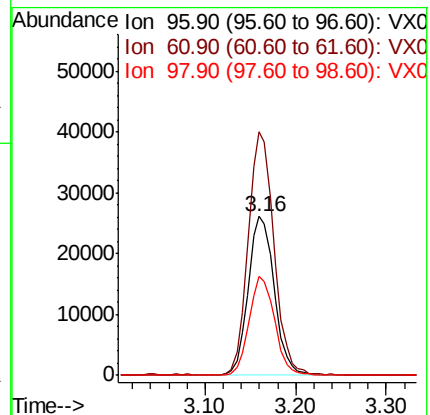
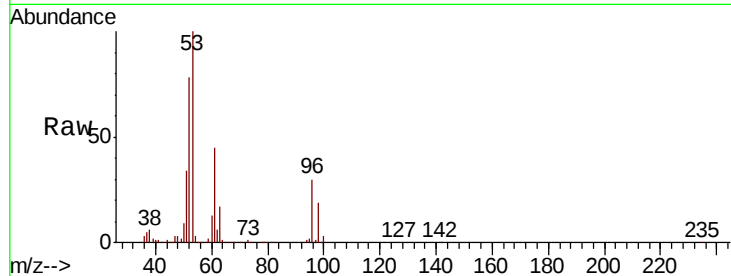
Tot Ion: 96 Resp: 52353

Ion Ratio Lower Upper

96 100

61 152.5 101.0 151.6#

98 62.6 47.2 70.8



#22

Diisopropyl ether

Concen: 23.298 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.01 min

Lab File: VX005046.D

Acq: 05 Oct 2018 04:30

Tgt Ion: 45 Resp: 193594

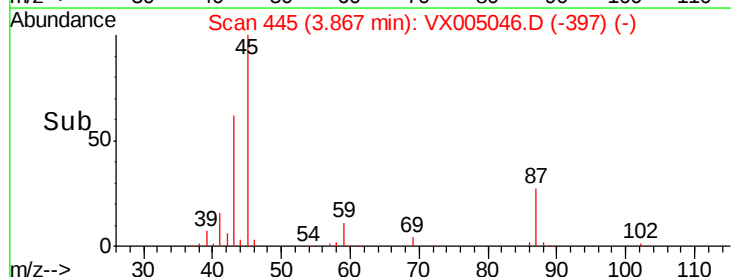
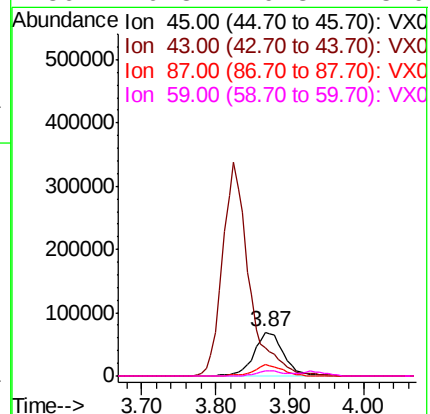
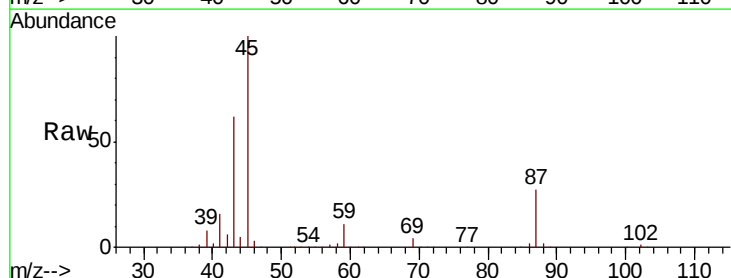
Ion Ratio Lower Upper

45 100

43 62.2 46.7 70.1

87 26.8 22.9 34.3

59 10.8 9.3 13.9





#23

Vinyl Acetate

Concen: 110.304 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX005046.D

Acq: 05 Oct 2018 04:30

Instrument :

MSVOA_X

ClientSampleId :

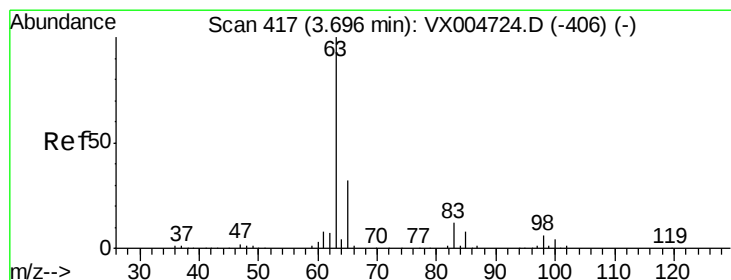
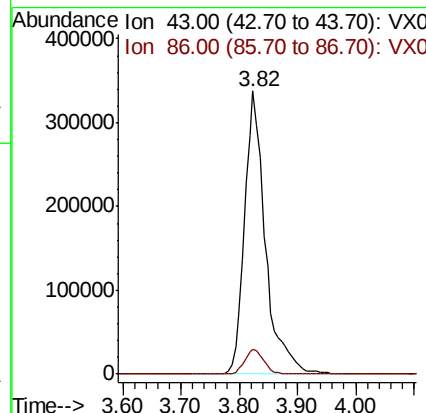
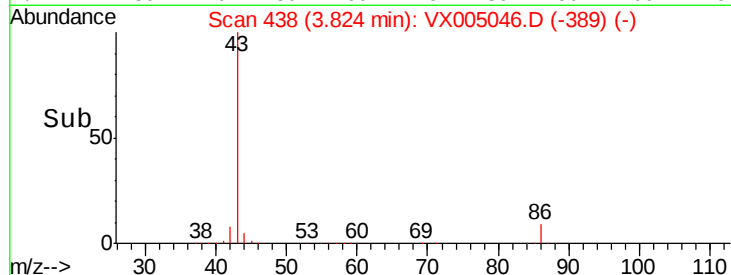
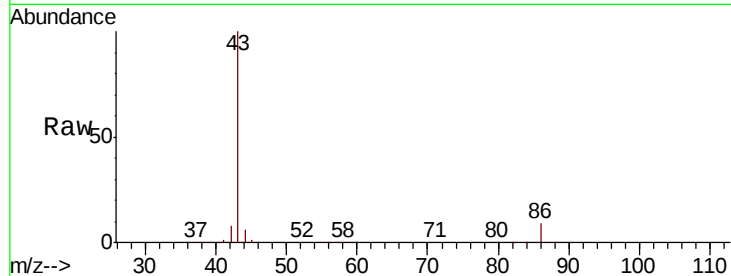
VX1004WBSD04

Tot Ion: 43 Resp: 838979

Ion Ratio Lower Upper

43 100

86 8.7 8.1 12.1



#24

1,1-Dichloroethane

Concen: 21.184 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX005046.D

Acq: 05 Oct 2018 04:30

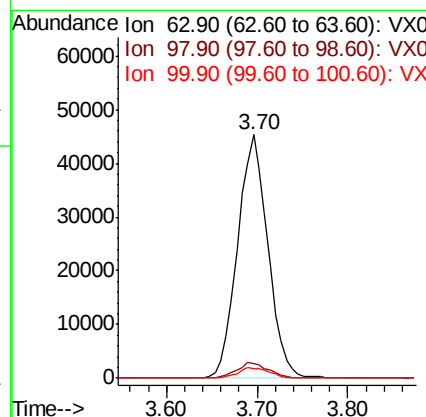
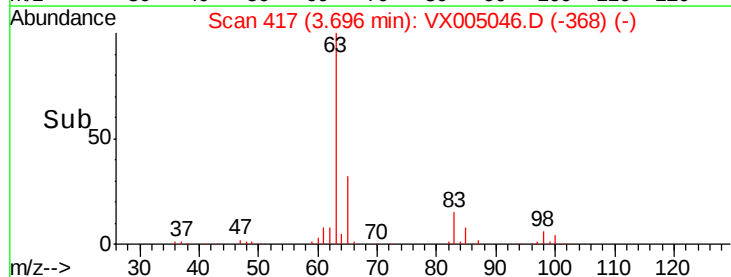
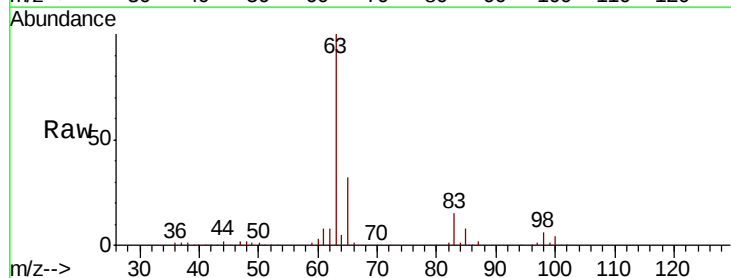
Tgt Ion: 63 Resp: 105000

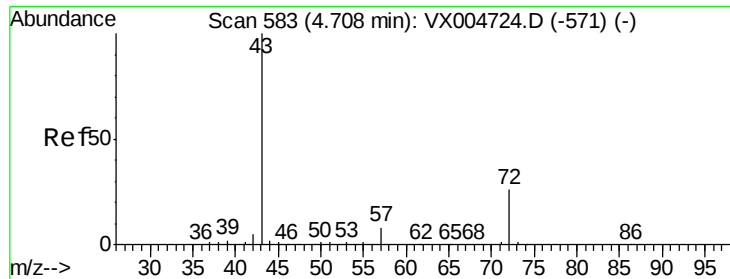
Ion Ratio Lower Upper

63 100

98 6.2 3.0 9.2

100 4.1 2.0 5.8





#25

2-Butanone

Concen: 110.620 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX005046.D

Acq: 05 Oct 2018 04:30

Instrument :

MSVOA_X

ClientSampleId :

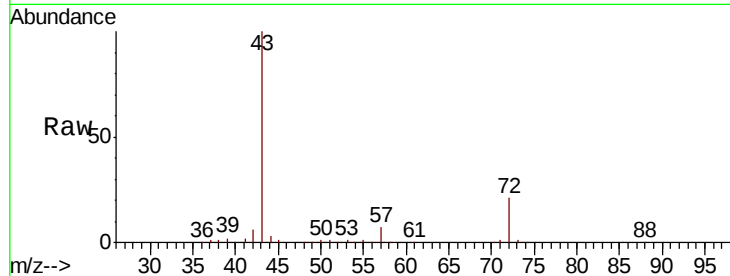
VX1004WBSD04

Tot Ion: 43 Resp: 283836

Ion Ratio Lower Upper

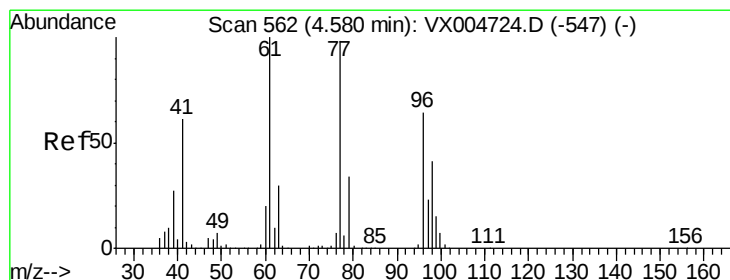
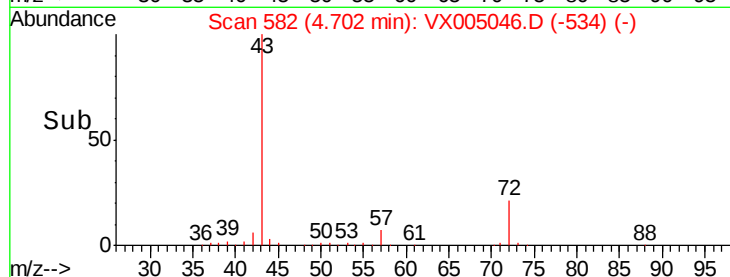
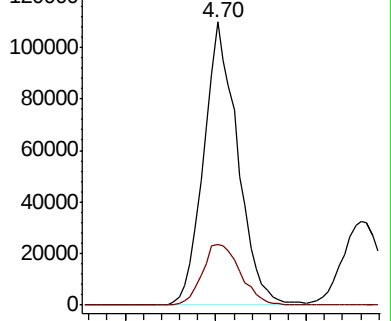
43 100

72 21.4 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 13.872 ug/l

RT: 4.59 min Scan# 564

Delta R.T. 0.01 min

Lab File: VX005046.D

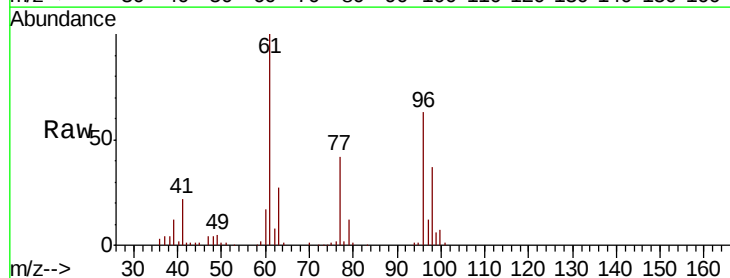
Acq: 05 Oct 2018 04:30

Tgt Ion: 77 Resp: 47880

Ion Ratio Lower Upper

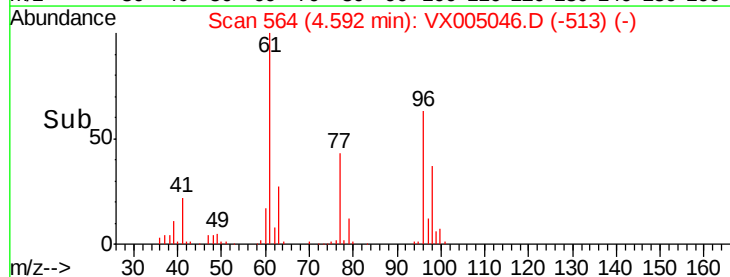
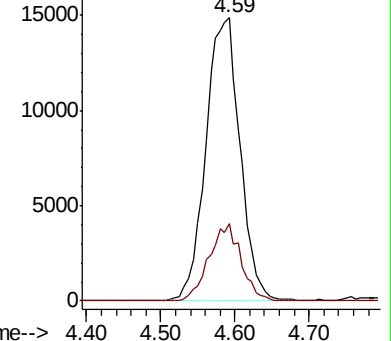
77 100

97 25.4 12.6 37.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



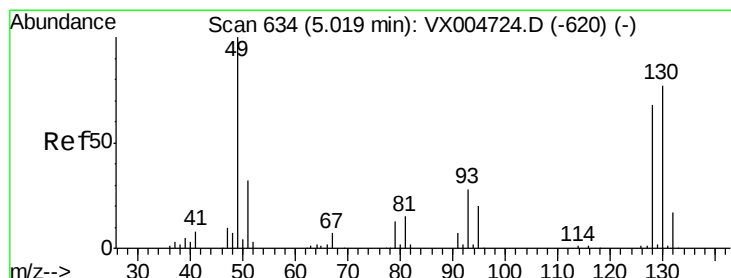
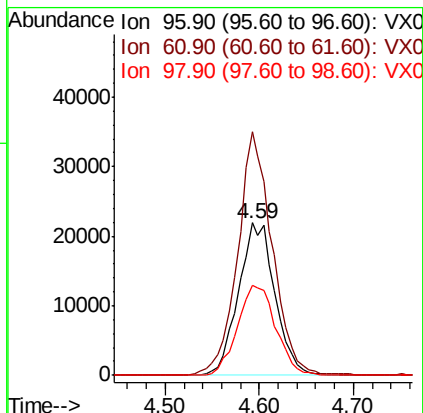
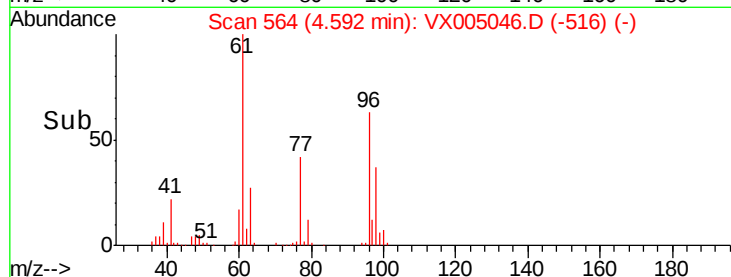
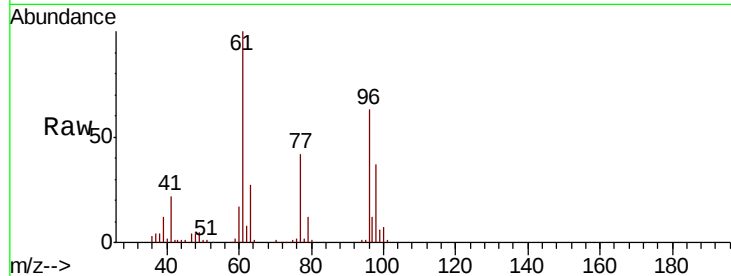


#27

cis-1,2-Dichloroethene
Concen: 21.542 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX005046.D
Acq: 05 Oct 2018 04:30

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBSD04

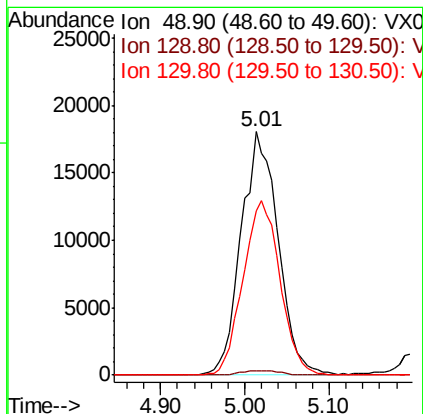
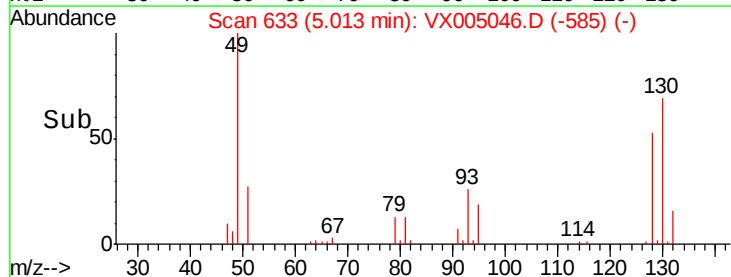
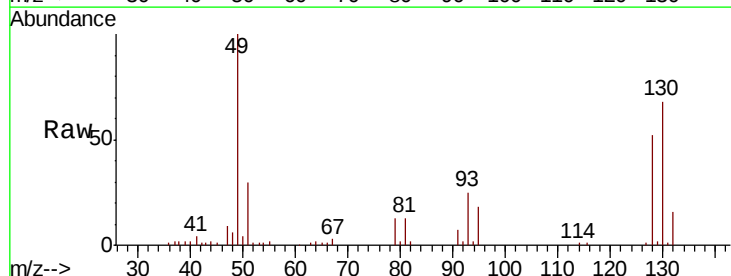
Tot Ion	Ratio	Lower	Upper
96	100		
61	149.4	0.0	285.8
98	61.8	0.0	136.2

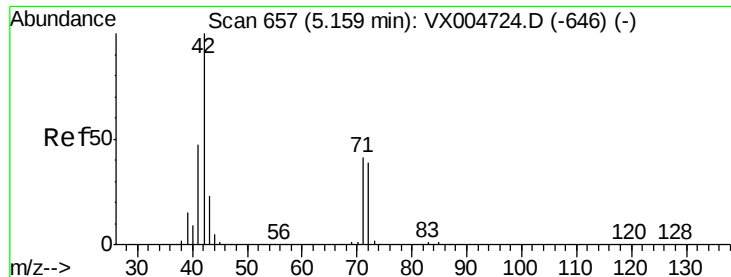


#28

Bromochloromethane
Concen: 23.010 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX005046.D
Acq: 05 Oct 2018 04:30

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.2
130	71.8	62.0	93.0





#29

Tetrahydrofuran

Concen: 119.236 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX005046.D

Acq: 05 Oct 2018 04:30

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBSD04

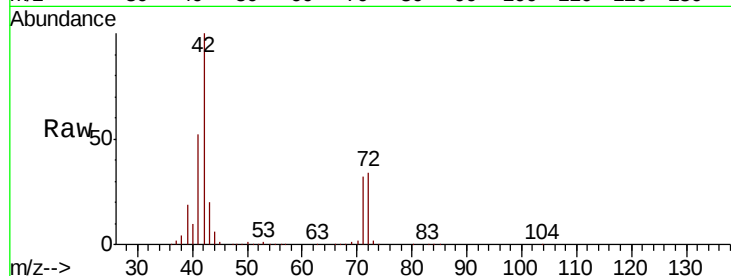
Tot Ion: 42 Resp: 190156

Ion Ratio Lower Upper

42 100

72 39.6 33.7 50.5

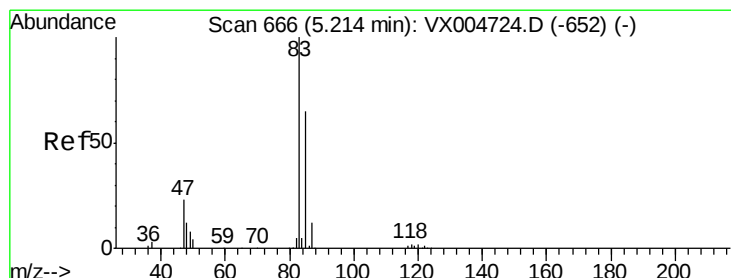
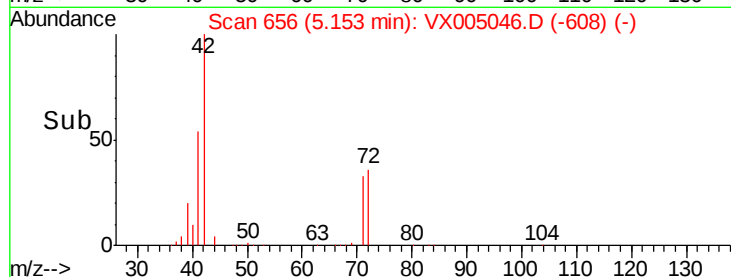
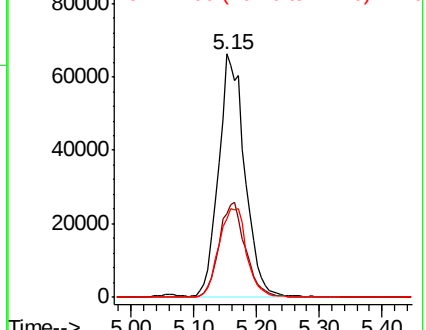
71 39.1 32.2 48.4



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 21.897 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX005046.D

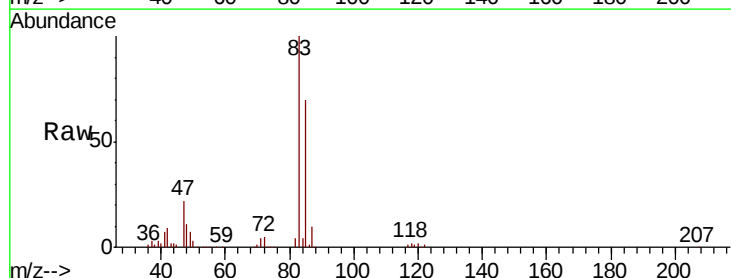
Acq: 05 Oct 2018 04:30

Tgt Ion: 83 Resp: 102576

Ion Ratio Lower Upper

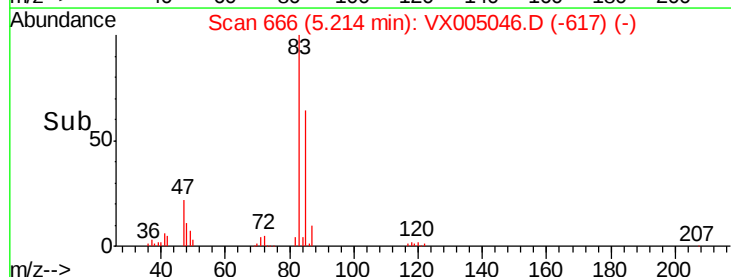
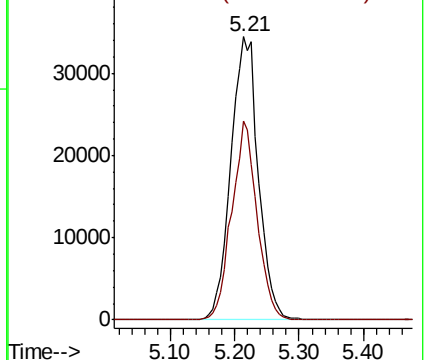
83 100

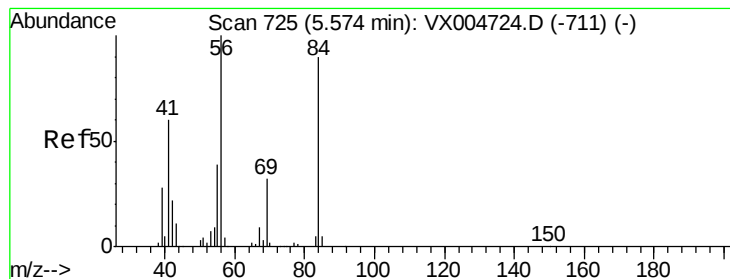
85 70.4 52.4 78.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 21.608 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX005046.D

Acq: 05 Oct 2018 04:30

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBSD04

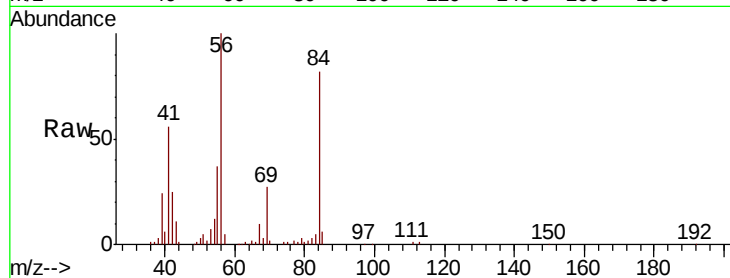
Tot Ion: 56 Resp: 81972

Ion Ratio Lower Upper

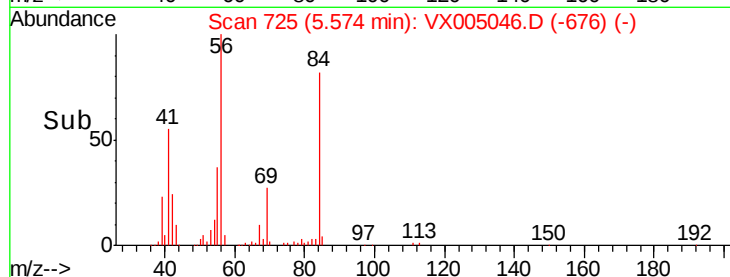
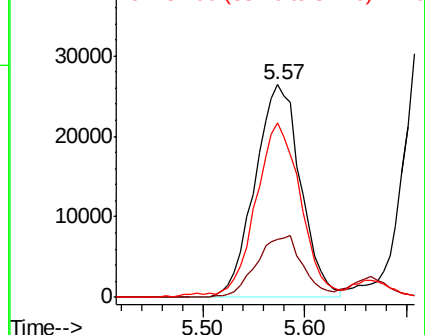
56 100

69 27.2 25.9 38.9

84 80.7 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: 21.787 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.01 min

Lab File: VX005046.D

Acq: 05 Oct 2018 04:30

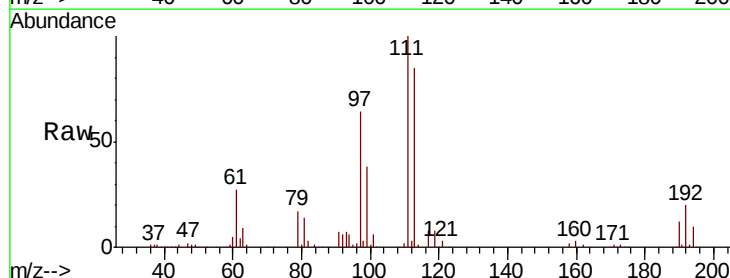
Tgt Ion: 97 Resp: 83351

Ion Ratio Lower Upper

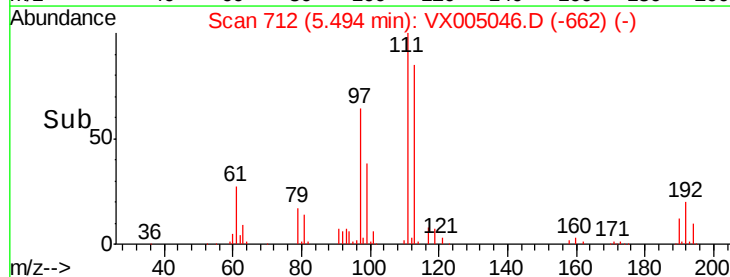
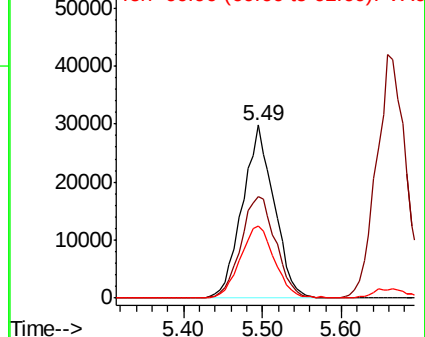
97 100

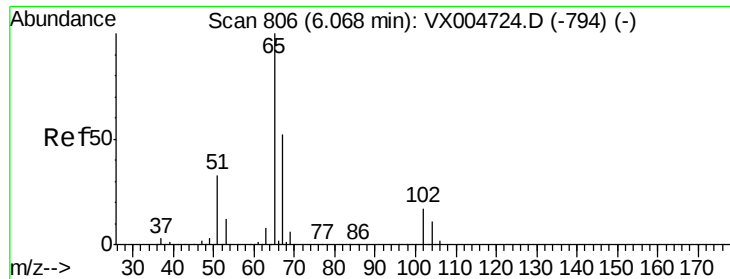
99 64.0 54.6 82.0

61 45.2 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

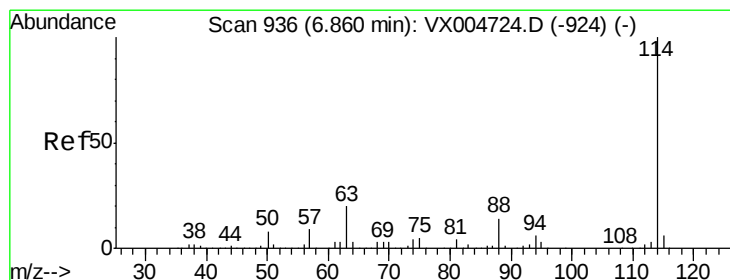
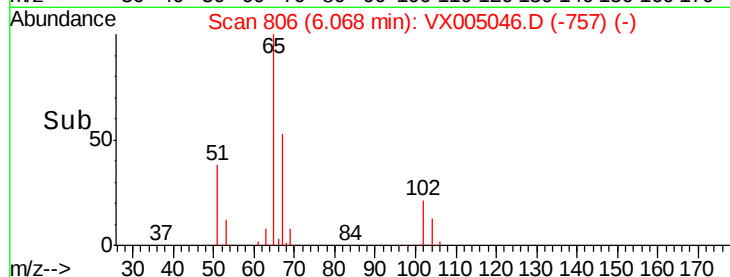
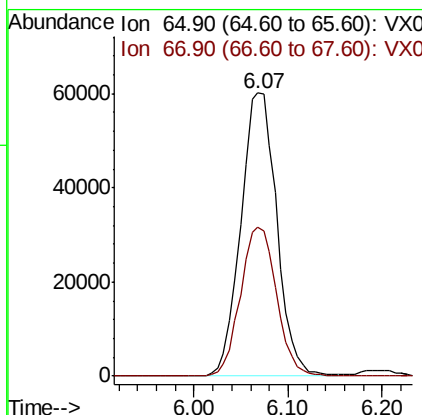
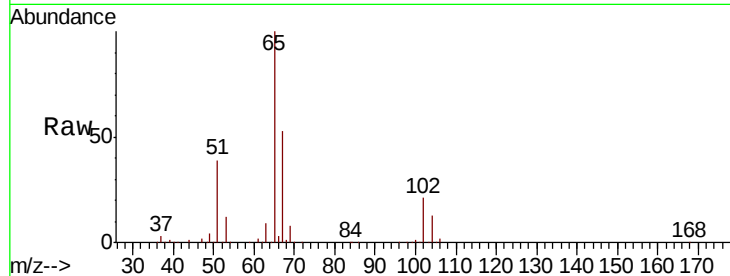




#33
 1,2-Dichloroethane-d4
 Concen: 53.652 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX005046.D
 Acq: 05 Oct 2018 04:30

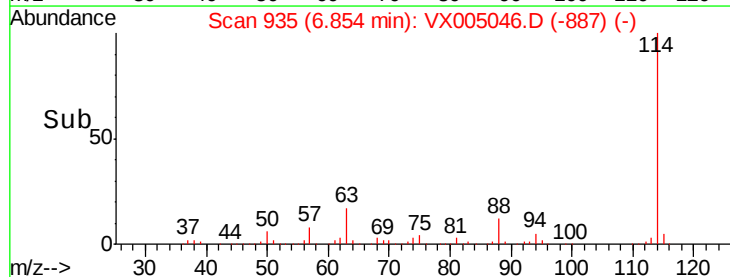
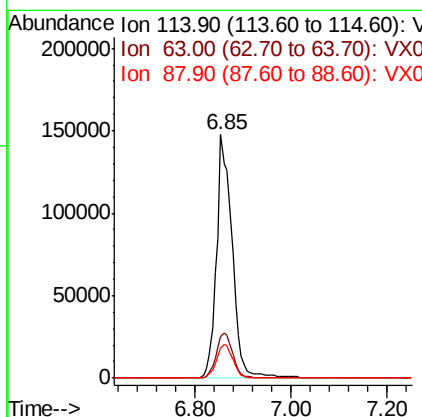
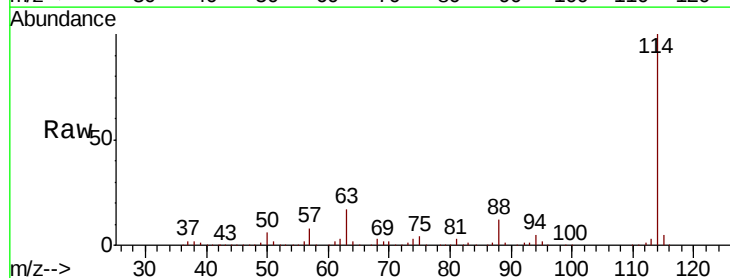
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBSD04

Tot Ion: 65 Resp: 159970
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX005046.D
 Acq: 05 Oct 2018 04:30

Tgt Ion: 114 Resp: 334467
 Ion Ratio Lower Upper
 114 100
 63 17.1 0.0 39.8
 88 12.3 0.0 27.0





#35

Dibromofluoromethane

Concen: 44.767 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX005046.D

Acq: 05 Oct 2018 04:30

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBSD04

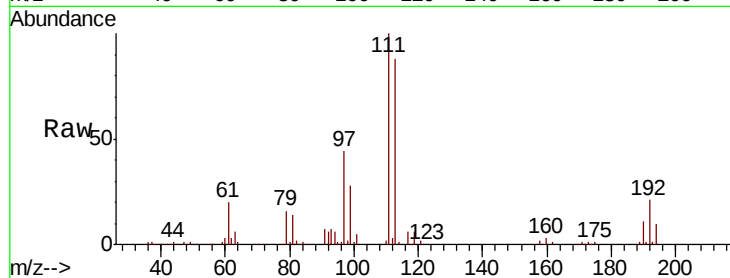
Tot Ion:113 Resp: 126898

Ion Ratio Lower Upper

113 100

111 106.9 77.0 115.4

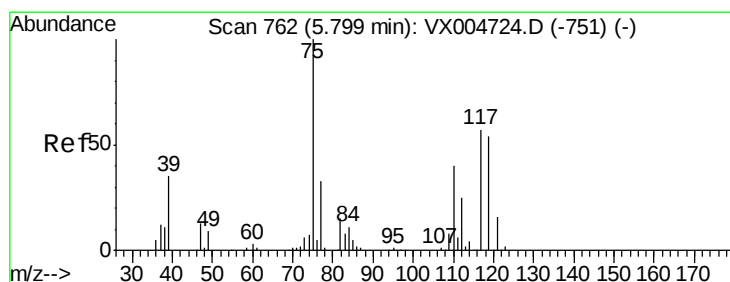
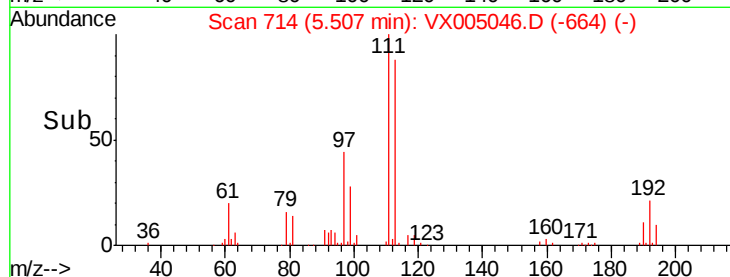
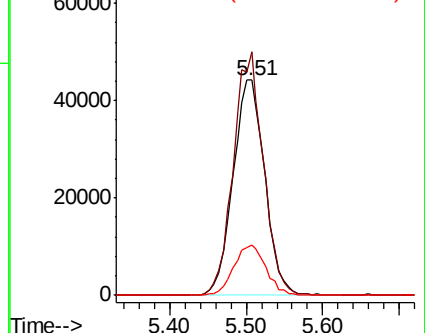
192 23.7 17.0 25.6



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: 17.697 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX005046.D

Acq: 05 Oct 2018 04:30

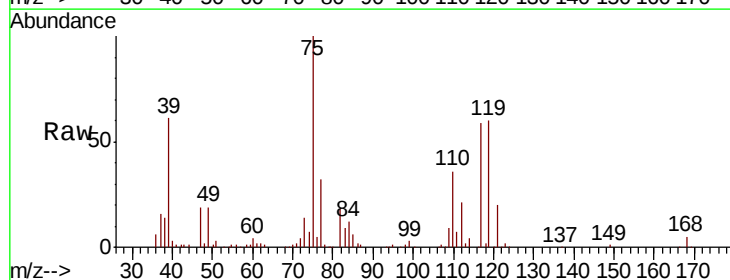
Tgt Ion: 75 Resp: 68442

Ion Ratio Lower Upper

75 100

110 36.0 20.0 59.9

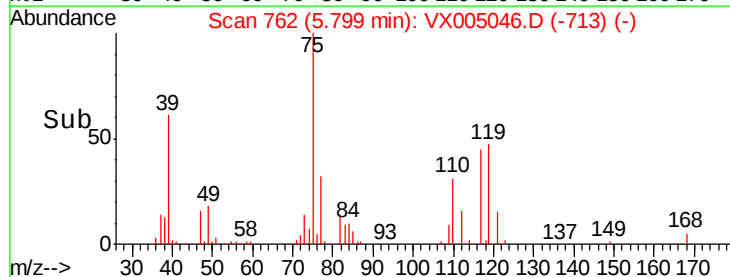
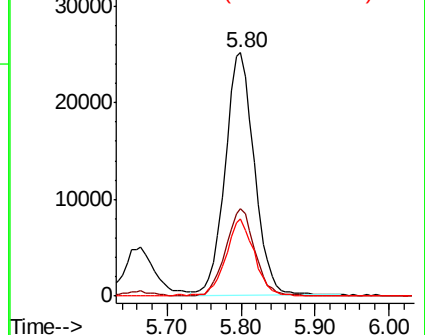
77 31.5 27.1 40.7

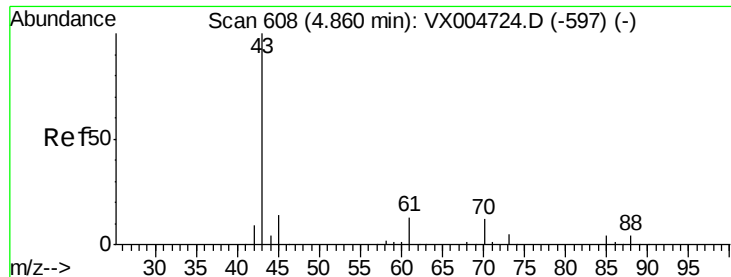


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 19.179 ug/l

RT: 4.86 min Scan# 608

Delta R.T. -0.00 min

Lab File: VX005046.D

Acq: 05 Oct 2018 04:30

Instrument :

MSVOA_X

ClientSampled :

VX1004WBSD04

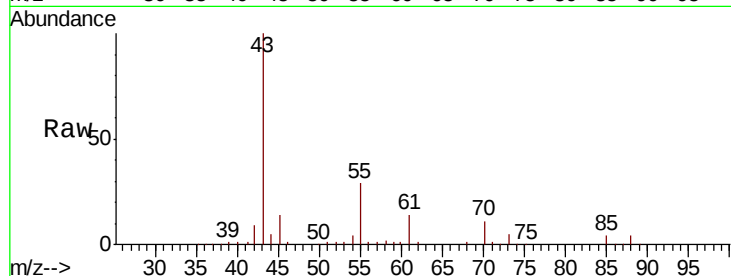
Tot Ion: 43 Resp: 98463

Ion Ratio Lower Upper

43 100

61 14.2 10.4 15.6

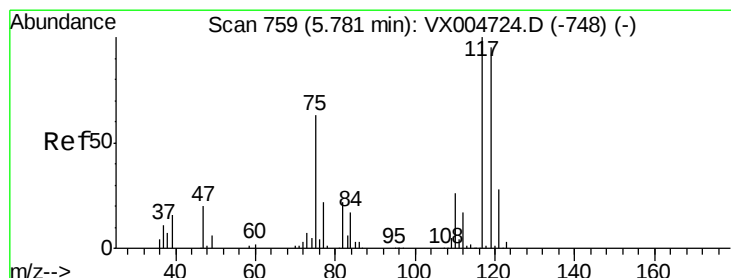
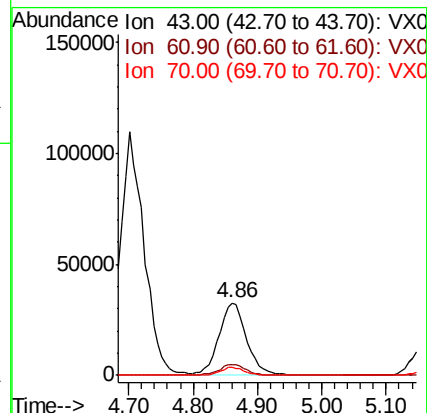
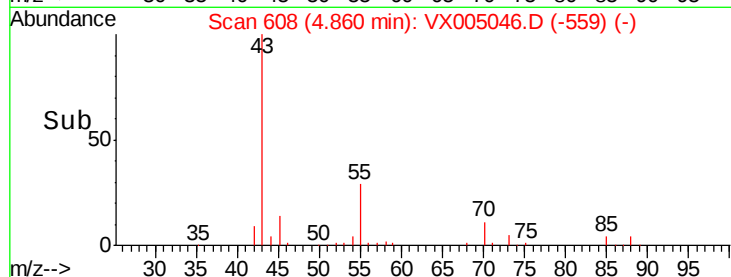
70 10.1 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX005046.D (-559) (-)

Ion 60.90 (60.60 to 61.60): VX005046.D (-559) (-)

Ion 70.00 (69.70 to 70.70): VX005046.D (-559) (-)



#38

Carbon Tetrachloride

Concen: 17.549 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.00 min

Lab File: VX005046.D

Acq: 05 Oct 2018 04:30

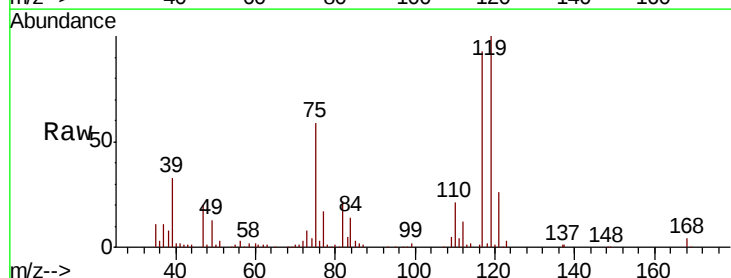
Tgt Ion: 117 Resp: 71344

Ion Ratio Lower Upper

117 100

119 107.6 75.2 112.8

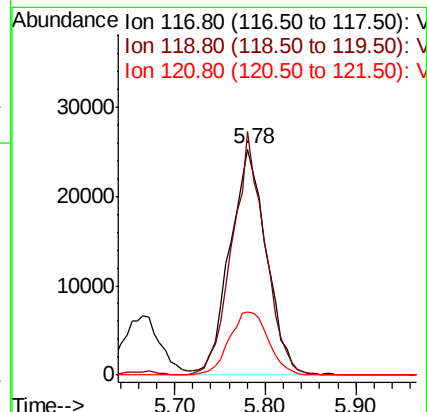
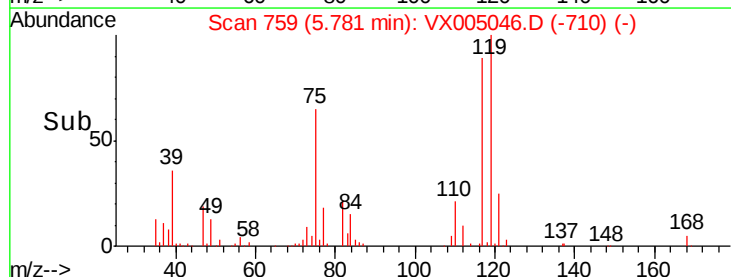
121 28.1 22.5 33.7

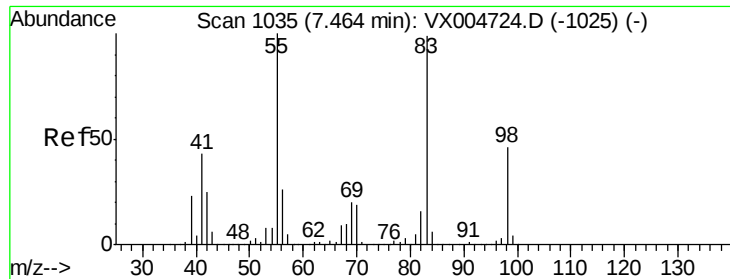


Abundance Ion 116.80 (116.50 to 117.50): VX005046.D (-710) (-)

Ion 118.80 (118.50 to 119.50): VX005046.D (-710) (-)

Ion 120.80 (120.50 to 121.50): VX005046.D (-710) (-)

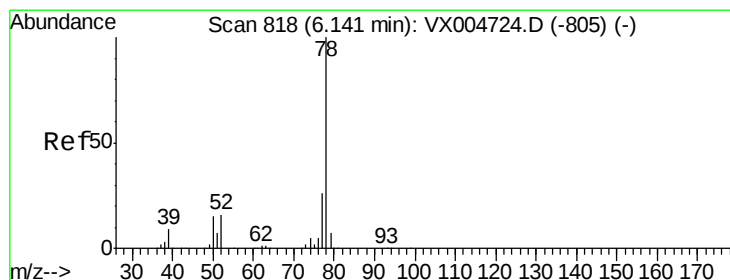
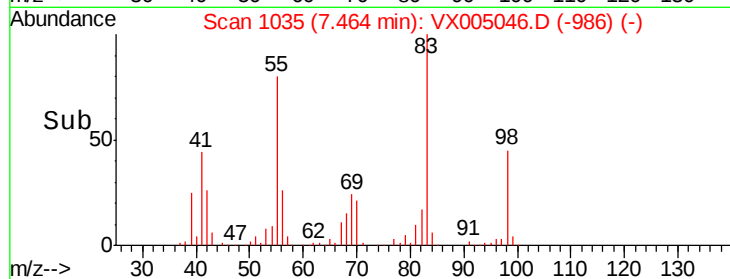
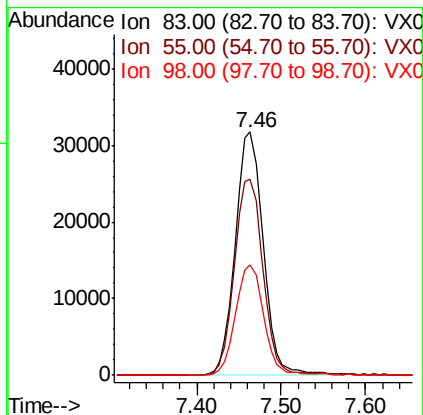
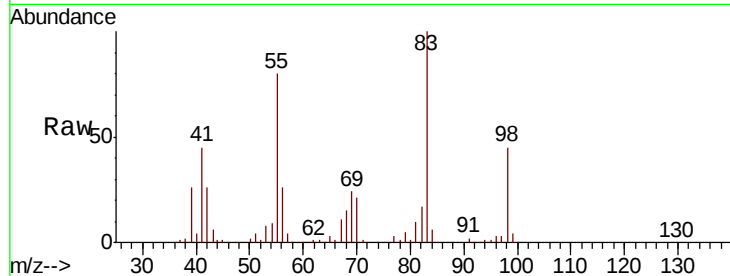




#39
Methvlcvclohexane
Concen: 18.019 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX005046.D
Acq: 05 Oct 2018 04:30

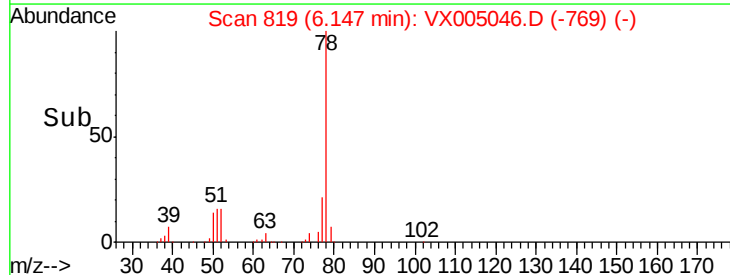
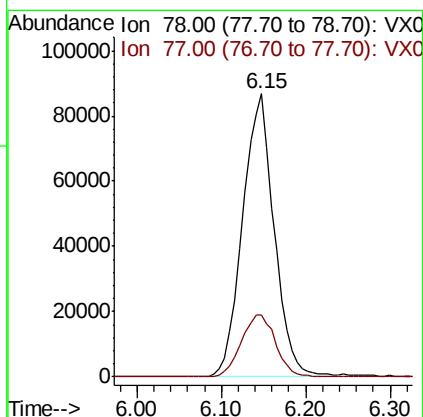
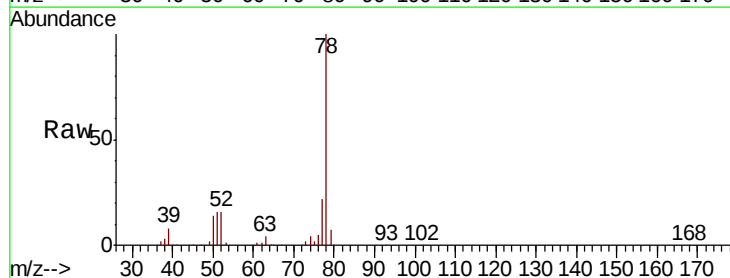
Instrument :
MSVOA_X
ClientSampleId :
VX1004WBSD04

Tot Ion: 83 Resp: 71159
Ion Ratio Lower Upper
83 100
55 80.5 81.1 121.7#
98 45.3 37.3 55.9



#40
Benzene
Concen: 18.239 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX005046.D
Acq: 05 Oct 2018 04:30

Tgt Ion: 78 Resp: 220835
Ion Ratio Lower Upper
78 100
77 22.0 21.0 31.4





#41

Methacrylonitrile

Concen: 19.761 ug/l

RT: 5.06 min Scan# 641

Delta R.T. -0.00 min

Lab File: VX005046.D

Acq: 05 Oct 2018 04:30

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBSD04

Tot Ion: 41 Resp: 56261

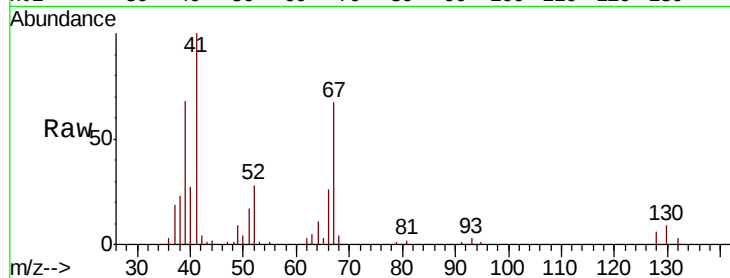
Ion Ratio Lower Upper

41 100

39 54.0 42.5 63.7

67 67.8 53.0 79.6

52 27.9 19.8 29.8

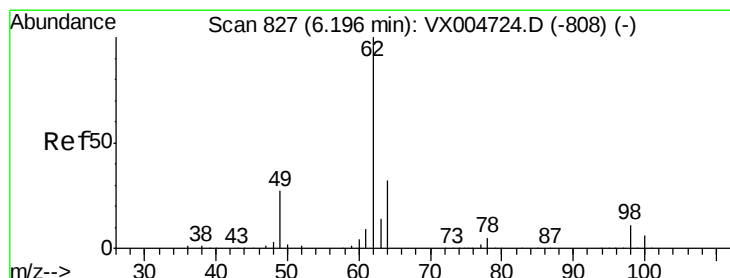
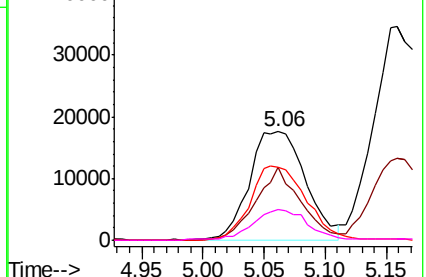
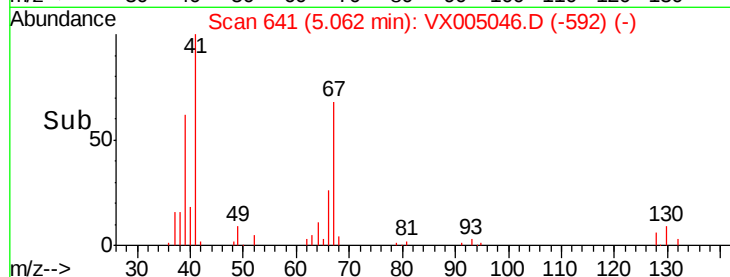


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 19.190 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX005046.D

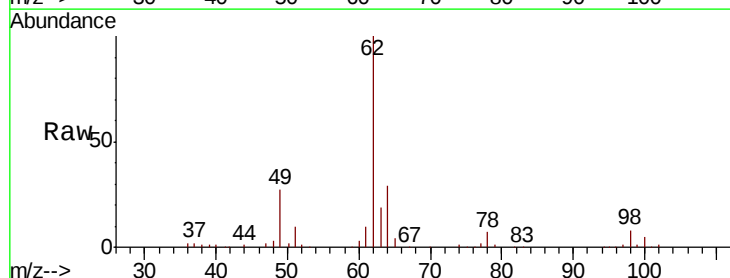
Acq: 05 Oct 2018 04:30

Tgt Ion: 62 Resp: 82137

Ion Ratio Lower Upper

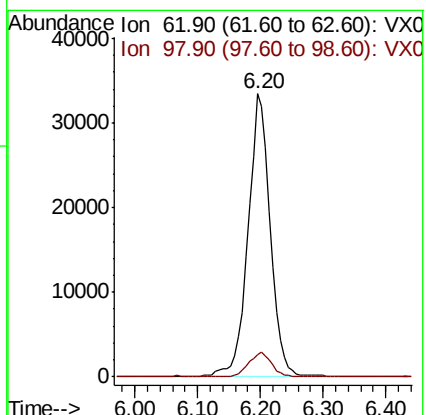
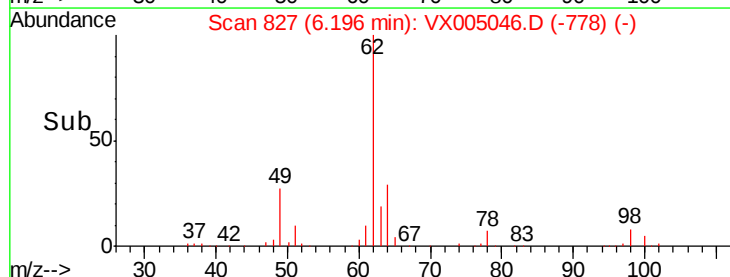
62 100

98 9.0 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: 18.542 ug/l

RT: 6.46 min Scan# 871

Delta R.T. -0.00 min

Lab File: VX005046.D

Acq: 05 Oct 2018 04:30

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBSD04

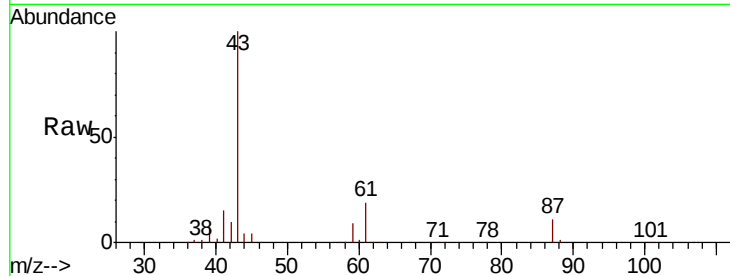
Tot Ion: 43 Resp: 137389

Ion Ratio Lower Upper

43 100

61 20.3 14.2 21.4

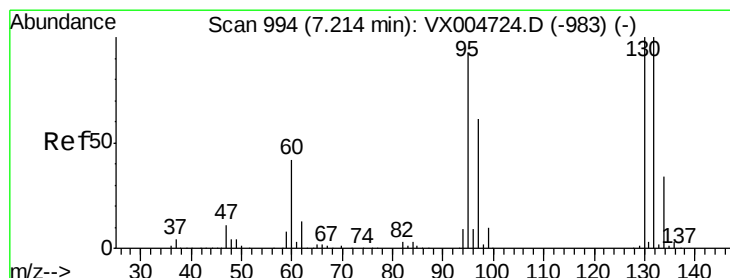
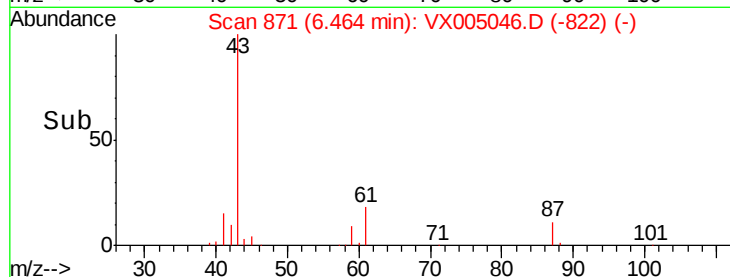
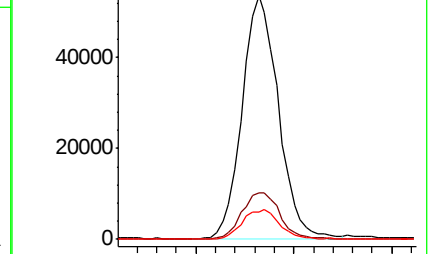
87 12.5 9.3 13.9



Abundance Ion 43.00 (42.70 to 43.70): VX004724.D (-859) (-)

Ion 61.00 (60.70 to 61.70): VX004724.D (-859) (-)

Ion 87.00 (86.70 to 87.70): VX004724.D (-859) (-)



#44

Trichloroethene

Concen: 19.284 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX005046.D

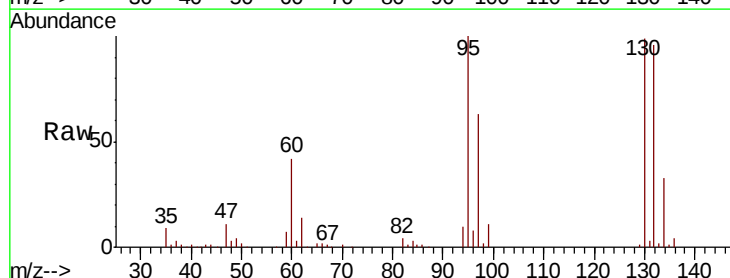
Acq: 05 Oct 2018 04:30

Tgt Ion:130 Resp: 57400

Ion Ratio Lower Upper

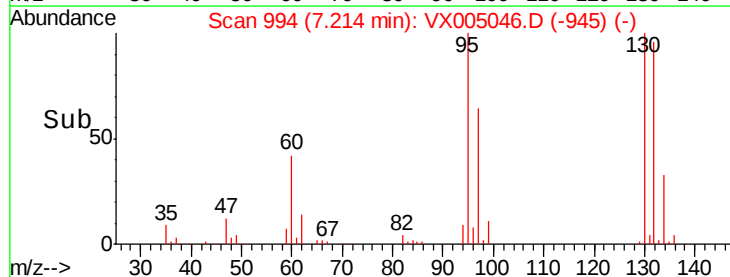
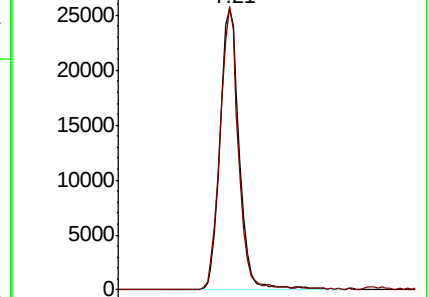
130 100

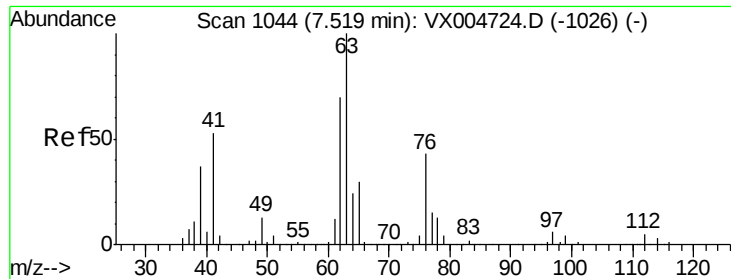
95 100.8 0.0 186.8



Abundance Ion 129.80 (129.50 to 130.50): VX004724.D (-983) (-)

Ion 94.90 (94.60 to 95.60): VX004724.D (-983) (-)

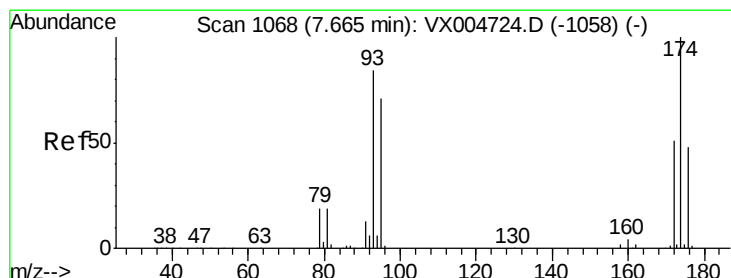
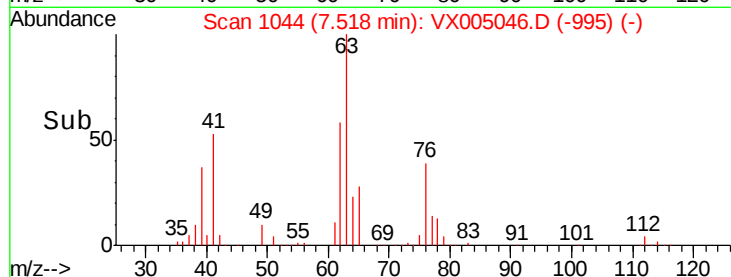
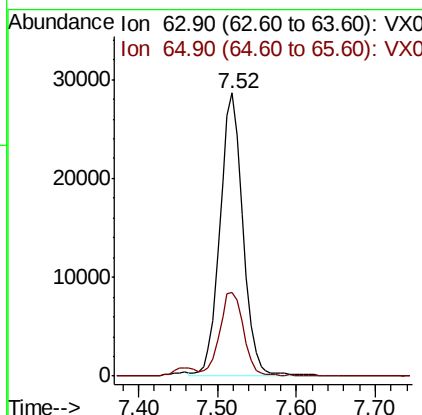
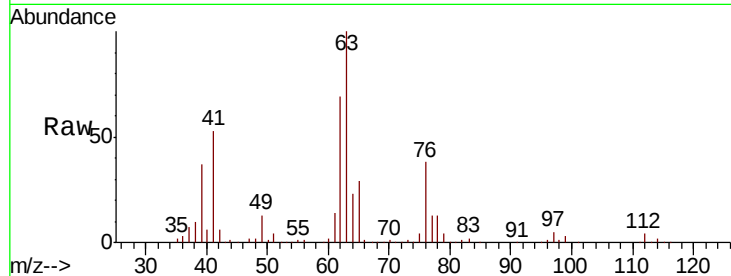




#45
 1,2-Dichloropropane
 Concen: 19.630 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX005046.D
 Acq: 05 Oct 2018 04:30

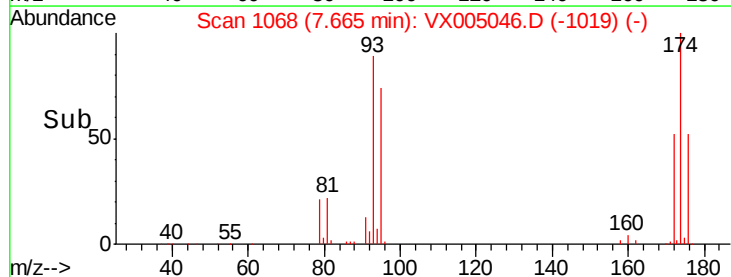
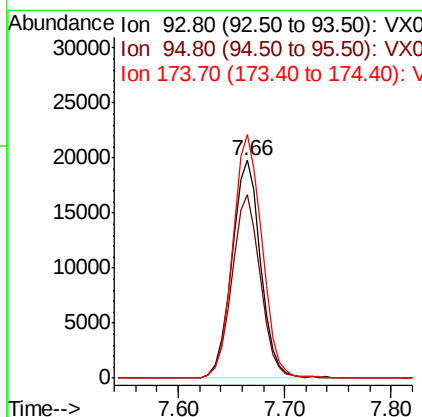
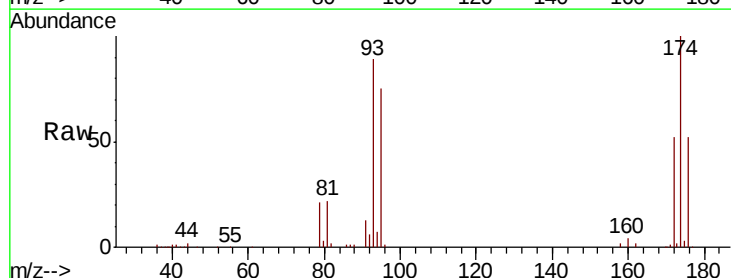
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBSD04

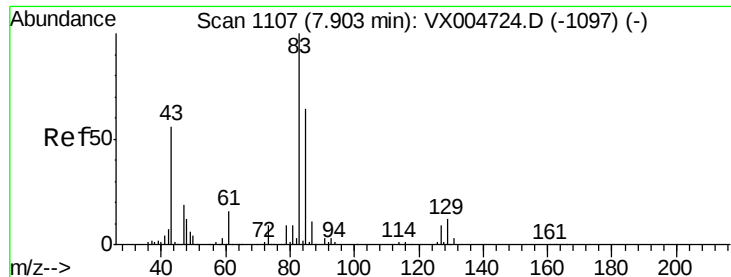
Tot Ion: 63 Resp: 58287
 Ion Ratio Lower Upper
 63 100
 65 29.4 23.9 35.9



#46
 Dibromomethane
 Concen: 20.048 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: VX005046.D
 Acq: 05 Oct 2018 04:30

Tgt Ion: 93 Resp: 37411
 Ion Ratio Lower Upper
 93 100
 95 83.9 66.7 100.1
 174 113.7 92.7 139.1

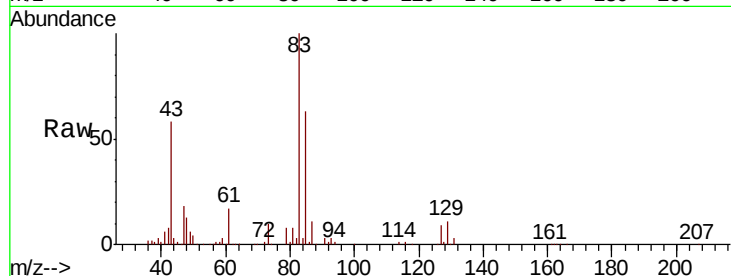




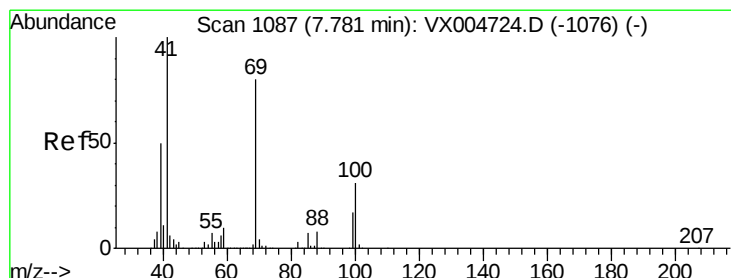
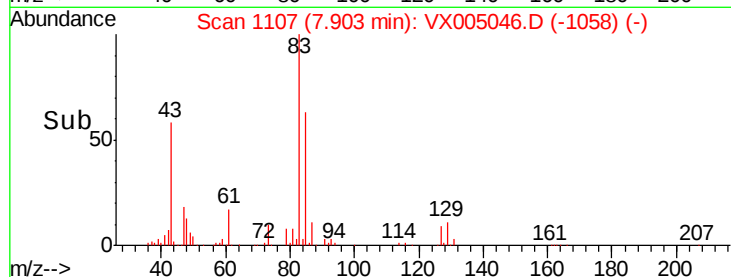
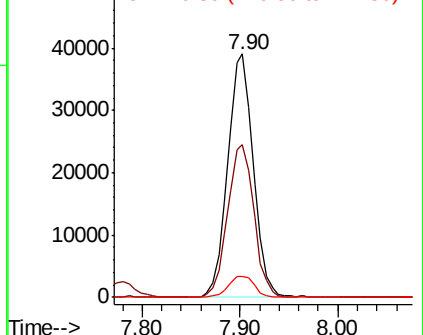
#47
 Bromodichloromethane
 Concen: 20.277 ug/l
 RT: 7.90 min Scan# 1107
 Delta R.T. -0.00 min
 Lab File: VX005046.D
 Acq: 05 Oct 2018 04:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBSD04

Tot Ion: 83 Resp: 70844
 Ion Ratio Lower Upper
 83 100
 85 62.7 51.2 76.8
 127 8.8 7.0 10.6

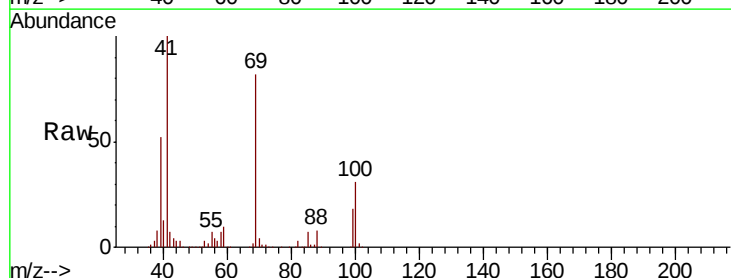


Abundance Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 126.80 (126.50 to 127.50): V

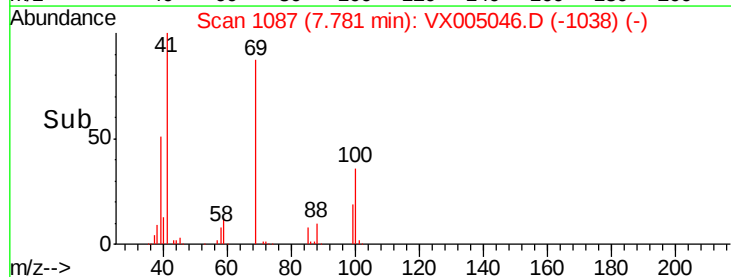
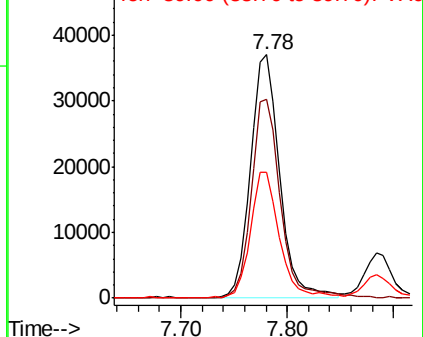


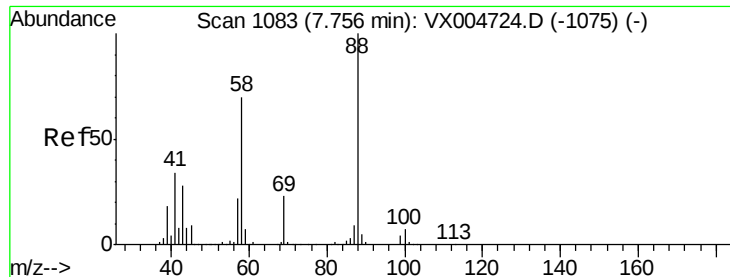
#48
 Methyl methacrylate
 Concen: 21.271 ug/l
 RT: 7.78 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX005046.D
 Acq: 05 Oct 2018 04:30

Tgt Ion: 41 Resp: 71537
 Ion Ratio Lower Upper
 41 100
 69 81.9 63.8 95.6
 39 51.0 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

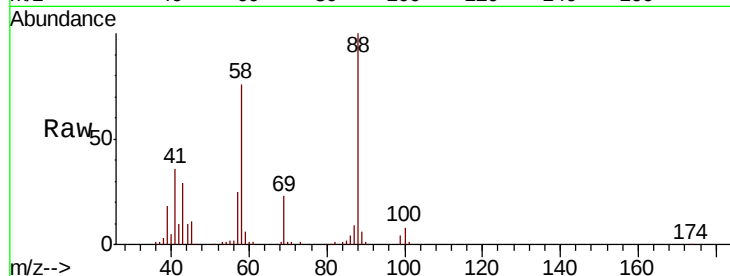




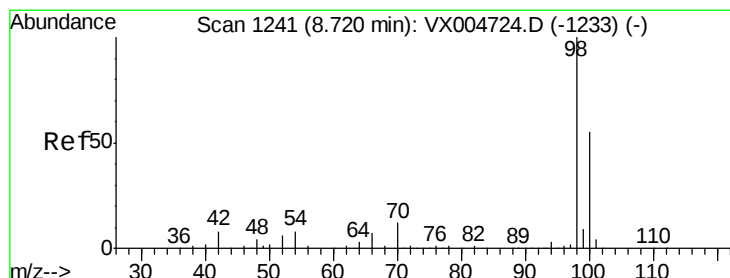
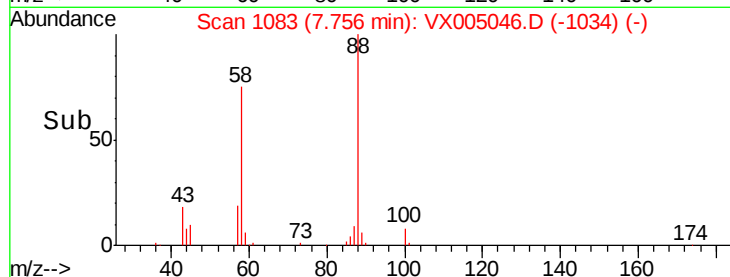
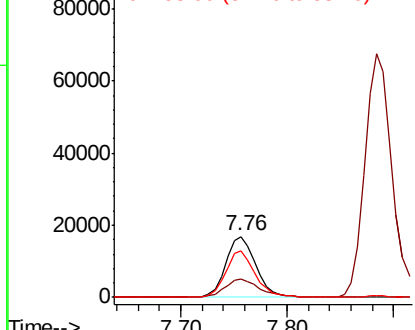
#49
 1,4-Dioxane
 Concen: 399.366 ug/l
 RT: 7.76 min Scan# 1083
 Delta R.T. -0.00 min
 Lab File: VX005046.D
 Acq: 05 Oct 2018 04:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBSD04

Tot Ion: 88 Resp: 33369
 Ion Ratio Lower Upper
 88 100
 43 34.0 25.1 37.7
 58 75.0 56.2 84.2

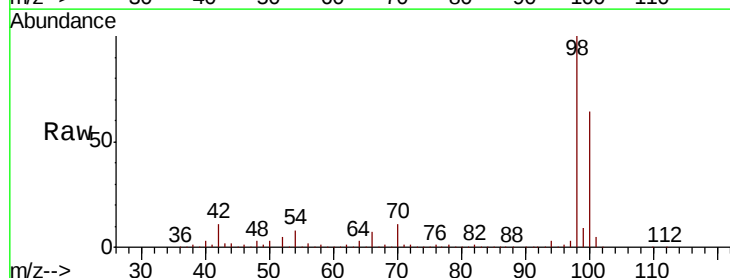


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

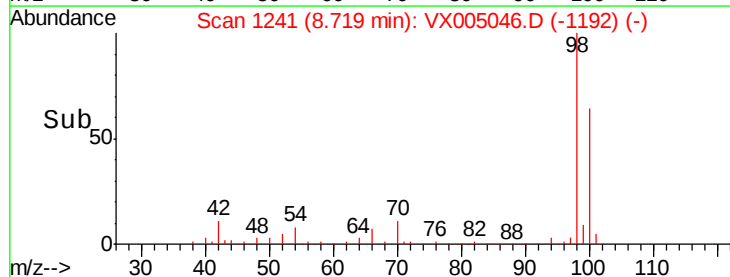
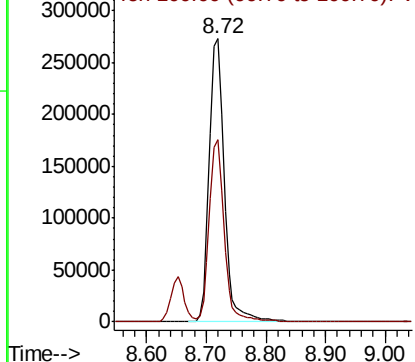


#50
 Toluene-d8
 Concen: 50.303 ug/l
 RT: 8.72 min Scan# 1241
 Delta R.T. -0.00 min
 Lab File: VX005046.D
 Acq: 05 Oct 2018 04:30

Tgt Ion: 98 Resp: 474043
 Ion Ratio Lower Upper
 98 100
 100 63.5 51.9 77.9



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

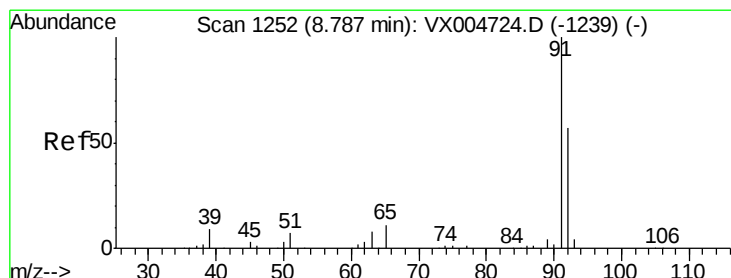
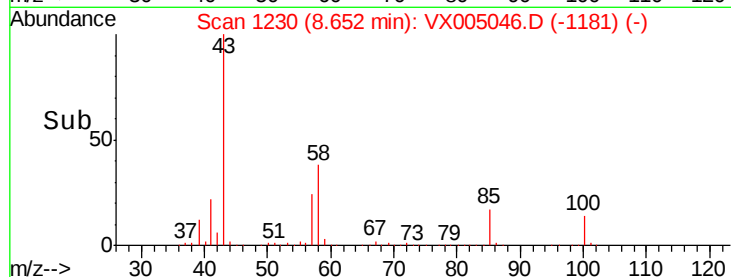
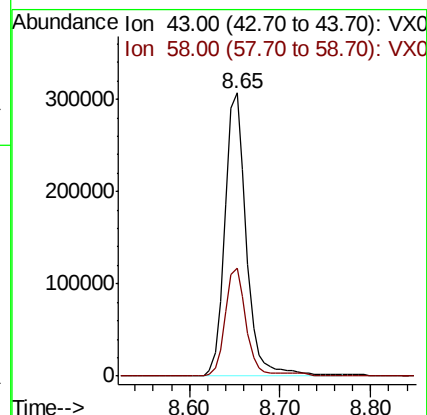
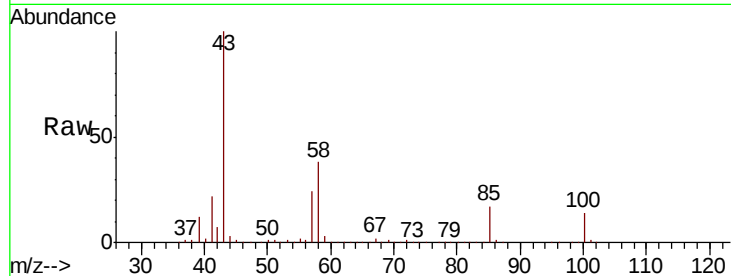




#51
4-Methyl-2-Pentanone
Concen: 108.613 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. -0.00 min
Lab File: VX005046.D
Acq: 05 Oct 2018 04:30

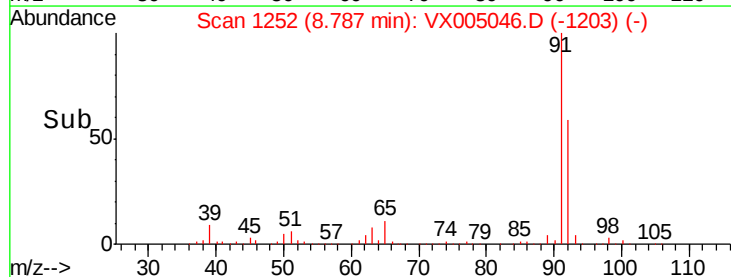
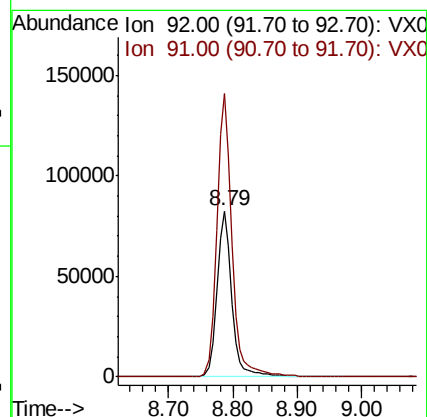
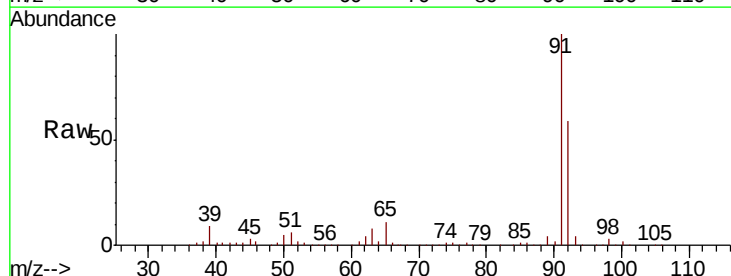
Instrument :
MSVOA_X
ClientSampleId :
VX1004WBSD04

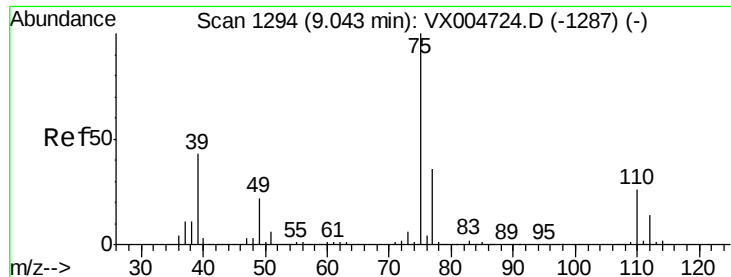
Tot Ion: 43 Resp: 506740
Ion Ratio Lower Upper
43 100
58 37.1 30.5 45.7



#52
Toluene
Concen: 20.184 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX005046.D
Acq: 05 Oct 2018 04:30

Tgt Ion: 92 Resp: 134288
Ion Ratio Lower Upper
92 100
91 173.6 136.7 205.1





#53

t-1,3-Dichloropropene

Concen: 18.018 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX005046.D

Acq: 05 Oct 2018 04:30

Instrument :

MSVOA_X

ClientSampleId :

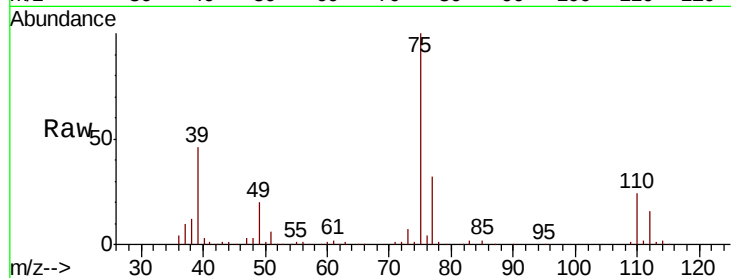
VX1004WBSD04

Tot Ion: 75 Resp: 71136

Ion Ratio Lower Upper

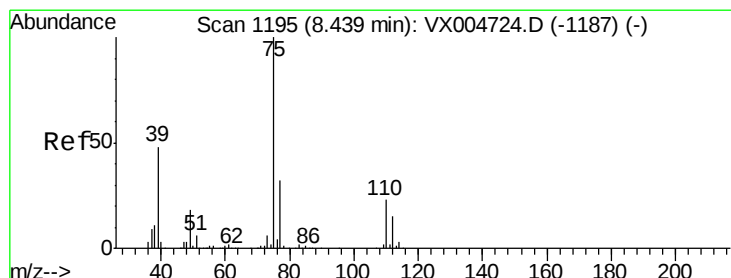
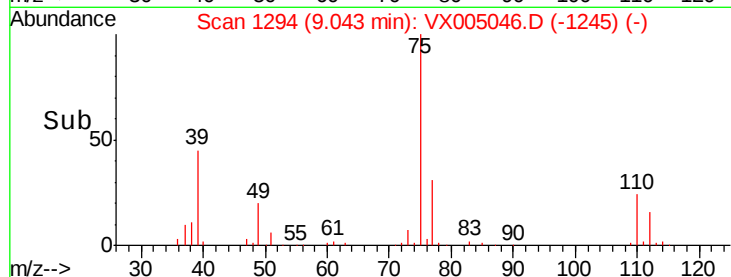
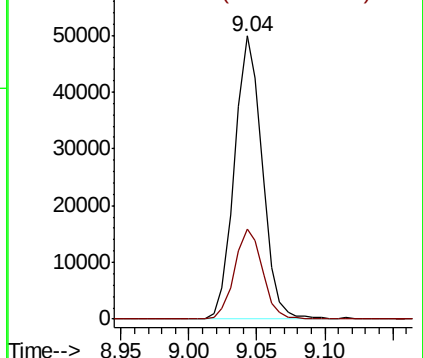
75 100

77 31.7 28.9 43.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 19.284 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. -0.00 min

Lab File: VX005046.D

Acq: 05 Oct 2018 04:30

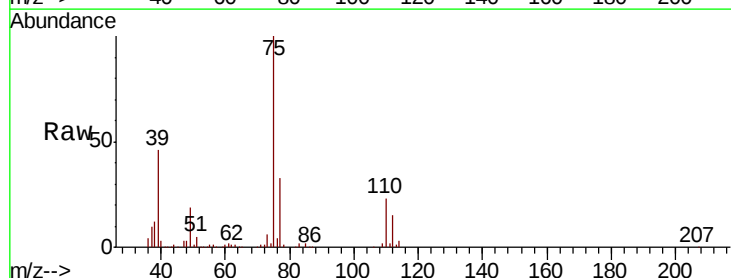
Tgt Ion: 75 Resp: 79747

Ion Ratio Lower Upper

75 100

77 32.9 25.7 38.5

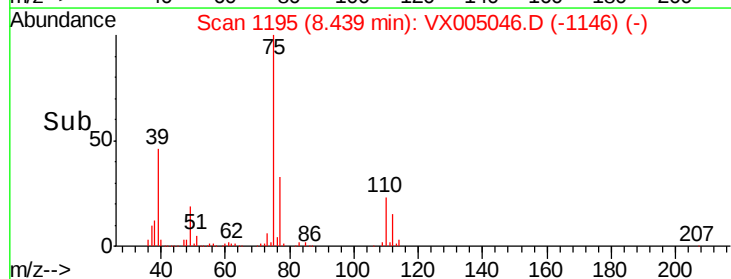
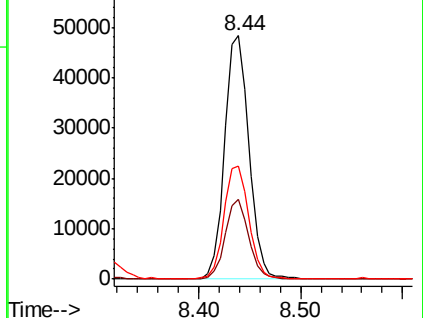
39 45.9 38.3 57.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 19.709 ug/l

RT: 9.22 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX005046.D

Acq: 05 Oct 2018 04:30

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBSD04

Tot Ion: 97 Resp: 57437

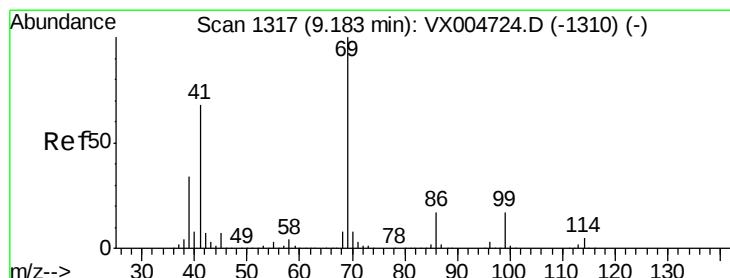
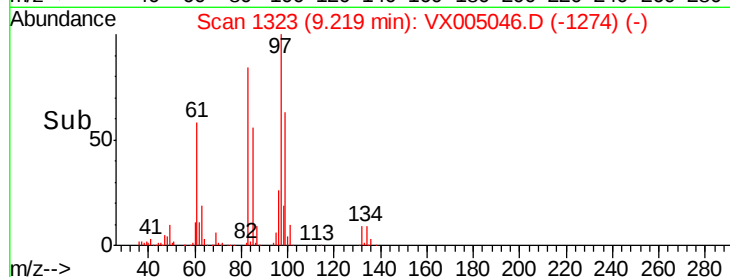
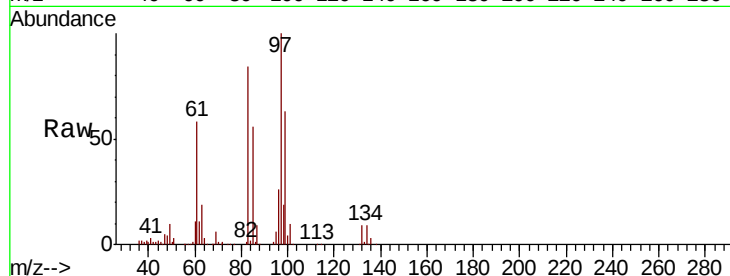
Ion	Ratio	Lower	Upper
97	100		
83	84.1	68.2	102.2
85	56.0	49.9	74.9
99	62.7	48.9	73.3

Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 19.500 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VX005046.D

Acq: 05 Oct 2018 04:30

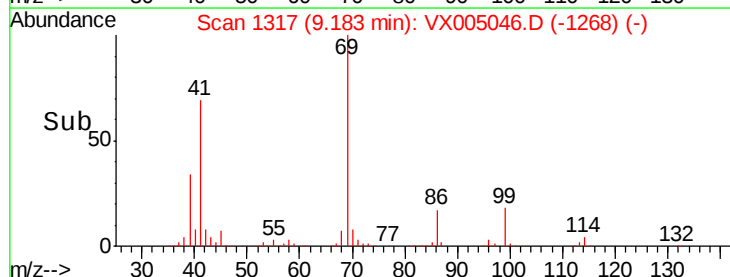
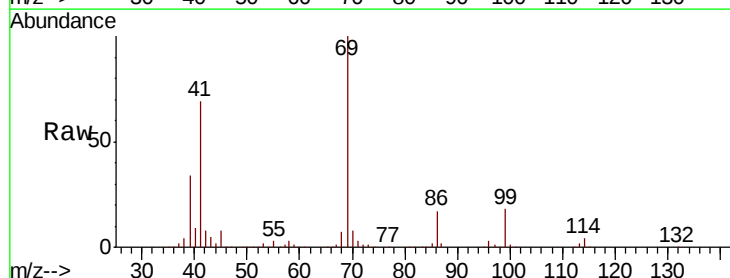
Tgt Ion: 69 Resp: 83458

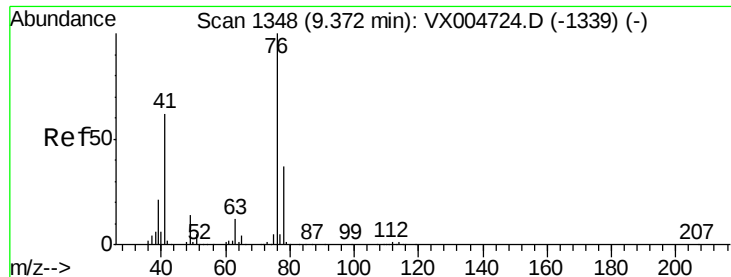
Ion	Ratio	Lower	Upper
69	100		
41	69.7	56.9	85.3
39	33.9	28.4	42.6

Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.390 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX005046.D

Acq: 05 Oct 2018 04:30

Instrument :

MSVOA_X

ClientSampleId :

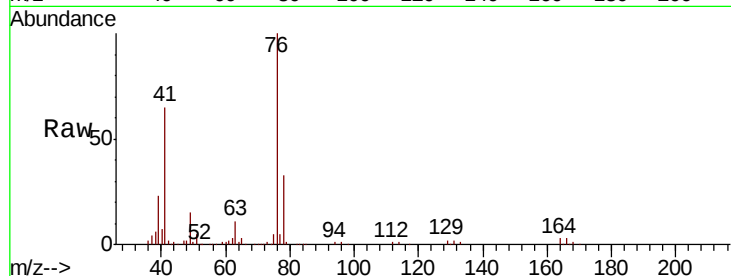
VX1004WBSD04

Tot Ion: 76 Resp: 94048

Ion Ratio Lower Upper

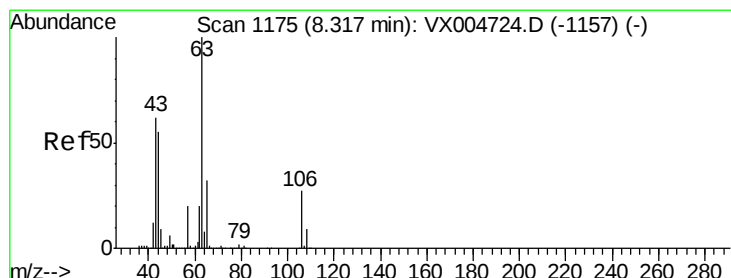
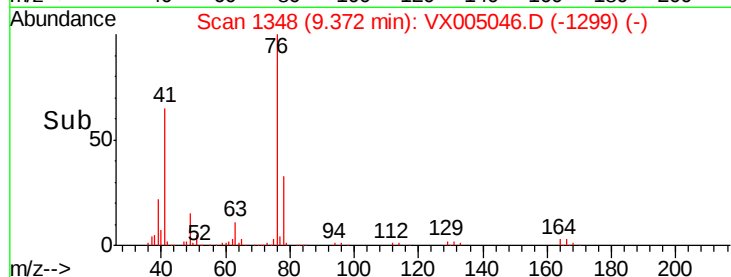
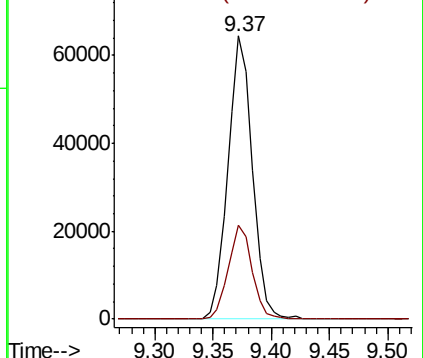
76 100

78 32.7 26.6 40.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 103.939 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. -0.00 min

Lab File: VX005046.D

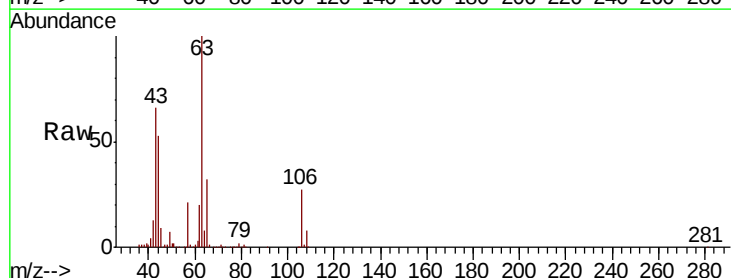
Acq: 05 Oct 2018 04:30

Tgt Ion: 63 Resp: 238843

Ion Ratio Lower Upper

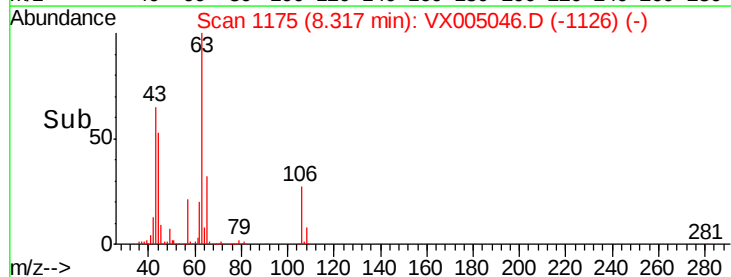
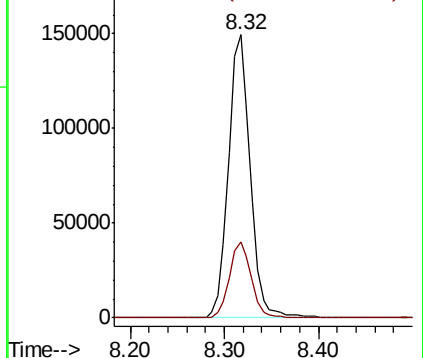
63 100

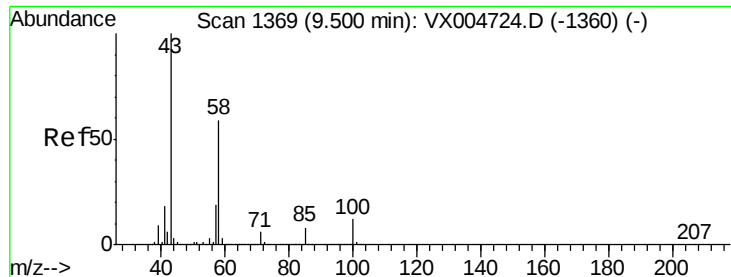
106 27.0 21.0 31.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

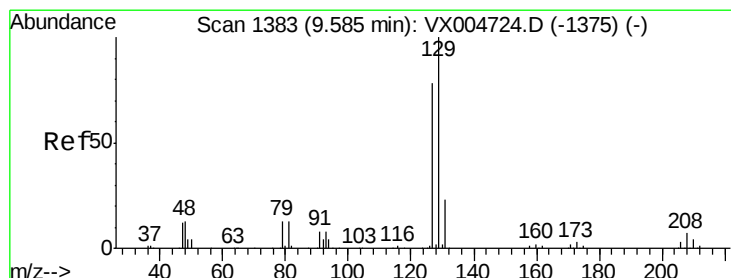
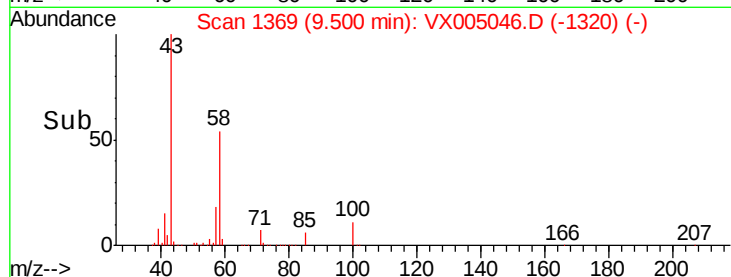
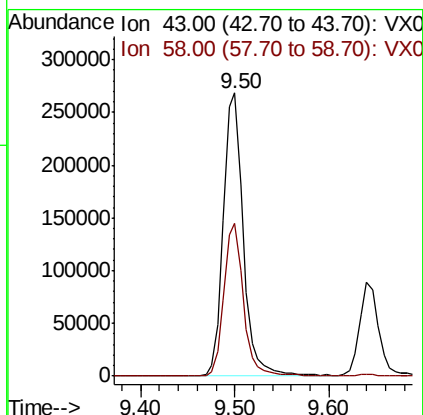
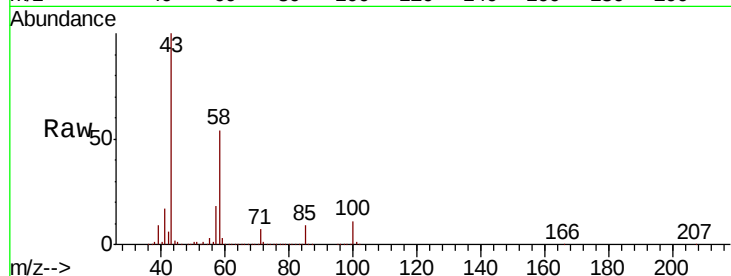




#59
2-Hexanone
Concen: 101.743 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX005046.D
Acq: 05 Oct 2018 04:30

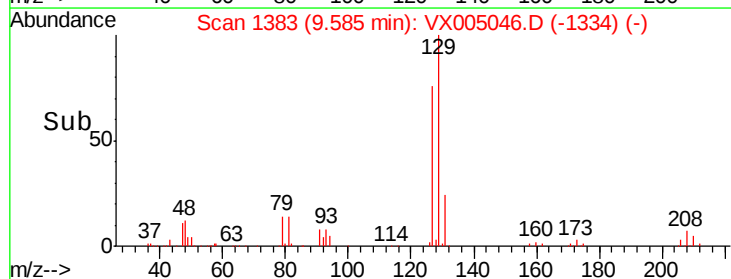
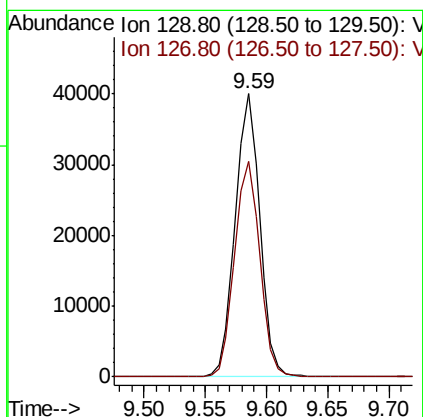
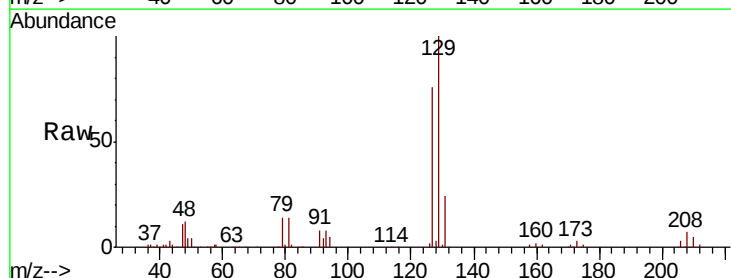
Instrument :
MSVOA_X
ClientSampleId :
VX1004WBSD04

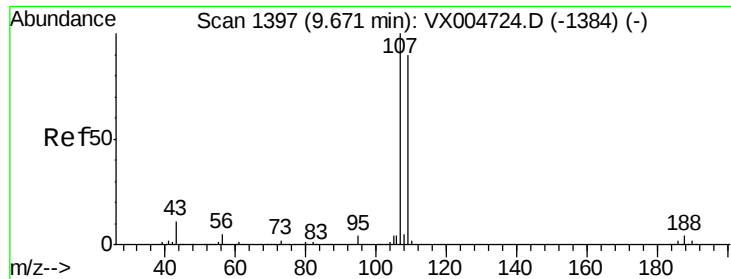
Tot Ion: 43 Resp: 395564
Ion Ratio Lower Upper
43 100
58 53.0 28.4 85.3



#60
Dibromochloromethane
Concen: 19.097 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005046.D
Acq: 05 Oct 2018 04:30

Tgt Ion: 129 Resp: 55659
Ion Ratio Lower Upper
129 100
127 78.1 39.1 117.2





#61

1,2-Dibromoethane

Concen: 18.957 ug/l

RT: 9.68 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VX005046.D

Acq: 05 Oct 2018 04:30

Instrument :

MSVOA_X

ClientSampleId :

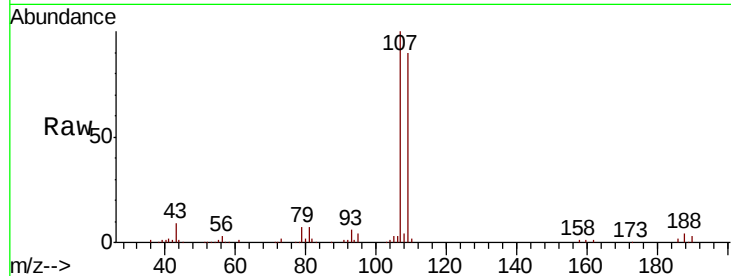
VX1004WBSD04

Tot Ion:107 Resp: 59165

Ion Ratio Lower Upper

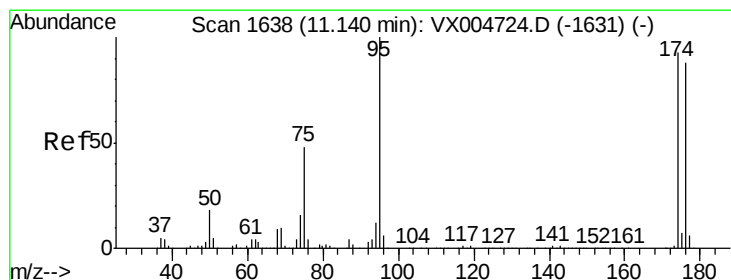
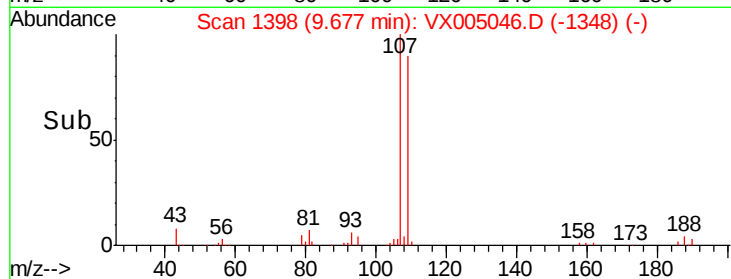
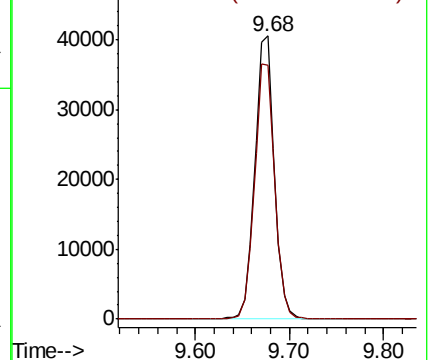
107 100

109 93.2 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: 51.206 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005046.D

Acq: 05 Oct 2018 04:30

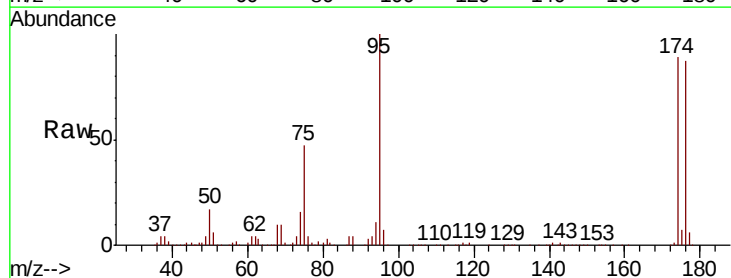
Tgt Ion: 95 Resp: 173844

Ion Ratio Lower Upper

95 100

174 90.3 0.0 185.0

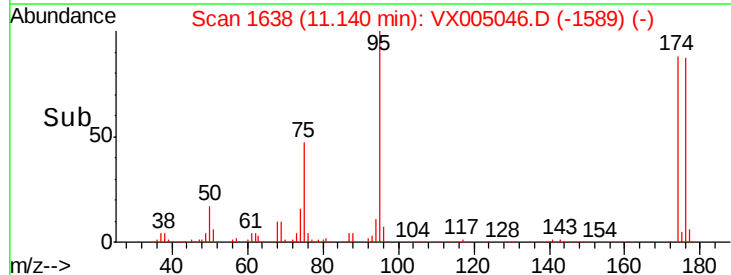
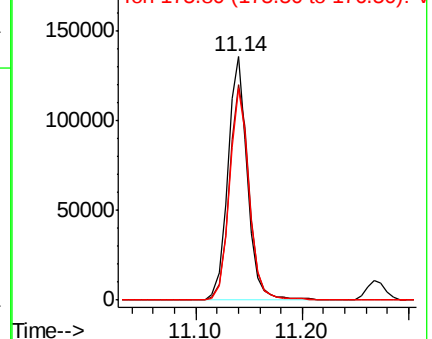
176 87.8 0.0 180.2



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

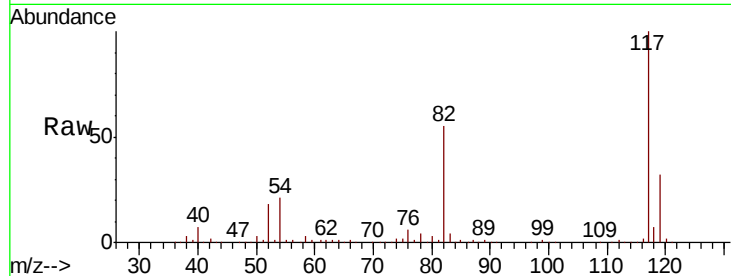




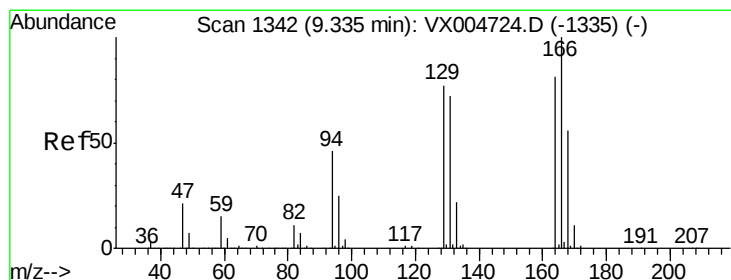
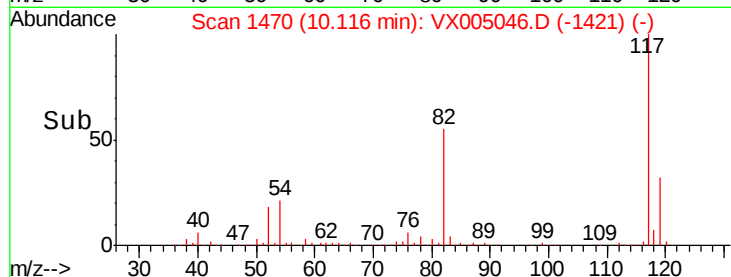
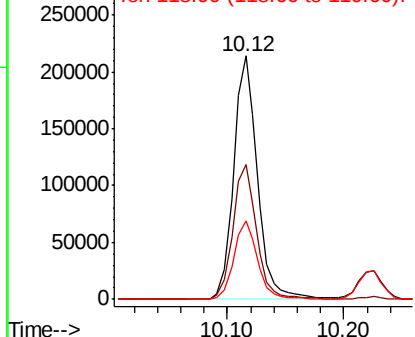
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005046.D
Acq: 05 Oct 2018 04:30

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBSD04

Tot Ion:117 Resp: 304389
Ion Ratio Lower Upper
117 100
82 55.3 42.2 63.4
119 32.4 27.4 41.0

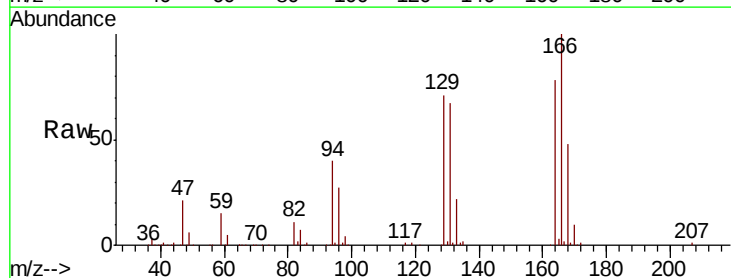


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

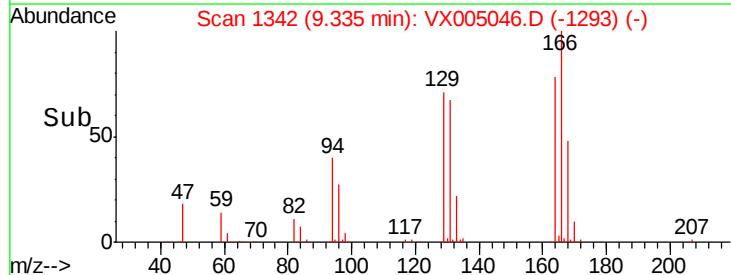
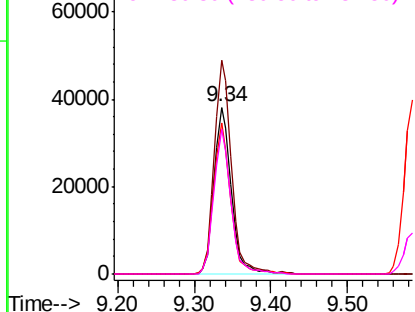


#64
Tetrachloroethene
Concen: 20.163 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005046.D
Acq: 05 Oct 2018 04:30

Tgt Ion:164 Resp: 60405
Ion Ratio Lower Upper
164 100
166 128.1 98.4 147.6
129 91.0 76.1 114.1
131 86.4 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

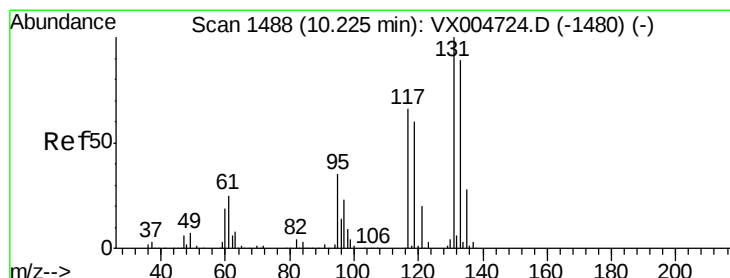
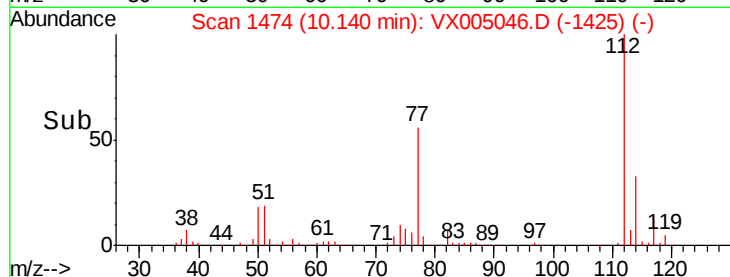
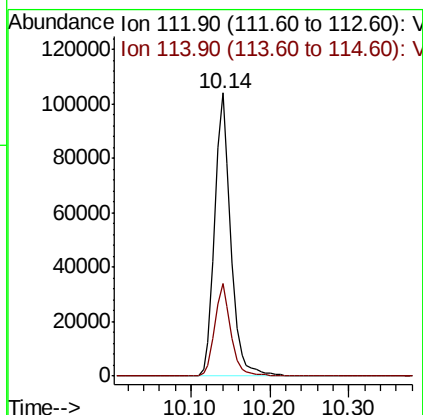
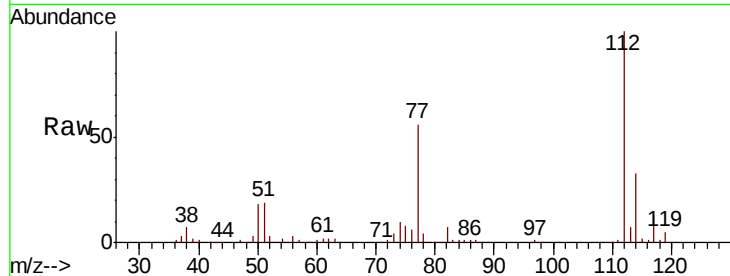




#65
Chlorobenzene
Concen: 19.082 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX005046.D
Acq: 05 Oct 2018 04:30

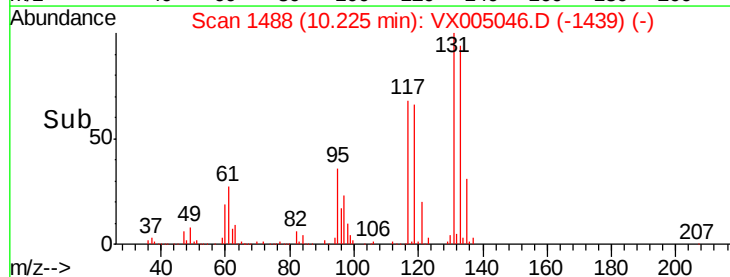
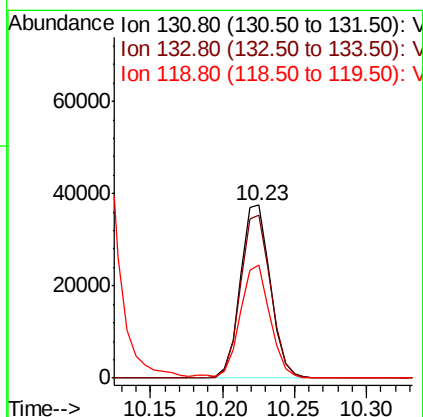
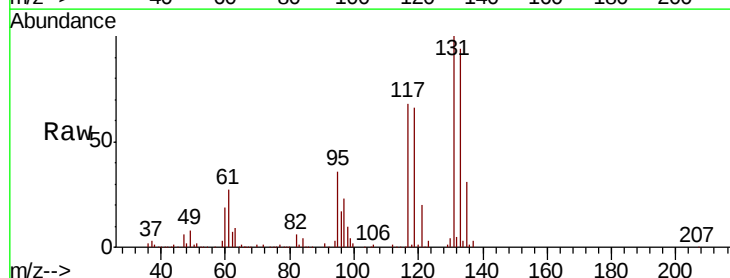
Instrument :
MSVOA_X
ClientSampleId :
VX1004WBSD04

Tot Ion:112 Resp: 148942
Ion Ratio Lower Upper
112 100
114 32.5 26.7 40.1



#66
1,1,1,2-Tetrachloroethane
Concen: 19.719 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VX005046.D
Acq: 05 Oct 2018 04:30

Tgt Ion:131 Resp: 54110
Ion Ratio Lower Upper
131 100
133 95.1 48.4 145.0
119 65.5 32.3 96.8

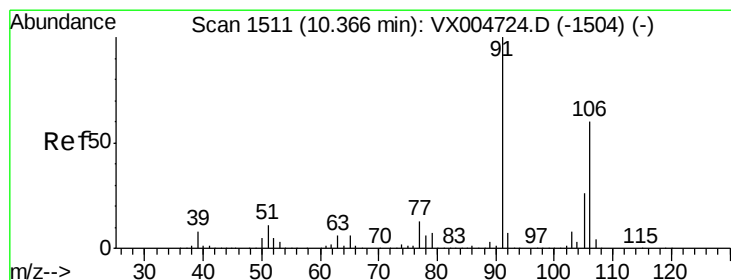
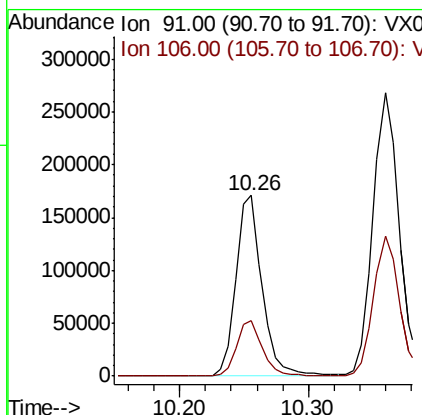
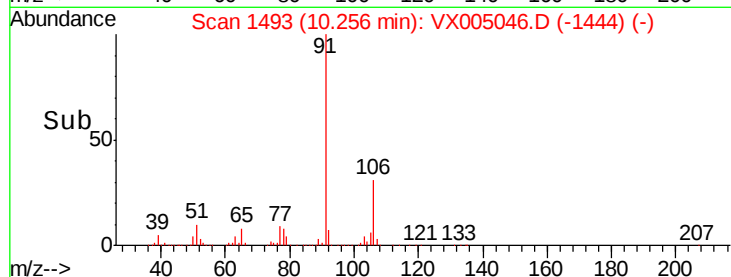
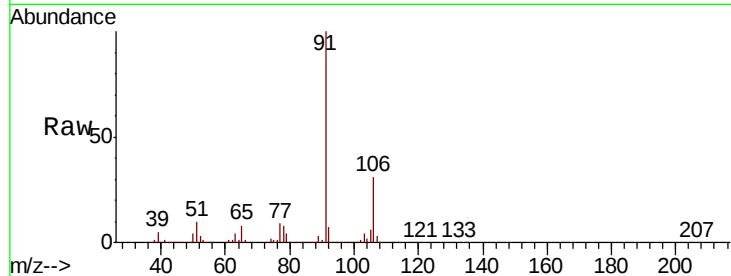




#67
Ethyl Benzene
Concen: 19.576 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VX005046.D
Acq: 05 Oct 2018 04:30

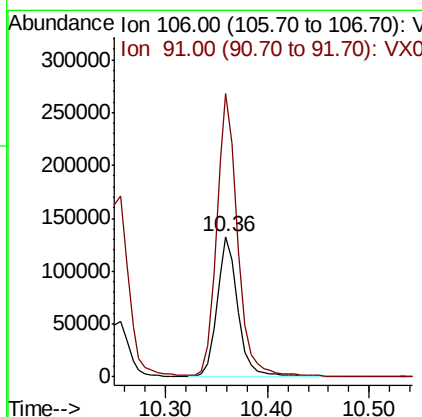
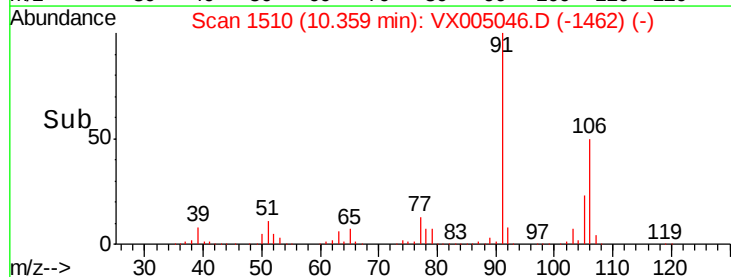
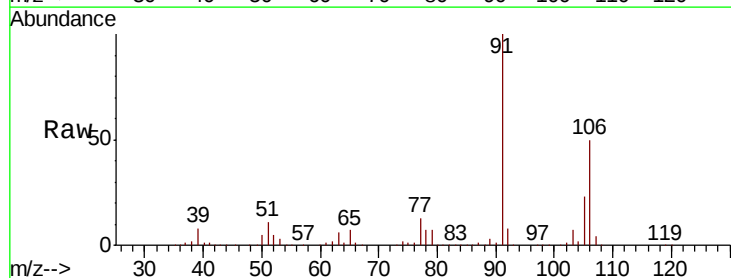
Instrument :
MSVOA_X
ClientSampleId :
VX1004WBSD04

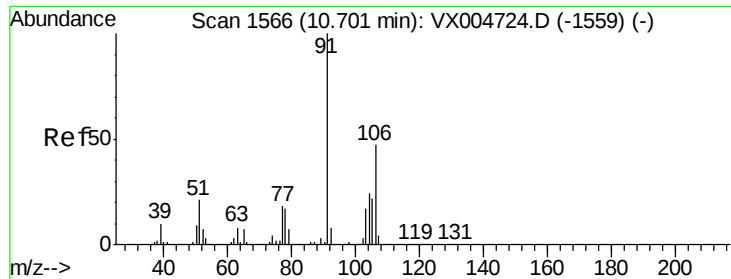
Tot Ion: 91 Resp: 242586
Ion Ratio Lower Upper
91 100
106 30.7 26.9 40.3



#68
m/p-Xylenes
Concen: 38.970 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX005046.D
Acq: 05 Oct 2018 04:30

Tgt Ion: 106 Resp: 188709
Ion Ratio Lower Upper
106 100
91 206.3 157.5 236.3

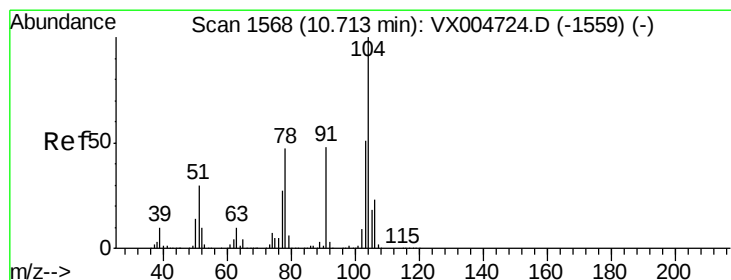
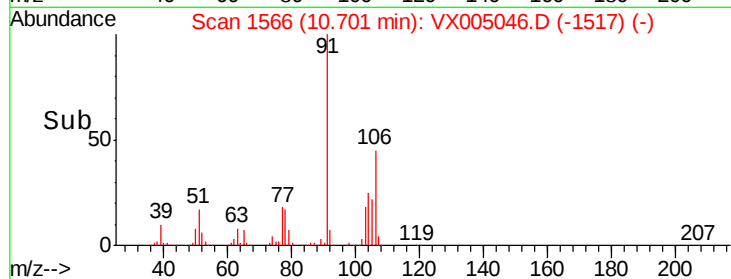
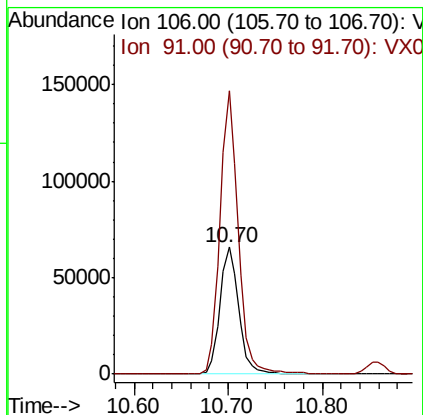
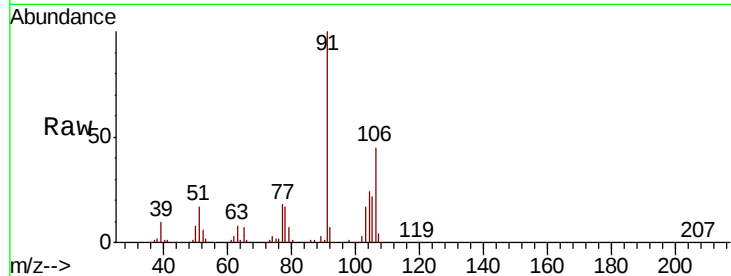




#69
o-Xylene
Concen: 20.650 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005046.D
Acq: 05 Oct 2018 04:30

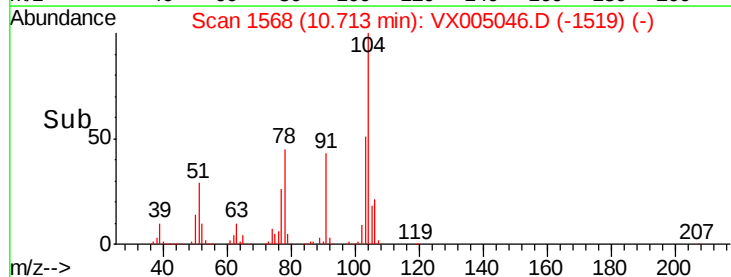
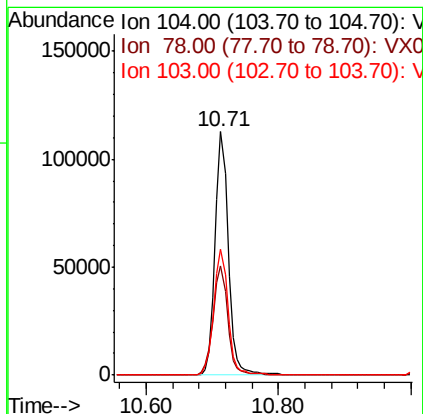
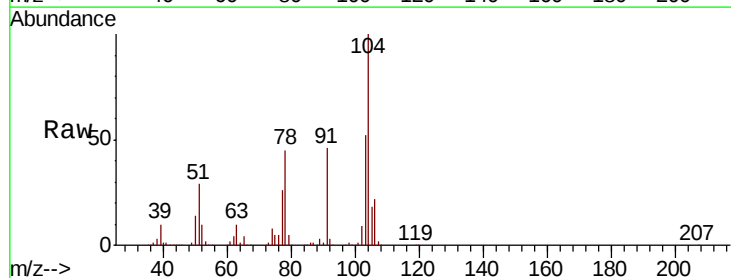
Instrument :
MSVOA_X
ClientSampleId :
VX1004WBSD04

Tot Ion:106 Resp: 91848
Ion Ratio Lower Upper
106 100
91 215.8 108.3 324.8



#70
Styrene
Concen: 20.013 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005046.D
Acq: 05 Oct 2018 04:30

Tgt Ion:104 Resp: 155321
Ion Ratio Lower Upper
104 100
78 50.0 40.0 60.0
103 56.0 44.3 66.5





#71

Bromoform

Concen: 19.130 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005046.D

Acq: 05 Oct 2018 04:30

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBSD04

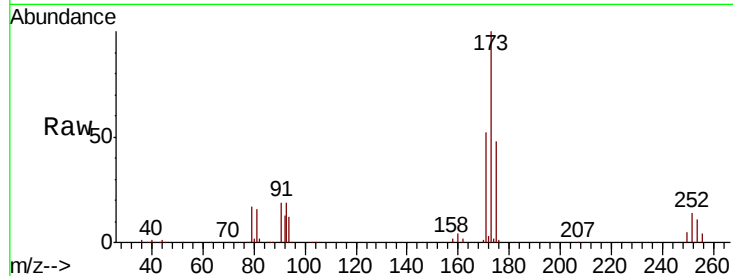
Tot Ion:173 Resp: 44940

Ion Ratio Lower Upper

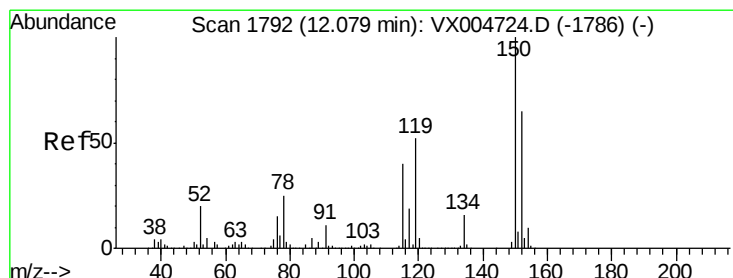
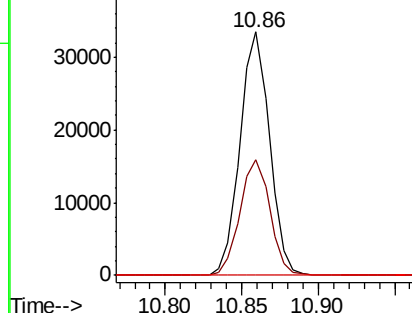
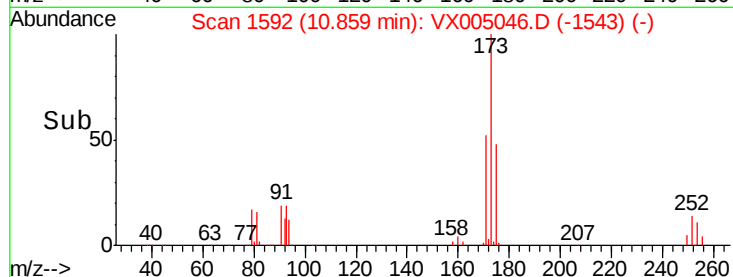
173 100

175 48.4 23.3 69.8

254 0.0 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: VX005046.D

Acq: 05 Oct 2018 04:30

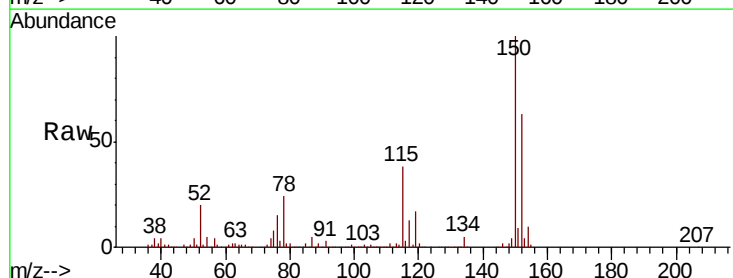
Tgt Ion:152 Resp: 181150

Ion Ratio Lower Upper

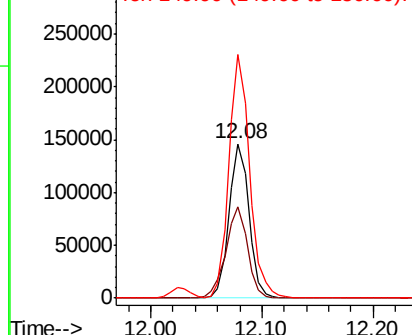
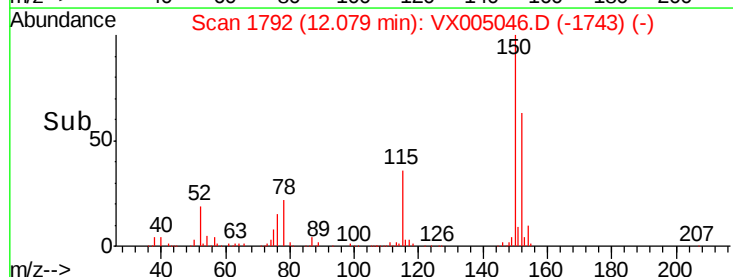
152 100

115 64.5 40.2 120.6

150 163.7 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: 21.683 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005046.D

Acq: 05 Oct 2018 04:30

Instrument :

MSVOA_X

ClientSampleId :

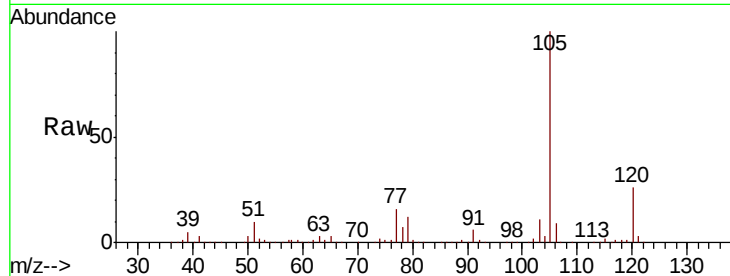
VX1004WBSD04

Tot Ion: 105 Resp: 247581

Ion Ratio Lower Upper

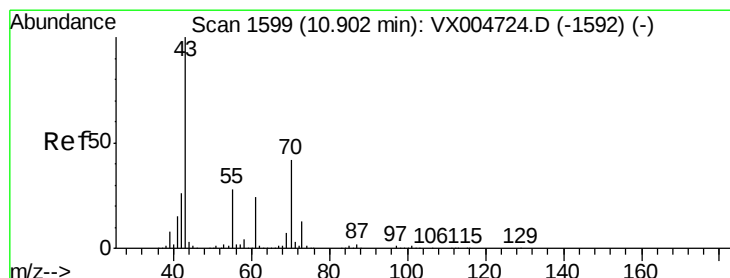
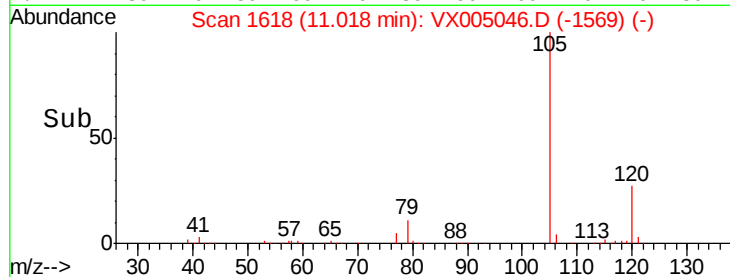
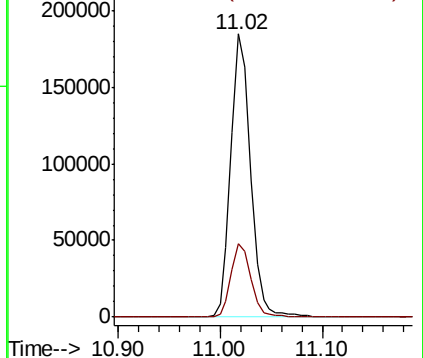
105 100

120 26.2 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: 19.698 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. -0.00 min

Lab File: VX005046.D

Acq: 05 Oct 2018 04:30

Tgt Ion: 43 Resp: 116736

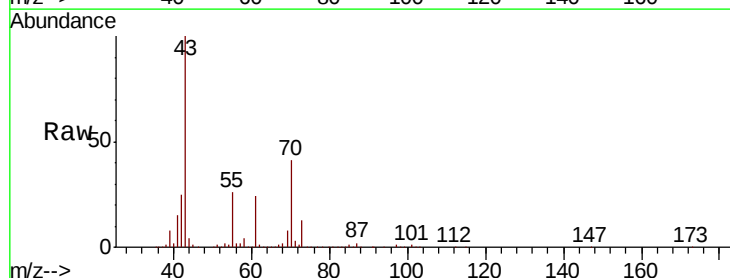
Ion Ratio Lower Upper

43 100

70 41.1 32.6 48.8

55 25.0 21.6 32.4

61 23.6 19.1 28.7

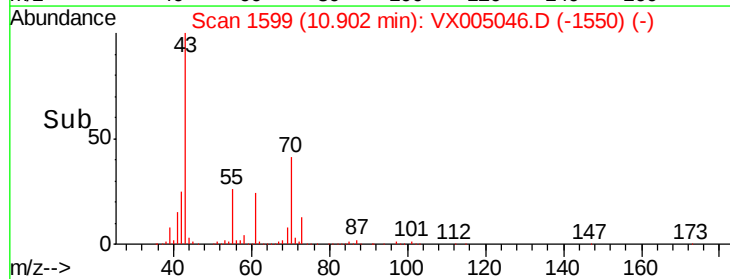
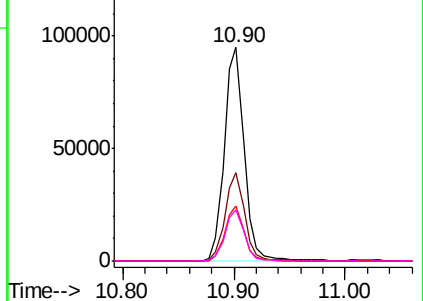


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 19.605 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005046.D

Acq: 05 Oct 2018 04:30

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBSD04

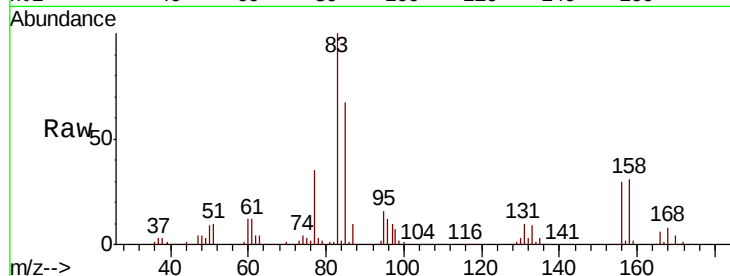
Tot Ion: 83 Resp: 91123

Ion Ratio Lower Upper

83 100

131 10.5 5.1 15.3

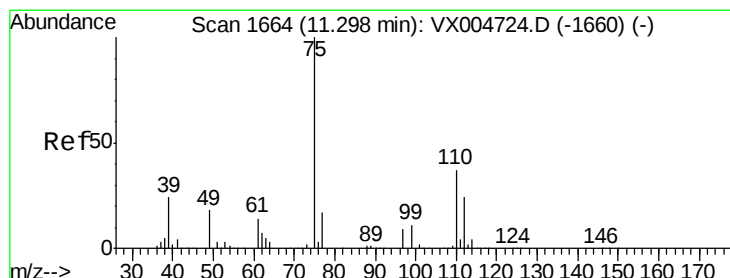
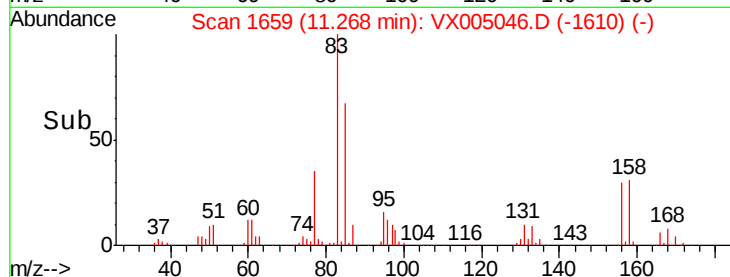
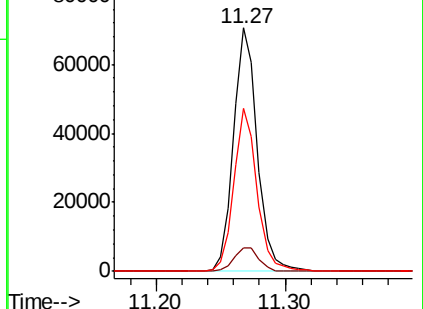
85 65.3 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.574 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX005046.D

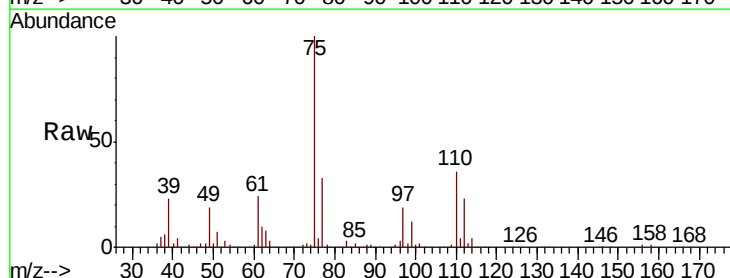
Acq: 05 Oct 2018 04:30

Tgt Ion: 75 Resp: 99776

Ion Ratio Lower Upper

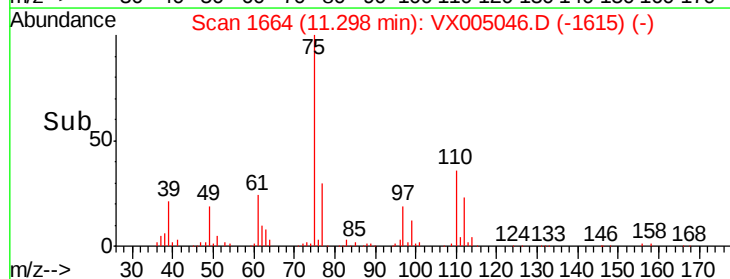
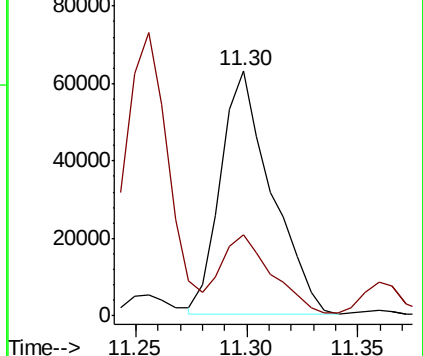
75 100

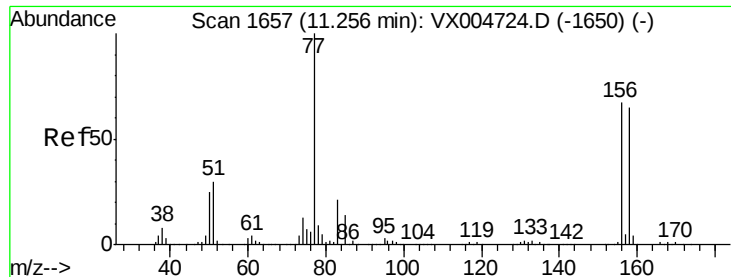
77 33.6 21.4 64.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.691 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005046.D

Acq: 05 Oct 2018 04:30

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBSD04

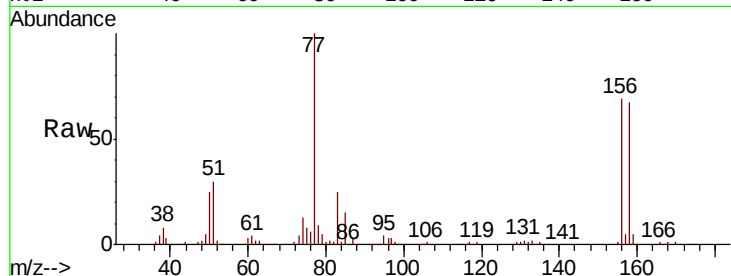
Tot Ion:156 Resp: 68622

Ion Ratio Lower Upper

156 100

77 145.0 73.4 220.2

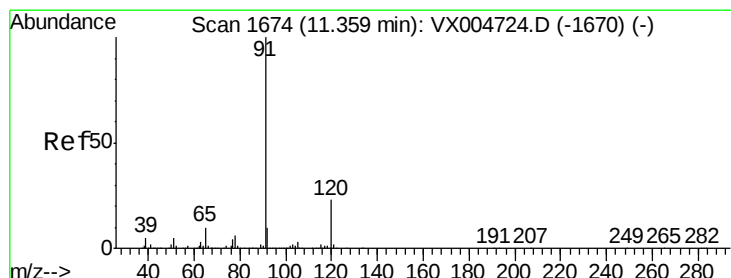
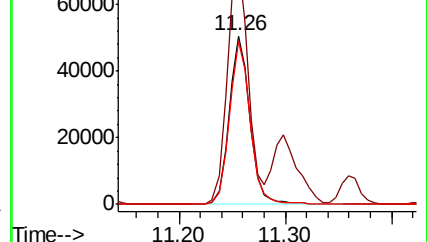
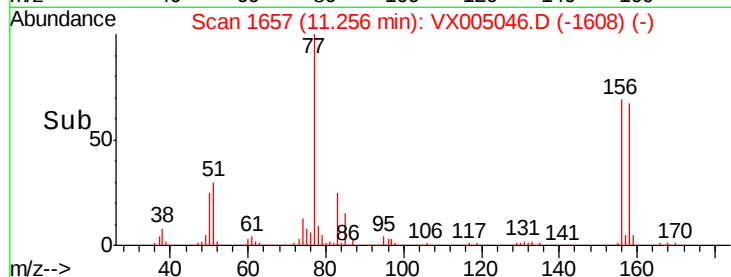
158 96.7 49.1 147.4



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: 21.184 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005046.D

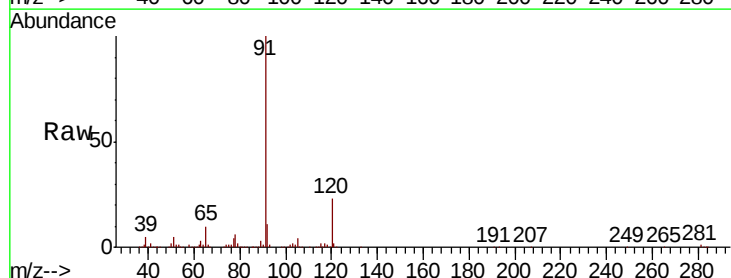
Acq: 05 Oct 2018 04:30

Tgt Ion: 91 Resp: 277532

Ion Ratio Lower Upper

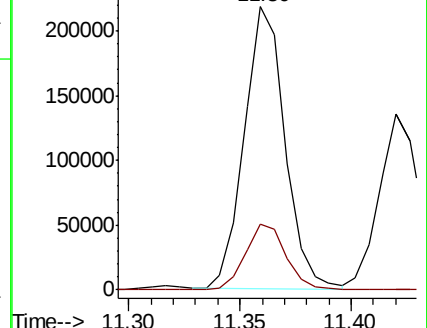
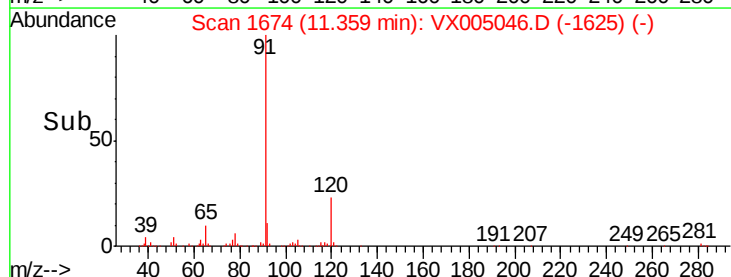
91 100

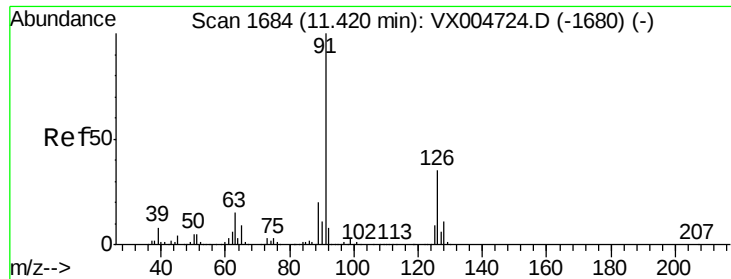
120 23.8 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

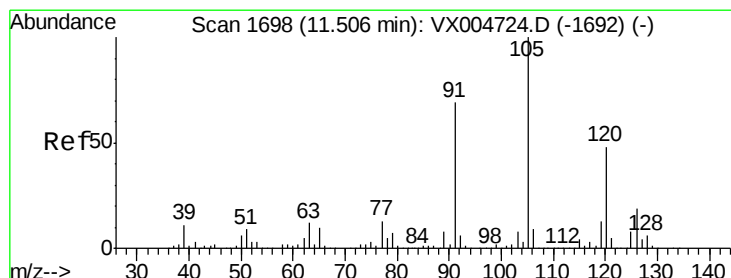
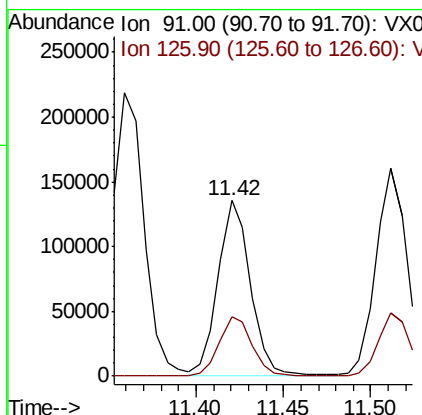
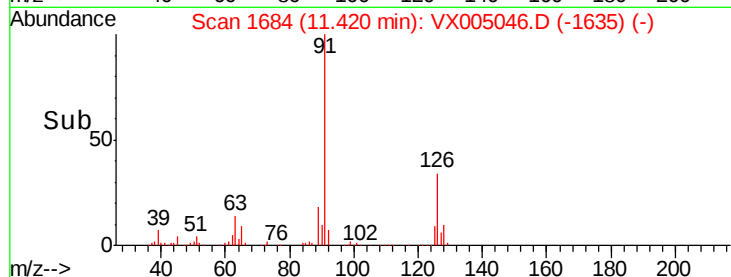
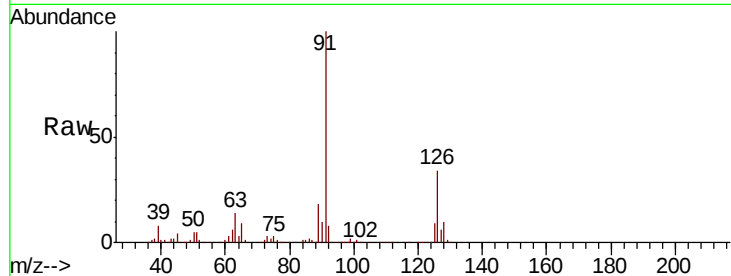




#79
 2-Chlorotoluene
 Concen: 21.187 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX005046.D
 Acq: 05 Oct 2018 04:30

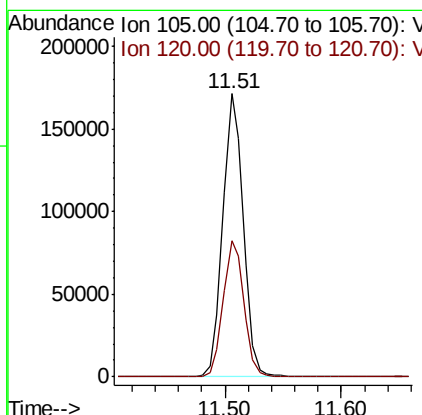
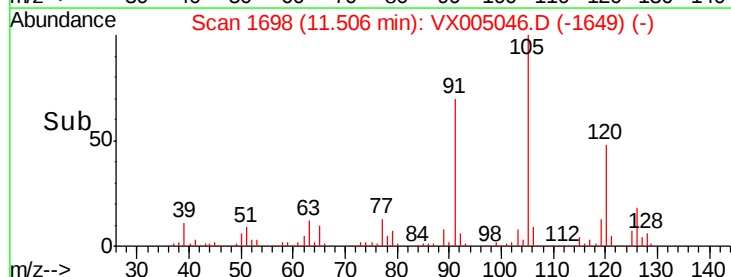
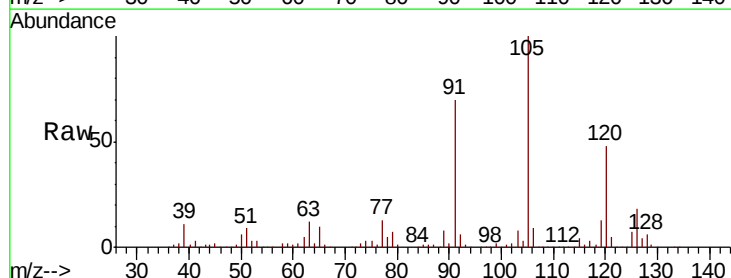
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBSD04

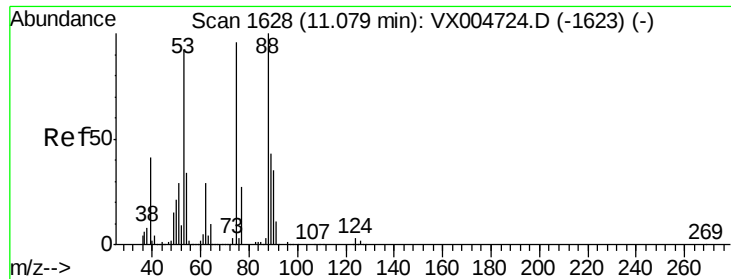
Tot Ion: 91 Resp: 173016
 Ion Ratio Lower Upper
 91 100
 126 35.2 17.6 52.9



#80
 1,3,5-Trimethylbenzene
 Concen: 19.706 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX005046.D
 Acq: 05 Oct 2018 04:30

Tgt Ion: 105 Resp: 207476
 Ion Ratio Lower Upper
 105 100
 120 49.1 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 14.946 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.01 min

Lab File: VX005046.D

Acq: 05 Oct 2018 04:30

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBSD04

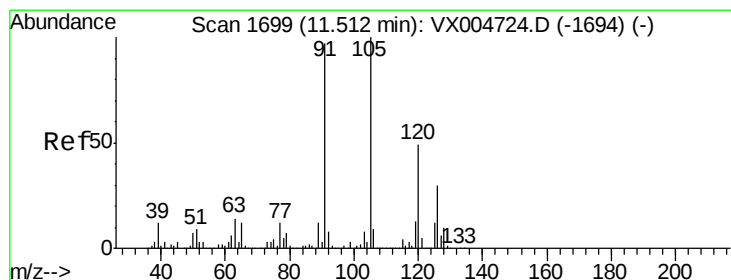
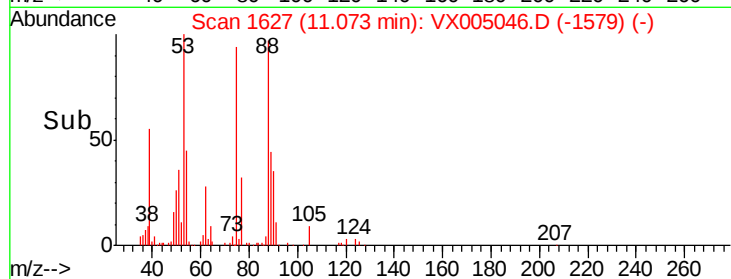
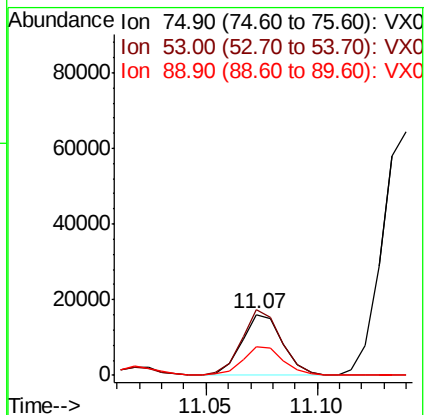
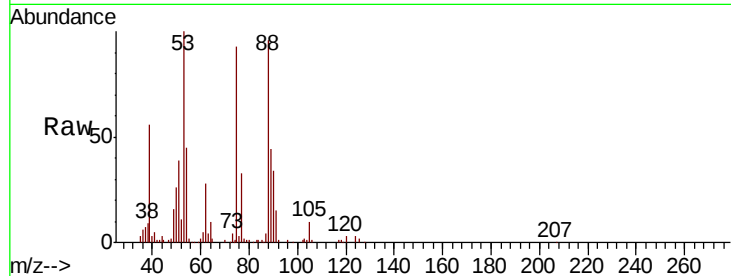
Tot Ion: 75 Resp: 20090

Ion Ratio Lower Upper

75 100

53 105.8 80.2 120.4

89 47.7 37.1 55.7



#82

4-Chlorotoluene

Concen: 21.175 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX005046.D

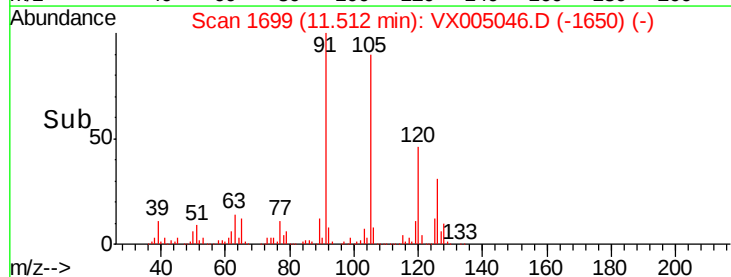
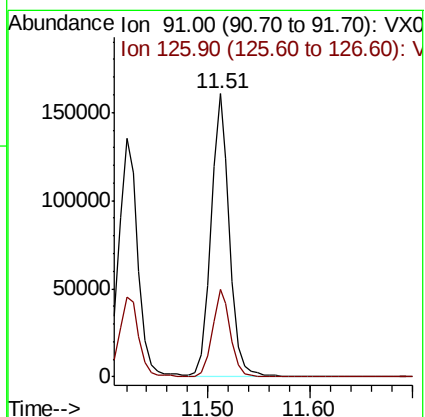
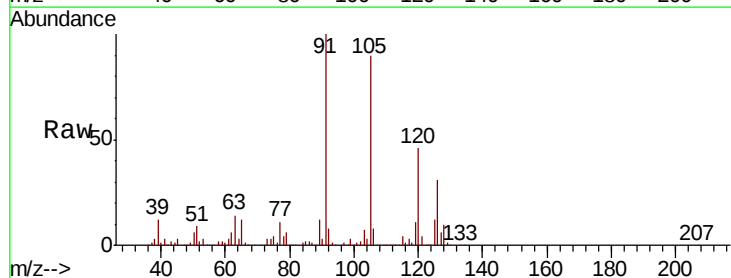
Acq: 05 Oct 2018 04:30

Tgt Ion: 91 Resp: 203529

Ion Ratio Lower Upper

91 100

126 30.3 15.5 46.5

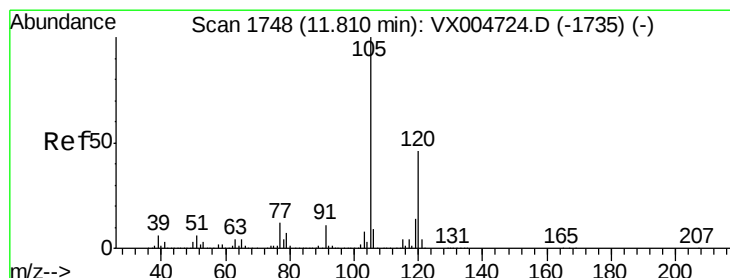
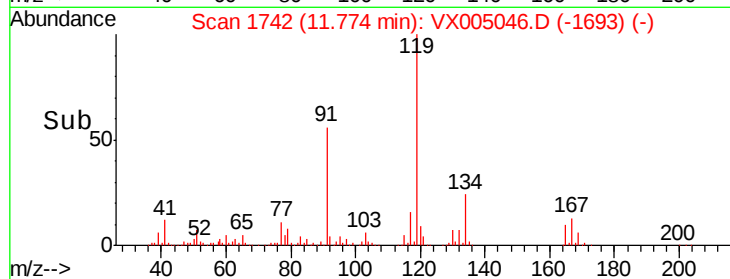
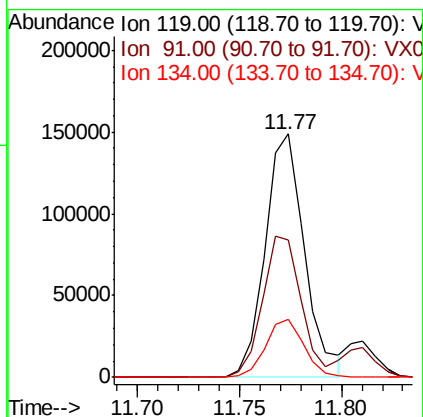
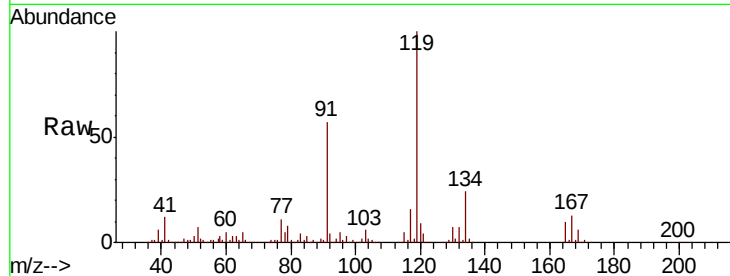




#83
 tert-Butylbenzene
 Concen: 21.313 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX005046.D
 Acq: 05 Oct 2018 04:30

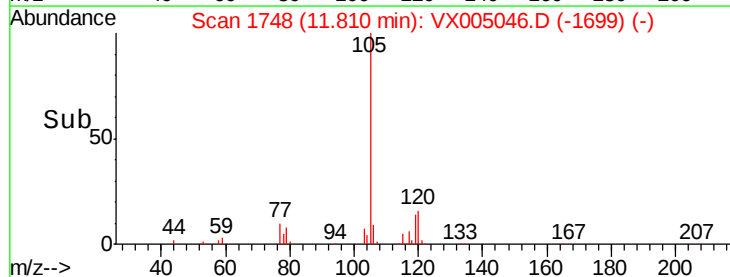
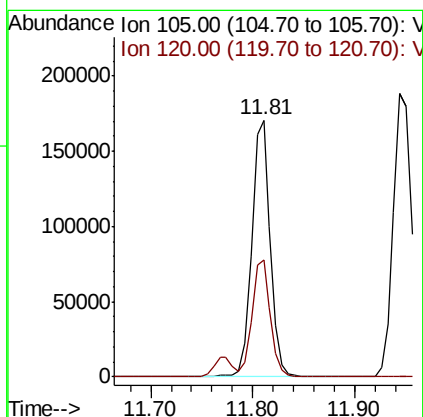
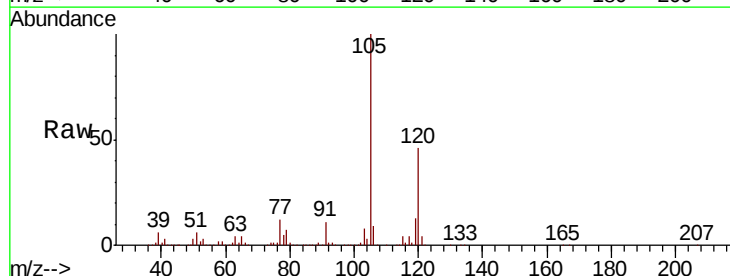
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBSD04

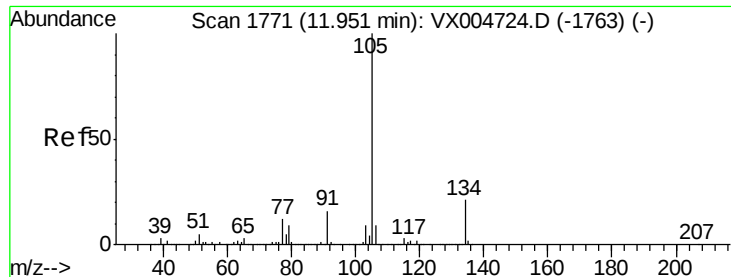
Tot Ion	Ratio	Lower	Upper
119	100		
91	56.8	27.5	82.5
134	23.1	11.5	34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 19.907 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VX005046.D
 Acq: 05 Oct 2018 04:30

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.2	22.8	68.3





#85

sec-Butylbenzene

Concen: 21.080 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX005046.D

Acq: 05 Oct 2018 04:30

Instrument :

MSVOA_X

ClientSampleId :

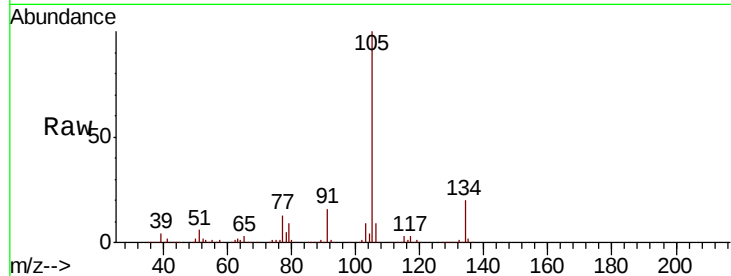
VX1004WBSD04

Tot Ion:105 Resp: 241377

Ion Ratio Lower Upper

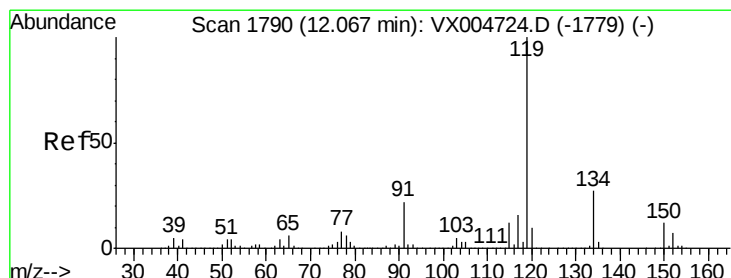
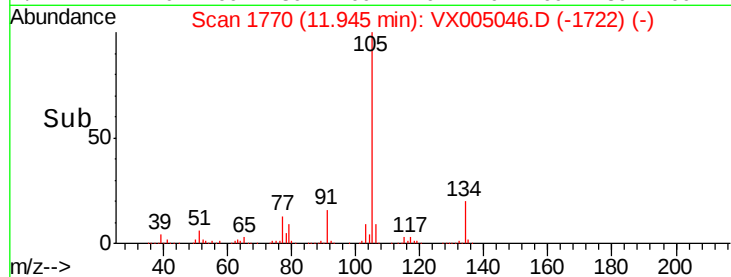
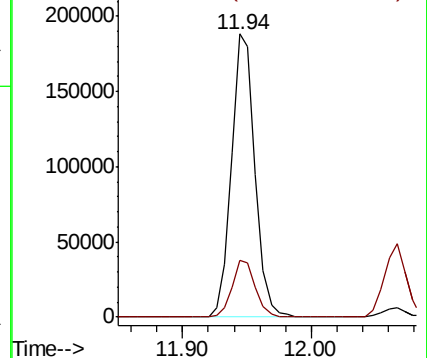
105 100

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: 20.611 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005046.D

Acq: 05 Oct 2018 04:30

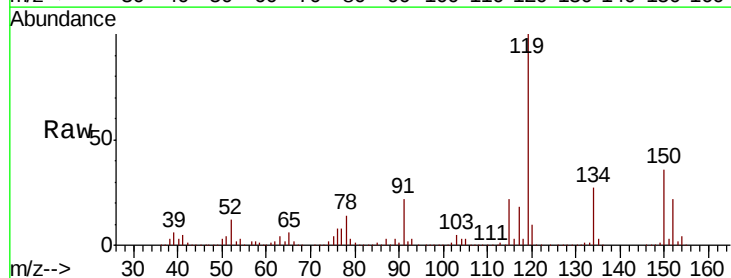
Tgt Ion:119 Resp: 213825

Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.1

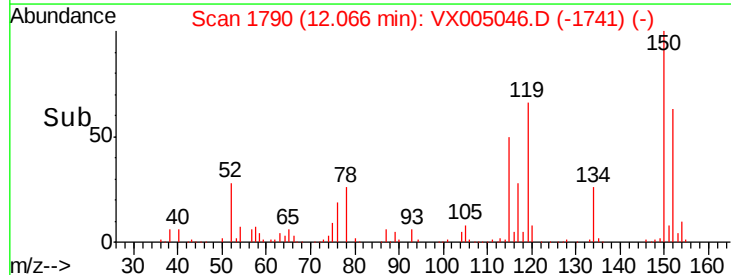
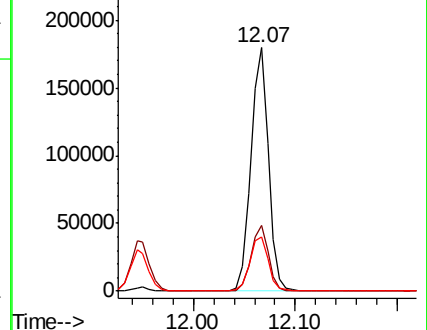
91 23.2 11.5 34.4



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: 19.681 ug/l

RT: 12.03 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX005046.D

Acq: 05 Oct 2018 04:30

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBSD04

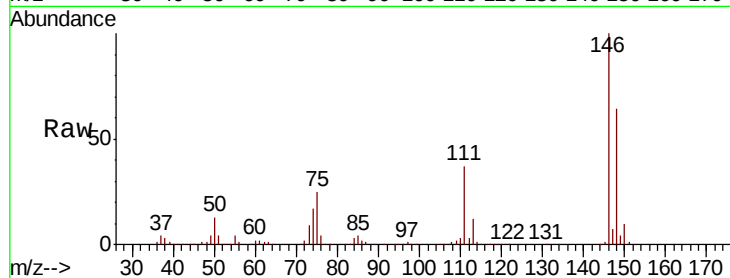
Tot Ion:146 Resp: 121880

Ion Ratio Lower Upper

146 100

111 38.6 18.9 56.9

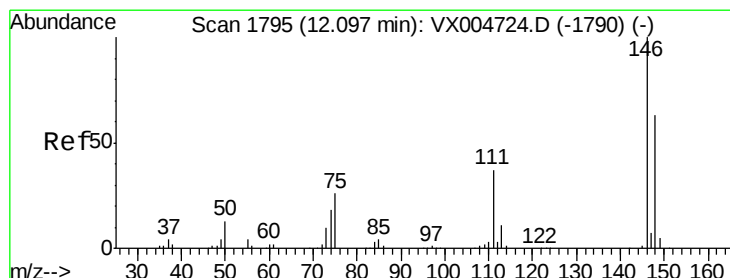
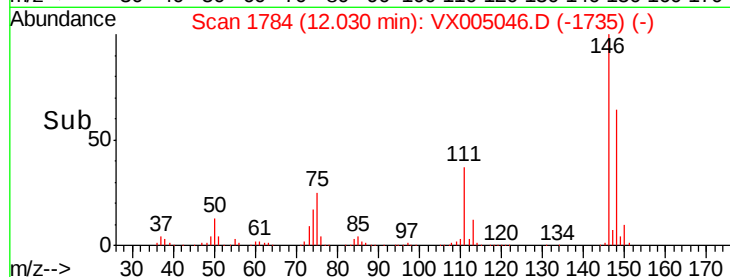
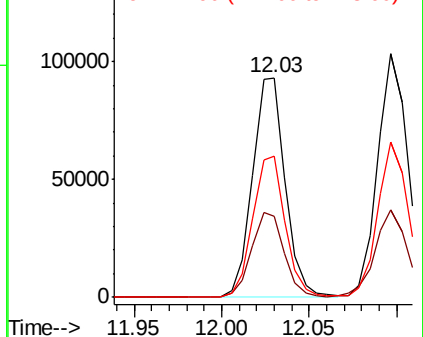
148 64.4 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.757 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX005046.D

Acq: 05 Oct 2018 04:30

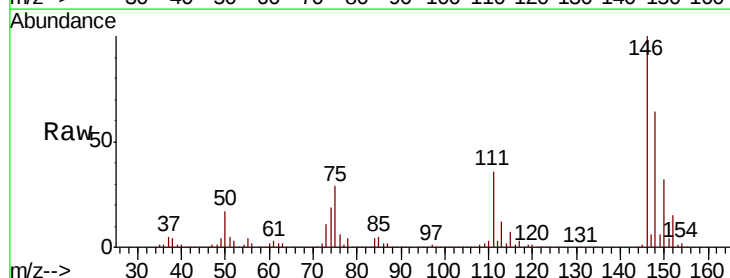
Tgt Ion:146 Resp: 126306

Ion Ratio Lower Upper

146 100

111 37.7 18.4 55.2

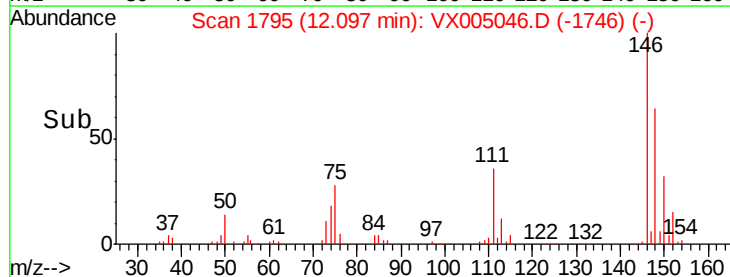
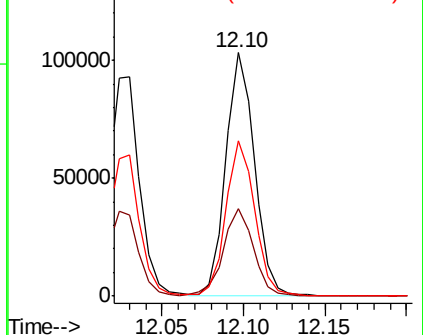
148 64.3 32.0 96.0

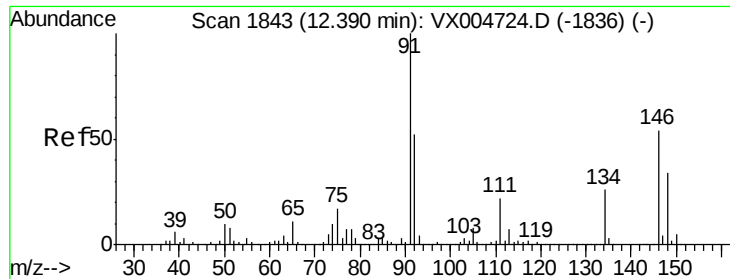


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 19.176 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX005046.D

Acq: 05 Oct 2018 04:30

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBSD04

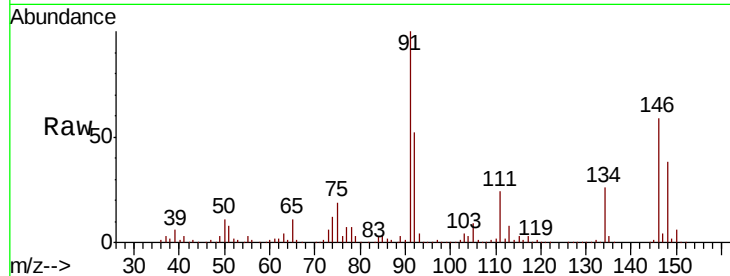
Tot Ion: 91 Resp: 180672

Ion Ratio Lower Upper

91 100

92 51.8 26.0 78.0

134 26.1 13.2 39.6

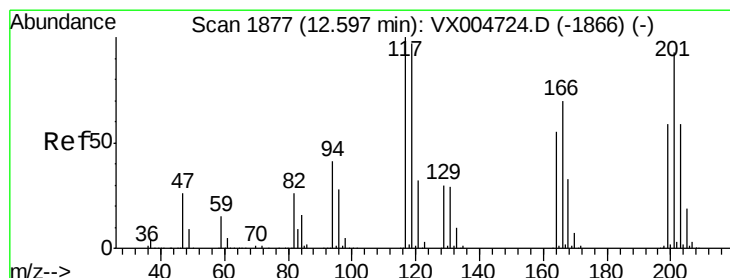
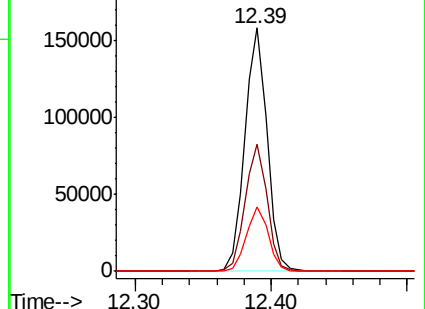
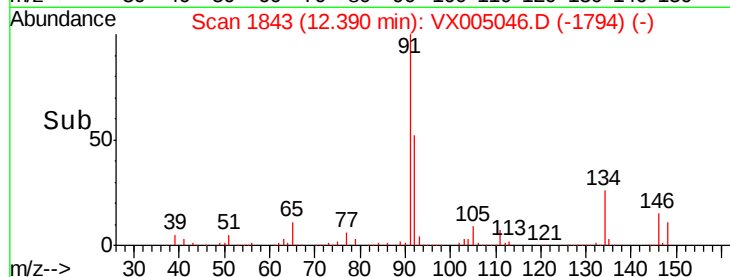


Abundance Ion 91.00 (90.70 to 91.70): VX004724.D (-1836) (-)

Ion 92.00 (91.70 to 92.70): VX004724.D (-1836) (-)

Ion 134.00 (133.70 to 134.70): VX004724.D (-1836) (-)

Time--> 12.30 12.40



#90

Hexachloroethane

Concen: 19.441 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX005046.D

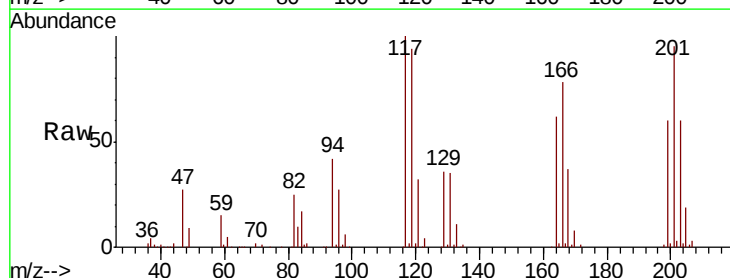
Acq: 05 Oct 2018 04:30

Tgt Ion: 117 Resp: 33581

Ion Ratio Lower Upper

117 100

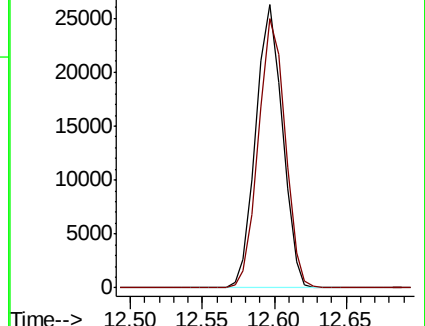
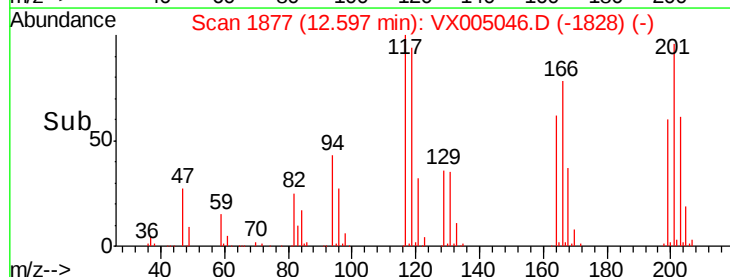
201 95.3 48.4 145.0



Abundance Ion 116.80 (116.50 to 117.50): VX004724.D (-1866) (-)

Ion 200.70 (200.40 to 201.40): VX004724.D (-1866) (-)

Time--> 12.50 12.55 12.60 12.65





#91

1,2-Dichlorobenzene

Concen: 19.191 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.01 min

Lab File: VX005046.D

Acq: 05 Oct 2018 04:30

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBSD04

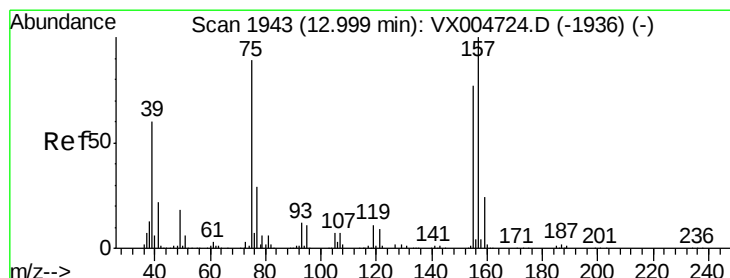
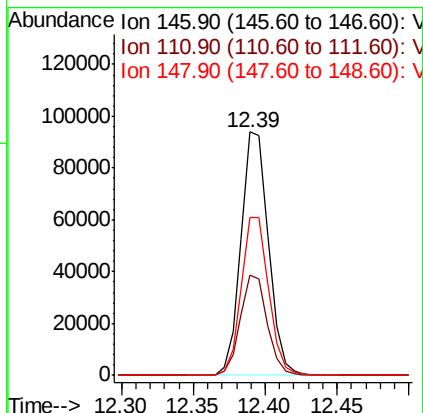
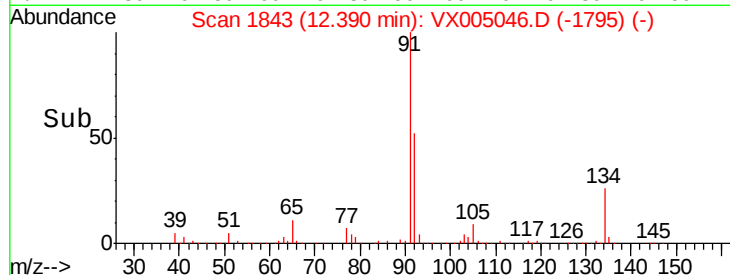
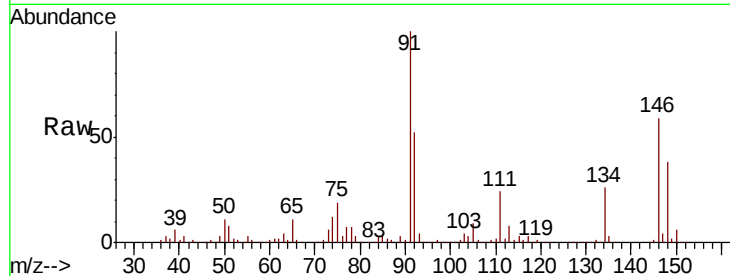
Tot Ion:146 Resp: 124202

Ion Ratio Lower Upper

146 100

111 40.4 19.6 58.7

148 64.8 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.387 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX005046.D

Acq: 05 Oct 2018 04:30

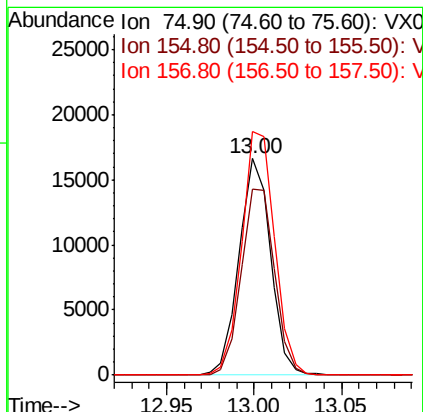
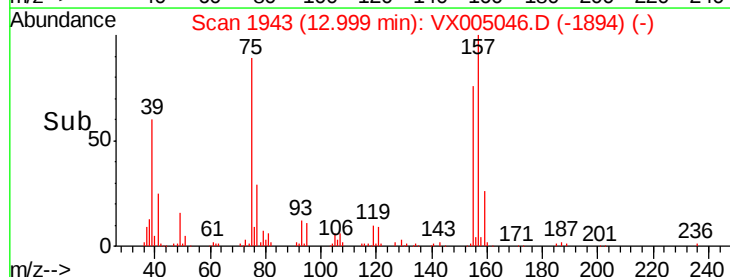
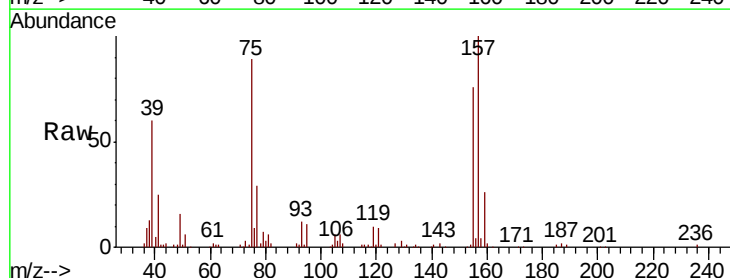
Tgt Ion: 75 Resp: 20806

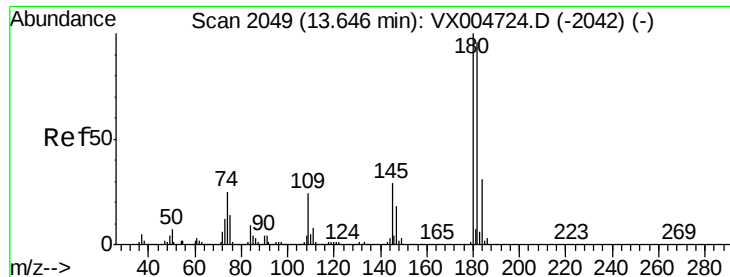
Ion Ratio Lower Upper

75 100

155 90.8 46.1 138.3

157 117.4 60.2 180.6

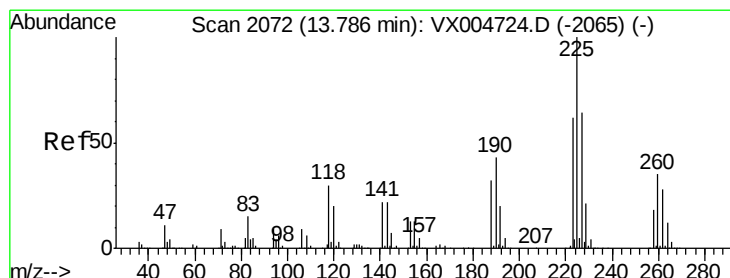
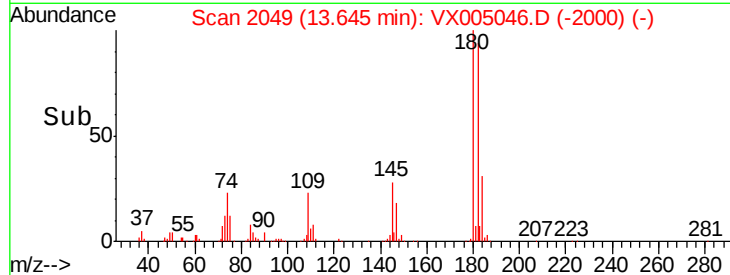
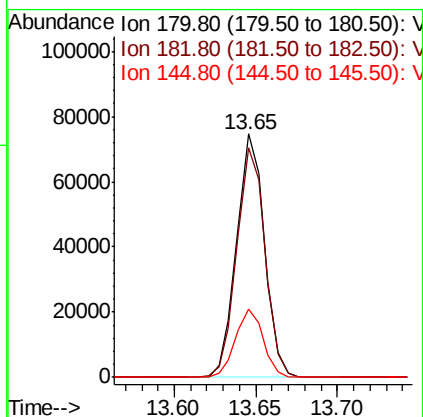
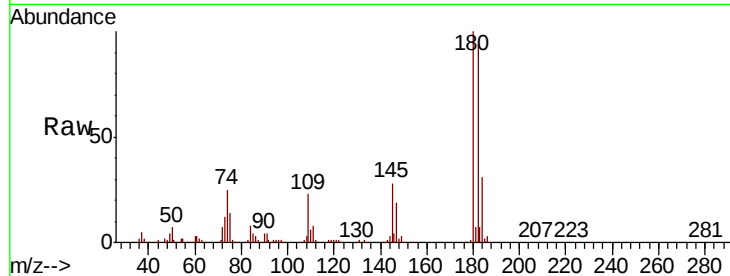




#93
 1,2,4-Trichlorobenzene
 Concen: 19.624 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005046.D
 Acq: 05 Oct 2018 04:30

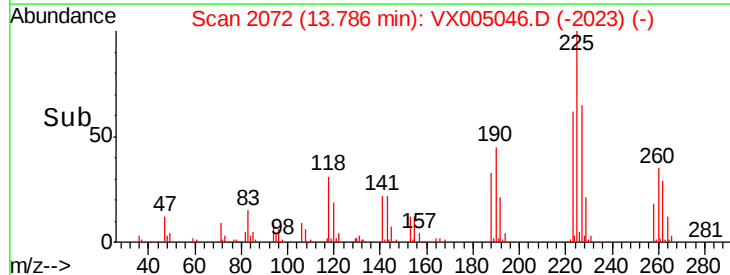
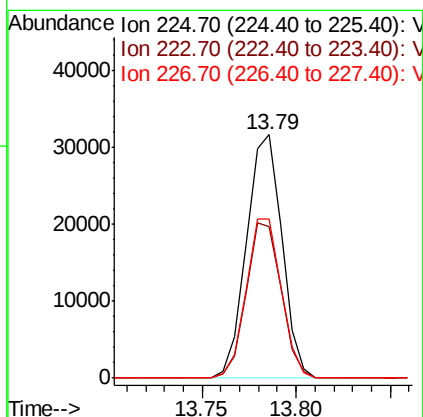
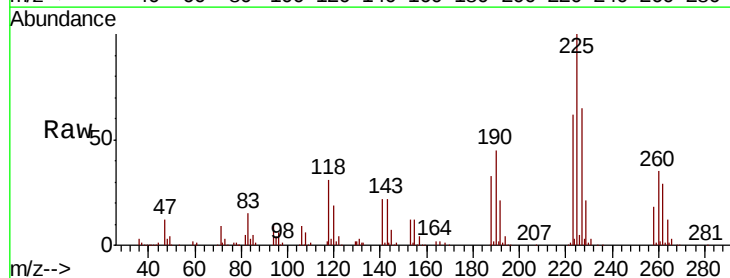
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBSD04

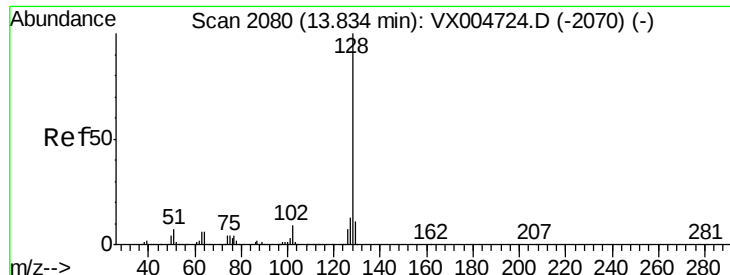
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.8	143.4
145	28.0	14.1	42.4



#94
 Hexachlorobutadiene
 Concen: 17.504 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX005046.D
 Acq: 05 Oct 2018 04:30

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	31.3	93.8
227	64.9	31.9	95.5

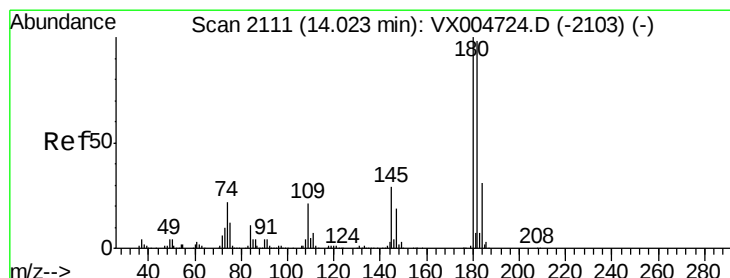
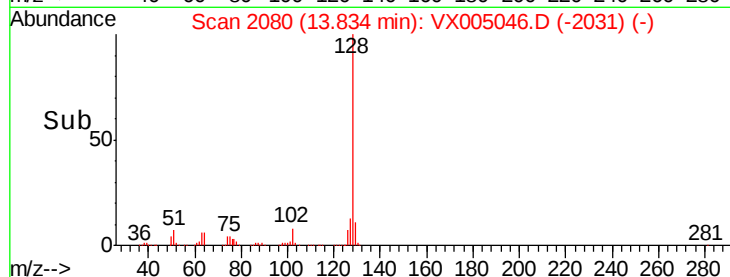
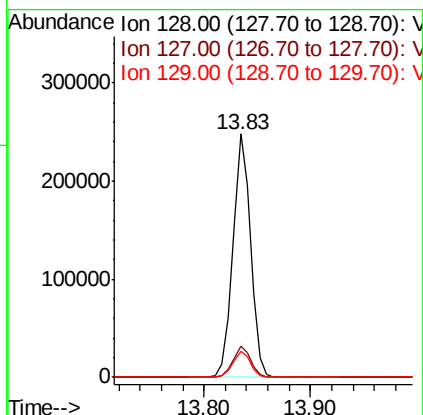
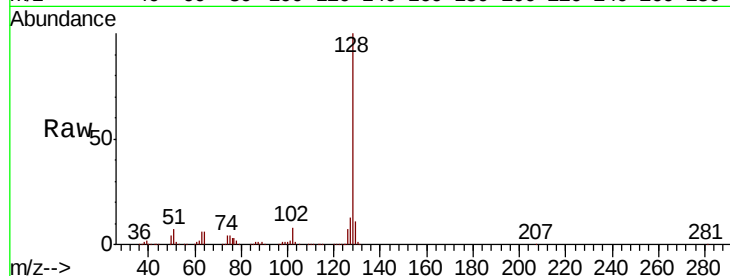




#95
Naphthalene
Concen: 19.706 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX005046.D
Acq: 05 Oct 2018 04:30

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBSD04

Tot Ion:128 Resp: 290273
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.966 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. -0.00 min
Lab File: VX005046.D
Acq: 05 Oct 2018 04:30

Tgt Ion:180 Resp: 93633
Ion Ratio Lower Upper
180 100
182 94.6 47.9 143.8
145 29.6 15.0 45.0

