

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092618\
 Data File : VX004741.D
 Acq On : 26 Sep 2018 23:44
 Operator : JC/MD
 Sample : VX0926WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0926WBS02

Quant Time: Sep 27 05:18:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	255327	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	363232	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	347982	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	206629	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	209291	57.38	ug/l	0.00
Spiked Amount			Recovery	=	114.76%	
35) Dibromofluoromethane	5.50	113	169442	55.04	ug/l	0.00
Spiked Amount			Recovery	=	110.08%	
50) Toluene-d8	8.72	98	563946	55.10	ug/l	0.00
Spiked Amount			Recovery	=	110.20%	
62) 4-Bromofluorobenzene	11.14	95	202939	55.04	ug/l	0.00
Spiked Amount			Recovery	=	110.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	86868	24.953	ug/l	96
3) Chloromethane	1.32	50	94197	22.302	ug/l	93
4) Vinyl Chloride	1.40	62	91008	22.974	ug/l	97
5) Bromomethane	1.64	94	57992	24.687	ug/l	96
6) Chloroethane	1.71	64	54031	23.808	ug/l	97
7) Trichlorofluoromethane	1.93	101	111061	22.646	ug/l	97
8) Diethyl Ether	2.19	74	44822	21.038	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	2.38	101	64205	22.983	ug/l	99
10) Methyl Iodide	2.51	142	82713	22.126	ug/l	100
11) Tert butyl alcohol	3.08	59	122838	120.449	ug/l	98
12) 1,1-Dichloroethene	2.37	96	63069	22.797	ug/l	88
13) Acrolein	2.29	56	17380	23.952	ug/l	97
14) Allyl chloride	2.73	41	132784	21.997	ug/l	94
15) Acrylonitrile	3.15	53	250164	111.430	ug/l	97
16) Acetone	2.45	43	236233	110.939	ug/l	100
17) Carbon Disulfide	2.57	76	174686	21.013	ug/l	99
18) Methyl Acetate	2.78	43	122974	22.794	ug/l	93
19) Methyl tert-butyl Ether	3.20	73	216407	22.678	ug/l	98
20) Methylene Chloride	2.85	84	80229	25.502	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	63168	20.858	ug/l	89
22) Diisopropyl ether	3.87	45	229943	22.622	ug/l	96
23) Vinyl Acetate	3.82	43	1005205	108.036	ug/l	96
24) 1,1-Dichloroethane	3.70	63	134277	22.146	ug/l	98
25) 2-Butanone	4.71	43	365614	116.482	ug/l	96
26) 2,2-Dichloropropane	4.59	77	73443	17.394	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	72495	21.428	ug/l	96
28) Bromochloromethane	5.02	49	67272	23.560	ug/l	89
29) Tetrahydrofuran	5.16	42	227744	116.740	ug/l	93
30) Chloroform	5.21	83	128926	22.498	ug/l	89
31) Cyclohexane	5.58	56	114120	24.591	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	104102	22.244	ug/l	98
36) 1,1-Dichloropropene	5.80	75	90476	21.541	ug/l	98
37) Ethyl Acetate	4.86	43	126849	22.752	ug/l	97
38) Carbon Tetrachloride	5.78	117	89919	20.366	ug/l	90

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092618\
 Data File : VX004741.D
 Acq On : 26 Sep 2018 23:44
 Operator : JC/MD
 Sample : VX0926WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0926WBS02

Quant Time: Sep 27 05:18:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	90940	21.204	ug/l	95
40) Benzene	6.15	78	274309	20.861	ug/l	95
41) Methacrylonitrile	5.07	41	69038	22.329	ug/l	97
42) 1,2-Dichloroethane	6.20	62	98735	21.241	ug/l	98
43) Isopropyl Acetate	6.46	43	172468	21.432	ug/l	96
44) Trichloroethene	7.21	130	67043	20.740	ug/l	91
45) 1,2-Dichloropropane	7.52	63	66780	20.709	ug/l	96
46) Dibromomethane	7.66	93	43795	21.611	ug/l	96
47) Bromodichloromethane	7.90	83	81187	21.397	ug/l	97
48) Methyl methacrylate	7.78	41	82938	22.708	ug/l	94
49) 1,4-Dioxane	7.76	88	40396	445.180	ug/l	93
51) 4-Methyl-2-Pentanone	8.65	43	584020	115.264	ug/l	93
52) Toluene	8.79	92	157312	21.772	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	86494	20.173	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	96206	21.422	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	65550	20.711	ug/l	98
56) Ethyl methacrylate	9.18	69	95336	20.362	ug/l	93
57) 1,3-Dichloropropane	9.37	76	109219	20.735	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	284355	112.574	ug/l	94
59) 2-Hexanone	9.50	43	460109	108.972	ug/l	93
60) Dibromochloromethane	9.59	129	63993	20.218	ug/l	100
61) 1,2-Dibromoethane	9.68	107	68037	20.073	ug/l	99
64) Tetrachloroethene	9.34	164	70246	20.510	ug/l	98
65) Chlorobenzene	10.14	112	174955	19.607	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.23	131	60064	19.147	ug/l	99
67) Ethyl Benzene	10.26	91	284794	20.103	ug/l	98
68) m/p-Xylenes	10.36	106	224001	40.463	ug/l	93
69) o-Xylene	10.70	106	107920	21.224	ug/l	97
70) Styrene	10.71	104	180733	20.331	ug/l	97
71) Bromoform	10.86	173	50106	18.657	ug/l #	99
73) Isopropylbenzene	11.02	105	289823	22.253	ug/l	99
74) N-amyl acetate	10.90	43	137658	20.305	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	106044	20.002	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	119218	25.742	ug/l	88
77) Bromobenzene	11.26	156	78726	20.811	ug/l	97
78) n-propylbenzene	11.36	91	333403	22.311	ug/l	98
79) 2-Chlorotoluene	11.42	91	202988	21.792	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	245030	20.410	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.08	75	26124	16.761	ug/l	95
82) 4-Chlorotoluene	11.51	91	236299	21.553	ug/l	99
83) tert-Butylbenzene	11.77	119	232376	21.670	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	253751	20.496	ug/l	98
85) sec-Butylbenzene	11.94	105	287709	22.028	ug/l	98
86) p-Isopropyltoluene	12.07	119	254879	21.539	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	143818	20.360	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	145045	19.891	ug/l	98
89) n-Butylbenzene	12.39	91	218511	20.332	ug/l	98
90) Hexachloroethane	12.60	117	38692	19.638	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	145704	19.738	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	23872	20.507	ug/l	93

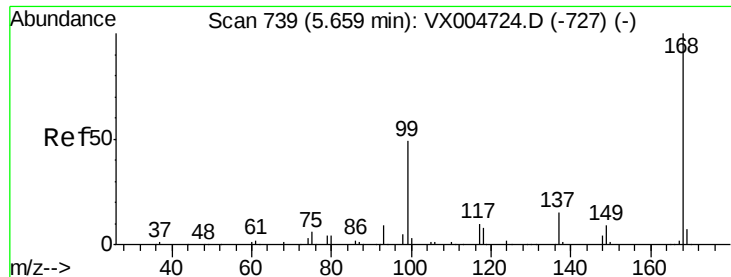
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092618\
Data File : VX004741.D
Acq On : 26 Sep 2018 23:44
Operator : JC/MD
Sample : VX0926WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0926WBS02

Quant Time: Sep 27 05:18:43 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 26 14:17:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	102150	19.726	ug/l	98
94) Hexachlorobutadiene	13.79	225	51917	19.334	ug/l	98
95) Naphthalene	13.83	128	332261	19.773	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	107567	20.108	ug/l	98

(#) = 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: VX004741.D

Acq: 26 Sep 2018 23:44

Instrument :

MSVOA_X

ClientSampleId :

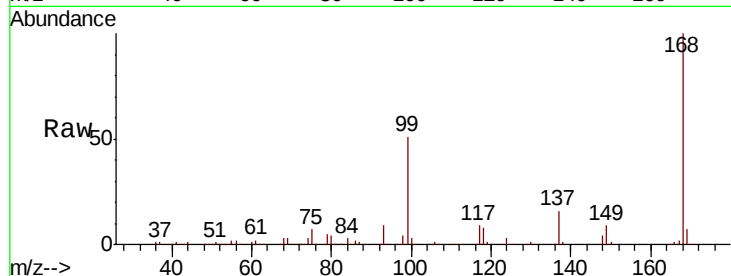
VX0926WBS02

Tot Ion:168 Resp: 255327

Ion Ratio Lower Upper

168 100

99 50.8 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

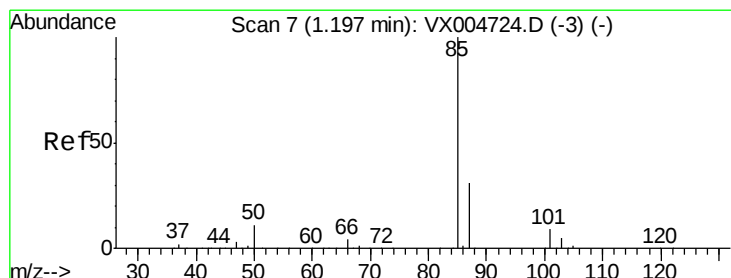
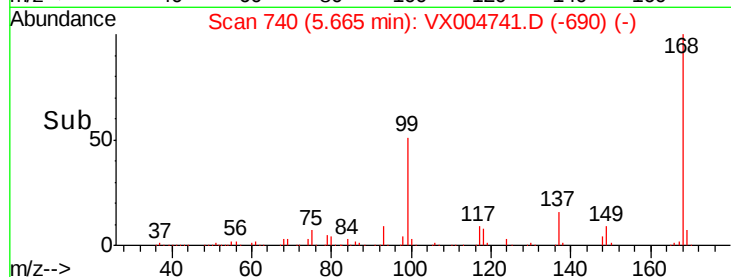
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 24.953 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX004741.D

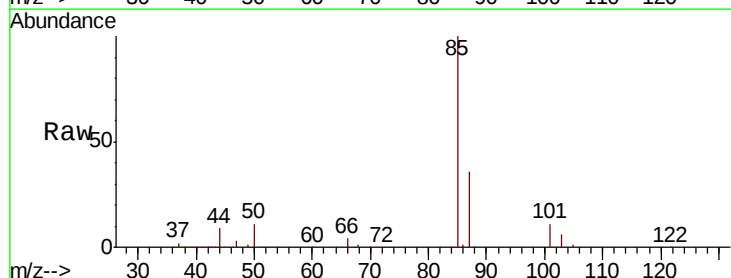
Acq: 26 Sep 2018 23:44

Tgt Ion: 85 Resp: 86868

Ion Ratio Lower Upper

85 100

87 36.1 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

80000

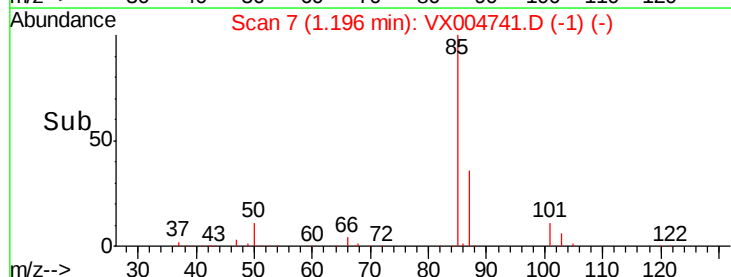
60000

40000

20000

0

Time-->





#3

Chloromethane

Concen: 22.302 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX004741.D

Acq: 26 Sep 2018 23:44

Instrument :

MSVOA_X

ClientSampleId :

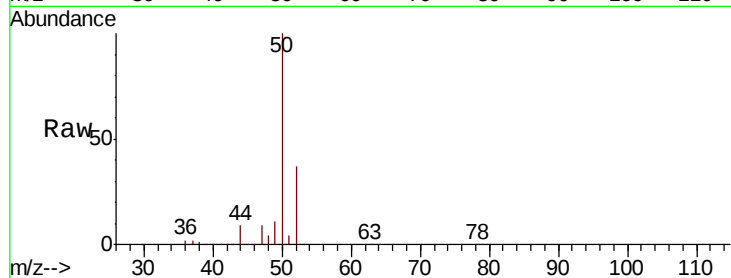
VX0926WBS02

Tot Ion: 50 Resp: 94197

Ion Ratio Lower Upper

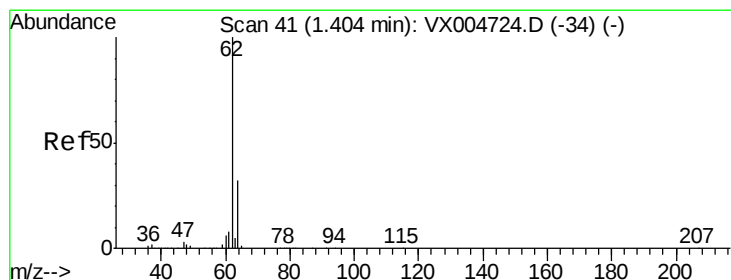
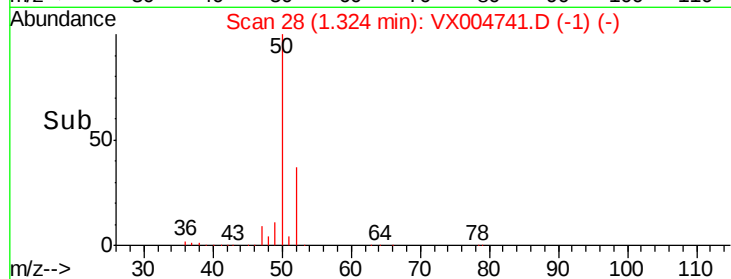
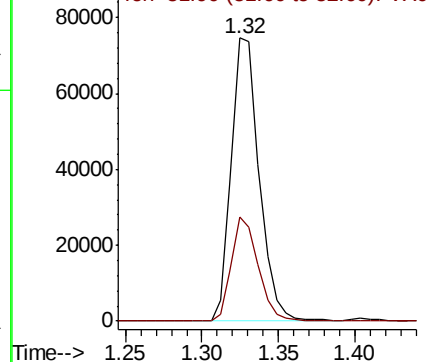
50 100

52 36.8 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 22.974 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX004741.D

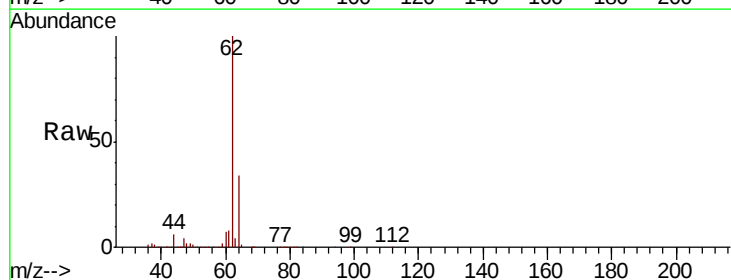
Acq: 26 Sep 2018 23:44

Tgt Ion: 62 Resp: 91008

Ion Ratio Lower Upper

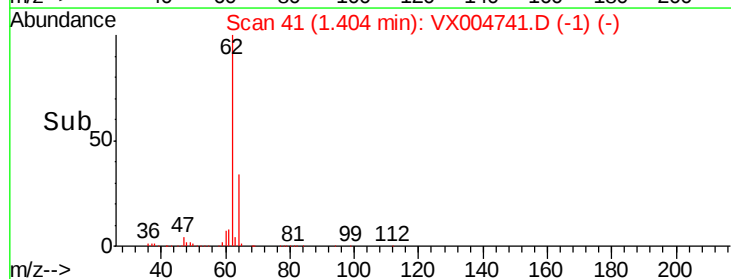
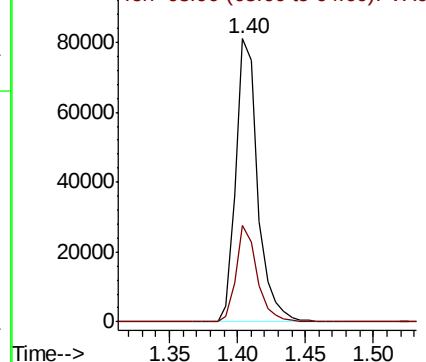
62 100

64 34.1 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 24.687 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX004741.D

Acq: 26 Sep 2018 23:44

Instrument :

MSVOA_X

ClientSampleId :

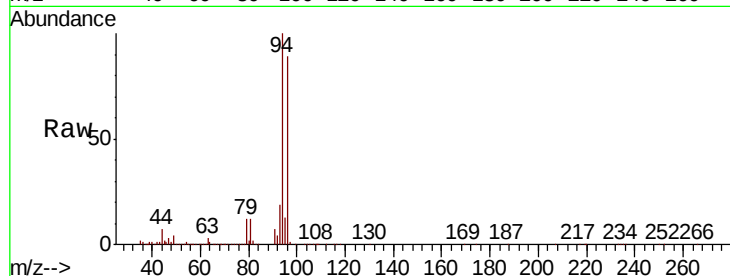
VX0926WBS02

Tot Ion: 94 Resp: 57992

Ion Ratio Lower Upper

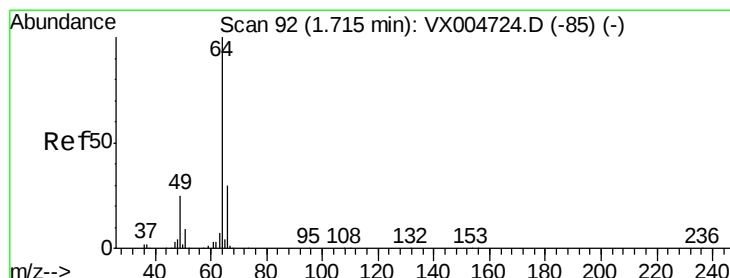
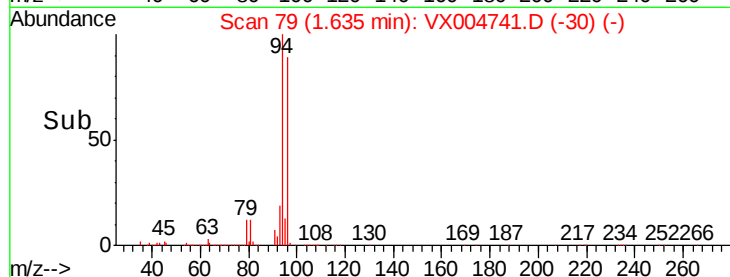
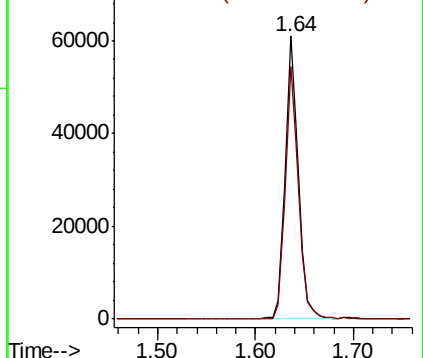
94 100

96 89.5 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 23.808 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX004741.D

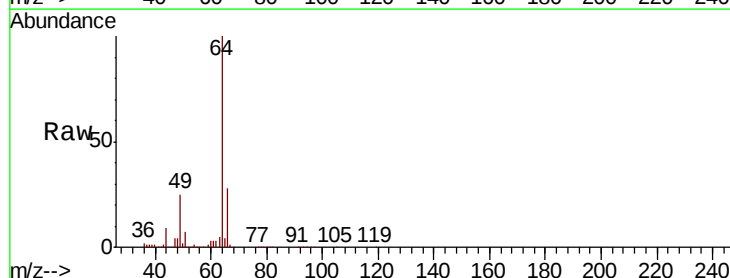
Acq: 26 Sep 2018 23:44

Tgt Ion: 64 Resp: 54031

Ion Ratio Lower Upper

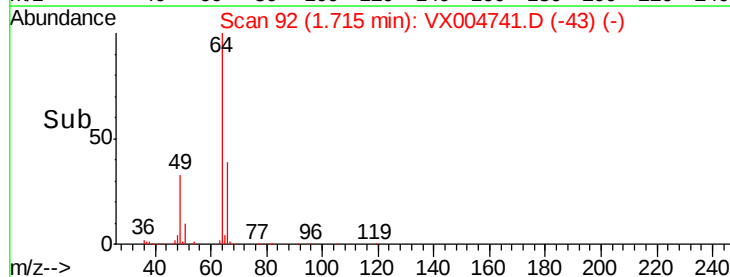
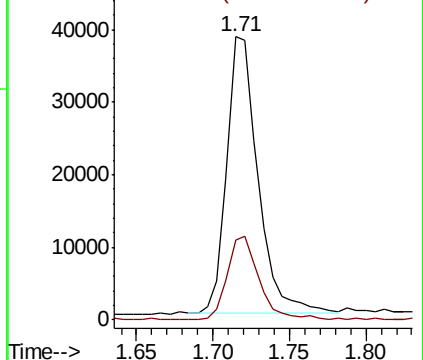
64 100

66 28.8 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



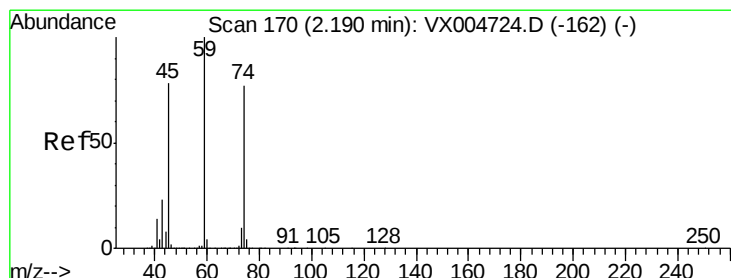
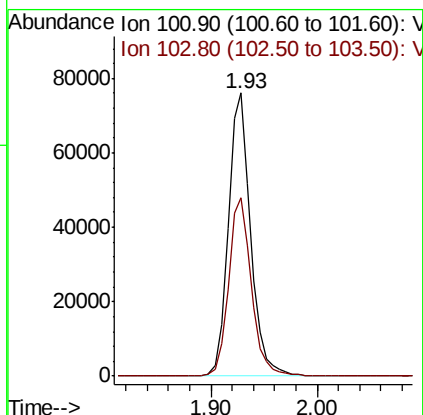
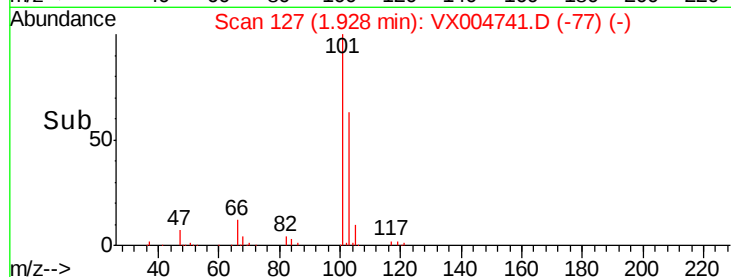
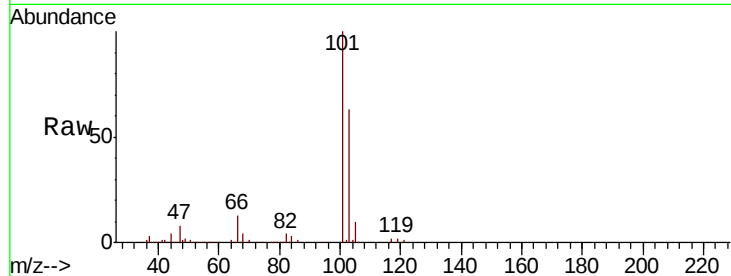


#7

Trichlorofluoromethane
 Concen: 22.646 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX004741.D
 Acq: 26 Sep 2018 23:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0926WBS02

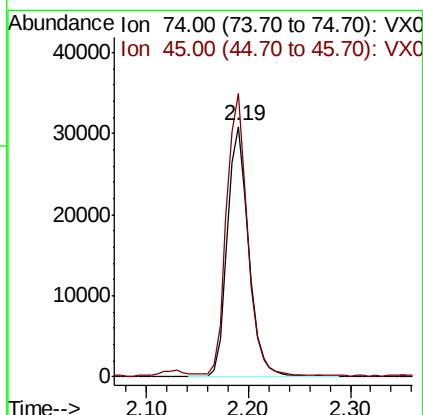
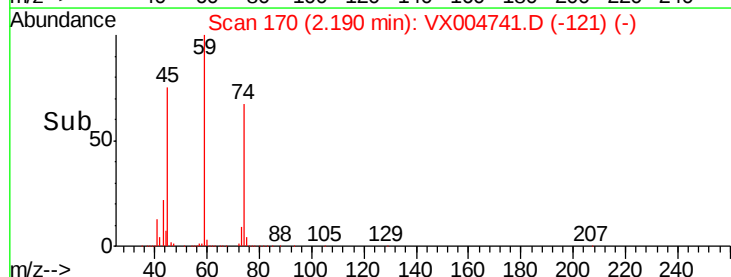
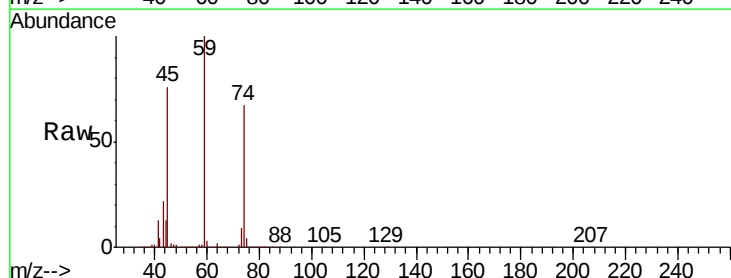
Tot Ion:101 Resp: 111061
 Ion Ratio Lower Upper
 101 100
 103 63.1 48.9 73.3

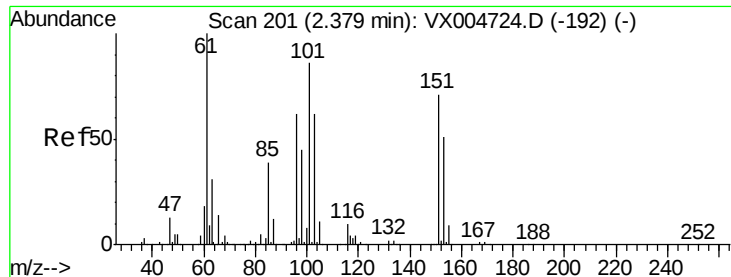


#8

Diethyl Ether
 Concen: 21.038 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX004741.D
 Acq: 26 Sep 2018 23:44

Tgt Ion: 74 Resp: 44822
 Ion Ratio Lower Upper
 74 100
 45 110.5 48.3 144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.983 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX004741.D

Acq: 26 Sep 2018 23:44

Instrument :

MSVOA_X

ClientSampleId :

VX0926WBS02

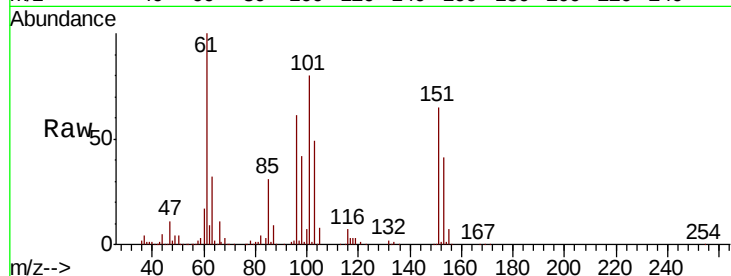
Tot Ion:101 Resp: 64205

Ion Ratio Lower Upper

101 100

85 43.0 34.2 51.4

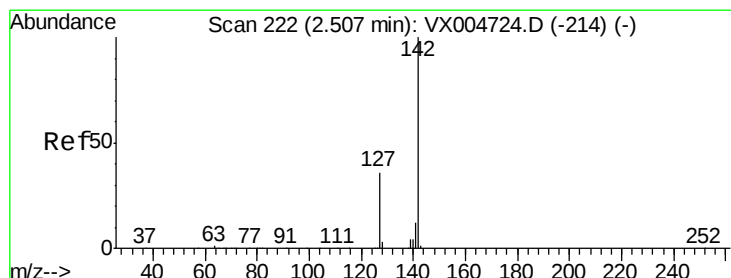
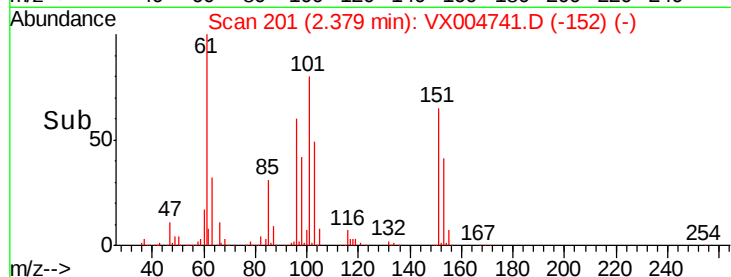
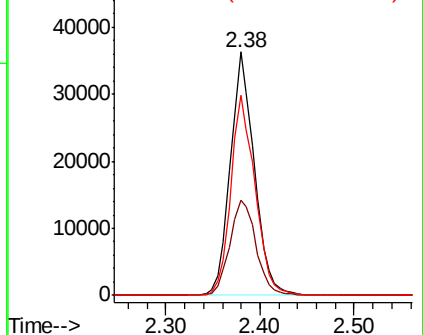
151 83.0 65.0 97.6



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: 22.126 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX004741.D

Acq: 26 Sep 2018 23:44

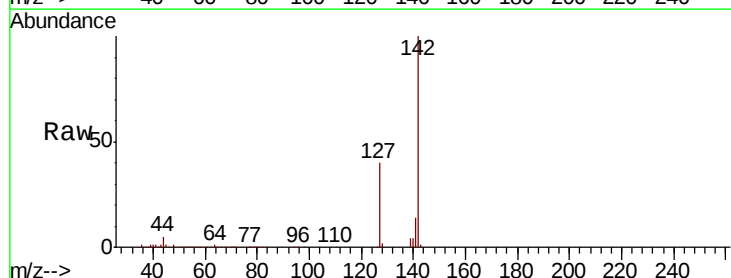
Tgt Ion:142 Resp: 82713

Ion Ratio Lower Upper

142 100

127 42.0 33.8 50.6

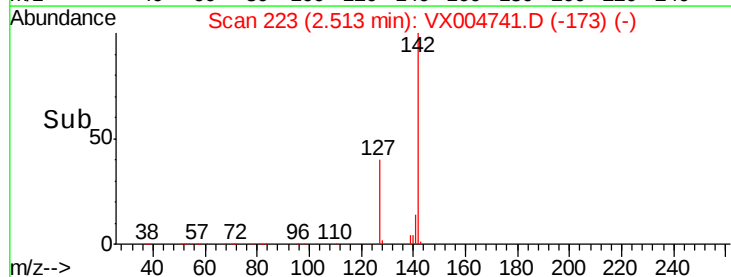
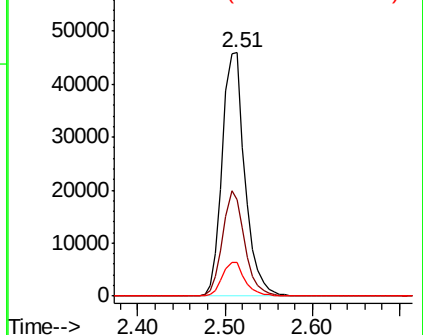
141 13.9 11.4 17.0

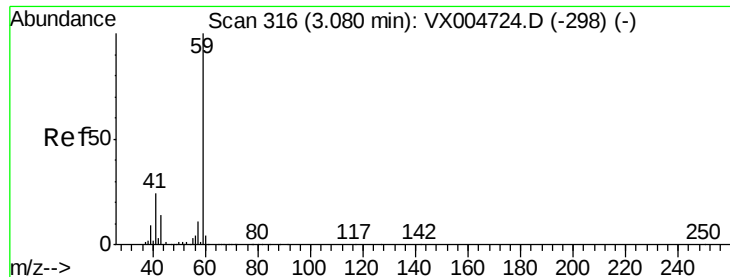


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

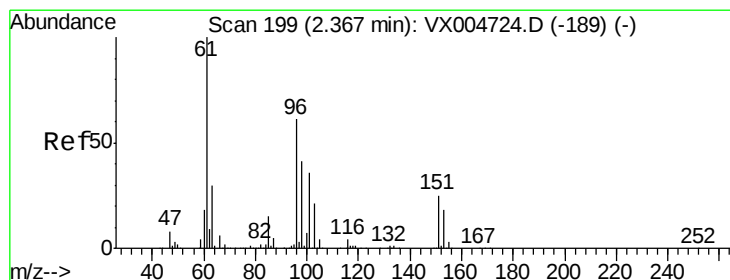
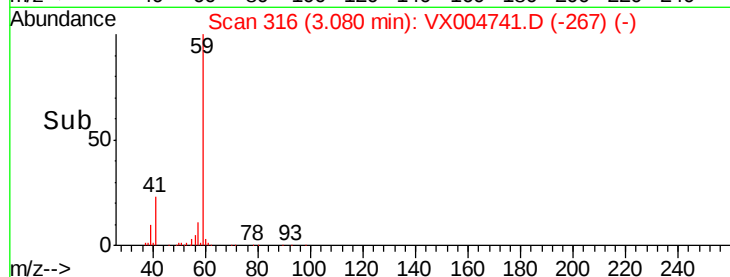
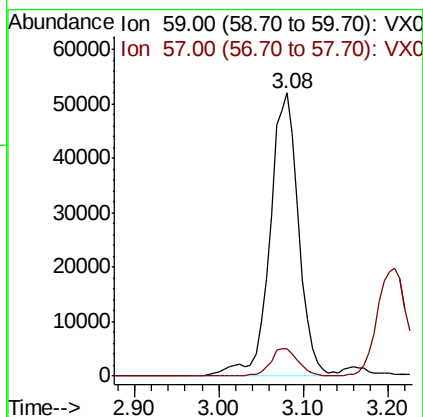
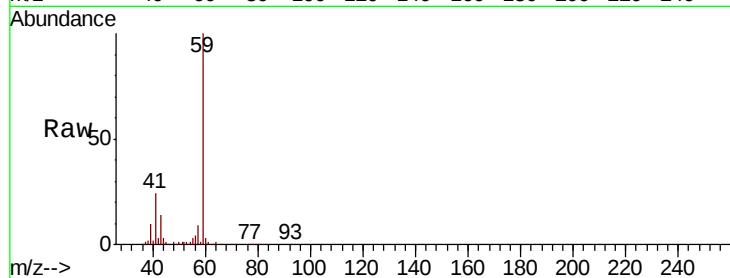




#11
Tert butyl alcohol
Concen: 120.449 ug/l
RT: 3.08 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX004741.D
Acq: 26 Sep 2018 23:44

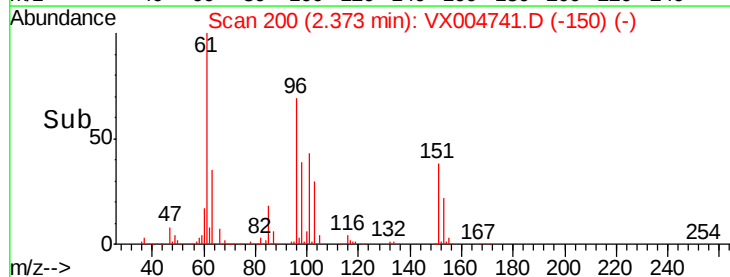
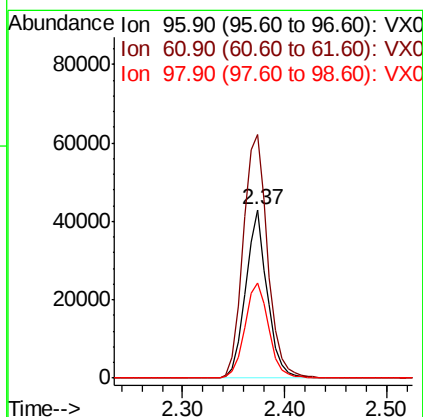
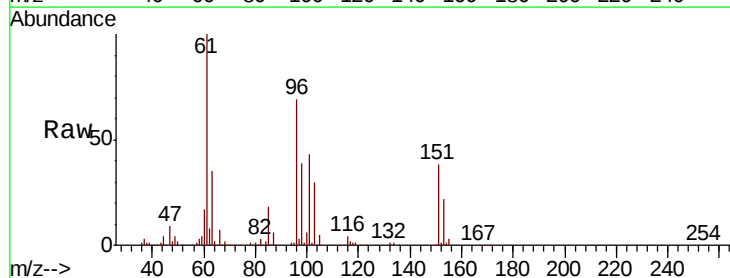
Instrument :
MSVOA_X
ClientSampleId :
VX0926WBS02

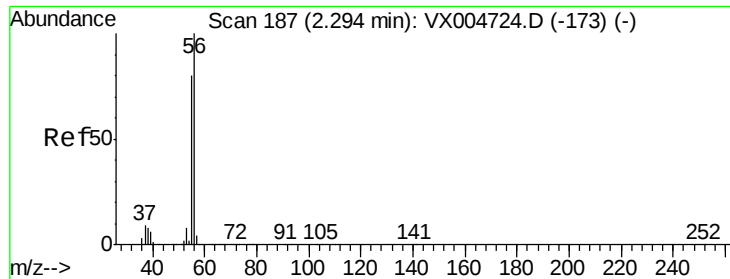
Tot Ion: 59 Resp: 122838
Ion Ratio Lower Upper
59 100
57 9.6 8.2 12.4



#12
1,1-Dichloroethene
Concen: 22.797 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX004741.D
Acq: 26 Sep 2018 23:44

Tgt Ion: 96 Resp: 63069
Ion Ratio Lower Upper
96 100
61 144.6 128.8 193.2
98 56.5 52.2 78.2





#13

Acrolein

Concen: 23.952 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX004741.D

Acq: 26 Sep 2018 23:44

Instrument :

MSVOA_X

ClientSampleId :

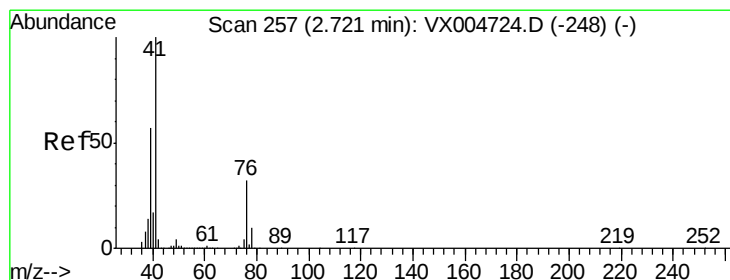
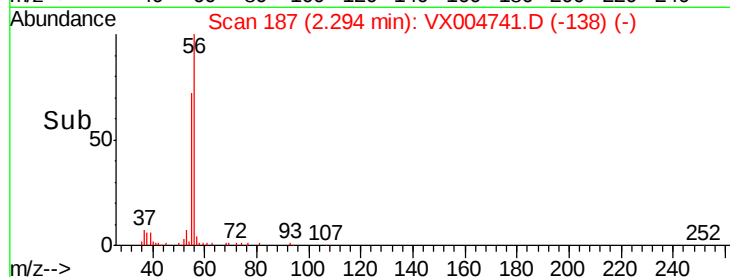
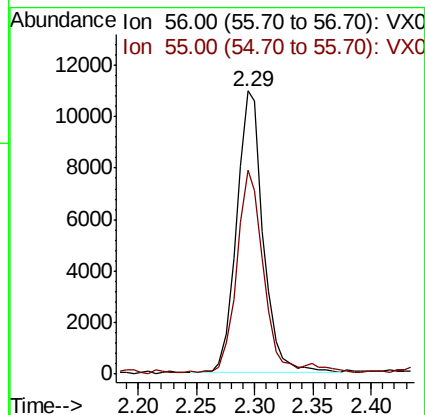
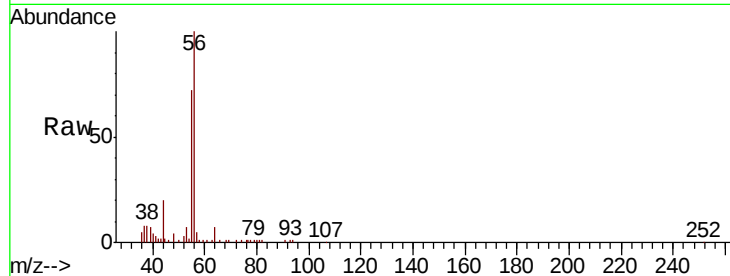
VX0926WBS02

Tot Ion: 56 Resp: 17380

Ion Ratio Lower Upper

56 100

55 70.9 54.7 82.1



#14

Allyl chloride

Concen: 21.997 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX004741.D

Acq: 26 Sep 2018 23:44

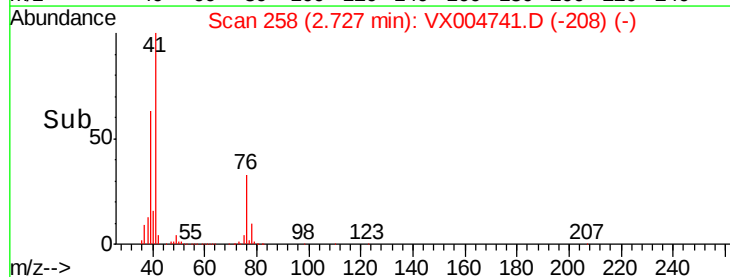
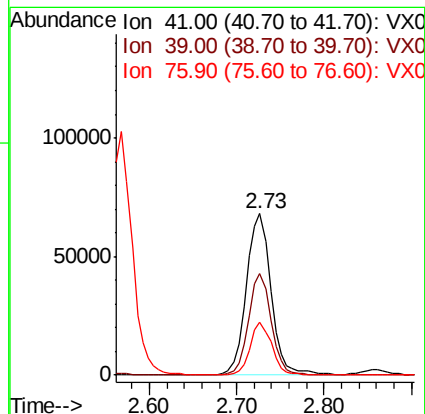
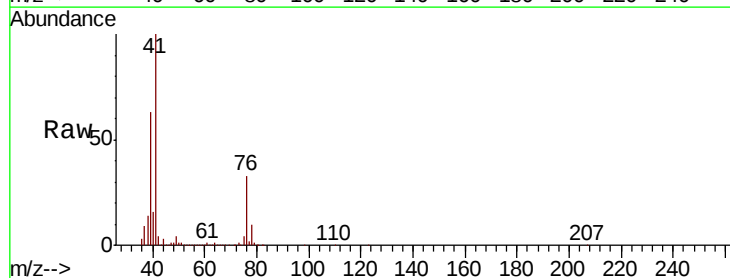
Tgt Ion: 41 Resp: 132784

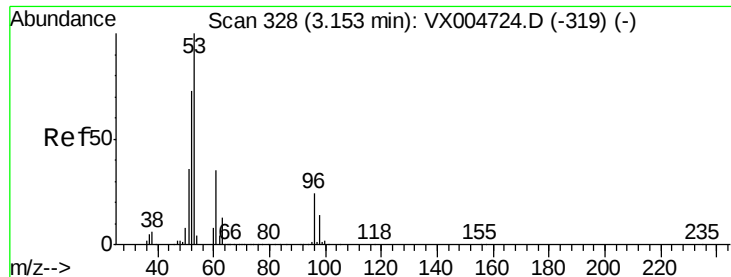
Ion Ratio Lower Upper

41 100

39 57.4 48.9 73.3

76 28.5 26.7 40.1





#15

Acrylonitrile

Concen: 111.430 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX004741.D

Acq: 26 Sep 2018 23:44

Instrument :

MSVOA_X

ClientSampleId :

VX0926WBS02

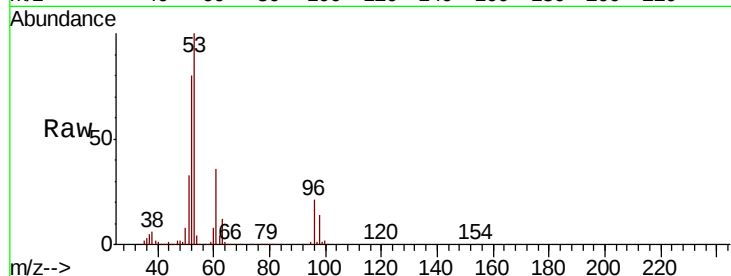
Tot Ion: 53 Resp: 250164

Ion Ratio Lower Upper

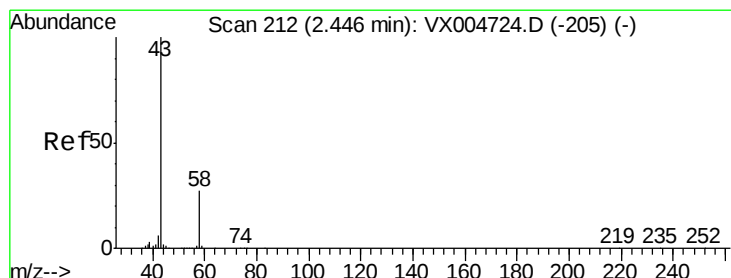
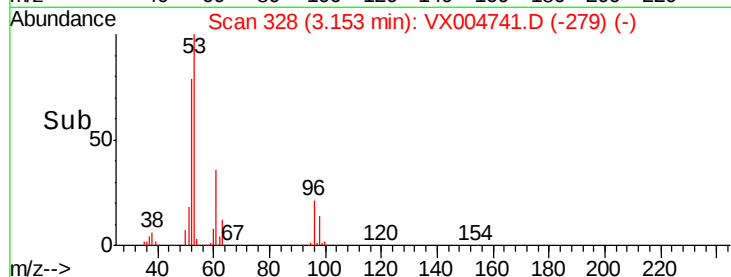
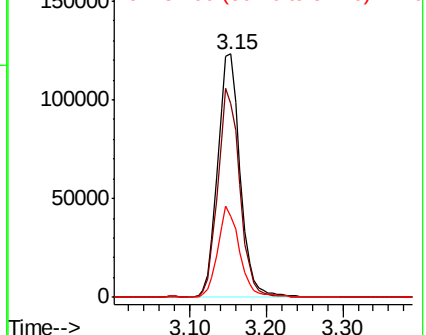
53 100

52 84.1 65.2 97.8

51 36.3 28.2 42.2



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: 110.939 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX004741.D

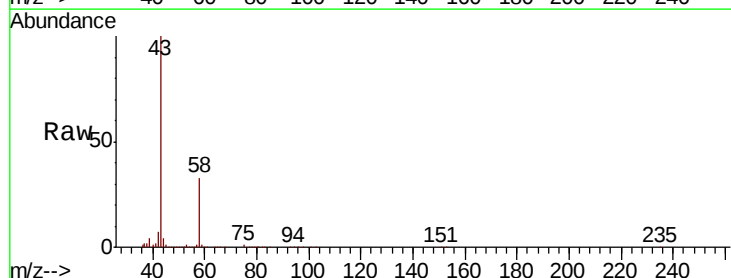
Acq: 26 Sep 2018 23:44

Tgt Ion: 43 Resp: 236233

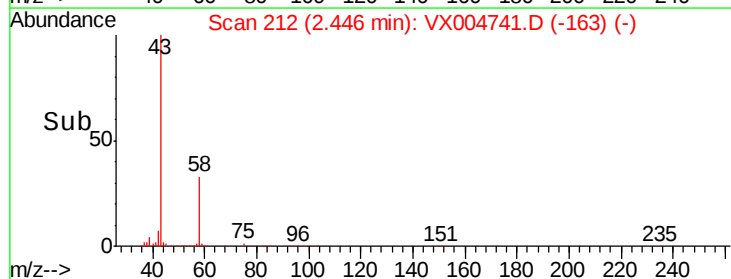
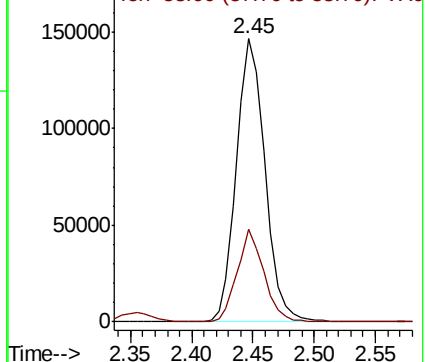
Ion Ratio Lower Upper

43 100

58 32.7 26.2 39.4



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

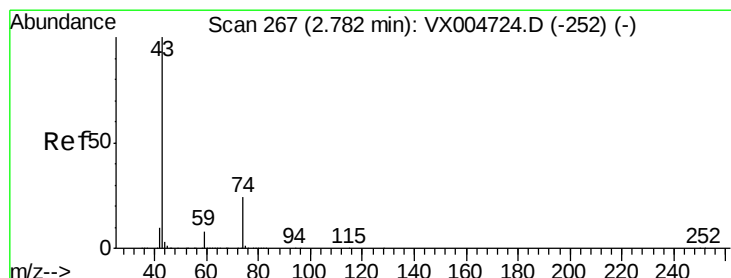
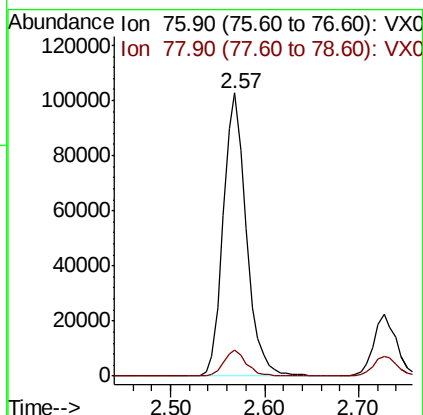
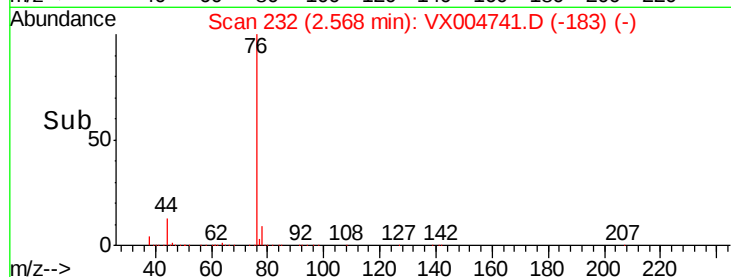
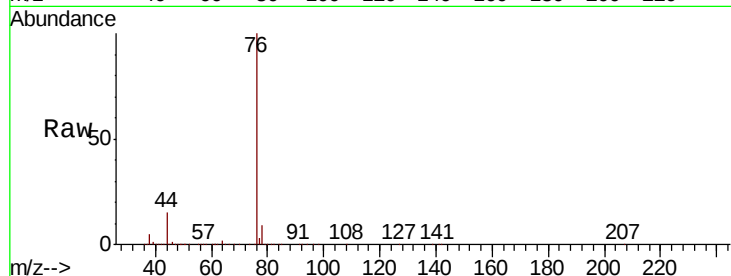




#17
Carbon Disulfide
Concen: 21.013 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX004741.D
Acq: 26 Sep 2018 23:44

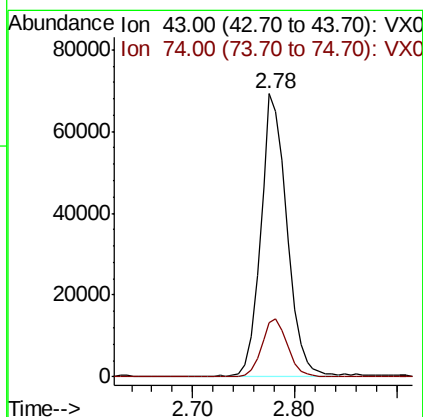
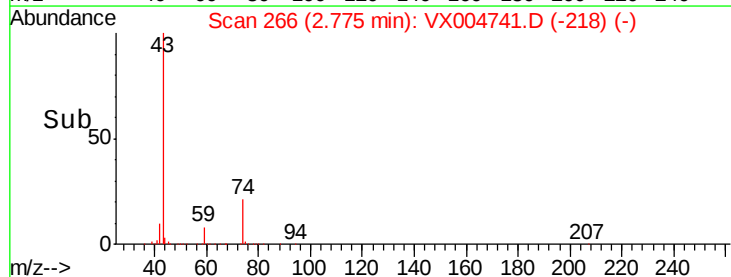
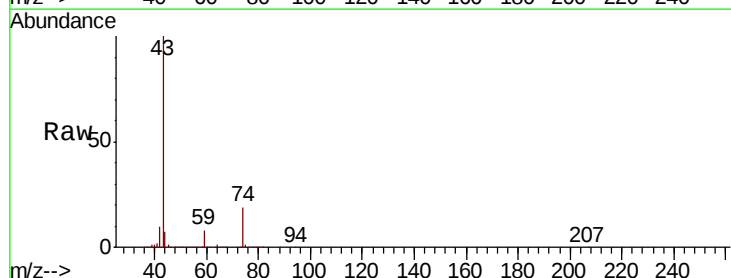
Instrument :
MSVOA_X
ClientSampleId :
VX0926WBS02

Tot Ion: 76 Resp: 174686
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.6



#18
Methyl Acetate
Concen: 22.794 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX004741.D
Acq: 26 Sep 2018 23:44

Tgt Ion: 43 Resp: 122974
Ion Ratio Lower Upper
43 100
74 20.8 19.4 29.2

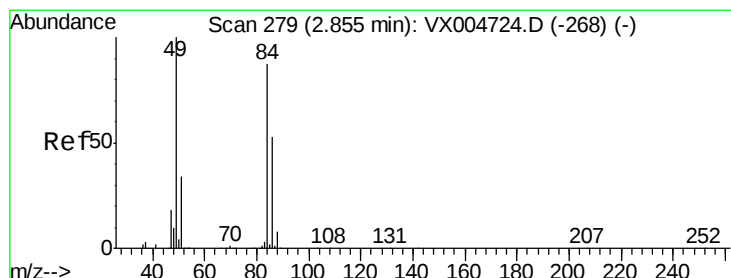
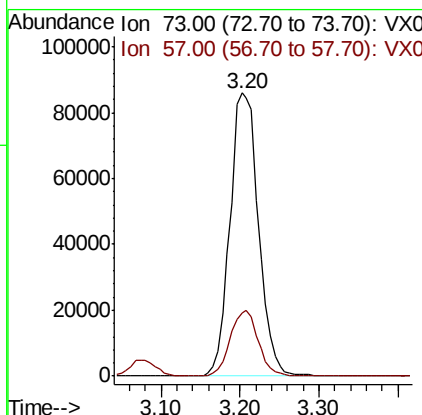
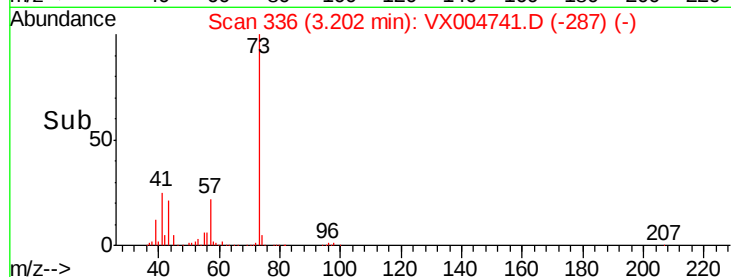
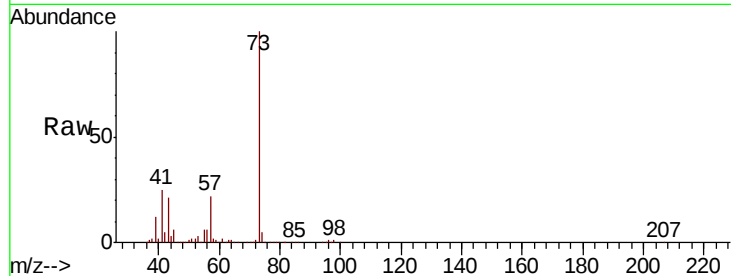




#19
Methyl tert-butyl Ether
Concen: 22.678 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX004741.D
Acq: 26 Sep 2018 23:44

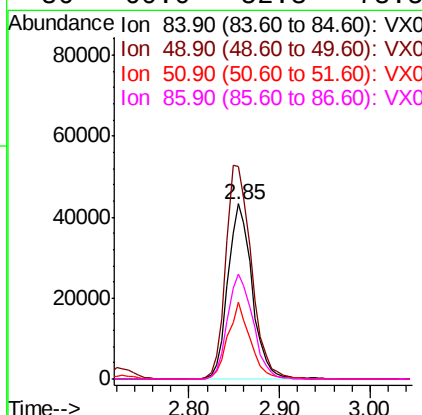
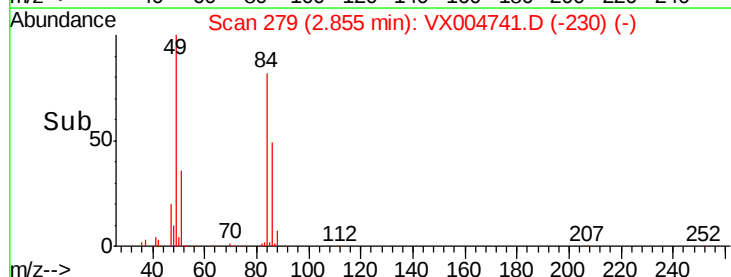
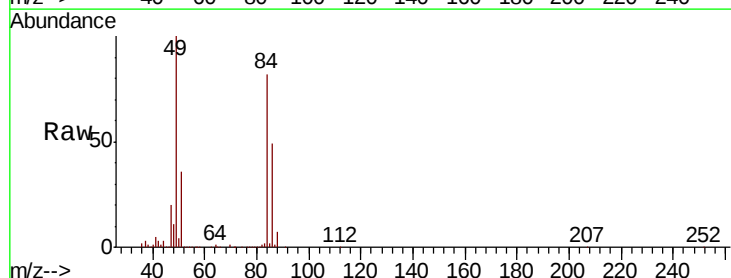
Instrument :
MSVOA_X
ClientSampleId :
VX0926WBS02

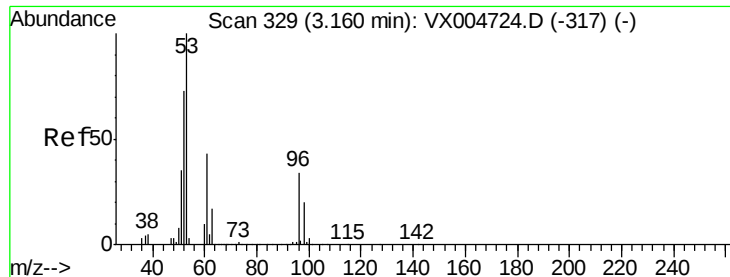
Tot Ion: 73 Resp: 216407
Ion Ratio Lower Upper
73 100
57 22.2 17.1 25.7



#20
Methylene Chloride
Concen: 25.502 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX004741.D
Acq: 26 Sep 2018 23:44

Tgt Ion: 84 Resp: 80229
Ion Ratio Lower Upper
84 100
49 121.3 101.2 151.8
51 43.8 29.5 44.3
86 60.0 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 20.858 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX004741.D

Acq: 26 Sep 2018 23:44

Instrument :

MSVOA_X

ClientSampleId :

VX0926WBS02

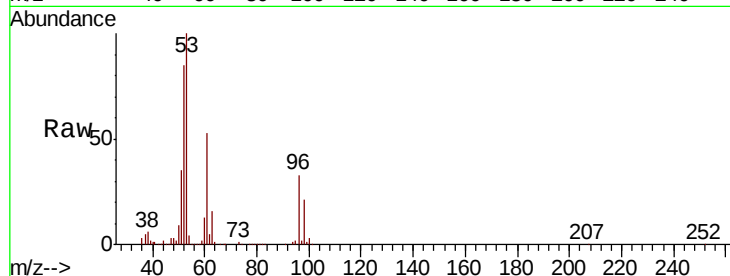
Tot Ion: 96 Resp: 63168

Ion Ratio Lower Upper

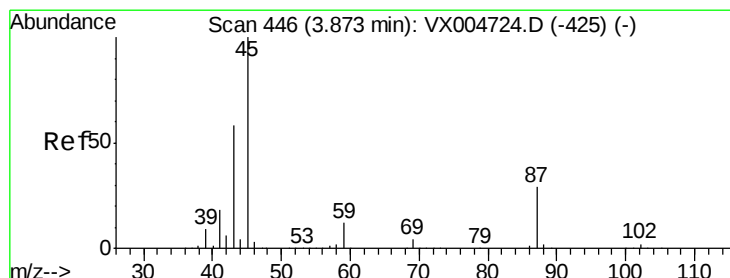
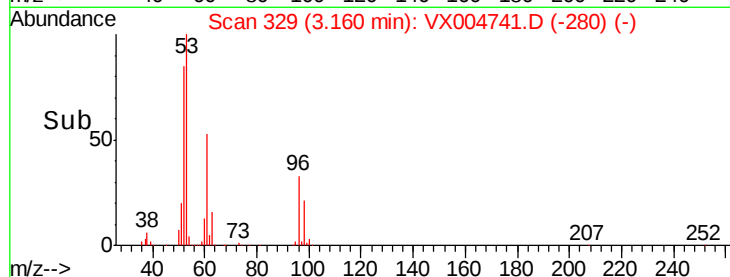
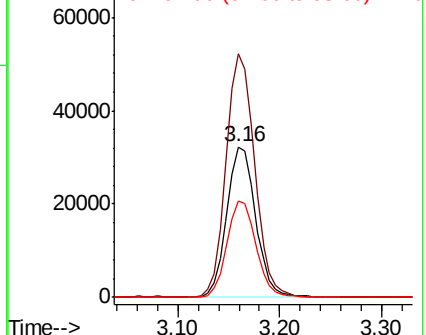
96 100

61 161.8 113.8 170.6

98 64.4 51.8 77.8



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 22.622 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX004741.D

Acq: 26 Sep 2018 23:44

Tgt Ion: 45 Resp: 229943

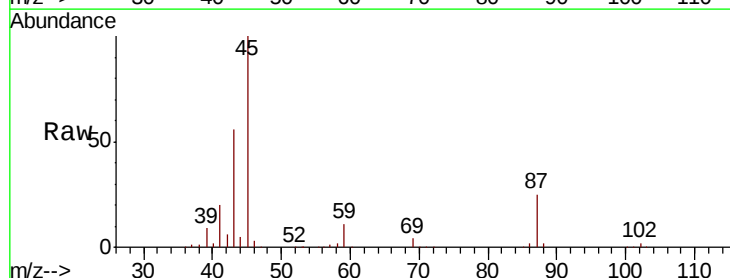
Ion Ratio Lower Upper

45 100

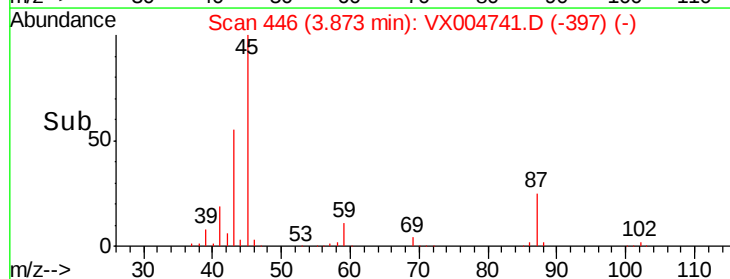
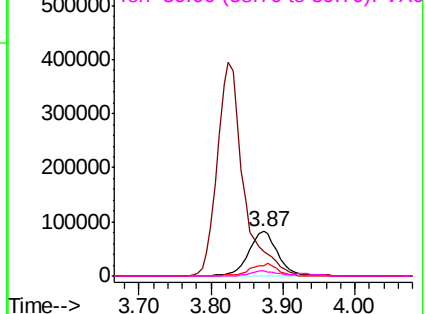
43 55.2 42.8 64.2

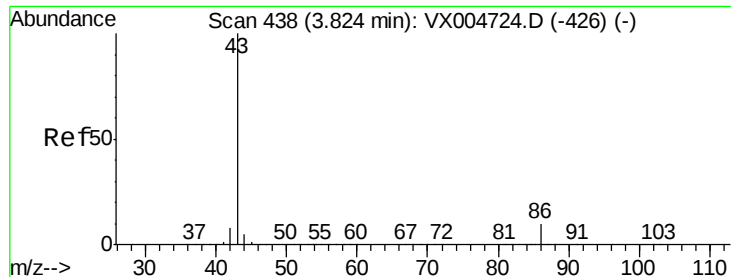
87 24.5 22.6 34.0

59 11.3 9.6 14.4



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 108.036 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX004741.D

Acq: 26 Sep 2018 23:44

Instrument :

MSVOA_X

ClientSampleId :

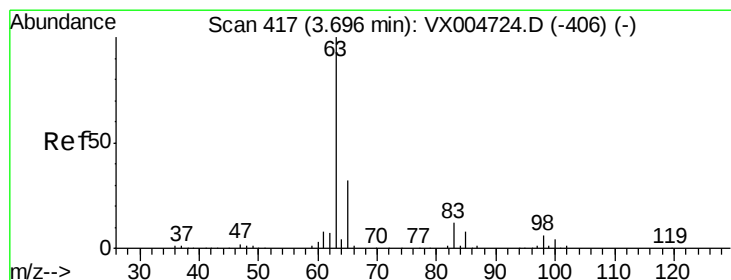
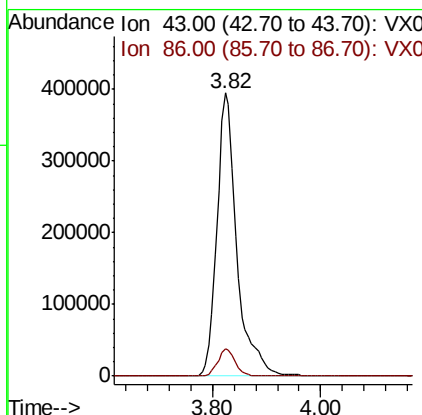
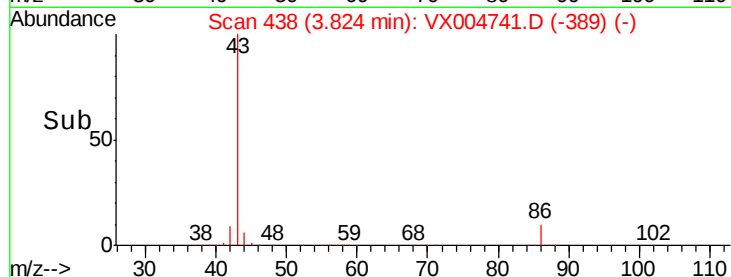
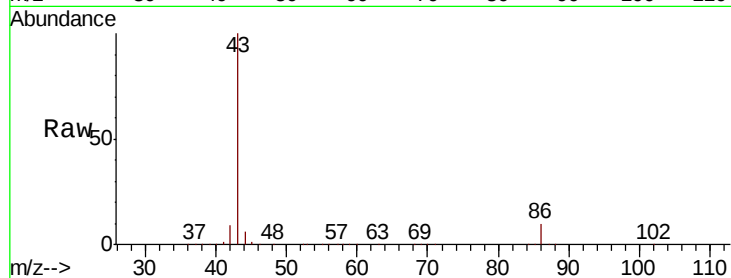
VX0926WBS02

Tot Ion: 43 Resp: 1005205

Ion Ratio Lower Upper

43 100

86 9.7 8.9 13.3



#24

1,1-Dichloroethane

Concen: 22.146 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX004741.D

Acq: 26 Sep 2018 23:44

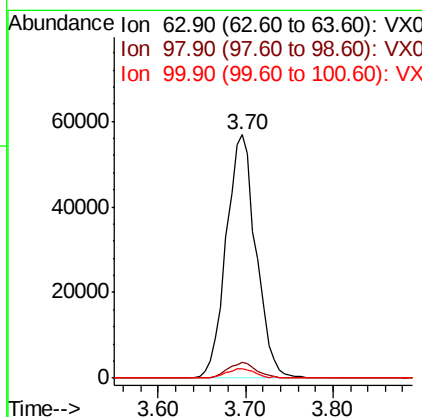
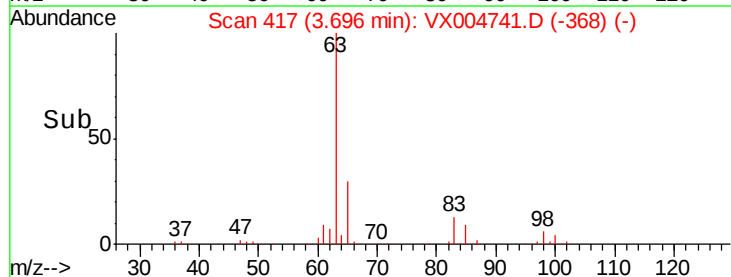
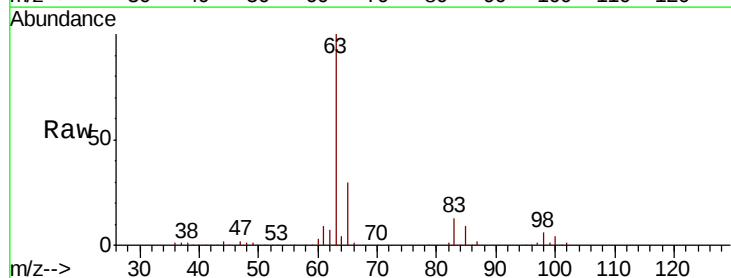
Tgt Ion: 63 Resp: 134277

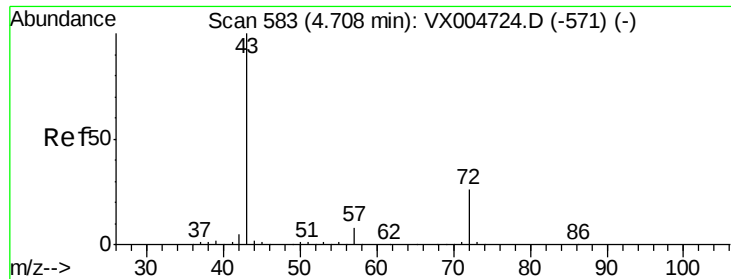
Ion Ratio Lower Upper

63 100

98 6.4 3.5 10.4

100 3.8 2.4 7.1





#25

2-Butanone

Concen: 116.482 ug/l

RT: 4.71 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX004741.D

Acq: 26 Sep 2018 23:44

Instrument :

MSVOA_X

ClientSampleId :

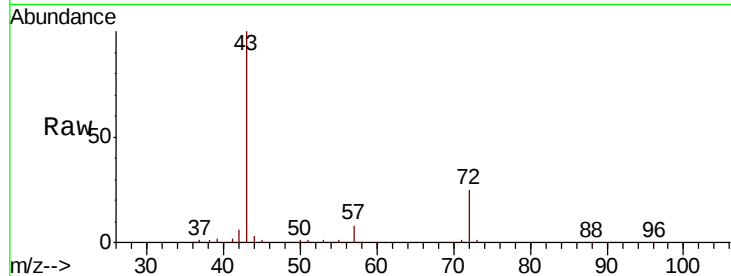
VX0926WBS02

Tot Ion: 43 Resp: 365614

Ion Ratio Lower Upper

43 100

72 25.2 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

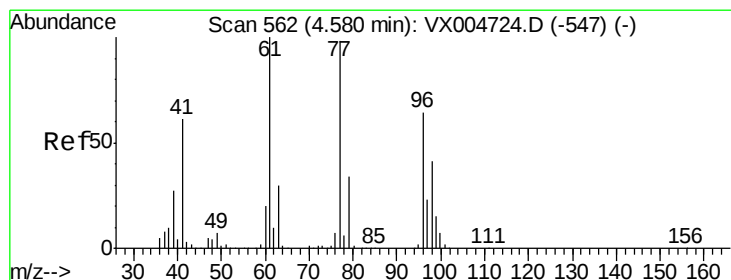
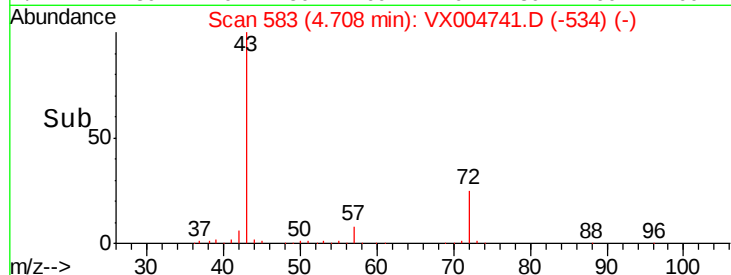
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 17.394 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX004741.D

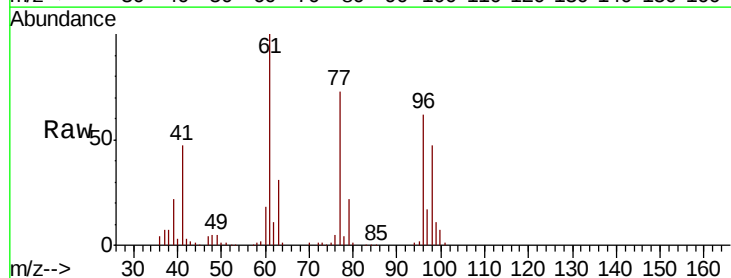
Acq: 26 Sep 2018 23:44

Tgt Ion: 77 Resp: 73443

Ion Ratio Lower Upper

77 100

97 24.5 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

25000

20000

15000

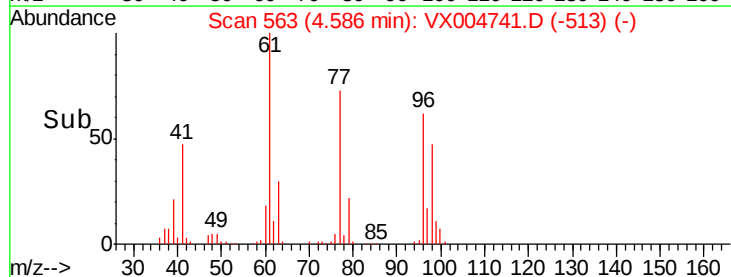
10000

5000

0

4.50 4.60 4.70

Time-->



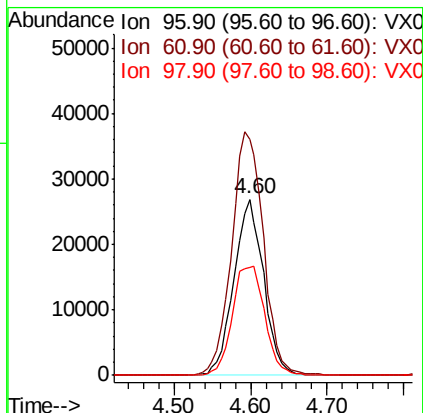
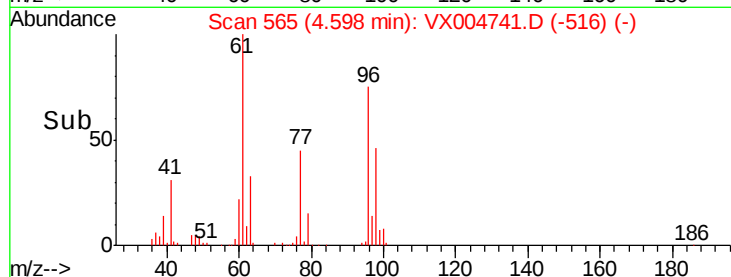
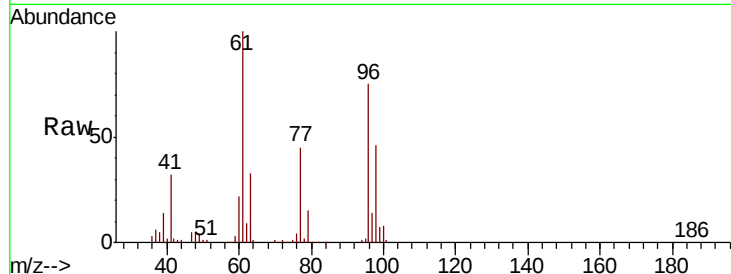


#27

cis-1,2-Dichloroethene
Concen: 21.428 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX004741.D
Acq: 26 Sep 2018 23:44

Instrument :
MSVOA_X
ClientSampleId :
VX0926WBS02

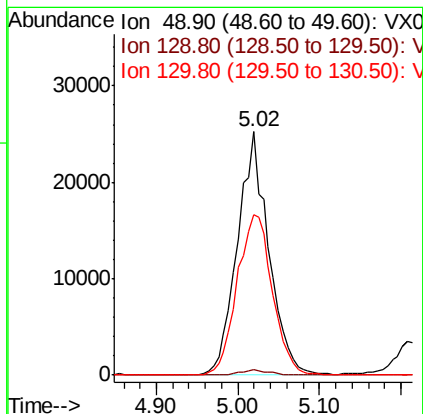
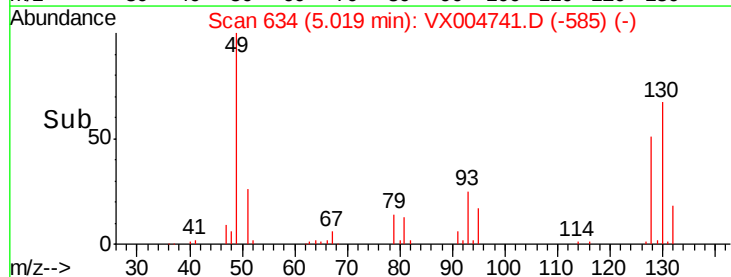
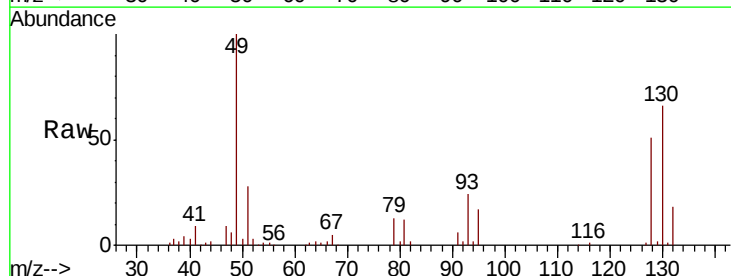
Tot Ion: 96 Resp: 72495
Ion Ratio Lower Upper
96 100
61 147.4 0.0 282.6
98 67.3 0.0 130.2

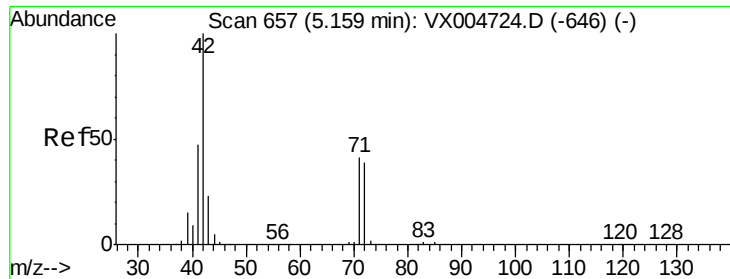


#28

Bromochloromethane
Concen: 23.560 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX004741.D
Acq: 26 Sep 2018 23:44

Tgt Ion: 49 Resp: 67272
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.2
130 73.8 67.5 101.3

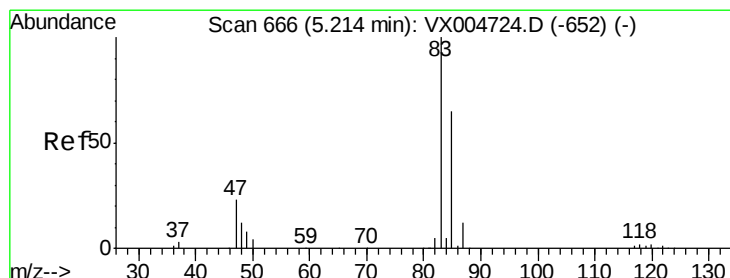
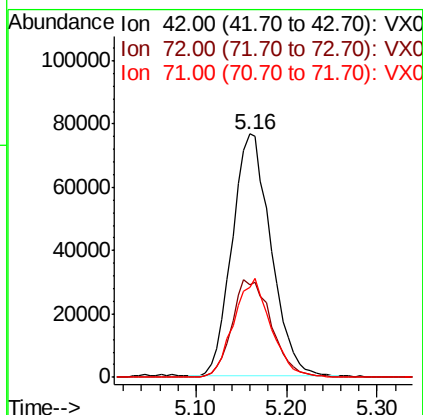
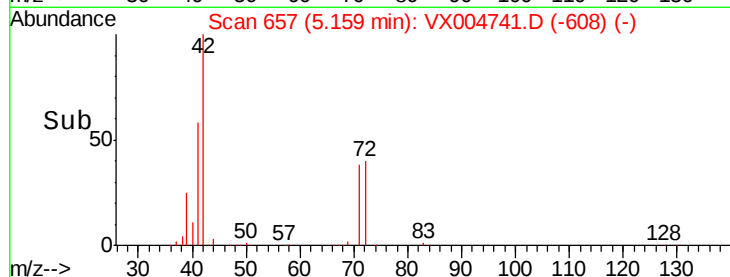
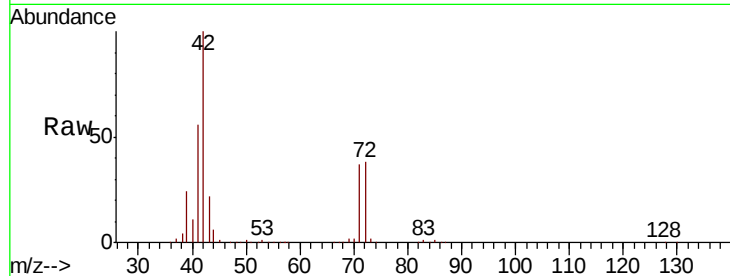




#29
Tetrahydrofuran
Concen: 116.740 ug/l
RT: 5.16 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX004741.D
Acq: 26 Sep 2018 23:44

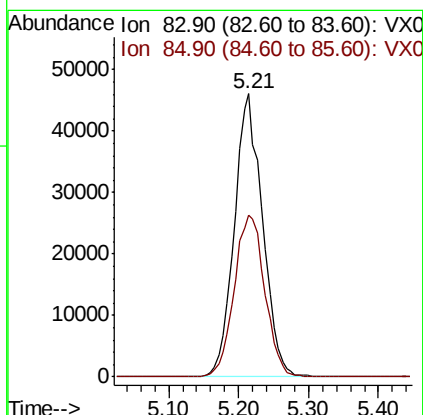
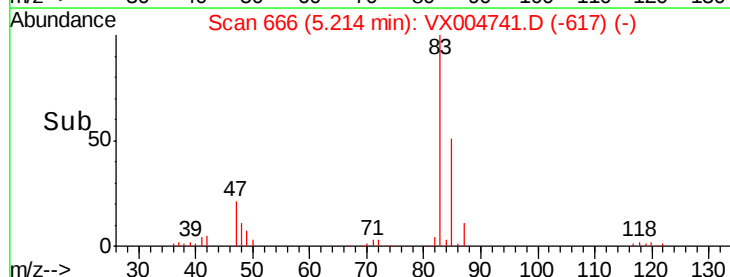
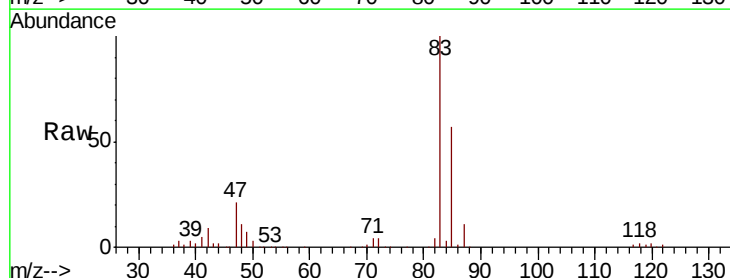
Instrument :
MSVOA_X
ClientSampleId :
VX0926WBS02

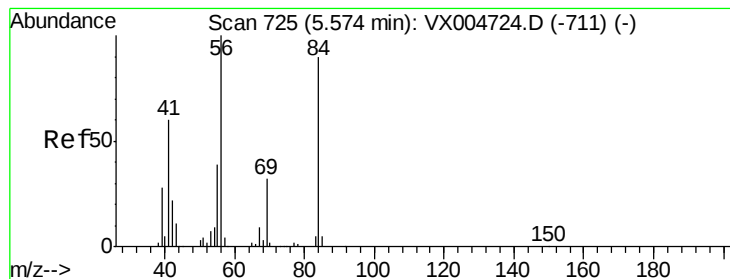
Tot Ion: 42 Resp: 227744
Ion Ratio Lower Upper
42 100
72 41.1 37.4 56.0
71 39.2 34.5 51.7



#30
Chloroform
Concen: 22.498 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX004741.D
Acq: 26 Sep 2018 23:44

Tgt Ion: 83 Resp: 128926
Ion Ratio Lower Upper
83 100
85 57.2 52.6 79.0





#31

Cvclohexane

Concen: 24.591 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.01 min

Lab File: VX004741.D

Acq: 26 Sep 2018 23:44

Instrument :

MSVOA_X

ClientSampleId :

VX0926WBS02

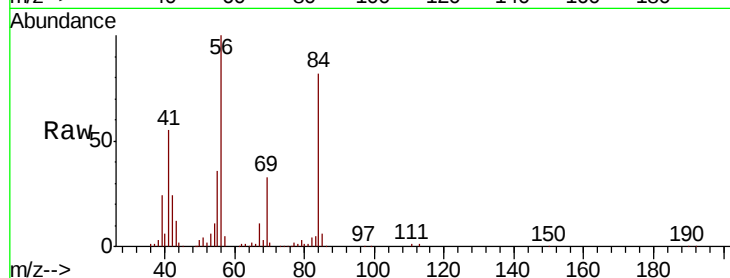
Tot Ion: 56 Resp: 114120

Ion Ratio Lower Upper

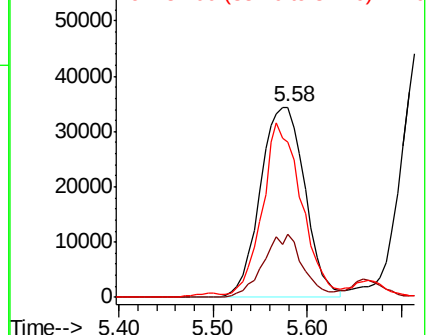
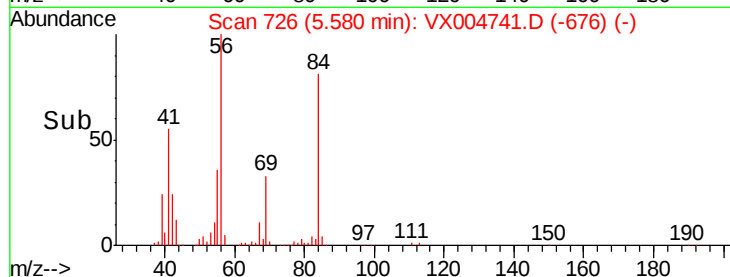
56 100

69 33.1 25.4 38.2

84 80.4 71.4 107.2



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: 22.244 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.01 min

Lab File: VX004741.D

Acq: 26 Sep 2018 23:44

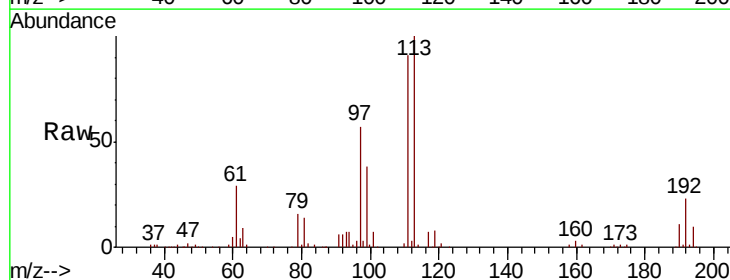
Tgt Ion: 97 Resp: 104102

Ion Ratio Lower Upper

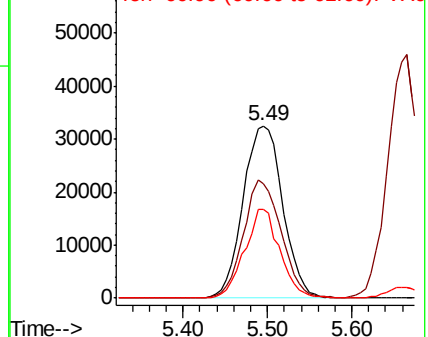
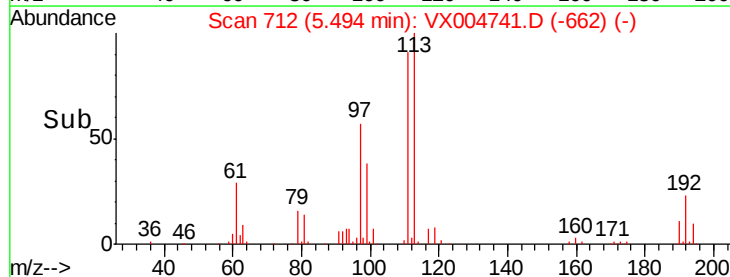
97 100

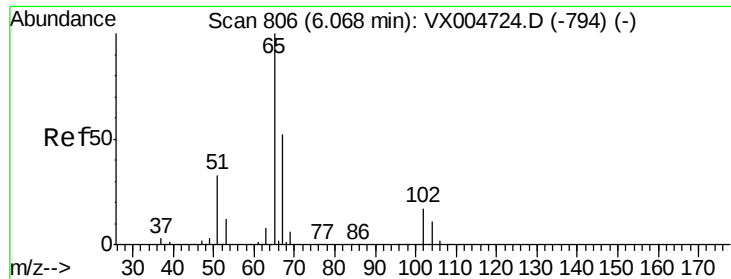
99 65.2 52.0 78.0

61 46.0 34.9 52.3



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: 57.382 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX004741.D

Acq: 26 Sep 2018 23:44

Instrument :

MSVOA_X

ClientSampleId :

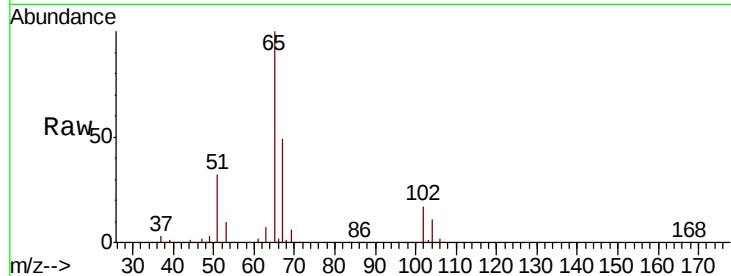
VX0926WBS02

Tot Ion: 65 Resp: 209291

Ion Ratio Lower Upper

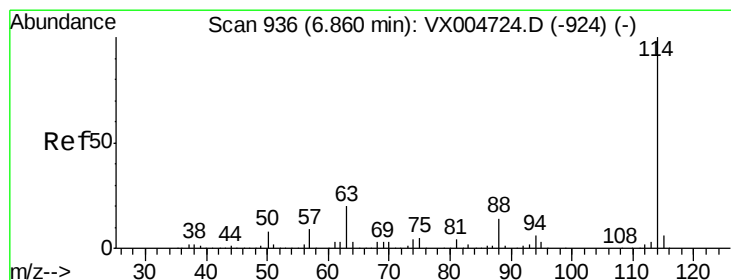
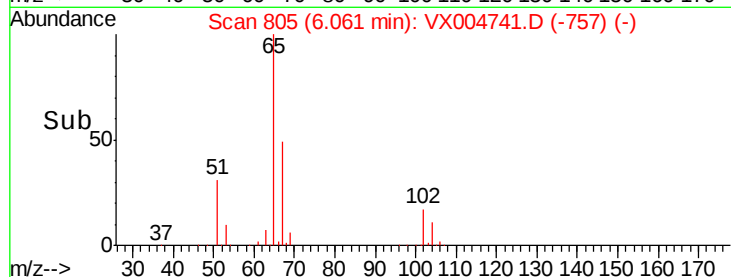
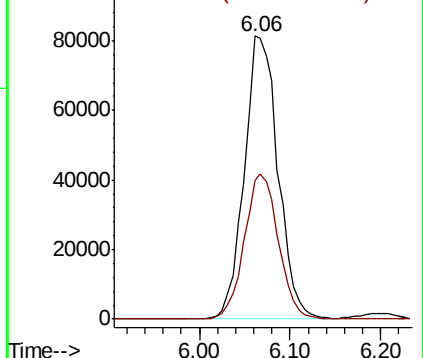
65 100

67 52.0 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX004741.D

Acq: 26 Sep 2018 23:44

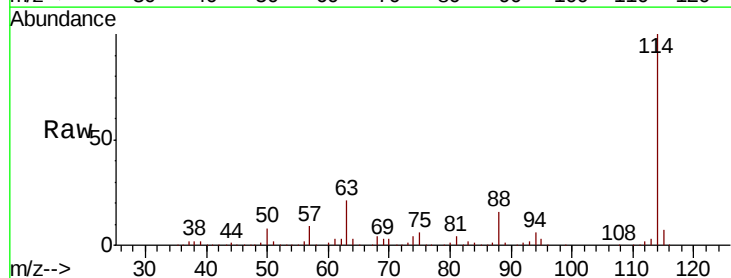
Tgt Ion: 114 Resp: 363232

Ion Ratio Lower Upper

114 100

63 20.7 0.0 39.0

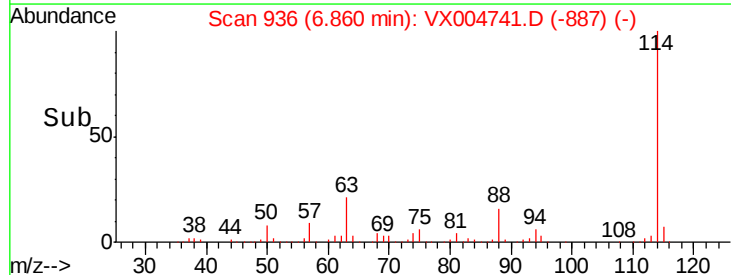
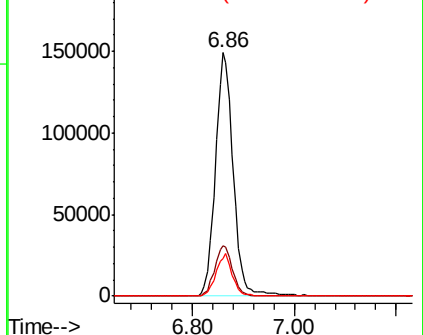
88 15.6 0.0 30.4

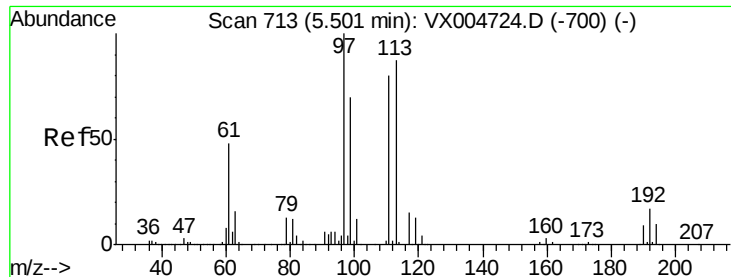


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

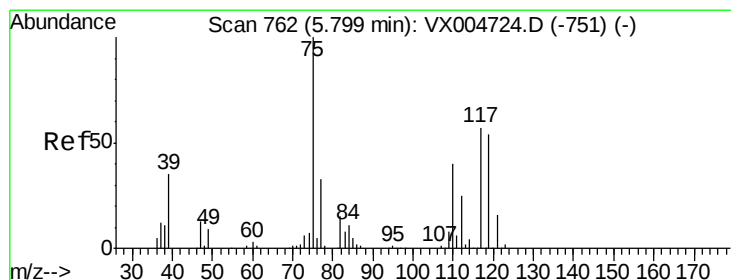
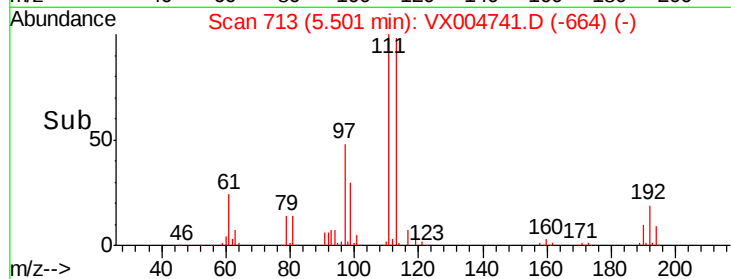
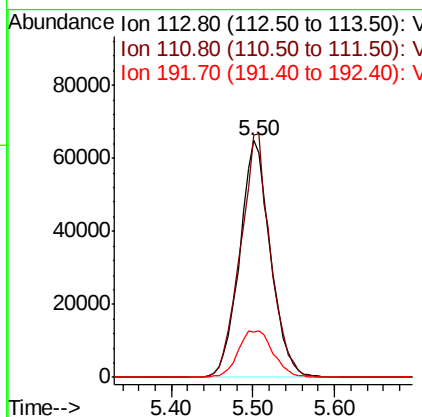
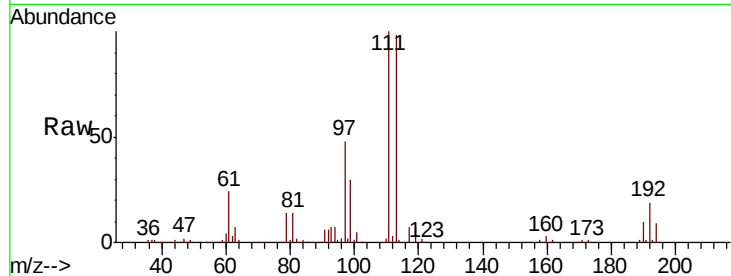




#35
 Dibromofluoromethane
 Concen: 55.042 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX004741.D
 Acq: 26 Sep 2018 23:44

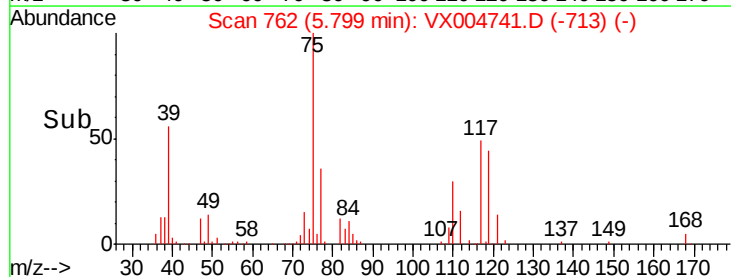
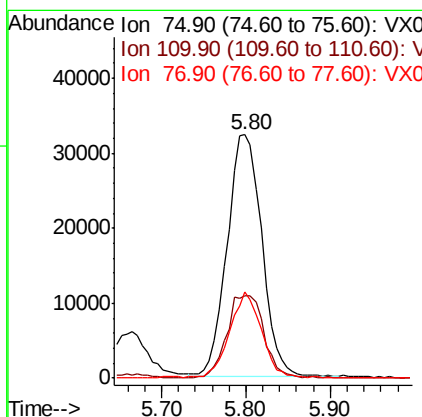
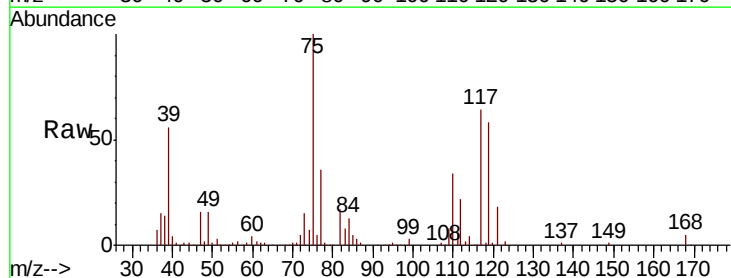
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0926WBS02

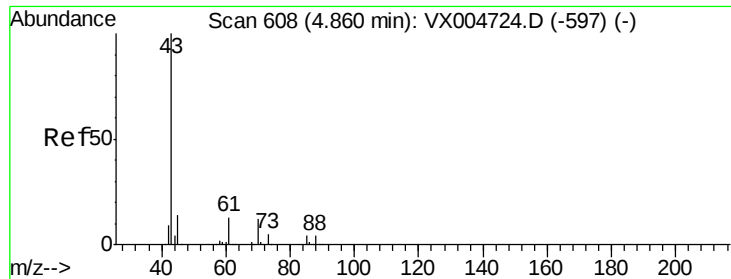
Tot Ion:113 Resp: 169442
 Ion Ratio Lower Upper
 113 100
 111 100.7 82.4 123.6
 192 22.5 19.4 29.2



#36
 1,1-Dichloropropene
 Concen: 21.541 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX004741.D
 Acq: 26 Sep 2018 23:44

Tgt Ion: 75 Resp: 90476
 Ion Ratio Lower Upper
 75 100
 110 36.4 18.0 54.0
 77 32.7 24.6 36.8

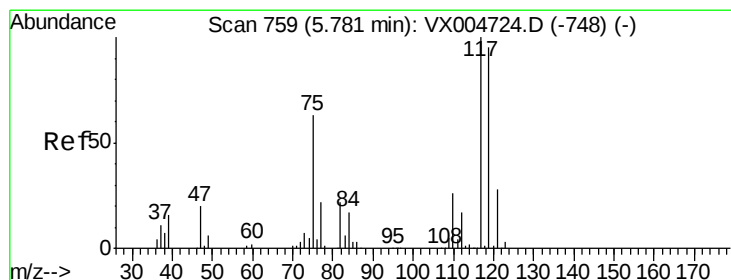
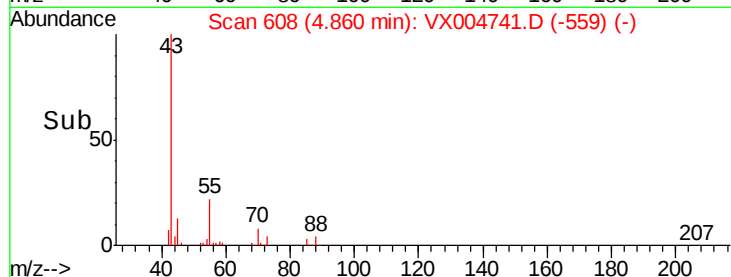
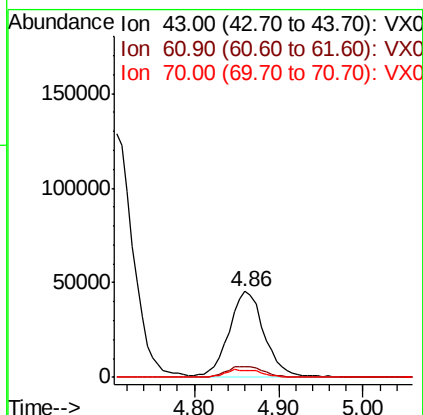
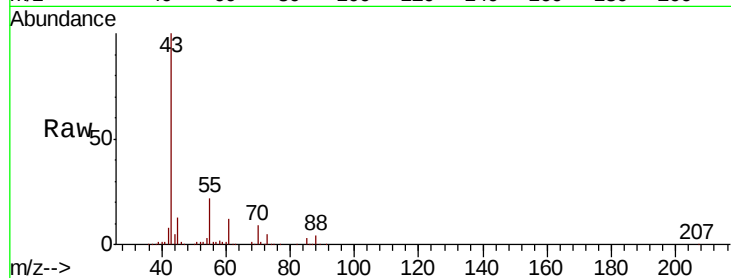




#37
Ethyl Acetate
Concen: 22.752 ug/l
RT: 4.86 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX004741.D
Acq: 26 Sep 2018 23:44

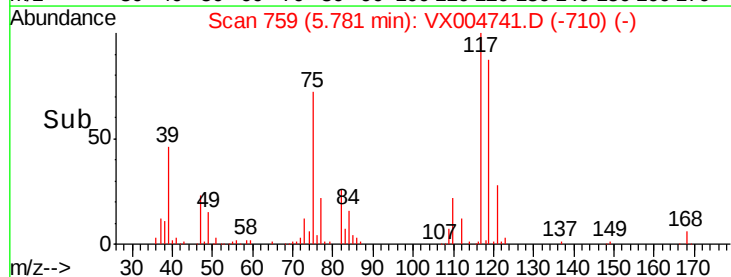
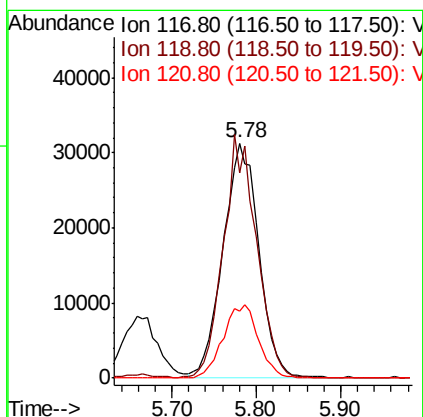
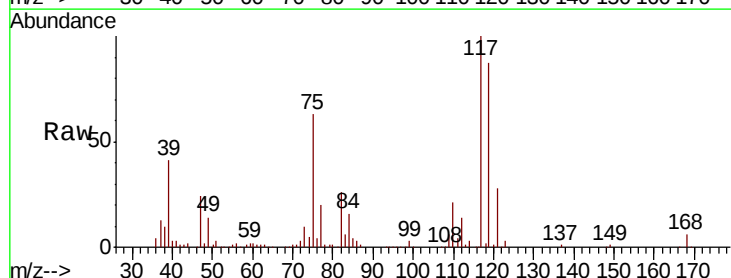
Instrument :
MSVOA_X
ClientSampleId :
VX0926WBS02

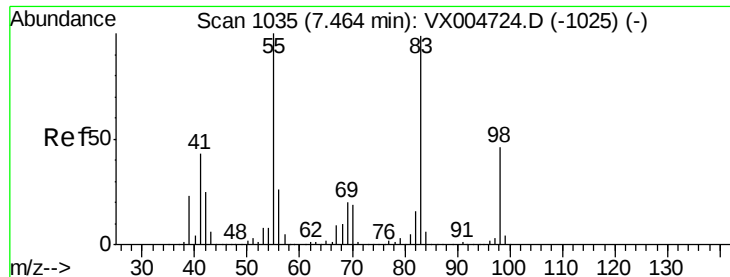
Tot Ion: 43 Resp: 126849
Ion Ratio Lower Upper
43 100
61 13.4 11.5 17.3
70 9.5 9.0 13.6



#38
Carbon Tetrachloride
Concen: 20.366 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX004741.D
Acq: 26 Sep 2018 23:44

Tgt Ion: 117 Resp: 89919
Ion Ratio Lower Upper
117 100
119 87.4 78.8 118.2
121 28.5 24.9 37.3

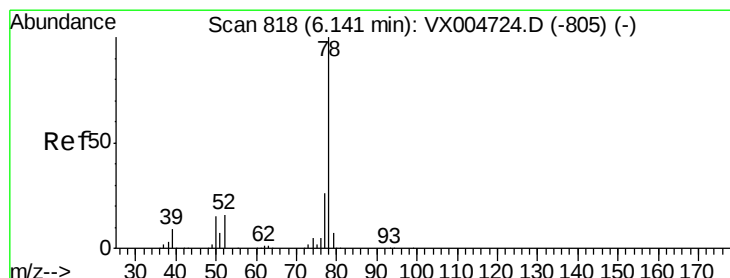
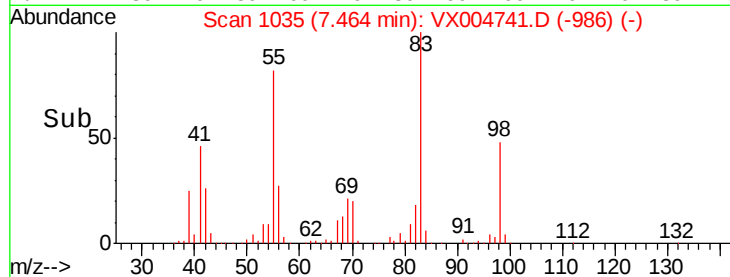
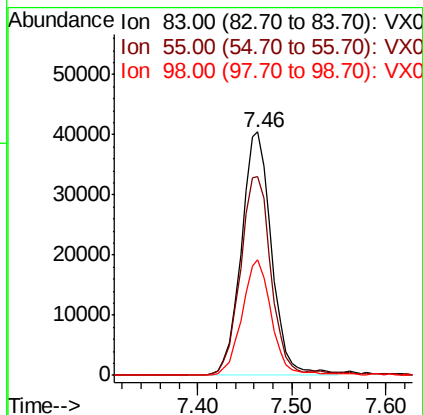
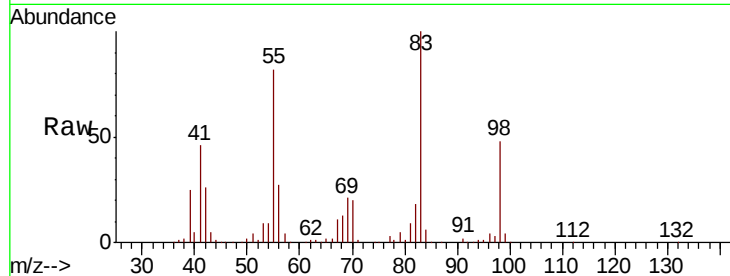




#39
Methvlcvclohexane
Concen: 21.204 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX004741.D
Acq: 26 Sep 2018 23:44

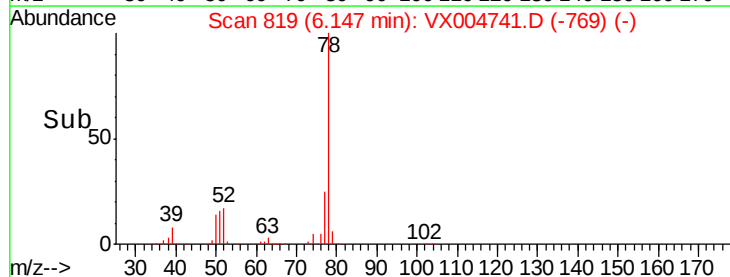
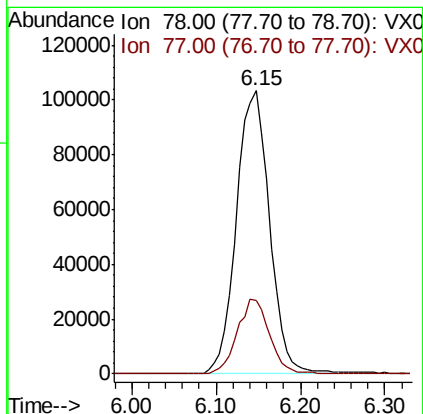
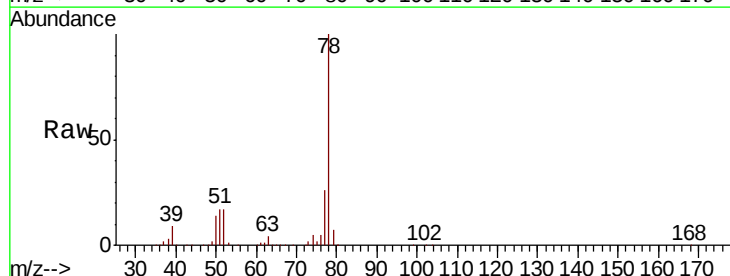
Instrument :
MSVOA_X
ClientSampleId :
VX0926WBS02

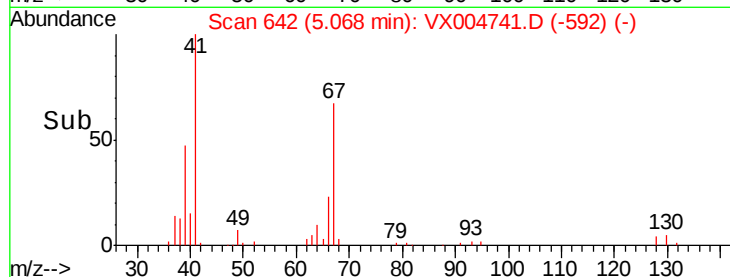
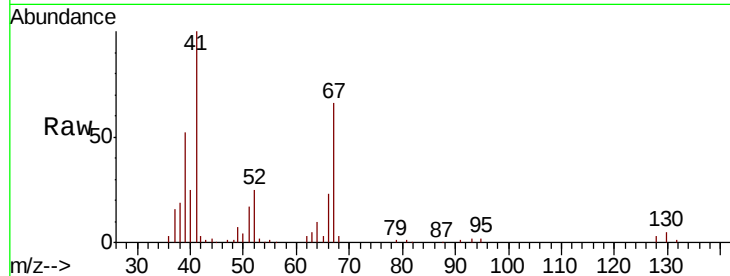
Tot Ion: 83 Resp: 90940
Ion Ratio Lower Upper
83 100
55 81.9 61.0 91.4
98 47.7 39.6 59.4



#40
Benzene
Concen: 20.861 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX004741.D
Acq: 26 Sep 2018 23:44

Tgt Ion: 78 Resp: 274309
Ion Ratio Lower Upper
78 100
77 26.1 19.0 28.4

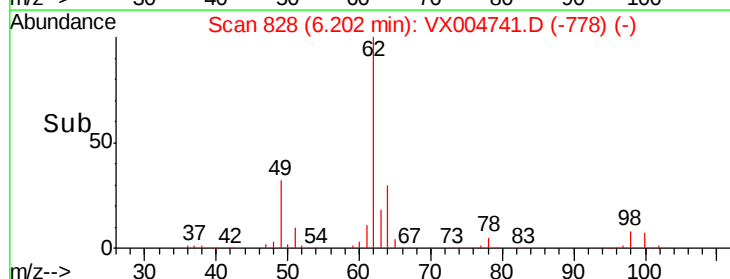
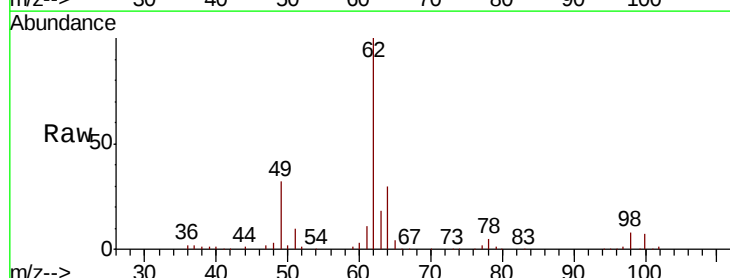
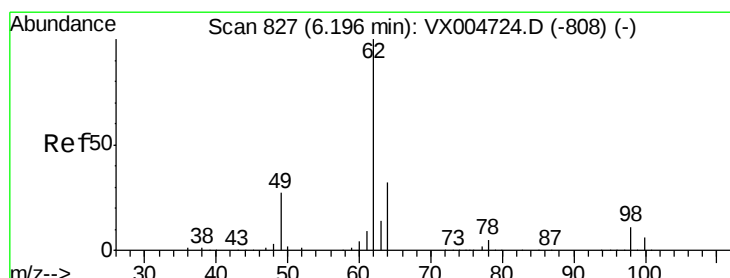
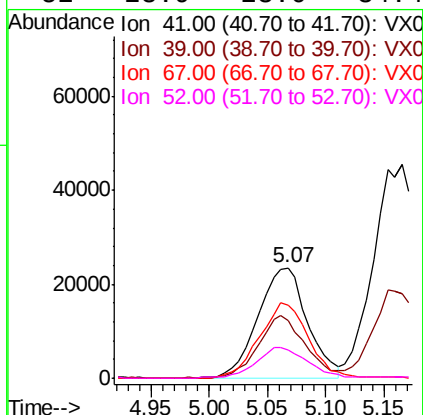




#41
Methacrylonitrile
Concen: 22.329 ug/l
RT: 5.07 min Scan# 642
Delta R.T. 0.01 min
Lab File: VX004741.D
Acq: 26 Sep 2018 23:44

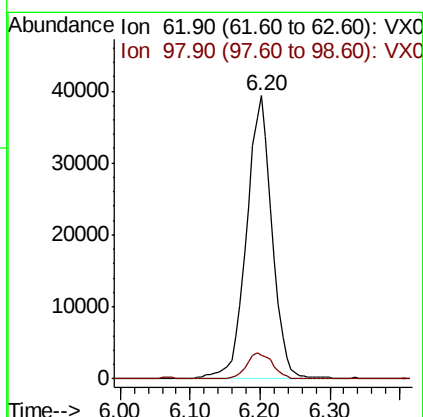
Instrument :
MSVOA_X
ClientSampleId :
VX0926WBS02

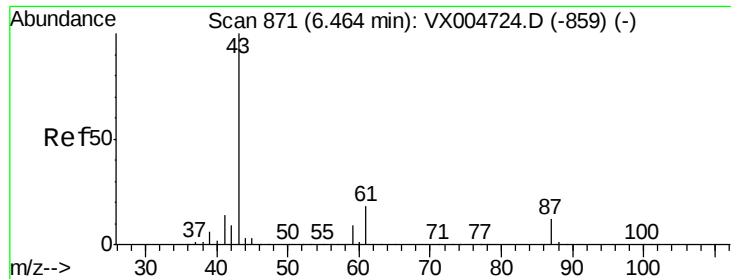
Tot Ion:	41	Resp:	69038
Ion	Ratio	Lower	Upper
41	100		
39	53.4	42.4	63.6
67	68.8	59.2	88.8
52	28.9	23.0	34.4



#42
1,2-Dichloroethane
Concen: 21.241 ug/l
RT: 6.20 min Scan# 828
Delta R.T. 0.01 min
Lab File: VX004741.D
Acq: 26 Sep 2018 23:44

Tgt Ion:	62	Resp:	98735
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	20.6





#43

Isopropyl Acetate

Concen: 21.432 ug/l

RT: 6.46 min Scan# 871

Delta R.T. -0.00 min

Lab File: VX004741.D

Acq: 26 Sep 2018 23:44

Instrument :

MSVOA_X

ClientSampleId :

VX0926WBS02

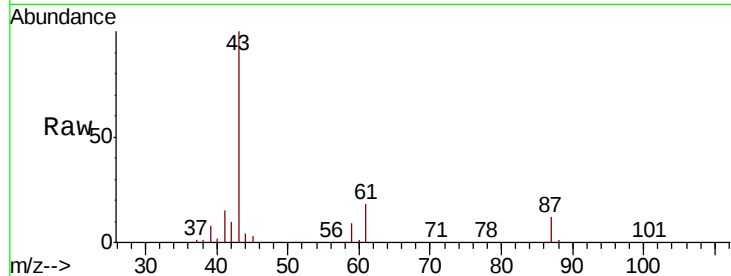
Tot Ion: 43 Resp: 172468

Ion Ratio Lower Upper

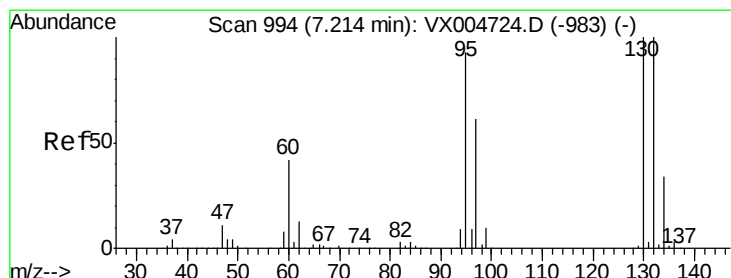
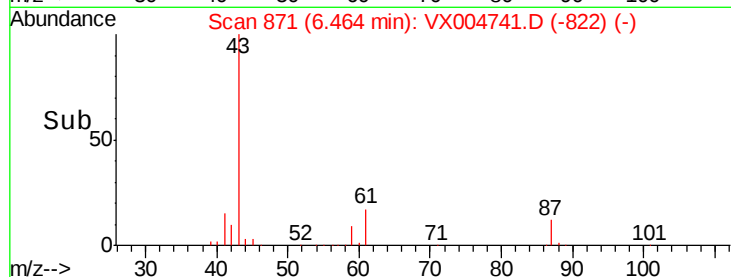
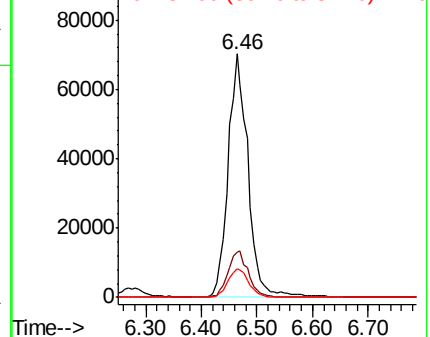
43 100

61 19.6 17.0 25.4

87 12.5 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 20.740 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX004741.D

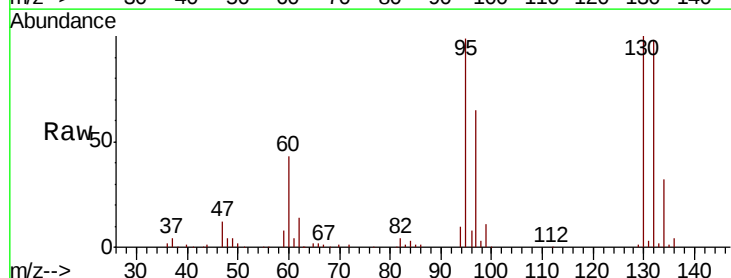
Acq: 26 Sep 2018 23:44

Tgt Ion:130 Resp: 67043

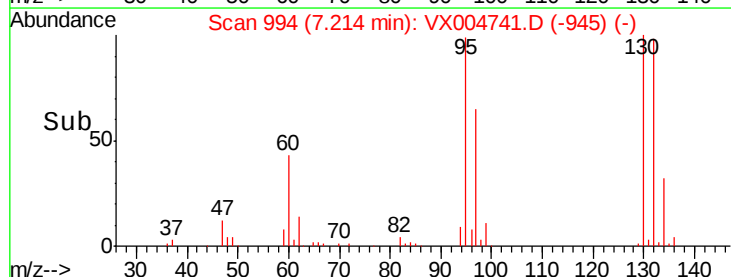
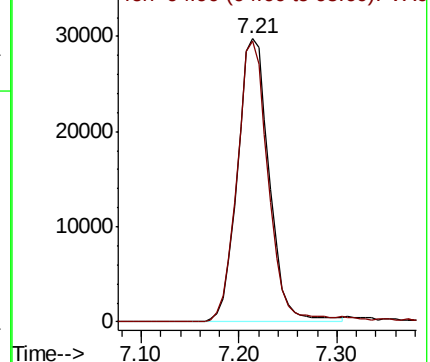
Ion Ratio Lower Upper

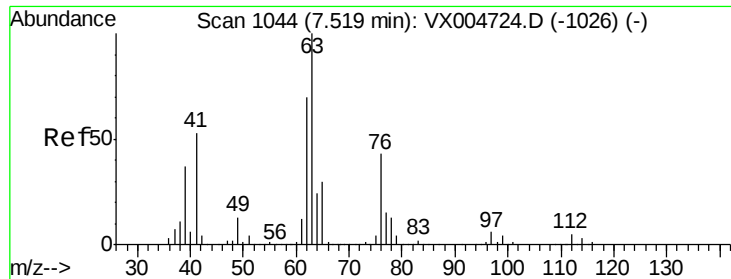
130 100

95 99.4 0.0 181.6



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 20.709 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VX004741.D

Acq: 26 Sep 2018 23:44

Instrument :

MSVOA_X

ClientSampleId :

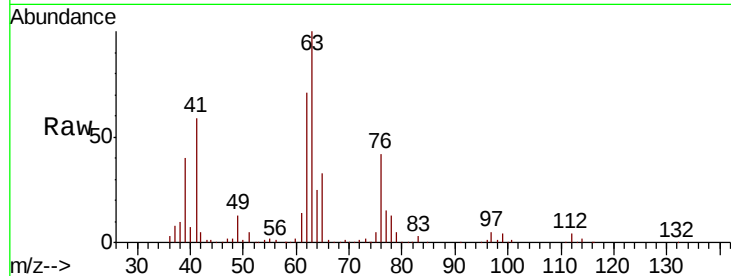
VX0926WBS02

Tot Ion: 63 Resp: 66780

Ion Ratio Lower Upper

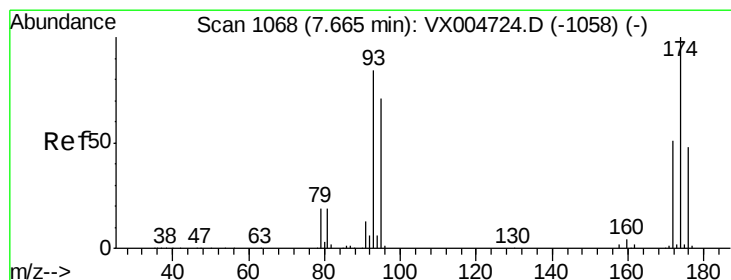
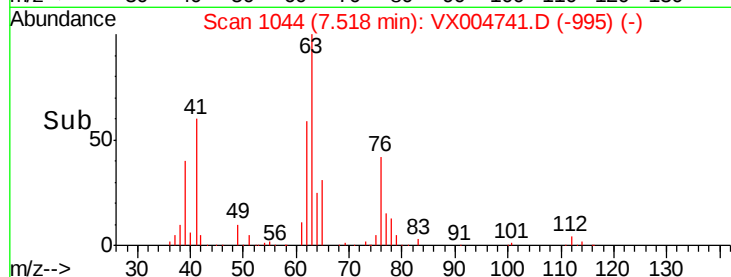
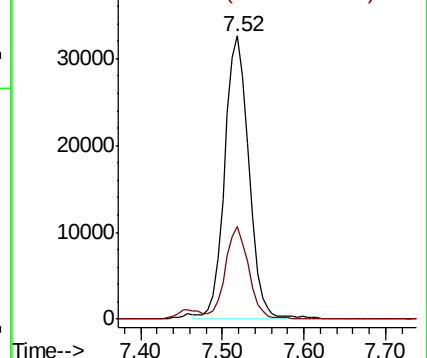
63 100

65 32.7 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 21.611 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. -0.00 min

Lab File: VX004741.D

Acq: 26 Sep 2018 23:44

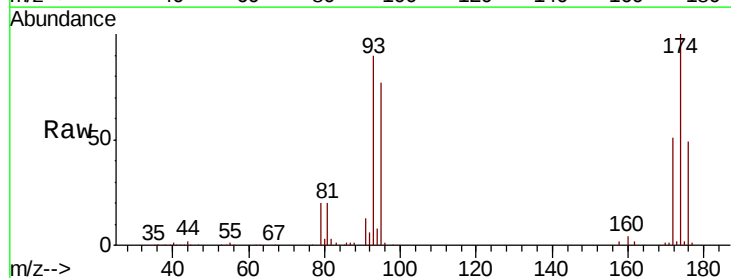
Tgt Ion: 93 Resp: 43795

Ion Ratio Lower Upper

93 100

95 83.7 65.5 98.3

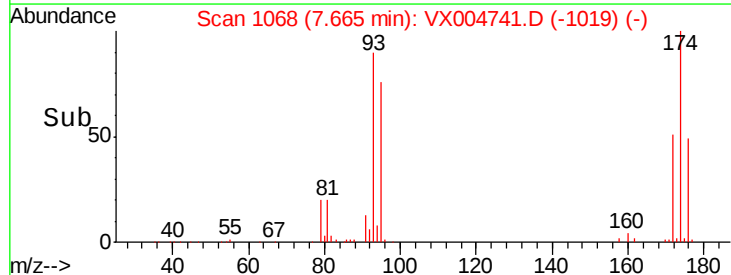
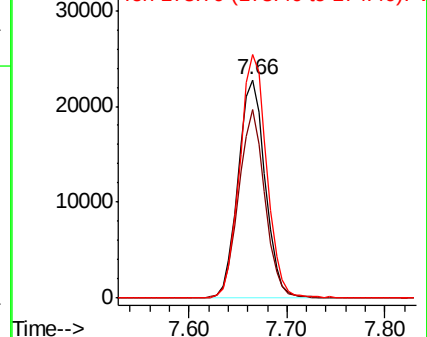
174 111.5 94.2 141.4

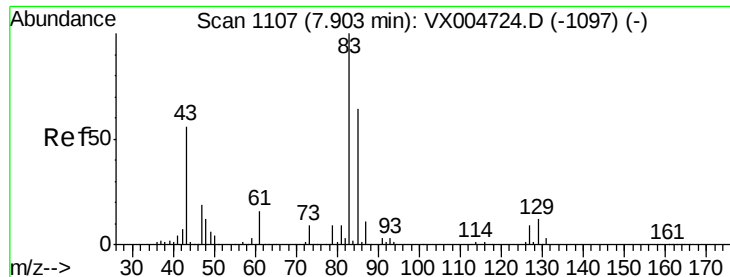


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 21.397 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. -0.00 min

Lab File: VX004741.D

Acq: 26 Sep 2018 23:44

Instrument :

MSVOA_X

ClientSampleId :

VX0926WBS02

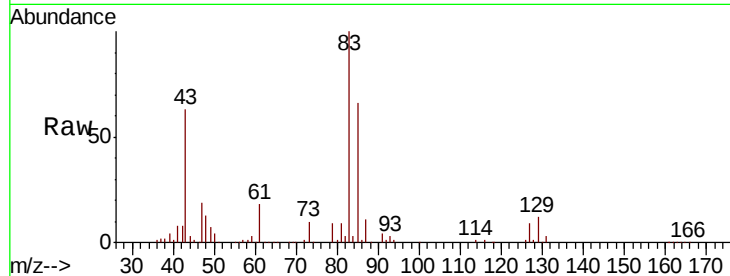
Tot Ion: 83 Resp: 81187

Ion Ratio Lower Upper

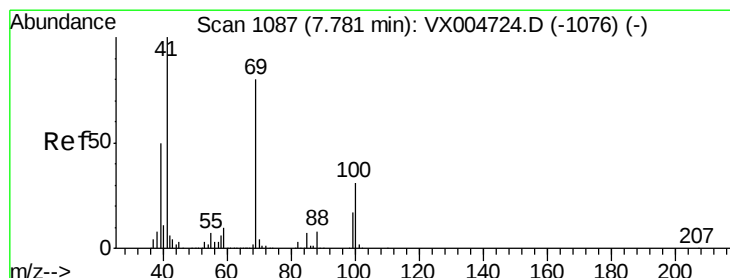
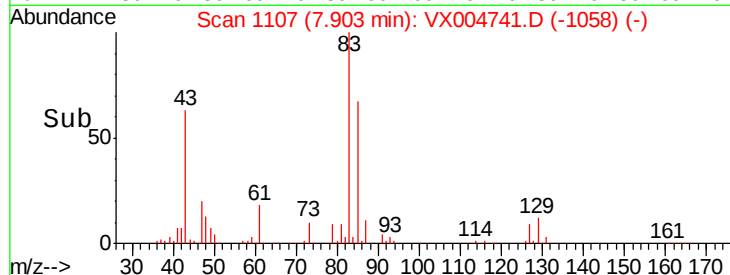
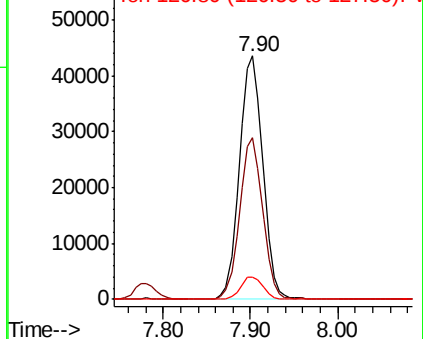
83 100

85 66.2 50.9 76.3

127 9.2 7.3 10.9



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



#48

Methyl methacrylate

Concen: 22.708 ug/l

RT: 7.78 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX004741.D

Acq: 26 Sep 2018 23:44

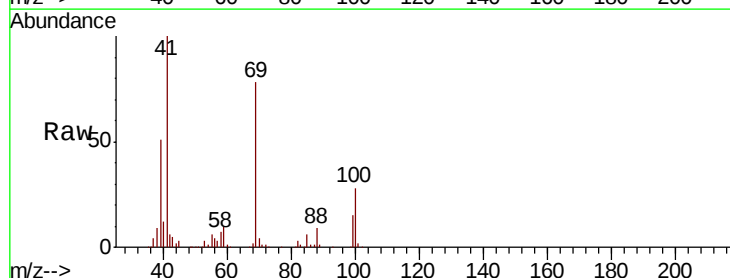
Tgt Ion: 41 Resp: 82938

Ion Ratio Lower Upper

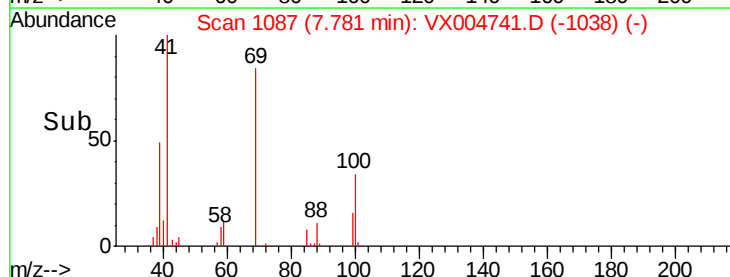
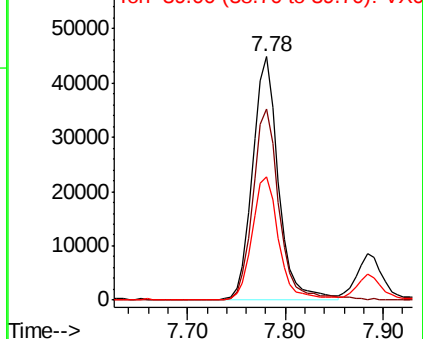
41 100

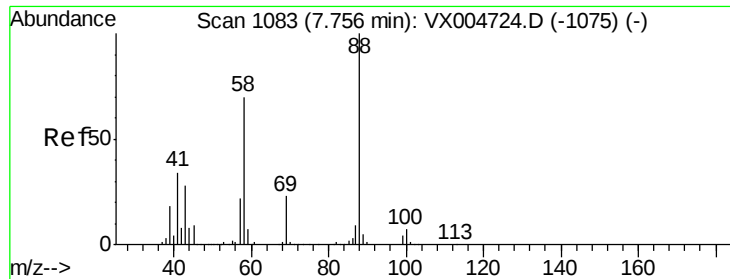
69 80.3 70.2 105.4

39 51.5 42.7 64.1



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: 445.180 ug/l

RT: 7.76 min Scan# 1083

Delta R.T. -0.00 min

Lab File: VX004741.D

Acq: 26 Sep 2018 23:44

Instrument :

MSVOA_X

ClientSampleId :

VX0926WBS02

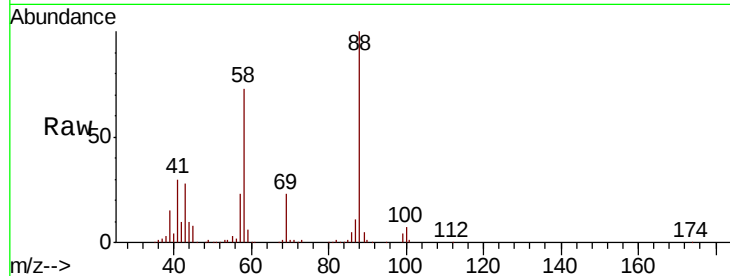
Tot Ion: 88 Resp: 40396

Ion Ratio Lower Upper

88 100

43 33.5 24.7 37.1

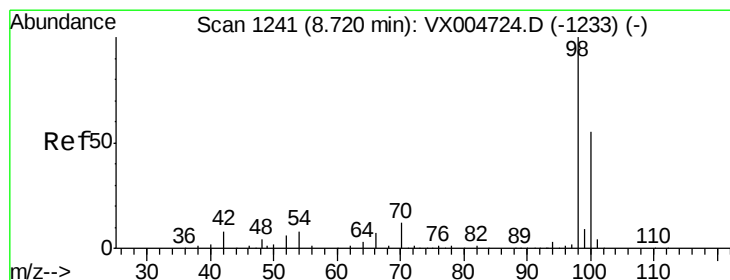
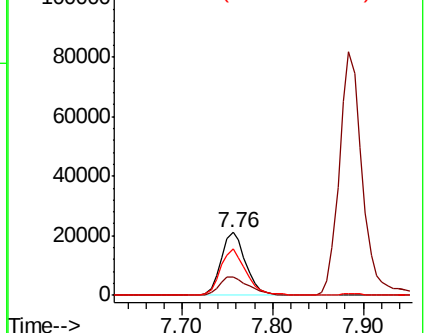
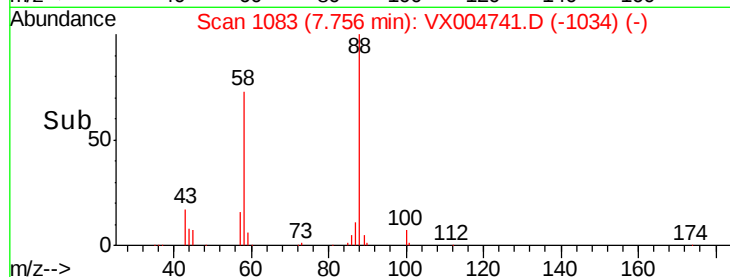
58 75.6 55.3 82.9



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: 55.104 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VX004741.D

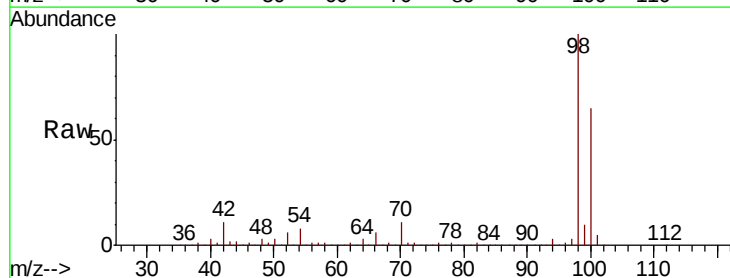
Acq: 26 Sep 2018 23:44

Tgt Ion: 98 Resp: 563946

Ion Ratio Lower Upper

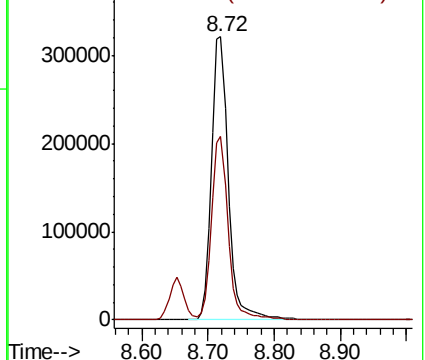
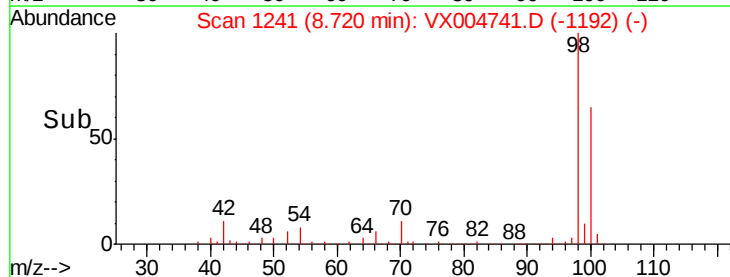
98 100

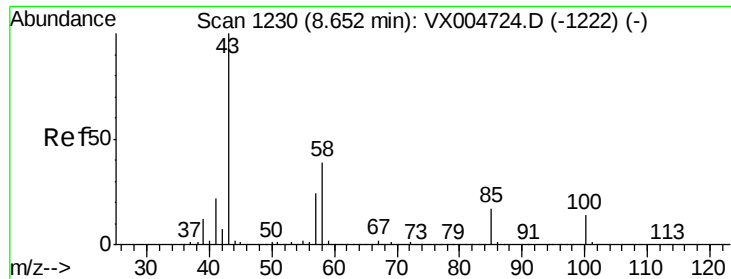
100 64.5 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

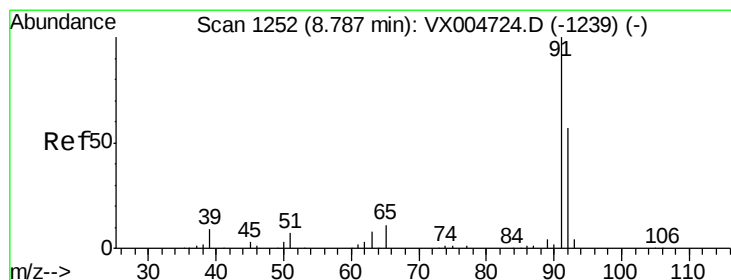
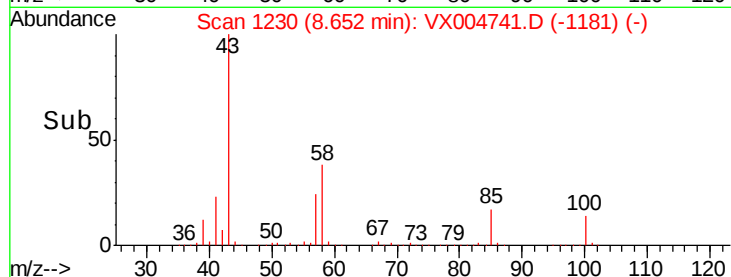
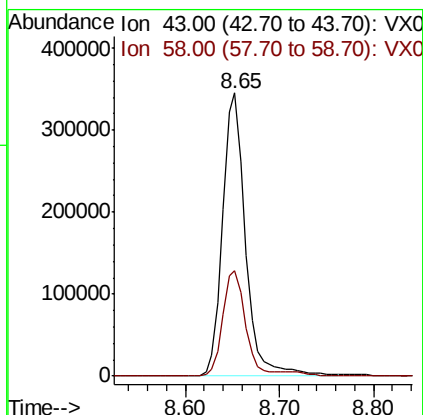
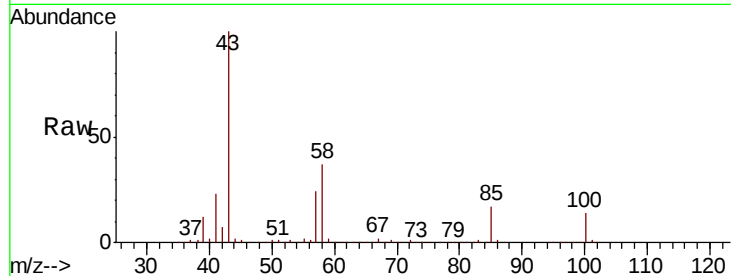




#51
4-Methyl-2-Pentanone
Concen: 115.264 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. -0.00 min
Lab File: VX004741.D
Acq: 26 Sep 2018 23:44

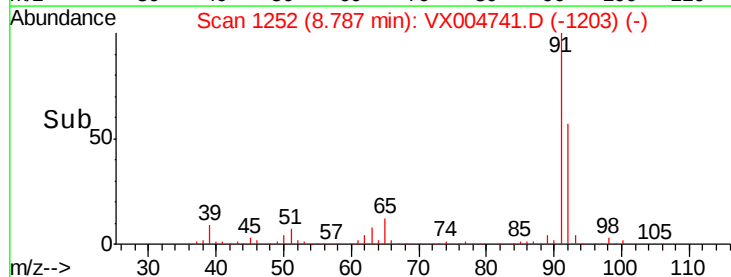
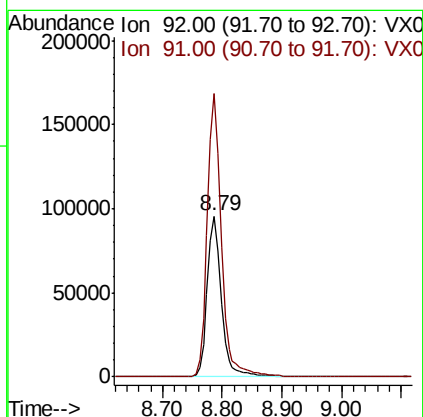
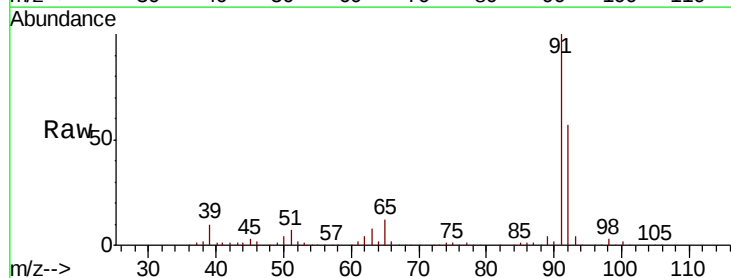
Instrument :
MSVOA_X
ClientSampleId :
VX0926WBS02

Tot Ion: 43 Resp: 584020
Ion Ratio Lower Upper
43 100
58 36.9 33.1 49.7



#52
Toluene
Concen: 21.772 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX004741.D
Acq: 26 Sep 2018 23:44

Tgt Ion: 92 Resp: 157312
Ion Ratio Lower Upper
92 100
91 175.2 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 20.173 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX004741.D

Acq: 26 Sep 2018 23:44

Instrument :

MSVOA_X

ClientSampleId :

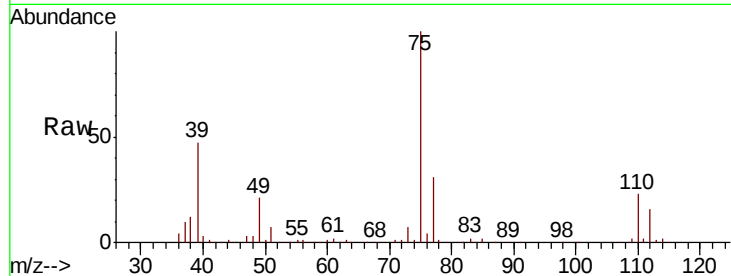
VX0926WBS02

Tot Ion: 75 Resp: 86494

Ion Ratio Lower Upper

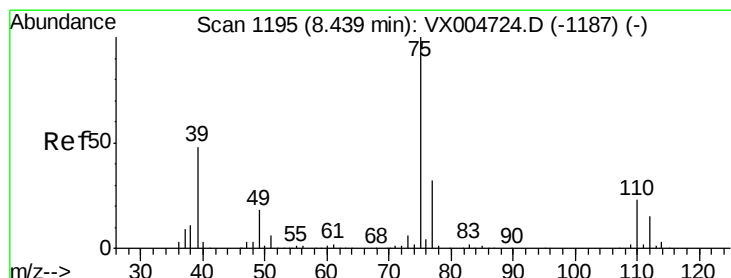
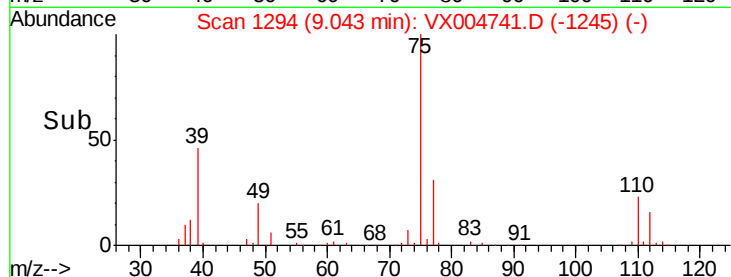
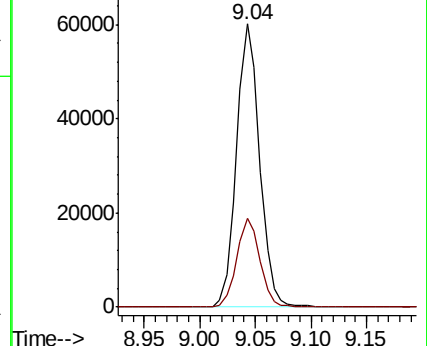
75 100

77 31.2 24.6 37.0



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: 21.422 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. -0.00 min

Lab File: VX004741.D

Acq: 26 Sep 2018 23:44

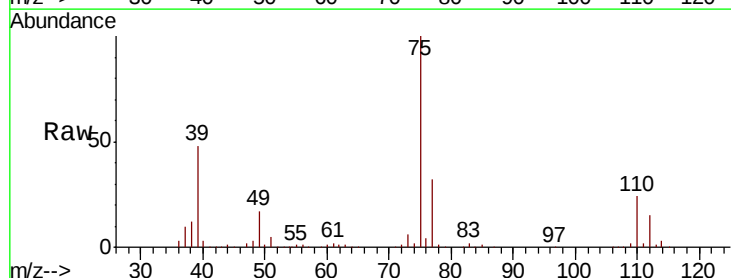
Tgt Ion: 75 Resp: 96206

Ion Ratio Lower Upper

75 100

77 32.0 26.2 39.2

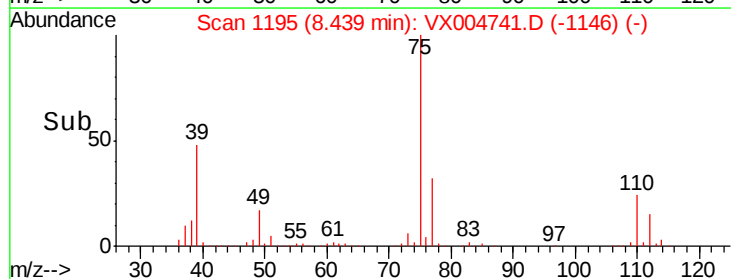
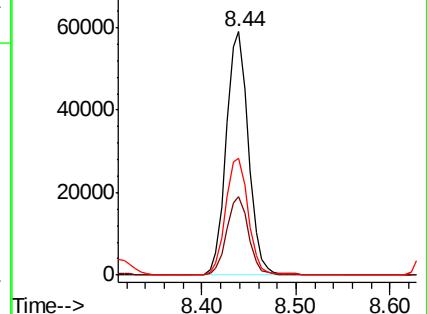
39 48.0 36.4 54.6



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: 20.711 ug/l

RT: 9.22 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX004741.D

Acq: 26 Sep 2018 23:44

Instrument :

MSVOA_X

ClientSampleId :

VX0926WBS02

Tot Ion: 97 Resp: 65550

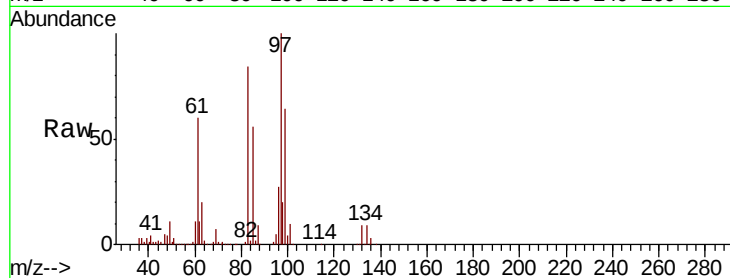
Ion Ratio Lower Upper

97 100

83 84.1 66.4 99.6

85 56.1 43.3 64.9

99 63.8 49.0 73.4

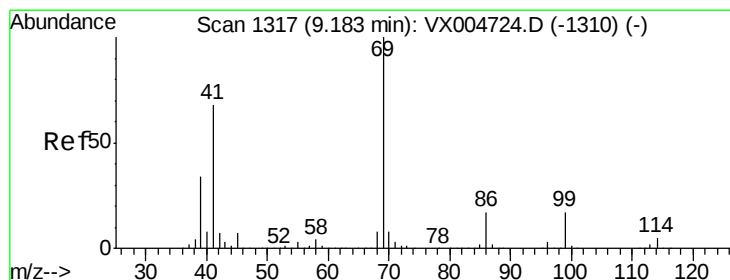
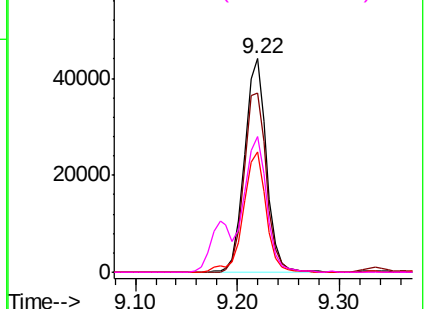
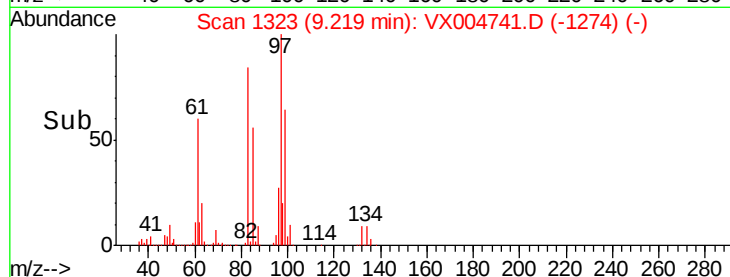


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 20.362 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VX004741.D

Acq: 26 Sep 2018 23:44

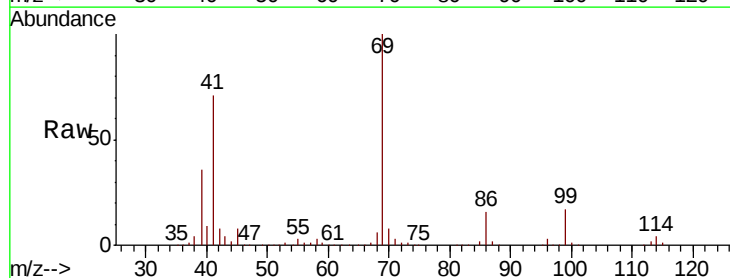
Tgt Ion: 69 Resp: 95336

Ion Ratio Lower Upper

69 100

41 70.5 51.0 76.4

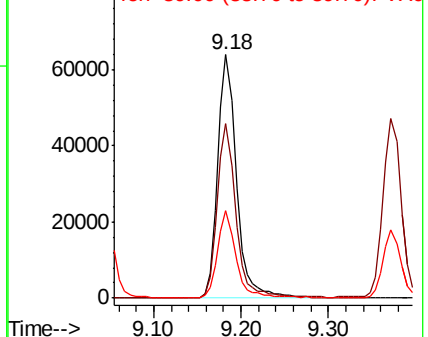
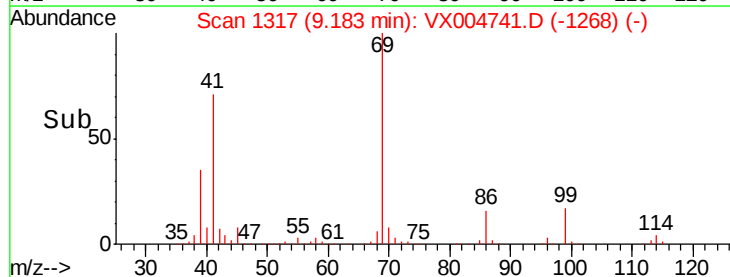
39 34.7 26.1 39.1



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: 20.735 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX004741.D

Acq: 26 Sep 2018 23:44

Instrument :

MSVOA_X

ClientSampleId :

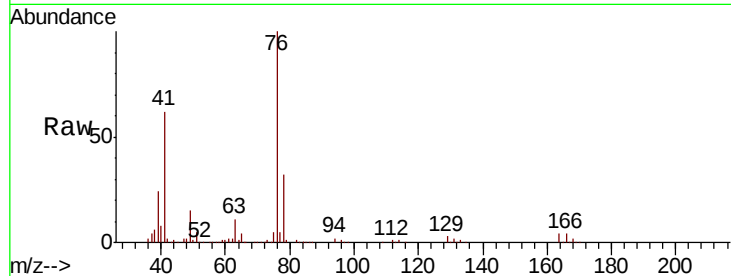
VX0926WBS02

Tot Ion: 76 Resp: 109219

Ion Ratio Lower Upper

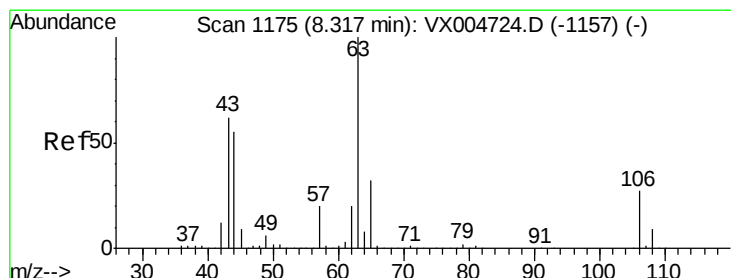
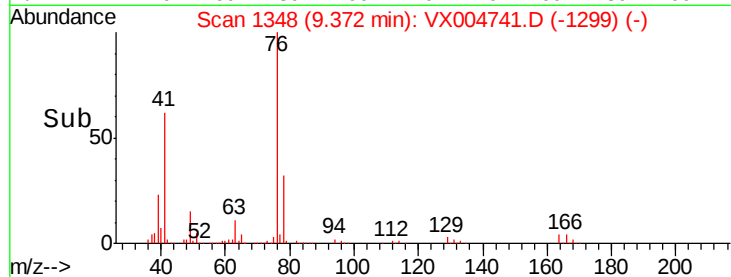
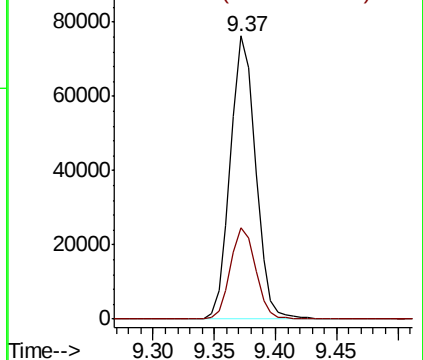
76 100

78 32.3 25.5 38.3



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: 112.574 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. 0.00 min

Lab File: VX004741.D

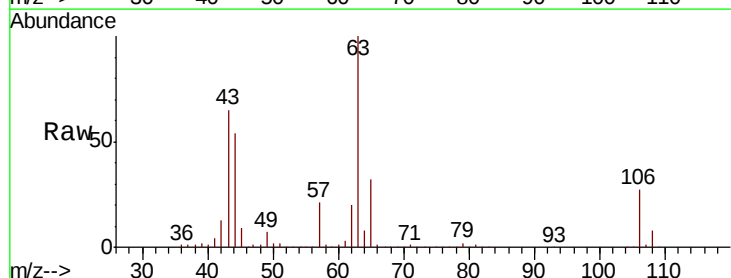
Acq: 26 Sep 2018 23:44

Tgt Ion: 63 Resp: 284355

Ion Ratio Lower Upper

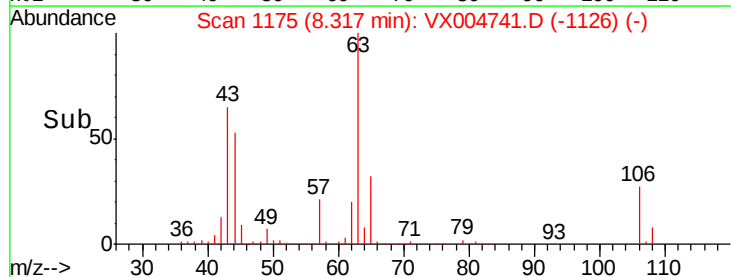
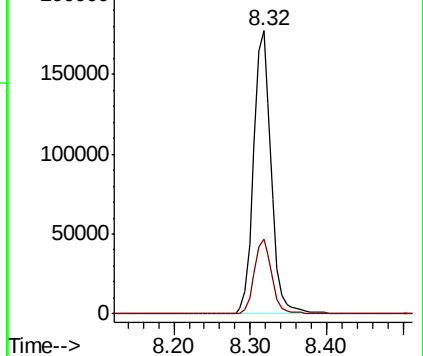
63 100

106 26.5 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

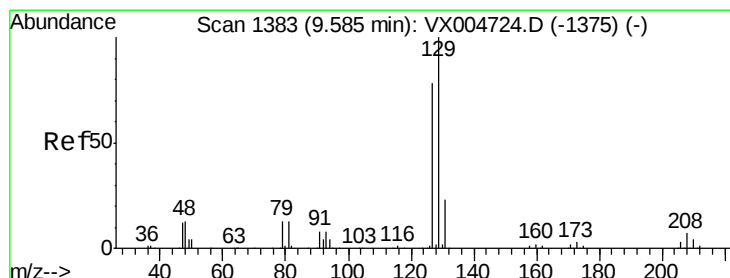
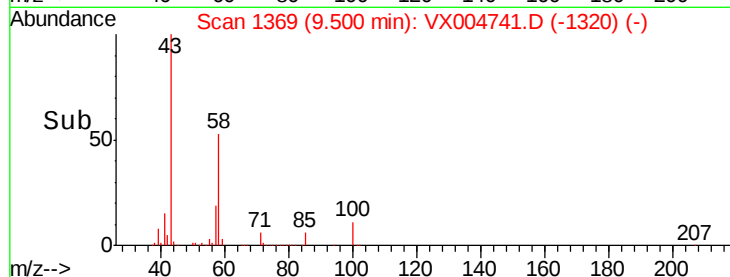
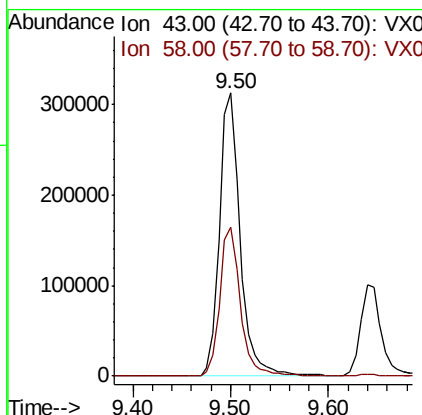
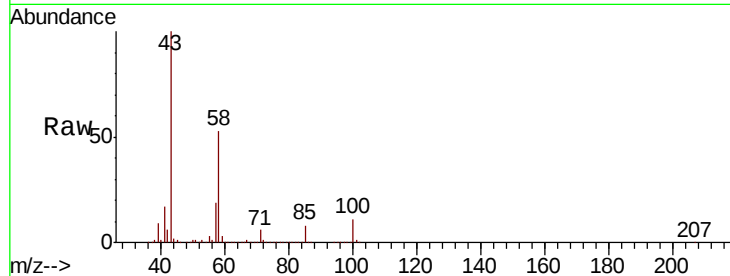




#59
2-Hexanone
Concen: 108.972 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX004741.D
Acq: 26 Sep 2018 23:44

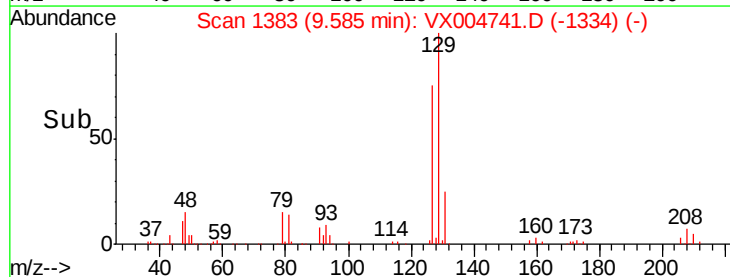
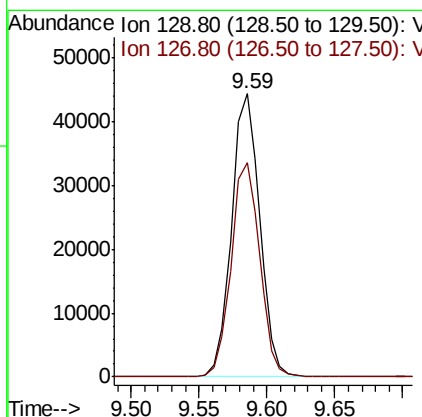
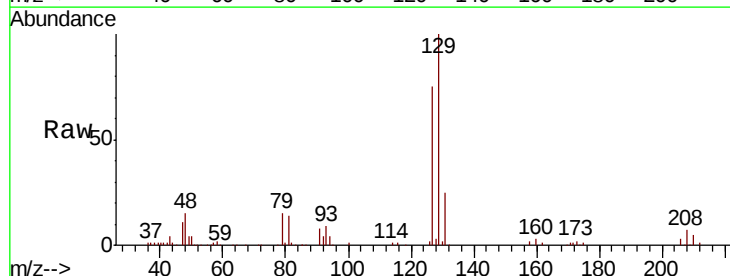
Instrument :
MSVOA_X
ClientSampleId :
VX0926WBS02

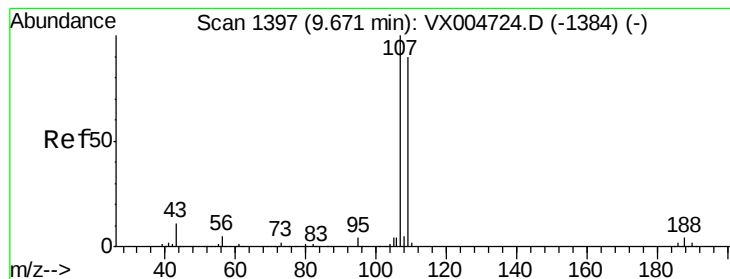
Tot Ion: 43 Resp: 460109
Ion Ratio Lower Upper
43 100
58 52.5 29.0 87.0



#60
Dibromochloromethane
Concen: 20.218 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX004741.D
Acq: 26 Sep 2018 23:44

Tgt Ion: 129 Resp: 63993
Ion Ratio Lower Upper
129 100
127 76.7 38.5 115.5





#61

1,2-Dibromoethane

Concen: 20.073 ug/l

RT: 9.68 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VX004741.D

Acq: 26 Sep 2018 23:44

Instrument :

MSVOA_X

ClientSampleId :

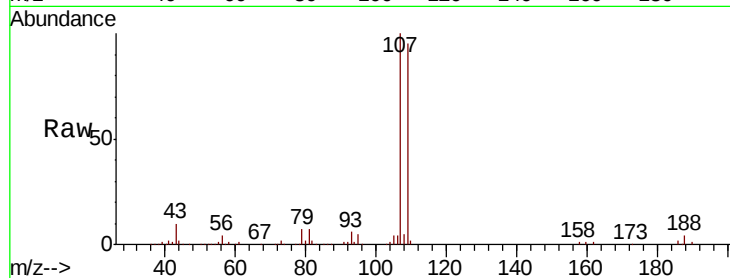
VX0926WBS02

Tot Ion:107 Resp: 68037

Ion Ratio Lower Upper

107 100

109 94.1 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

50000

40000

30000

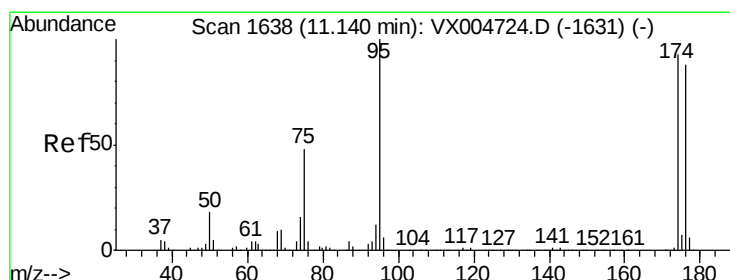
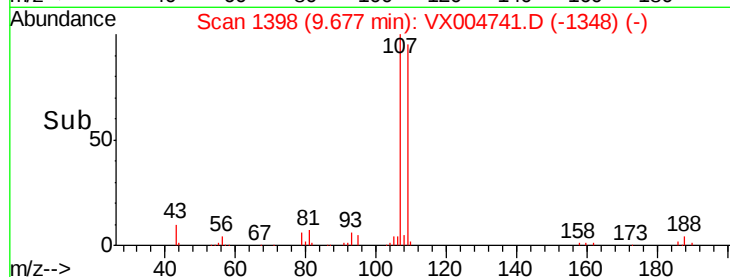
20000

10000

0

9.60 9.70 9.80

Time-->



#62

4-Bromofluorobenzene

Concen: 55.043 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004741.D

Acq: 26 Sep 2018 23:44

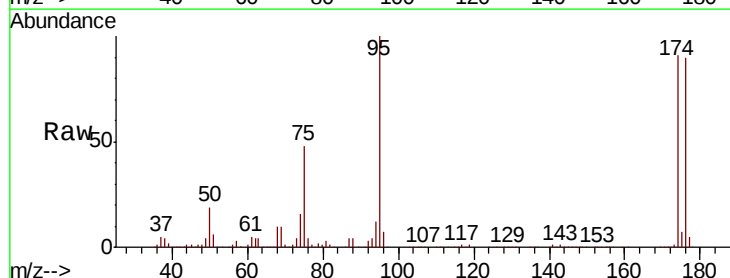
Tgt Ion: 95 Resp: 202939

Ion Ratio Lower Upper

95 100

174 89.7 0.0 185.2

176 87.4 0.0 178.6



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

200000

150000

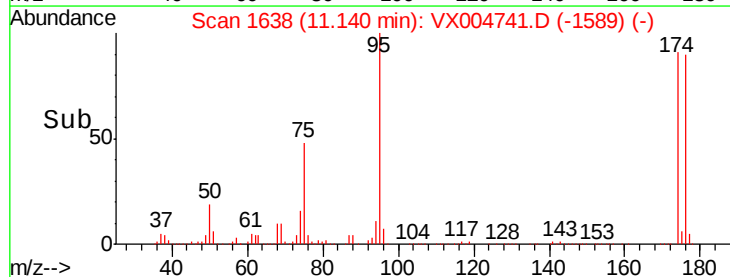
100000

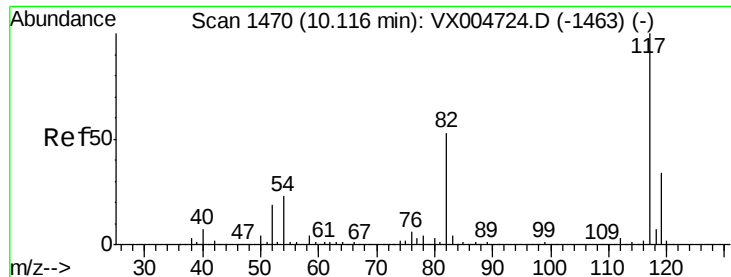
50000

0

11.10 11.20

Time-->

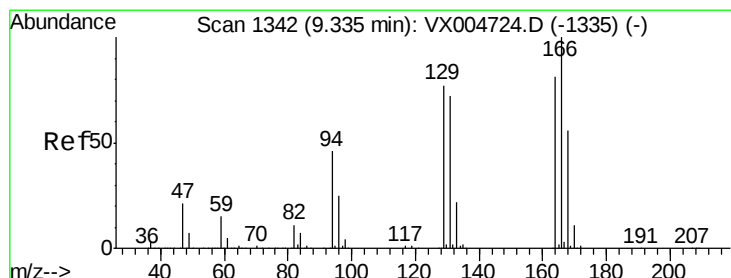
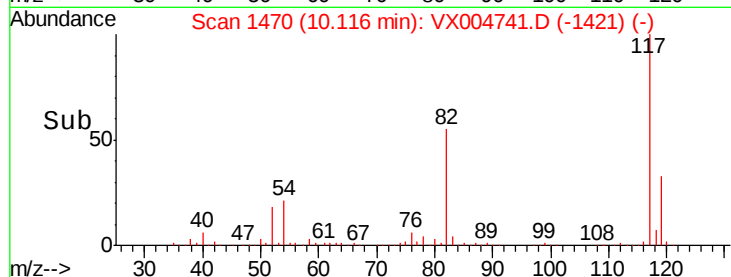
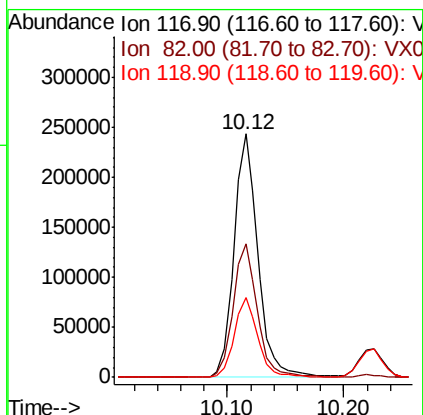
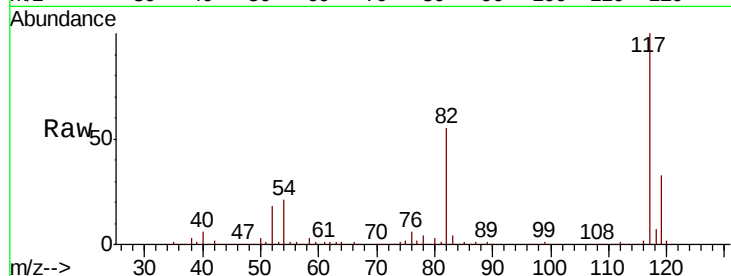




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004741.D
Acq: 26 Sep 2018 23:44

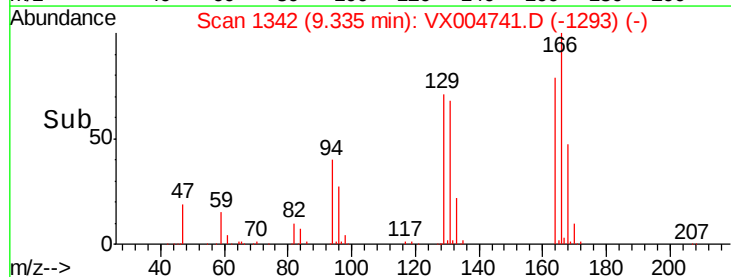
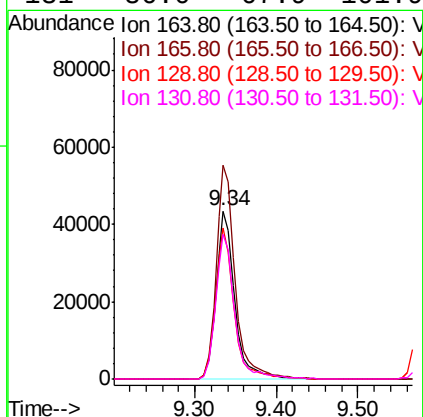
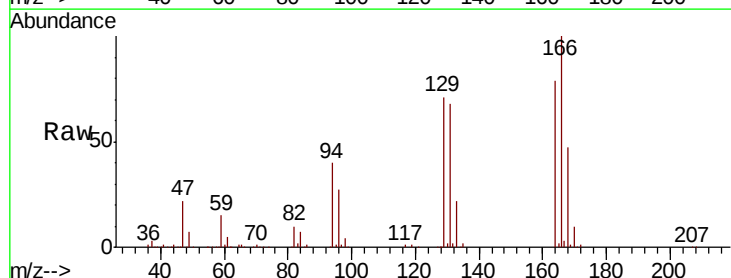
Instrument :
MSVOA_X
ClientSampleId :
VX0926WBS02

Tot Ion:117 Resp: 347982
Ion Ratio Lower Upper
117 100
82 54.6 47.8 71.6
119 32.9 29.3 43.9



#64
Tetrachloroethene
Concen: 20.510 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX004741.D
Acq: 26 Sep 2018 23:44

Tgt Ion:164 Resp: 70246
Ion Ratio Lower Upper
164 100
166 126.9 102.8 154.2
129 89.9 69.4 104.0
131 86.0 67.9 101.9

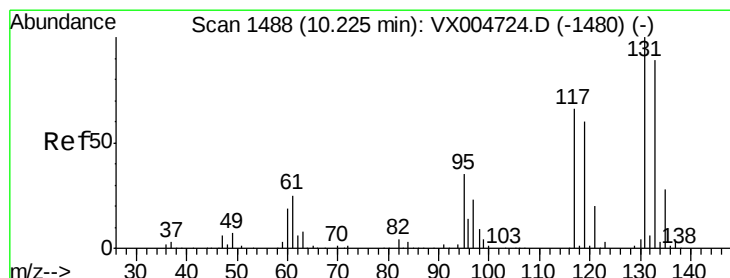
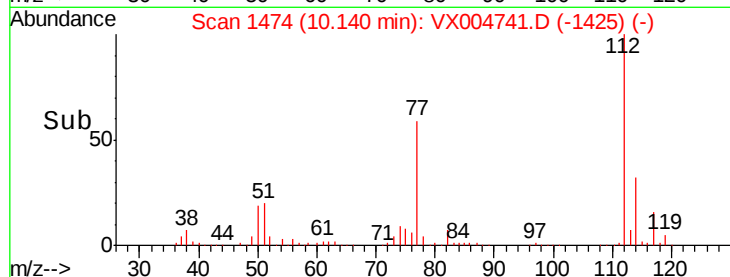
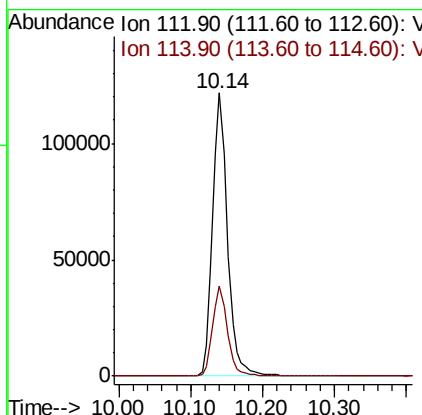
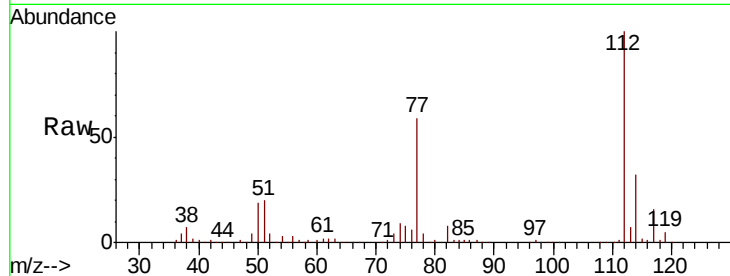




#65
Chlorobenzene
Concen: 19.607 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX004741.D
Acq: 26 Sep 2018 23:44

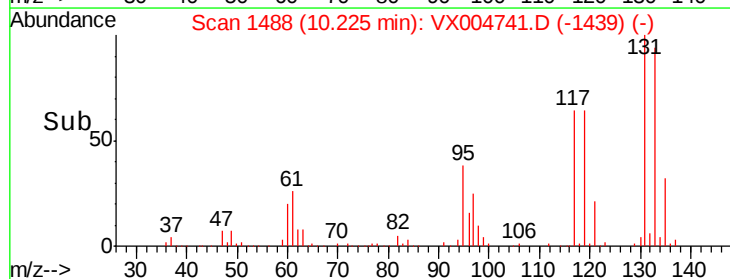
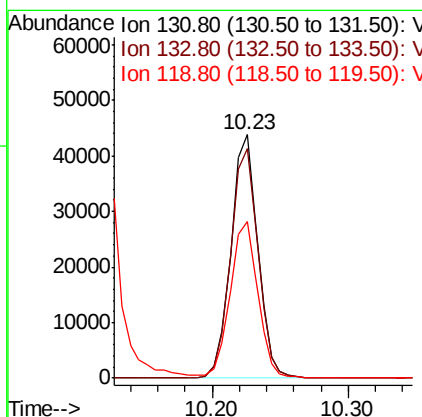
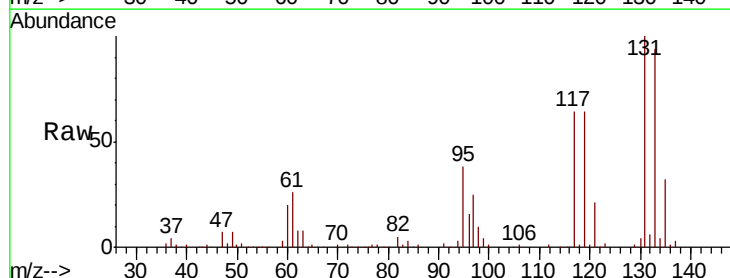
Instrument :
MSVOA_X
ClientSampled :
VX0926WBS02

Tot Ion:112 Resp: 174955
Ion Ratio Lower Upper
112 100
114 32.0 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 19.147 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VX004741.D
Acq: 26 Sep 2018 23:44

Tgt Ion:131 Resp: 60064
Ion Ratio Lower Upper
131 100
133 96.5 48.1 144.4
119 66.8 32.9 98.6

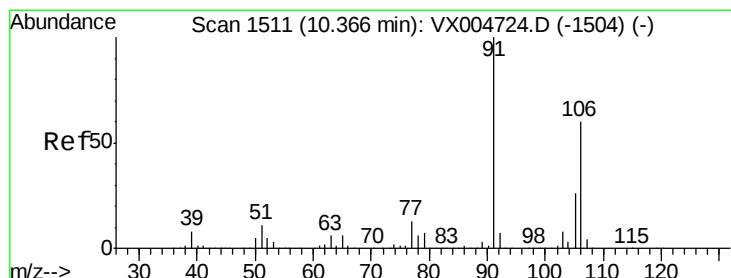
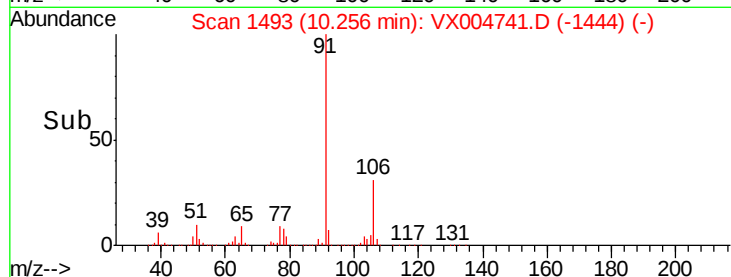
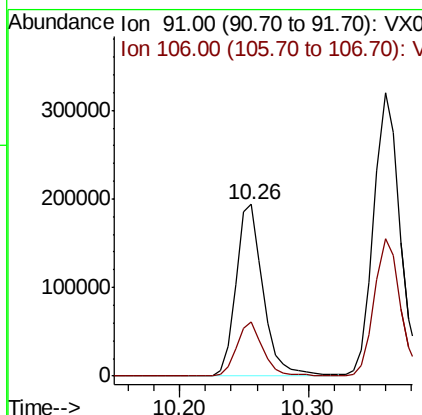
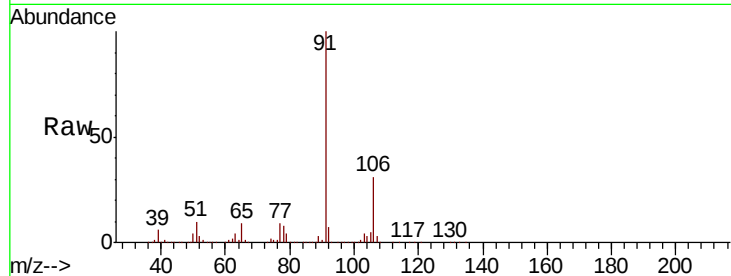




#67
Ethyl Benzene
Concen: 20.103 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VX004741.D
Acq: 26 Sep 2018 23:44

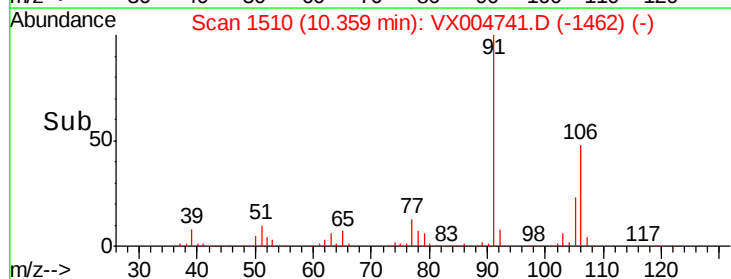
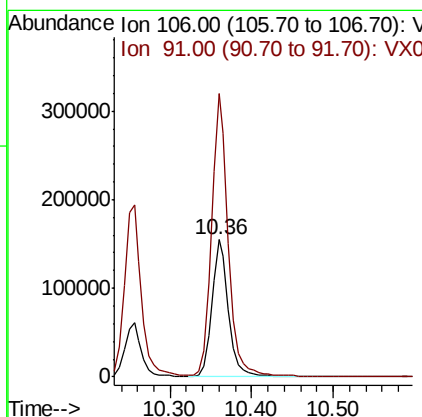
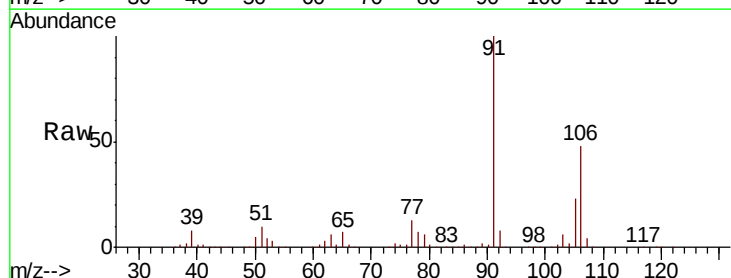
Instrument :
MSVOA_X
ClientSampleId :
VX0926WBS02

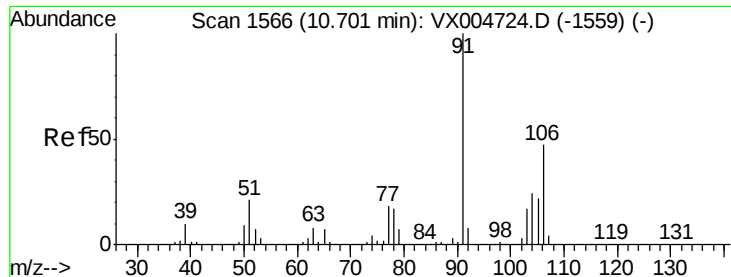
Tot Ion: 91 Resp: 284794
Ion Ratio Lower Upper
91 100
106 31.4 25.9 38.9



#68
m/p-Xylenes
Concen: 40.463 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX004741.D
Acq: 26 Sep 2018 23:44

Tgt Ion: 106 Resp: 224001
Ion Ratio Lower Upper
106 100
91 206.8 157.1 235.7

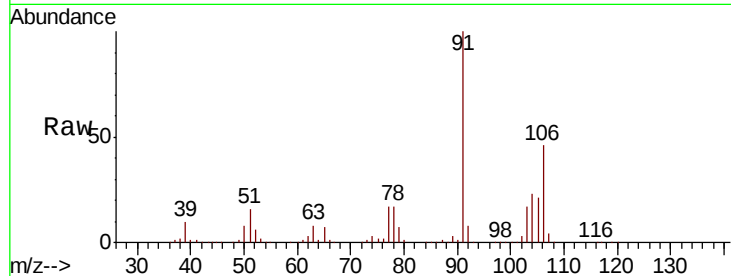




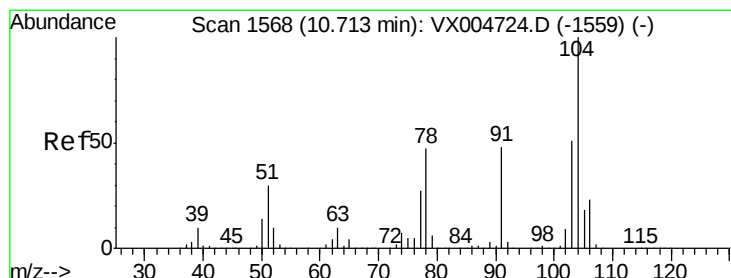
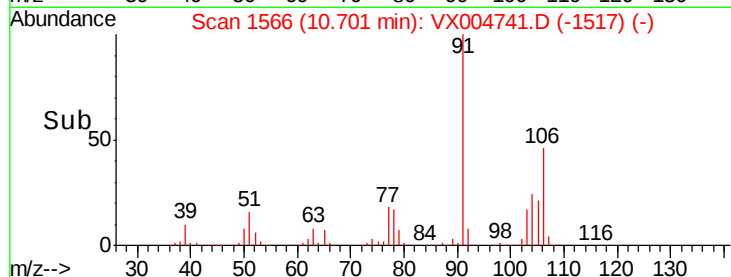
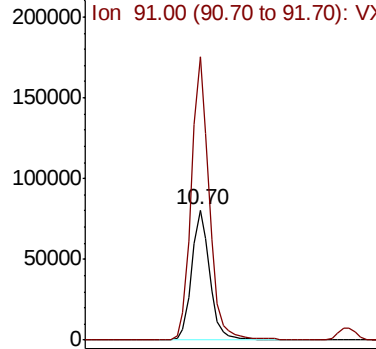
#69
o-Xylene
Concen: 21.224 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004741.D
Acq: 26 Sep 2018 23:44

Instrument :
MSVOA_X
ClientSampleId :
VX0926WBS02

Tot Ion:106 Resp: 107920
Ion Ratio Lower Upper
106 100
91 214.1 105.1 315.1

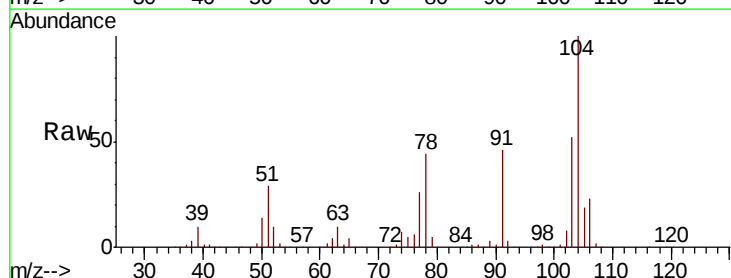


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

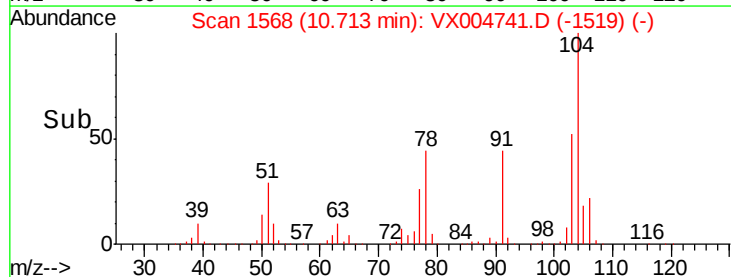
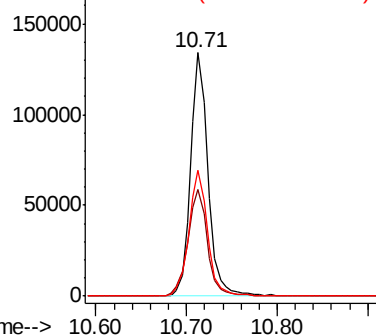


#70
Styrene
Concen: 20.331 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX004741.D
Acq: 26 Sep 2018 23:44

Tgt Ion:104 Resp: 180733
Ion Ratio Lower Upper
104 100
78 49.7 37.4 56.0
103 55.8 43.8 65.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 18.657 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX004741.D

Acq: 26 Sep 2018 23:44

Instrument :

MSVOA_X

ClientSampleId :

VX0926WBS02

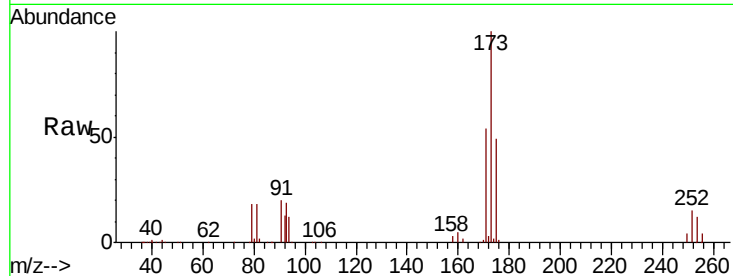
Tot Ion:173 Resp: 50106

Ion Ratio Lower Upper

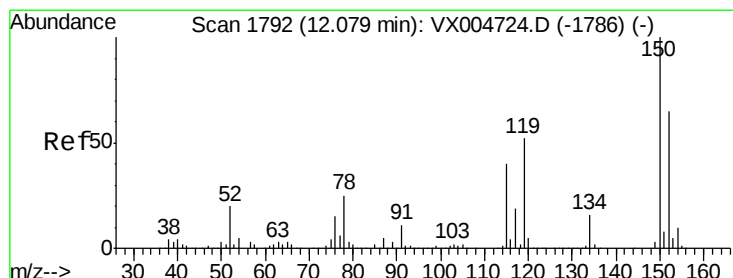
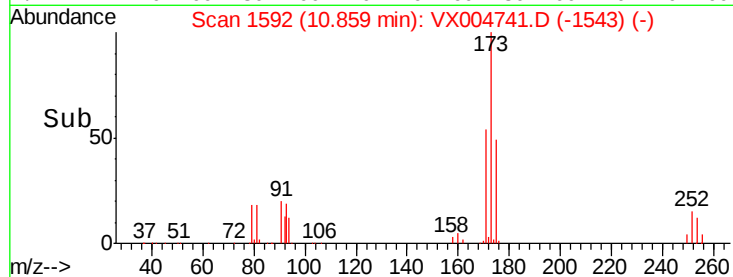
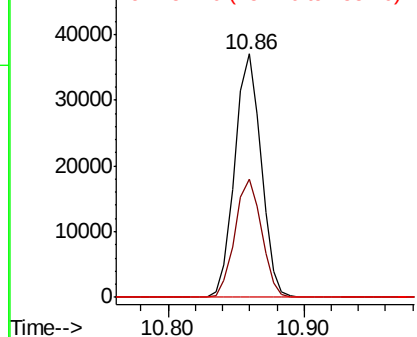
173 100

175 49.1 24.1 72.3

254 0.1 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: VX004741.D

Acq: 26 Sep 2018 23:44

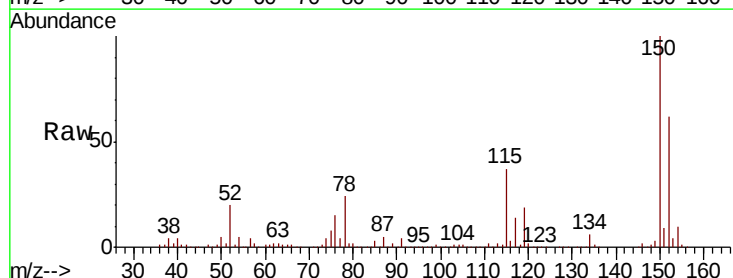
Tgt Ion:152 Resp: 206629

Ion Ratio Lower Upper

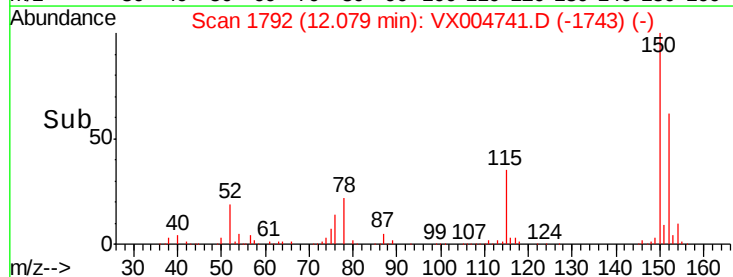
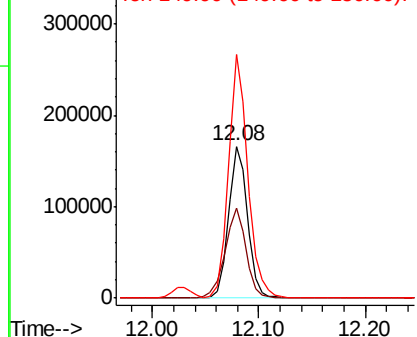
152 100

115 65.4 39.0 117.0

150 163.5 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: 22.253 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX004741.D

Acq: 26 Sep 2018 23:44

Instrument :

MSVOA_X

ClientSampleId :

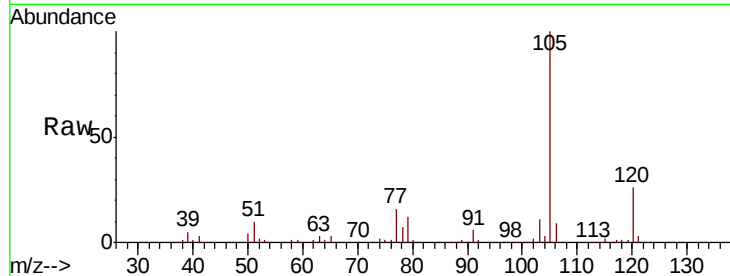
VX0926WBS02

Tot Ion:105 Resp: 289823

Ion Ratio Lower Upper

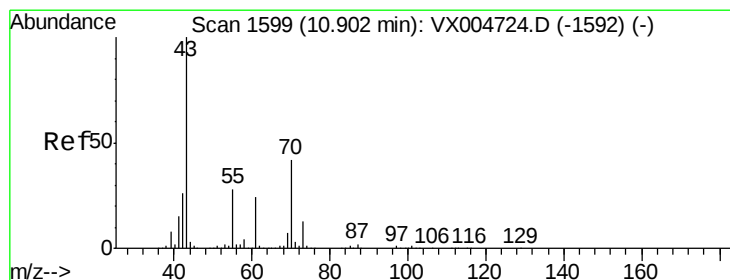
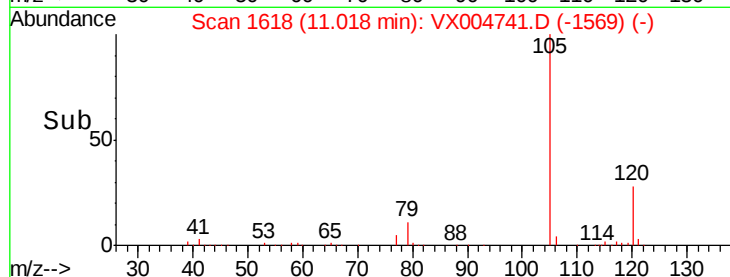
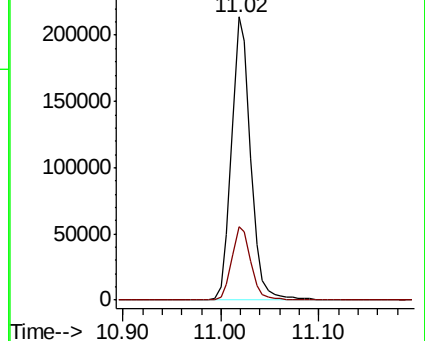
105 100

120 26.3 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.305 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VX004741.D

Acq: 26 Sep 2018 23:44

Tgt Ion: 43 Resp: 137658

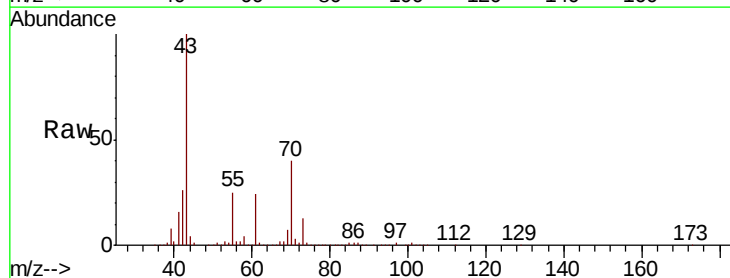
Ion Ratio Lower Upper

43 100

70 39.7 37.4 56.0

55 26.1 21.8 32.8

61 23.3 20.6 30.8

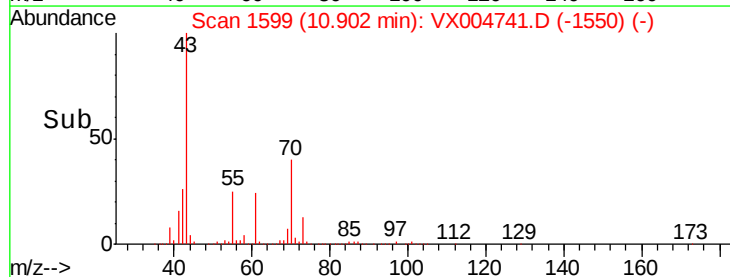
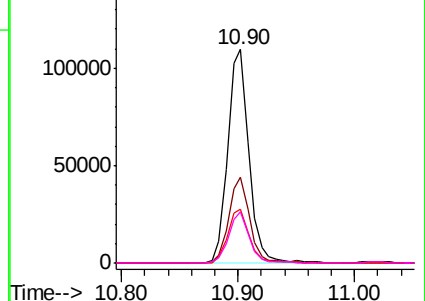


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 20.002 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX004741.D

Acq: 26 Sep 2018 23:44

Instrument :

MSVOA_X

ClientSampled :

VX0926WBS02

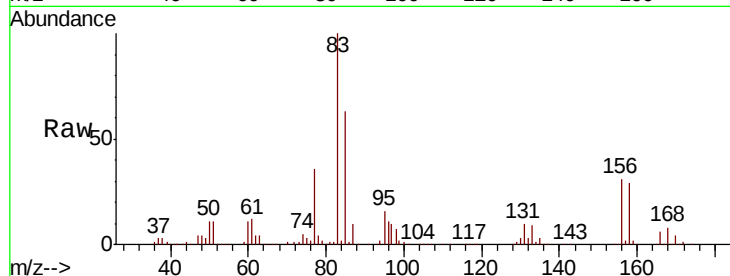
Tot Ion: 83 Resp: 106044

Ion Ratio Lower Upper

83 100

131 10.1 5.2 15.6

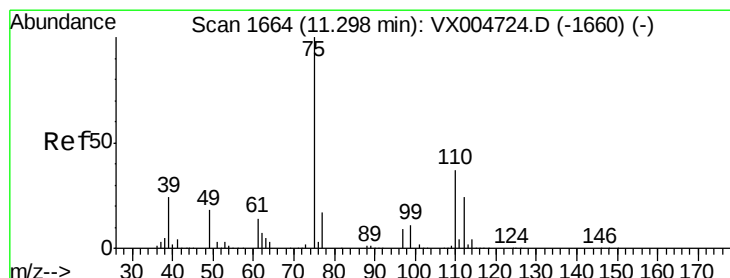
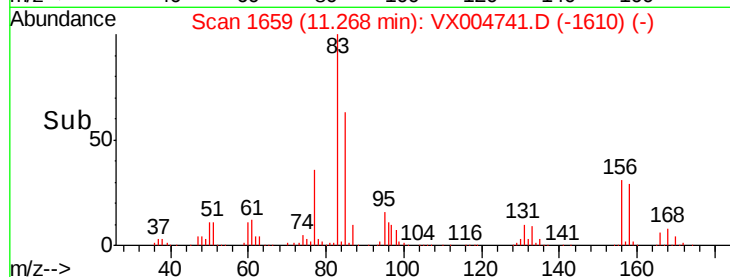
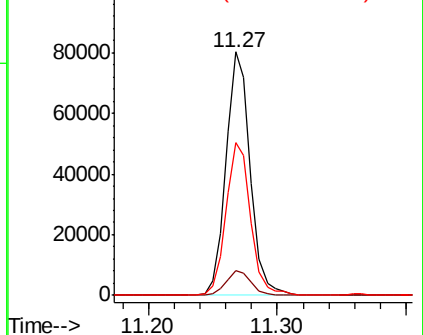
85 63.6 32.3 96.8



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: 25.742 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX004741.D

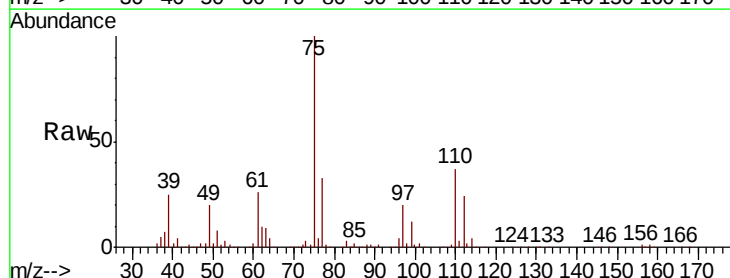
Acq: 26 Sep 2018 23:44

Tgt Ion: 75 Resp: 119218

Ion Ratio Lower Upper

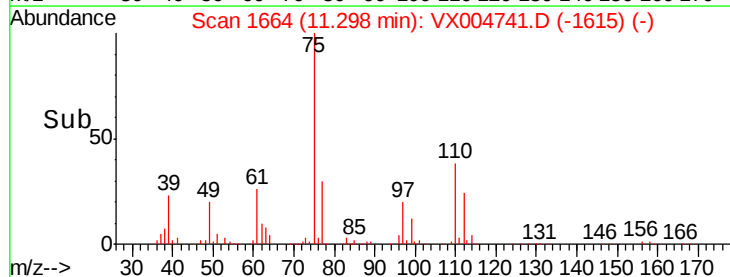
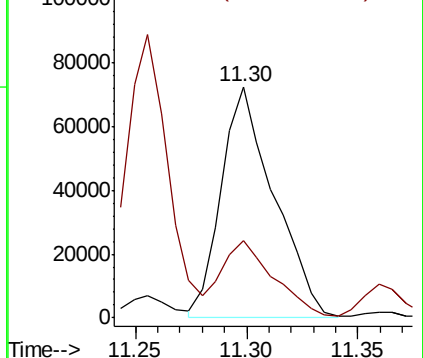
75 100

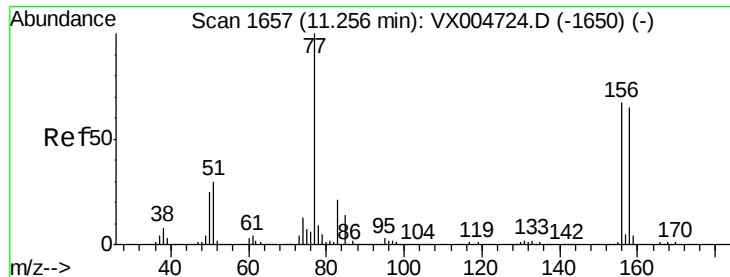
77 33.1 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.811 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX004741.D

Acq: 26 Sep 2018 23:44

Instrument :

MSVOA_X

ClientSampleId :

VX0926WBS02

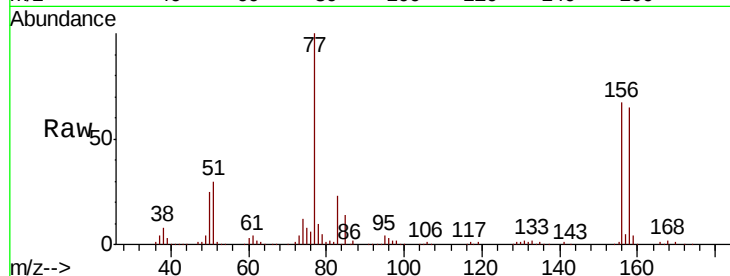
Tot Ion:156 Resp: 78726

Ion Ratio Lower Upper

156 100

77 148.6 71.5 214.3

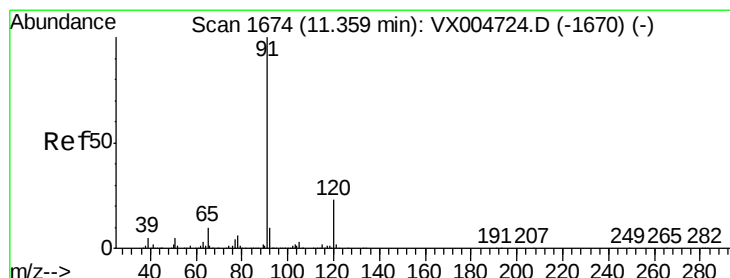
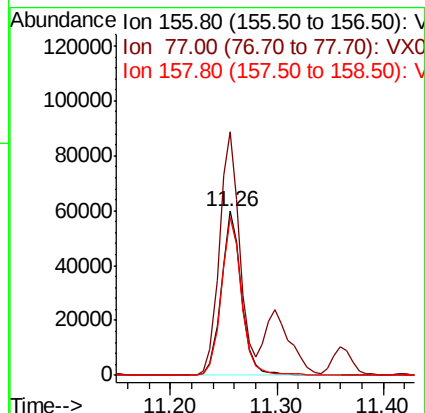
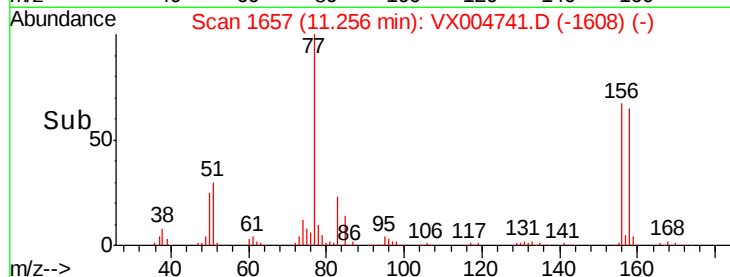
158 96.9 48.9 146.8



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: 22.311 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX004741.D

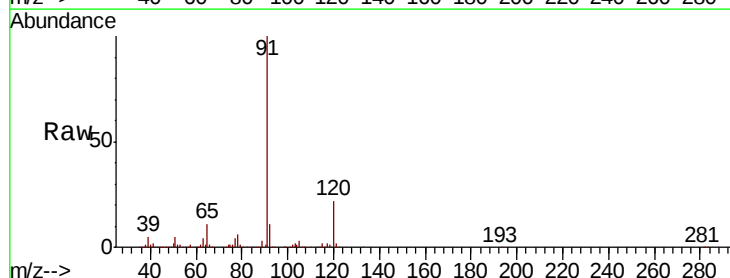
Acq: 26 Sep 2018 23:44

Tgt Ion: 91 Resp: 333403

Ion Ratio Lower Upper

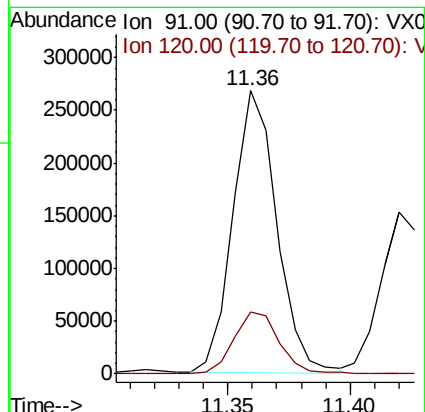
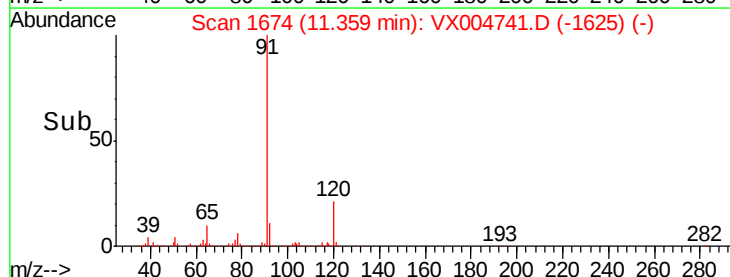
91 100

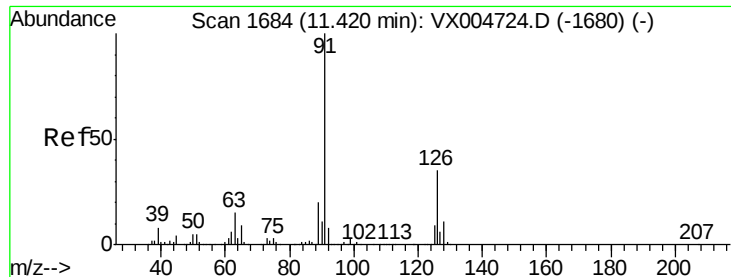
120 23.1 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.792 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX004741.D

Acq: 26 Sep 2018 23:44

Instrument :

MSVOA_X

ClientSampleId :

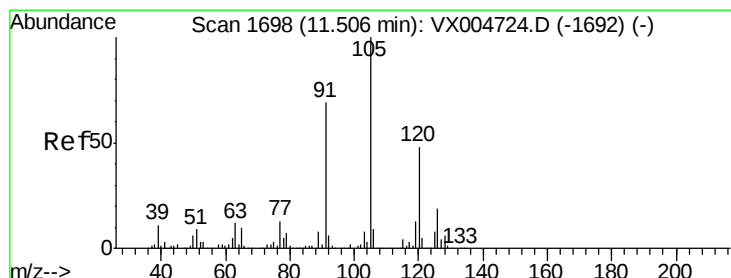
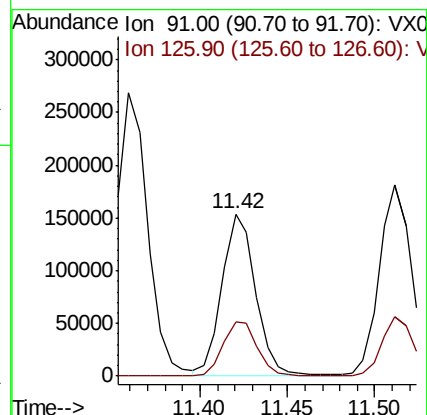
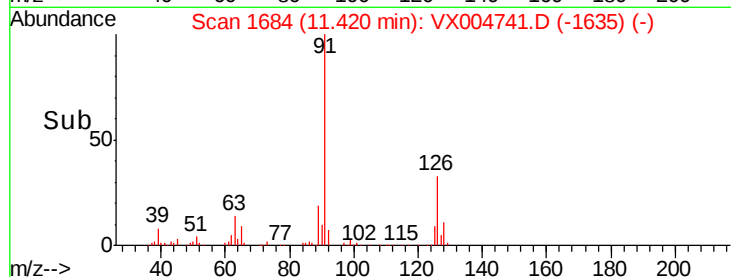
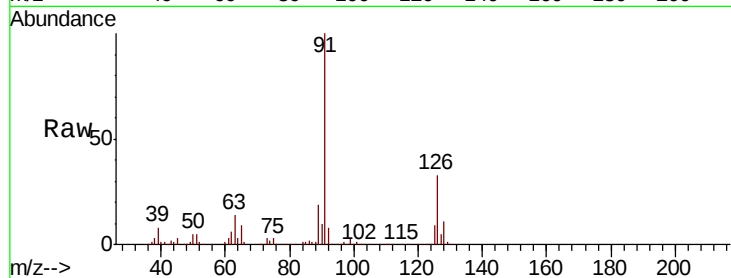
VX0926WBS02

Tot Ion: 91 Resp: 202988

Ion Ratio Lower Upper

91 100

126 35.1 17.9 53.7



#80

1,3,5-Trimethylbenzene

Concen: 20.410 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX004741.D

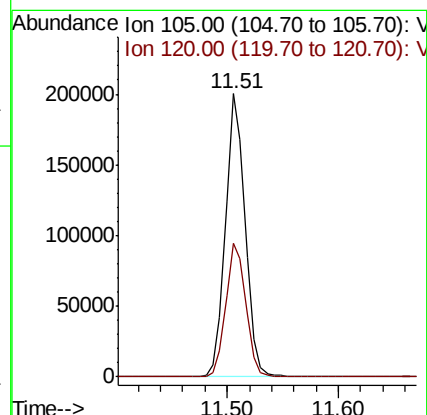
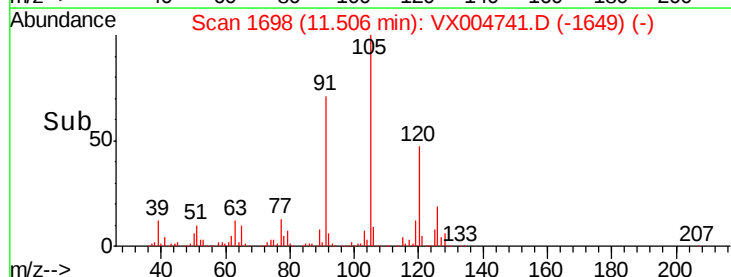
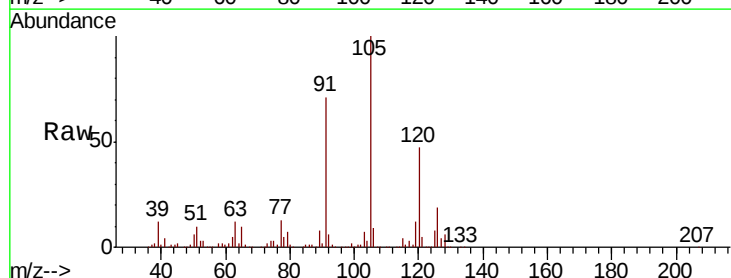
Acq: 26 Sep 2018 23:44

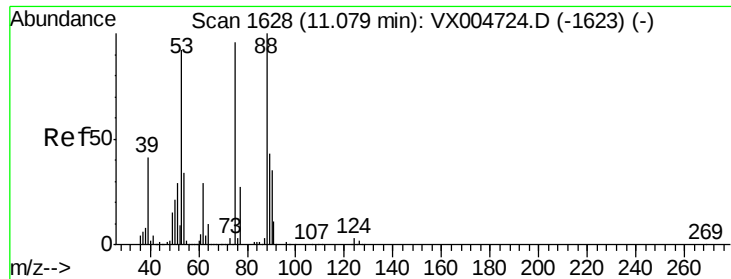
Tgt Ion:105 Resp: 245030

Ion Ratio Lower Upper

105 100

120 48.1 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 16.761 ug/l

RT: 11.08 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VX004741.D

Acq: 26 Sep 2018 23:44

Instrument :

MSVOA_X

ClientSampleId :

VX0926WBS02

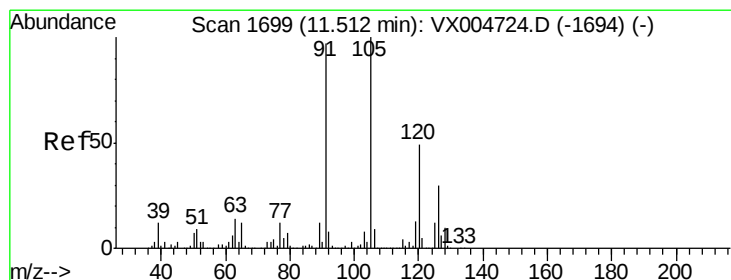
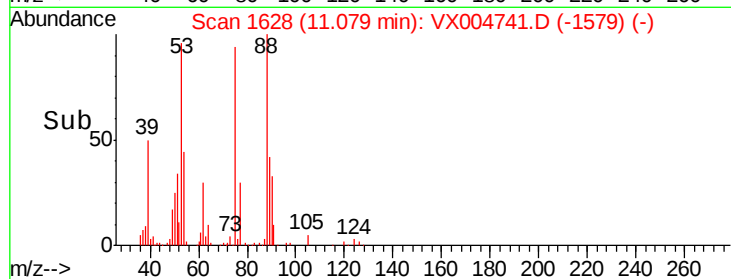
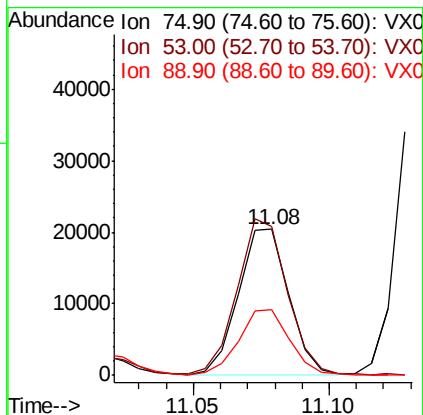
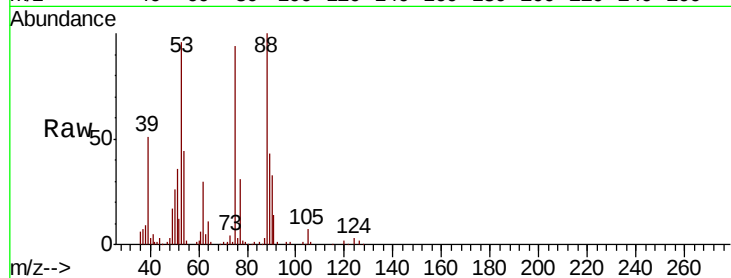
Tot Ion: 75 Resp: 26124

Ion Ratio Lower Upper

75 100

53 107.0 80.1 120.1

89 45.7 37.2 55.8



#82

4-Chlorotoluene

Concen: 21.553 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX004741.D

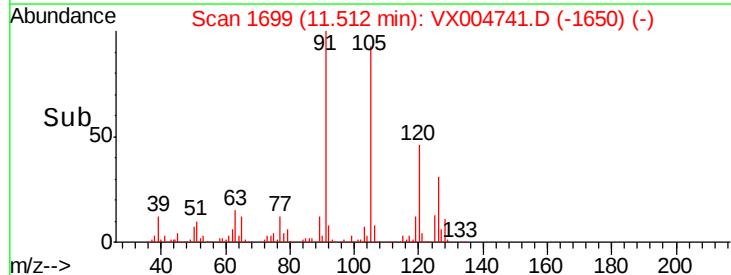
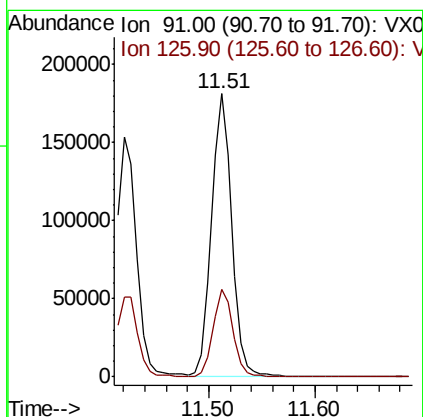
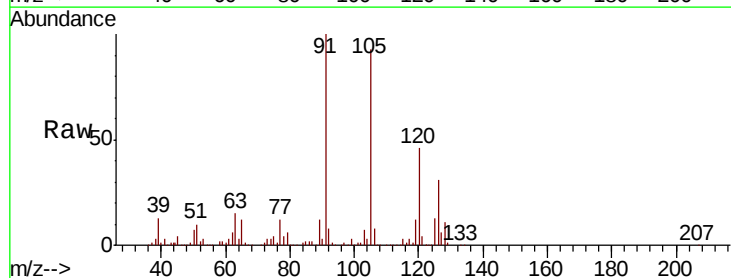
Acq: 26 Sep 2018 23:44

Tgt Ion: 91 Resp: 236299

Ion Ratio Lower Upper

91 100

126 30.5 15.5 46.5

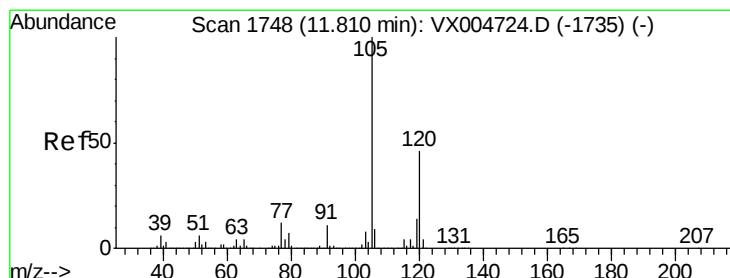
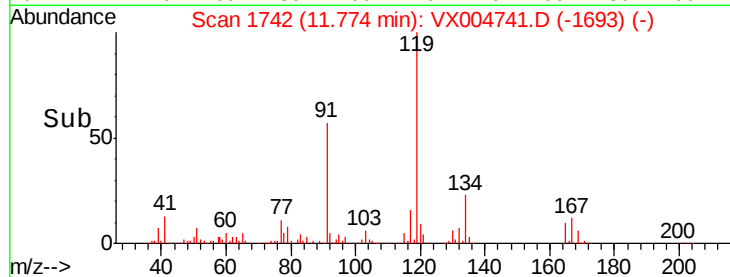
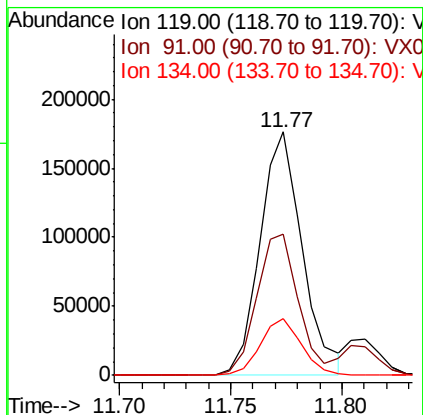
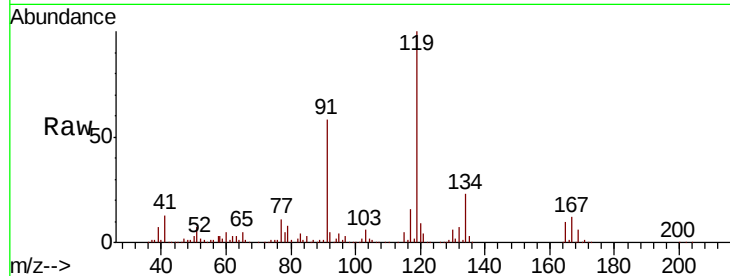




#83
 tert-Butylbenzene
 Concen: 21.670 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX004741.D
 Acq: 26 Sep 2018 23:44

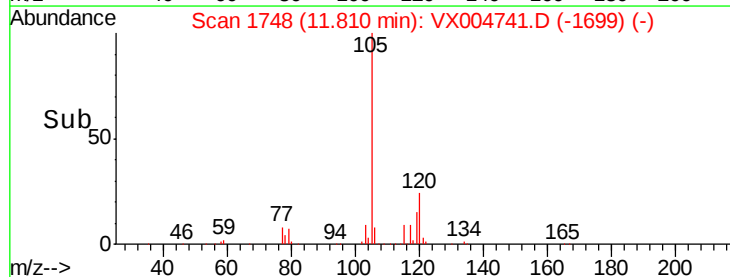
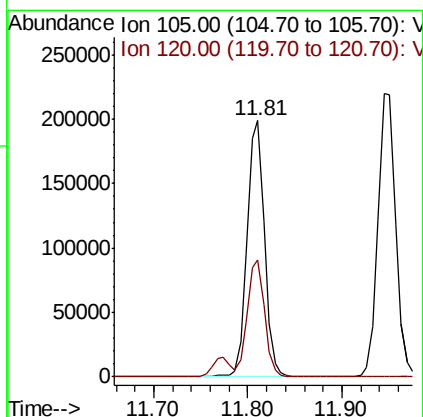
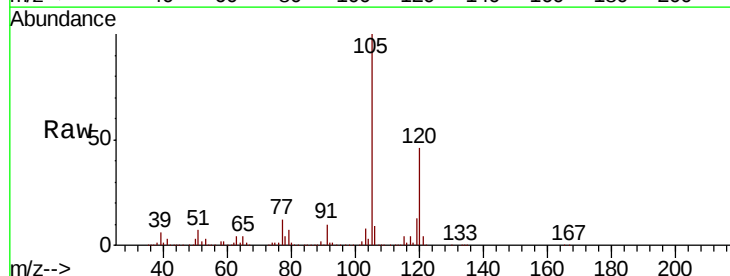
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0926WBS02

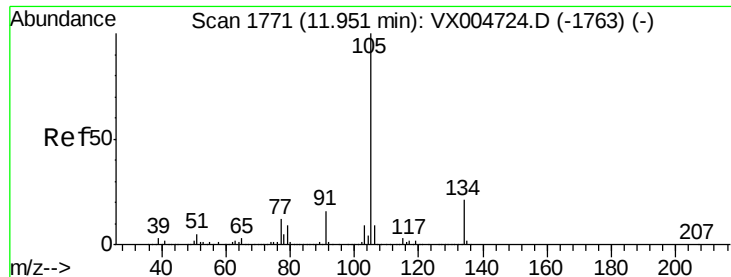
Tot Ion:119 Resp: 232376
 Ion Ratio Lower Upper
 119 100
 91 57.1 27.0 81.0
 134 22.9 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 20.496 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX004741.D
 Acq: 26 Sep 2018 23:44

Tgt Ion:105 Resp: 253751
 Ion Ratio Lower Upper
 105 100
 120 45.2 23.2 69.6





#85

sec-Butylbenzene

Concen: 22.028 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX004741.D

Acq: 26 Sep 2018 23:44

Instrument :

MSVOA_X

ClientSampleId :

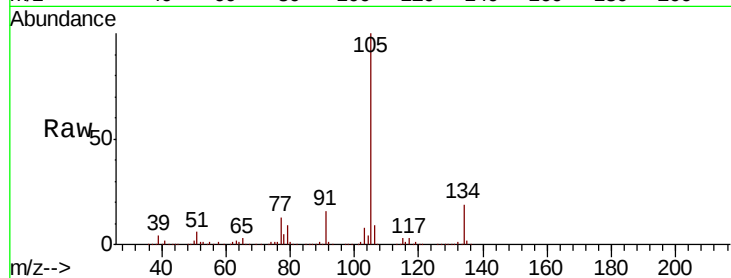
VX0926WBS02

Tot Ion:105 Resp: 287709

Ion Ratio Lower Upper

105 100

134 20.1 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

250000

200000

150000

100000

50000

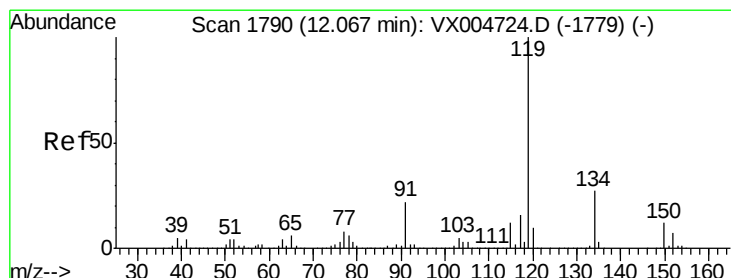
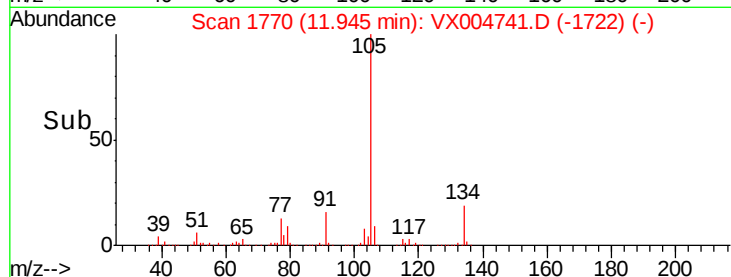
0

11.94

11.90

12.00

Time-->



#86

p-Isopropyltoluene

Concen: 21.539 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX004741.D

Acq: 26 Sep 2018 23:44

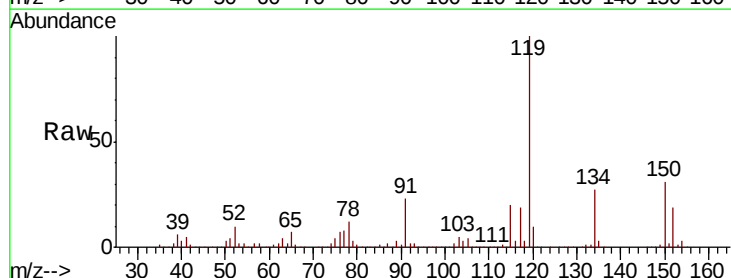
Tgt Ion:119 Resp: 254879

Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.2

91 23.5 10.9 32.7



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

250000

200000

150000

100000

50000

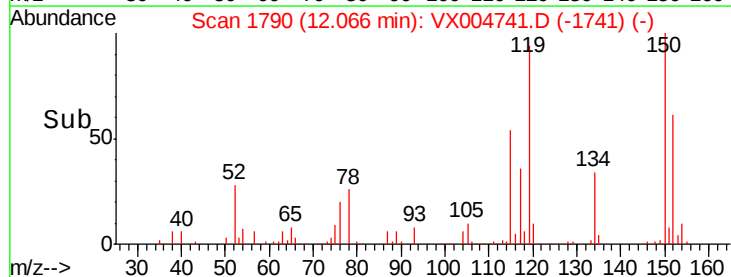
0

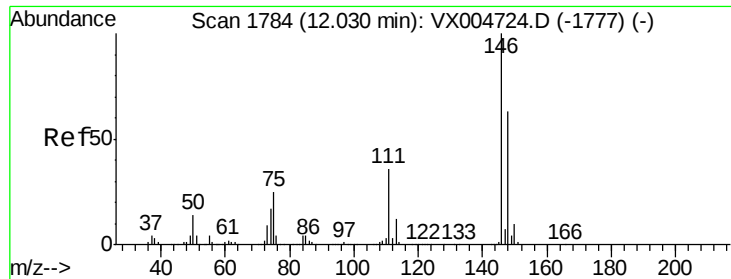
12.07

12.00

12.10

Time-->

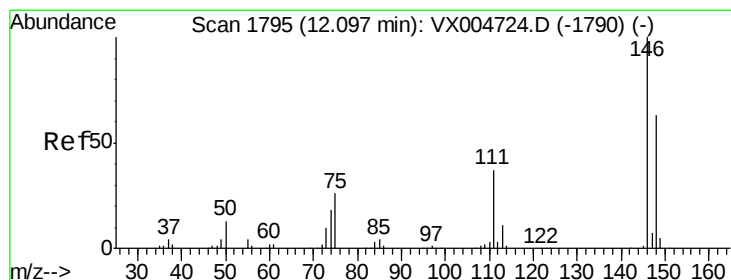
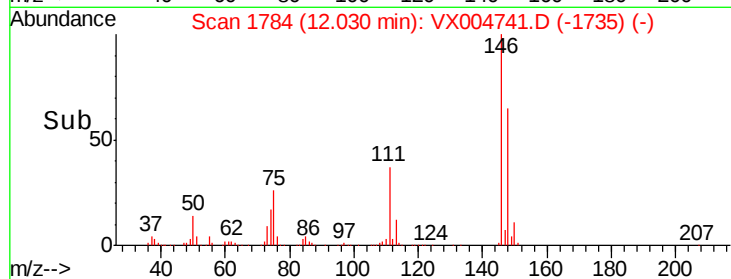
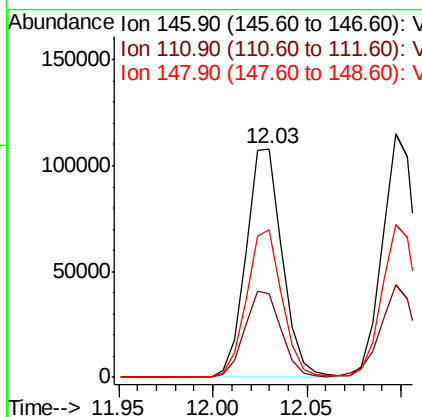
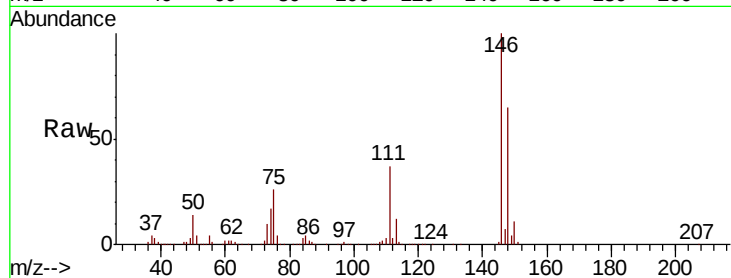




#87
 1,3-Dichlorobenzene
 Concen: 20.360 ug/l
 RT: 12.03 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX004741.D
 Acq: 26 Sep 2018 23:44

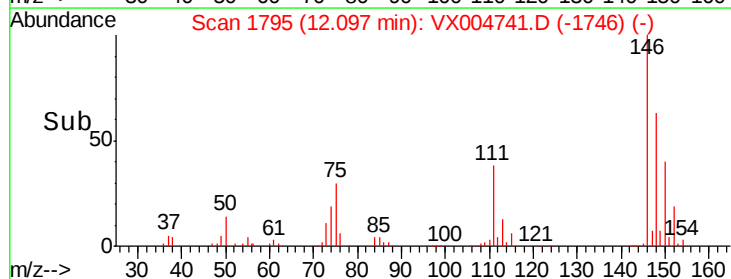
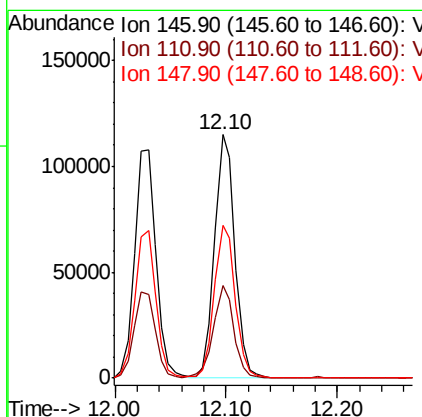
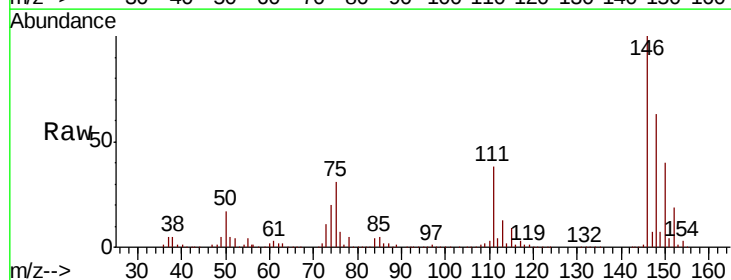
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0926WBS02

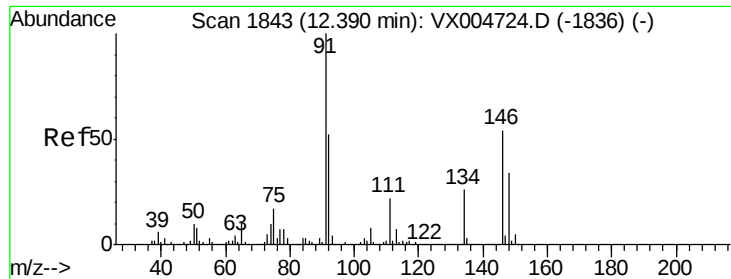
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.7	56.1
148	63.3	32.1	96.5



#88
 1,4-Dichlorobenzene
 Concen: 19.891 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX004741.D
 Acq: 26 Sep 2018 23:44

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	18.1	54.1
148	64.8	32.0	96.0

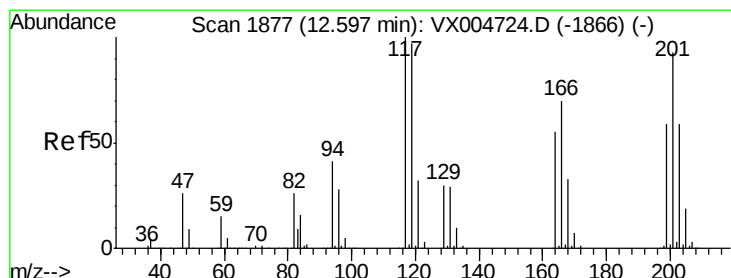
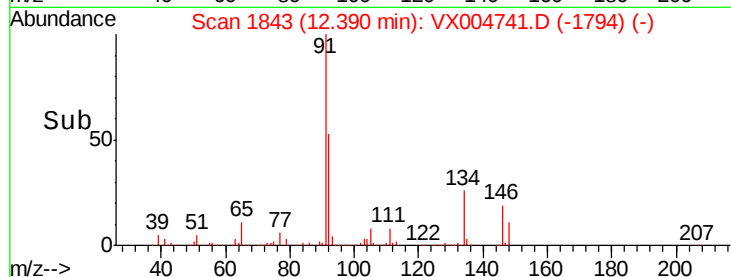
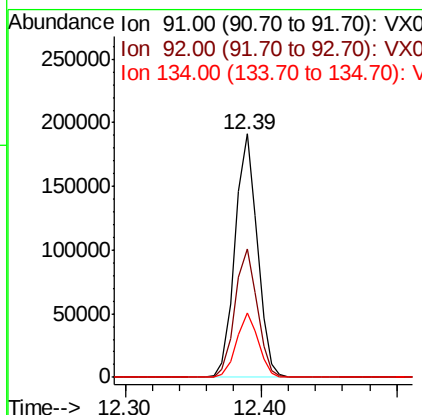
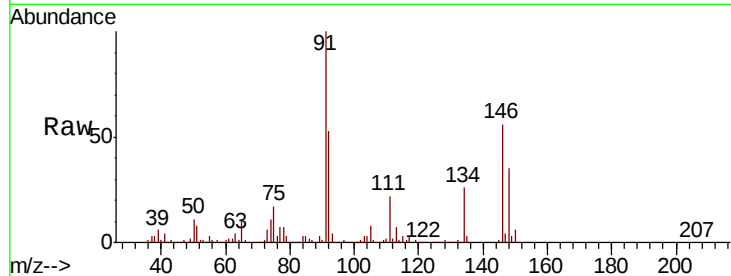




#89
n-Butylbenzene
Concen: 20.332 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX004741.D
Acq: 26 Sep 2018 23:44

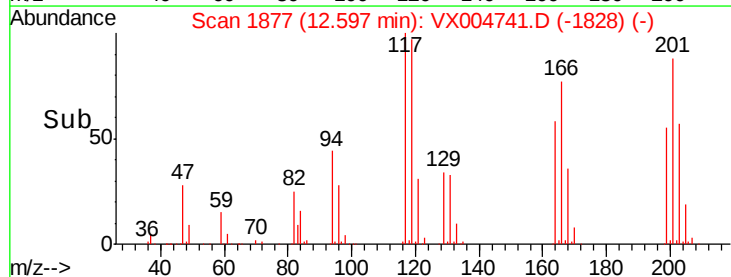
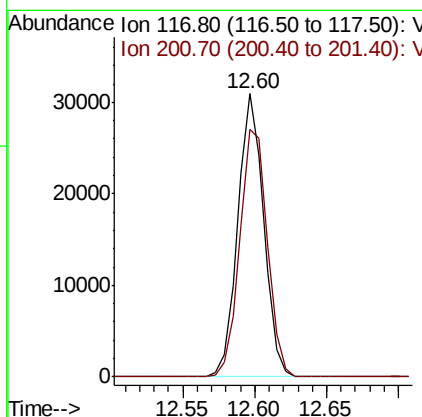
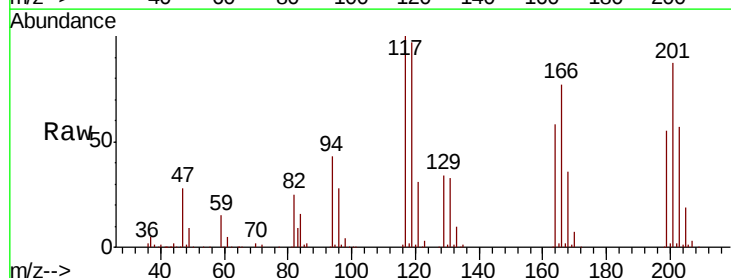
Instrument :
MSVOA_X
ClientSampled :
VX0926WBS02

Tot Ion: 91 Resp: 218511
Ion Ratio Lower Upper
91 100
92 52.8 27.3 81.9
134 25.9 13.6 40.7



#90
Hexachloroethane
Concen: 19.638 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX004741.D
Acq: 26 Sep 2018 23:44

Tgt Ion: 117 Resp: 38692
Ion Ratio Lower Upper
117 100
201 92.6 46.9 140.6





#91

1,2-Dichlorobenzene

Concen: 19.738 ug/l

RT: 12.40 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VX004741.D

Acq: 26 Sep 2018 23:44

Instrument :

MSVOA_X

ClientSampleId :

VX0926WBS02

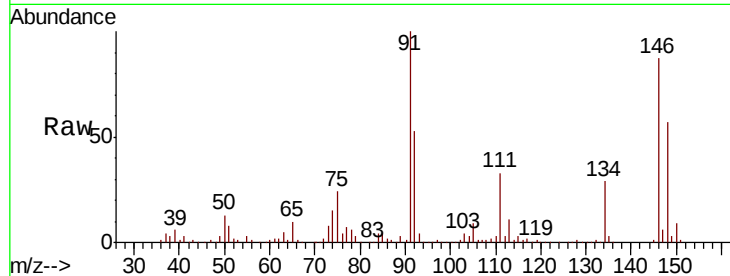
Tot Ion:146 Resp: 145704

Ion Ratio Lower Upper

146 100

111 39.1 19.4 58.1

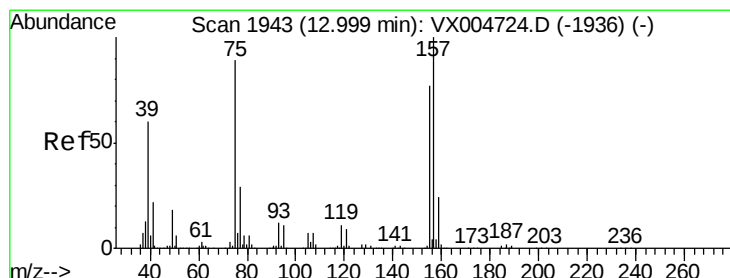
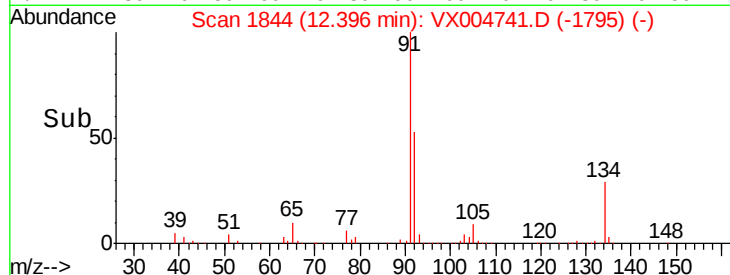
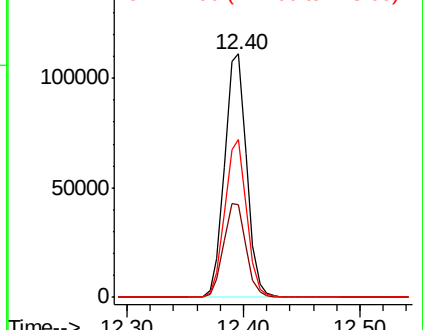
148 64.2 32.8 98.3



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.507 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX004741.D

Acq: 26 Sep 2018 23:44

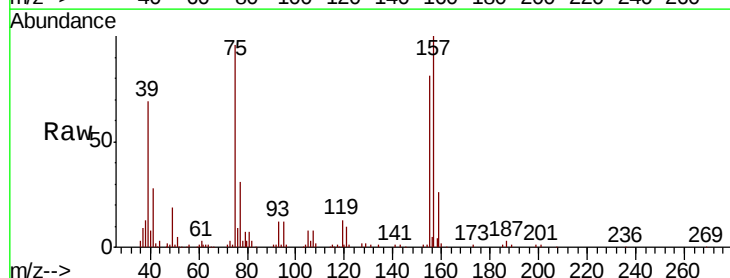
Tgt Ion: 75 Resp: 23872

Ion Ratio Lower Upper

75 100

155 90.0 48.0 144.2

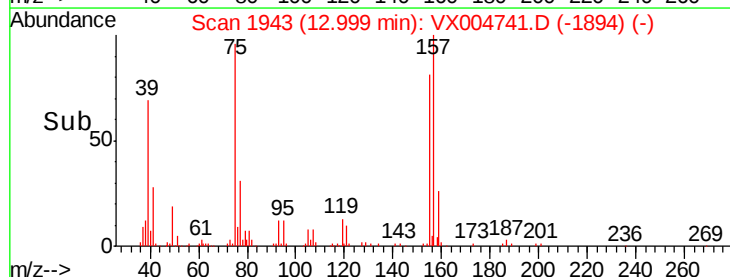
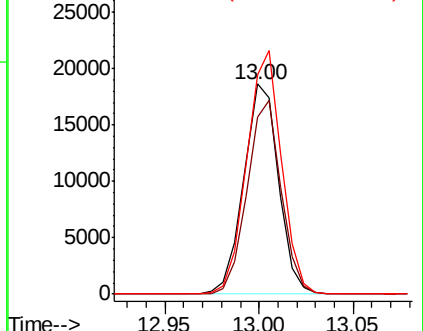
157 115.0 61.4 184.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

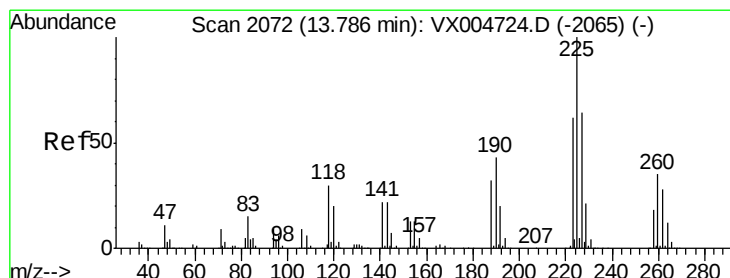
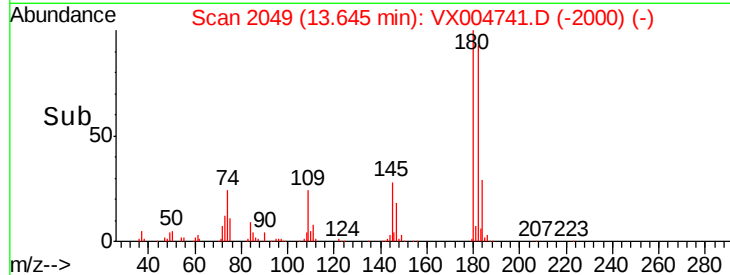
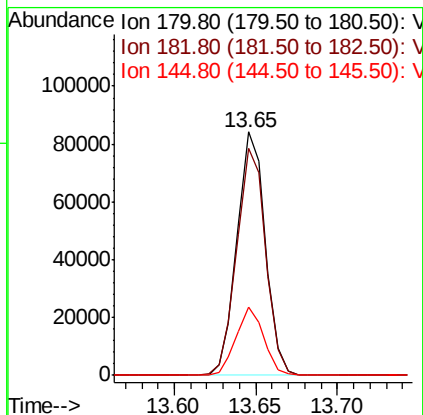
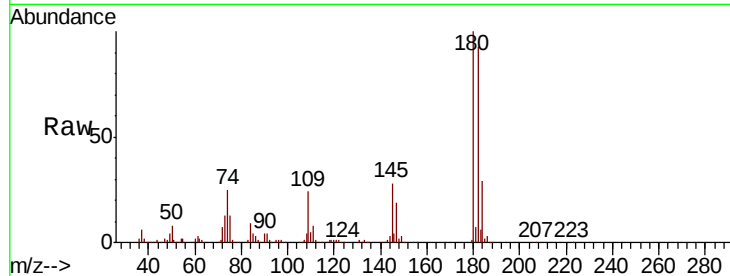




#93
 1,2,4-Trichlorobenzene
 Concen: 19.726 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX004741.D
 Acq: 26 Sep 2018 23:44

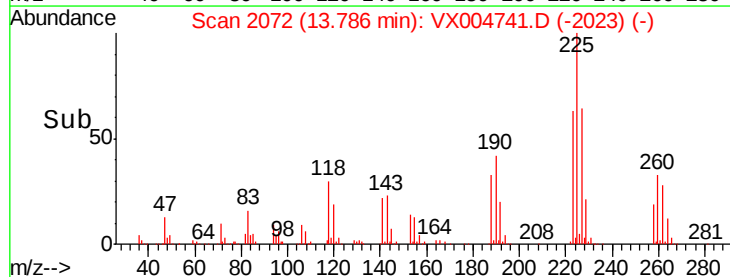
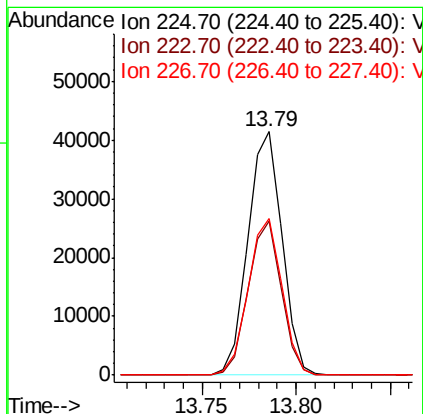
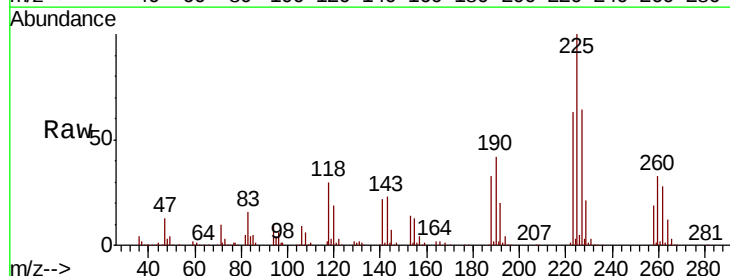
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0926WBS02

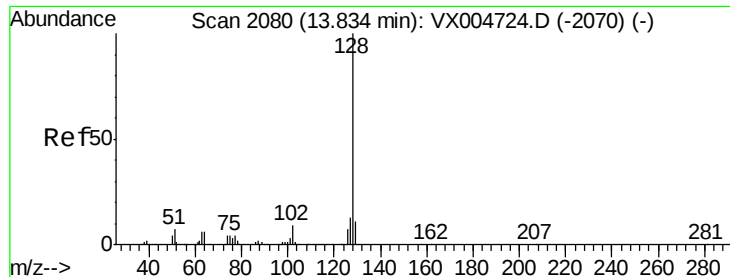
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.9	48.4	145.0
145	27.4	14.3	42.9



#94
 Hexachlorobutadiene
 Concen: 19.334 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX004741.D
 Acq: 26 Sep 2018 23:44

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.6	30.1	90.5
227	63.8	30.8	92.4

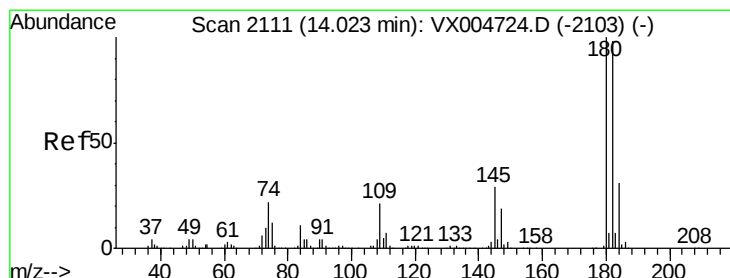
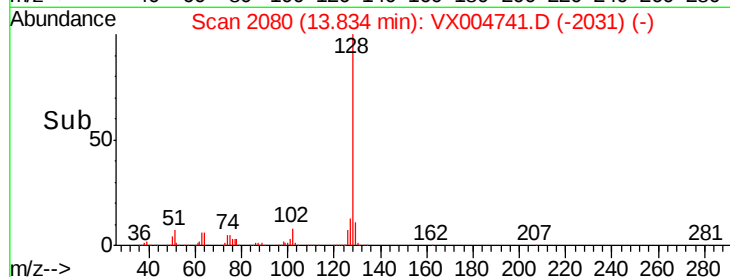
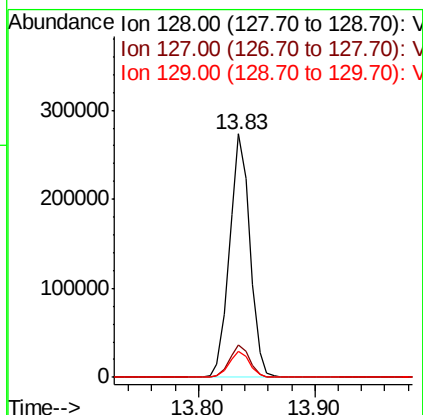
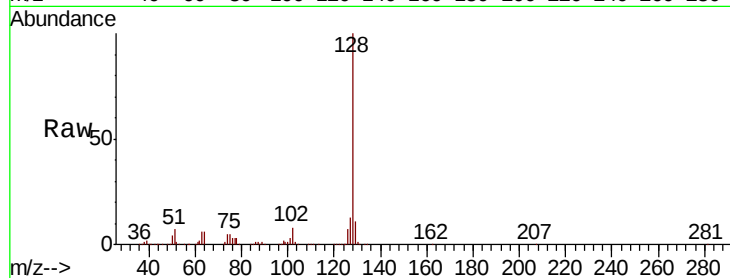




#95
Naphthalene
Concen: 19.773 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX004741.D
Acq: 26 Sep 2018 23:44

Instrument :
MSVOA_X
ClientSampleId :
VX0926WBS02

Tot Ion:128 Resp: 332261
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.2
129 10.8 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 20.108 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. -0.00 min
Lab File: VX004741.D
Acq: 26 Sep 2018 23:44

Tgt Ion:180 Resp: 107567
Ion Ratio Lower Upper
180 100
182 95.0 48.5 145.6
145 30.4 14.9 44.9

