

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102218\
 Data File : VX005468.D
 Acq On : 22 Oct 2018 14:19
 Operator : JC/MD
 Sample : VX1022WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1022WBS01

Quant Time: Oct 23 01:25:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	246035	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	338959	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	294405	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	170557	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	135616	49.66	ug/l	-0.01
Spiked Amount			Recovery	=	99.32%	
35) Dibromofluoromethane	5.50	113	110658	49.29	ug/l	0.00
Spiked Amount			Recovery	=	98.58%	
50) Toluene-d8	8.71	98	389122	50.49	ug/l	0.00
Spiked Amount			Recovery	=	100.98%	
62) 4-Bromofluorobenzene	11.14	95	148980	51.46	ug/l	0.00
Spiked Amount			Recovery	=	102.92%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	40845	21.233	ug/l	96
3) Chloromethane	1.32	50	50898	18.260	ug/l	95
4) Vinyl Chloride	1.40	62	48919	17.325	ug/l	89
5) Bromomethane	1.64	94	32621	20.801	ug/l	86
6) Chloroethane	1.71	64	34301	19.572	ug/l	100
7) Trichlorofluoromethane	1.92	101	75569	20.055	ug/l	99
8) Diethyl Ether	2.19	74	29789	18.513	ug/l	80
9) 1,1,2-Trichlorotrifluoroet	2.38	101	45084	20.729	ug/l	95
10) Methyl Iodide	2.51	142	45488	20.614	ug/l	98
11) Tert butyl alcohol	3.07	59	81186	105.400	ug/l	99
12) 1,1-Dichloroethene	2.37	96	41354	19.191	ug/l	86
13) Acrolein	2.29	56	33430	66.425	ug/l	93
14) Allyl chloride	2.73	41	95908	20.272	ug/l	96
15) Acrylonitrile	3.15	53	177278	101.564	ug/l	97
16) Acetone	2.45	43	160880	101.900	ug/l #	86
17) Carbon Disulfide	2.56	76	114083	17.477	ug/l	98
18) Methyl Acetate	2.78	43	99647	22.185	ug/l	91
19) Methyl tert-butyl Ether	3.20	73	156690	20.646	ug/l	100
20) Methylene Chloride	2.85	84	49526	20.764	ug/l	87
21) trans-1,2-Dichloroethene	3.16	96	44731	18.731	ug/l	94
22) Diisopropyl ether	3.86	45	177863	22.383	ug/l #	77
23) Vinyl Acetate	3.82	43	745683	107.363	ug/l	95
24) 1,1-Dichloroethane	3.69	63	92005	20.202	ug/l	97
25) 2-Butanone	4.71	43	234922	101.699	ug/l #	87
26) 2,2-Dichloropropane	4.59	77	73703	21.639	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	49642	19.128	ug/l	82
28) Bromochloromethane	5.01	49	46211	22.258	ug/l	94
29) Tetrahydrofuran	5.15	42	157949	107.195	ug/l	92
30) Chloroform	5.21	83	92262	21.826	ug/l	95
31) Cyclohexane	5.57	56	72957	19.437	ug/l #	81
32) 1,1,1-Trichloroethane	5.50	97	76805	20.882	ug/l	98
36) 1,1-Dichloropropene	5.80	75	59664	18.175	ug/l	97
37) Ethyl Acetate	4.85	43	87543	20.736	ug/l	98
38) Carbon Tetrachloride	5.78	117	63744	19.325	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	64657	18.198	ug/l	91
40) Benzene	6.15	78	182338	18.516	ug/l	95
41) Methacrylonitrile	5.06	41	46285	20.450	ug/l	96
42) 1,2-Dichloroethane	6.20	62	67025	19.275	ug/l	98
43) Isopropyl Acetate	6.46	43	118110	21.002	ug/l	95
44) Trichloroethene	7.21	130	47627	18.550	ug/l	93
45) 1,2-Dichloropropane	7.52	63	48205	19.955	ug/l	100
46) Dibromomethane	7.66	93	30407	19.072	ug/l	99
47) Bromodichloromethane	7.90	83	59656	20.229	ug/l	98
48) Methyl methacrylate	7.77	41	58908	20.196	ug/l	94
49) 1,4-Dioxane	7.75	88	25620	380.826	ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	411977	105.798	ug/l	93
52) Toluene	8.79	92	109021	20.236	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	65145	20.412	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	70850	20.488	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	46809	20.513	ug/l	94
56) Ethyl methacrylate	9.18	69	67985	20.437	ug/l	93
57) 1,3-Dichloropropane	9.37	76	77561	20.364	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	195729	104.913	ug/l	94
59) 2-Hexanone	9.49	43	328259	104.797	ug/l	92
60) Dibromochloromethane	9.59	129	48704	20.648	ug/l	99
61) 1,2-Dibromoethane	9.67	107	48552	20.274	ug/l	98
64) Tetrachloroethene	9.34	164	49846	21.031	ug/l	95
65) Chlorobenzene	10.14	112	125245	20.000	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.22	131	46694	20.924	ug/l	99
67) Ethyl Benzene	10.25	91	210149	20.642	ug/l	96
68) m/p-Xylenes	10.36	106	163485	41.374	ug/l	93
69) o-Xylene	10.70	106	77645	20.375	ug/l	95
70) Styrene	10.71	104	131910	21.044	ug/l	97
71) Bromoform	10.86	173	39094	19.603	ug/l #	98
73) Isopropylbenzene	11.02	105	219437	21.643	ug/l	99
74) N-amyl acetate	10.90	43	101605	20.777	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	76408	19.977	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	87253	26.374	ug/l	88
77) Bromobenzene	11.26	156	59468	20.513	ug/l	100
78) n-propylbenzene	11.36	91	253751	21.749	ug/l	98
79) 2-Chlorotoluene	11.42	91	151511	21.204	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	185915	21.412	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	21426	19.678	ug/l	96
82) 4-Chlorotoluene	11.51	91	179230	21.159	ug/l	100
83) tert-Butylbenzene	11.77	119	182768	20.787	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	191603	21.444	ug/l	97
85) sec-Butylbenzene	11.94	105	224601	21.586	ug/l	99
86) p-Isopropyltoluene	12.07	119	202239	21.504	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	110274	20.356	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	112389	20.280	ug/l	98
89) n-Butylbenzene	12.39	91	179430	21.013	ug/l	97
90) Hexachloroethane	12.60	117	31360	19.349	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	111116	20.100	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	18342	19.660	ug/l	95

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VX1022WBS01

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Quant Title : SW846 8260
QLast Update : Fri Oct 12 11:28:43 2018
Response via : Initial Calibration

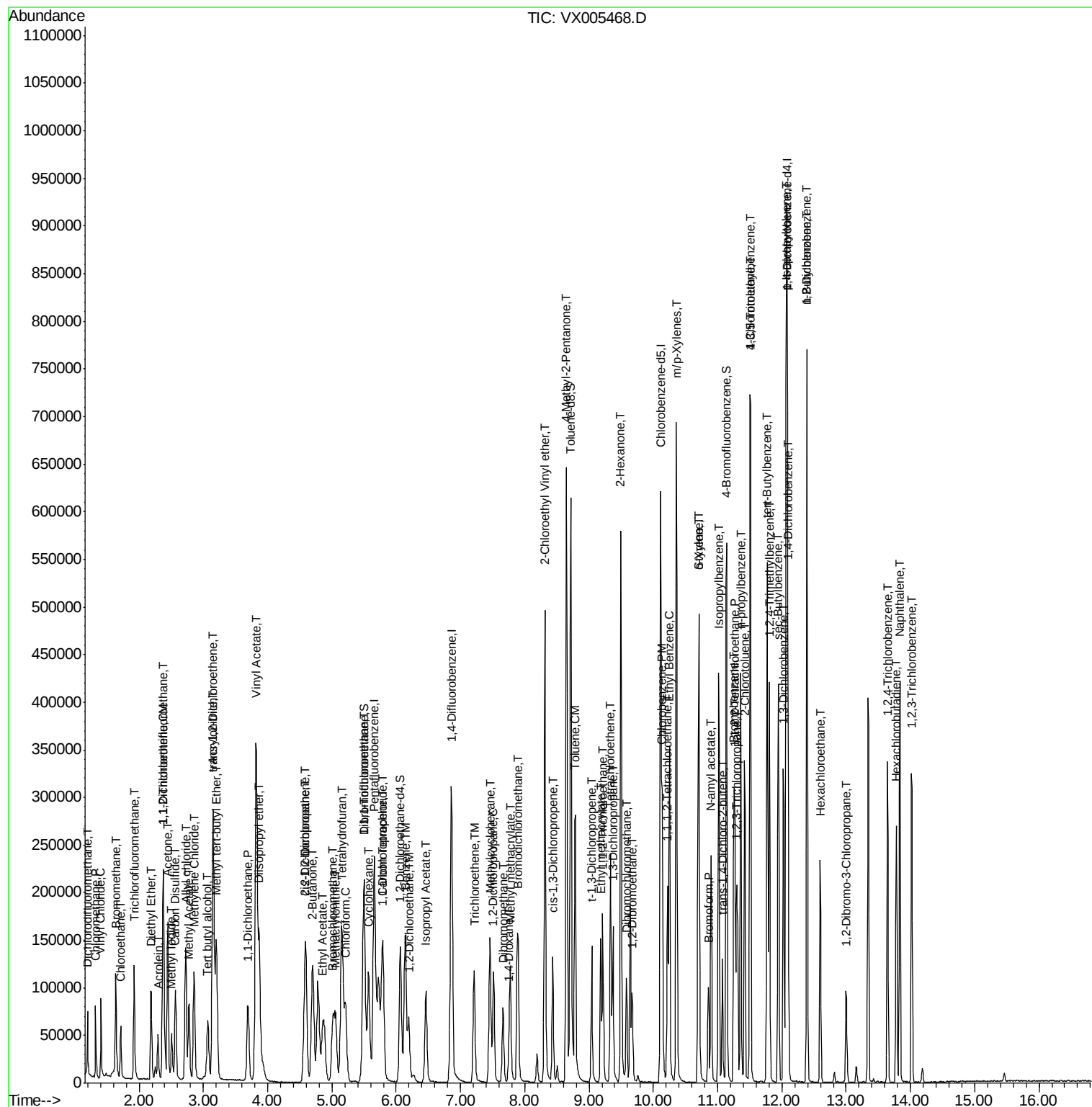
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	83197	20.513	ug/l	99
94) Hexachlorobutadiene	13.79	225	42991	20.070	ug/l	97
95) Naphthalene	13.83	128	246096	20.922	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	85763	20.666	ug/l	99

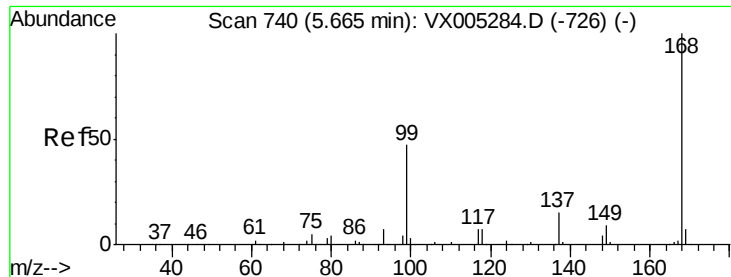
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX102218\
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX005468.D

Acq: 22 Oct 2018 14:19

Instrument :

MSVOA_X

ClientSampled :

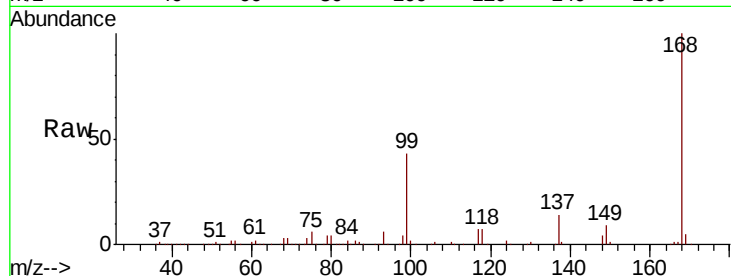
VX1022WBS01

Tot Ion:168 Resp: 246035

Ion Ratio Lower Upper

168 100

99 43.2 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

100000

80000

60000

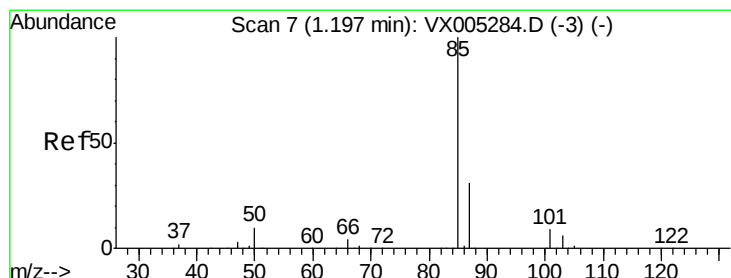
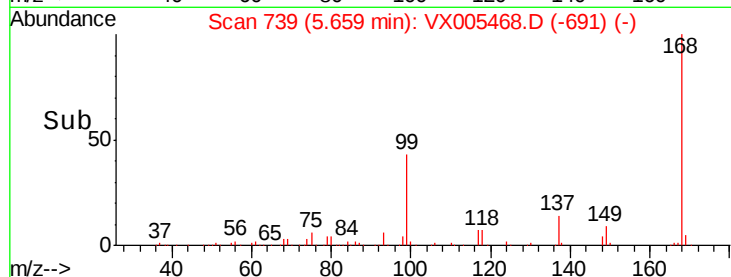
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 21.233 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX005468.D

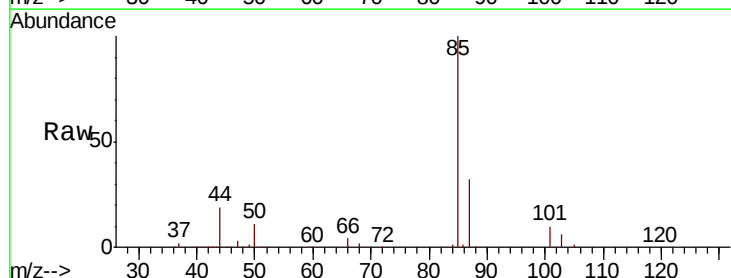
Acq: 22 Oct 2018 14:19

Tgt Ion: 85 Resp: 40845

Ion Ratio Lower Upper

85 100

87 31.6 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

40000

30000

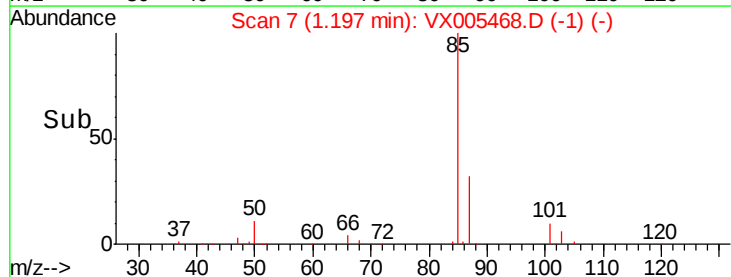
20000

10000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 18.260 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX005468.D

Acq: 22 Oct 2018 14:19

Instrument :

MSVOA_X

ClientSampled :

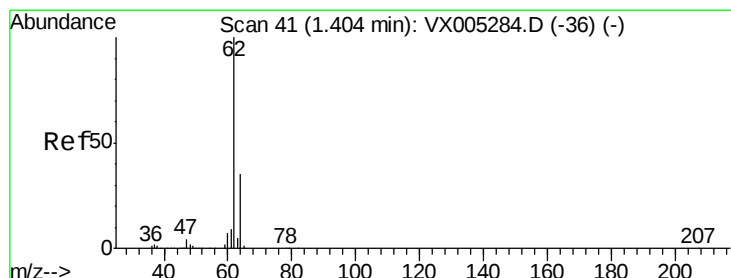
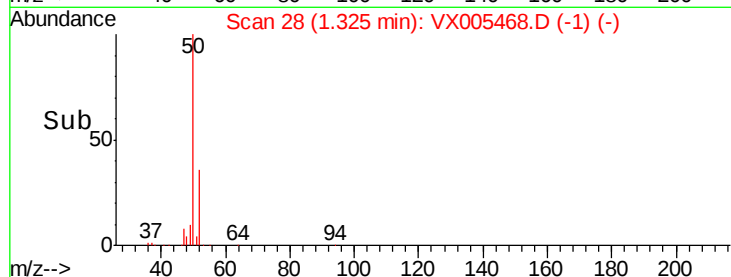
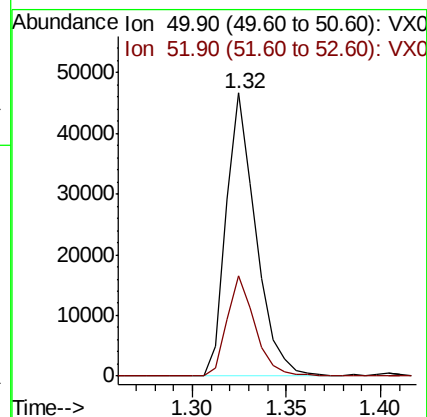
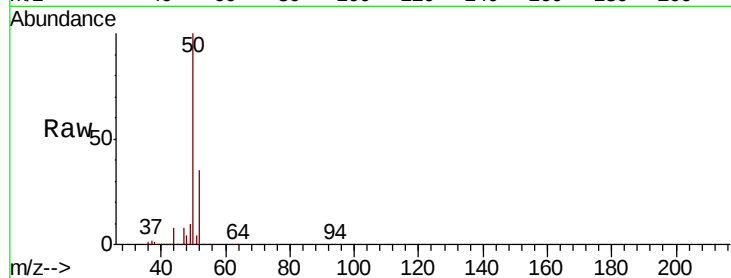
VX1022WBS01

Tot Ion: 50 Resp: 50898

Ion Ratio Lower Upper

50 100

52 35.5 26.2 39.2



#4

Vinyl Chloride

Concen: 17.325 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX005468.D

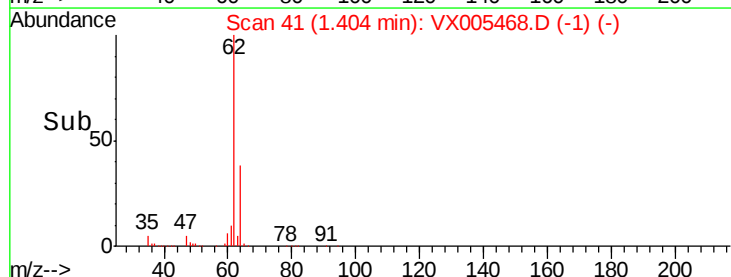
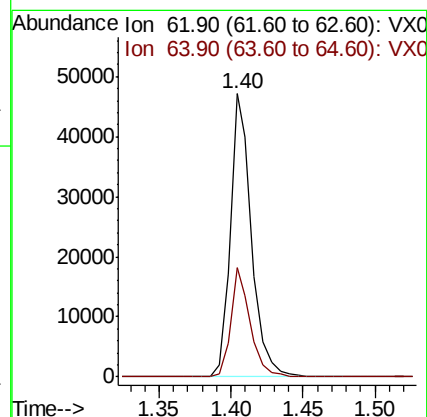
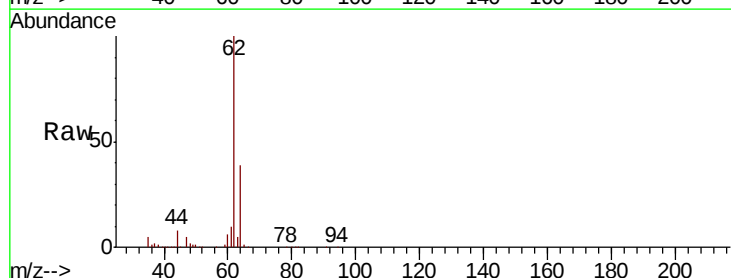
Acq: 22 Oct 2018 14:19

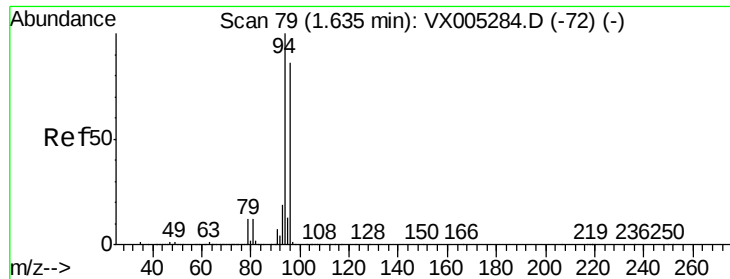
Tgt Ion: 62 Resp: 48919

Ion Ratio Lower Upper

62 100

64 38.6 25.8 38.8





#5

Bromomethane

Concen: 20.801 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX005468.D

Acq: 22 Oct 2018 14:19

Instrument :

MSVOA_X

ClientSampleId :

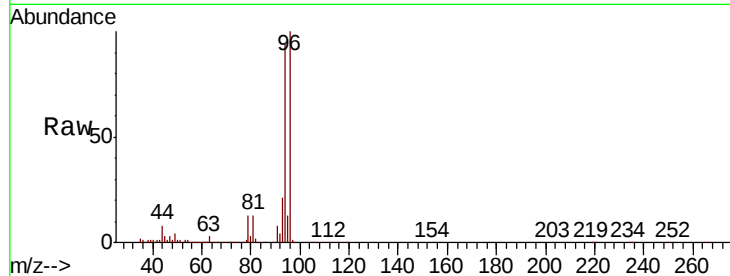
VX1022WBS01

Tot Ion: 94 Resp: 32621

Ion Ratio Lower Upper

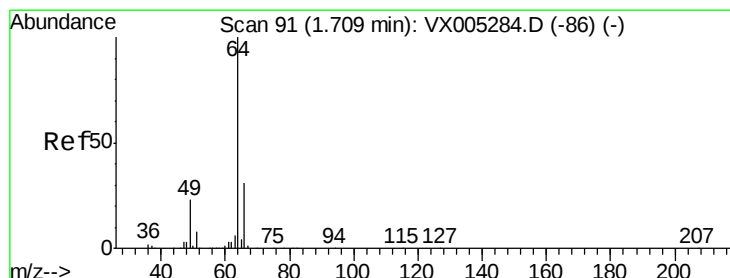
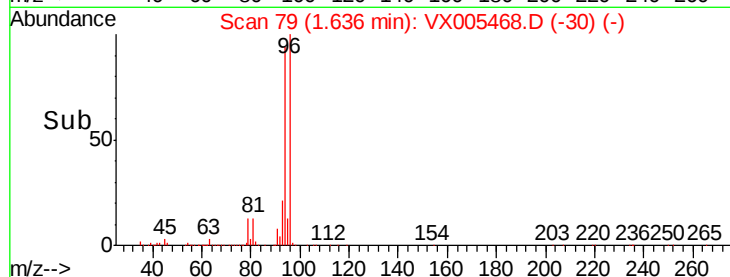
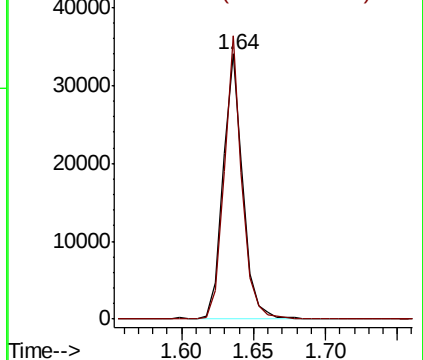
94 100

96 106.7 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: 19.572 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.01 min

Lab File: VX005468.D

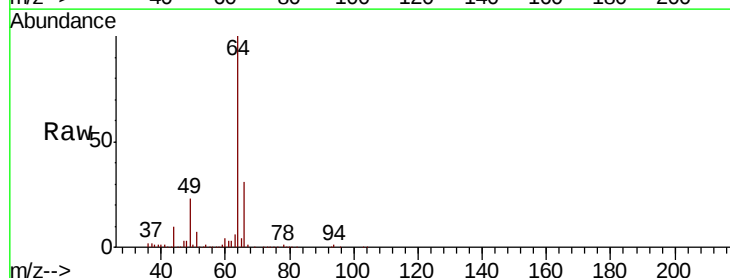
Acq: 22 Oct 2018 14:19

Tgt Ion: 64 Resp: 34301

Ion Ratio Lower Upper

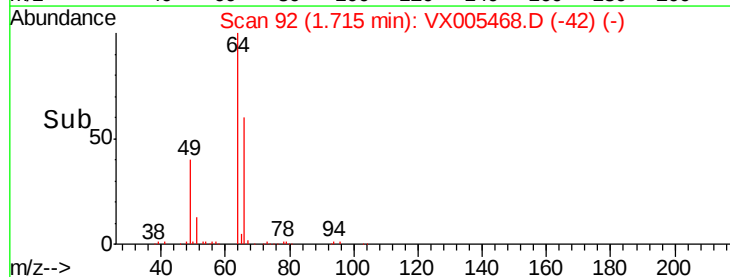
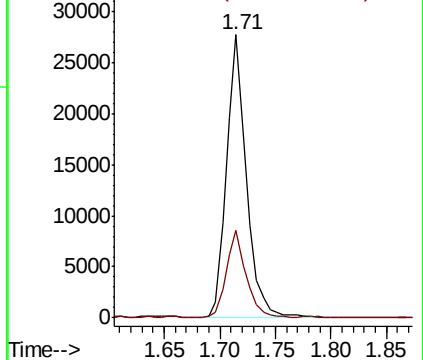
64 100

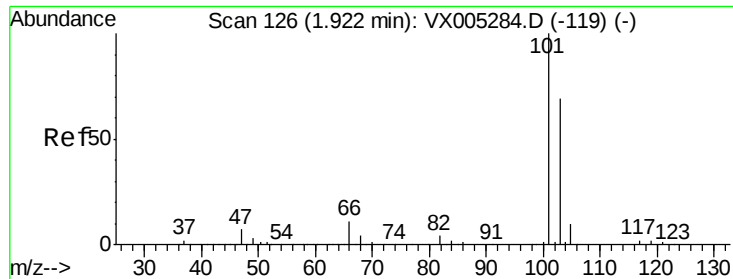
66 30.7 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



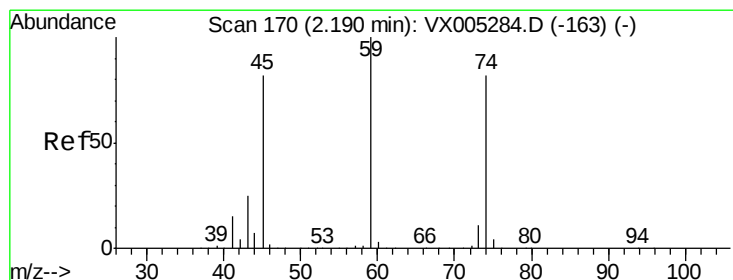
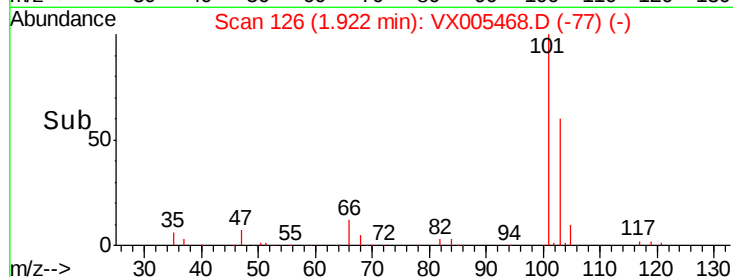
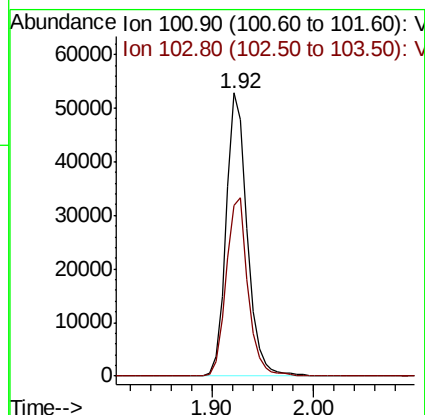
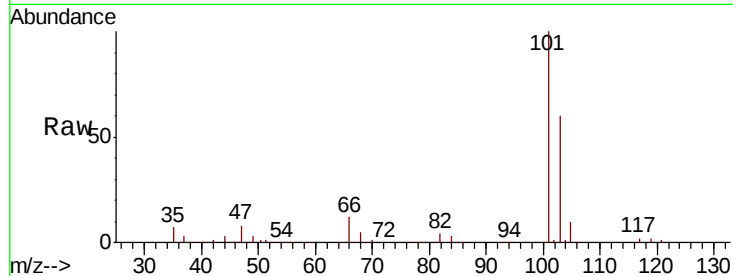


#7

Trichlorofluoromethane
 Concen: 20.055 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. 0.00 min
 Lab File: VX005468.D
 Acq: 22 Oct 2018 14:19

Instrument :
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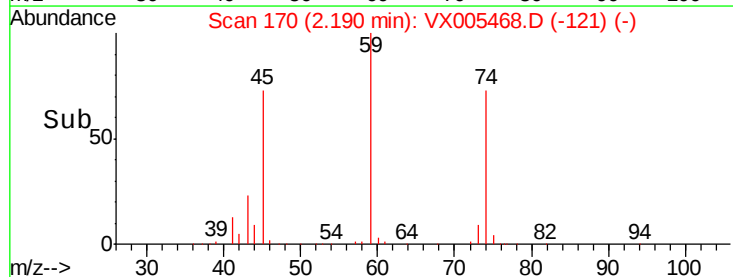
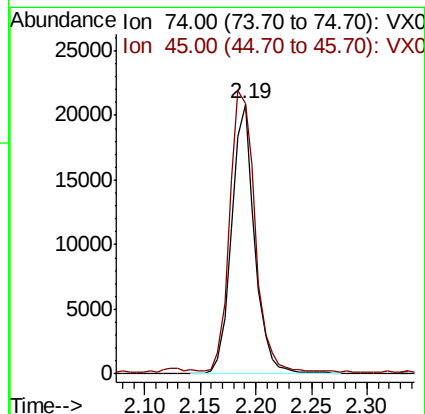
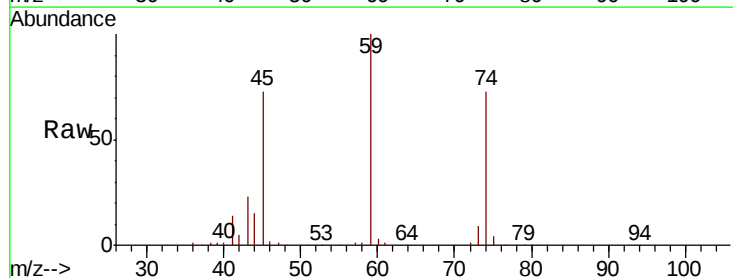
Tot Ion:101 Resp: 75569
 Ion Ratio Lower Upper
 101 100
 103 60.1 48.9 73.3

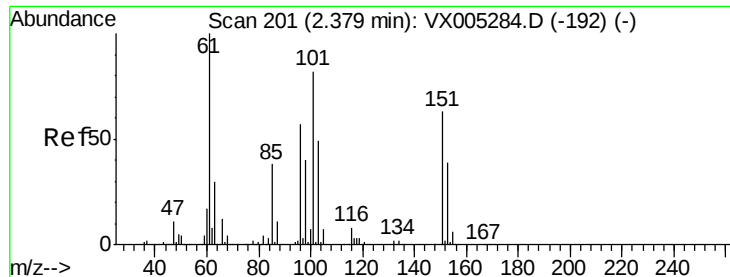


#8

Diethyl Ether
 Concen: 18.513 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX005468.D
 Acq: 22 Oct 2018 14:19

Tgt Ion: 74 Resp: 29789
 Ion Ratio Lower Upper
 74 100
 45 116.5 48.3 144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.729 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX005468.D

Acq: 22 Oct 2018 14:19

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBS01

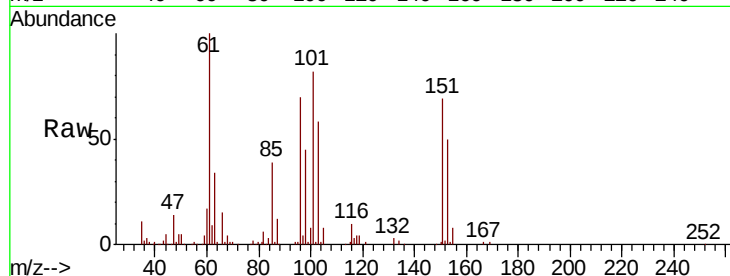
Tot Ion:101 Resp: 45084

Ion Ratio Lower Upper

101 100

85 45.2 34.2 51.4

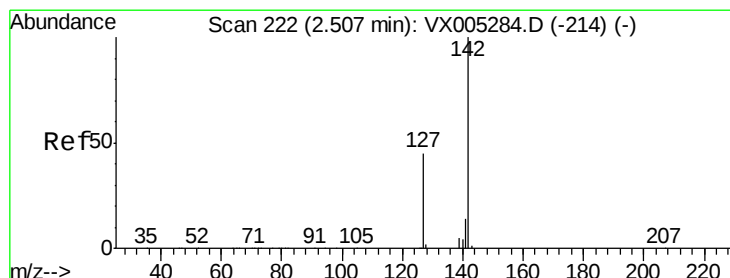
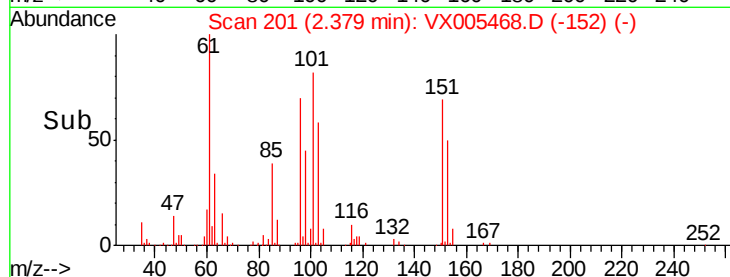
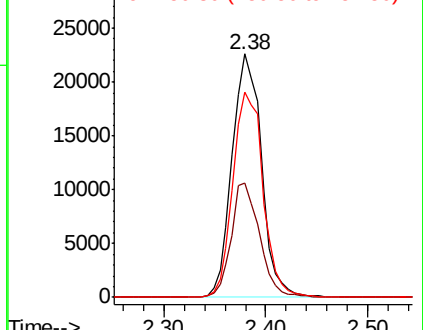
151 86.1 65.0 97.6



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: 20.614 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX005468.D

Acq: 22 Oct 2018 14:19

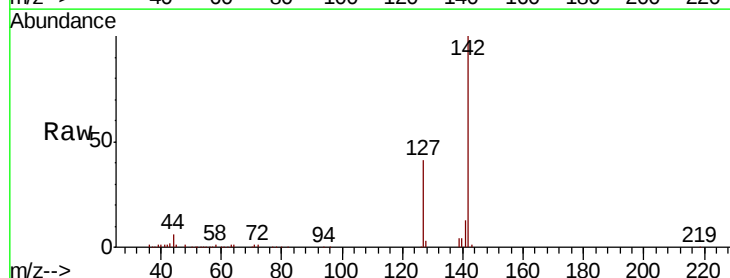
Tgt Ion:142 Resp: 45488

Ion Ratio Lower Upper

142 100

127 43.8 33.8 50.6

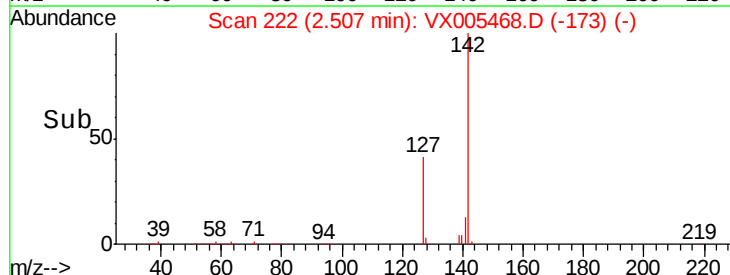
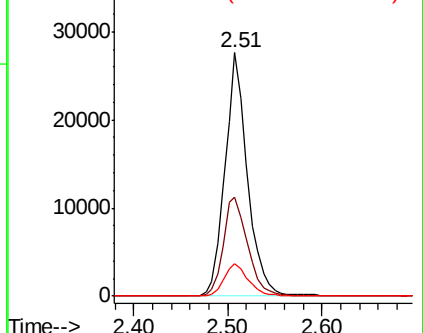
141 14.2 11.4 17.0

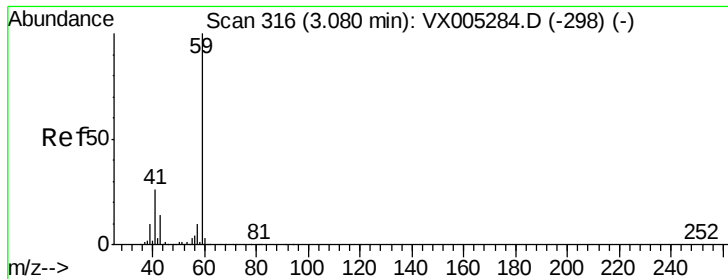


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



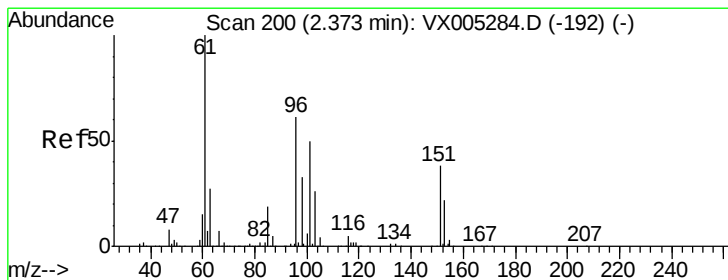
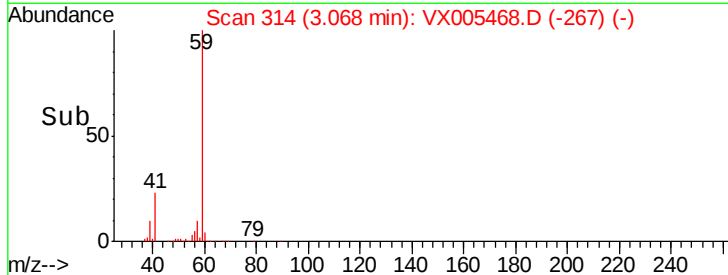
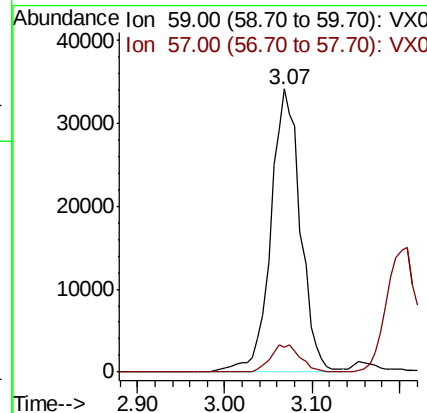
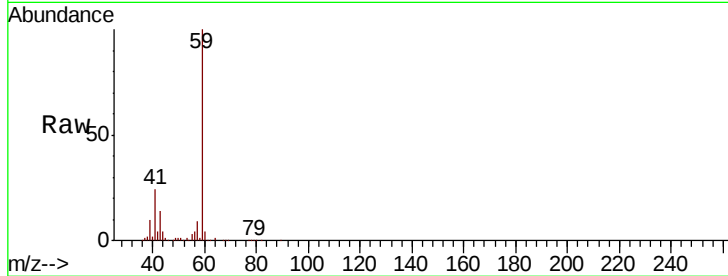


#11

Tert butyl alcohol
 Concen: 105.400 ug/l
 RT: 3.07 min Scan# 314
 Delta R.T. -0.01 min
 Lab File: VX005468.D
 Acq: 22 Oct 2018 14:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1022WBS01

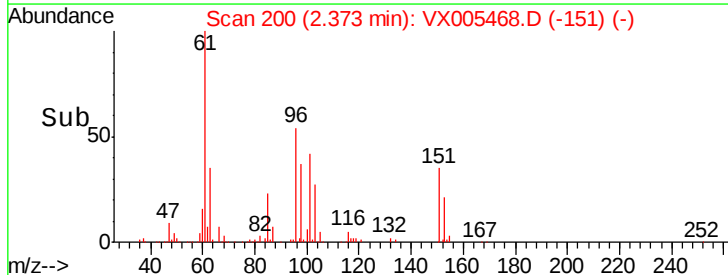
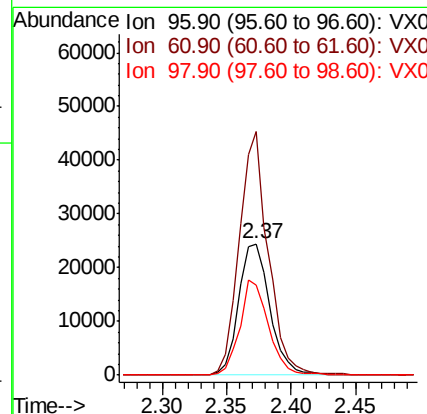
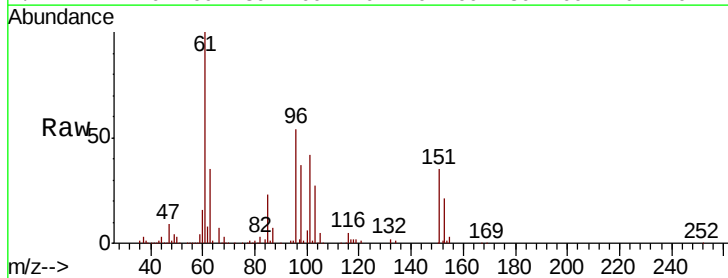
Tot Ion: 59 Resp: 81186
 Ion Ratio Lower Upper
 59 100
 57 9.9 8.2 12.4

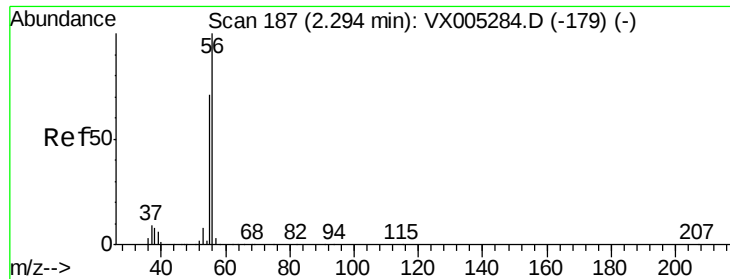


#12

1,1-Dichloroethene
 Concen: 19.191 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.00 min
 Lab File: VX005468.D
 Acq: 22 Oct 2018 14:19

Tgt Ion: 96 Resp: 41354
 Ion Ratio Lower Upper
 96 100
 61 185.3 128.8 193.2
 98 68.3 52.2 78.2





#13

Acrolein

Concen: 66.425 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX005468.D

Acq: 22 Oct 2018 14:19

Instrument :

MSVOA_X

ClientSampleId :

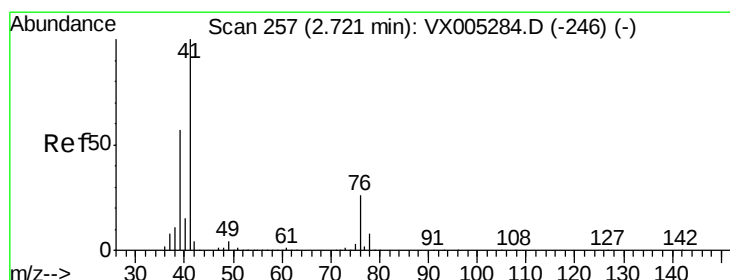
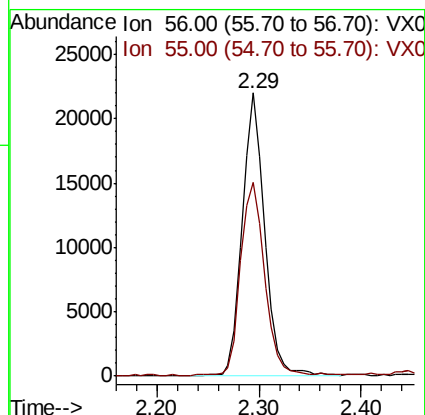
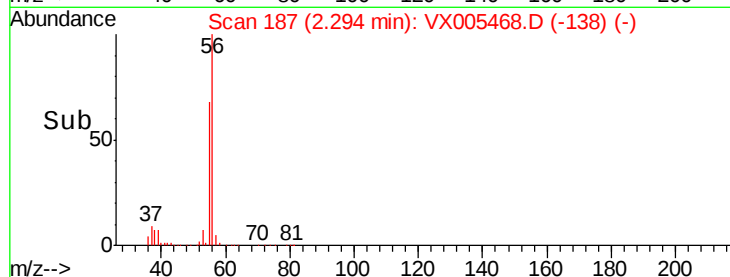
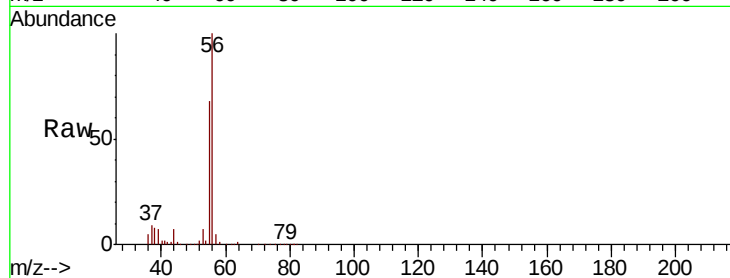
VX1022WBS01

Tot Ion: 56 Resp: 33430

Ion Ratio Lower Upper

56 100

55 73.9 54.7 82.1



#14

Allyl chloride

Concen: 20.272 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX005468.D

Acq: 22 Oct 2018 14:19

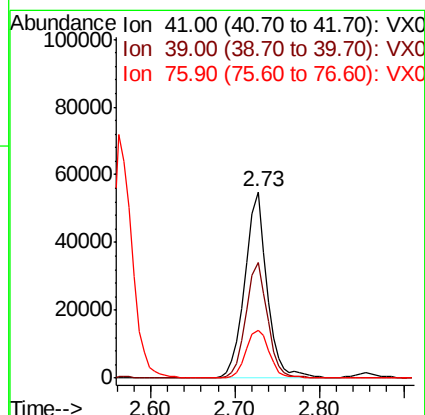
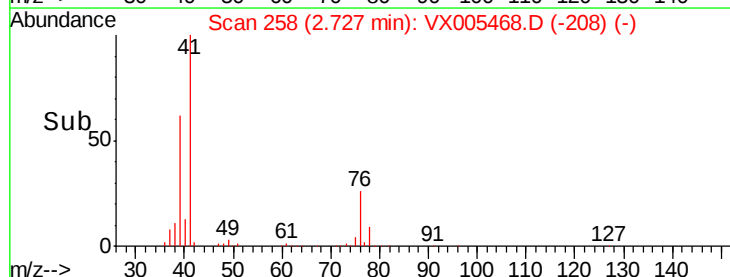
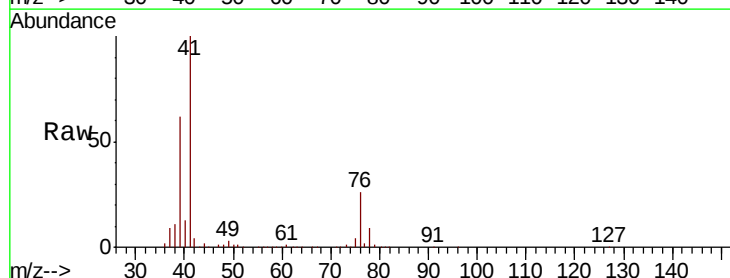
Tgt Ion: 41 Resp: 95908

Ion Ratio Lower Upper

41 100

39 60.5 48.9 73.3

76 27.5 26.7 40.1

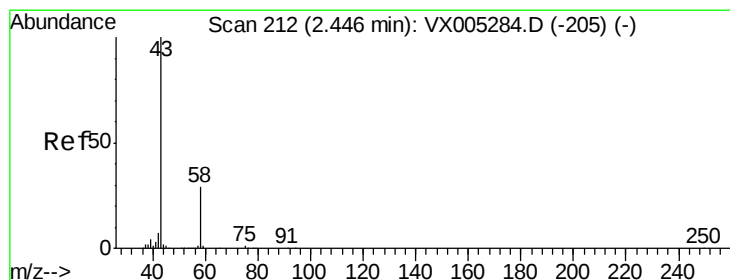
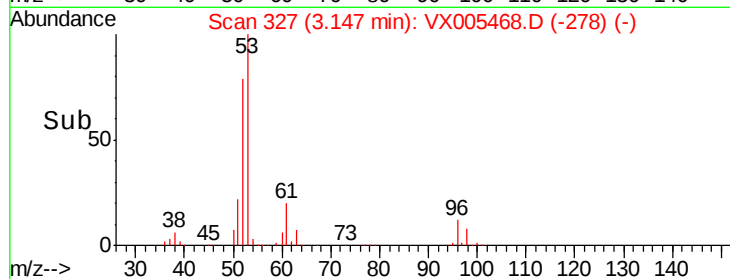
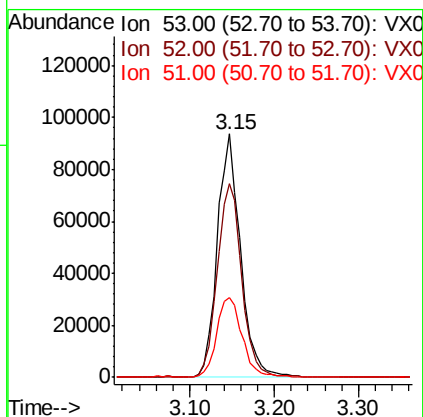
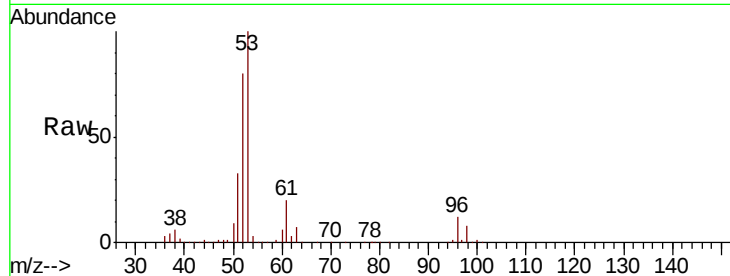




#15
 Acrylonitrile
 Concen: 101.564 ug/l
 RT: 3.15 min Scan# 327
 Delta R.T. 0.00 min
 Lab File: VX005468.D
 Acq: 22 Oct 2018 14:19

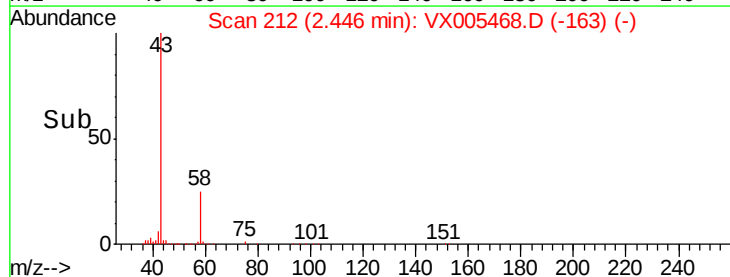
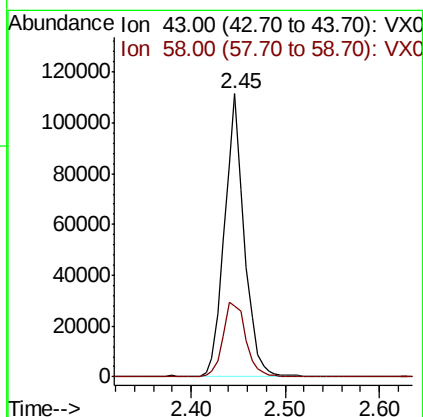
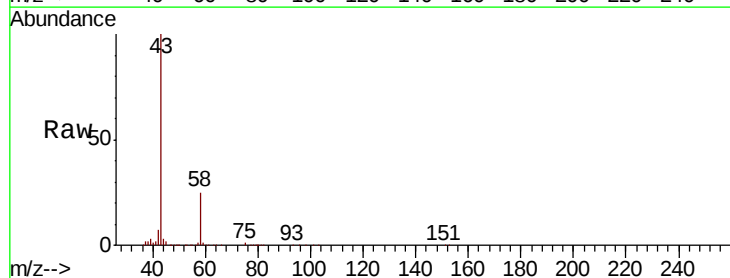
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1022WBS01

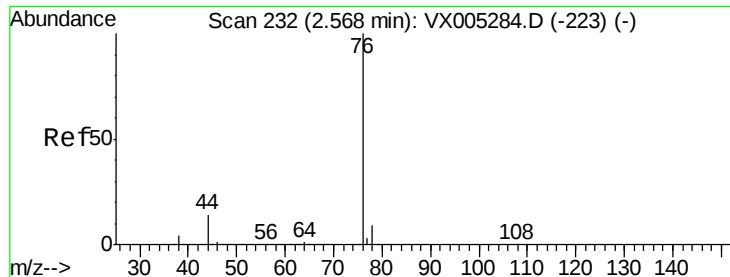
Tot Ion: 53 Resp: 177278
 Ion Ratio Lower Upper
 53 100
 52 83.8 65.2 97.8
 51 37.0 28.2 42.2



#16
 Acetone
 Concen: 101.900 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX005468.D
 Acq: 22 Oct 2018 14:19

Tgt Ion: 43 Resp: 160880
 Ion Ratio Lower Upper
 43 100
 58 24.9 26.2 39.4#

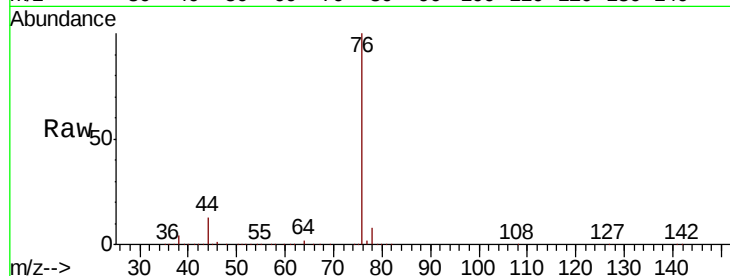




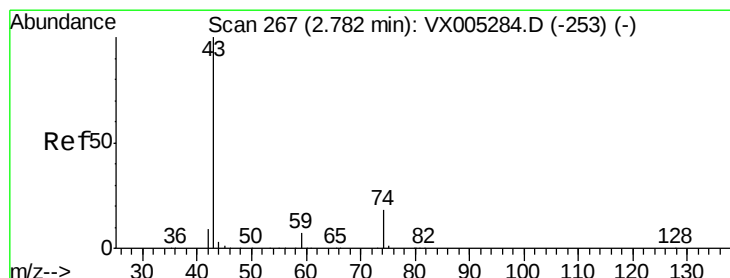
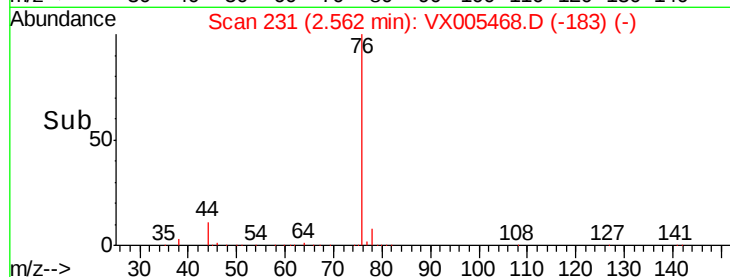
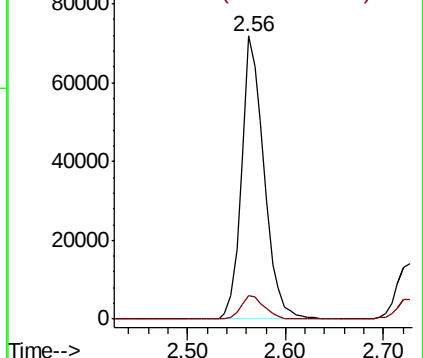
#17
Carbon Disulfide
Concen: 17.477 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.01 min
Lab File: VX005468.D
Acq: 22 Oct 2018 14:19

Instrument :
MSVOA_X
ClientSampleId :
VX1022WBS01

Tot Ion: 76 Resp: 114083
Ion Ratio Lower Upper
76 100
78 8.3 7.0 10.6

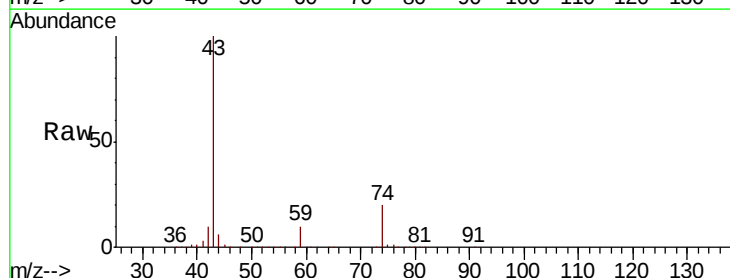


Abundance Ion 75.90 (75.60 to 76.60): VX0
Ion 77.90 (77.60 to 78.60): VX0

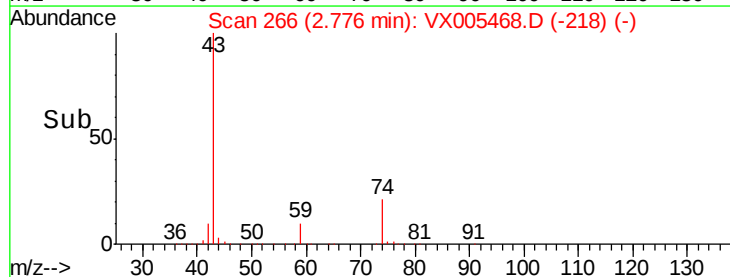
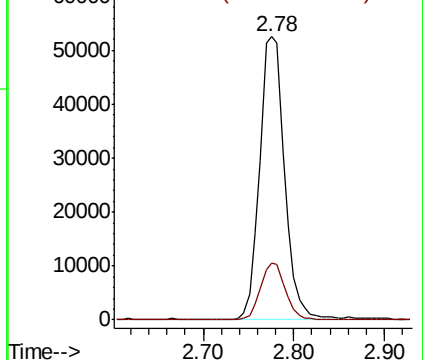


#18
Methyl Acetate
Concen: 22.185 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005468.D
Acq: 22 Oct 2018 14:19

Tgt Ion: 43 Resp: 99647
Ion Ratio Lower Upper
43 100
74 19.7 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 74.00 (73.70 to 74.70): VX0



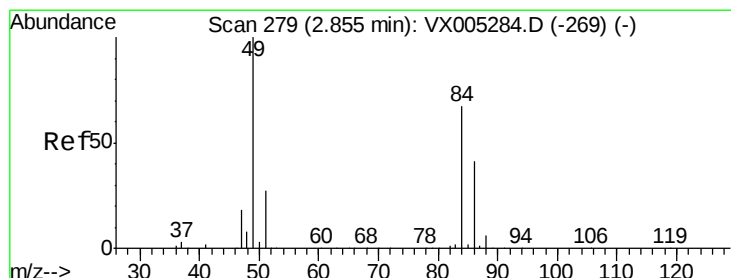
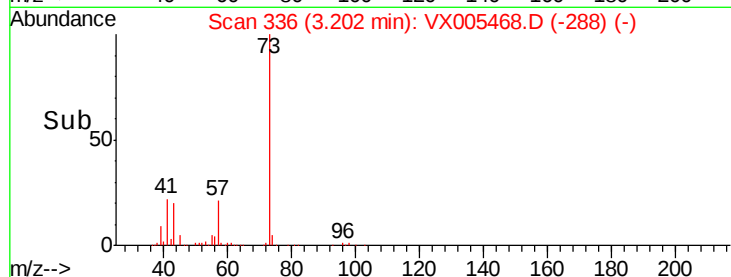
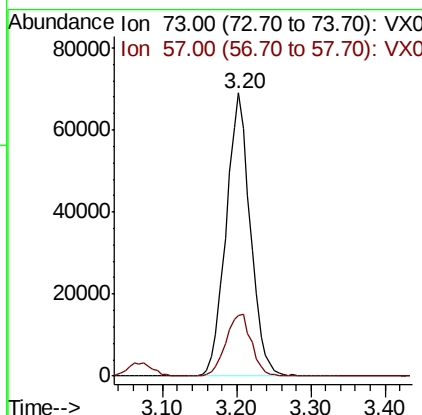
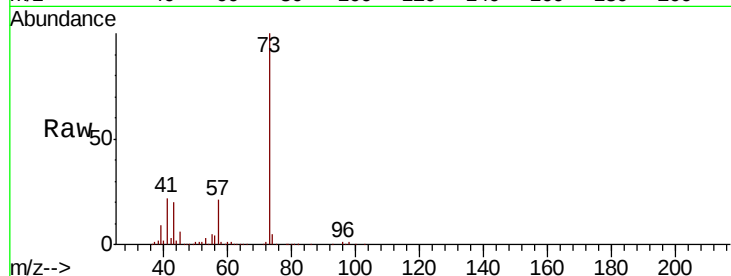


#19

Methyl tert-butyl Ether
 Concen: 20.646 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.01 min
 Lab File: VX005468.D
 Acq: 22 Oct 2018 14:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1022WBS01

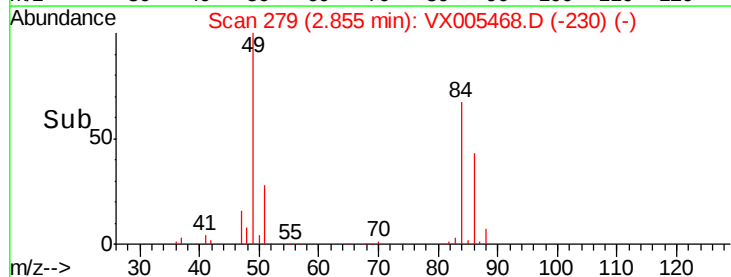
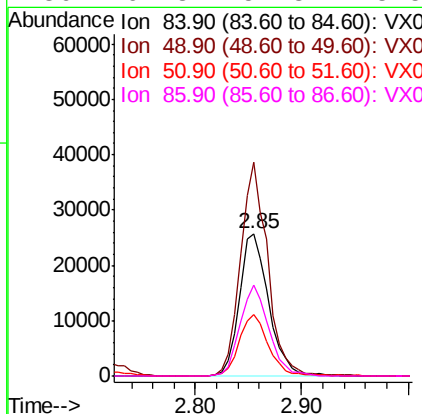
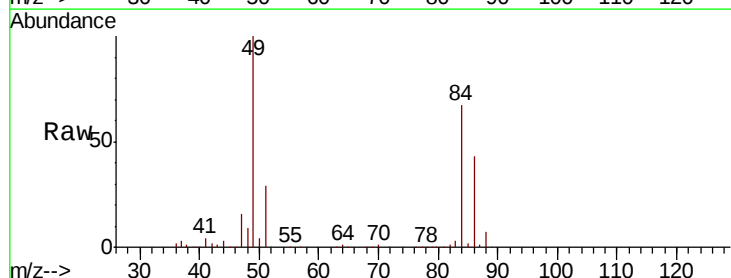
Tot Ion: 73 Resp: 156690
 Ion Ratio Lower Upper
 73 100
 57 21.2 17.1 25.7



#20

Methylene Chloride
 Concen: 20.764 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX005468.D
 Acq: 22 Oct 2018 14:19

Tgt Ion: 84 Resp: 49526
 Ion Ratio Lower Upper
 84 100
 49 149.7 101.2 151.8
 51 42.7 29.5 44.3
 86 64.3 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 18.731 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX005468.D

Acq: 22 Oct 2018 14:19

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBS01

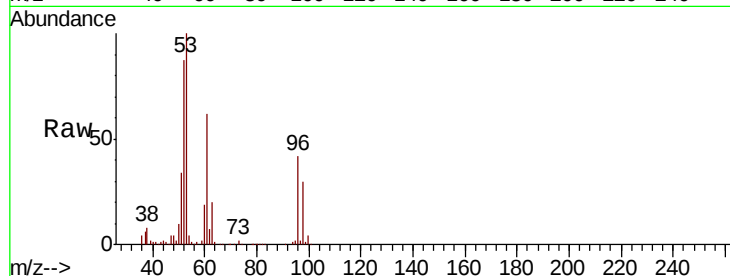
Tot Ion: 96 Resp: 44731

Ion Ratio Lower Upper

96 100

61 148.5 113.8 170.6

98 71.3 51.8 77.8

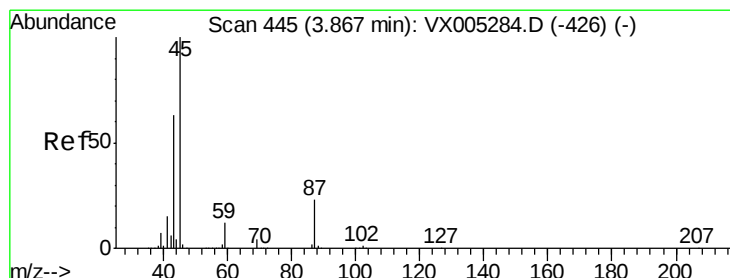
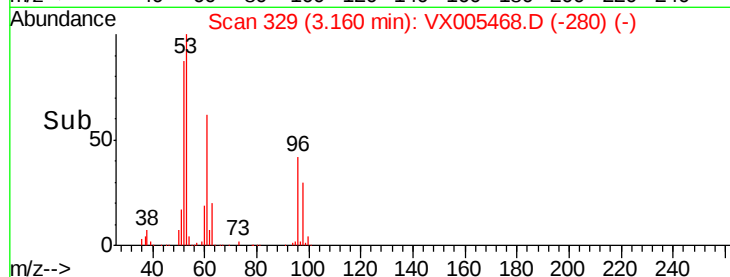
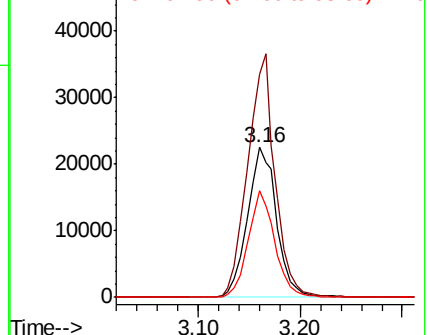


Abundance

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: 22.383 ug/l

RT: 3.86 min Scan# 444

Delta R.T. -0.01 min

Lab File: VX005468.D

Acq: 22 Oct 2018 14:19

Tgt Ion: 45 Resp: 177863

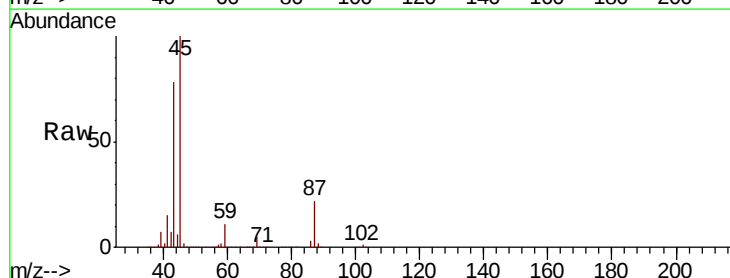
Ion Ratio Lower Upper

45 100

43 78.0 42.8 64.2#

87 22.5 22.6 34.0#

59 11.1 9.6 14.4



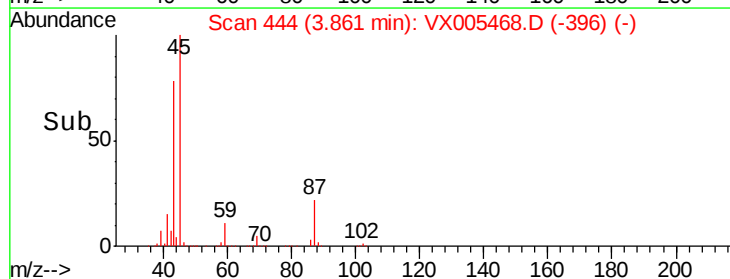
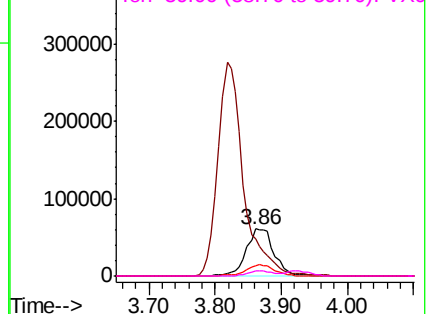
Abundance

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: 107.363 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.00 min

Lab File: VX005468.D

Acq: 22 Oct 2018 14:19

Instrument :

MSVOA_X

ClientSampleId :

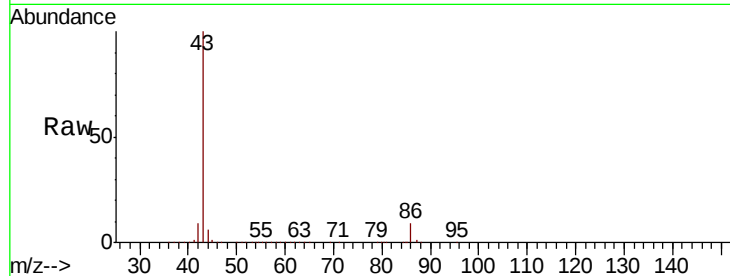
VX1022WBS01

Tot Ion: 43 Resp: 745683

Ion Ratio Lower Upper

43 100

86 9.1 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

300000

250000

200000

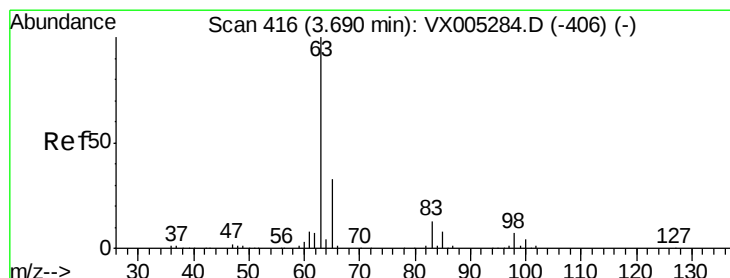
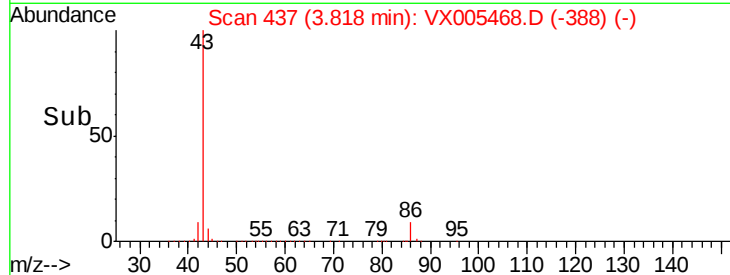
150000

100000

50000

0

Time--> 3.60 3.80 4.00



#24

1,1-Dichloroethane

Concen: 20.202 ug/l

RT: 3.69 min Scan# 416

Delta R.T. 0.00 min

Lab File: VX005468.D

Acq: 22 Oct 2018 14:19

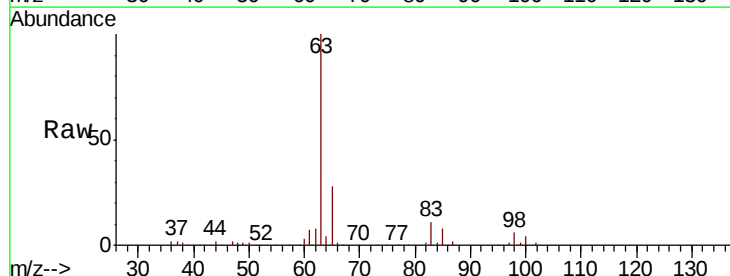
Tgt Ion: 63 Resp: 92005

Ion Ratio Lower Upper

63 100

98 6.0 3.5 10.4

100 3.6 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

50000

40000

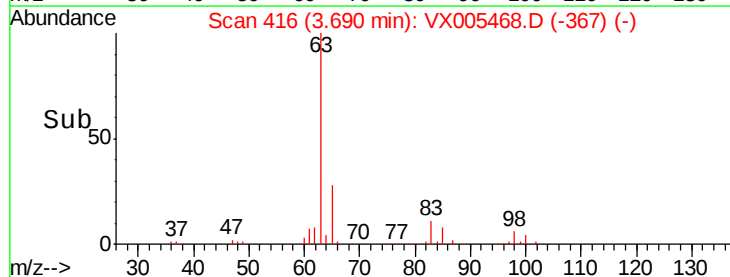
30000

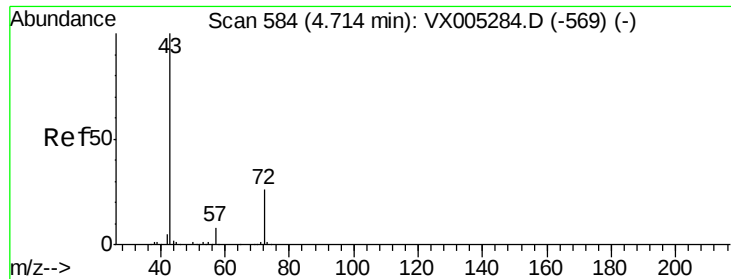
20000

10000

0

Time--> 3.60 3.70 3.80





#25

2-Butanone

Concen: 101.699 ug/l

RT: 4.71 min Scan# 583

Delta R.T. -0.01 min

Lab File: VX005468.D

Acq: 22 Oct 2018 14:19

Instrument :

MSVOA_X

ClientSampleId :

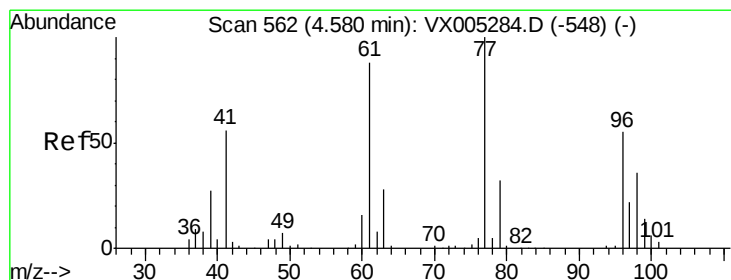
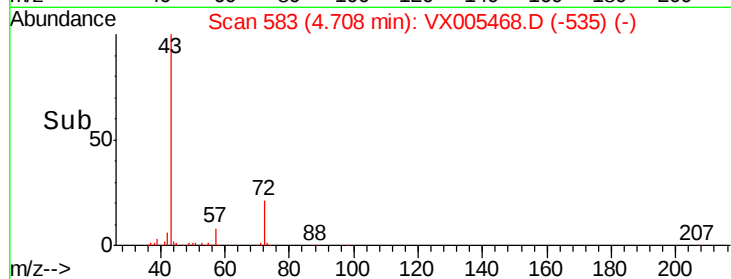
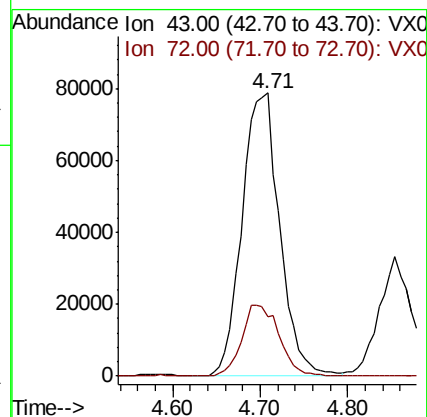
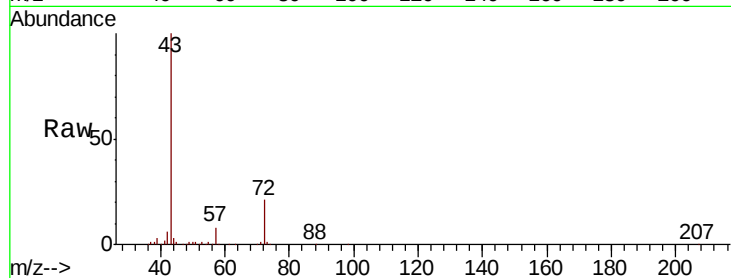
VX1022WBS01

Tot Ion: 43 Resp: 234922

Ion Ratio Lower Upper

43 100

72 20.9 22.0 33.0#



#26

2,2-Dichloropropane

Concen: 21.639 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX005468.D

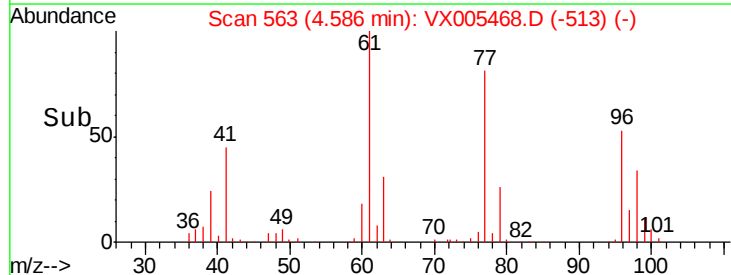
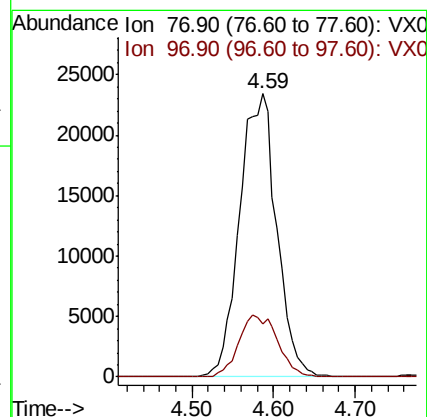
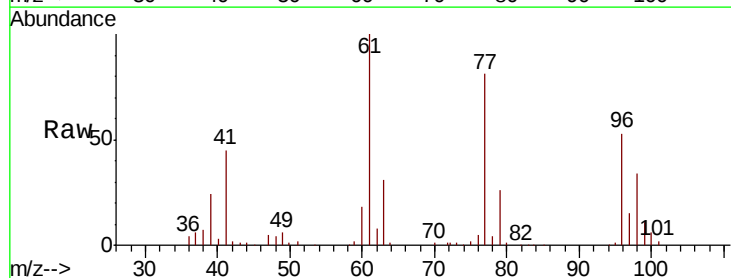
Acq: 22 Oct 2018 14:19

Tgt Ion: 77 Resp: 73703

Ion Ratio Lower Upper

77 100

97 22.9 11.7 35.0



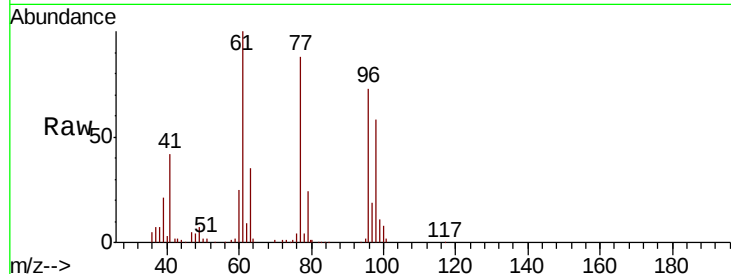


#27

cis-1,2-Dichloroethene
 Concen: 19.128 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX005468.D
 Acq: 22 Oct 2018 14:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1022WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	168.5	0.0	282.6
98	71.7	0.0	130.2

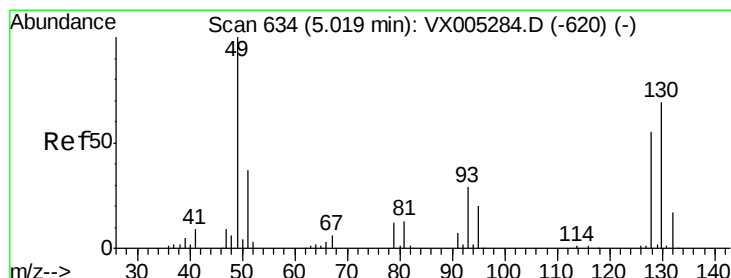
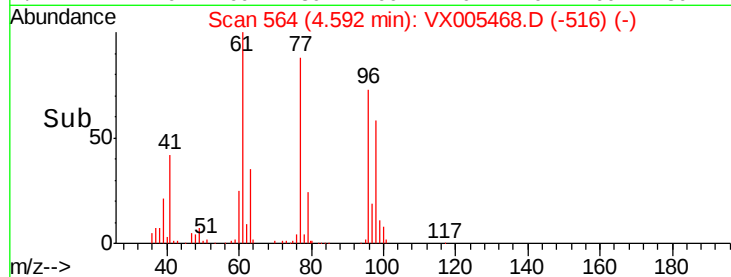
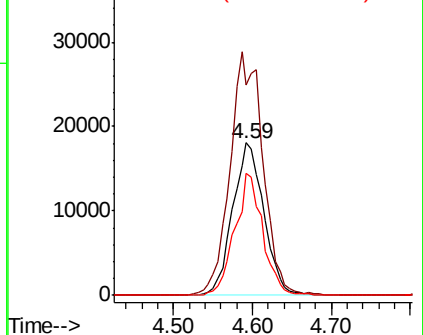


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

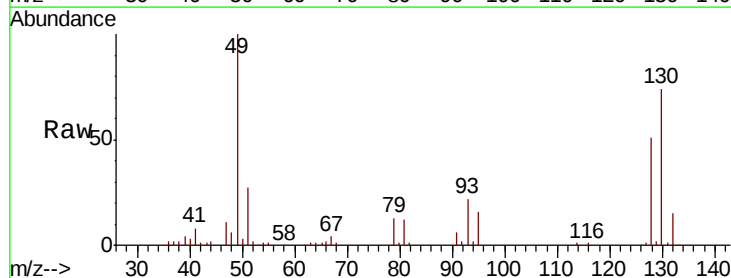
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
 Concen: 22.258 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: VX005468.D
 Acq: 22 Oct 2018 14:19

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.2
130	79.2	67.5	101.3

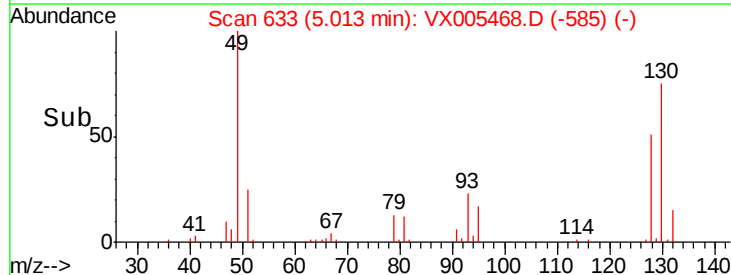
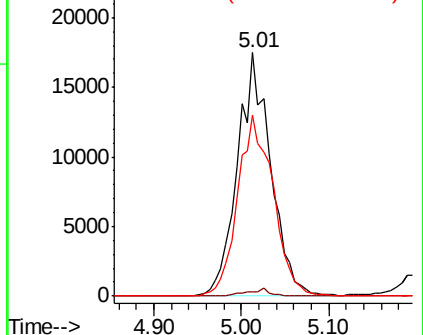


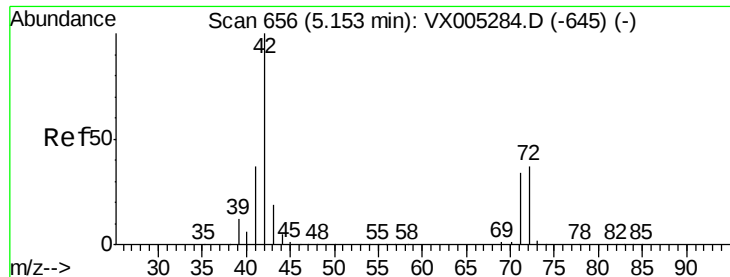
Abundance

Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

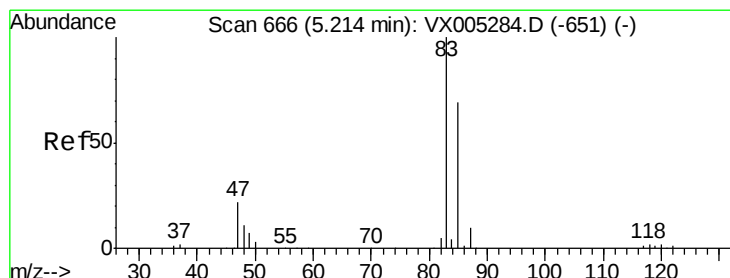
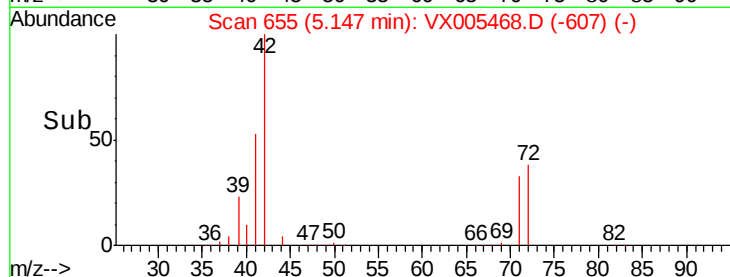
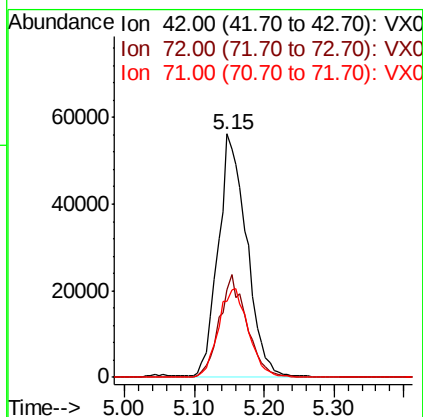
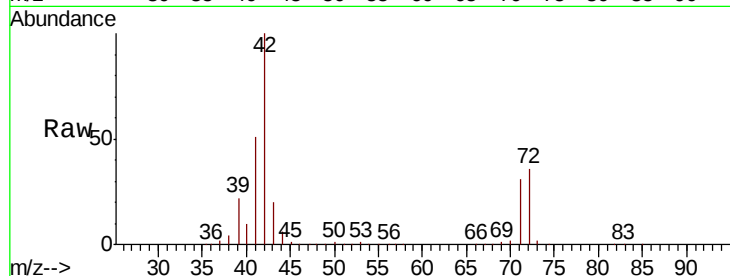




#29
Tetrahydrofuran
Concen: 107.195 ug/l
RT: 5.15 min Scan# 655
Delta R.T. -0.01 min
Lab File: VX005468.D
Acq: 22 Oct 2018 14:19

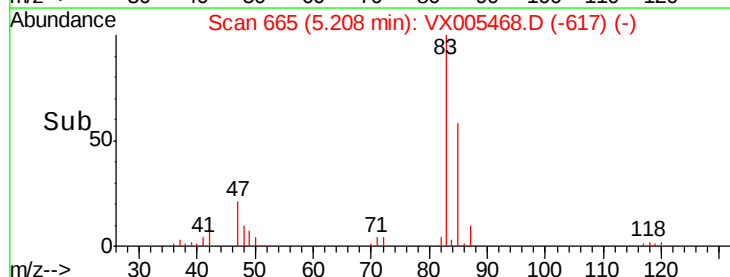
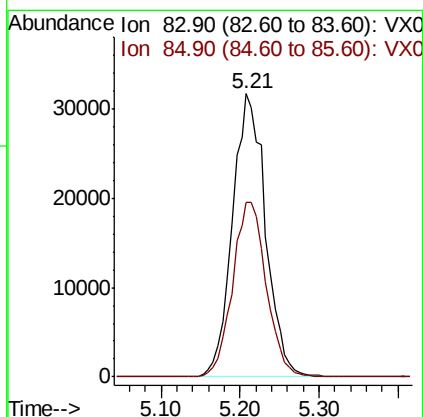
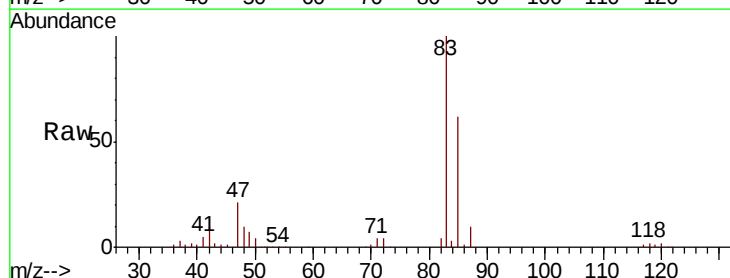
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBS01

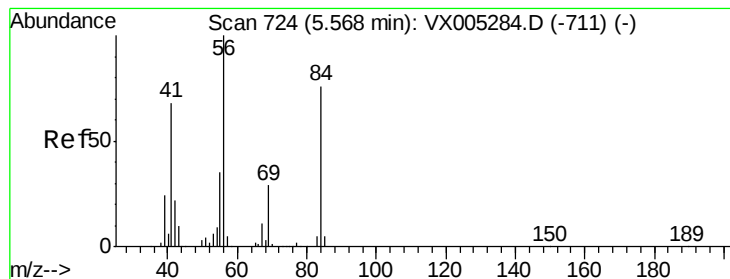
Tot Ion: 42 Resp: 157949
Ion Ratio Lower Upper
42 100
72 40.8 37.4 56.0
71 38.7 34.5 51.7



#30
Chloroform
Concen: 21.826 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX005468.D
Acq: 22 Oct 2018 14:19

Tgt Ion: 83 Resp: 92262
Ion Ratio Lower Upper
83 100
85 61.6 52.6 79.0





#31

Cyclohexane

Concen: 19.437 ug/l

RT: 5.57 min Scan# 724

Delta R.T. 0.00 min

Lab File: VX005468.D

Acq: 22 Oct 2018 14:19

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBS01

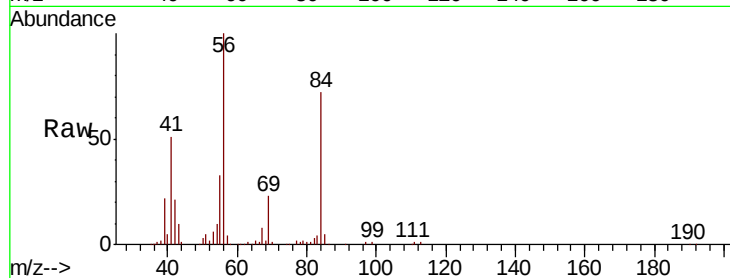
Tot Ion: 56 Resp: 72957

Ion Ratio Lower Upper

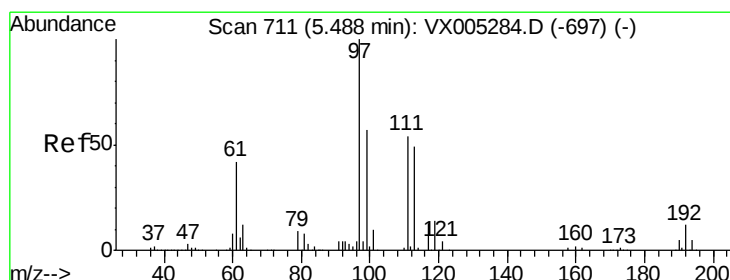
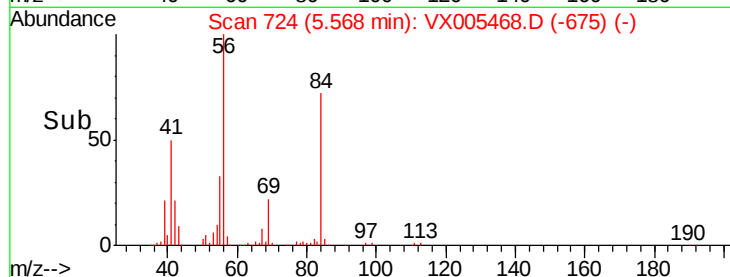
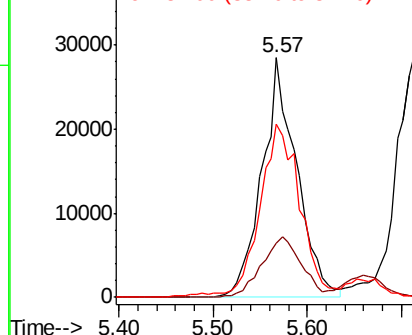
56 100

69 22.5 25.4 38.2#

84 70.9 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: 20.882 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX005468.D

Acq: 22 Oct 2018 14:19

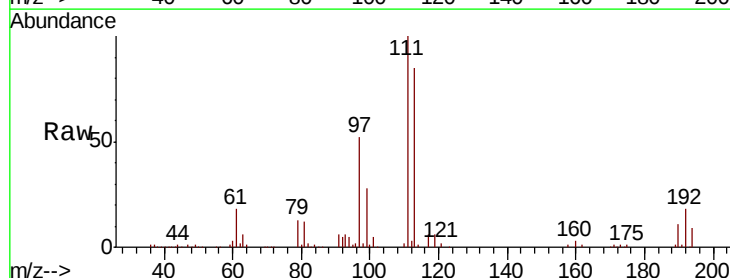
Tgt Ion: 97 Resp: 76805

Ion Ratio Lower Upper

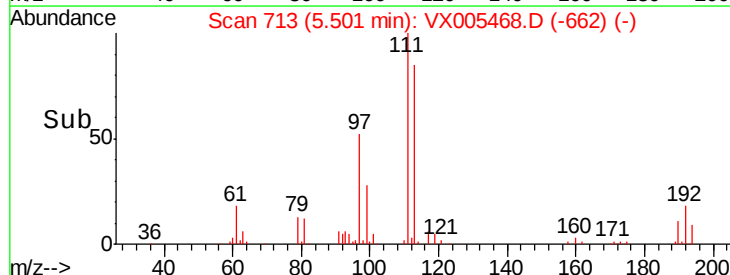
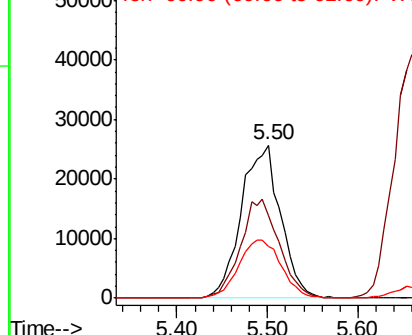
97 100

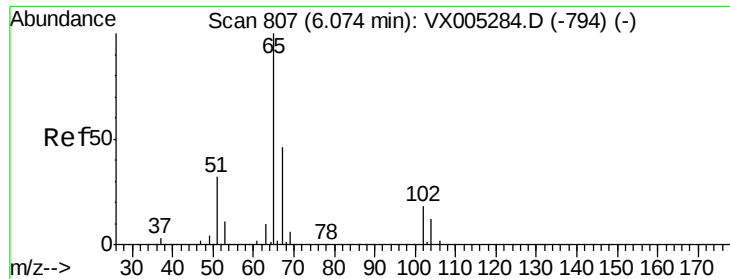
99 63.9 52.0 78.0

61 41.3 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: 49.665 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX005468.D

Acq: 22 Oct 2018 14:19

Instrument :

MSVOA_X

ClientSampleId :

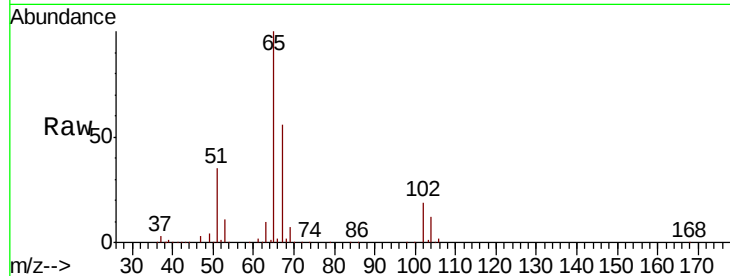
VX1022WBS01

Tot Ion: 65 Resp: 135616

Ion Ratio Lower Upper

65 100

67 54.1 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

30000

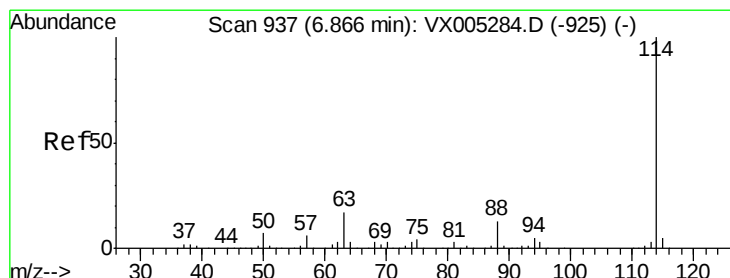
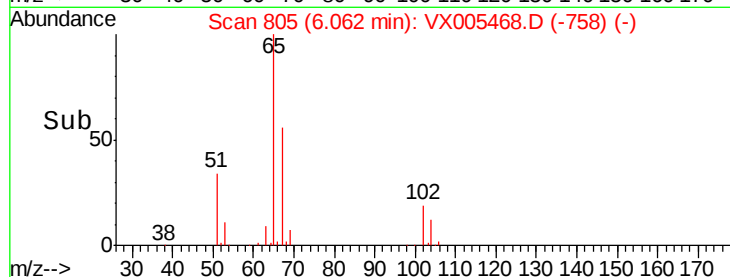
20000

10000

0

6.00 6.10 6.20

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.01 min

Lab File: VX005468.D

Acq: 22 Oct 2018 14:19

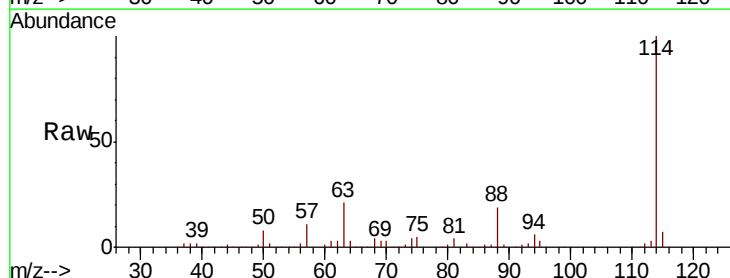
Tgt Ion: 114 Resp: 338959

Ion Ratio Lower Upper

114 100

63 20.9 0.0 39.0

88 19.3 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

150000

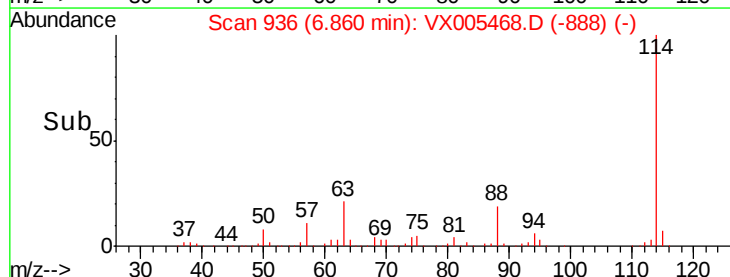
100000

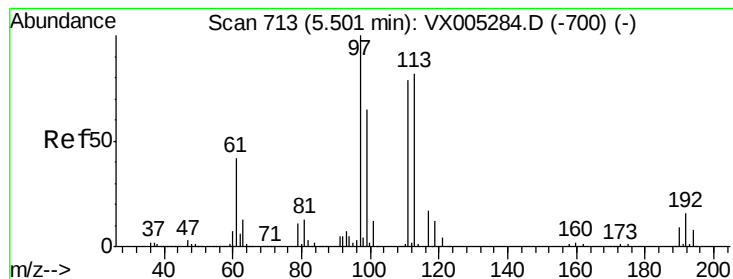
50000

0

6.70 6.80 6.90 7.00

Time-->





#35

Dibromofluoromethane

Concen: 49.291 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX005468.D

Acq: 22 Oct 2018 14:19

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBS01

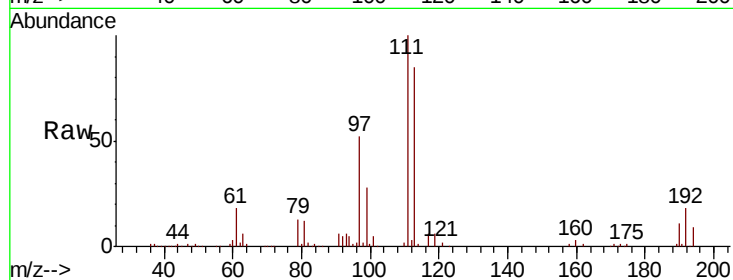
Tot Ion:113 Resp: 110658

Ion Ratio Lower Upper

113 100

111 107.1 82.4 123.6

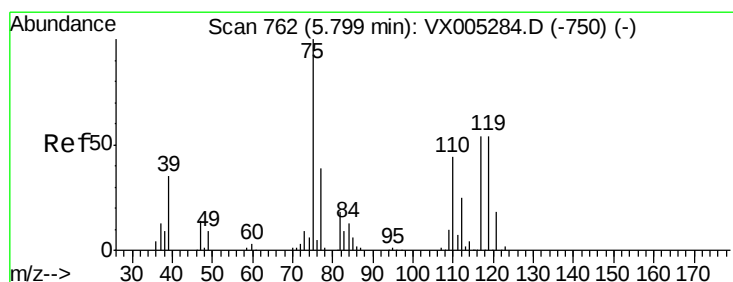
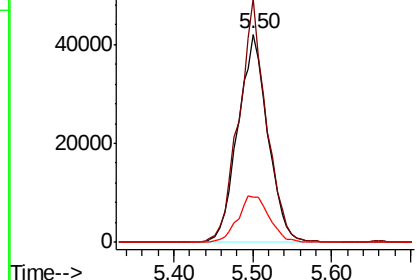
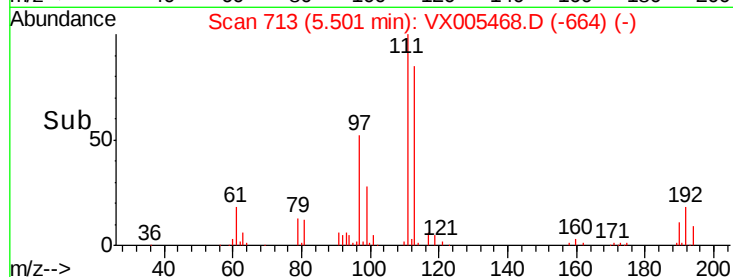
192 23.5 19.4 29.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.175 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX005468.D

Acq: 22 Oct 2018 14:19

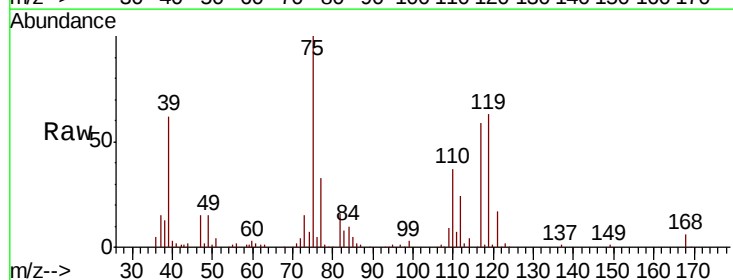
Tgt Ion: 75 Resp: 59664

Ion Ratio Lower Upper

75 100

110 38.4 18.0 54.0

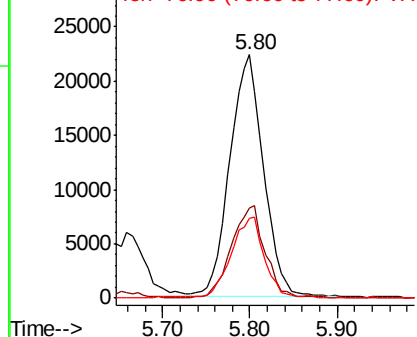
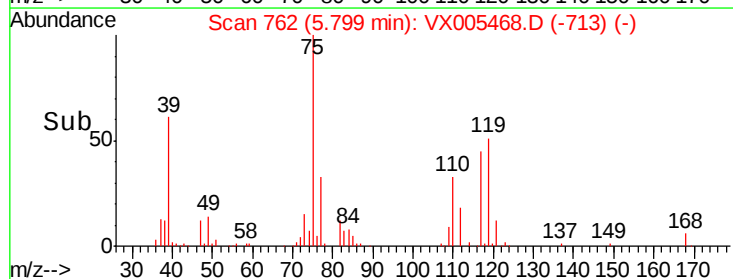
77 32.1 24.6 36.8

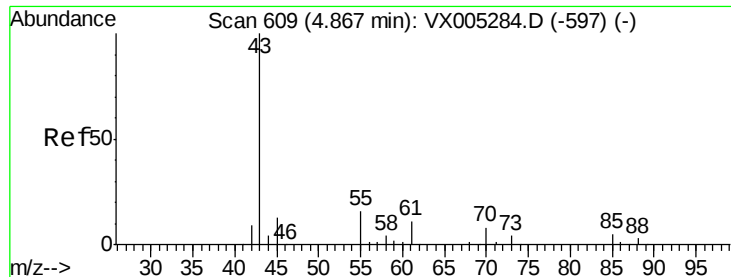


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

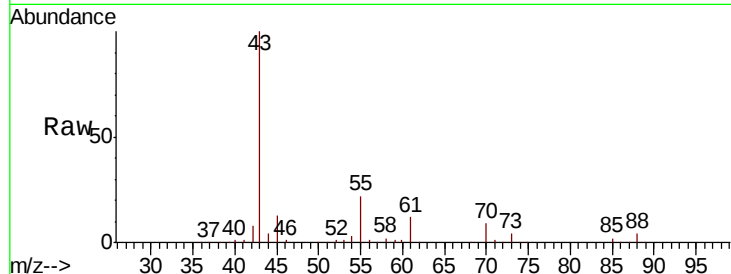




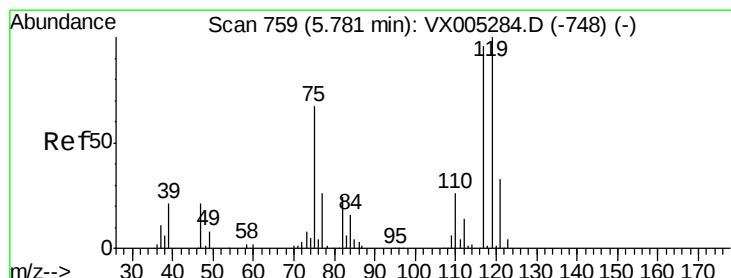
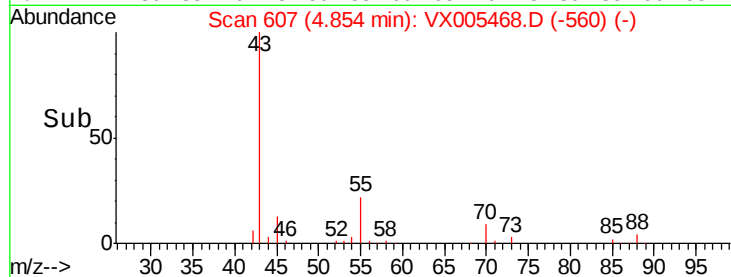
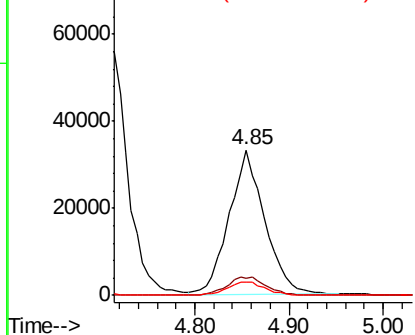
#37
Ethyl Acetate
Concen: 20.736 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX005468.D
Acq: 22 Oct 2018 14:19

Instrument :
MSVOA_X
ClientSampleId :
VX1022WBS01

Tot Ion: 43 Resp: 87543
Ion Ratio Lower Upper
43 100
61 13.8 11.5 17.3
70 10.2 9.0 13.6

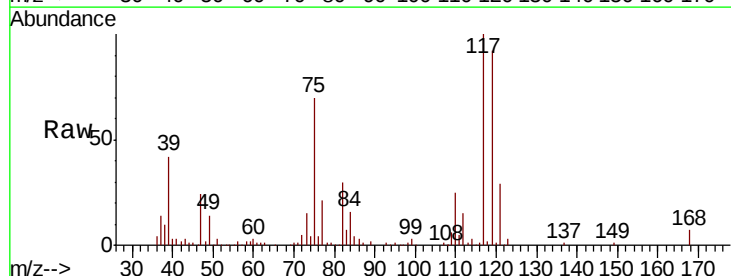


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

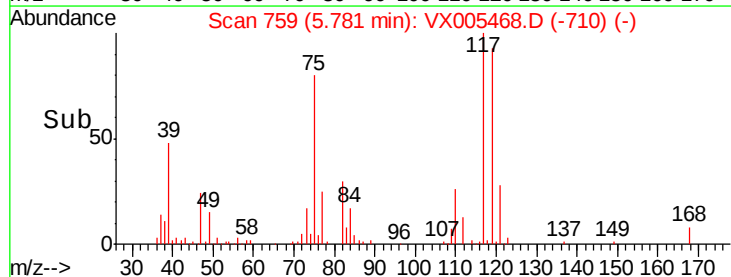
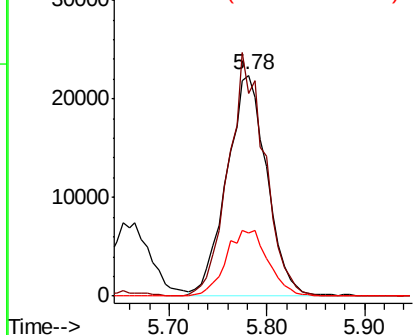


#38
Carbon Tetrachloride
Concen: 19.325 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX005468.D
Acq: 22 Oct 2018 14:19

Tgt Ion: 117 Resp: 63744
Ion Ratio Lower Upper
117 100
119 91.7 78.8 118.2
121 28.7 24.9 37.3



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

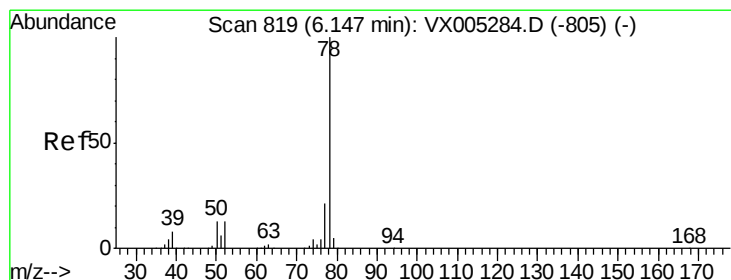
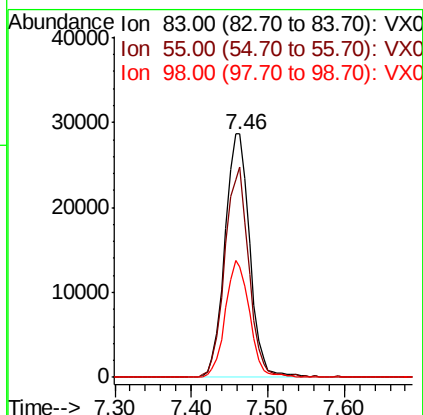
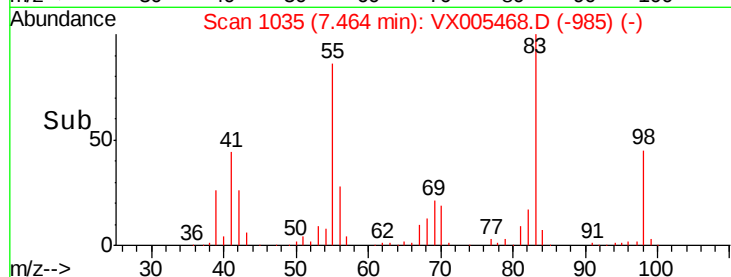
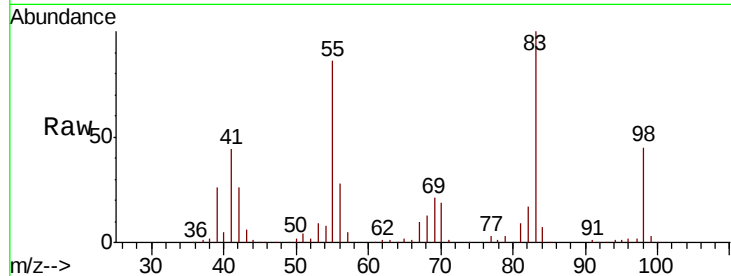




#39
Methvlcvclohexane
Concen: 18.198 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX005468.D
Acq: 22 Oct 2018 14:19

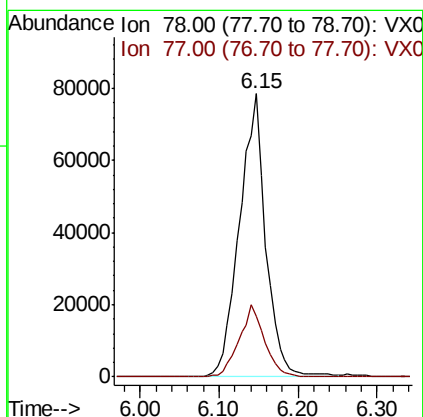
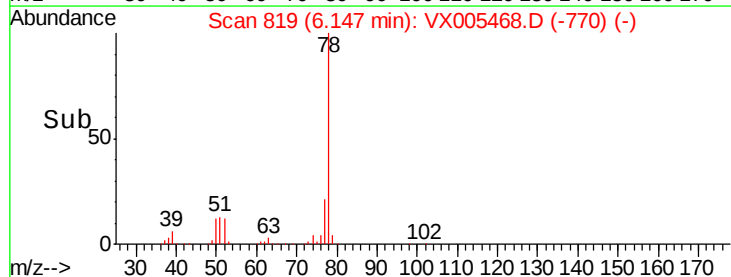
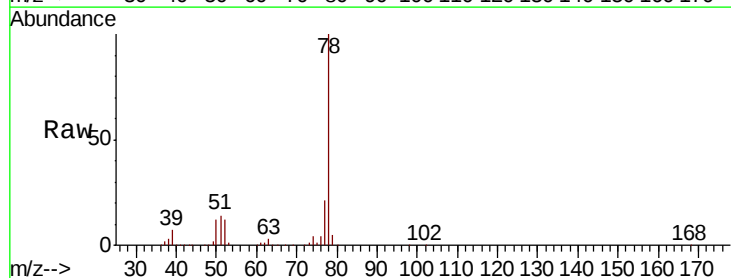
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBS01

Tot Ion: 83 Resp: 64657
Ion Ratio Lower Upper
83 100
55 86.2 61.0 91.4
98 45.5 39.6 59.4



#40
Benzene
Concen: 18.516 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.00 min
Lab File: VX005468.D
Acq: 22 Oct 2018 14:19

Tgt Ion: 78 Resp: 182338
Ion Ratio Lower Upper
78 100
77 21.3 19.0 28.4

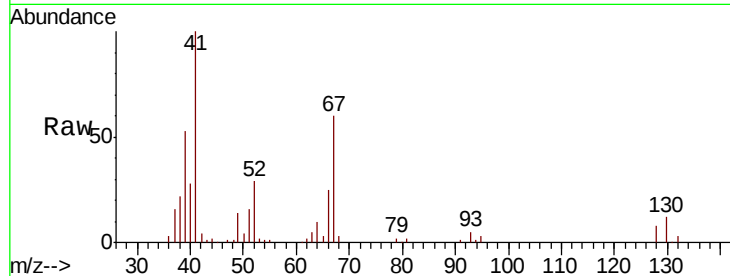




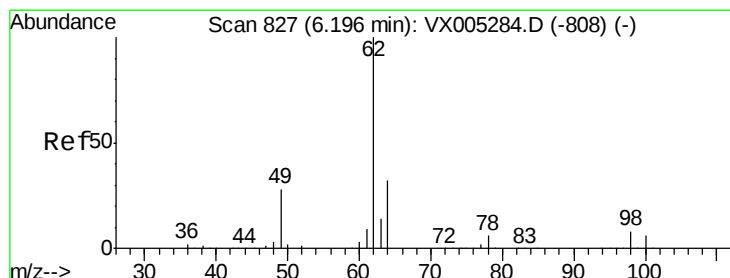
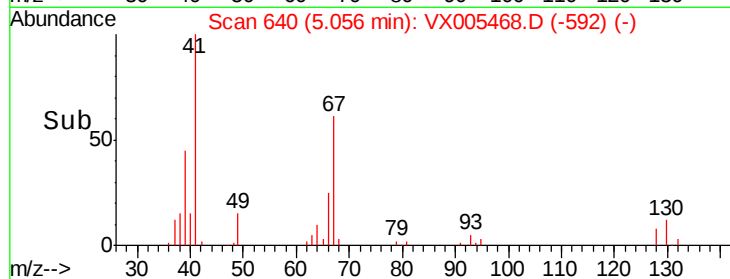
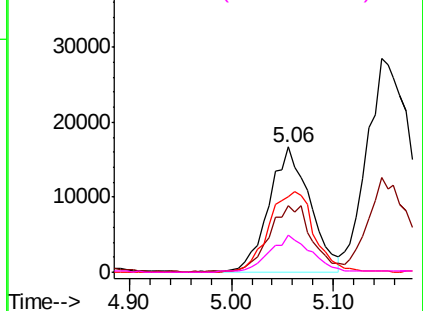
#41
Methacrylonitrile
Concen: 20.450 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX005468.D
Acq: 22 Oct 2018 14:19

Instrument :
MSVOA_X
ClientSampled :
VX1022WBS01

Tot Ion:	41	Resp:	46285
Ion	Ratio	Lower	Upper
41	100		
39	56.9	42.4	63.6
67	71.7	59.2	88.8
52	30.7	23.0	34.4

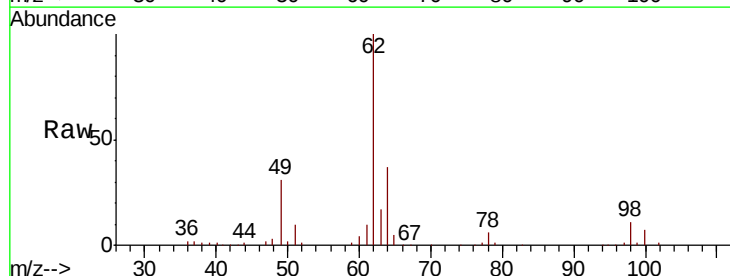


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

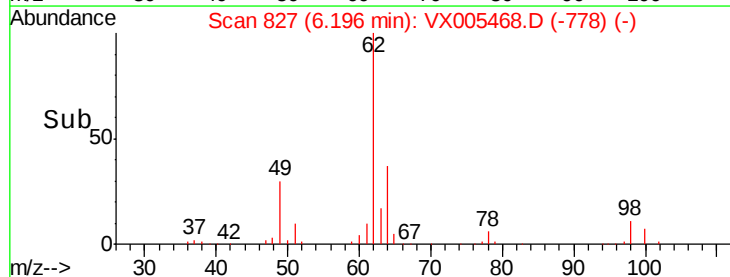
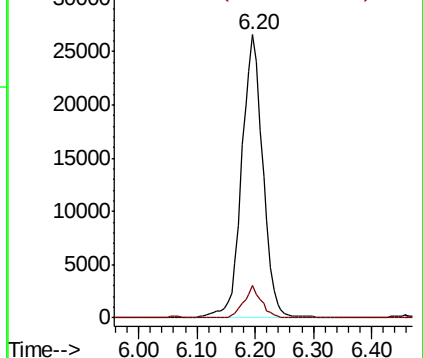


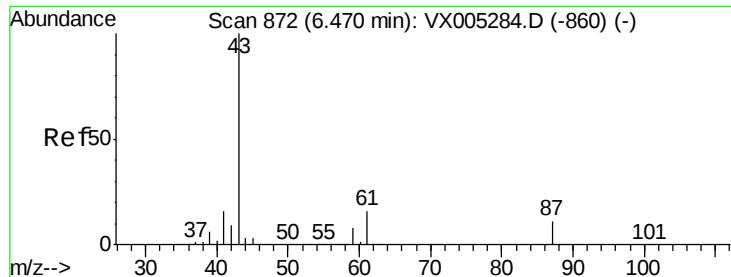
#42
1,2-Dichloroethane
Concen: 19.275 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX005468.D
Acq: 22 Oct 2018 14:19

Tgt Ion:	62	Resp:	67025
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	20.6



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



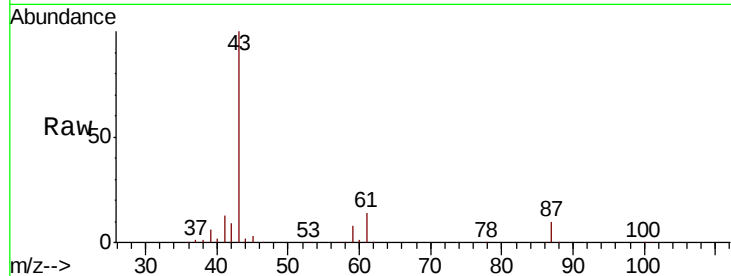


#43

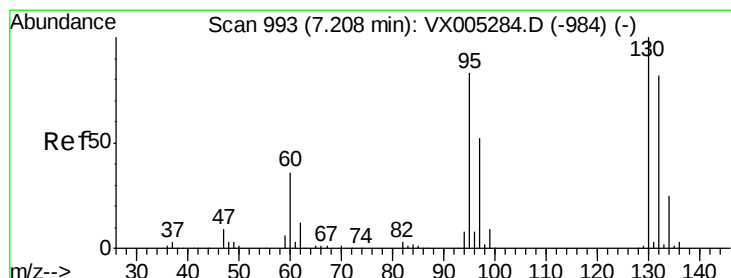
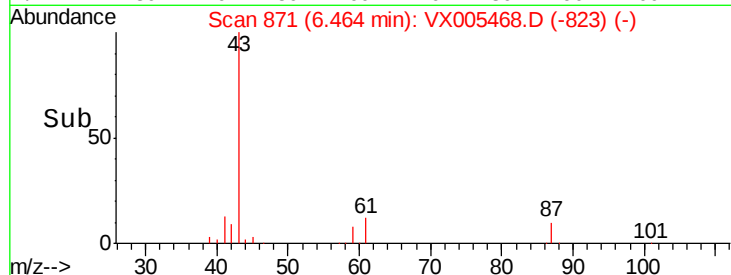
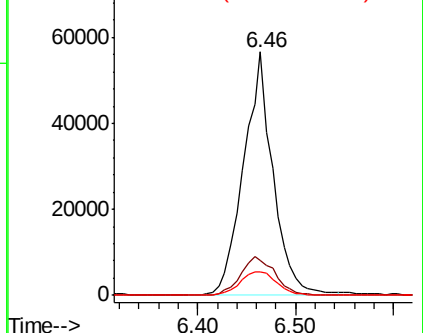
Isopropyl Acetate
 Concen: 21.002 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. -0.01 min
 Lab File: VX005468.D
 Acq: 22 Oct 2018 14:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1022WBS01

Tot Ion: 43 Resp: 118110
 Ion Ratio Lower Upper
 43 100
 61 18.7 17.0 25.4
 87 12.2 11.4 17.2



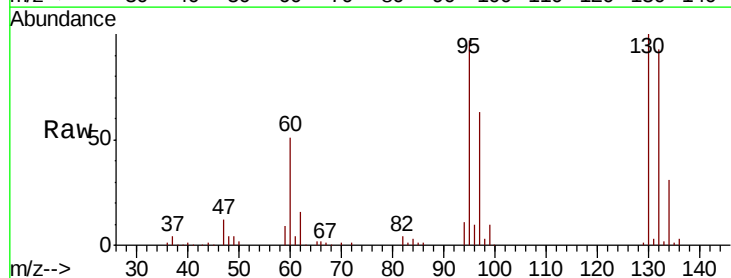
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



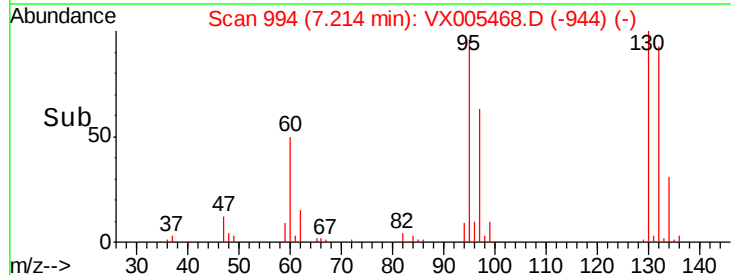
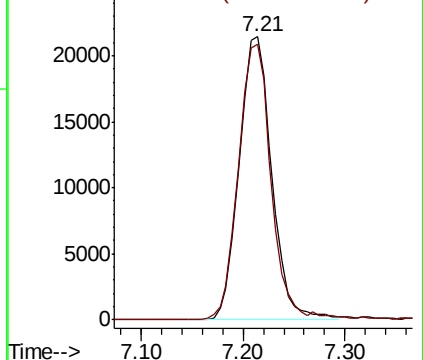
#44

Trichloroethene
 Concen: 18.550 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.01 min
 Lab File: VX005468.D
 Acq: 22 Oct 2018 14:19

Tgt Ion:130 Resp: 47627
 Ion Ratio Lower Upper
 130 100
 95 97.3 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: 19.955 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VX005468.D

Acq: 22 Oct 2018 14:19

Instrument :

MSVOA_X

ClientSampled :

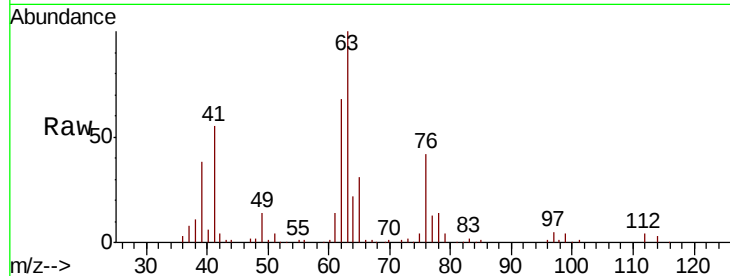
VX1022WBS01

Tot Ion: 63 Resp: 48205

Ion Ratio Lower Upper

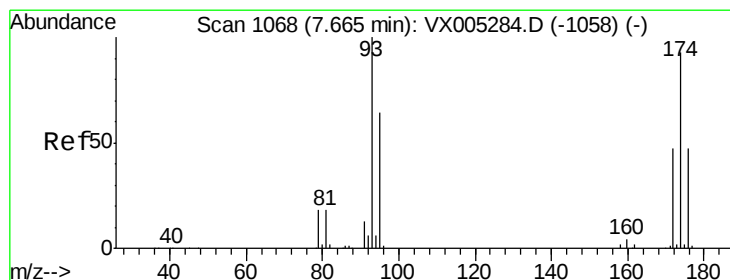
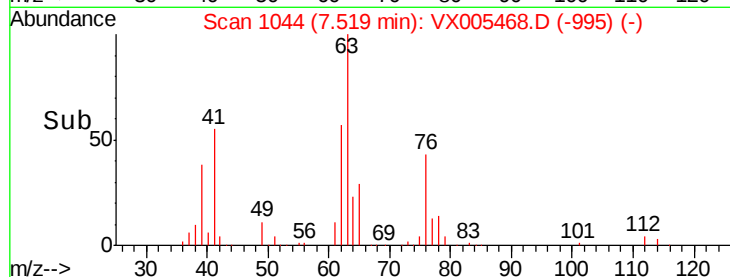
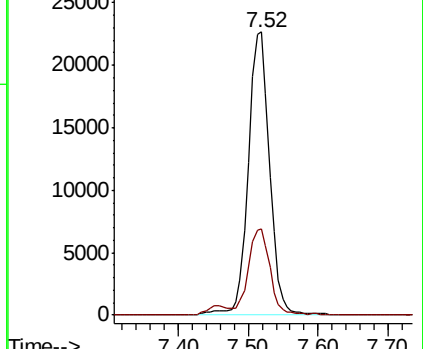
63 100

65 30.7 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: 19.072 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VX005468.D

Acq: 22 Oct 2018 14:19

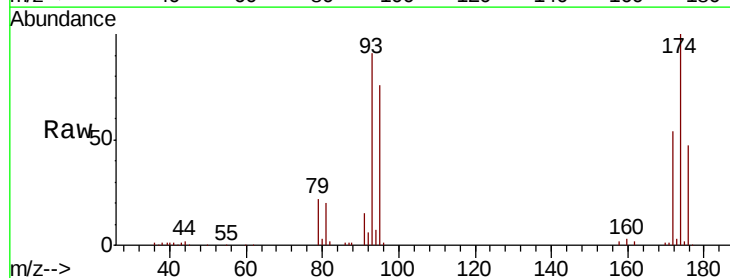
Tgt Ion: 93 Resp: 30407

Ion Ratio Lower Upper

93 100

95 81.9 65.5 98.3

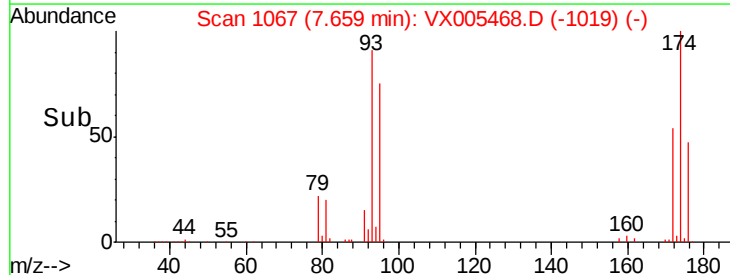
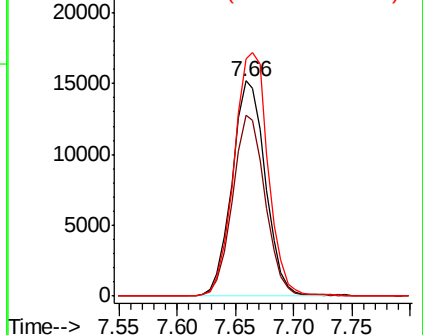
174 115.4 94.2 141.4

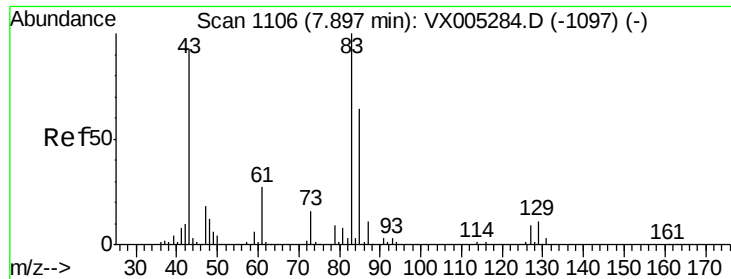


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.229 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX005468.D

Acq: 22 Oct 2018 14:19

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBS01

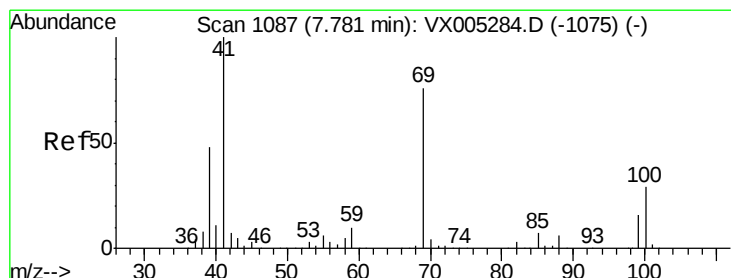
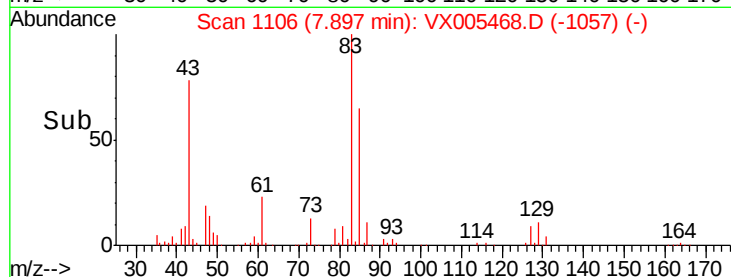
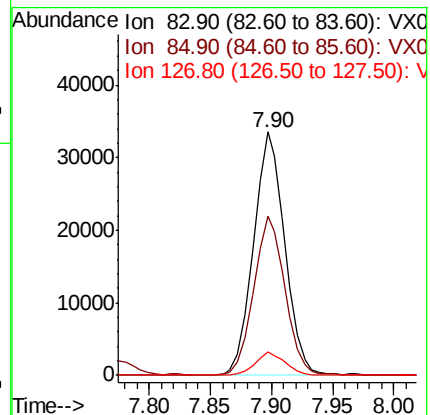
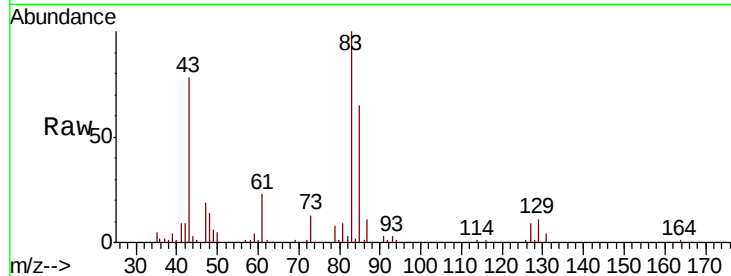
Tot Ion: 83 Resp: 59656

Ion Ratio Lower Upper

83 100

85 65.2 50.9 76.3

127 9.4 7.3 10.9



#48

Methyl methacrylate

Concen: 20.196 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.01 min

Lab File: VX005468.D

Acq: 22 Oct 2018 14:19

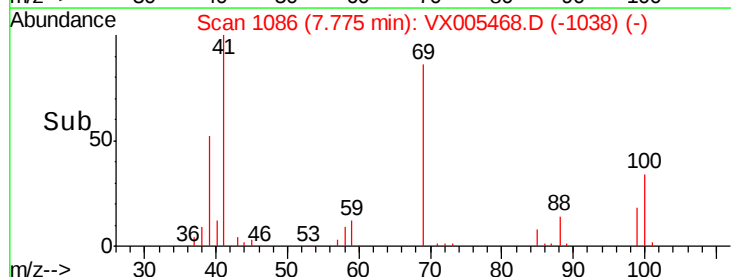
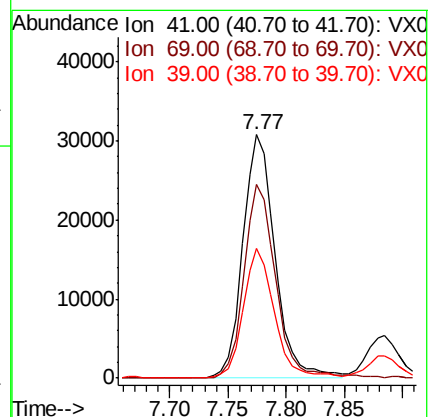
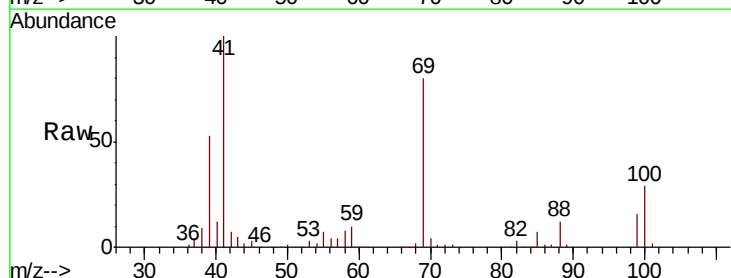
Tgt Ion: 41 Resp: 58908

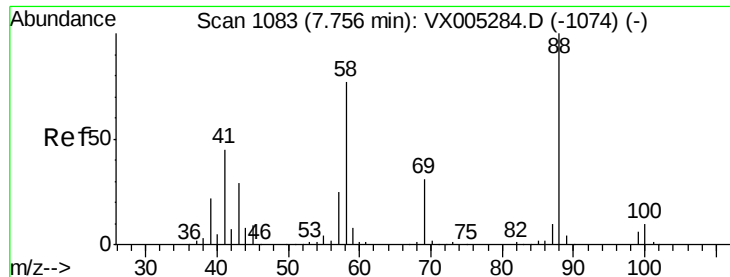
Ion Ratio Lower Upper

41 100

69 79.6 70.2 105.4

39 52.3 42.7 64.1

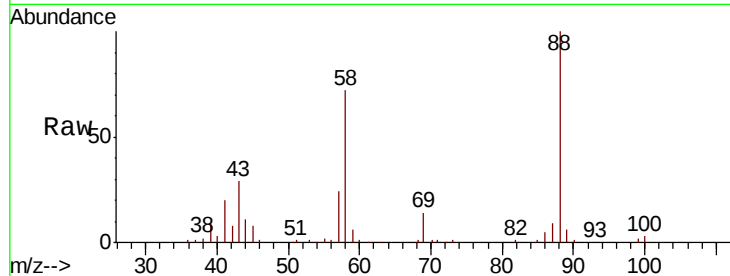




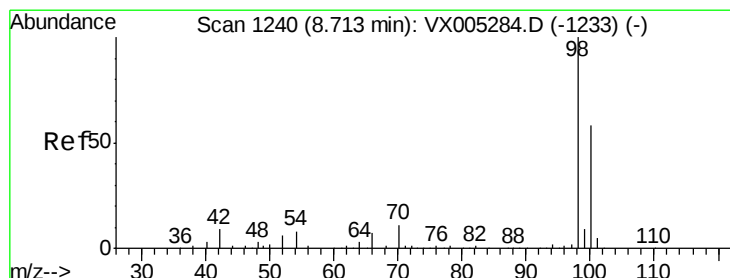
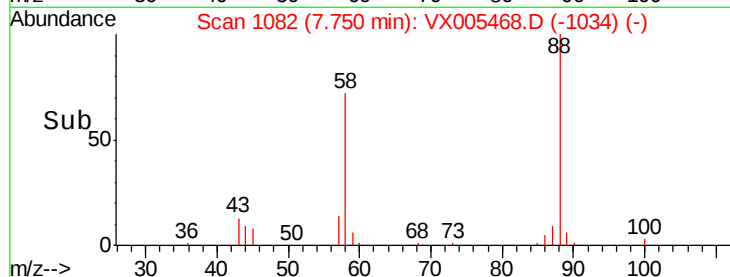
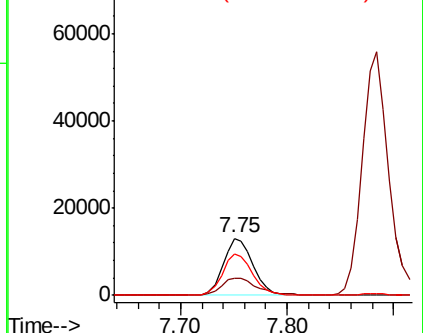
#49
1,4-Dioxane
Concen: 380.826 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VX005468.D
Acq: 22 Oct 2018 14:19

Instrument :
MSVOA_X
ClientSampleId :
VX1022WBS01

Tot Ion: 88 Resp: 25620
Ion Ratio Lower Upper
88 100
43 34.1 24.7 37.1
58 73.7 55.3 82.9

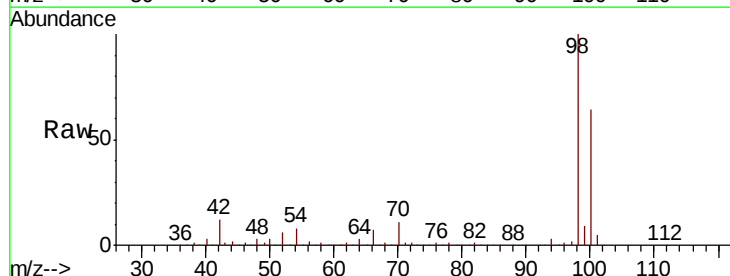


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

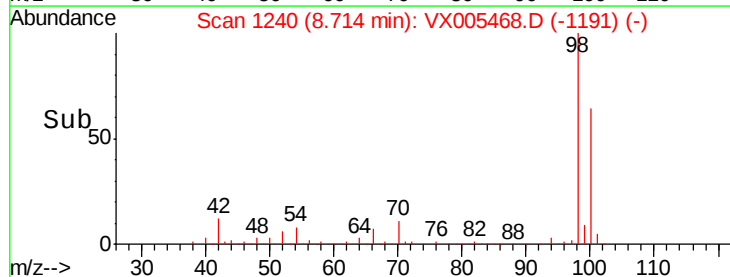
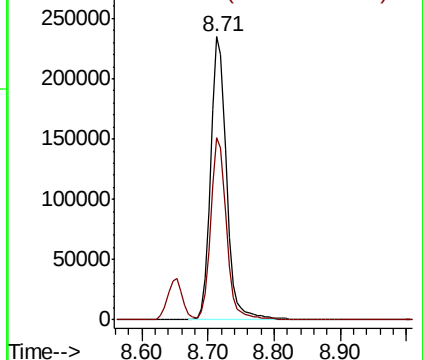


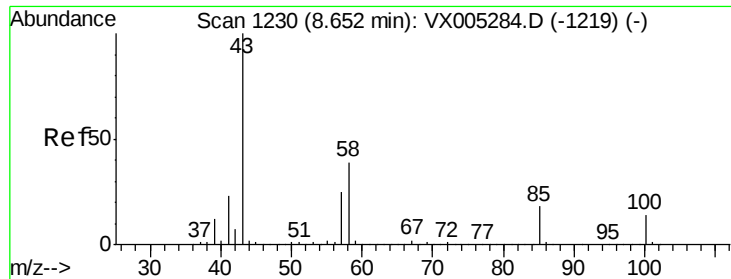
#50
Toluene-d8
Concen: 50.488 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX005468.D
Acq: 22 Oct 2018 14:19

Tgt Ion: 98 Resp: 389122
Ion Ratio Lower Upper
98 100
100 64.0 52.9 79.3



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





#51

4-Methyl-2-Pentanone

Concen: 105.798 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.01 min

Lab File: VX005468.D

Acq: 22 Oct 2018 14:19

Instrument :

MSVOA_X

ClientSampleId :

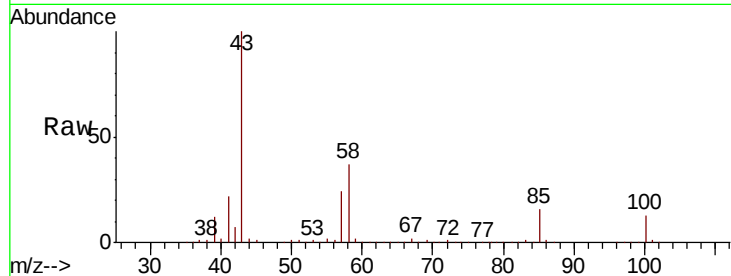
VX1022WBS01

Tot Ion: 43 Resp: 411977

Ion Ratio Lower Upper

43 100

58 37.0 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VX005284.D (-1219) (-)

Ion 58.00 (57.70 to 58.70): VX005284.D (-1219) (-)

8.65

250000

200000

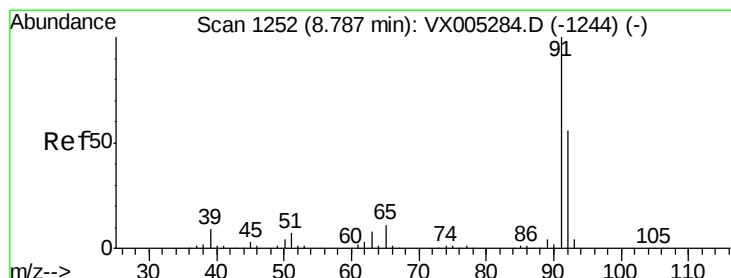
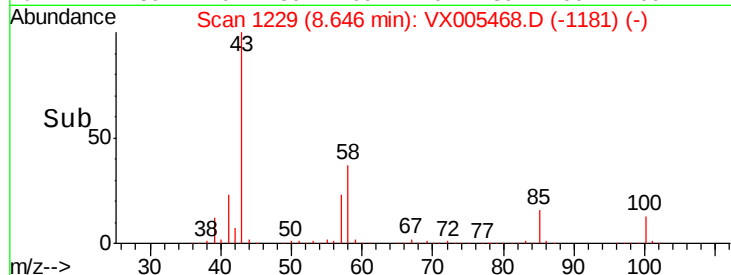
150000

100000

50000

0

Time--> 8.50 8.60 8.70 8.80



#52

Toluene

Concen: 20.236 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX005468.D

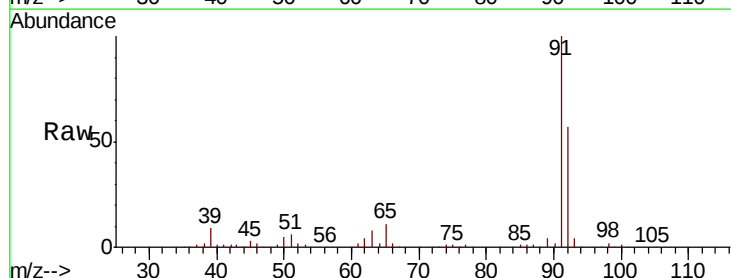
Acq: 22 Oct 2018 14:19

Tgt Ion: 92 Resp: 109021

Ion Ratio Lower Upper

92 100

91 175.8 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX005284.D (-1244) (-)

Ion 91.00 (90.70 to 91.70): VX005284.D (-1244) (-)

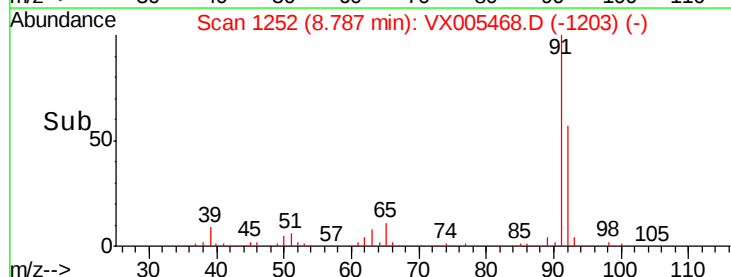
8.79

100000

50000

0

Time--> 8.70 8.80 8.90





#53

t-1,3-Dichloropropene

Concen: 20.412 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX005468.D

Acq: 22 Oct 2018 14:19

Instrument :

MSVOA_X

ClientSampleId :

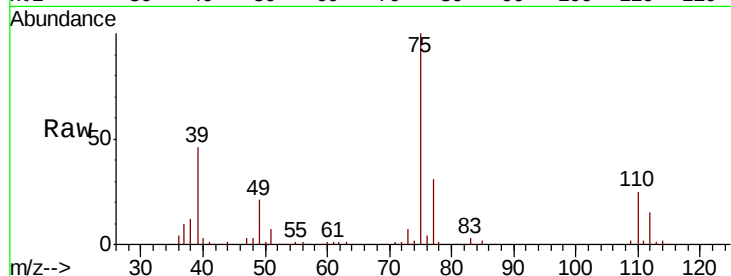
VX1022WBS01

Tot Ion: 75 Resp: 65145

Ion Ratio Lower Upper

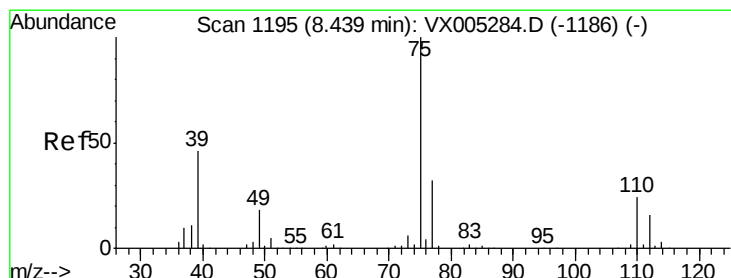
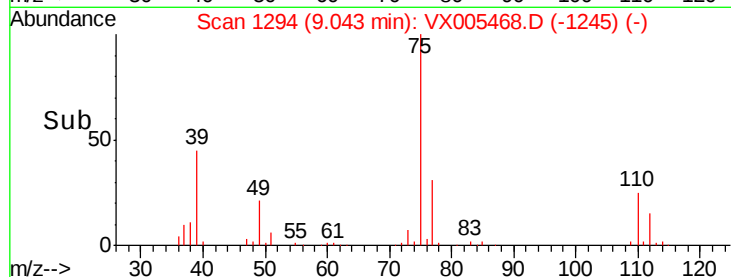
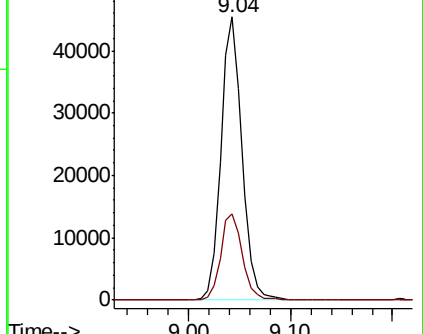
75 100

77 30.7 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: 20.488 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.01 min

Lab File: VX005468.D

Acq: 22 Oct 2018 14:19

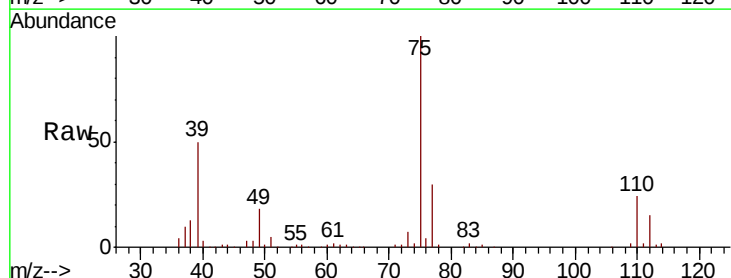
Tgt Ion: 75 Resp: 70850

Ion Ratio Lower Upper

75 100

77 29.9 26.2 39.2

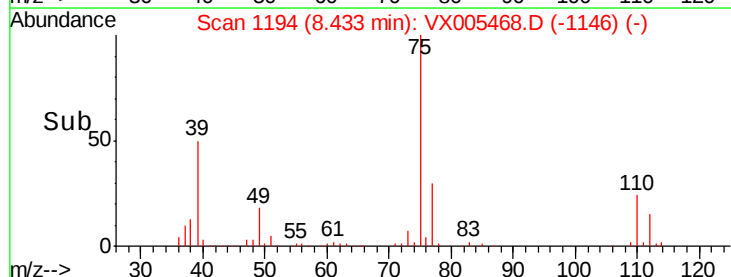
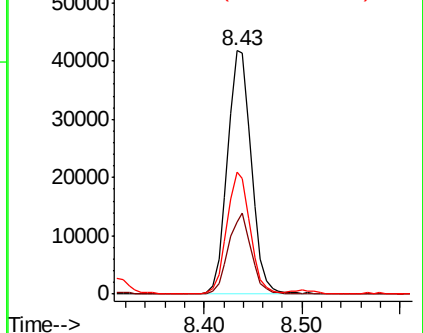
39 49.7 36.4 54.6

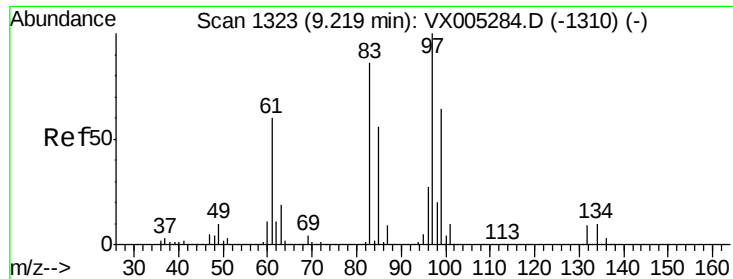


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

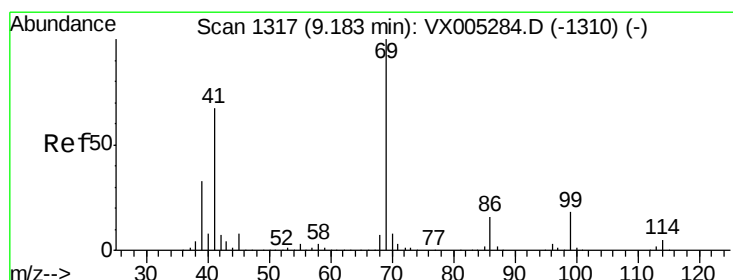
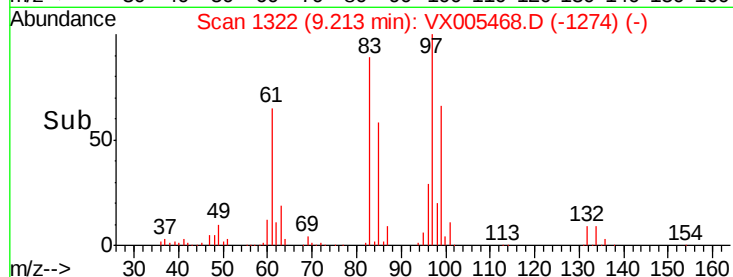
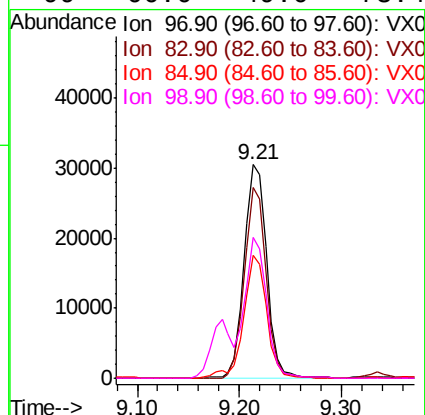
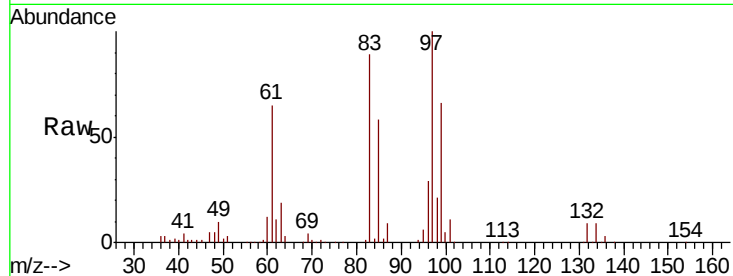




#55
 1,1,2-Trichloroethane
 Concen: 20.513 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: VX005468.D
 Acq: 22 Oct 2018 14:19

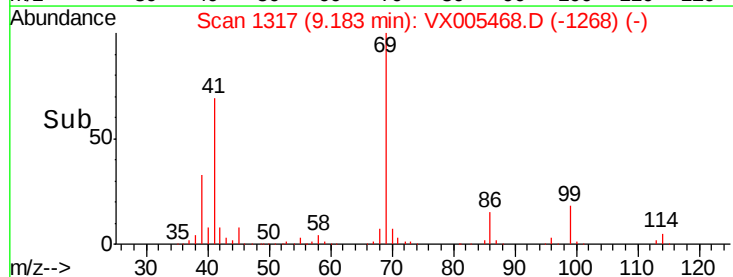
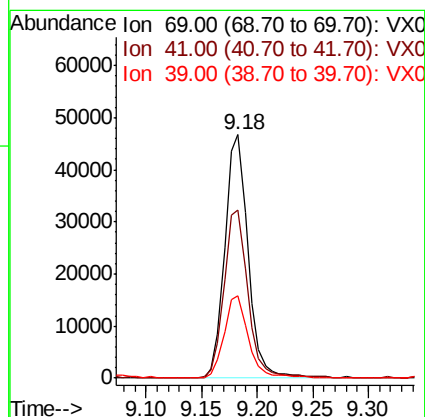
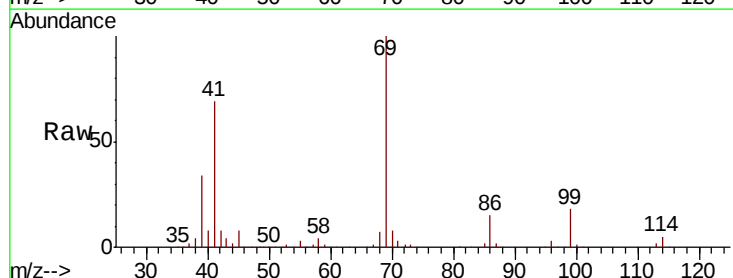
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1022WBS01

Tot Ion:	97	Resp:	46809
Ion	Ratio	Lower	Upper
97	100		
83	89.2	66.4	99.6
85	57.8	43.3	64.9
99	66.0	49.0	73.4



#56
 Ethyl methacrylate
 Concen: 20.437 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX005468.D
 Acq: 22 Oct 2018 14:19

Tgt Ion:	69	Resp:	67985
Ion	Ratio	Lower	Upper
69	100		
41	70.6	51.0	76.4
39	34.7	26.1	39.1





#57

1,3-Dichloropropane

Concen: 20.364 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX005468.D

Acq: 22 Oct 2018 14:19

Instrument :

MSVOA_X

ClientSampleId :

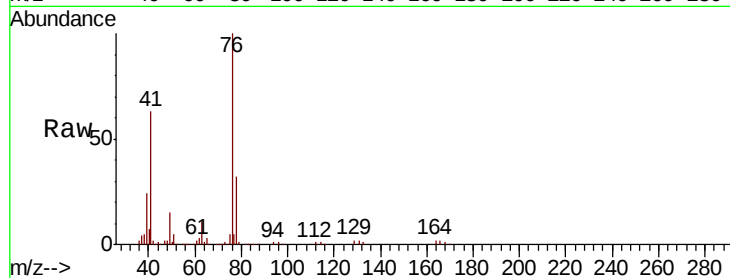
VX1022WBS01

Tot Ion: 76 Resp: 77561

Ion Ratio Lower Upper

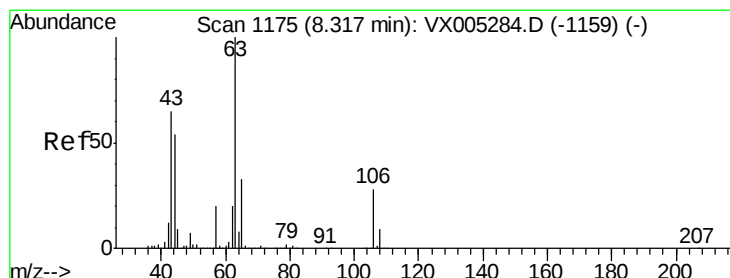
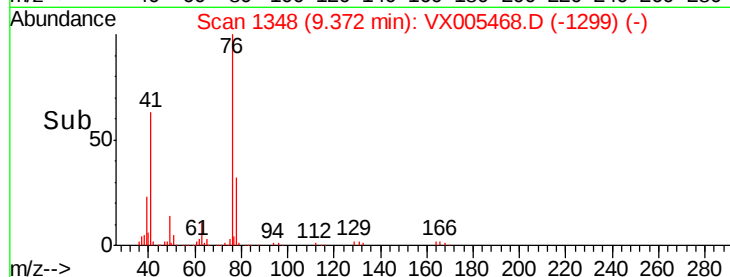
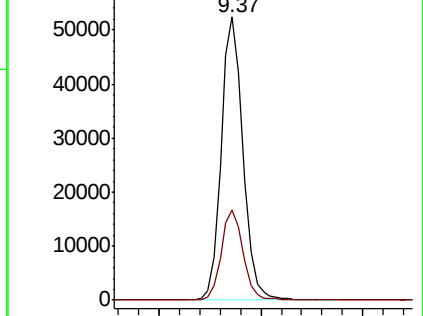
76 100

78 32.2 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: 104.913 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.01 min

Lab File: VX005468.D

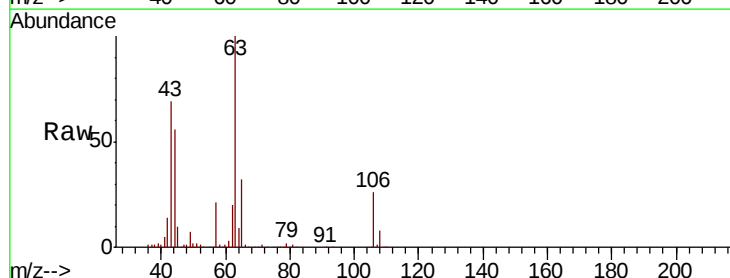
Acq: 22 Oct 2018 14:19

Tgt Ion: 63 Resp: 195729

Ion Ratio Lower Upper

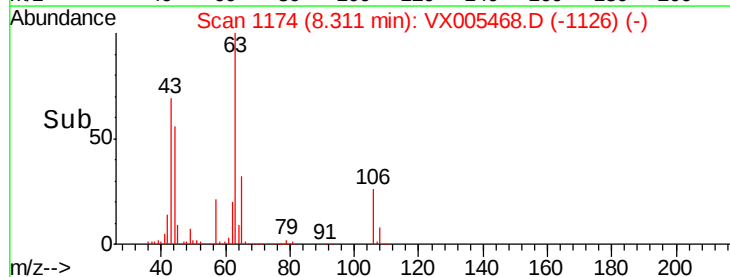
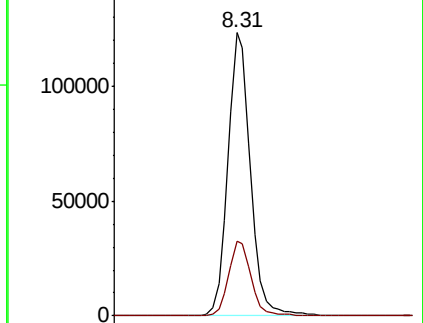
63 100

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

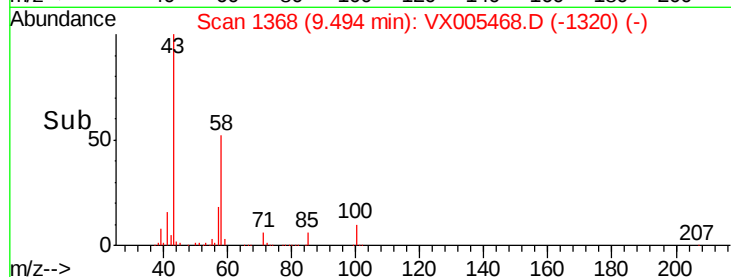
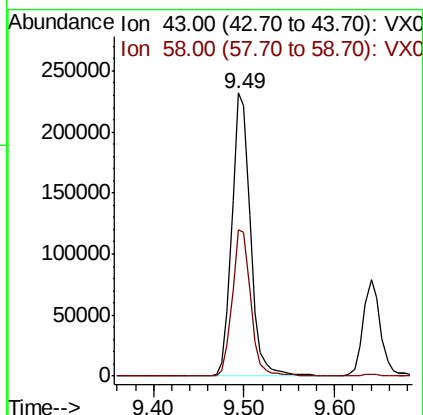
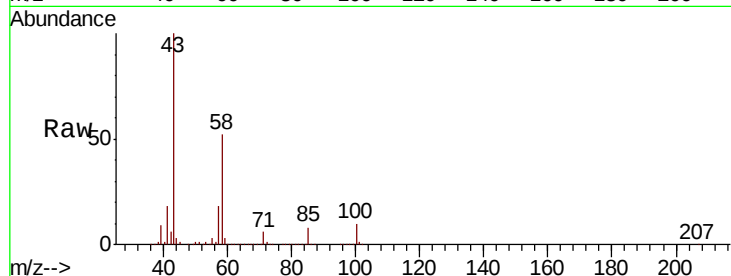




#59
2-Hexanone
Concen: 104.797 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX005468.D
Acq: 22 Oct 2018 14:19

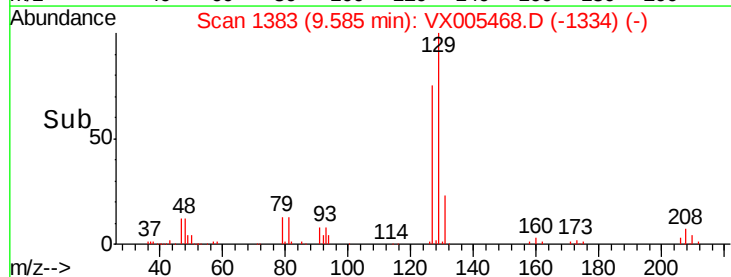
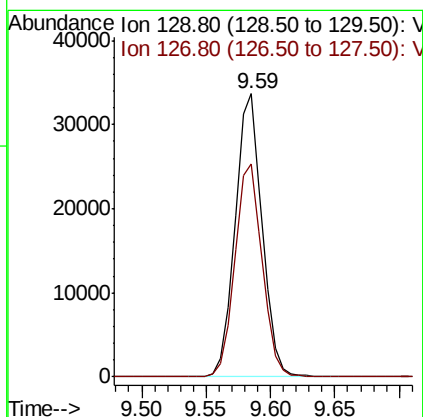
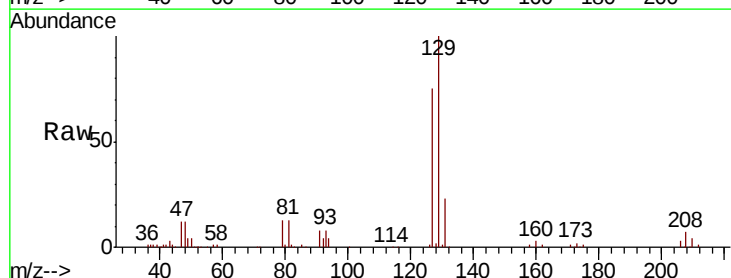
Instrument :
MSVOA_X
ClientSampled :
VX1022WBS01

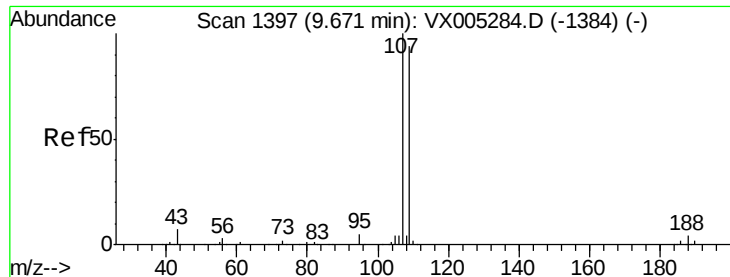
Tot Ion: 43 Resp: 328259
Ion Ratio Lower Upper
43 100
58 51.9 29.0 87.0



#60
Dibromochloromethane
Concen: 20.648 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX005468.D
Acq: 22 Oct 2018 14:19

Tgt Ion:129 Resp: 48704
Ion Ratio Lower Upper
129 100
127 76.5 38.5 115.5





#61

1,2-Dibromoethane

Concen: 20.274 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX005468.D

Acq: 22 Oct 2018 14:19

Instrument :

MSVOA_X

ClientSampleId :

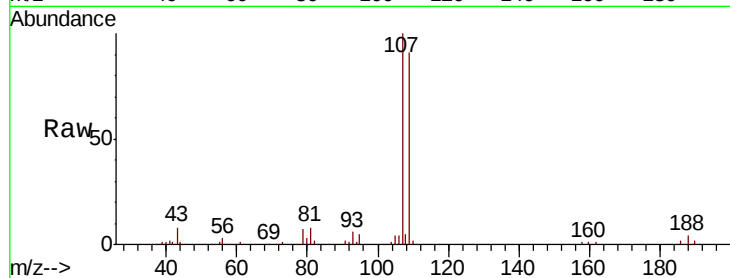
VX1022WBS01

Tot Ion:107 Resp: 48552

Ion Ratio Lower Upper

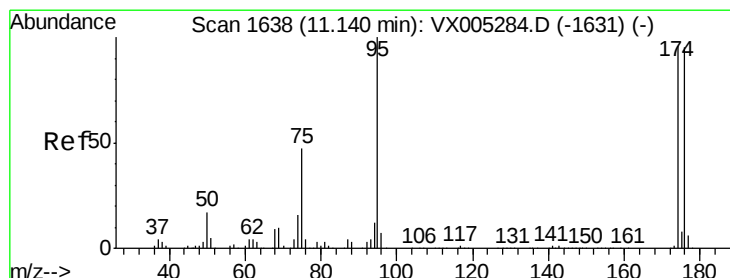
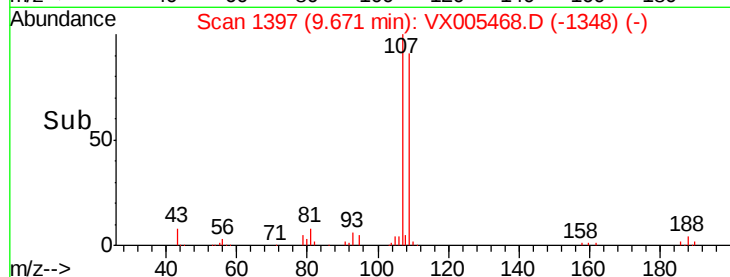
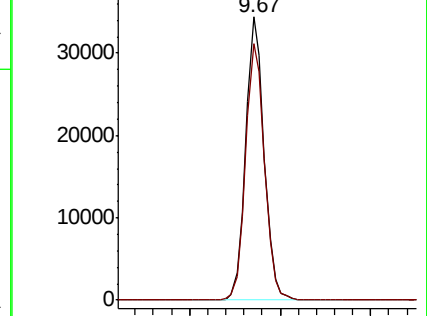
107 100

109 93.3 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.455 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005468.D

Acq: 22 Oct 2018 14:19

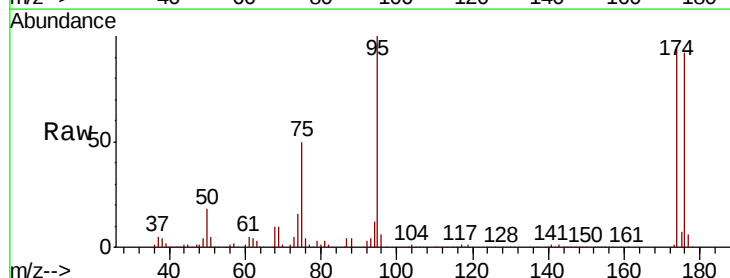
Tgt Ion: 95 Resp: 148980

Ion Ratio Lower Upper

95 100

174 91.1 0.0 185.2

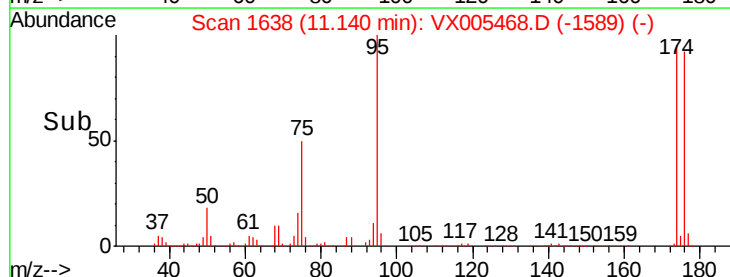
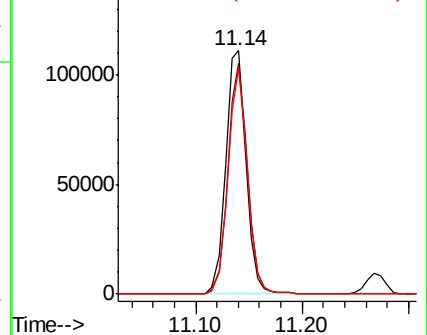
176 88.4 0.0 178.6

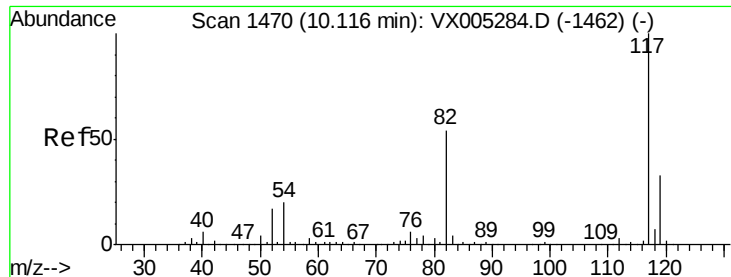


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

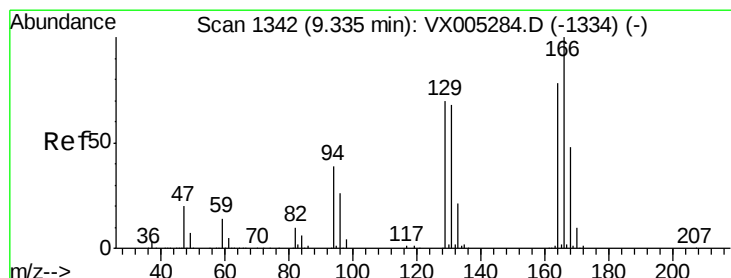
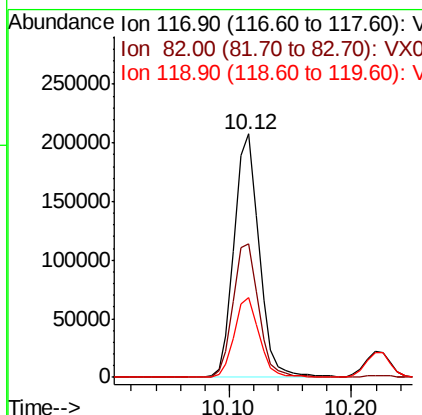
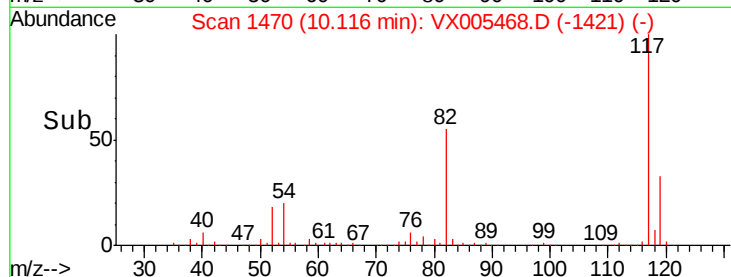
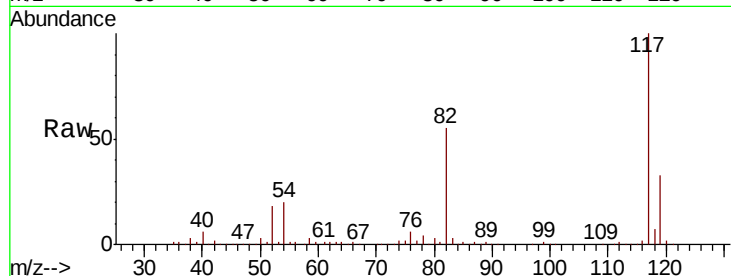




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005468.D
Acq: 22 Oct 2018 14:19

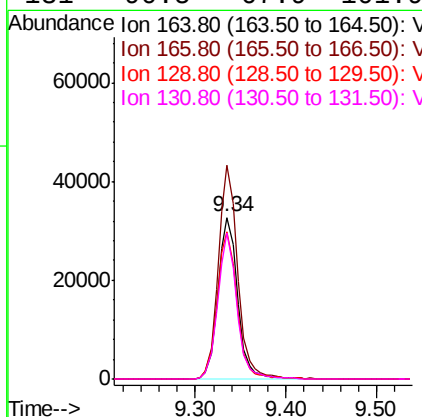
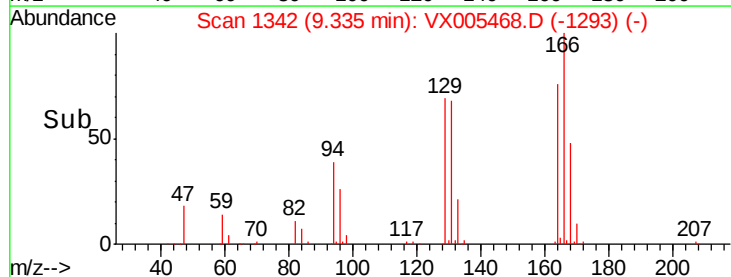
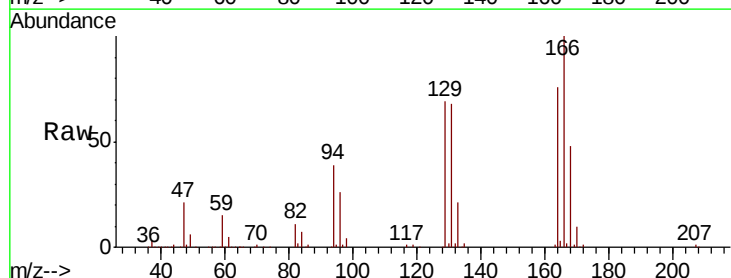
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBS01

Tot Ion:117 Resp: 294405
Ion Ratio Lower Upper
117 100
82 54.7 47.8 71.6
119 32.8 29.3 43.9



#64
Tetrachloroethene
Concen: 21.031 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX005468.D
Acq: 22 Oct 2018 14:19

Tgt Ion:164 Resp: 49846
Ion Ratio Lower Upper
164 100
166 132.2 102.8 154.2
129 91.4 69.4 104.0
131 90.5 67.9 101.9





#65

Chlorobenzene

Concen: 20.000 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX005468.D

Acq: 22 Oct 2018 14:19

Instrument :

MSVOA_X

ClientSampled :

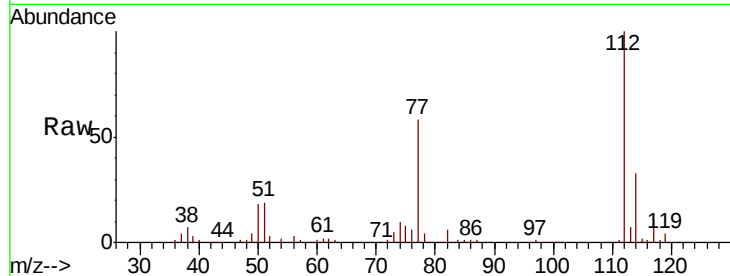
VX1022WBS01

Tot Ion:112 Resp: 125245

Ion Ratio Lower Upper

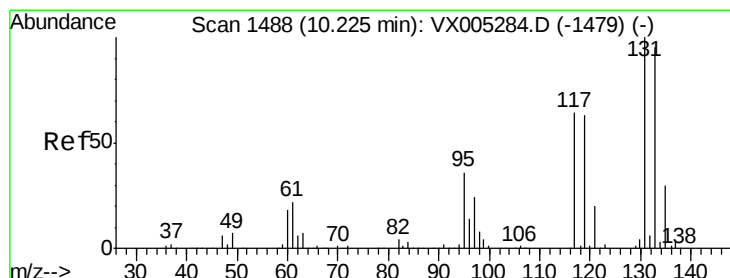
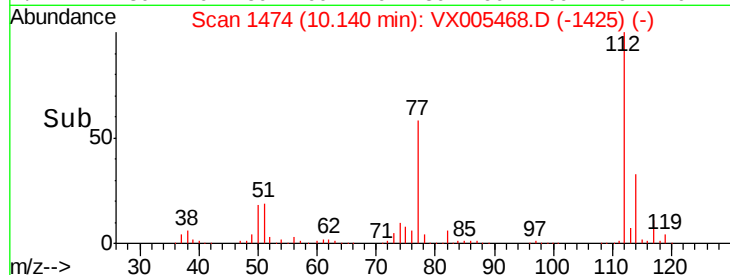
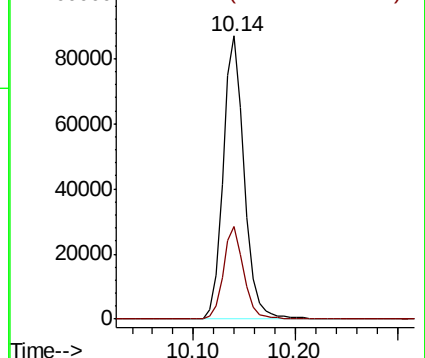
112 100

114 32.6 27.8 41.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.924 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.01 min

Lab File: VX005468.D

Acq: 22 Oct 2018 14:19

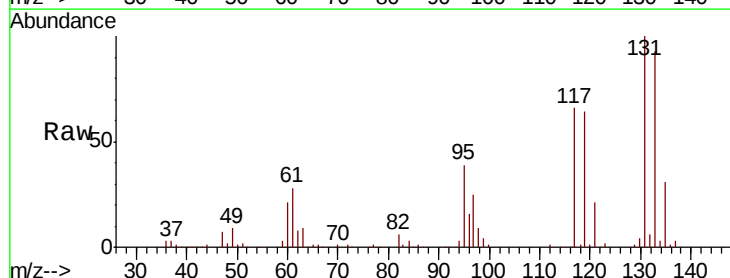
Tgt Ion:131 Resp: 46694

Ion Ratio Lower Upper

131 100

133 95.6 48.1 144.4

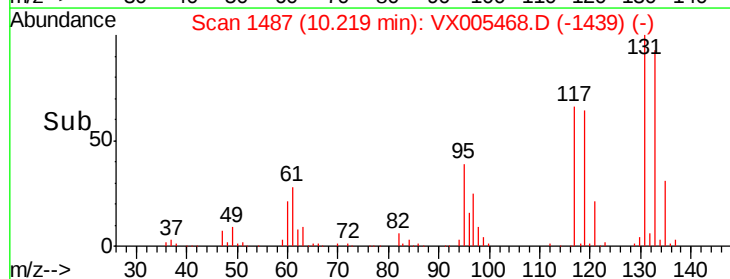
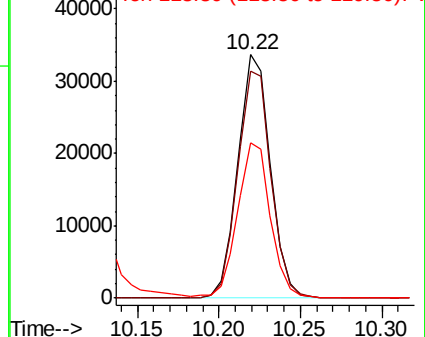
119 64.8 32.9 98.6

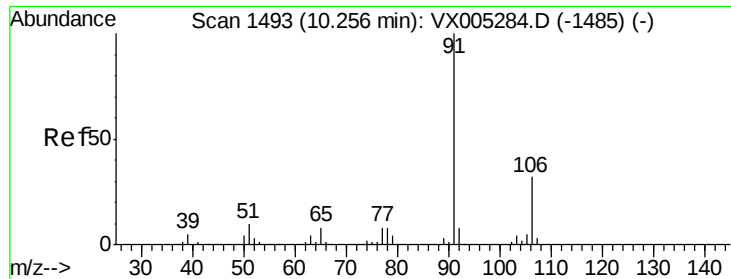


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 20.642 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.01 min

Lab File: VX005468.D

Acq: 22 Oct 2018 14:19

Instrument :

MSVOA_X

ClientSampled :

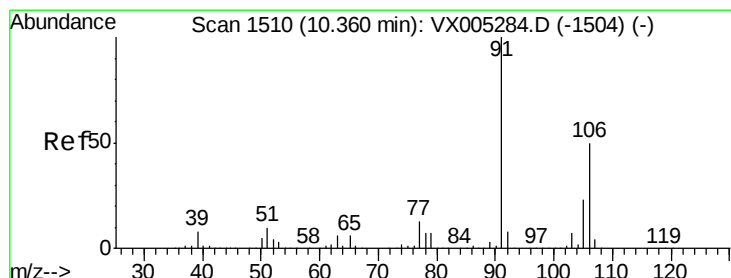
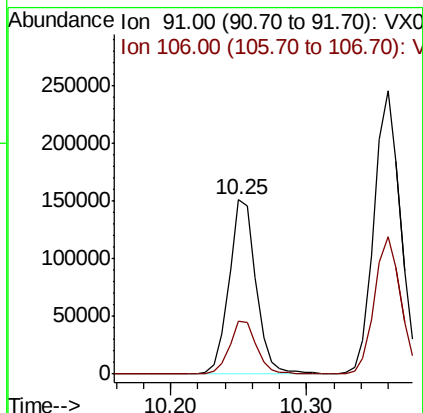
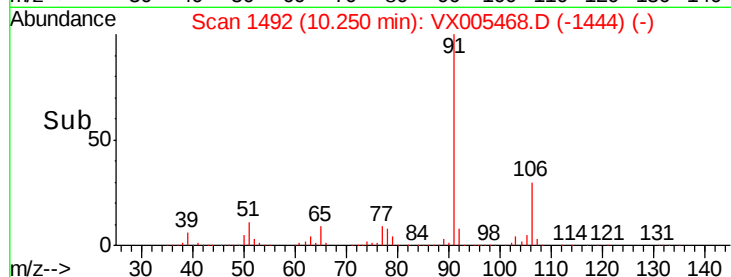
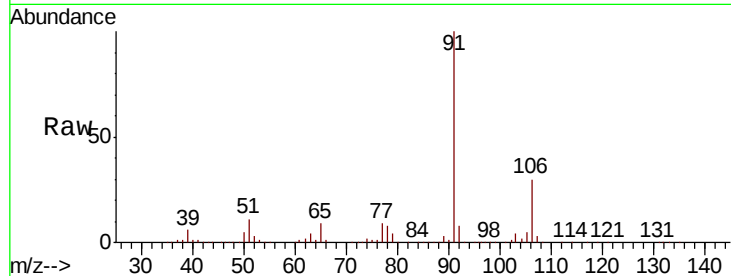
VX1022WBS01

Tot Ion: 91 Resp: 210149

Ion Ratio Lower Upper

91 100

106 30.2 25.9 38.9



#68

m/p-Xylenes

Concen: 41.374 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX005468.D

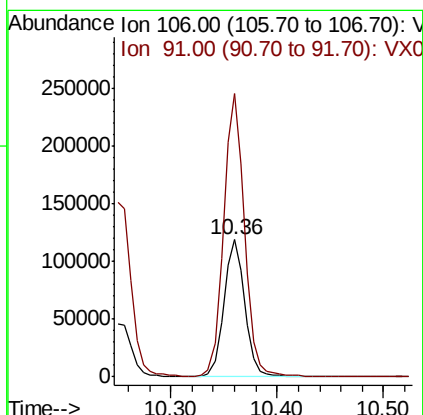
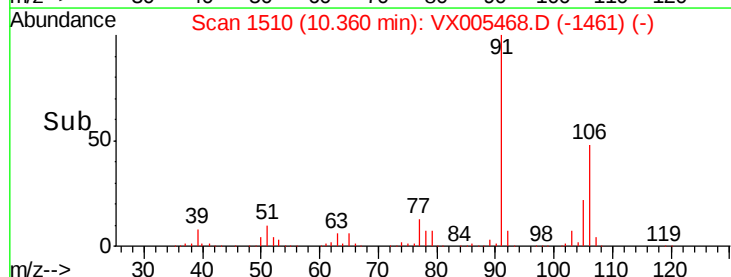
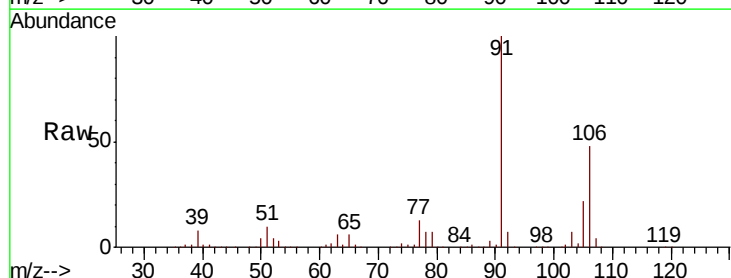
Acq: 22 Oct 2018 14:19

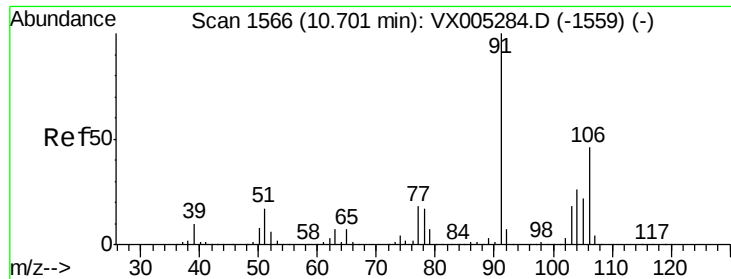
Tgt Ion: 106 Resp: 163485

Ion Ratio Lower Upper

106 100

91 206.4 157.1 235.7

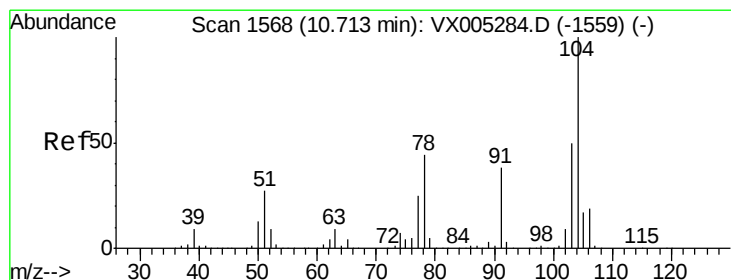
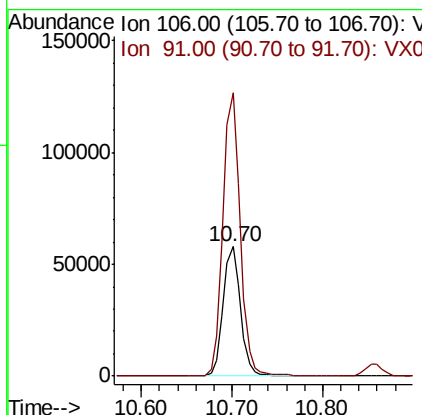
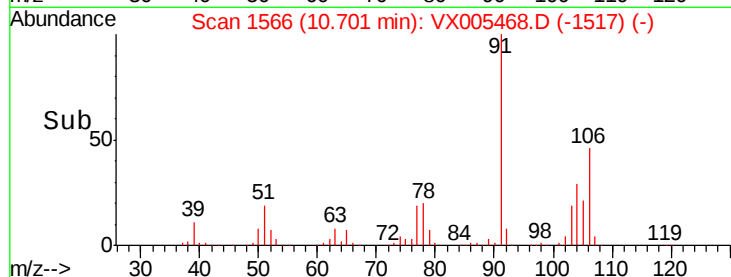
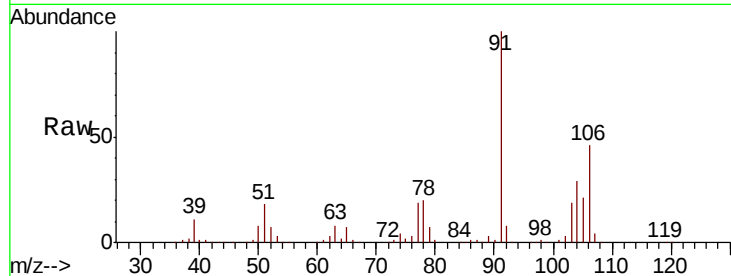




#69
o-Xylene
Concen: 20.375 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX005468.D
Acq: 22 Oct 2018 14:19

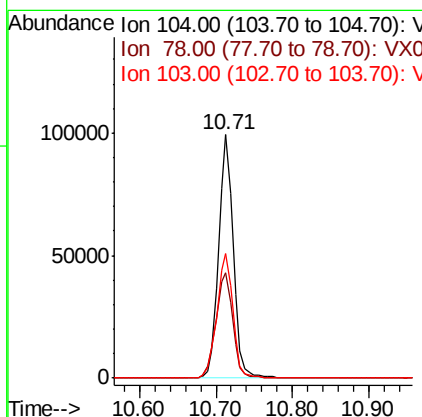
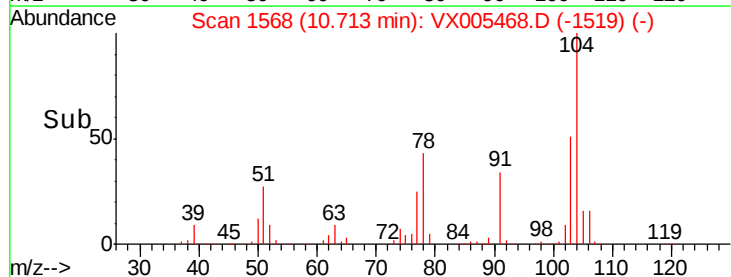
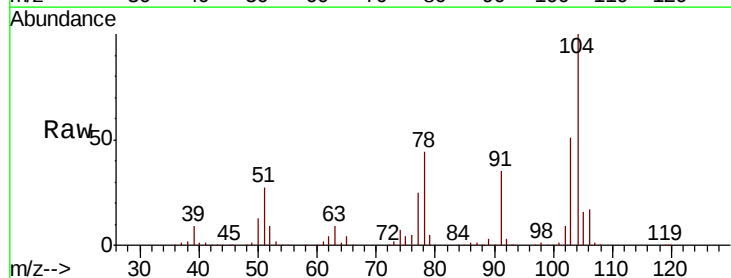
Instrument :
MSVOA_X
ClientSampled :
VX1022WBS01

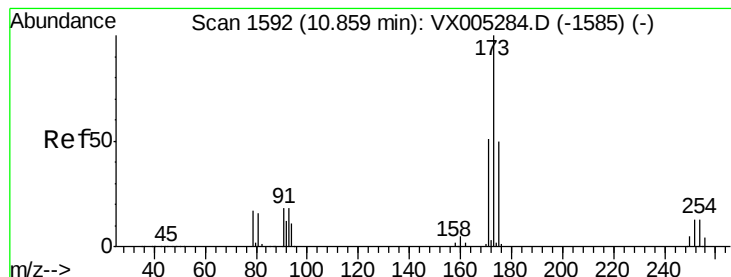
Tot Ion:106 Resp: 77645
Ion Ratio Lower Upper
106 100
91 217.9 105.1 315.1



#70
Styrene
Concen: 21.044 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX005468.D
Acq: 22 Oct 2018 14:19

Tgt Ion:104 Resp: 131910
Ion Ratio Lower Upper
104 100
78 50.2 37.4 56.0
103 56.1 43.8 65.6





#71

Bromoform

Concen: 19.603 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX005468.D

Acq: 22 Oct 2018 14:19

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBS01

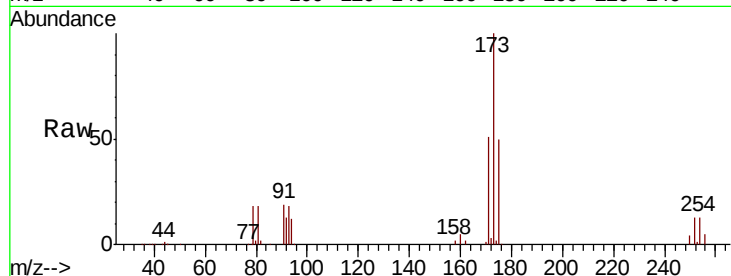
Tot Ion:173 Resp: 39094

Ion Ratio Lower Upper

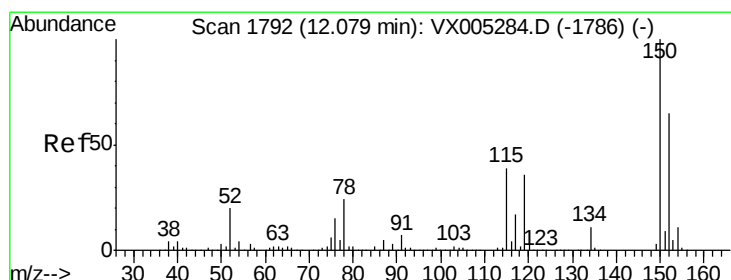
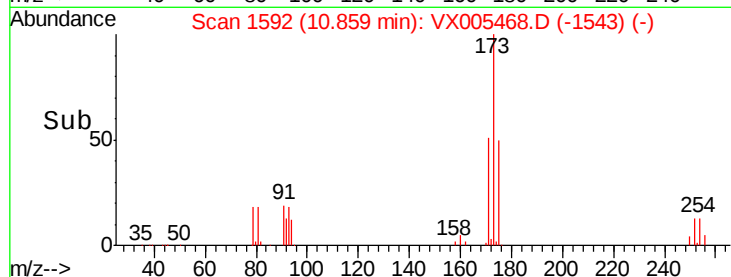
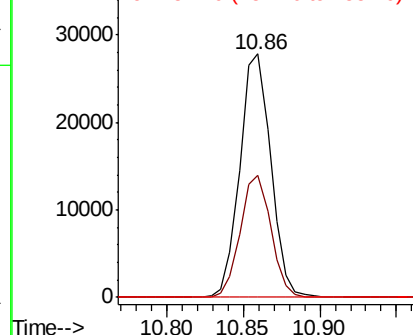
173 100

175 49.7 24.1 72.3

254 0.0 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX005468.D

Acq: 22 Oct 2018 14:19

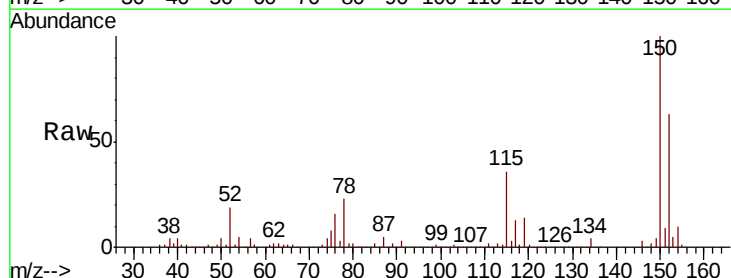
Tgt Ion:152 Resp: 170557

Ion Ratio Lower Upper

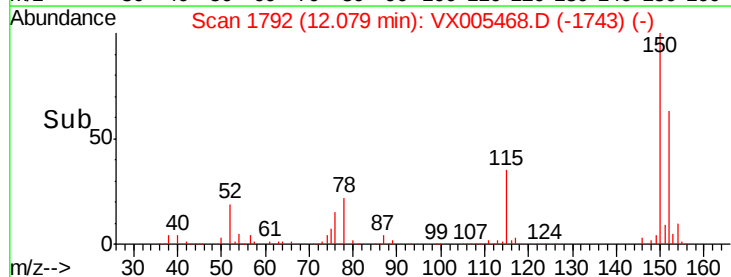
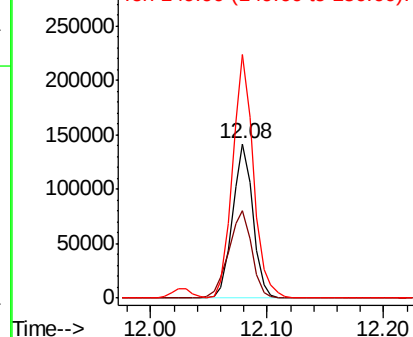
152 100

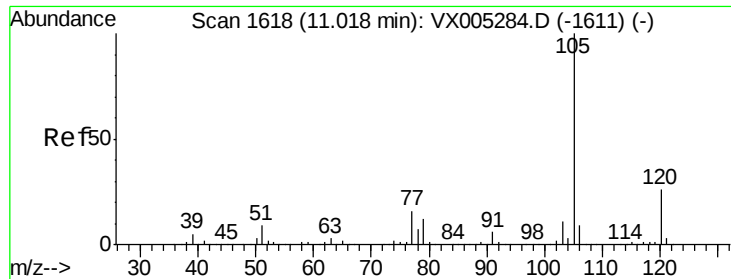
115 64.8 39.0 117.0

150 162.8 0.0 351.0



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





#73

Isopropylbenzene

Concen: 21.643 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX005468.D

Acq: 22 Oct 2018 14:19

Instrument :

MSVOA_X

ClientSampleId :

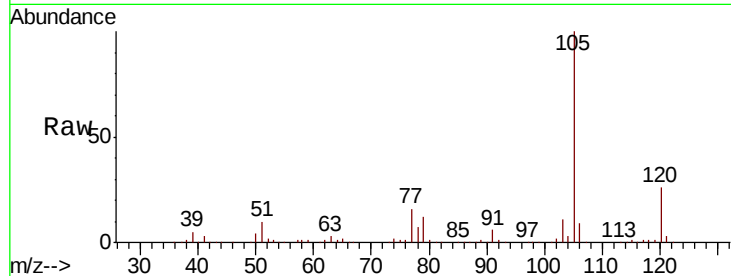
VX1022WBS01

Tot Ion:105 Resp: 219437

Ion Ratio Lower Upper

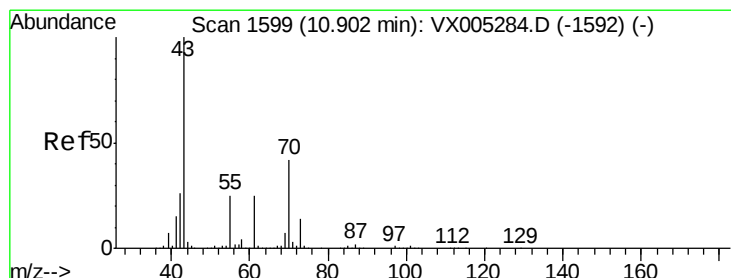
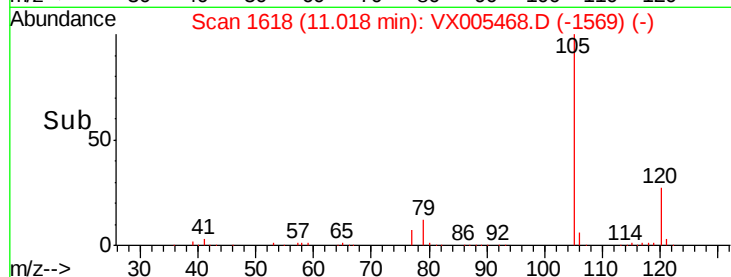
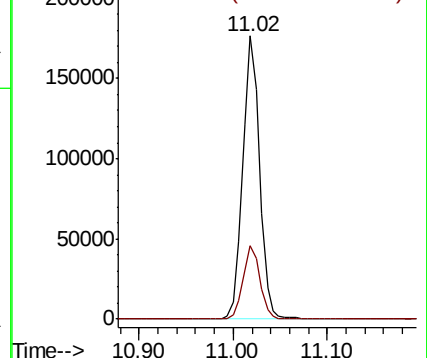
105 100

120 26.2 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: 20.777 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.01 min

Lab File: VX005468.D

Acq: 22 Oct 2018 14:19

Tgt Ion: 43 Resp: 101605

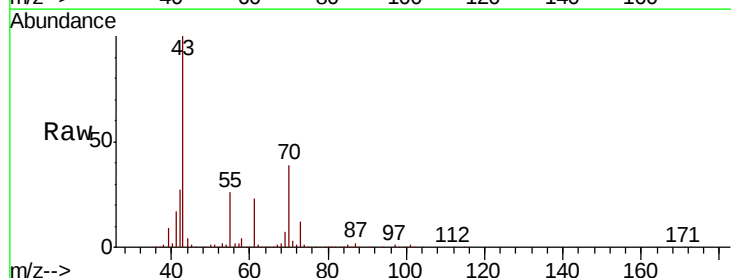
Ion Ratio Lower Upper

43 100

70 40.2 37.4 56.0

55 25.8 21.8 32.8

61 23.1 20.6 30.8

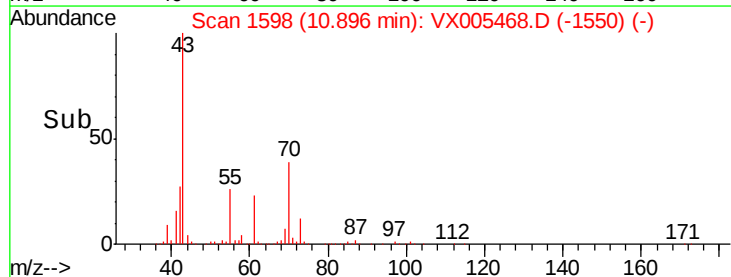
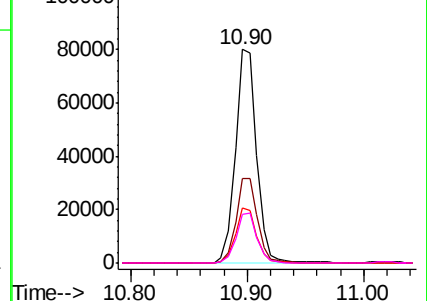


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 19.977 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX005468.D

Acq: 22 Oct 2018 14:19

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBS01

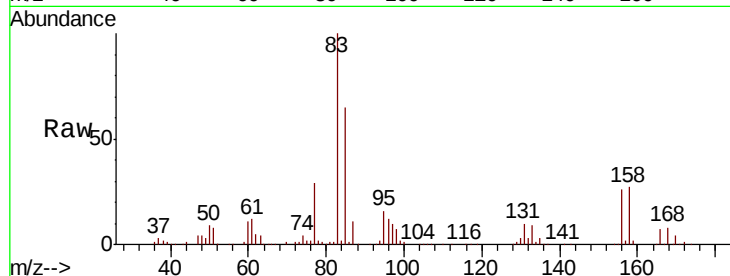
Tot Ion: 83 Resp: 76408

Ion Ratio Lower Upper

83 100

131 10.6 5.2 15.6

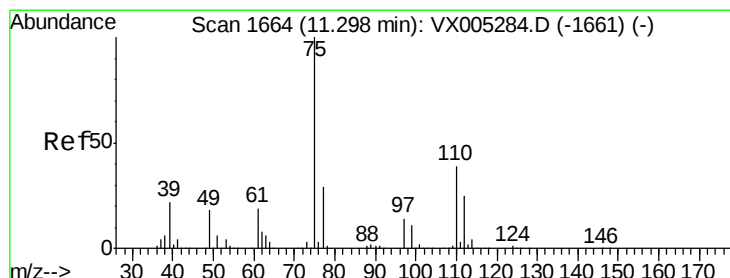
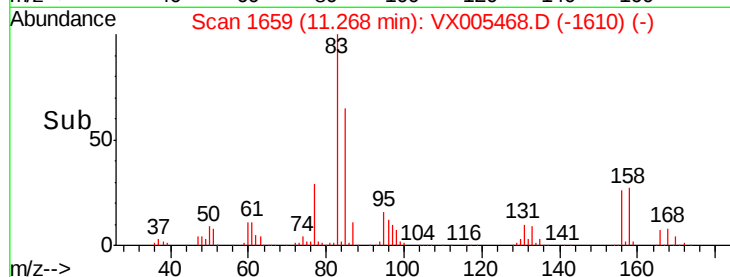
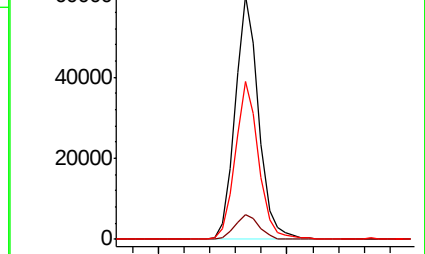
85 64.4 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX005468.D (-1652) (-)

Ion 130.80 (130.50 to 131.50): VX005468.D (-1652) (-)

Ion 84.90 (84.60 to 85.60): VX005468.D (-1652) (-)



#76

1,2,3-Trichloropropane

Concen: 26.374 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX005468.D

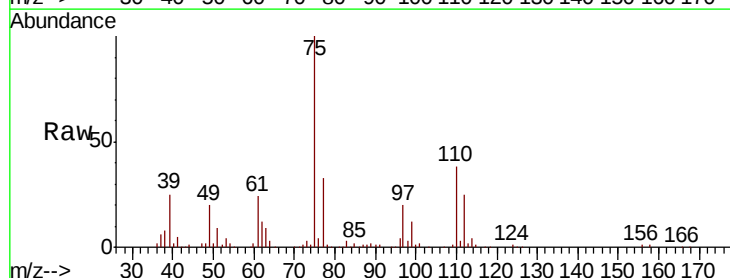
Acq: 22 Oct 2018 14:19

Tgt Ion: 75 Resp: 87253

Ion Ratio Lower Upper

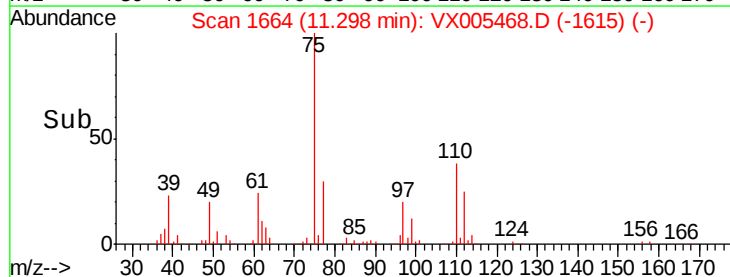
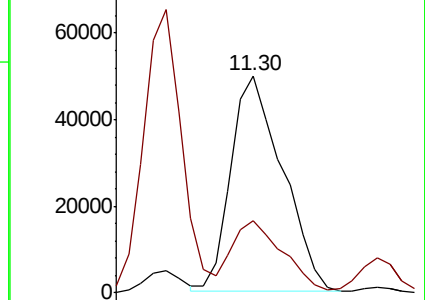
75 100

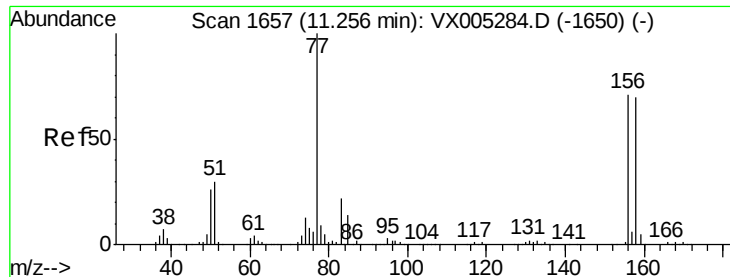
77 32.9 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX005468.D (-1661) (-)

Ion 77.00 (76.70 to 77.70): VX005468.D (-1661) (-)





#77

Bromobenzene

Concen: 20.513 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX005468.D

Acq: 22 Oct 2018 14:19

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBS01

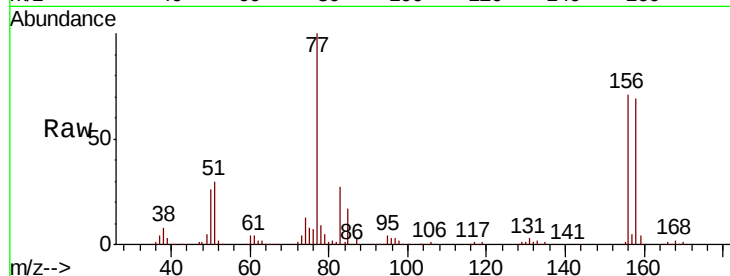
Tot Ion:156 Resp: 59468

Ion Ratio Lower Upper

156 100

77 143.0 71.5 214.3

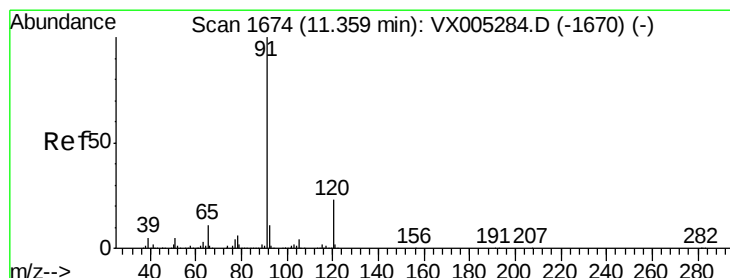
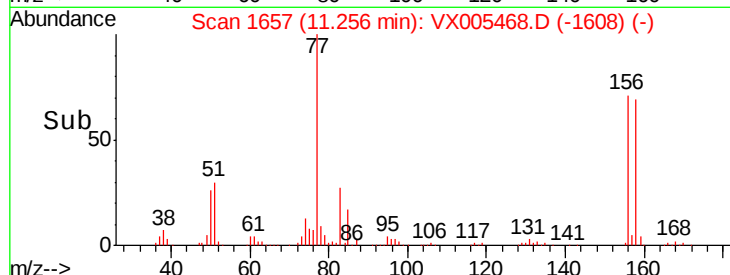
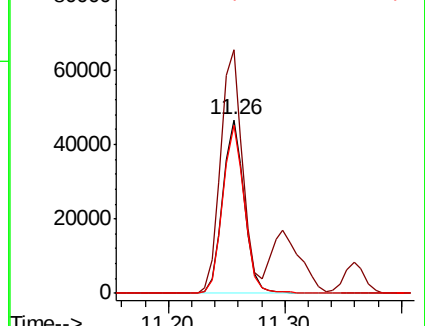
158 97.1 48.9 146.8



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: 21.749 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX005468.D

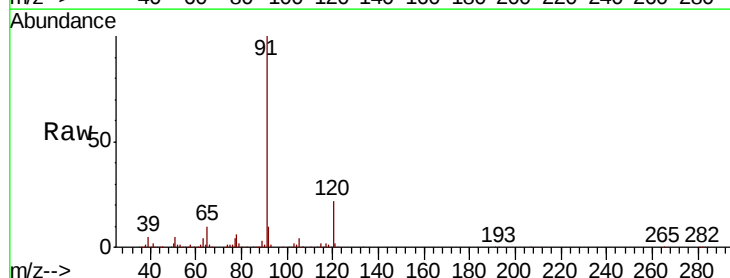
Acq: 22 Oct 2018 14:19

Tgt Ion: 91 Resp: 253751

Ion Ratio Lower Upper

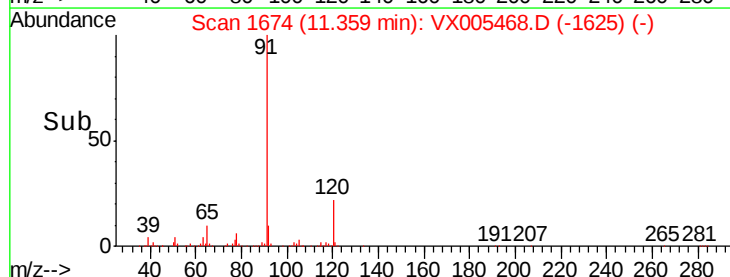
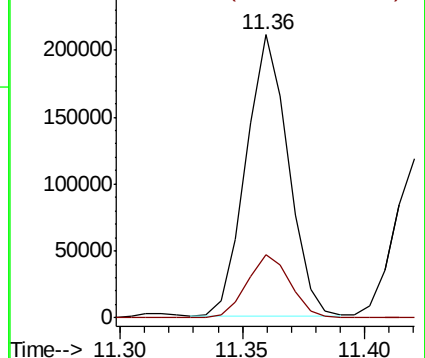
91 100

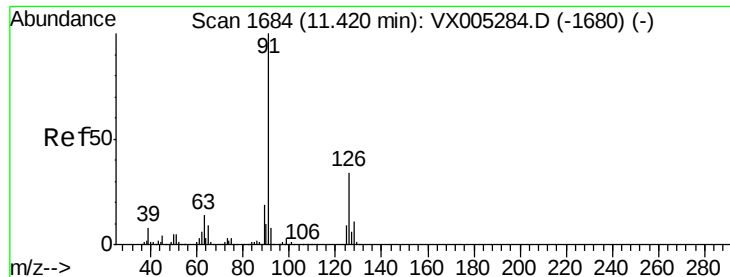
120 23.2 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

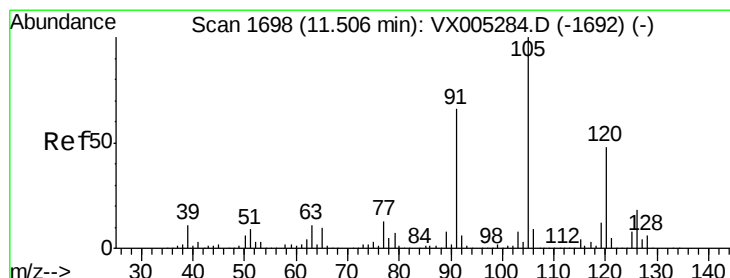
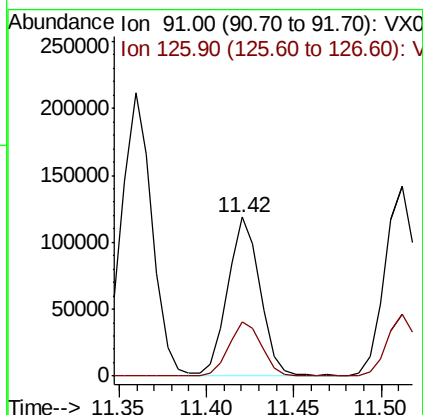
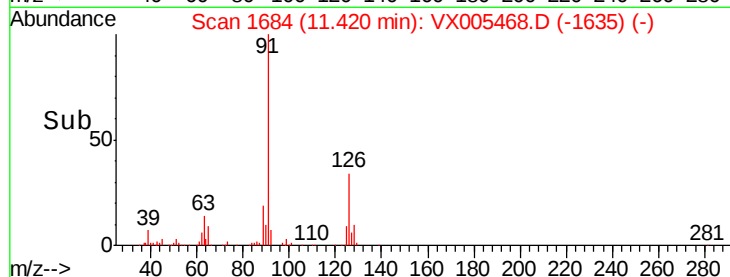
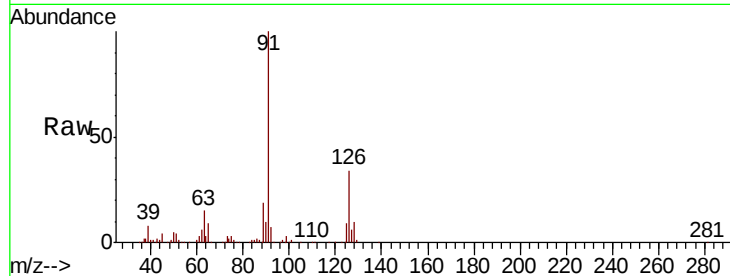




#79
 2-Chlorotoluene
 Concen: 21.204 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX005468.D
 Acq: 22 Oct 2018 14:19

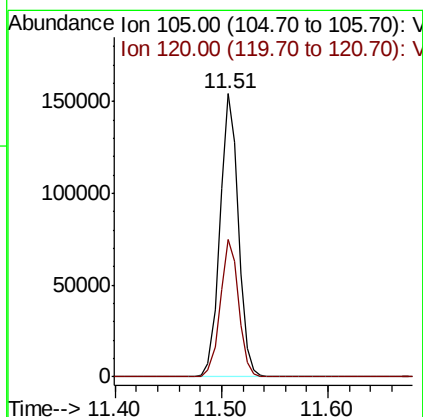
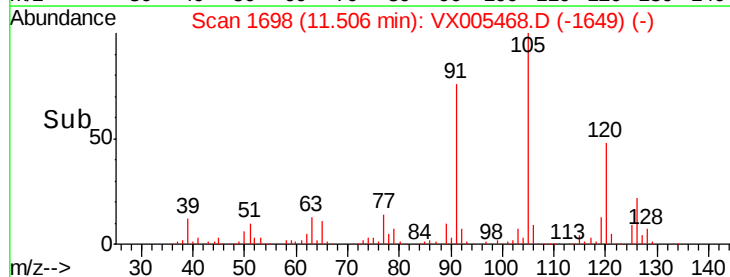
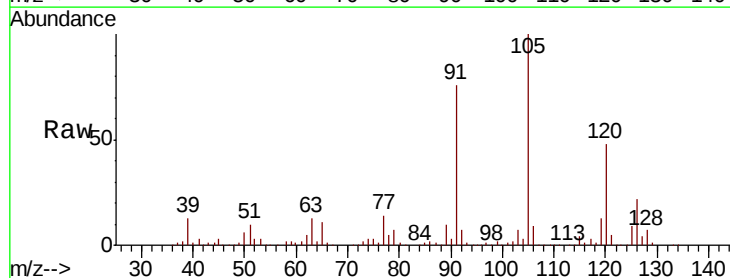
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1022WBS01

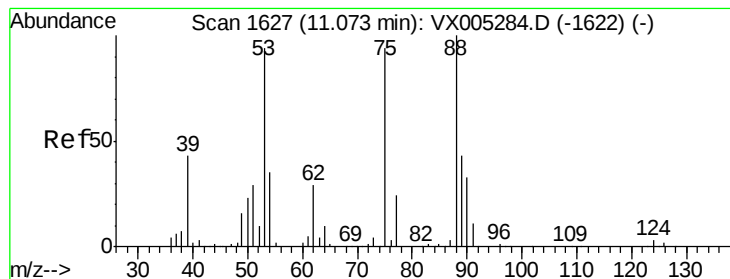
Tot Ion: 91 Resp: 151511
 Ion Ratio Lower Upper
 91 100
 126 34.9 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 21.412 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX005468.D
 Acq: 22 Oct 2018 14:19

Tgt Ion: 105 Resp: 185915
 Ion Ratio Lower Upper
 105 100
 120 48.2 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 19.678 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX005468.D

Acq: 22 Oct 2018 14:19

Instrument :

MSVOA_X

ClientSampled :

VX1022WBS01

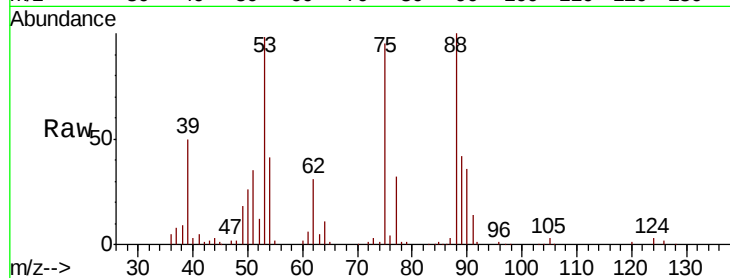
Tot Ion: 75 Resp: 21426

Ion Ratio Lower Upper

75 100

53 104.7 80.1 120.1

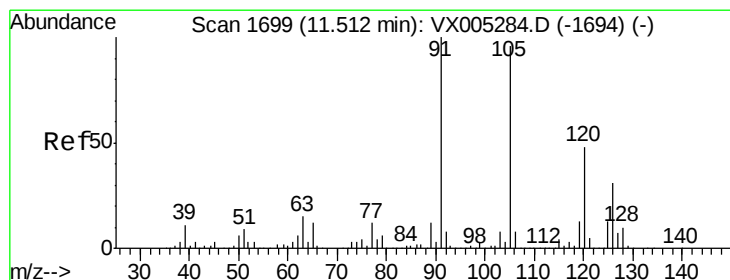
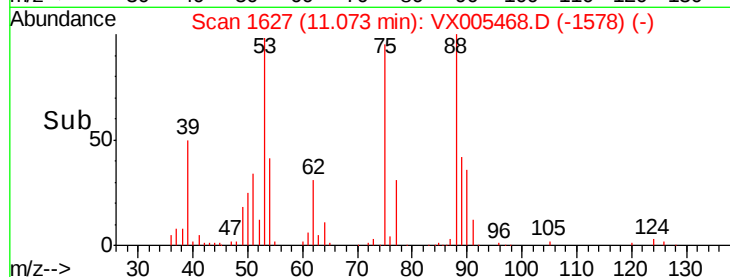
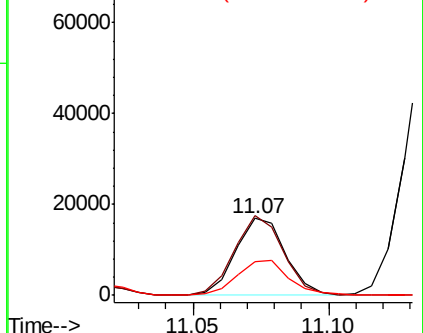
89 48.5 37.2 55.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 21.159 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX005468.D

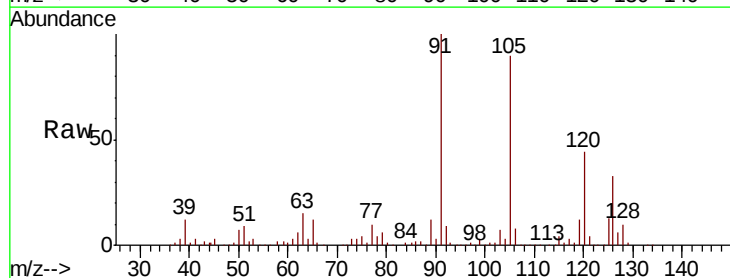
Acq: 22 Oct 2018 14:19

Tgt Ion: 91 Resp: 179230

Ion Ratio Lower Upper

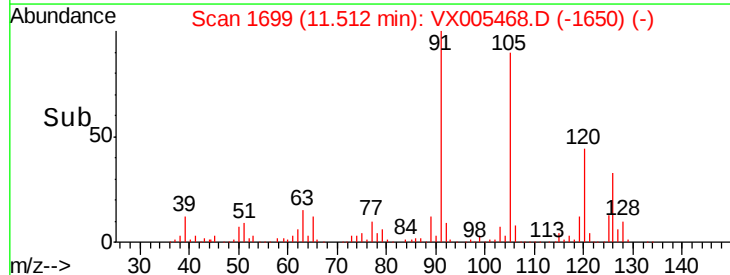
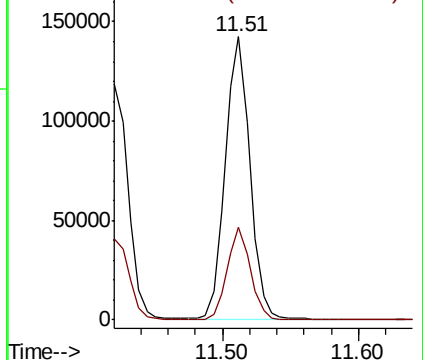
91 100

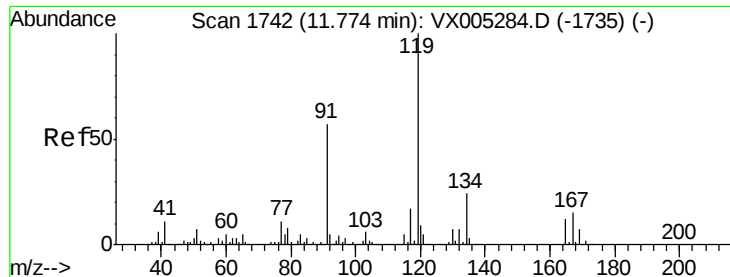
126 30.9 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

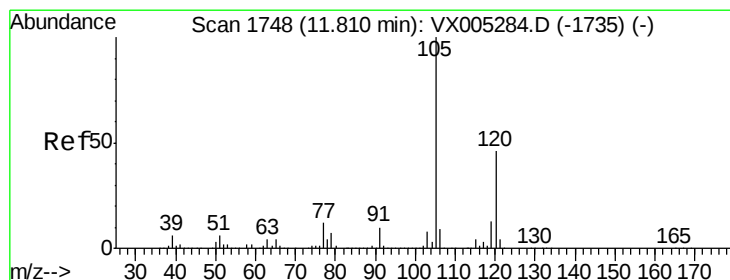
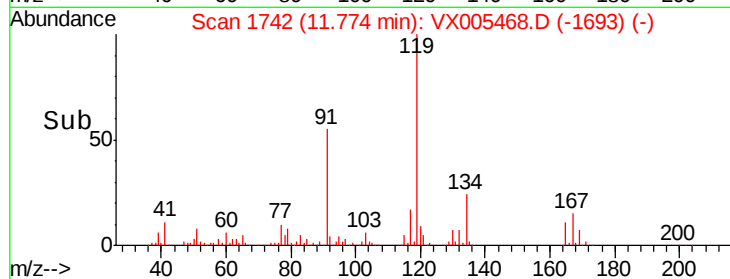
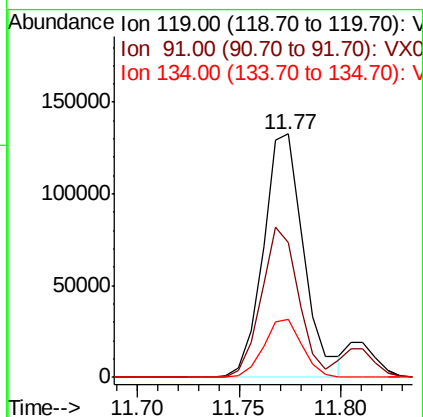
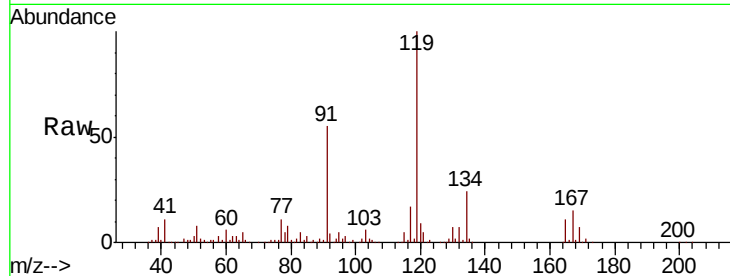




#83
 tert-Butylbenzene
 Concen: 20.787 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: VX005468.D
 Acq: 22 Oct 2018 14:19

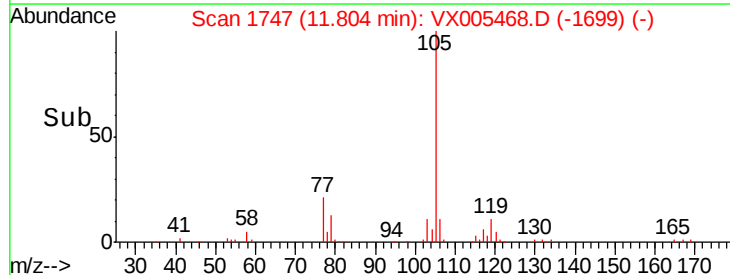
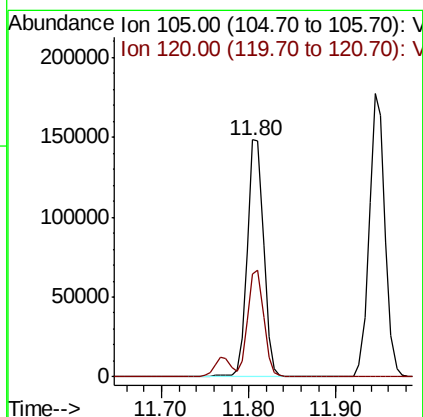
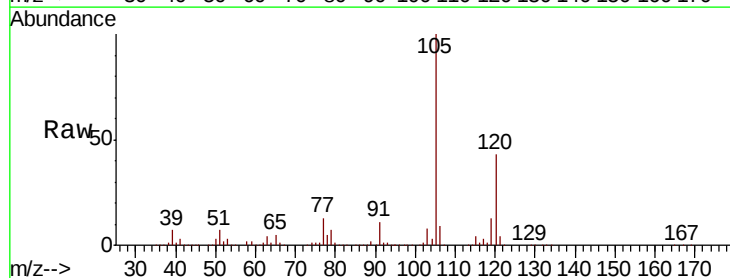
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1022WBS01

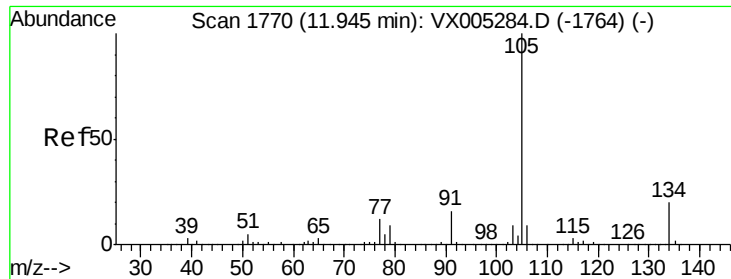
Tot Ion:119 Resp: 182768
 Ion Ratio Lower Upper
 119 100
 91 57.3 27.0 81.0
 134 22.9 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 21.444 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.01 min
 Lab File: VX005468.D
 Acq: 22 Oct 2018 14:19

Tgt Ion:105 Resp: 191603
 Ion Ratio Lower Upper
 105 100
 120 44.1 23.2 69.6

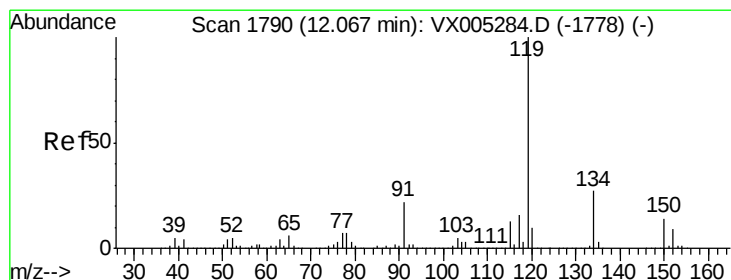
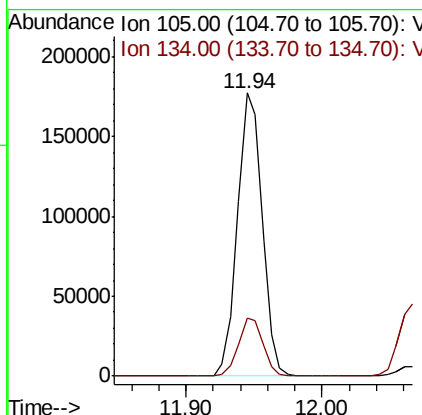
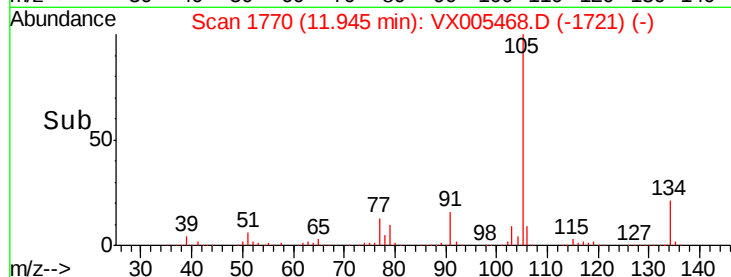
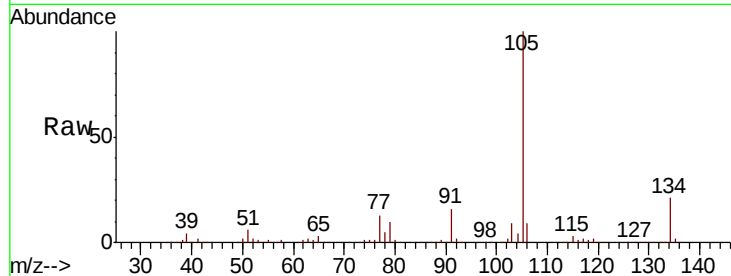




#85
 sec-Butylbenzene
 Concen: 21.586 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX005468.D
 Acq: 22 Oct 2018 14:19

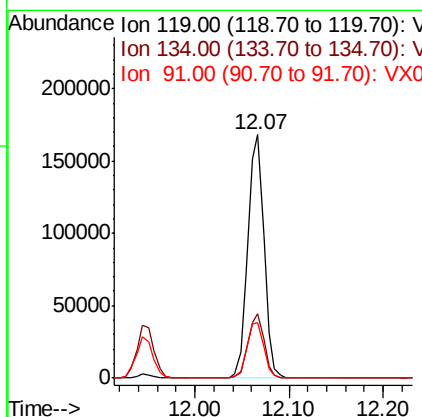
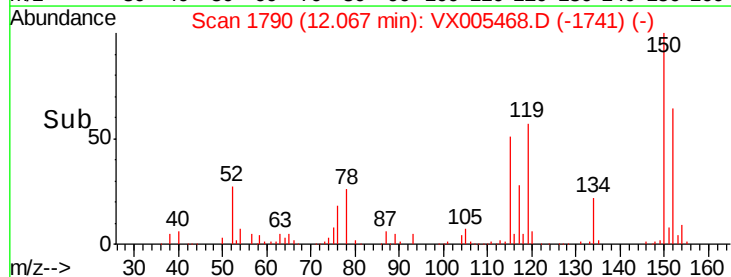
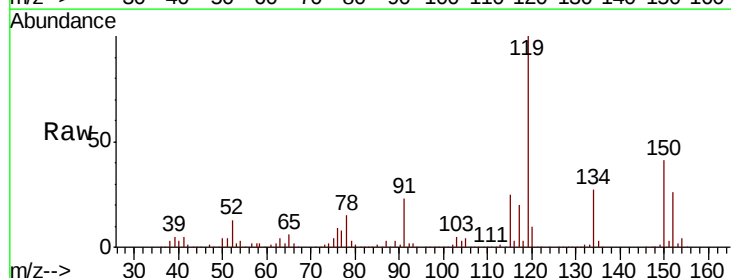
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1022WBS01

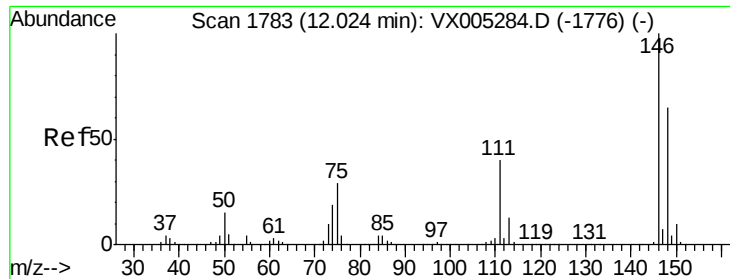
Tot Ion:105 Resp: 224601
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.5 31.5



#86
 p-Isopropyltoluene
 Concen: 21.504 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX005468.D
 Acq: 22 Oct 2018 14:19

Tgt Ion:119 Resp: 202239
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.4 40.2
 91 23.5 10.9 32.7

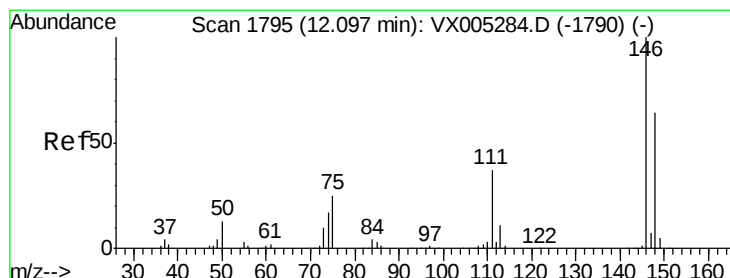
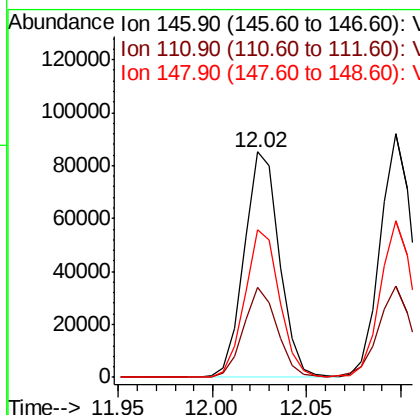
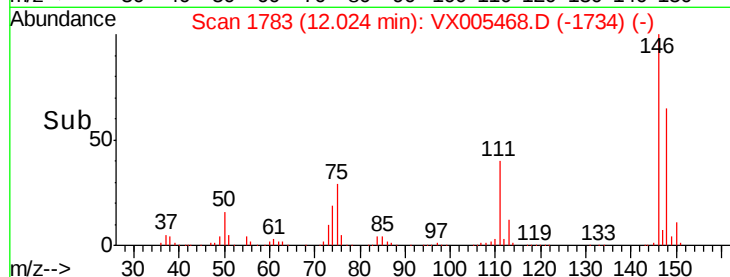
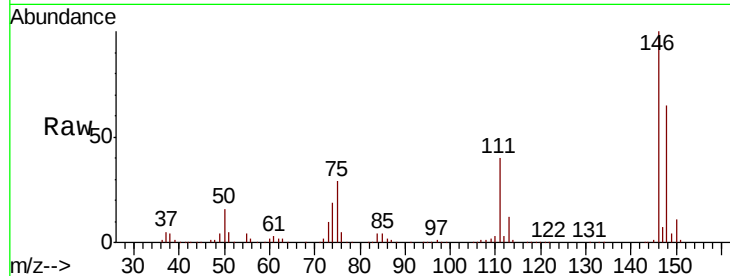




#87
 1,3-Dichlorobenzene
 Concen: 20.356 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX005468.D
 Acq: 22 Oct 2018 14:19

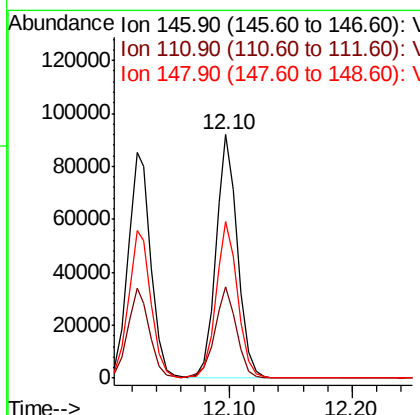
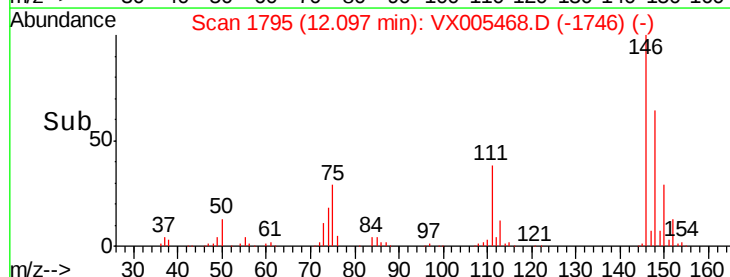
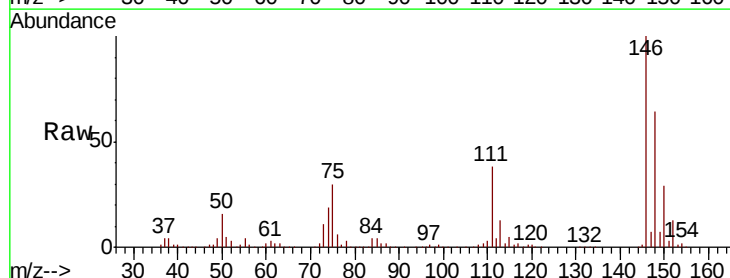
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1022WBS01

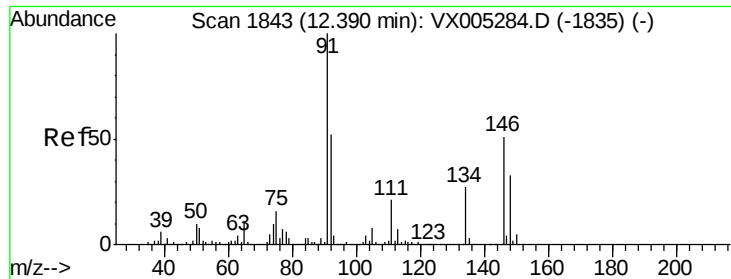
Tot Ion:146 Resp: 110274
 Ion Ratio Lower Upper
 146 100
 111 38.1 18.7 56.1
 148 64.6 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 20.280 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX005468.D
 Acq: 22 Oct 2018 14:19

Tgt Ion:146 Resp: 112389
 Ion Ratio Lower Upper
 146 100
 111 38.5 18.1 54.1
 148 64.7 32.0 96.0

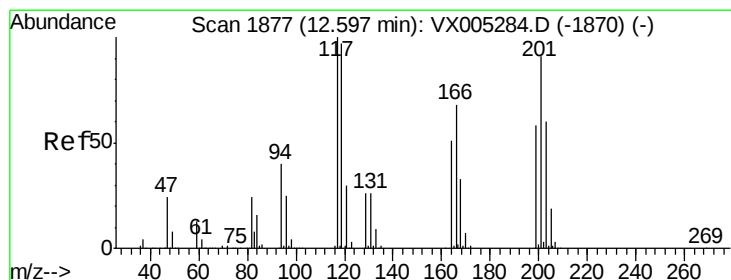
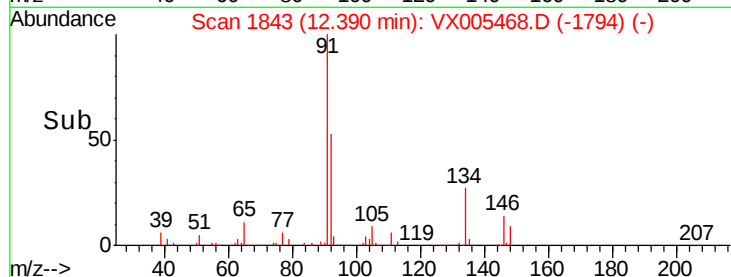
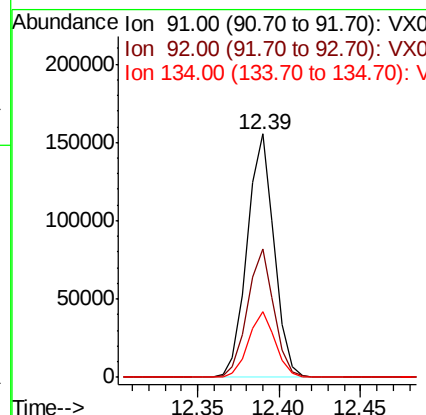
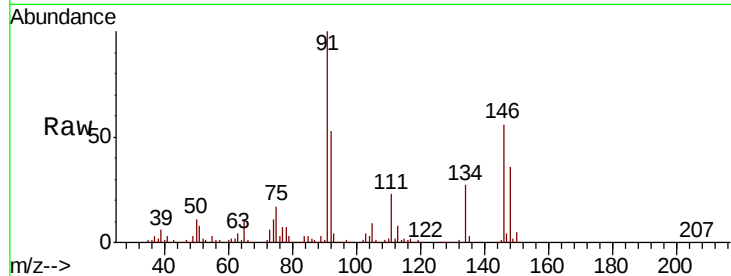




#89
n-Butylbenzene
Concen: 21.013 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX005468.D
Acq: 22 Oct 2018 14:19

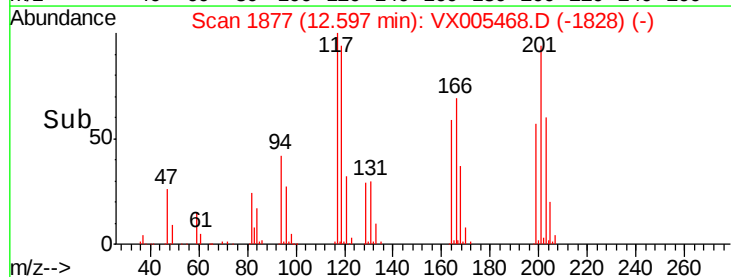
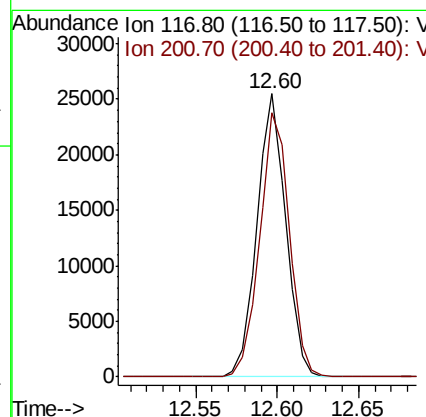
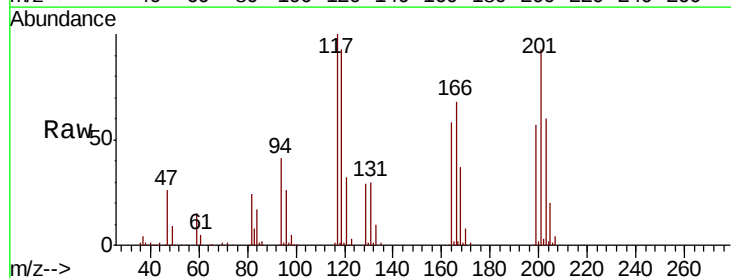
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBS01

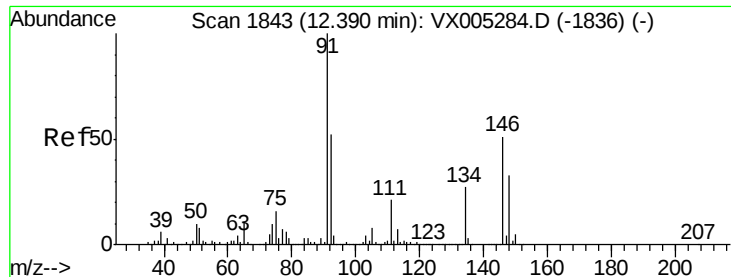
Tot Ion: 91 Resp: 179430
Ion Ratio Lower Upper
91 100
92 51.9 27.3 81.9
134 26.6 13.6 40.7



#90
Hexachloroethane
Concen: 19.349 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX005468.D
Acq: 22 Oct 2018 14:19

Tgt Ion: 117 Resp: 31360
Ion Ratio Lower Upper
117 100
201 95.9 46.9 140.6





#91

1,2-Dichlorobenzene

Concen: 20.100 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX005468.D

Acq: 22 Oct 2018 14:19

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBS01

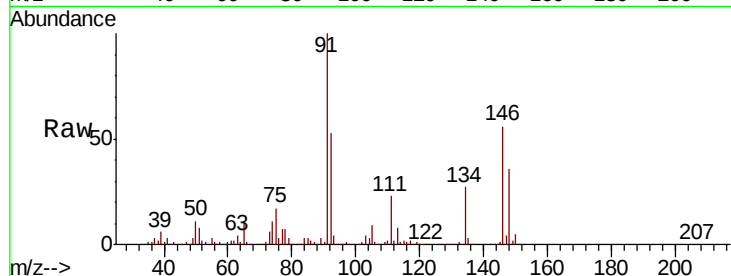
Tot Ion:146 Resp: 111116

Ion Ratio Lower Upper

146 100

111 39.2 19.4 58.1

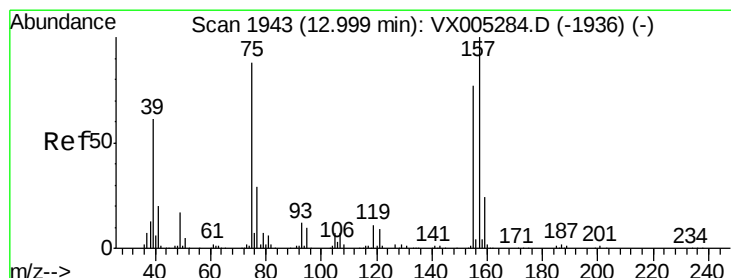
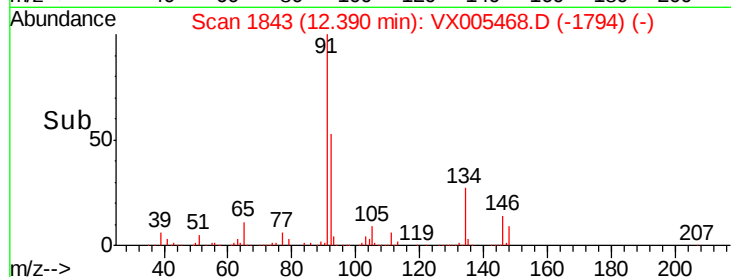
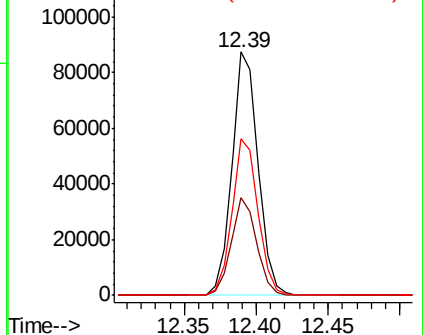
148 64.1 32.8 98.3



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: 19.660 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX005468.D

Acq: 22 Oct 2018 14:19

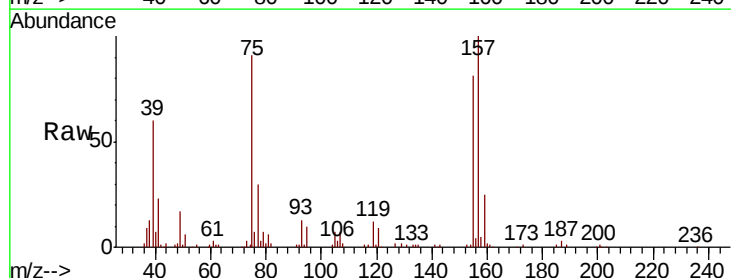
Tgt Ion: 75 Resp: 18342

Ion Ratio Lower Upper

75 100

155 91.6 48.0 144.2

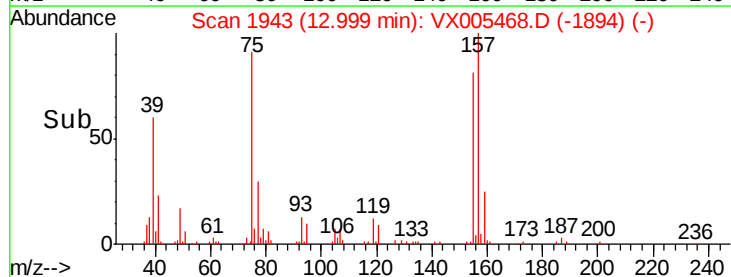
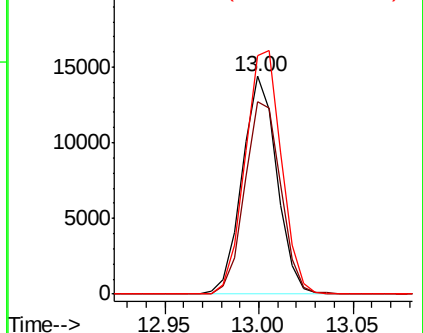
157 117.1 61.4 184.1

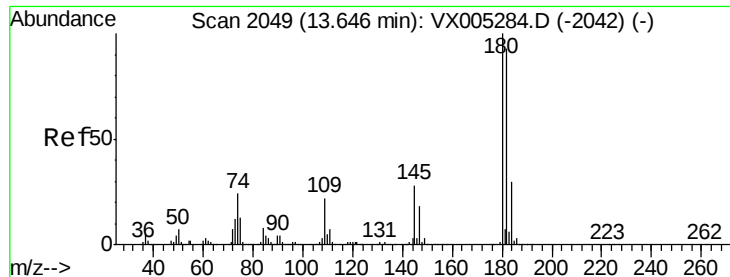


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

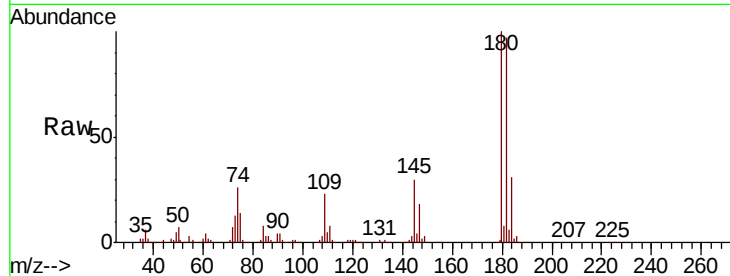




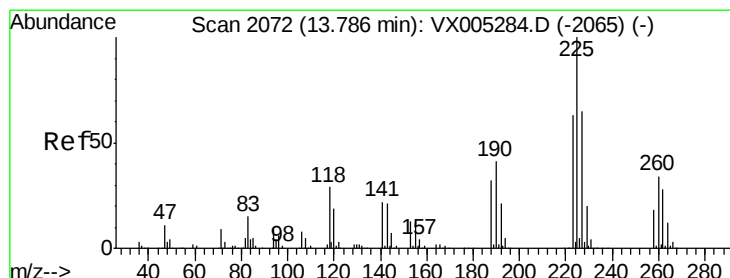
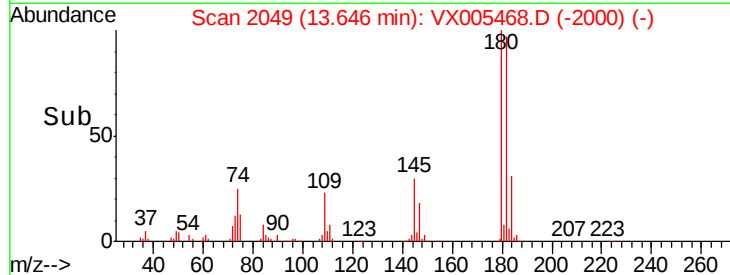
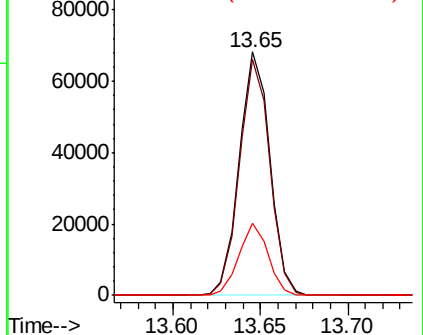
#93
 1,2,4-Trichlorobenzene
 Concen: 20.513 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX005468.D
 Acq: 22 Oct 2018 14:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1022WBS01

Tot Ion:180 Resp: 83197
 Ion Ratio Lower Upper
 180 100
 182 95.9 48.4 145.0
 145 28.3 14.3 42.9

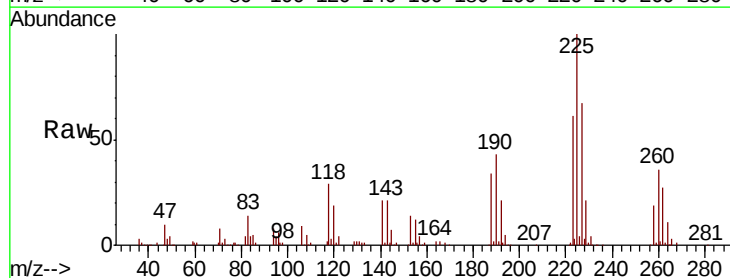


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

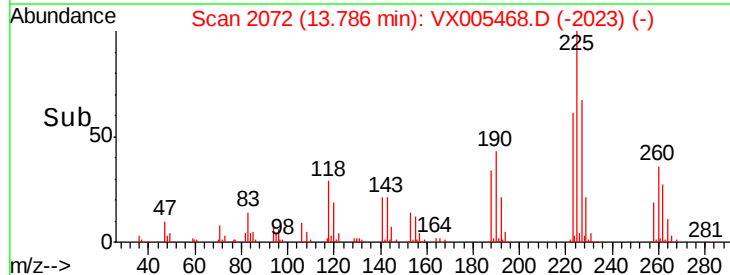
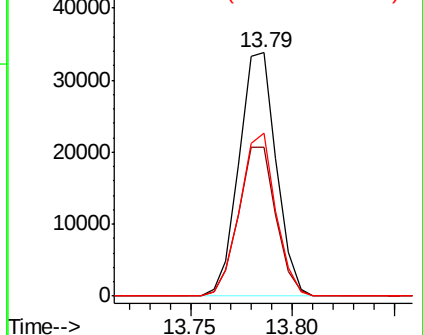


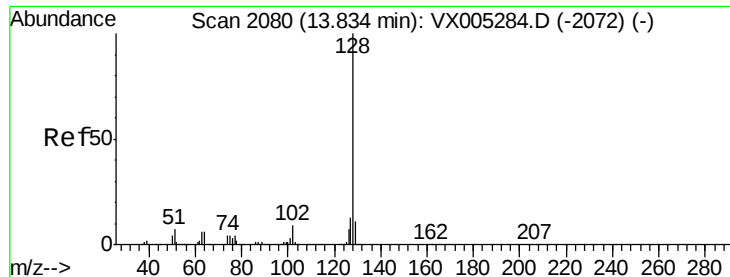
#94
 Hexachlorobutadiene
 Concen: 20.070 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VX005468.D
 Acq: 22 Oct 2018 14:19

Tgt Ion:225 Resp: 42991
 Ion Ratio Lower Upper
 225 100
 223 61.7 30.1 90.5
 227 64.7 30.8 92.4



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

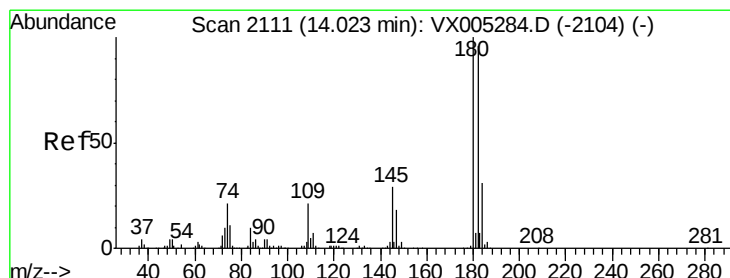
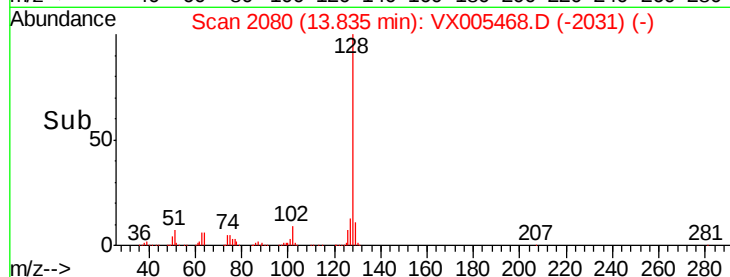
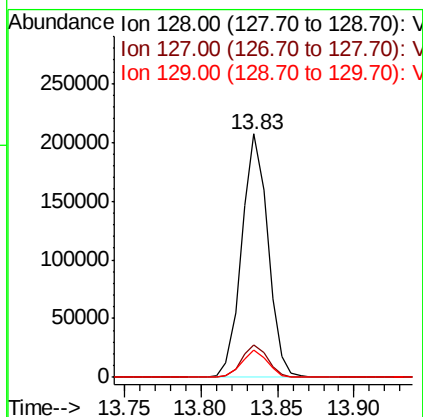
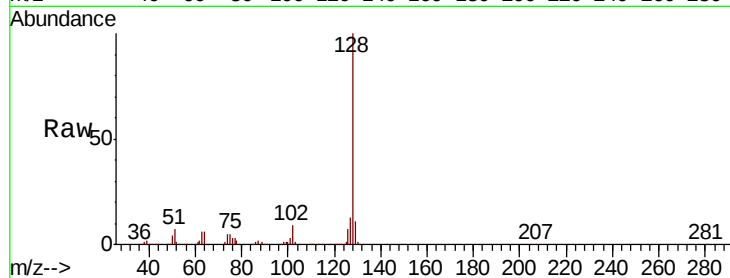




#95
Naphthalene
Concen: 20.922 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX005468.D
Acq: 22 Oct 2018 14:19

Instrument :
MSVOA_X
ClientSampleId :
VX1022WBS01

Tot Ion:128 Resp: 246096
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.2
129 11.0 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 20.666 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. 0.00 min
Lab File: VX005468.D
Acq: 22 Oct 2018 14:19

Tgt Ion:180 Resp: 85763
Ion Ratio Lower Upper
180 100
182 95.3 48.5 145.6
145 29.8 14.9 44.9

