

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100218\
 Data File : VX004919.D
 Acq On : 02 Oct 2018 15:12
 Operator : JC/MD
 Sample : VX1002WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1002WBSD01

Quant Time: Oct 03 07:51:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X100218W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 03 04:49:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	53304	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	291316	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	269300	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	116847	28.85	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	96.17%
60) 4-Bromofluorobenzene	11.14	95	131696	29.42	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.07%
63) Toluene-d8	8.71	98	365913	30.44	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.47%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	86198	20.770	ug/l 98
3) Chloromethane	1.32	50	89122	20.698	ug/l 98
4) Vinyl Chloride	1.40	62	86660	19.687	ug/l 98
5) Bromomethane	1.64	94	45126	21.364	ug/l 98
6) Chloroethane	1.72	64	49513	19.592	ug/l 100
7) Trichlorofluoromethane	1.93	101	111375	19.863	ug/l 100
8) Diethyl Ether	2.18	74	43513	19.036	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	64261	19.956	ug/l 99
10) 1,1-Dichloroethene	2.37	96	58319	19.120	ug/l 96
11) Methyl Iodide	2.51	142	38806	20.957	ug/l 99
12) Methyl Acetate	2.78	43	120833	19.646	ug/l 96
13) Acrolein	2.29	56	46378	81.614	ug/l 97
14) Acrylonitrile	3.15	53	237969	94.679	ug/l 100
15) Acetone	2.44	58	74246	88.370	ug/l 95
16) Carbon Disulfide	2.57	76	172747	19.310	ug/l 99
17) Allyl chloride	2.73	41	131558	19.397	ug/l 99
18) Methylene Chloride	2.85	84	69386	19.561	ug/l 98
19) trans-1,2-Dichloroethene	3.16	96	62947	19.317	ug/l 95
20) Diisopropyl ether	3.87	45	232801	20.131	ug/l 97
21) 1,1-Dichloroethane	3.70	63	126894	19.915	ug/l 98
22) cis-1,2-Dichloroethene	4.59	96	68233	18.929	ug/l 100
23) tert-Butyl Alcohol	3.06	59	113229	97.602	ug/l # 100
24) Methyl tert-Butyl Ether	3.20	73	212864	18.991	ug/l 100
25) Chloroform	5.21	83	115403	19.244	ug/l 97
26) Cyclohexane	5.57	56	105546	19.302	ug/l # 97
29) 1,1-Dichloropropene	5.80	75	85618	19.861	ug/l 99
30) 2-Butanone	4.70	43	334494	95.438	ug/l 99
31) 2,2-Dichloropropane	4.58	77	94896	20.064	ug/l 100
32) 1,1,1-Trichloroethane	5.49	97	98270	19.831	ug/l 99
33) Carbon Tetrachloride	5.78	117	83969	19.294	ug/l 99
34) Benzene	6.14	78	256037	19.572	ug/l 97
35) Methacrylonitrile	5.06	41	63612	19.530	ug/l 99
36) 1,2-Dichloroethane	6.20	62	92838	19.700	ug/l 100
37) Trichloroethene	7.21	130	69152	20.069	ug/l 96
38) Methylcyclohexane	7.46	83	100566	19.649	ug/l 99
39) 1,2-Dichloropropane	7.51	63	68717	19.715	ug/l 97
40) Dibromomethane	7.66	93	43980	19.468	ug/l 98

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Quant Time: Oct 03 07:51:19 2018
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 03 04:49:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	83857	19.255	ug/l	100
42) Vinyl Acetate	3.82	43	1069418	105.467	ug/l	100
43) Ethyl Acetate	4.85	43	110617	19.133	ug/l	99
44) Isopropyl Acetate	6.46	43	163933	19.001	ug/l	99
45) 1,4-Dioxane	7.75	88	40620	399.616	ug/l	98
46) Methyl methacrylate	7.77	41	86242	19.266	ug/l	96
47) n-amyl Acetate	10.90	43	143103	17.978	ug/l	99
48) t-1,3-Dichloropropene	9.04	75	93232	18.712	ug/l	100
49) cis-1,3-Dichloropropene	8.43	75	104428	19.337	ug/l	99
50) 1,1,2-Trichloroethane	9.21	97	67917	19.857	ug/l	99
51) Ethyl methacrylate	9.18	69	101920	18.777	ug/l	98
52) 1,3-Dichloropropane	9.37	76	111487	19.321	ug/l	99
53) Dibromochloromethane	9.59	129	67411	18.997	ug/l	99
54) 1,2-Dibromoethane	9.67	107	68506	19.220	ug/l	99
55) 2-Chloroethyl vinyl ether	8.31	63	273064	95.337	ug/l	99
56) Bromoform	10.86	173	54007	18.225	ug/l	100
58) 4-Methyl-2-Pentanone	8.65	43	591662	97.851	ug/l	98
59) 2-Hexanone	9.49	43	474871	95.323	ug/l	99
61) Tetrachloroethene	9.34	164	66634	20.332	ug/l	99
62) Toluene	8.79	91	284141	20.076	ug/l	98
64) Chlorobenzene	10.14	112	179884	19.681	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.22	131	63923	19.239	ug/l	99
66) Ethyl Benzene	10.25	91	300760	19.465	ug/l	99
67) m/p-Xylenes	10.36	106	237858	39.537	ug/l	98
68) o-Xylene	10.70	106	113881	19.637	ug/l	98
69) Styrene	10.71	104	189788	19.462	ug/l	100
70) Isopropylbenzene	11.02	105	308518	19.867	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.27	83	108392	18.793	ug/l	99
72) 1,2,3-Trichloropropane	11.30	75	125377	23.860	ug/l	87
73) Bromobenzene	11.26	156	81407	19.071	ug/l	98
74) n-propylbenzene	11.36	91	362695	19.850	ug/l	99
75) 2-Chlorotoluene	11.42	91	219786	19.723	ug/l	99
76) 1,3,5-Trimethylbenzene	11.51	105	264914	19.772	ug/l	100
77) t-1,4-Dichloro-2-butene	11.07	75	30032	17.383	ug/l	99
78) 4-Chlorotoluene	11.51	91	253202	19.549	ug/l	100
79) tert-butylbenzene	12.07	119	280385	19.718	ug/l	100
80) 1,2,4-Trimethylbenzene	11.81	105	270915	19.827	ug/l	99
81) sec-Butylbenzene	11.94	105	315905	19.974	ug/l	100
82) p-Isopropyltoluene	12.07	119	280385	19.718	ug/l	100
83) 1,3-Dichlorobenzene	12.02	146	152964	19.378	ug/l	99
84) 1,4-Dichlorobenzene	12.10	146	156052	19.481	ug/l	100
85) n-Butylbenzene	12.39	91	251171	19.448	ug/l	100
86) Hexachloroethane	12.60	117	42798	18.272	ug/l	98
87) 1,2-Dichlorobenzene	12.39	146	153698	19.155	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	13.00	75	25048	18.793	ug/l	98
89) 1,2,4-Trichlorobenzene	13.65	180	115058	19.222	ug/l	100
90) Hexachlorobutadiene	13.79	225	59961	20.291	ug/l	99
91) Naphthalene	13.83	128	353709	19.004	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	116462	18.975	ug/l	98

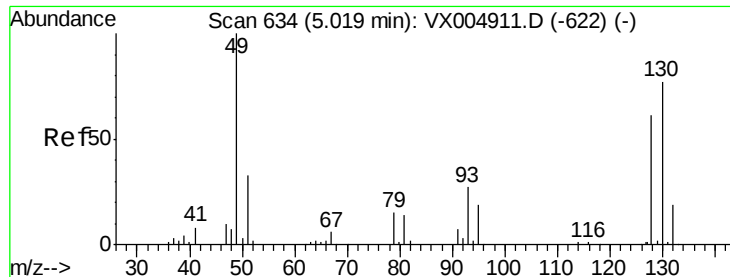
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100218\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.02 min Scan# 634

Delta R.T. 0.00 min

Lab File: VX004919.D

Acq: 02 Oct 2018 15:12

Instrument :

MSVOA_X

ClientSampleId :

VX1002WBSD01

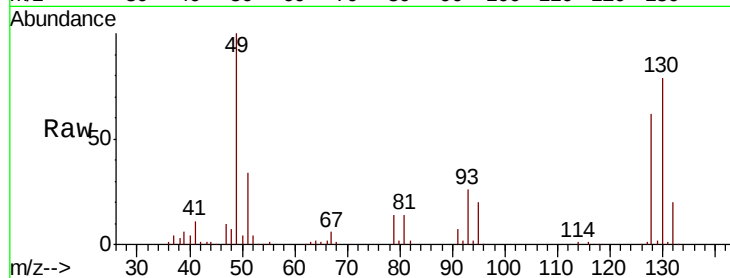
Tot Ion:128 Resp: 53304

Ion Ratio Lower Upper

128 100

49 170.8 0.0 429.5

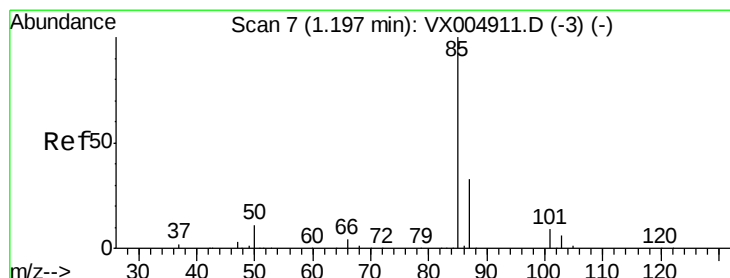
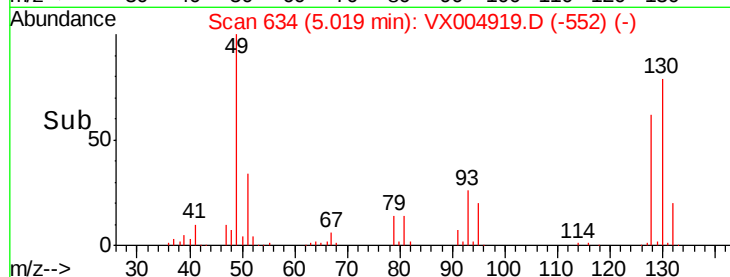
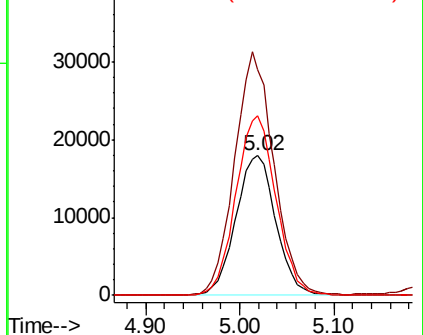
130 128.8 0.0 325.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 20.770 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX004919.D

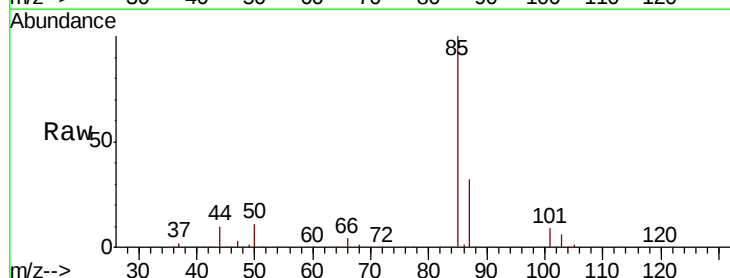
Acq: 02 Oct 2018 15:12

Tgt Ion: 85 Resp: 86198

Ion Ratio Lower Upper

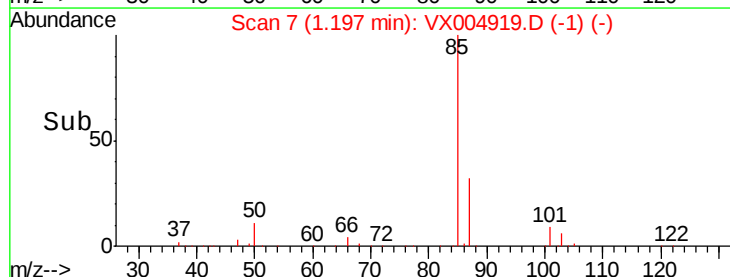
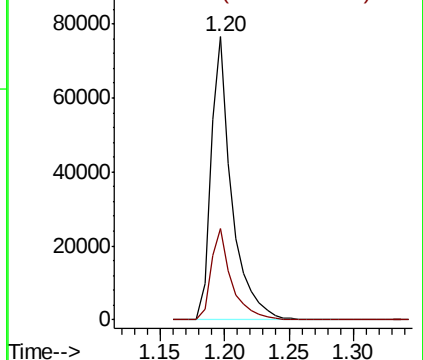
85 100

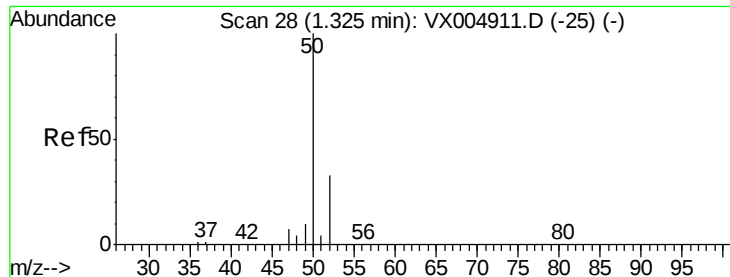
87 32.1 16.5 49.5



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

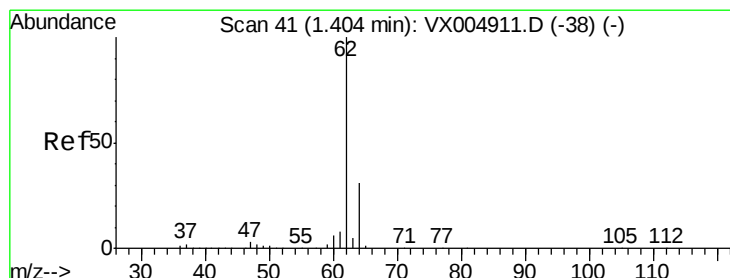
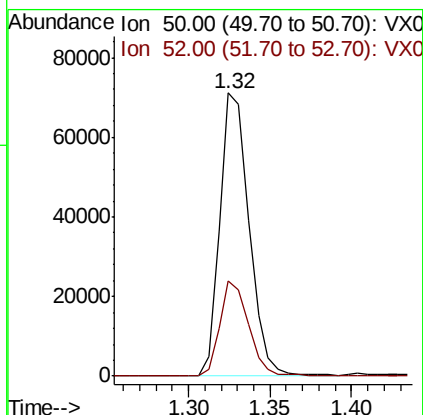
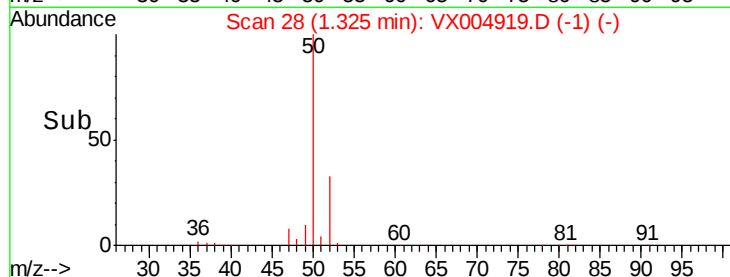
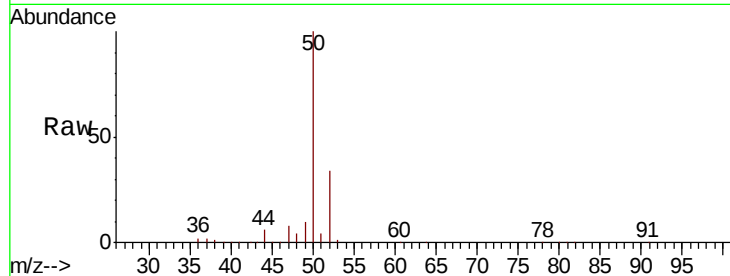




#3
 Chloromethane
 Concen: 20.698 ug/l
 RT: 1.32 min Scan# 28
 Delta R.T. 0.00 min
 Lab File: VX004919.D
 Acq: 02 Oct 2018 15:12

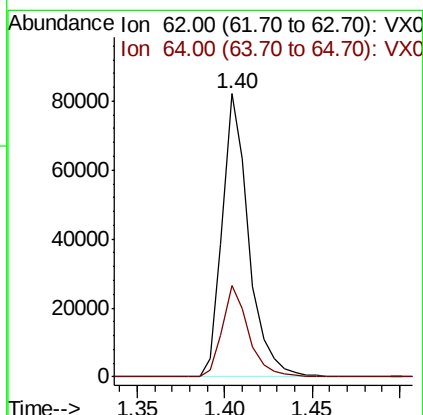
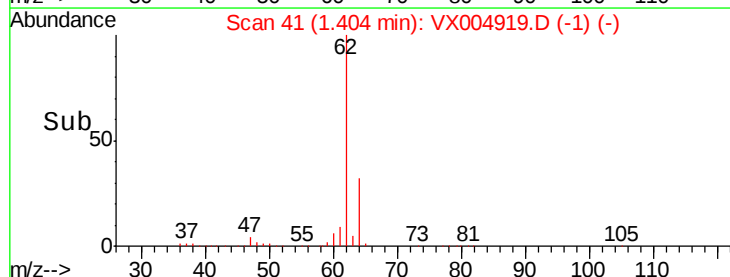
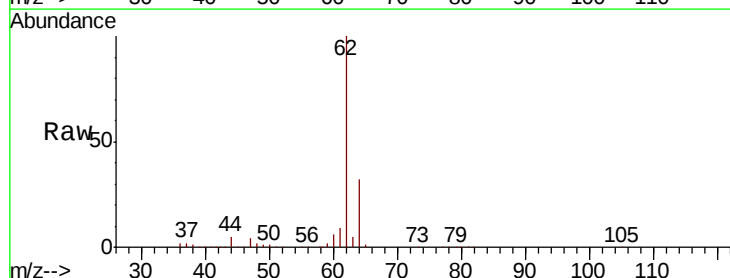
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1002WBSD01

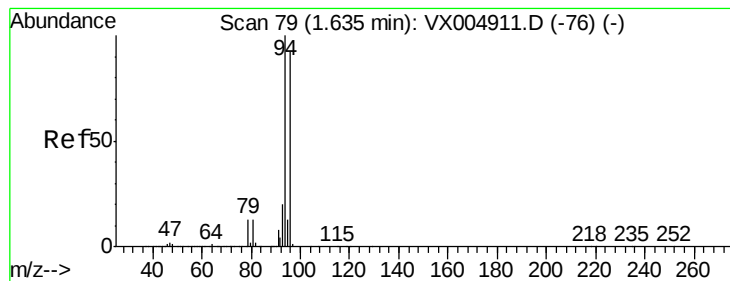
Tot Ion: 50 Resp: 89122
 Ion Ratio Lower Upper
 50 100
 52 33.6 26.1 39.1



#4
 Vinyl Chloride
 Concen: 19.687 ug/l
 RT: 1.40 min Scan# 41
 Delta R.T. 0.00 min
 Lab File: VX004919.D
 Acq: 02 Oct 2018 15:12

Tgt Ion: 62 Resp: 86660
 Ion Ratio Lower Upper
 62 100
 64 32.4 25.2 37.8





#5

Bromomethane

Concen: 21.364 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX004919.D

Acq: 02 Oct 2018 15:12

Instrument :

MSVOA_X

ClientSampleId :

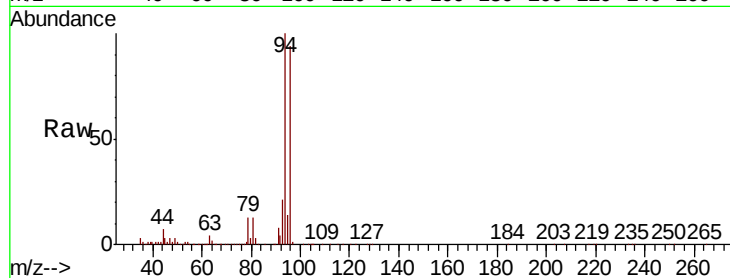
VX1002WBSD01

Tot Ion: 94 Resp: 45126

Ion Ratio Lower Upper

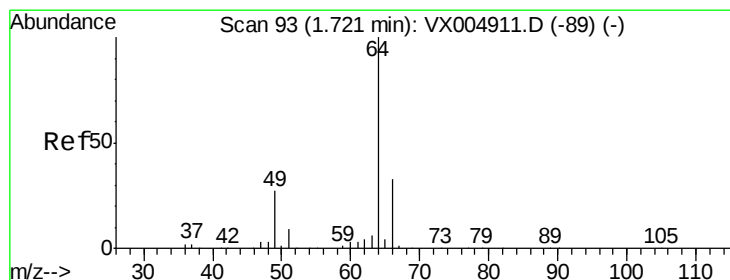
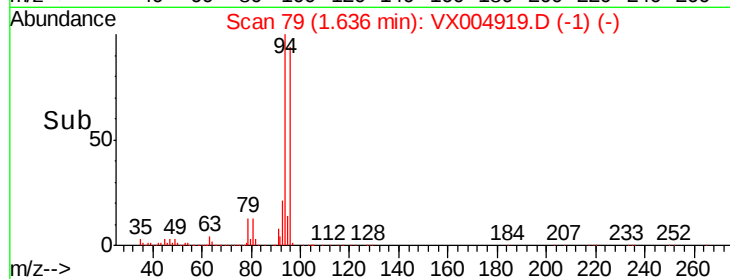
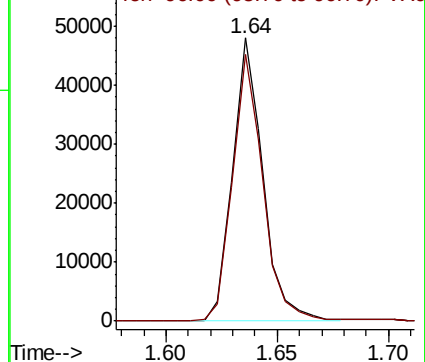
94 100

96 94.2 73.8 110.8



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 19.592 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.00 min

Lab File: VX004919.D

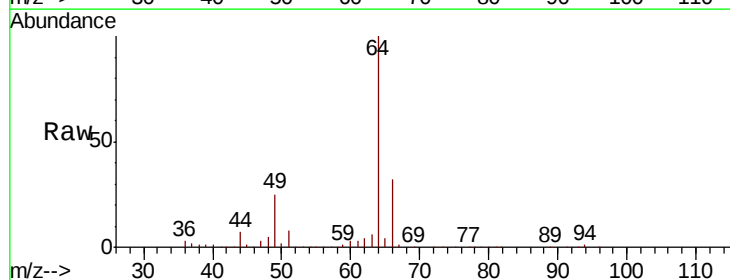
Acq: 02 Oct 2018 15:12

Tgt Ion: 64 Resp: 49513

Ion Ratio Lower Upper

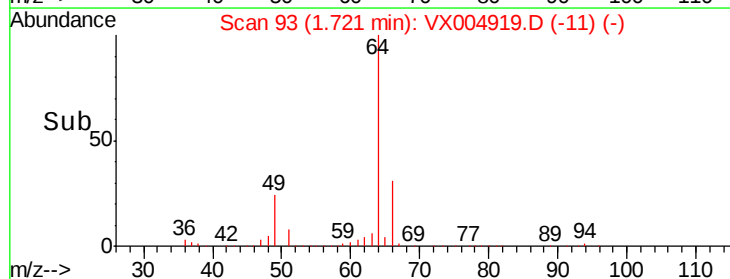
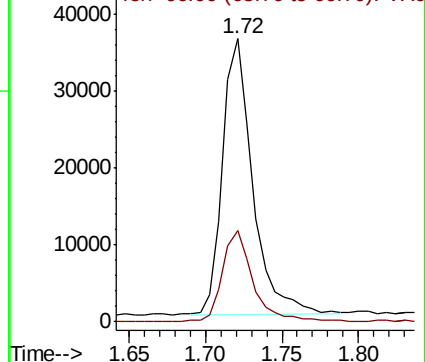
64 100

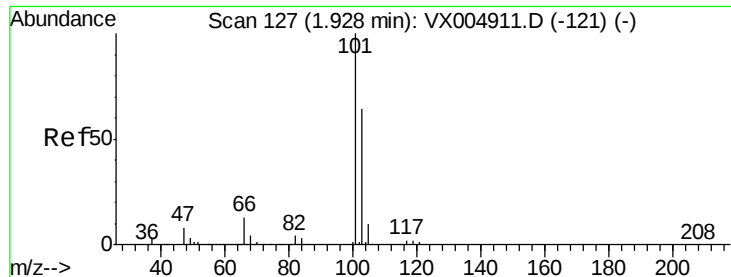
66 32.6 26.0 39.0



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



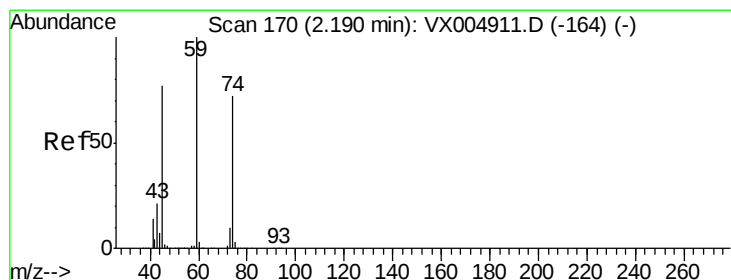
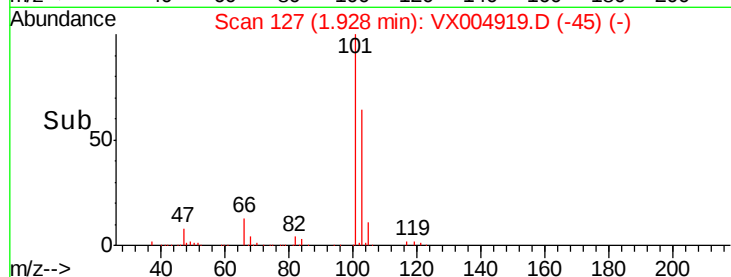
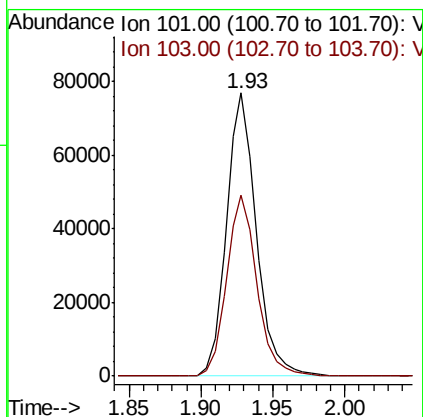
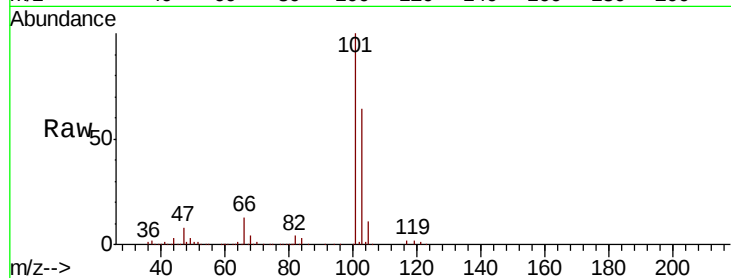


#7

Trichlorofluoromethane
 Concen: 19.863 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.00 min
 Lab File: VX004919.D
 Acq: 02 Oct 2018 15:12

Instrument :
 MSVOA_X
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 VX1002WBSD01

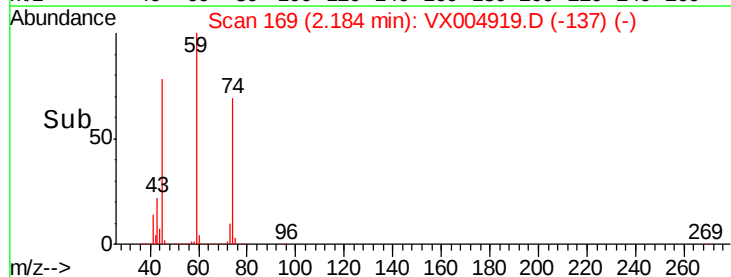
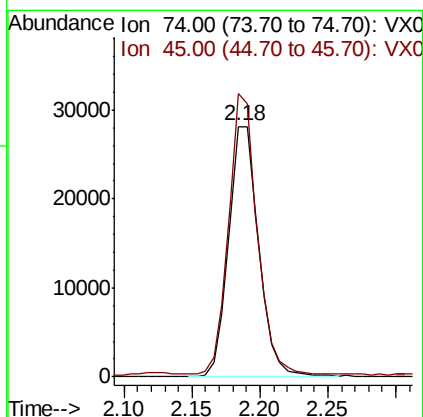
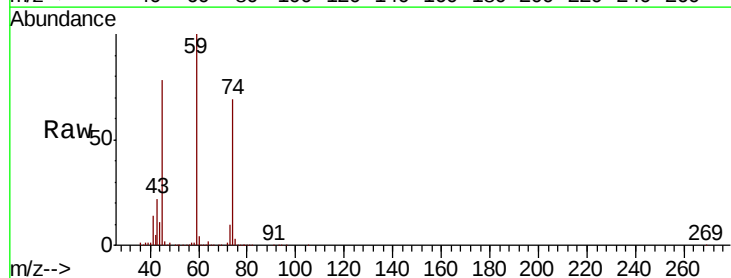
Tot Ion:101 Resp: 111375
 Ion Ratio Lower Upper
 101 100
 103 63.8 51.1 76.7

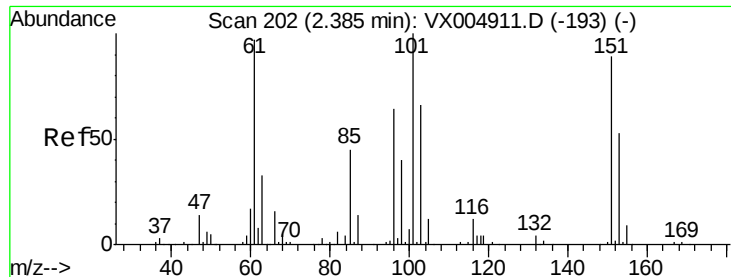


#8

Diethyl Ether
 Concen: 19.036 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. -0.01 min
 Lab File: VX004919.D
 Acq: 02 Oct 2018 15:12

Tgt Ion: 74 Resp: 43513
 Ion Ratio Lower Upper
 74 100
 45 105.7 21.6 194.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.956 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX004919.D

Acq: 02 Oct 2018 15:12

Instrument :

MSVOA_X

ClientSampleId :

VX1002WBSD01

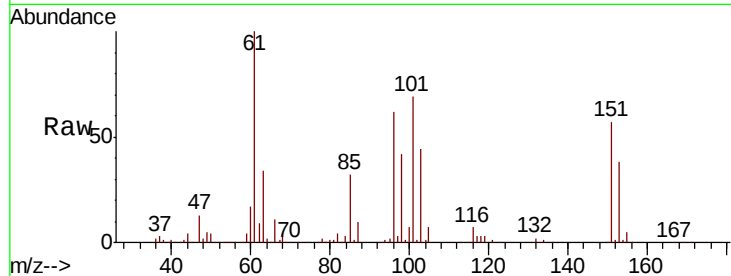
Tot Ion:101 Resp: 64261

Ion Ratio Lower Upper

101 100

85 44.8 0.0 88.0

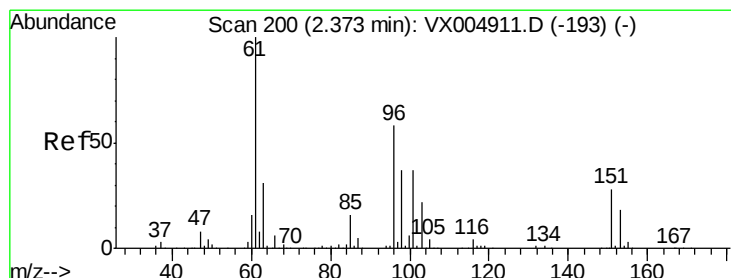
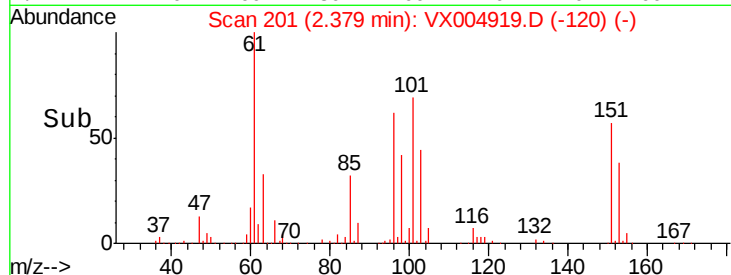
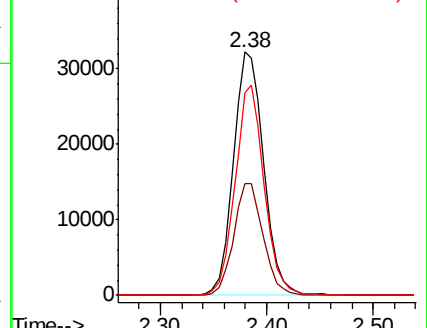
151 82.9 0.0 164.8



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 19.120 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.00 min

Lab File: VX004919.D

Acq: 02 Oct 2018 15:12

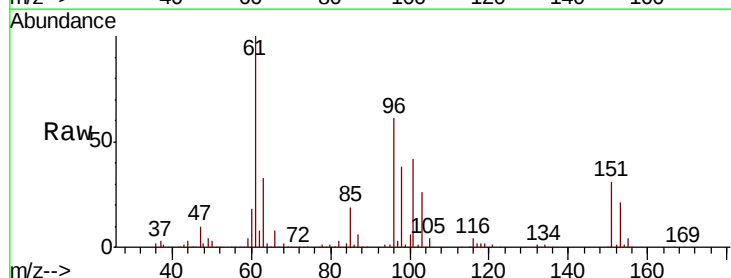
Tgt Ion: 96 Resp: 58319

Ion Ratio Lower Upper

96 100

61 164.6 137.9 206.9

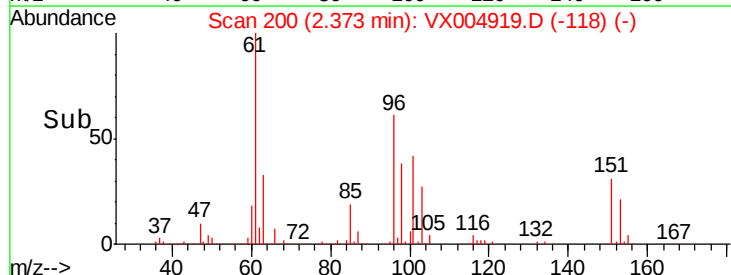
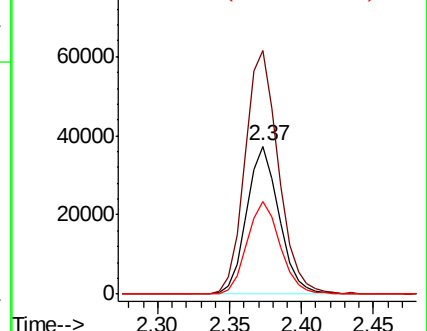
98 62.8 51.0 76.4

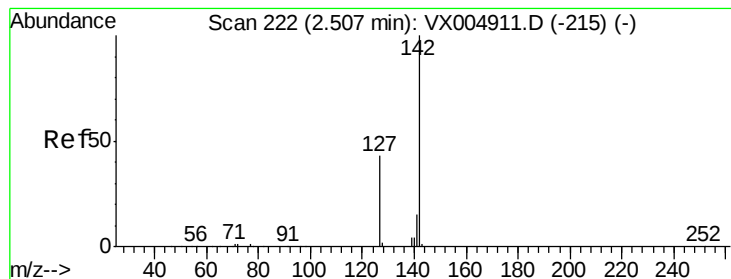


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#11

Methvl Iodide

Concen: 20.957 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX004919.D

Acq: 02 Oct 2018 15:12

Instrument :

MSVOA_X

ClientSampleId :

VX1002WBSD01

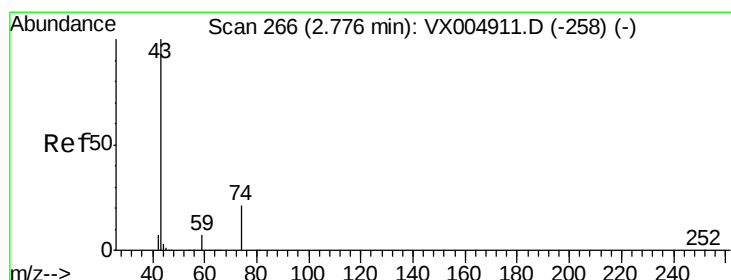
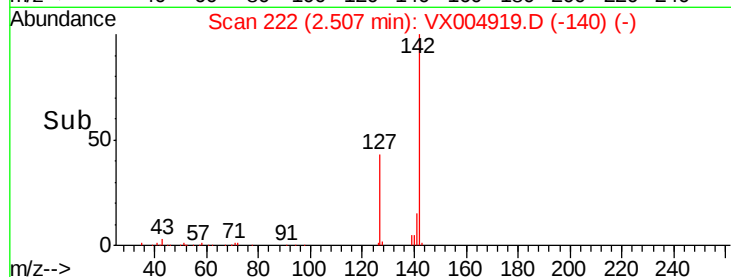
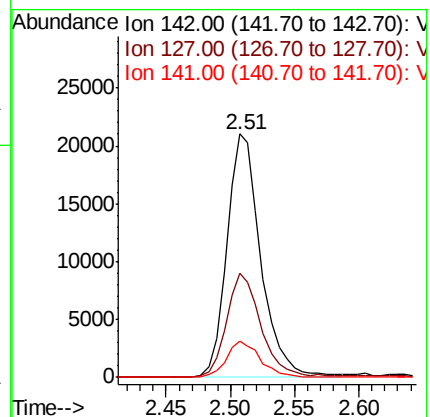
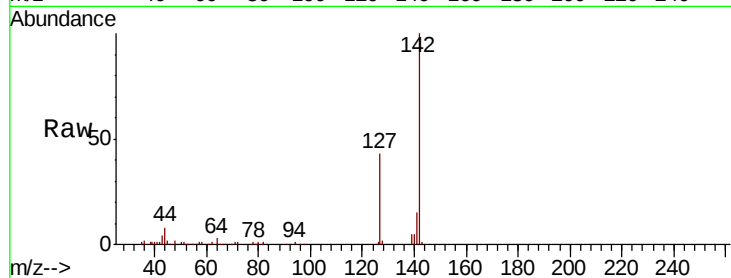
Tot Ion:142 Resp: 38806

Ion Ratio Lower Upper

142 100

127 42.5 21.6 64.8

141 14.8 7.5 22.6



#12

Methyl Acetate

Concen: 19.646 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX004919.D

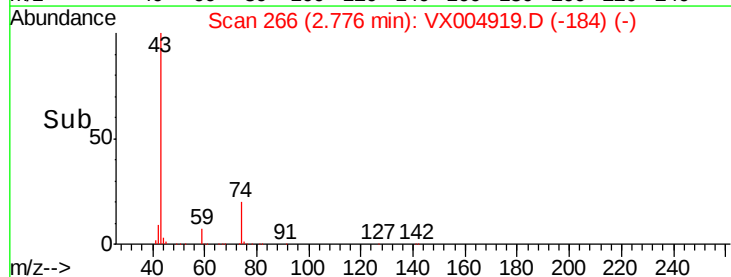
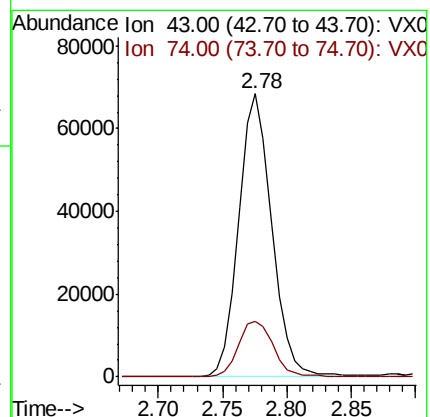
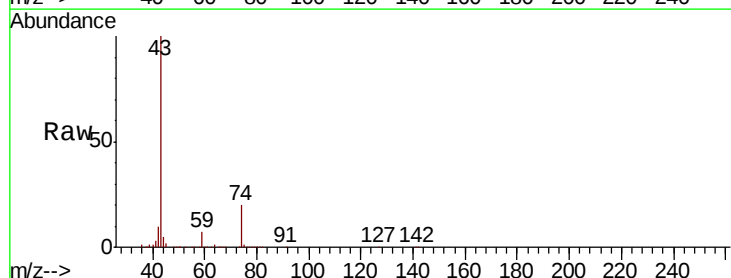
Acq: 02 Oct 2018 15:12

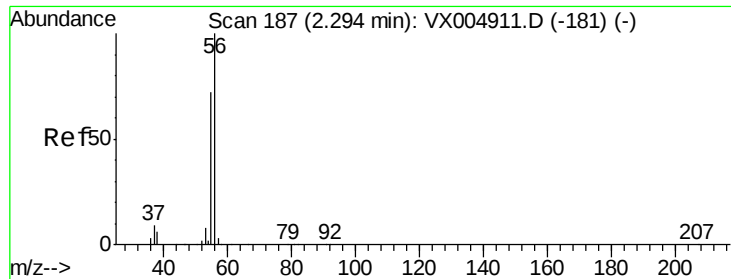
Tgt Ion: 43 Resp: 120833

Ion Ratio Lower Upper

43 100

74 19.6 17.0 25.6





#13

Acrolein

Concen: 81.614 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX004919.D

Acq: 02 Oct 2018 15:12

Instrument :

MSVOA_X

ClientSampleId :

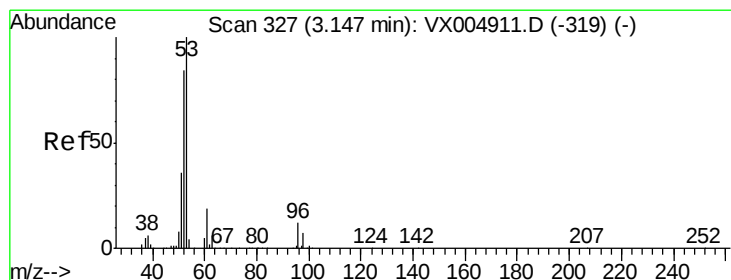
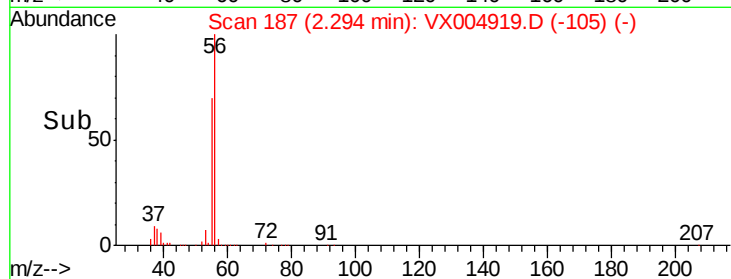
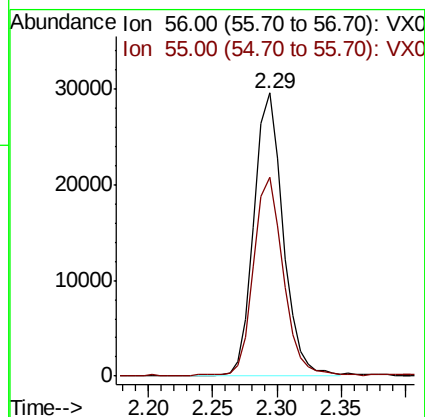
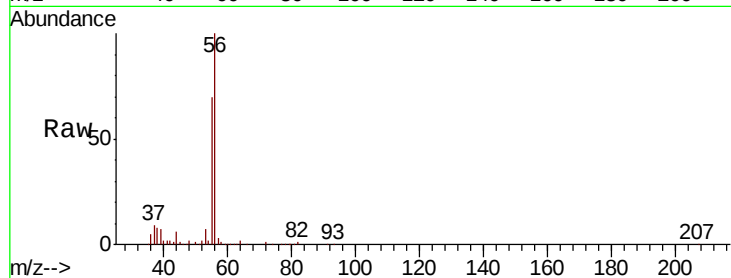
VX1002WBSD01

Tot Ion: 56 Resp: 46378

Ion Ratio Lower Upper

56 100

55 70.0 57.9 86.9



#14

Acrylonitrile

Concen: 94.679 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.00 min

Lab File: VX004919.D

Acq: 02 Oct 2018 15:12

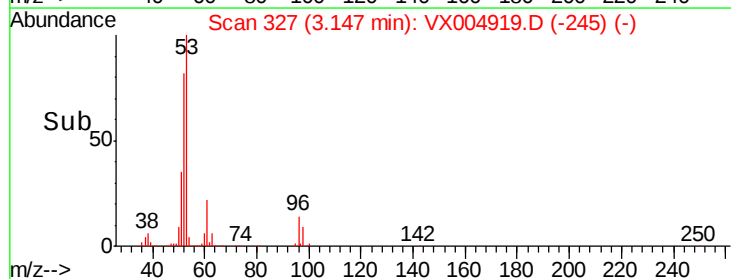
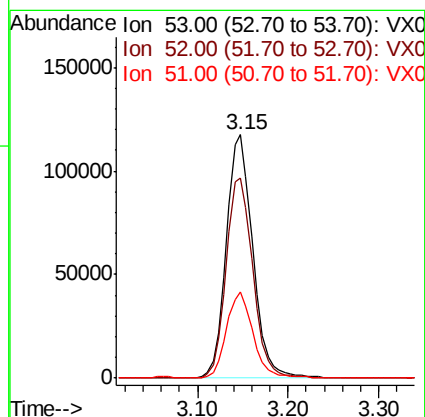
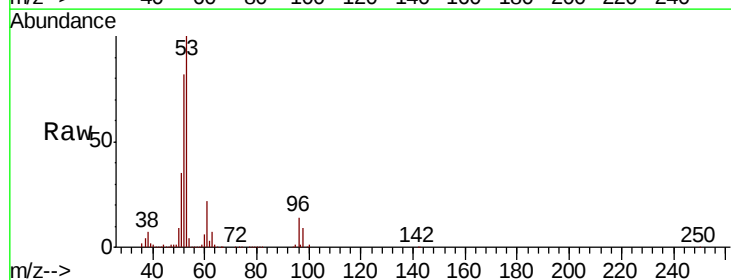
Tgt Ion: 53 Resp: 237969

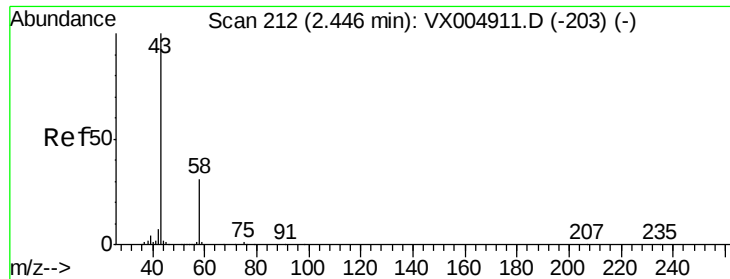
Ion Ratio Lower Upper

53 100

52 83.4 41.5 124.6

51 35.7 18.0 54.0





#15

Acetone

Concen: 88.370 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX004919.D

Acq: 02 Oct 2018 15:12

Instrument :

MSVOA_X

ClientSampleId :

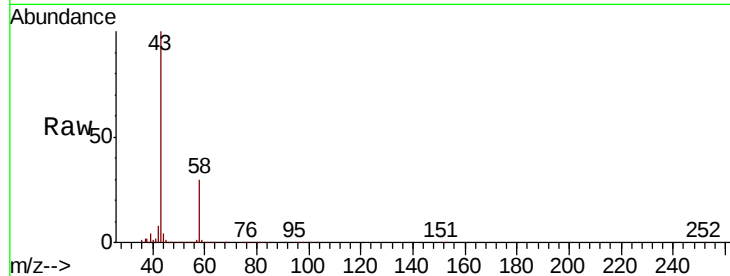
VX1002WBSD01

Tot Ion: 58 Resp: 74246

Ion Ratio Lower Upper

58 100

43 333.8 258.6 388.0



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

150000

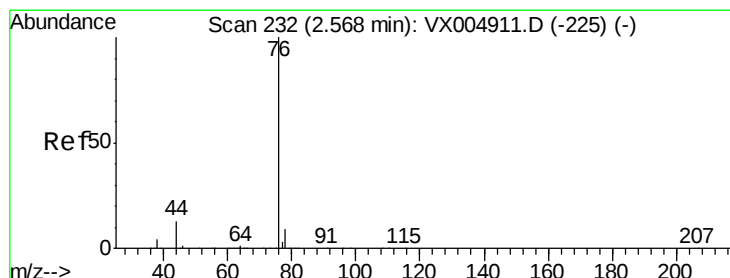
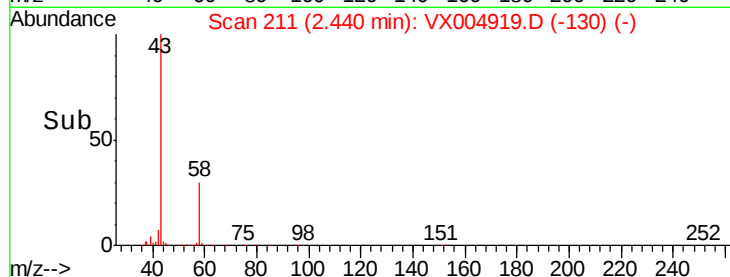
100000

50000

0

2.40 2.45 2.50

Time-->



#16

Carbon Disulfide

Concen: 19.310 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX004919.D

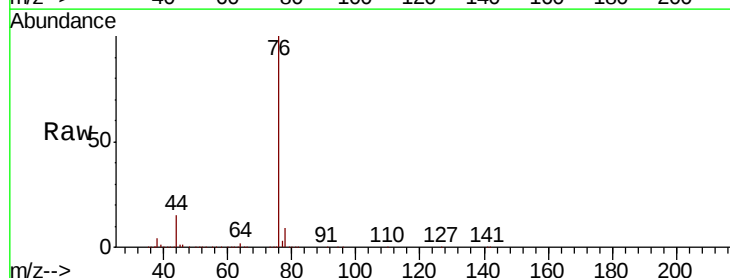
Acq: 02 Oct 2018 15:12

Tgt Ion: 76 Resp: 172747

Ion Ratio Lower Upper

76 100

78 9.1 7.1 10.7



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

120000

100000

80000

60000

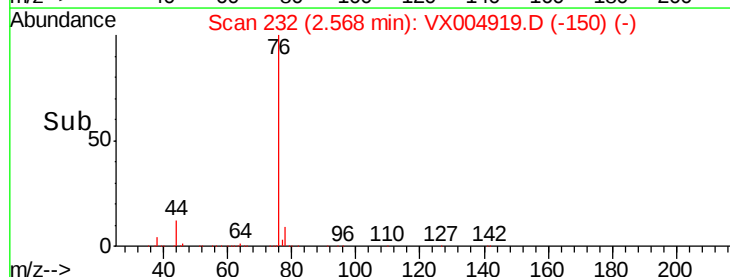
40000

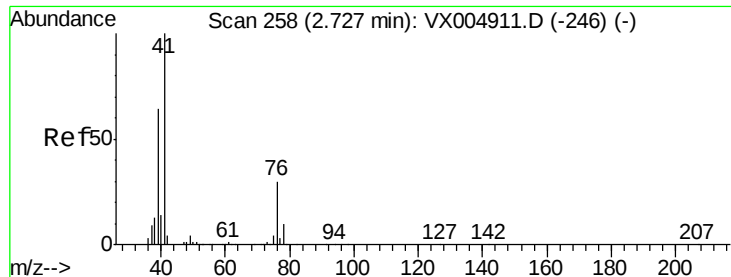
20000

0

2.50 2.60 2.70

Time-->

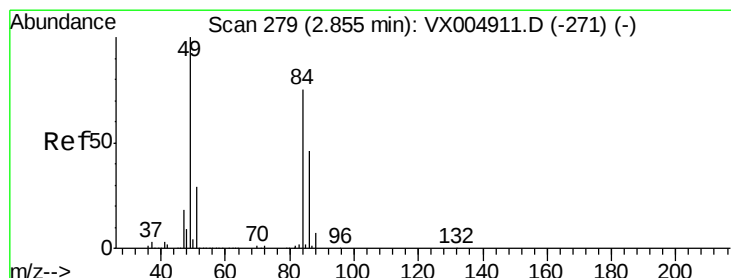
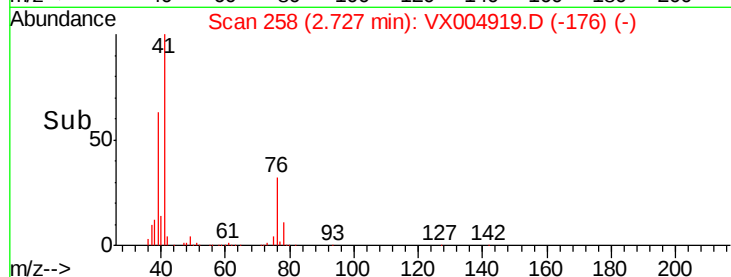
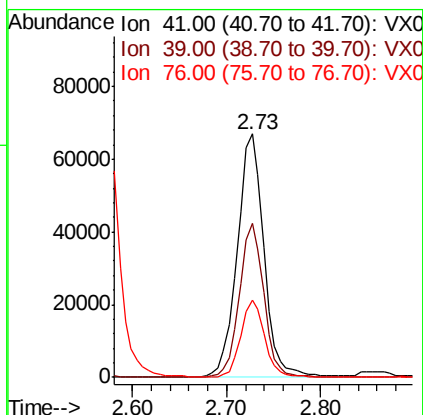
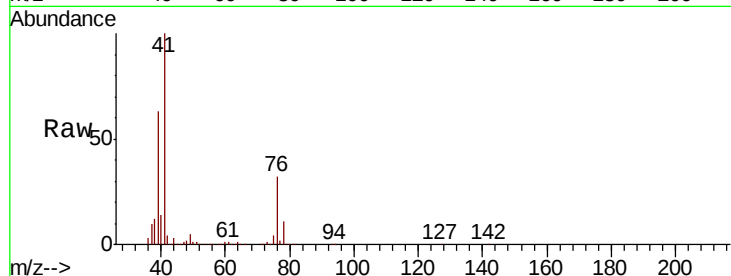




#17
Allvl chloride
Concen: 19.397 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.00 min
Lab File: VX004919.D
Acq: 02 Oct 2018 15:12

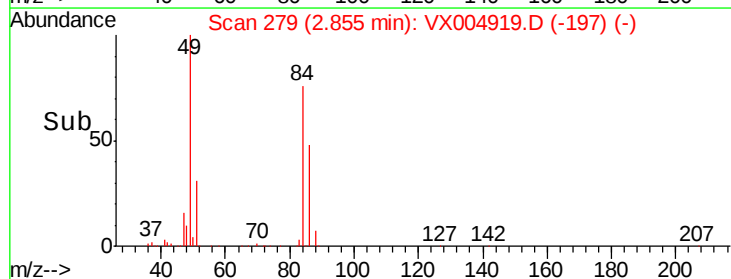
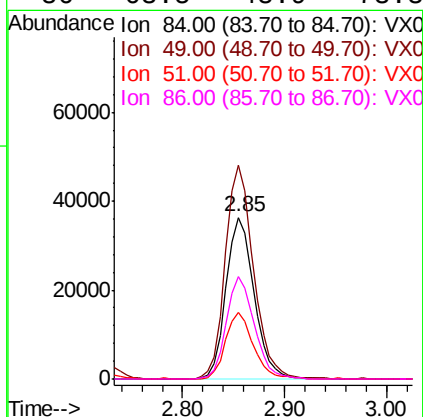
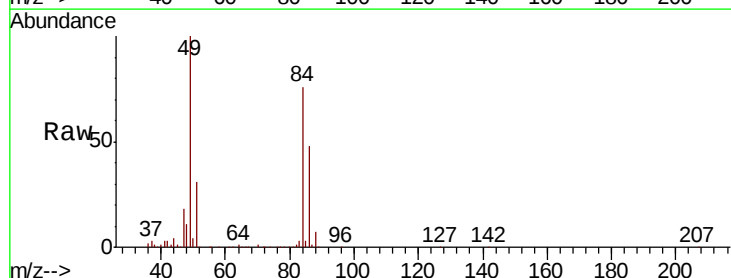
Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

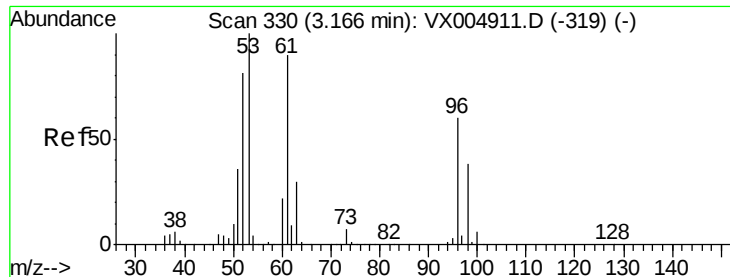
Tot Ion: 41 Resp: 131558
Ion Ratio Lower Upper
41 100
39 63.1 31.8 95.4
76 31.4 15.3 45.8



#18
Methylene Chloride
Concen: 19.561 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX004919.D
Acq: 02 Oct 2018 15:12

Tgt Ion: 84 Resp: 69386
Ion Ratio Lower Upper
84 100
49 132.1 106.2 159.4
51 40.8 31.3 46.9
86 63.5 48.9 73.3

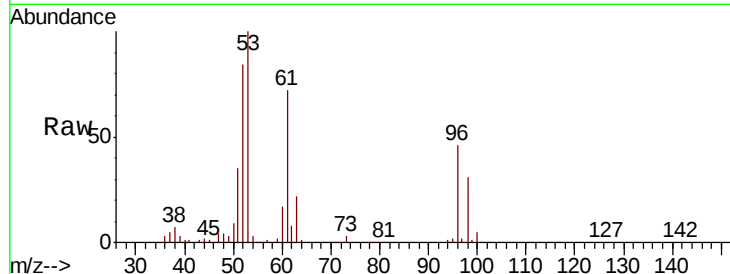




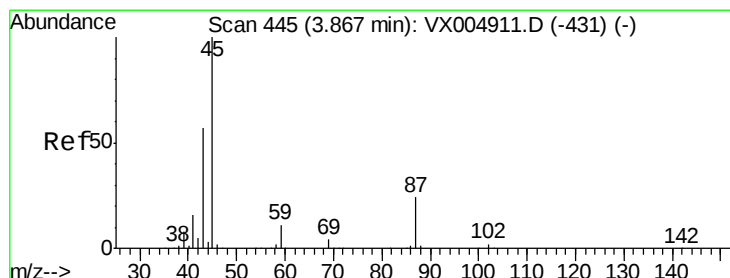
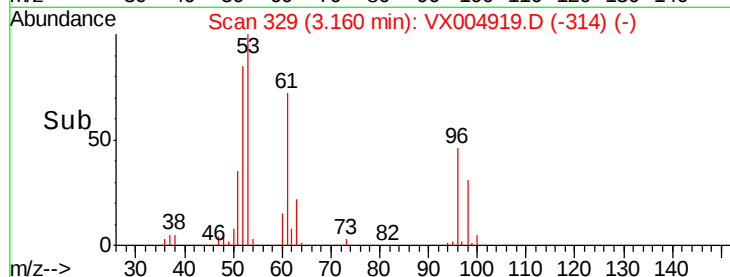
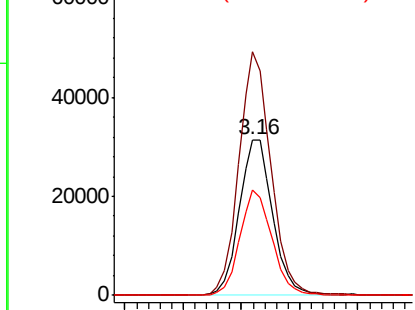
#19
trans-1,2-Dichloroethene
Concen: 19.317 ug/l
RT: 3.16 min Scan# 329
Delta R.T. -0.01 min
Lab File: VX004919.D
Acq: 02 Oct 2018 15:12

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

Tot Ion: 96 Resp: 62947
Ion Ratio Lower Upper
96 100
61 156.2 119.5 179.3
98 67.6 50.6 75.8

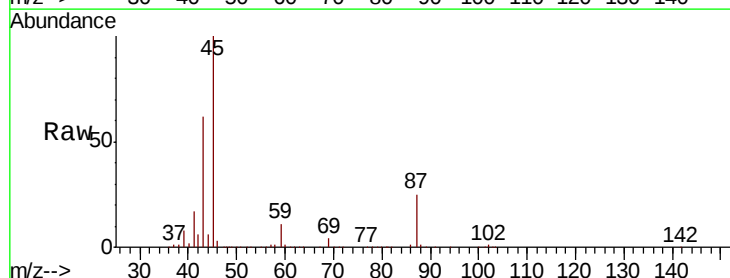


Abundance Ion 96.00 (95.70 to 96.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

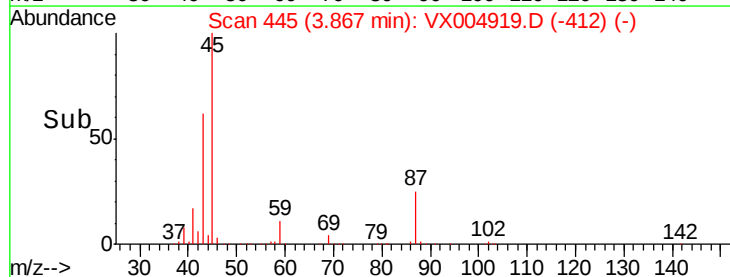
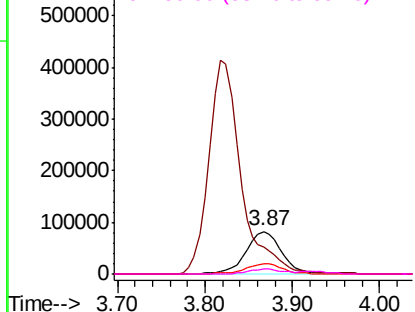


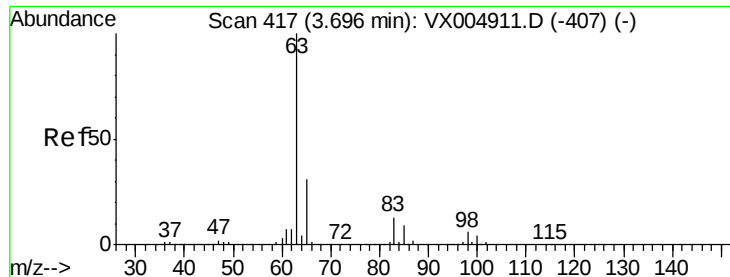
#20
Diisopropyl ether
Concen: 20.131 ug/l
RT: 3.87 min Scan# 445
Delta R.T. 0.00 min
Lab File: VX004919.D
Acq: 02 Oct 2018 15:12

Tgt Ion: 45 Resp: 232801
Ion Ratio Lower Upper
45 100
43 60.1 49.8 74.8
87 25.3 19.1 28.7
59 11.0 8.7 13.1



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





#21

1,1-Dichloroethane

Concen: 19.915 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX004919.D

Acq: 02 Oct 2018 15:12

Instrument :

MSVOA_X

ClientSampled :

VX1002WBSD01

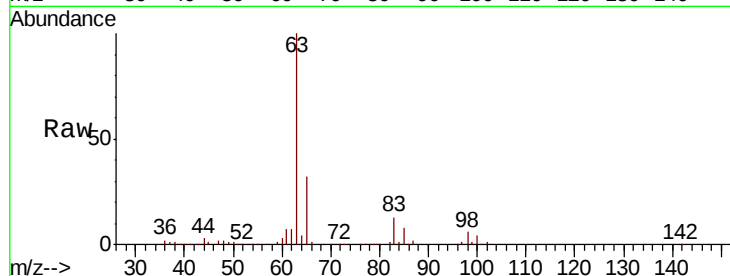
Tot Ion: 63 Resp: 126894

Ion Ratio Lower Upper

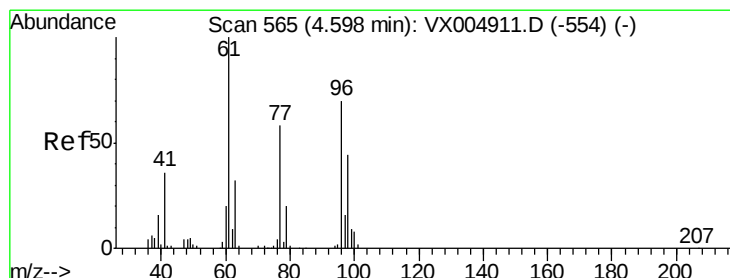
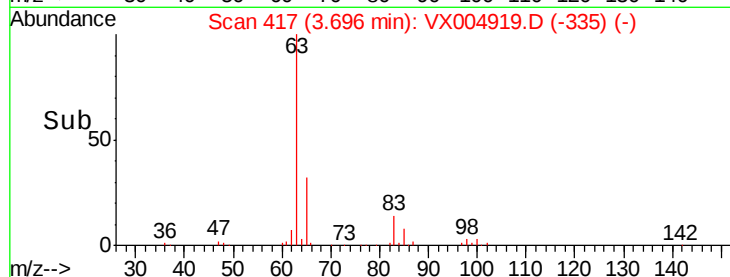
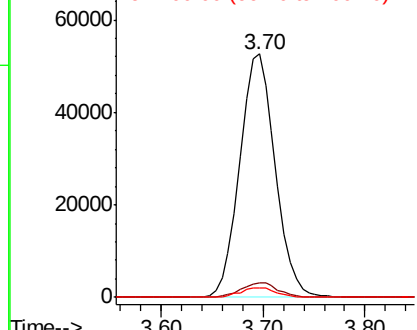
63 100

98 5.9 3.2 9.6

100 3.7 2.1 6.5



Abundance Ion 63.00 (62.70 to 63.70): VX0
Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 18.929 ug/l

RT: 4.59 min Scan# 564

Delta R.T. -0.01 min

Lab File: VX004919.D

Acq: 02 Oct 2018 15:12

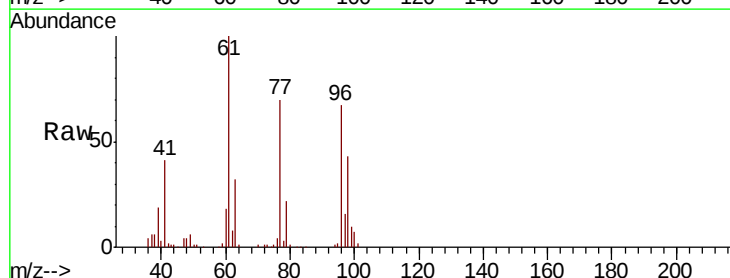
Tgt Ion: 96 Resp: 68233

Ion Ratio Lower Upper

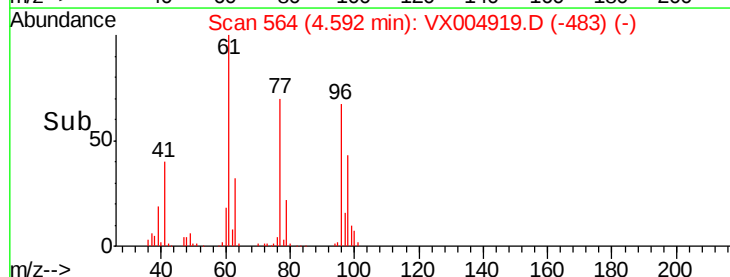
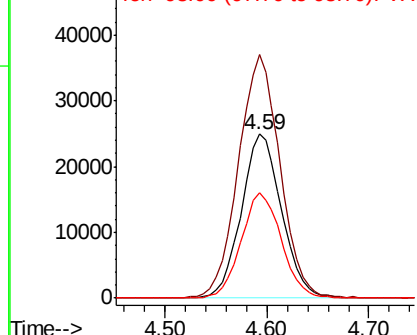
96 100

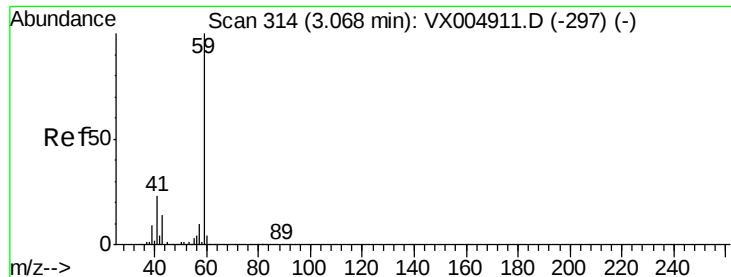
61 153.3 123.3 184.9

98 64.1 51.4 77.0



Abundance Ion 96.00 (95.70 to 96.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 98.00 (97.70 to 98.70): VX0





#23

tert-Butyl Alcohol

Concen: 97.602 ug/l

RT: 3.06 min Scan# 313

Delta R.T. -0.01 min

Lab File: VX004919.D

Acq: 02 Oct 2018 15:12

Instrument :

MSVOA_X

ClientSampleId :

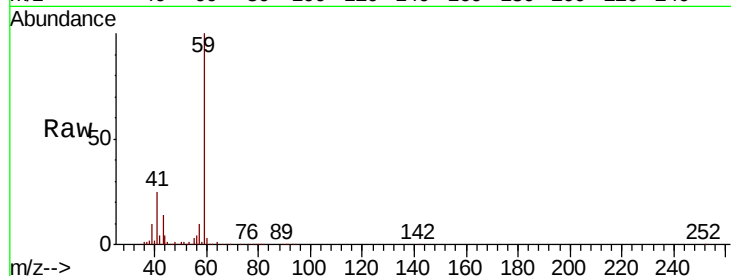
VX1002WBSD01

Tot Ion: 59 Resp: 113229

Ion Ratio Lower Upper

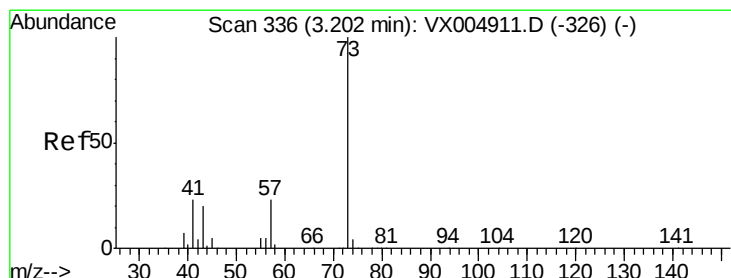
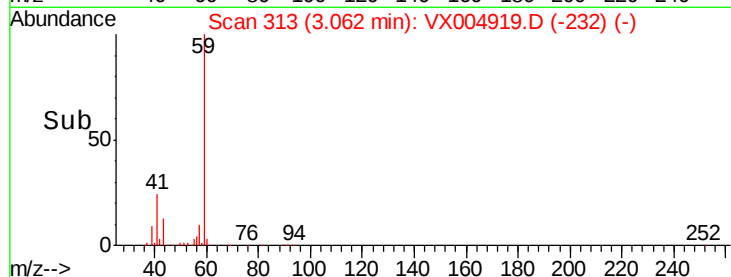
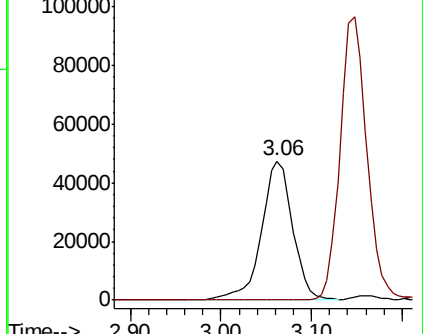
59 100

52 0.4 0.1 0.1#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#24

Methyl tert-Butyl Ether

Concen: 18.991 ug/l

RT: 3.20 min Scan# 336

Delta R.T. 0.00 min

Lab File: VX004919.D

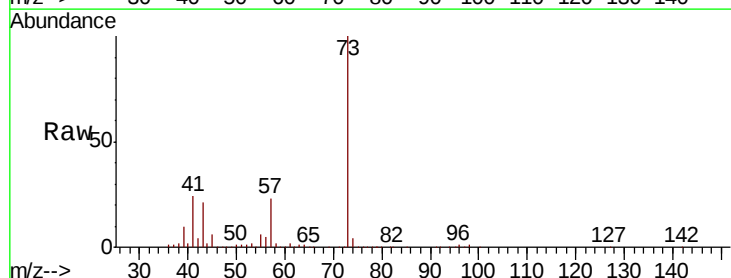
Acq: 02 Oct 2018 15:12

Tgt Ion: 73 Resp: 212864

Ion Ratio Lower Upper

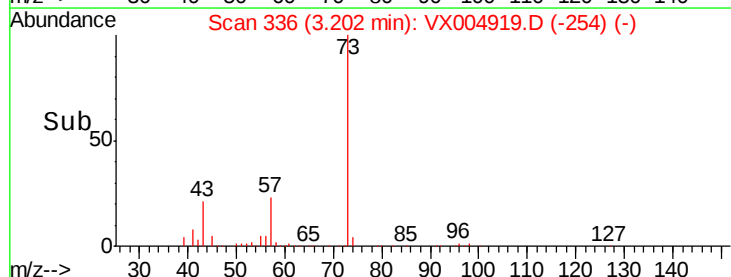
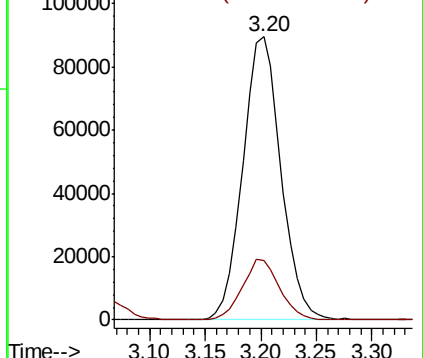
73 100

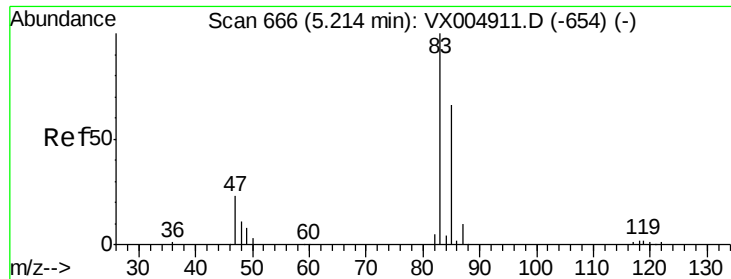
43 20.4 16.3 24.5



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

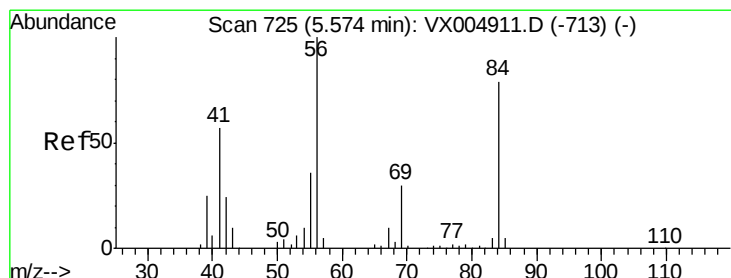
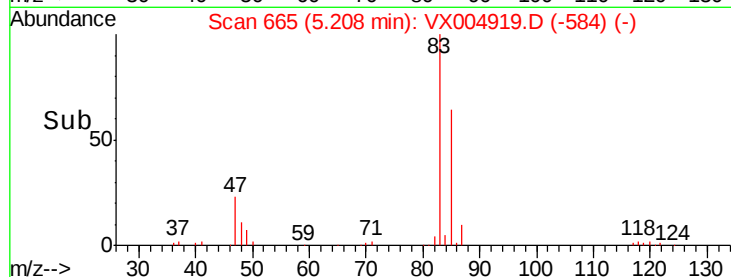
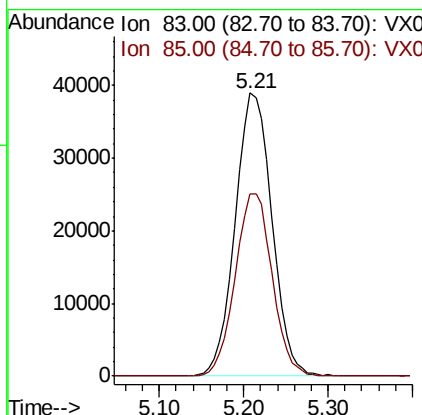
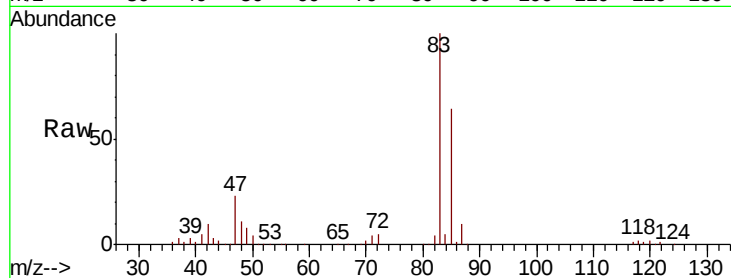




#25
Chloroform
Concen: 19.244 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX004919.D
Acq: 02 Oct 2018 15:12

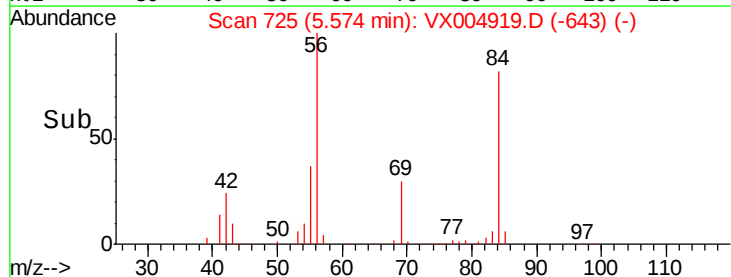
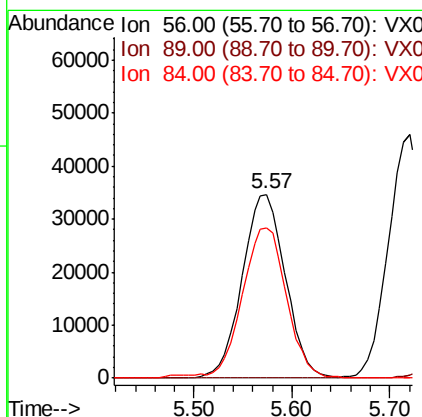
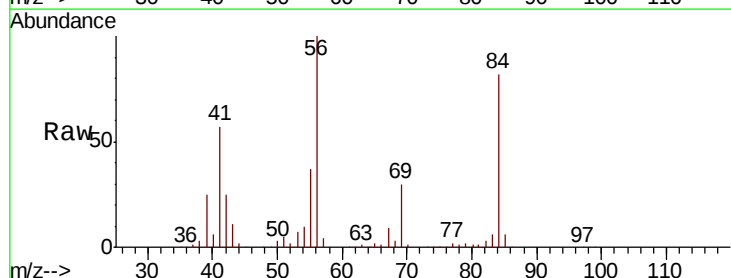
Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

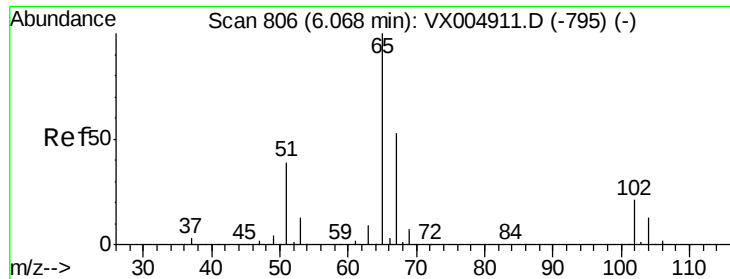
Tot Ion: 83 Resp: 115403
Ion Ratio Lower Upper
83 100
85 64.1 53.1 79.7



#26
Cyclohexane
Concen: 19.302 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX004919.D
Acq: 02 Oct 2018 15:12

Tgt Ion: 56 Resp: 105546
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 85.0 65.8 98.6





#27

1,2-Dichloroethane-d4

Concen: 28.847 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX004919.D

Acq: 02 Oct 2018 15:12

Instrument :

MSVOA_X

ClientSampleId :

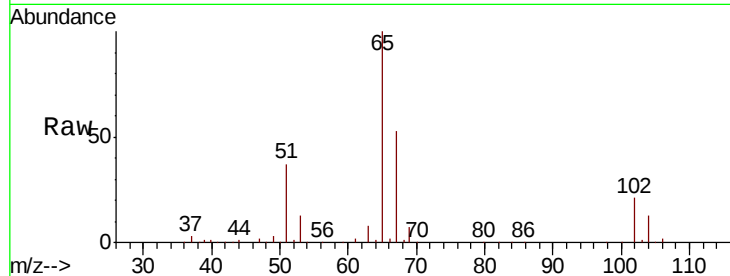
VX1002WBSD01

Tot Ion: 65 Resp: 116847

Ion Ratio Lower Upper

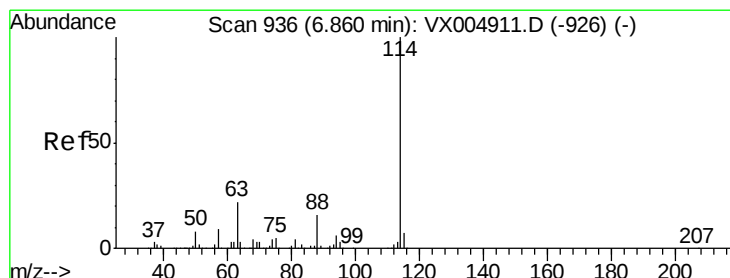
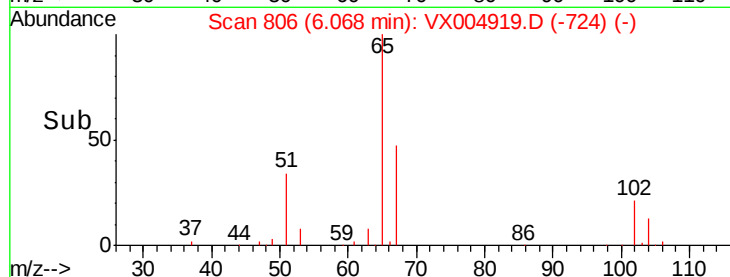
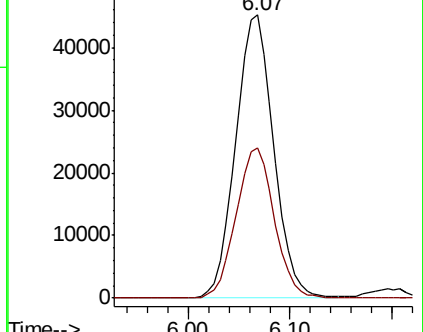
65 100

67 53.4 43.0 64.6



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX004919.D

Acq: 02 Oct 2018 15:12

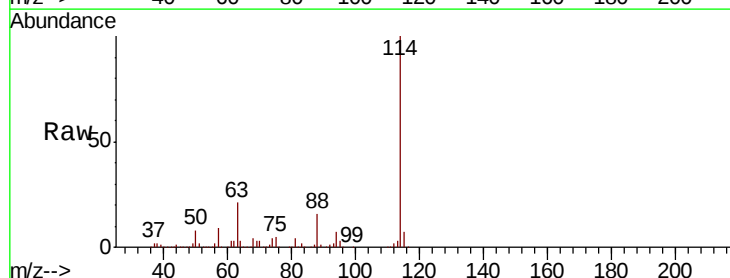
Tgt Ion: 114 Resp: 291316

Ion Ratio Lower Upper

114 100

63 20.4 16.6 24.8

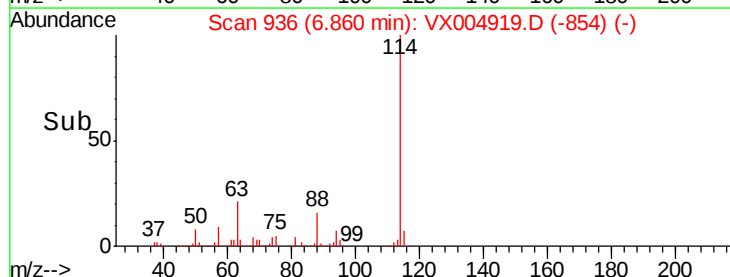
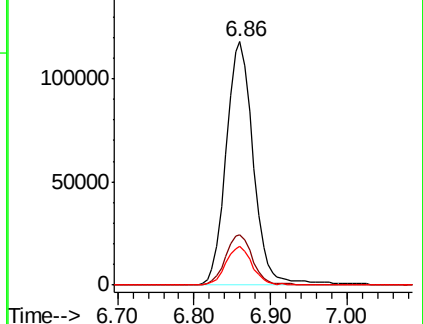
88 15.1 12.4 18.6

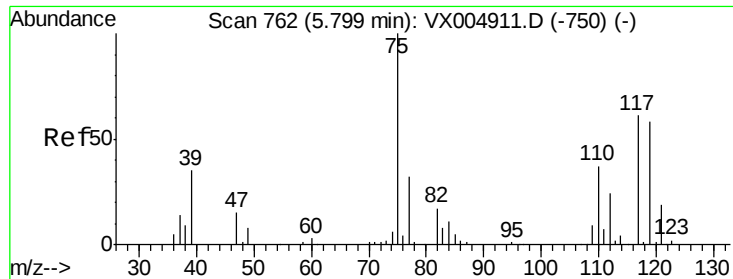


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

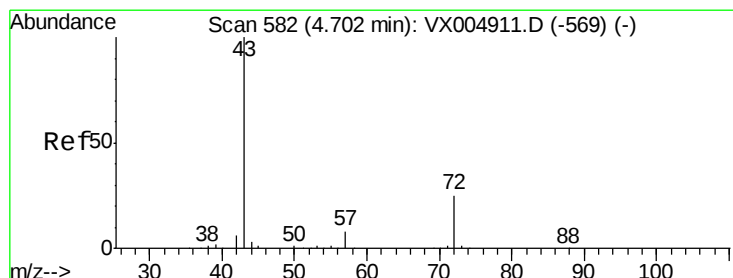
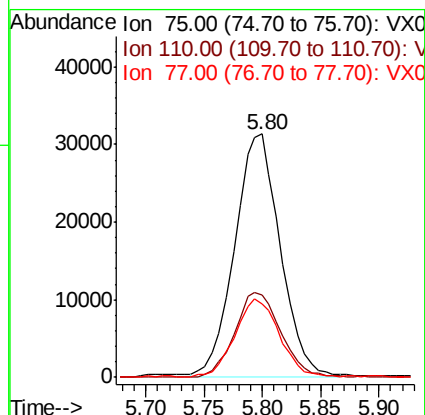
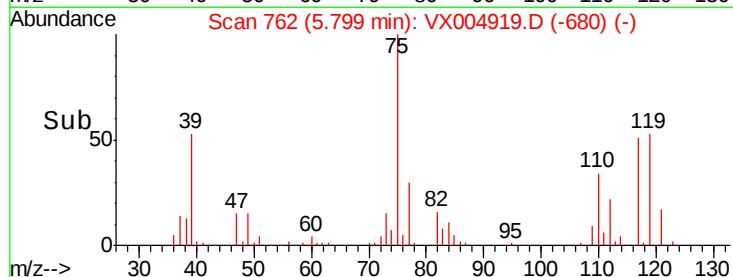
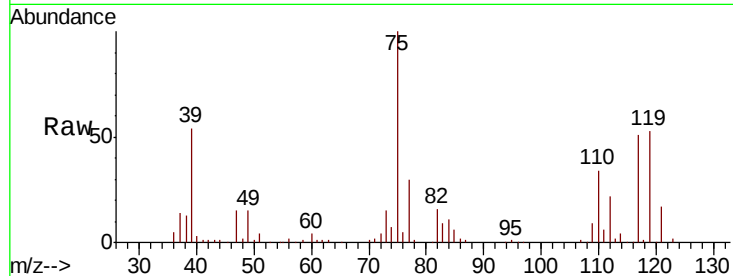




#29
 1,1-Dichloropropene
 Concen: 19.861 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX004919.D
 Acq: 02 Oct 2018 15:12

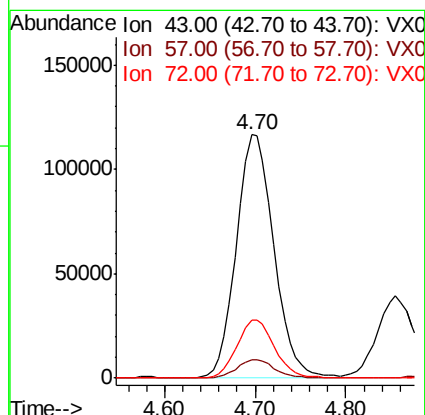
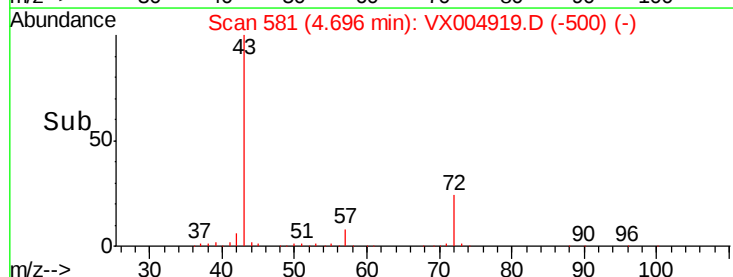
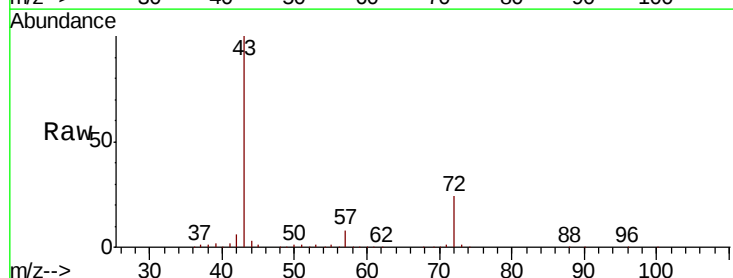
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1002WBSD01

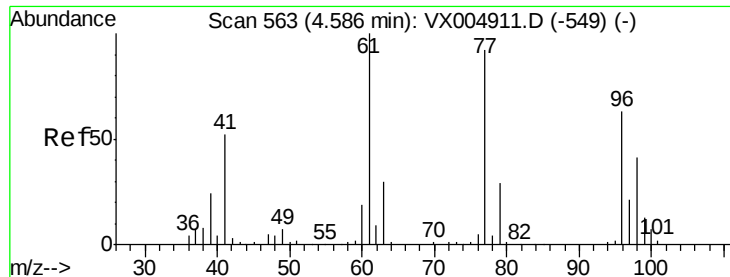
Tot Ion	Ratio	Lower	Upper
75	100		
110	35.3	0.0	70.8
77	30.8	0.0	63.0



#30
 2-Butanone
 Concen: 95.438 ug/l
 RT: 4.70 min Scan# 581
 Delta R.T. -0.01 min
 Lab File: VX004919.D
 Acq: 02 Oct 2018 15:12

Tgt Ion	Ratio	Lower	Upper
43	100		
57	7.7	6.2	9.4
72	24.1	19.7	29.5





#31

2,2-Dichloropropane

Concen: 20.064 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX004919.D

Acq: 02 Oct 2018 15:12

Instrument :

MSVOA_X

ClientSampleId :

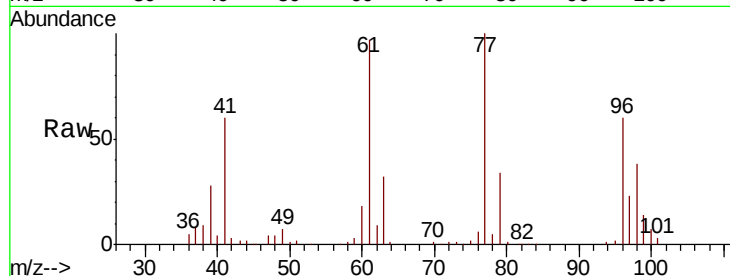
VX1002WBSD01

Tot Ion: 77 Resp: 94896

Ion Ratio Lower Upper

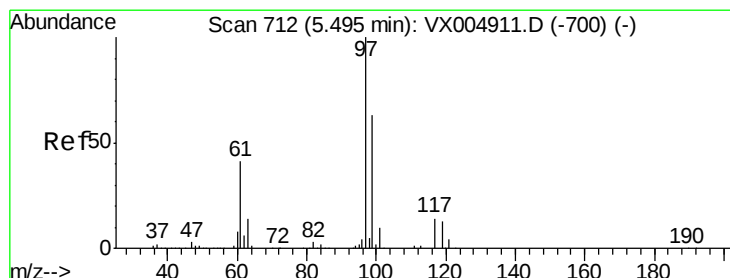
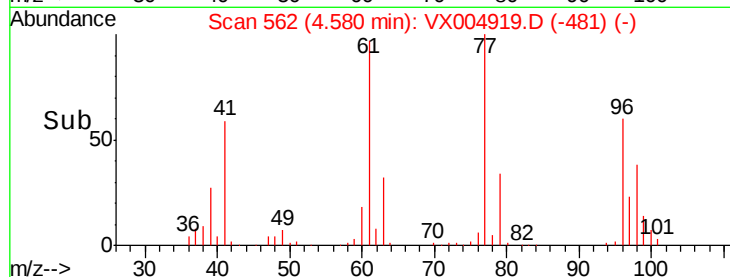
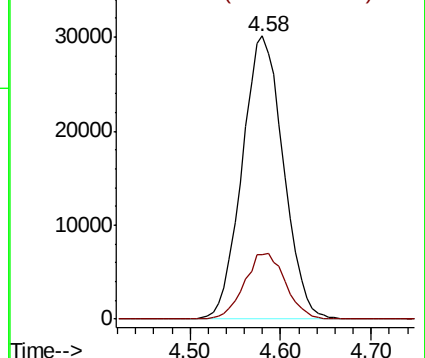
77 100

97 23.2 18.5 27.7



Abundance Ion 77.00 (76.70 to 77.70): VX0

Ion 97.00 (96.70 to 97.70): VX0



#32

1,1,1-Trichloroethane

Concen: 19.831 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX004919.D

Acq: 02 Oct 2018 15:12

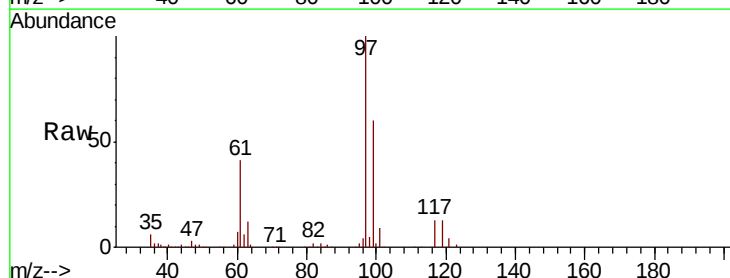
Tgt Ion: 97 Resp: 98270

Ion Ratio Lower Upper

97 100

99 64.3 51.0 76.6

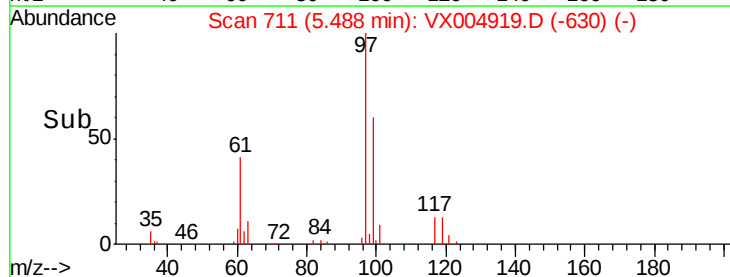
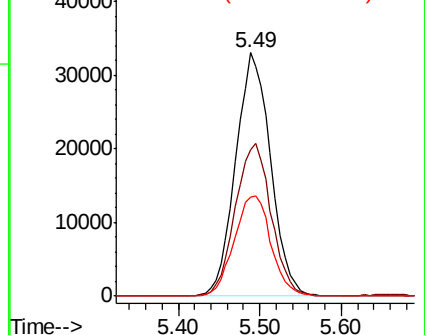
61 43.4 35.8 53.6

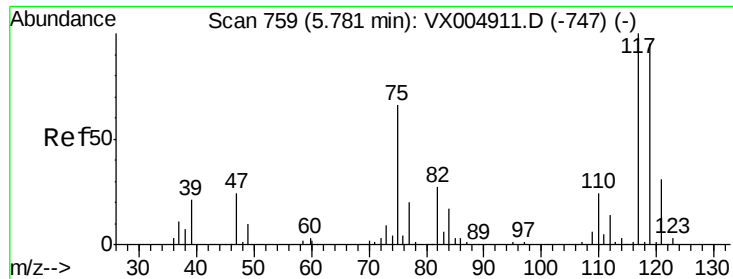


Abundance Ion 97.00 (96.70 to 97.70): VX0

Ion 99.00 (98.70 to 99.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

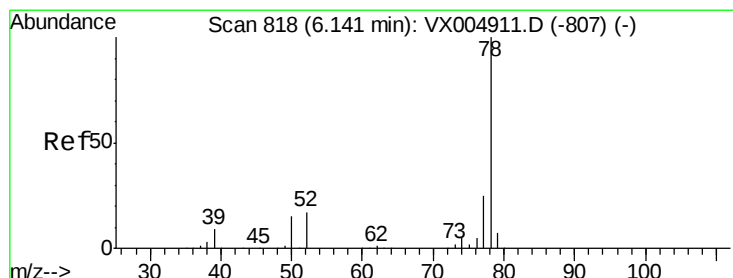
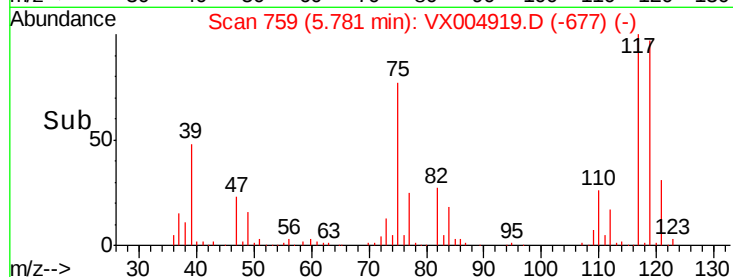
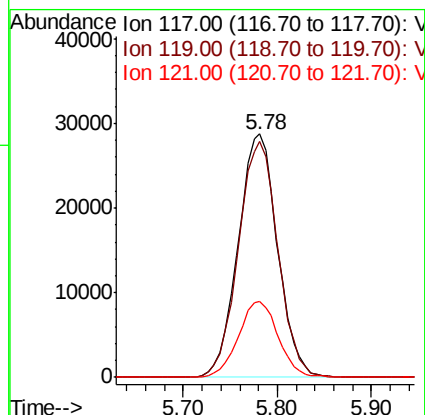
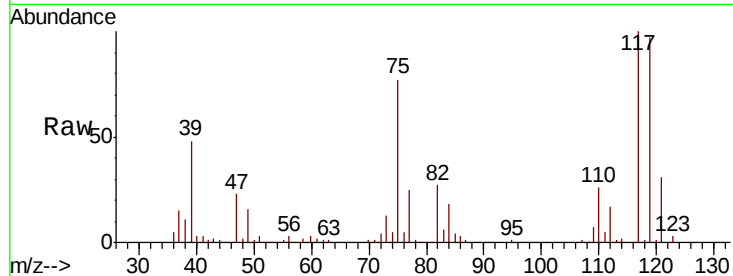




#33
Carbon Tetrachloride
Concen: 19.294 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX004919.D
Acq: 02 Oct 2018 15:12

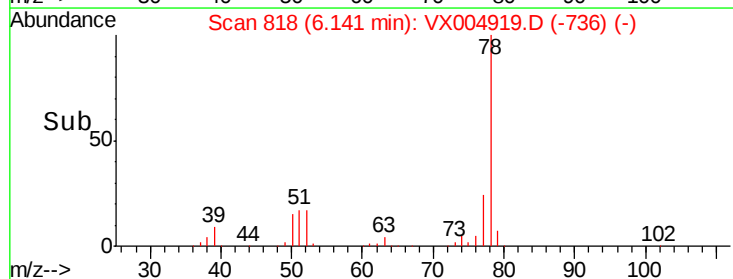
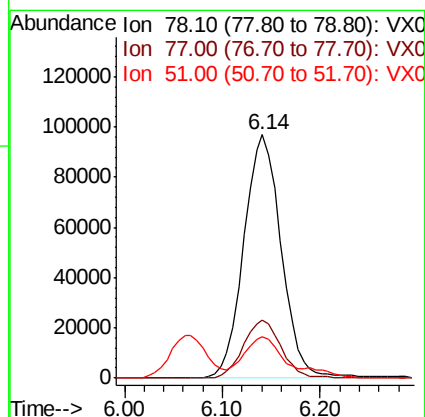
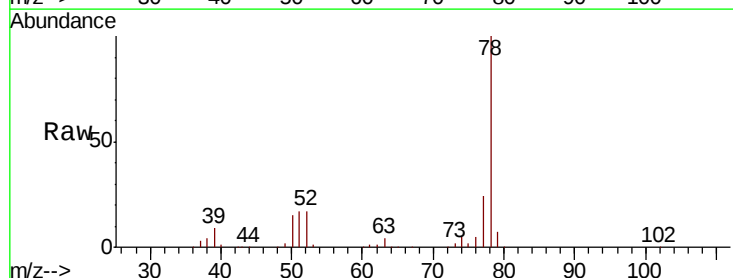
Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

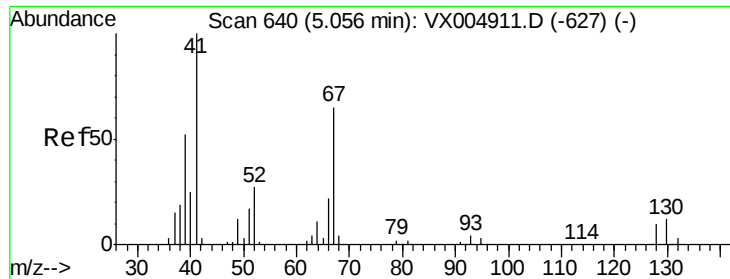
Tot Ion:117 Resp: 83969
Ion Ratio Lower Upper
117 100
119 97.1 76.2 114.4
121 31.3 25.2 37.8



#34
Benzene
Concen: 19.572 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX004919.D
Acq: 02 Oct 2018 15:12

Tgt Ion: 78 Resp: 256037
Ion Ratio Lower Upper
78 100
77 23.6 19.8 29.8
51 15.4 13.8 20.6

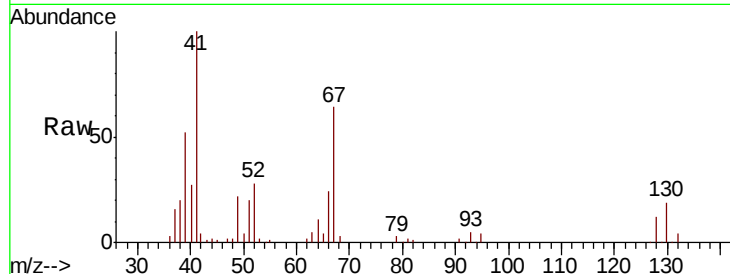




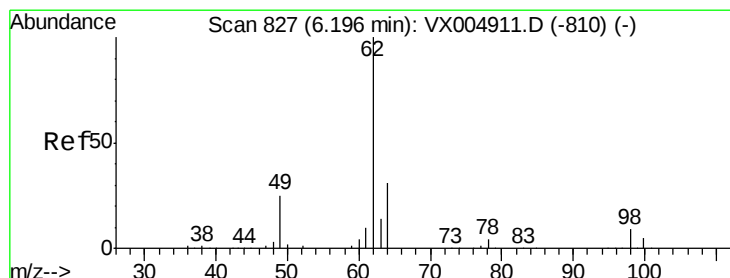
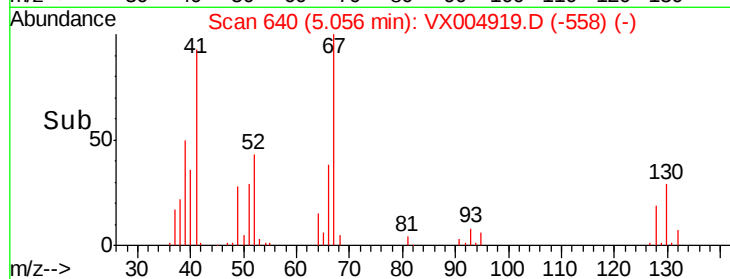
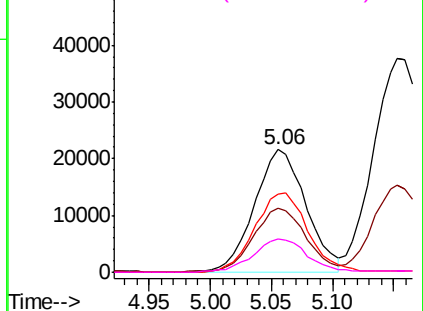
#35
Methacrylonitrile
Concen: 19.530 ug/l
RT: 5.06 min Scan# 640
Delta R.T. 0.00 min
Lab File: VX004919.D
Acq: 02 Oct 2018 15:12

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

Tot Ion:	41	Resp:	63612
Ion	Ratio	Lower	Upper
41	100		
39	51.7	26.1	78.3
67	63.8	32.3	96.9
52	27.0	13.5	40.5

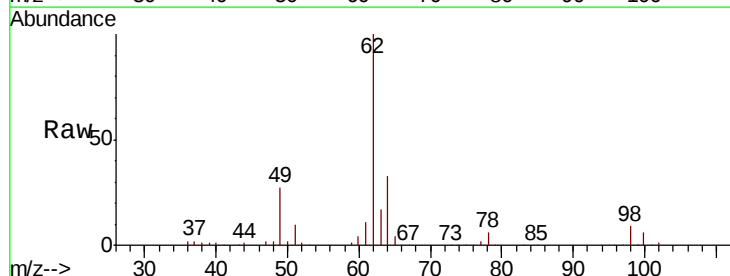


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

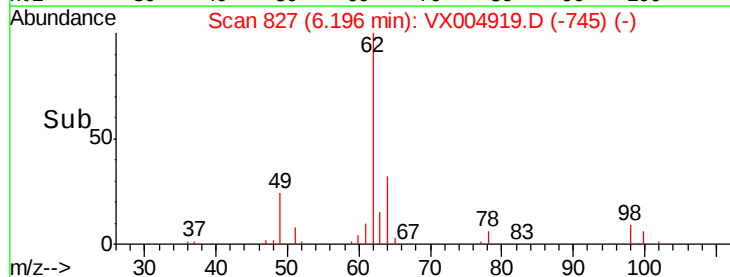
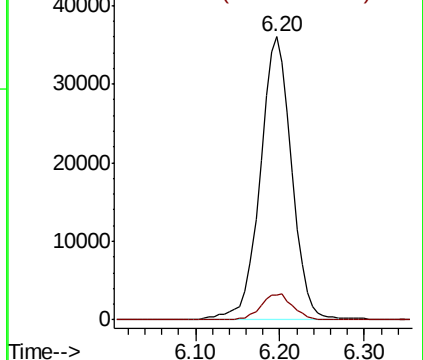


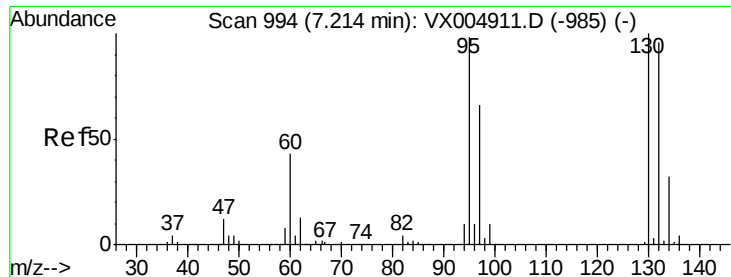
#36
1,2-Dichloroethane
Concen: 19.700 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX004919.D
Acq: 02 Oct 2018 15:12

Tgt Ion:	62	Resp:	92838
Ion	Ratio	Lower	Upper
62	100		
98	9.3	7.5	11.3



Abundance Ion 62.00 (61.70 to 62.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

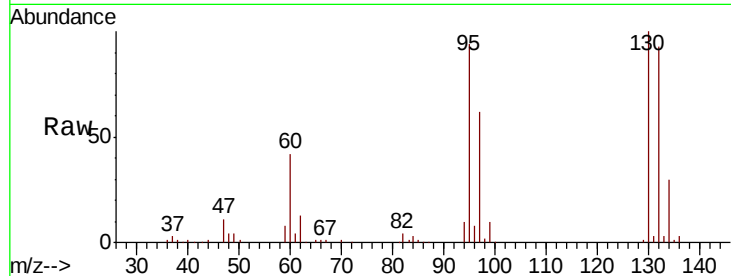




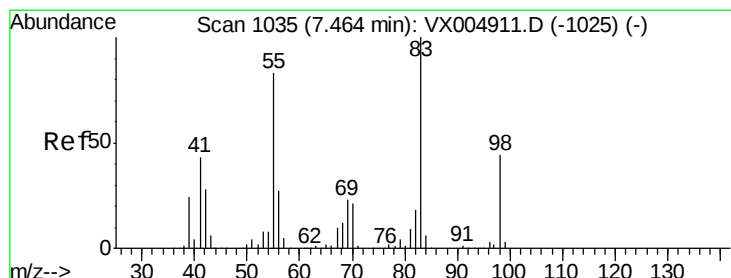
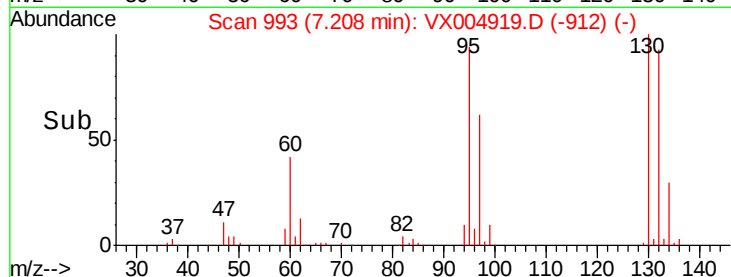
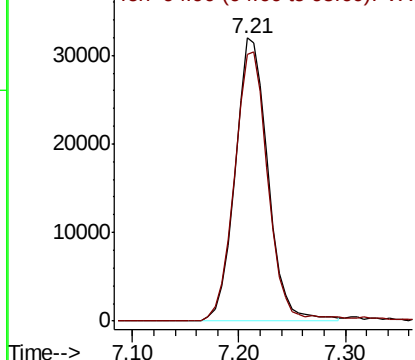
#37
 Trichloroethene
 Concen: 20.069 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: VX004919.D
 Acq: 02 Oct 2018 15:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1002WBSD01

Tot Ion:130 Resp: 69152
 Ion Ratio Lower Upper
 130 100
 95 94.3 78.5 117.7

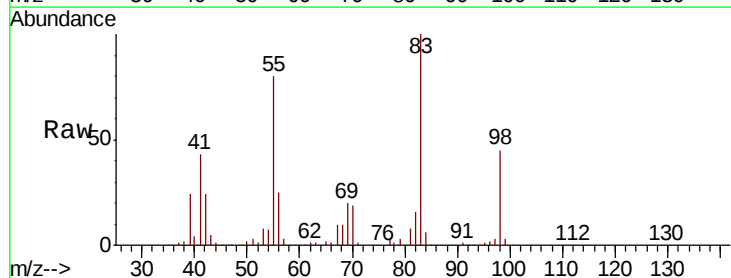


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VX0

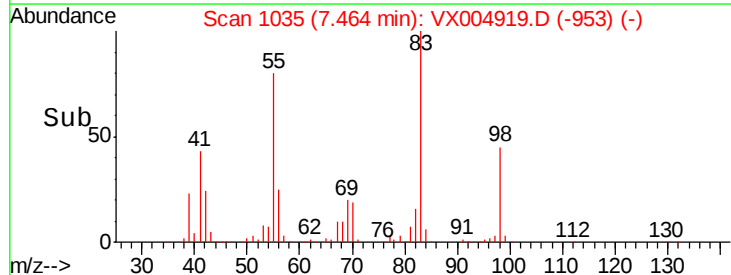
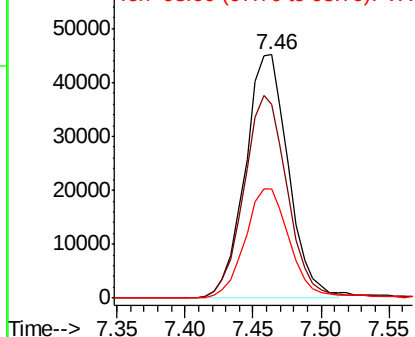


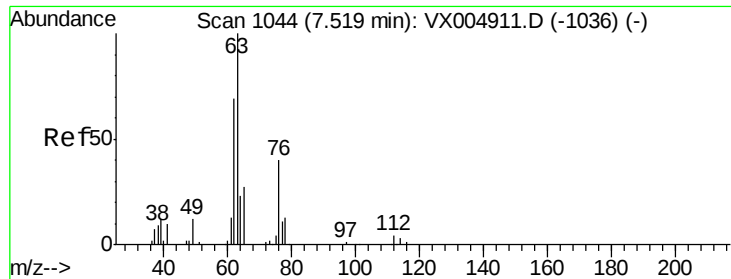
#38
 Methylcyclohexane
 Concen: 19.649 ug/l
 RT: 7.46 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: VX004919.D
 Acq: 02 Oct 2018 15:12

Tgt Ion: 83 Resp: 100566
 Ion Ratio Lower Upper
 83 100
 55 83.1 41.8 125.3
 98 46.1 22.4 67.3



Abundance Ion 83.00 (82.70 to 83.70): VX0
 Ion 55.00 (54.70 to 55.70): VX0
 Ion 98.00 (97.70 to 98.70): VX0

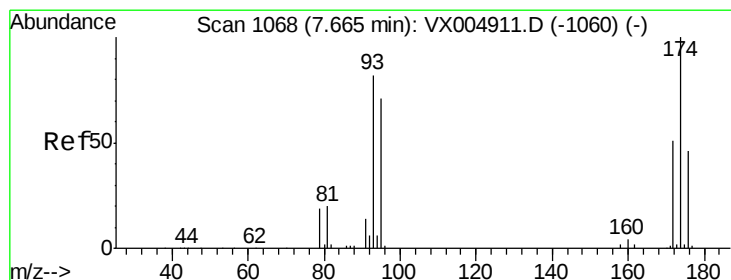
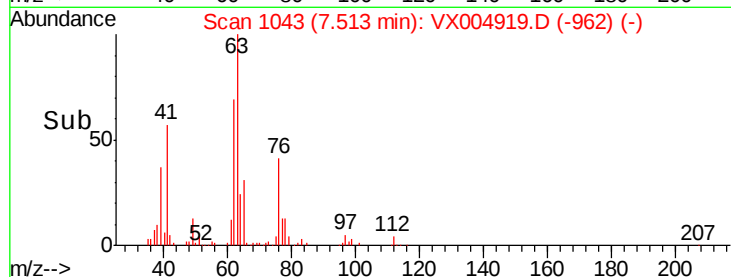
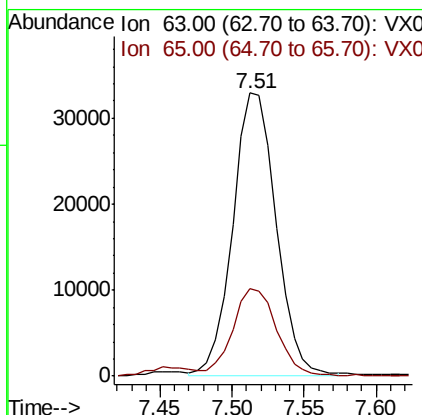
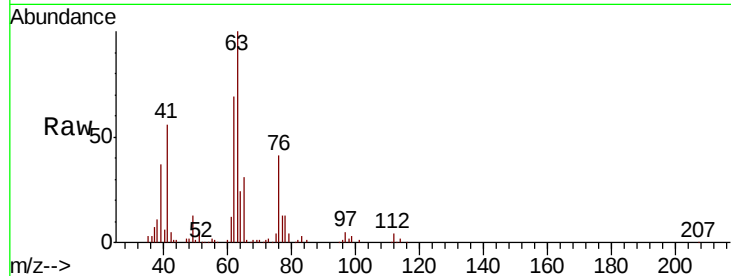




#39
 1,2-Dichloropropane
 Concen: 19.715 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: VX004919.D
 Acq: 02 Oct 2018 15:12

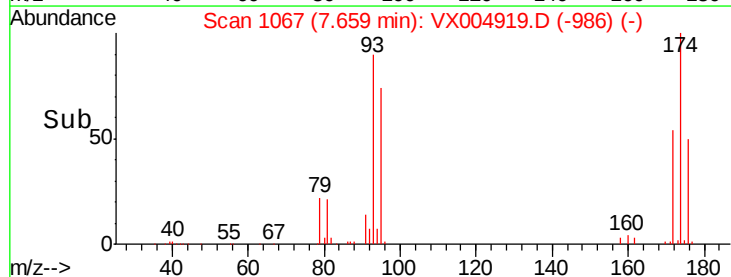
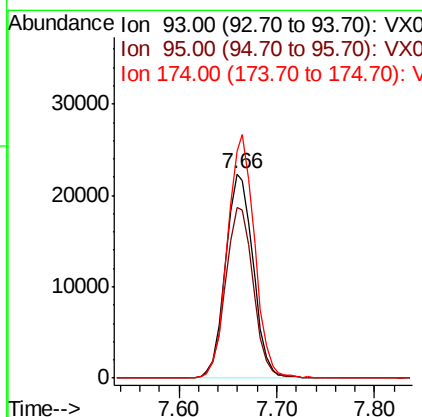
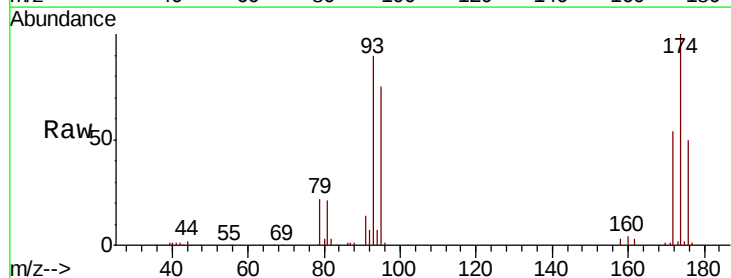
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1002WBSD01

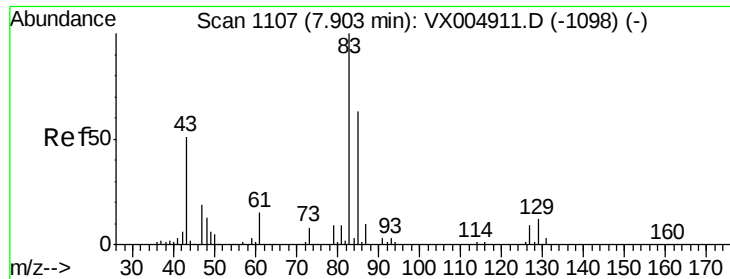
Tot Ion: 63 Resp: 68717
 Ion Ratio Lower Upper
 63 100
 65 30.8 23.2 34.8



#40
 Dibromomethane
 Concen: 19.468 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.01 min
 Lab File: VX004919.D
 Acq: 02 Oct 2018 15:12

Tgt Ion: 93 Resp: 43980
 Ion Ratio Lower Upper
 93 100
 95 83.2 0.0 172.4
 174 115.8 0.0 234.0





#41

Bromodichloromethane

Concen: 19.255 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VX004919.D

Acq: 02 Oct 2018 15:12

Instrument :

MSVOA_X

ClientSampleId :

VX1002WBSD01

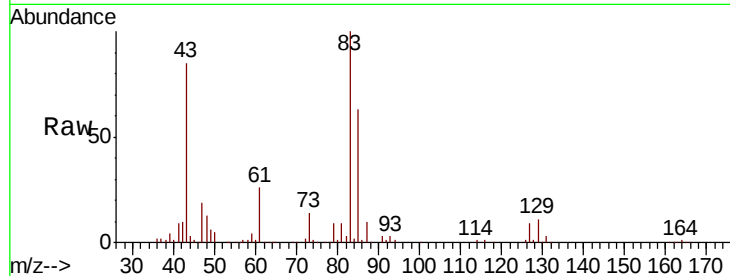
Tot Ion: 83 Resp: 83857

Ion Ratio Lower Upper

83 100

85 62.6 50.2 75.4

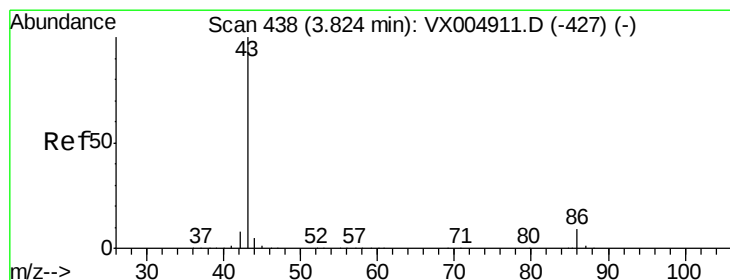
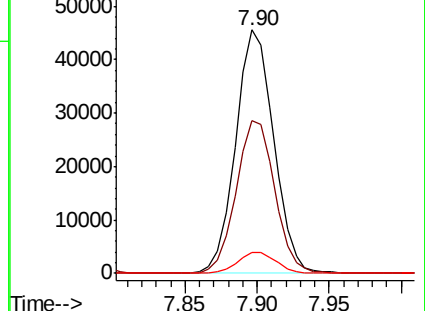
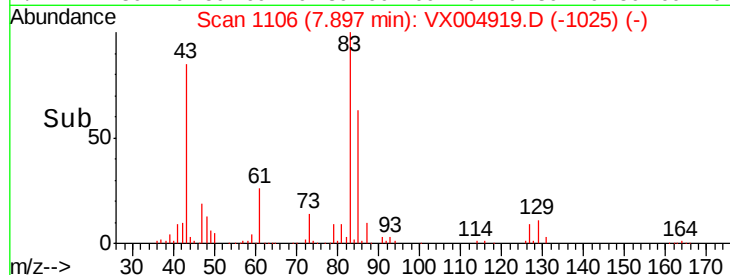
127 8.7 6.9 10.3



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 105.467 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.01 min

Lab File: VX004919.D

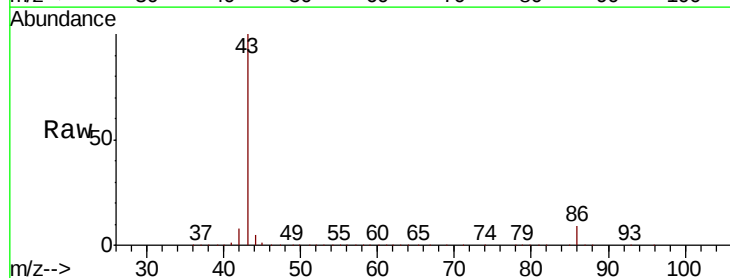
Acq: 02 Oct 2018 15:12

Tgt Ion: 43 Resp: 1069418

Ion Ratio Lower Upper

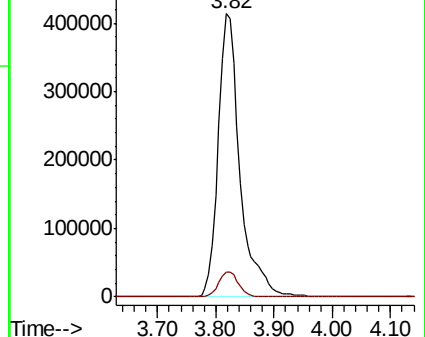
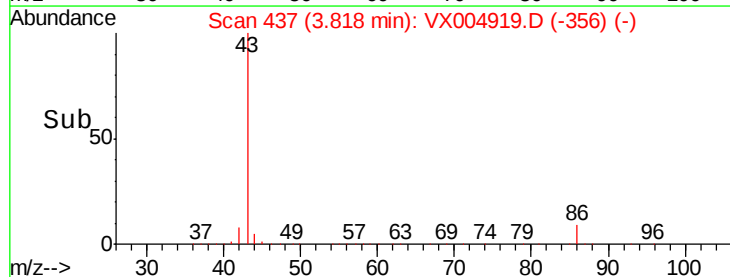
43 100

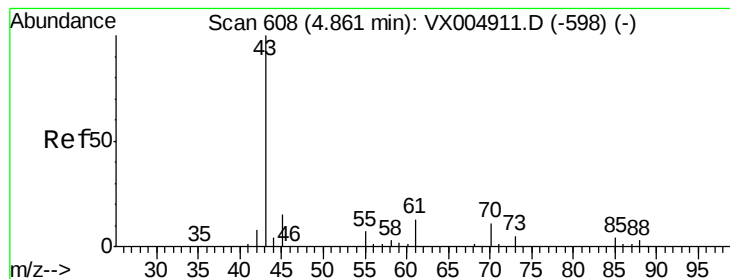
86 8.2 6.6 10.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0





#43

Ethyl Acetate

Concen: 19.133 ug/l

RT: 4.85 min Scan# 607

Delta R.T. -0.01 min

Lab File: VX004919.D

Acq: 02 Oct 2018 15:12

Instrument :

MSVOA_X

ClientSampleId :

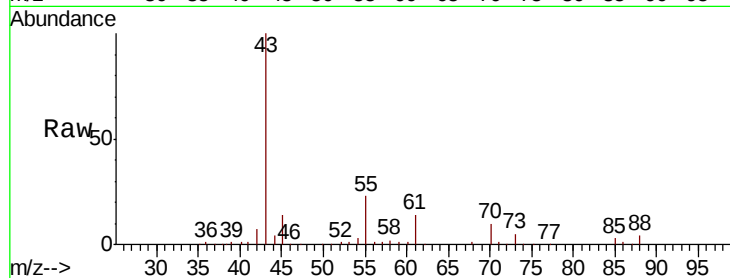
VX1002WBSD01

Tot Ion: 43 Resp: 110617

Ion Ratio Lower Upper

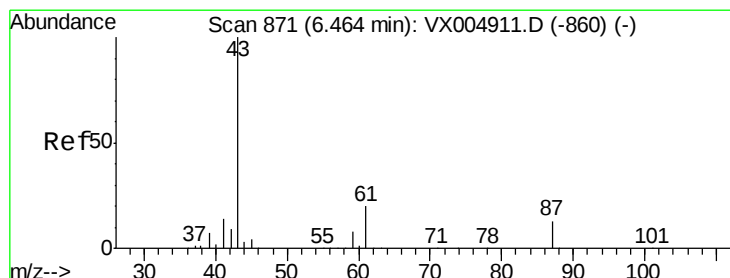
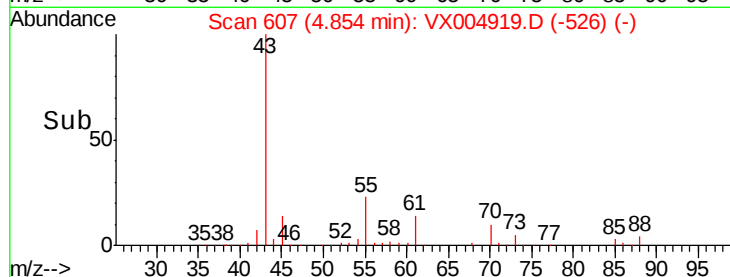
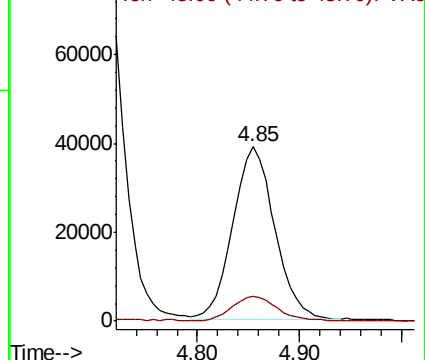
43 100

45 14.8 12.3 18.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#44

Isopropyl Acetate

Concen: 19.001 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.01 min

Lab File: VX004919.D

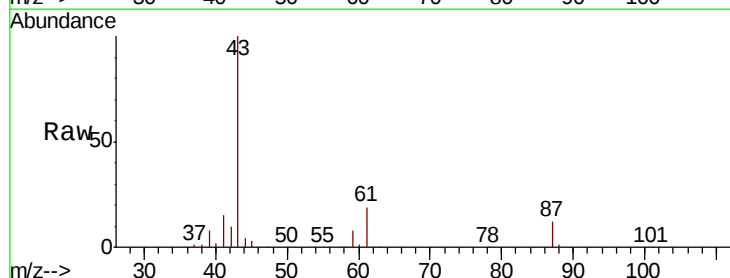
Acq: 02 Oct 2018 15:12

Tgt Ion: 43 Resp: 163933

Ion Ratio Lower Upper

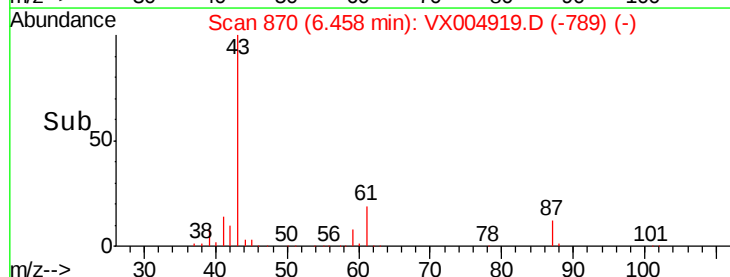
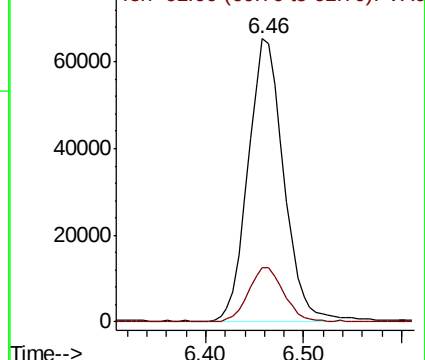
43 100

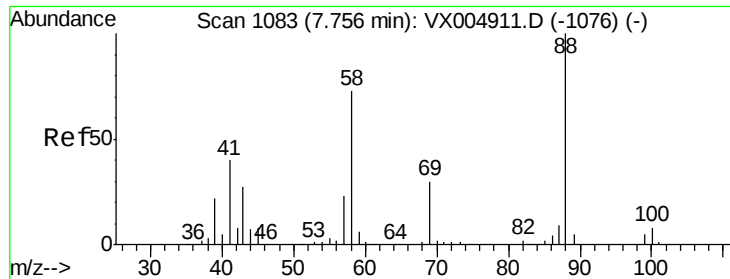
61 19.3 15.7 23.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

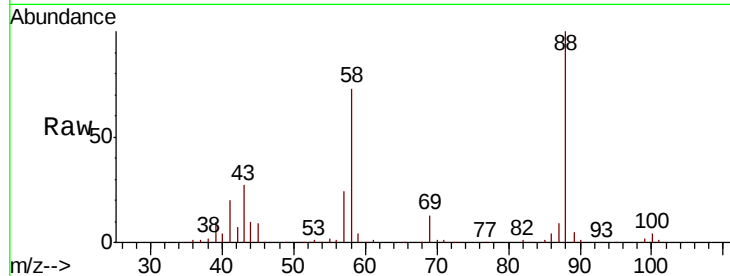




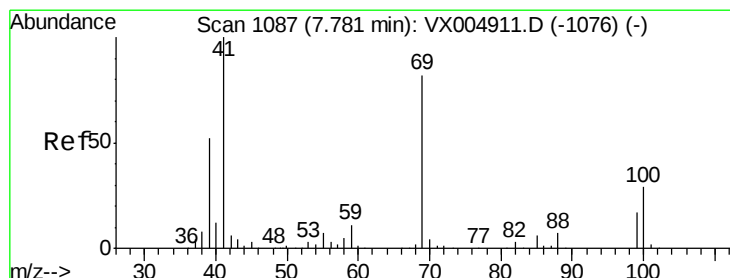
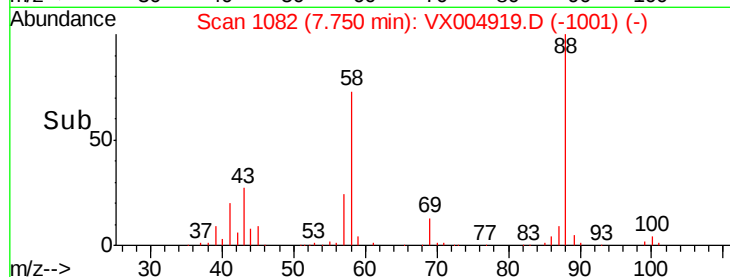
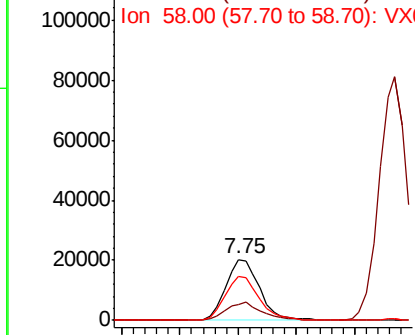
#45
1,4-Dioxane
Concen: 399.616 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VX004919.D
Acq: 02 Oct 2018 15:12

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

Tot Ion: 88 Resp: 40620
Ion Ratio Lower Upper
88 100
43 31.9 25.4 38.0
58 74.0 61.0 91.6

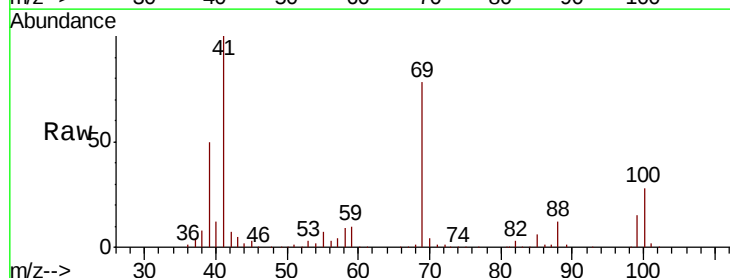


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

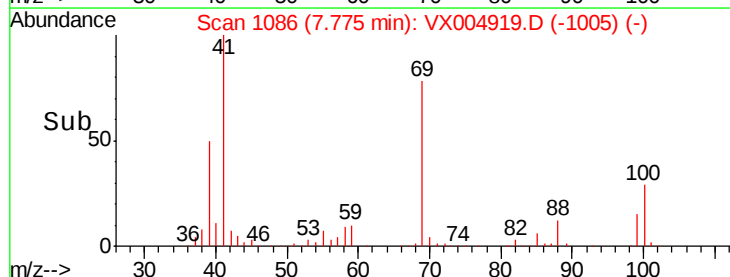
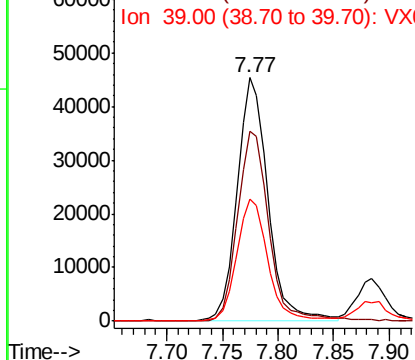


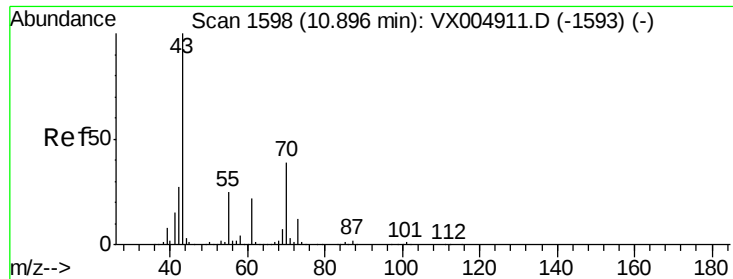
#46
Methyl methacrylate
Concen: 19.266 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. -0.01 min
Lab File: VX004919.D
Acq: 02 Oct 2018 15:12

Tgt Ion: 41 Resp: 86242
Ion Ratio Lower Upper
41 100
69 77.9 41.0 123.0
39 49.8 25.9 77.7



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





#47

n-amvl Acetate

Concen: 17.978 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX004919.D

Acq: 02 Oct 2018 15:12

Instrument :

MSVOA_X

ClientSampled :

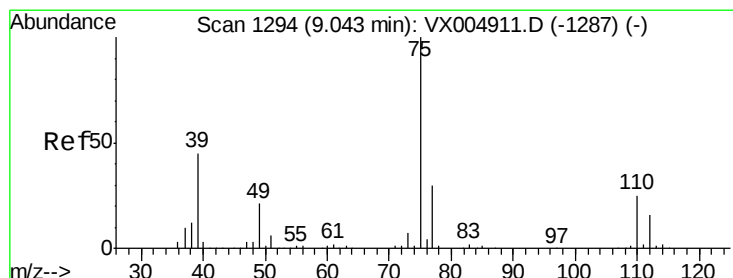
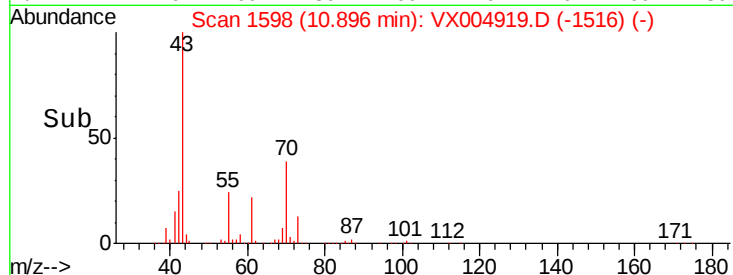
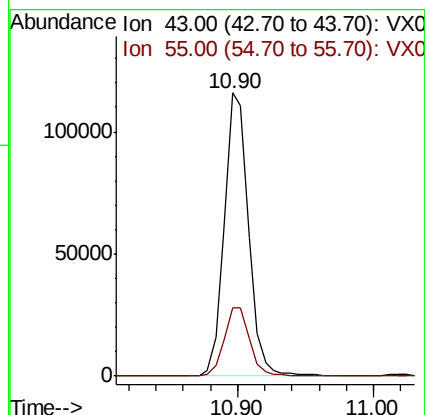
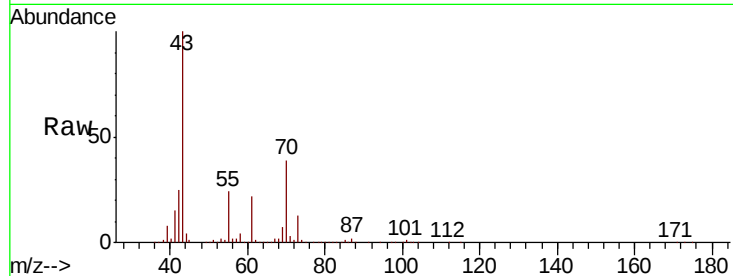
VX1002WBSD01

Tot Ion: 43 Resp: 143103

Ion Ratio Lower Upper

43 100

55 25.5 20.0 30.0



#48

t-1,3-Dichloropropene

Concen: 18.712 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX004919.D

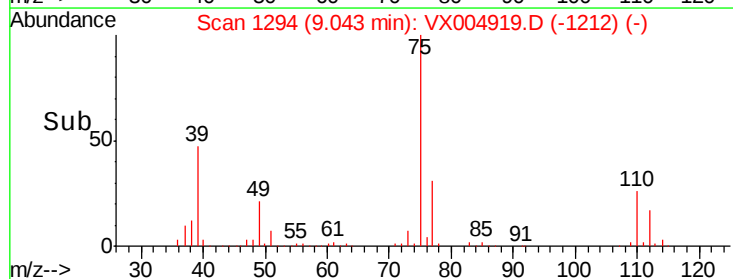
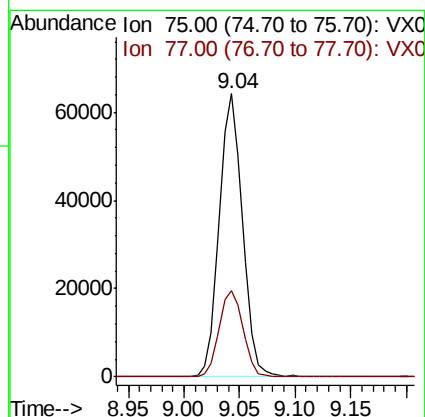
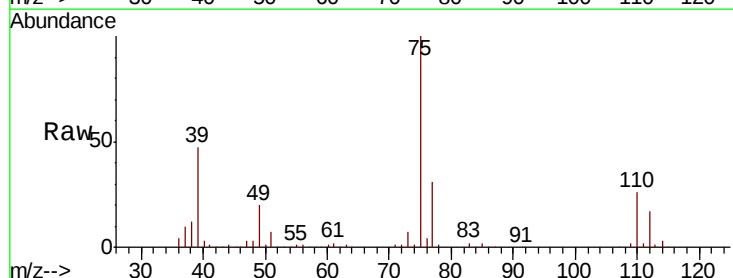
Acq: 02 Oct 2018 15:12

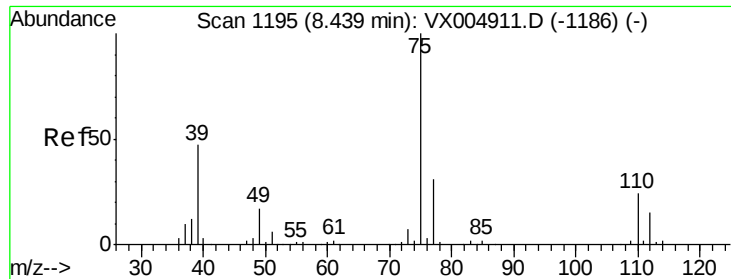
Tgt Ion: 75 Resp: 93232

Ion Ratio Lower Upper

75 100

77 30.7 24.4 36.6



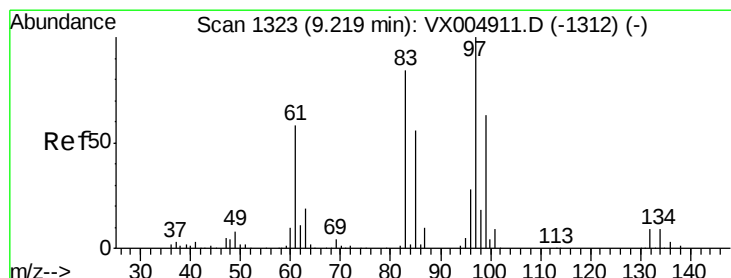
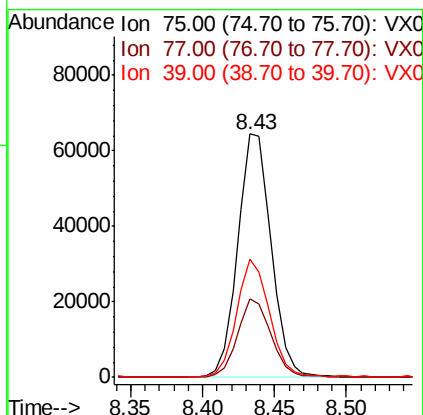
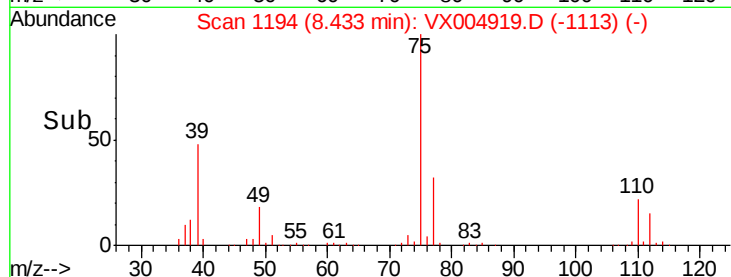
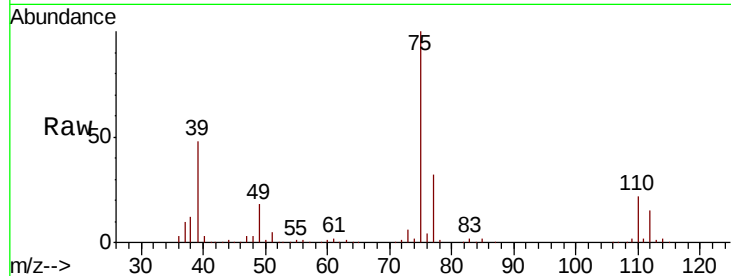


#49

cis-1,3-Dichloropropene
 Concen: 19.337 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: VX004919.D
 Acq: 02 Oct 2018 15:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1002WBSD01

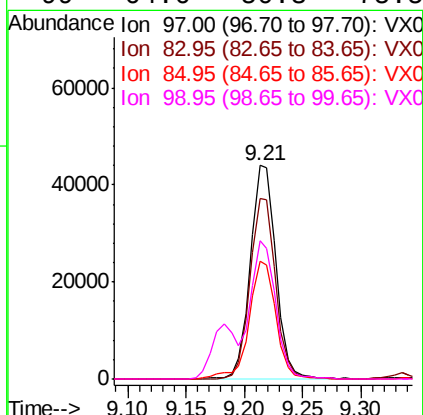
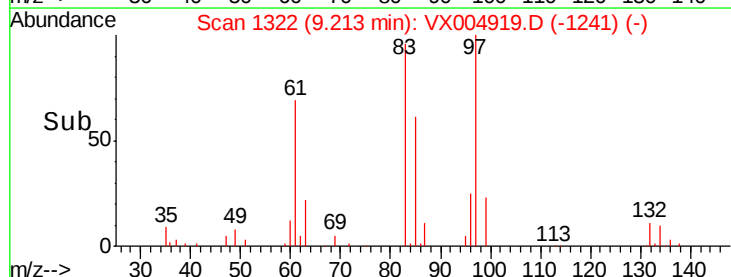
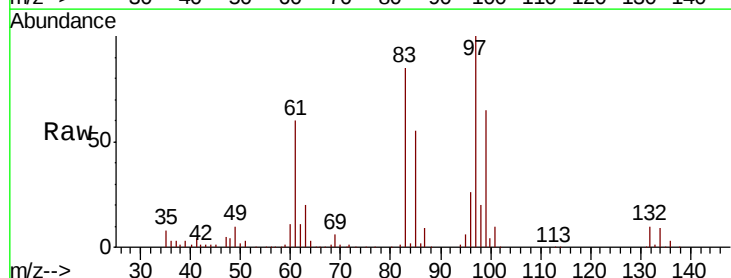
Tot Ion: 75 Resp: 104428
 Ion Ratio Lower Upper
 75 100
 77 32.1 24.9 37.3
 39 48.2 38.0 57.0

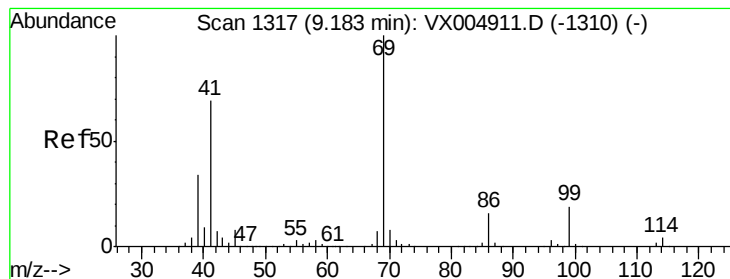


#50

1,1,2-Trichloroethane
 Concen: 19.857 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: VX004919.D
 Acq: 02 Oct 2018 15:12

Tgt Ion: 97 Resp: 67917
 Ion Ratio Lower Upper
 97 100
 83 84.6 67.2 100.8
 85 55.2 44.7 67.1
 99 64.6 50.3 75.5





#51

Ethyl methacrylate

Concen: 18.777 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VX004919.D

Acq: 02 Oct 2018 15:12

Instrument :

MSVOA_X

ClientSampleId :

VX1002WBSD01

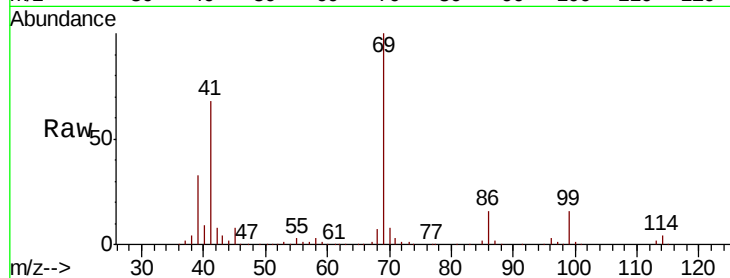
Tot Ion: 69 Resp: 101920

Ion Ratio Lower Upper

69 100

41 68.0 34.6 103.9

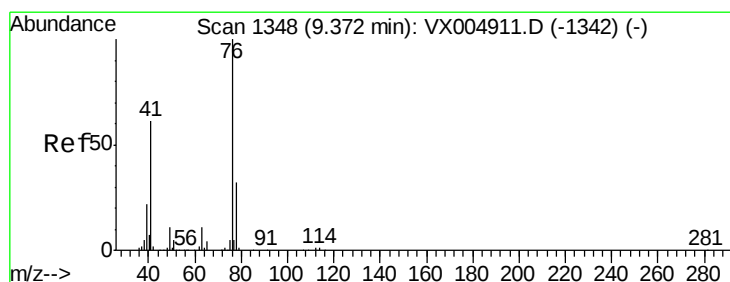
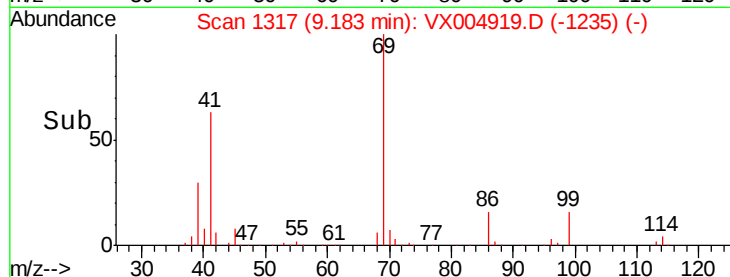
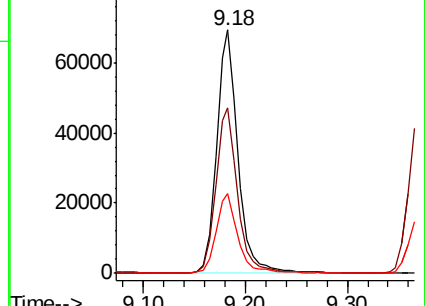
39 32.7 17.0 51.0



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 19.321 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX004919.D

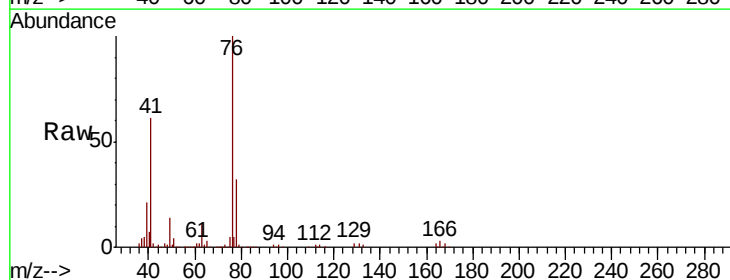
Acq: 02 Oct 2018 15:12

Tgt Ion: 76 Resp: 111487

Ion Ratio Lower Upper

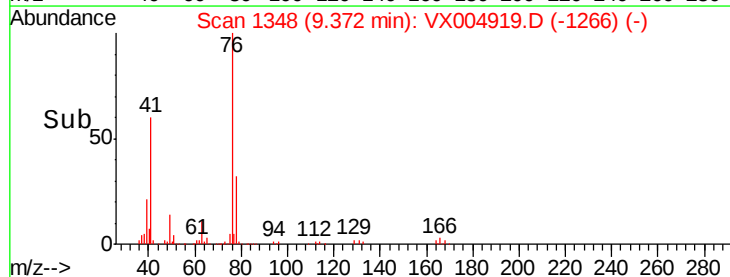
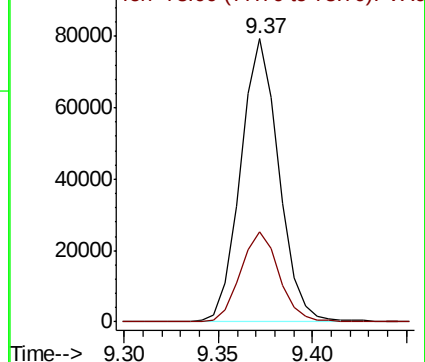
76 100

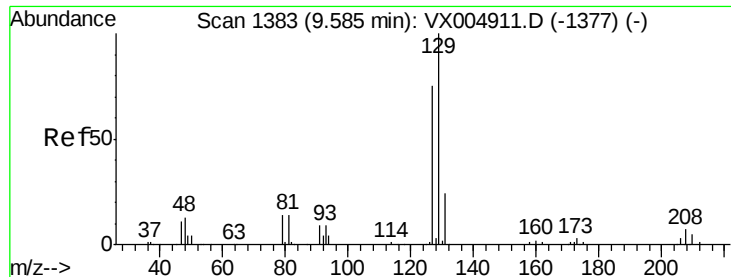
78 32.6 0.0 64.4



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 18.997 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. 0.00 min

Lab File: VX004919.D

Acq: 02 Oct 2018 15:12

Instrument :

MSVOA_X

ClientSampleId :

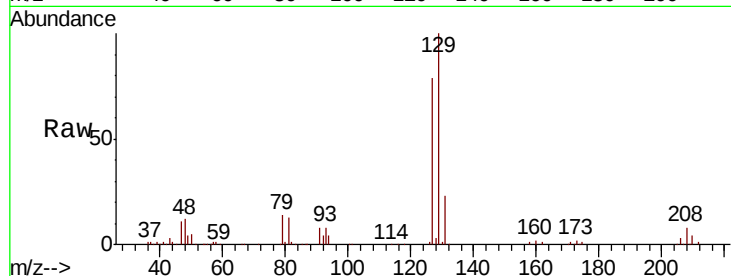
VX1002WBSD01

Tot Ion:129 Resp: 67411

Ion Ratio Lower Upper

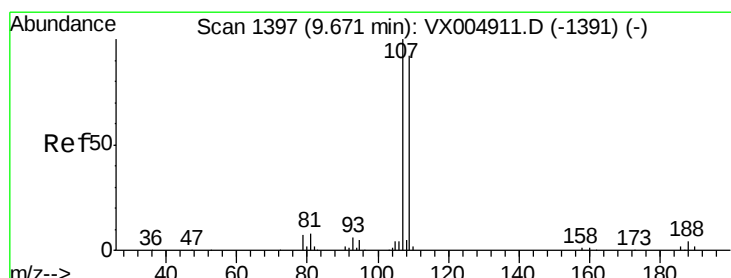
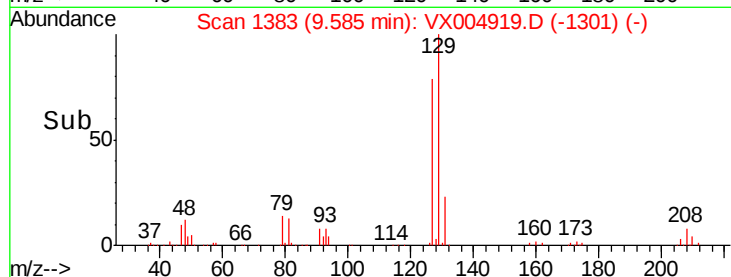
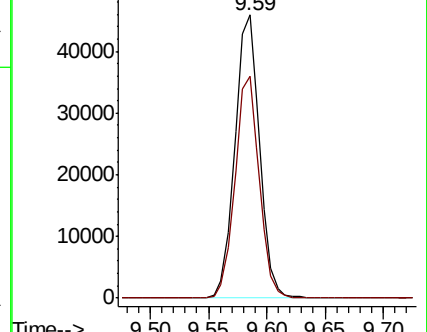
129 100

127 77.2 38.3 114.9



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 19.220 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX004919.D

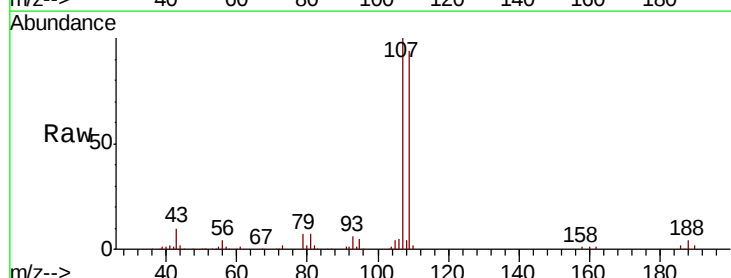
Acq: 02 Oct 2018 15:12

Tgt Ion:107 Resp: 68506

Ion Ratio Lower Upper

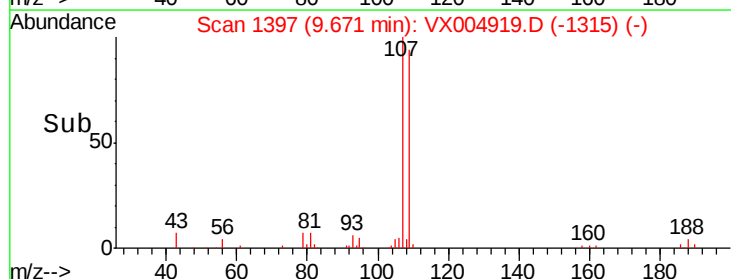
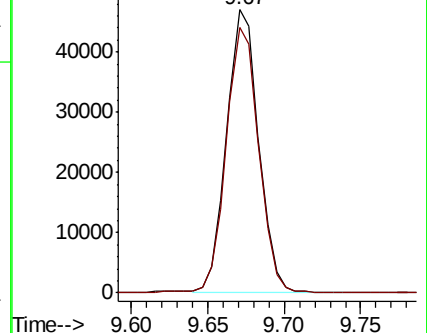
107 100

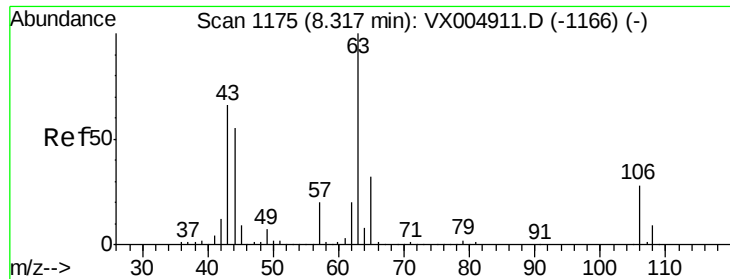
109 94.3 74.8 112.2



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

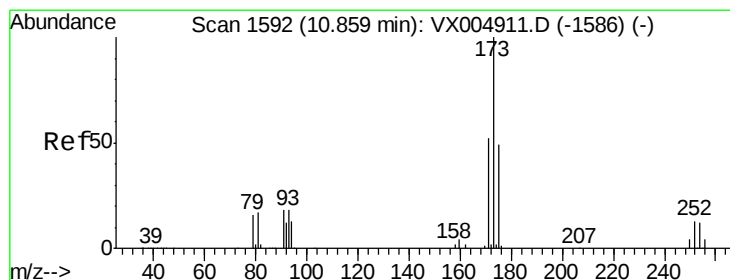
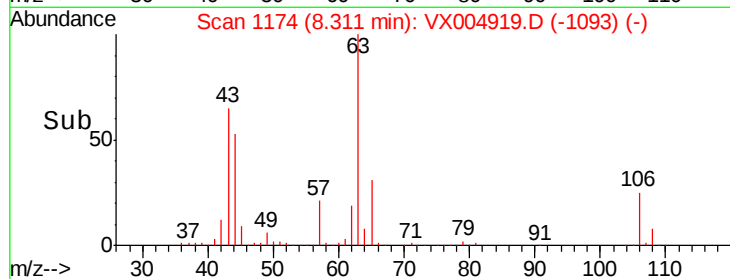
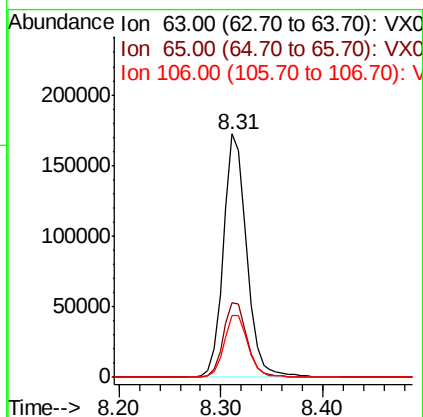
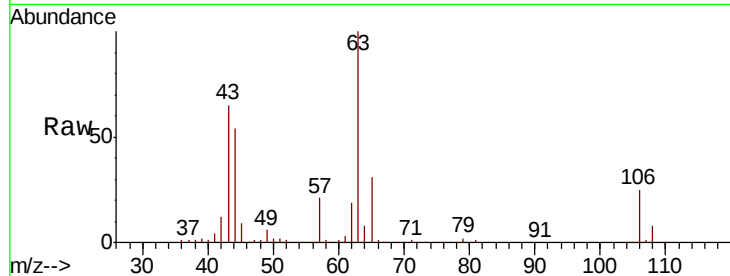




#55
2-Chloroethyl vinyl ether
Concen: 95.337 ug/l
RT: 8.31 min Scan# 1174
Delta R.T. -0.01 min
Lab File: VX004919.D
Acq: 02 Oct 2018 15:12

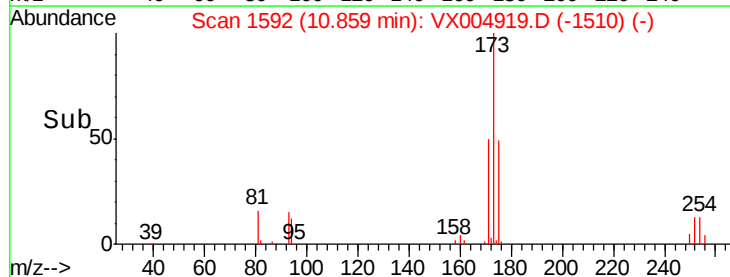
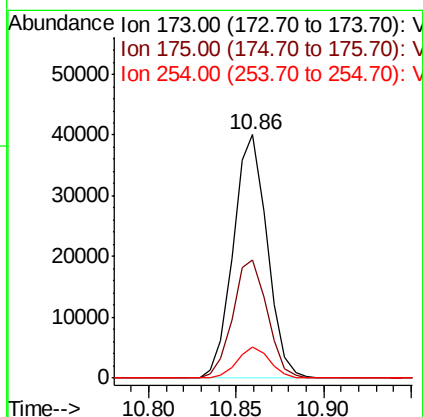
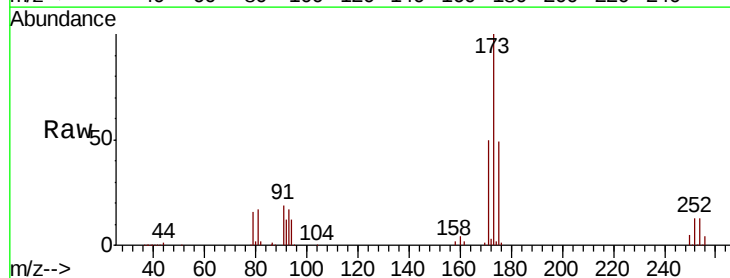
Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

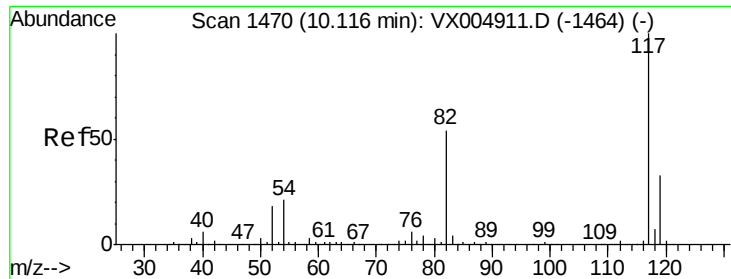
Tot Ion	Ratio	Lower	Upper
63	100		
65	31.9	25.9	38.9
106	26.3	21.8	32.6



#56
Bromoform
Concen: 18.225 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.00 min
Lab File: VX004919.D
Acq: 02 Oct 2018 15:12

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.4	39.7	59.5
254	12.4	9.6	14.4

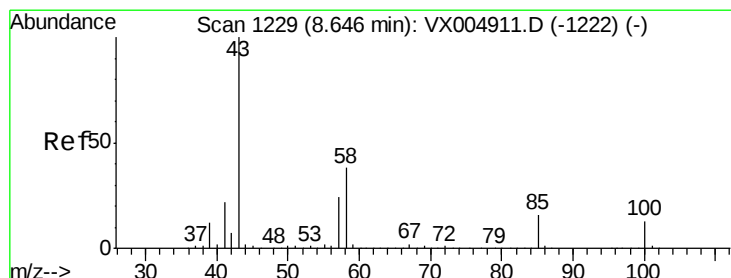
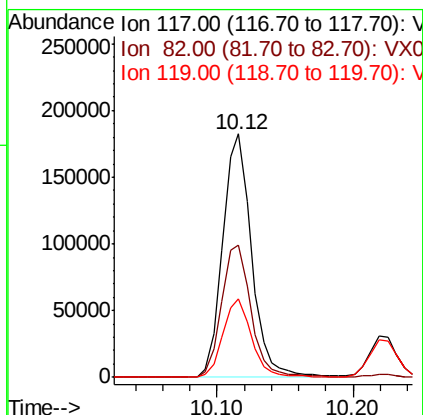
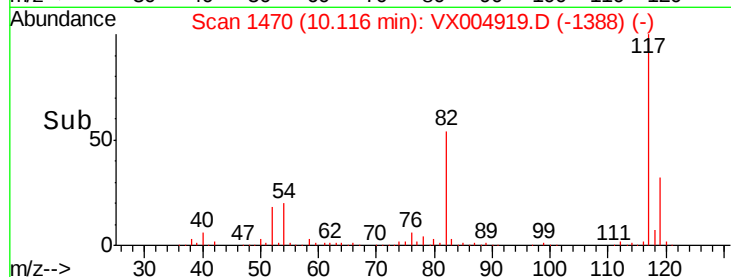
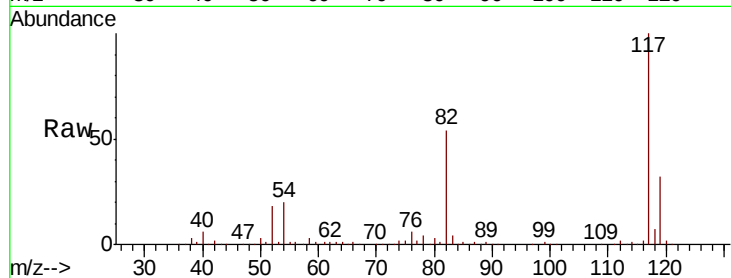




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004919.D
Acq: 02 Oct 2018 15:12

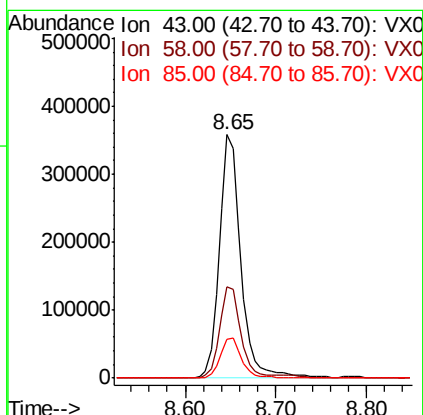
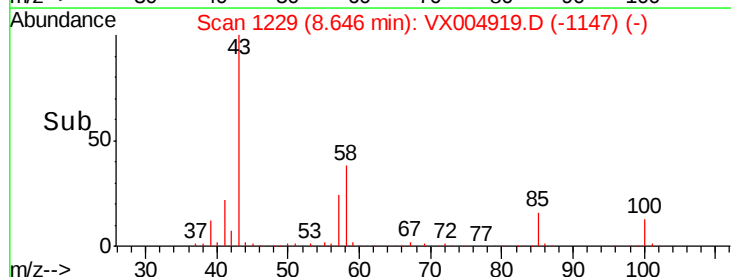
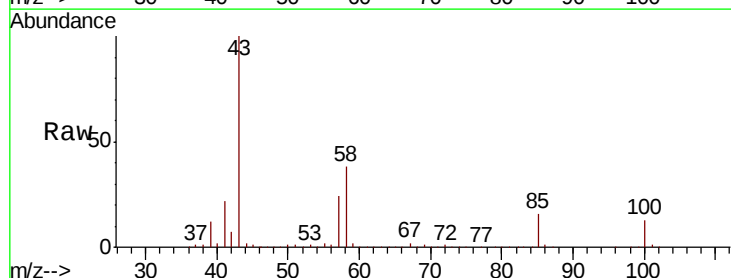
Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

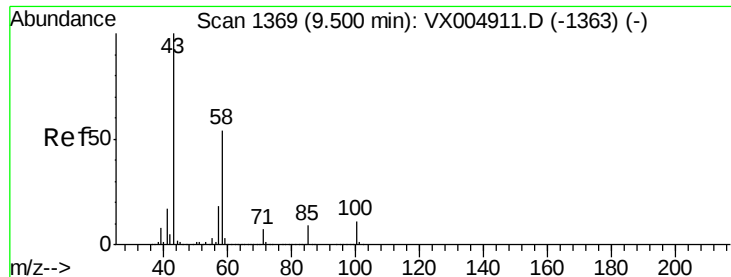
Tot Ion:117 Resp: 269300
Ion Ratio Lower Upper
117 100
82 55.6 44.2 66.4
119 32.2 25.8 38.6



#58
4-Methyl-2-Pentanone
Concen: 97.851 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. 0.00 min
Lab File: VX004919.D
Acq: 02 Oct 2018 15:12

Tgt Ion: 43 Resp: 591662
Ion Ratio Lower Upper
43 100
58 37.2 30.8 46.2
85 16.5 13.1 19.7

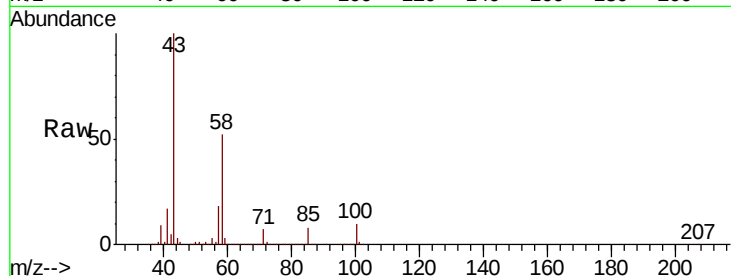




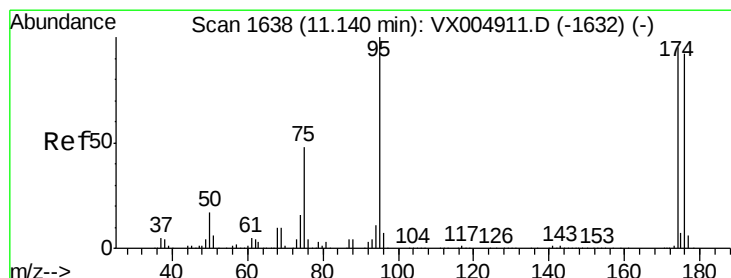
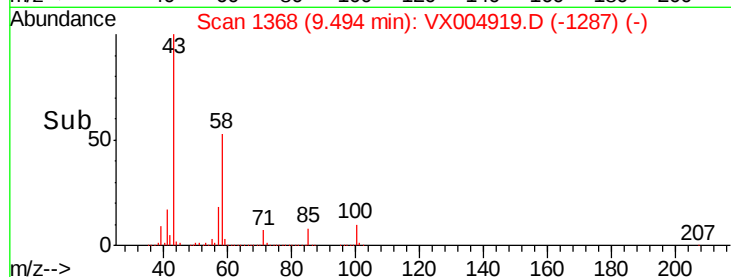
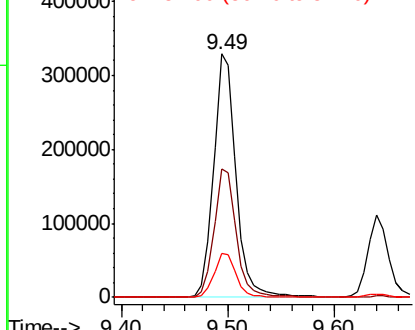
#59
2-Hexanone
Concen: 95.323 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX004919.D
Acq: 02 Oct 2018 15:12

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

Tot Ion: 43 Resp: 474871
Ion Ratio Lower Upper
43 100
58 52.8 42.7 64.1
57 18.2 14.6 22.0

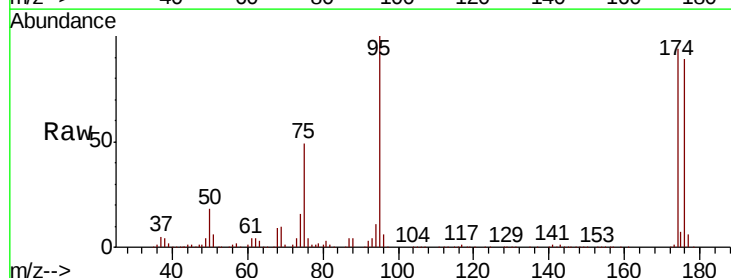


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0
Ion 57.00 (56.70 to 57.70): VX0

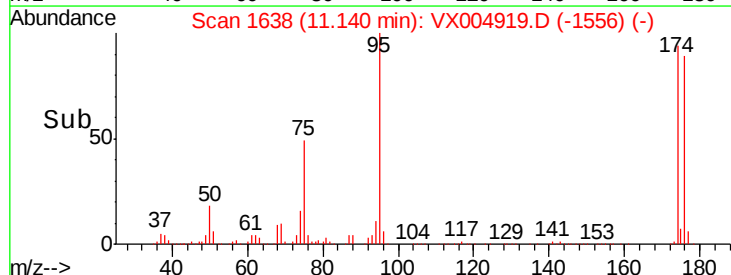
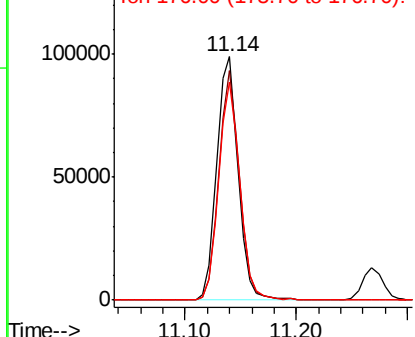


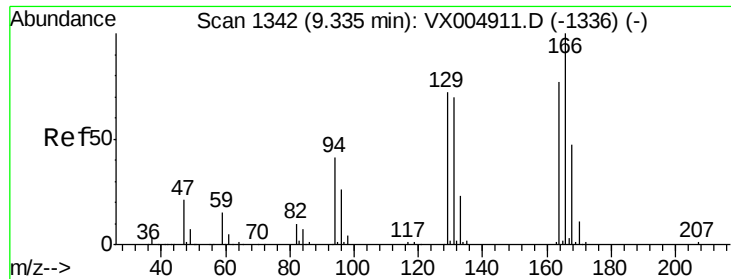
#60
4-Bromofluorobenzene
Concen: 29.421 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX004919.D
Acq: 02 Oct 2018 15:12

Tgt Ion: 95 Resp: 131696
Ion Ratio Lower Upper
95 100
174 91.2 73.1 109.7
176 88.0 71.0 106.6



Abundance Ion 95.00 (94.70 to 95.70): VX0
Ion 174.00 (173.70 to 174.70): V
Ion 176.00 (175.70 to 176.70): V

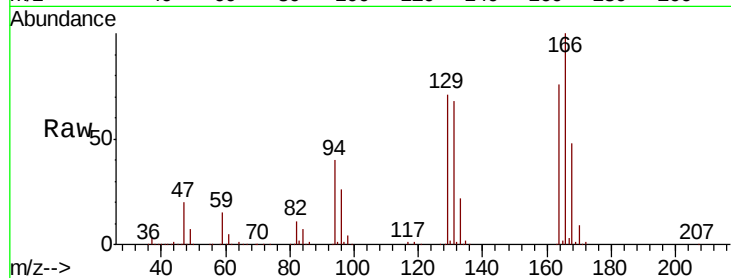




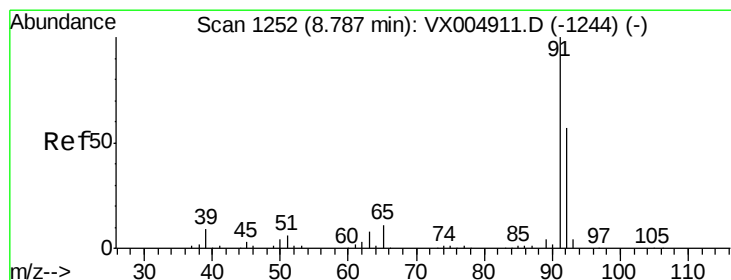
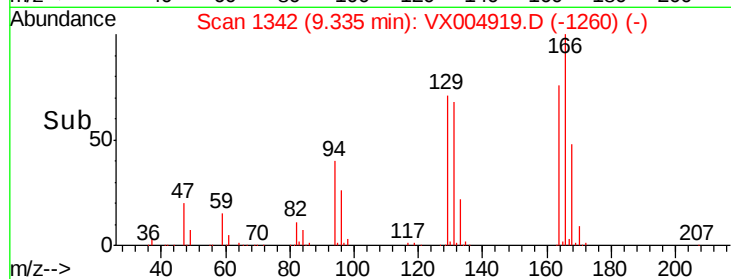
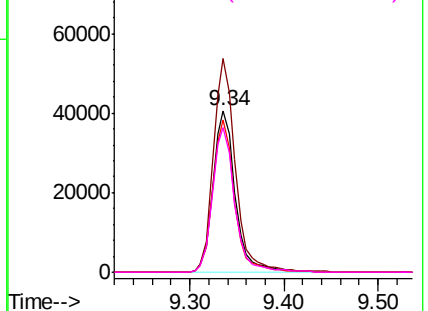
#61
Tetrachloroethene
Concen: 20.332 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX004919.D
Acq: 02 Oct 2018 15:12

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

Tot Ion:164 Resp: 66634
Ion Ratio Lower Upper
164 100
166 132.3 104.0 156.0
129 94.0 75.1 112.7
131 90.0 72.5 108.7

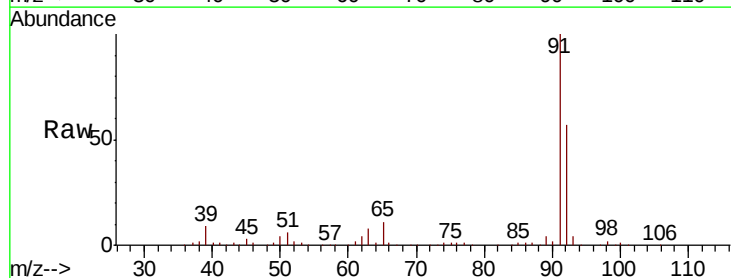


Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.90 (128.60 to 129.60): V
Ion 130.90 (130.60 to 131.60): V

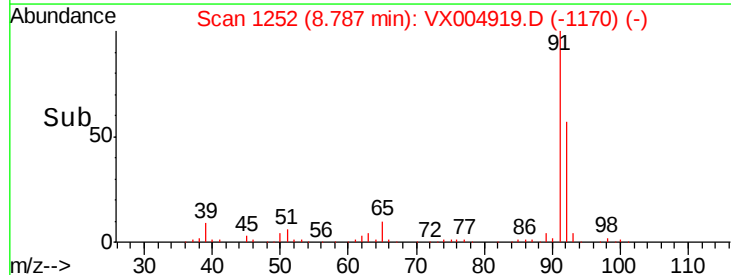
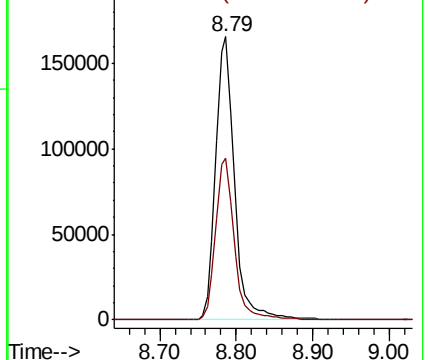


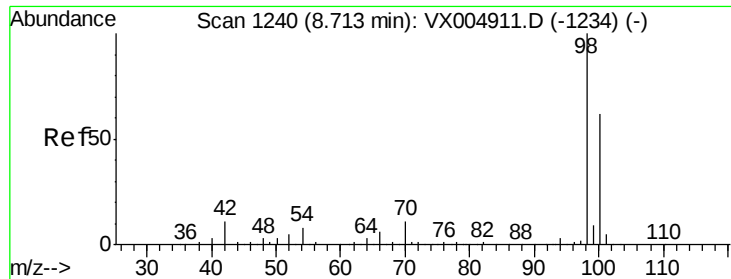
#62
Toluene
Concen: 20.076 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX004919.D
Acq: 02 Oct 2018 15:12

Tgt Ion: 91 Resp: 284141
Ion Ratio Lower Upper
91 100
92 56.6 46.2 69.4



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.440 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX004919.D

Acq: 02 Oct 2018 15:12

Instrument :

MSVOA_X

ClientSampleId :

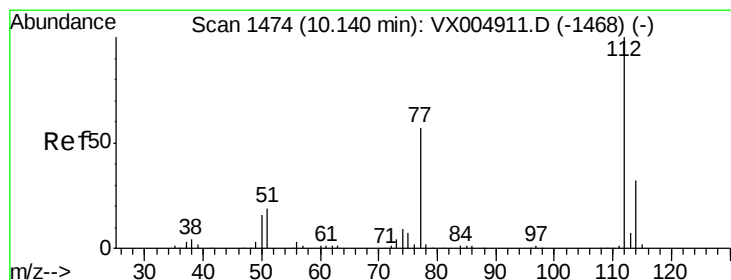
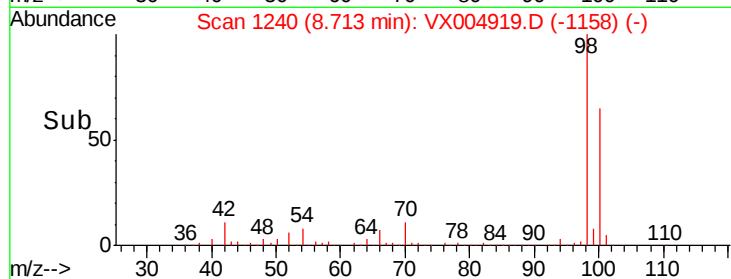
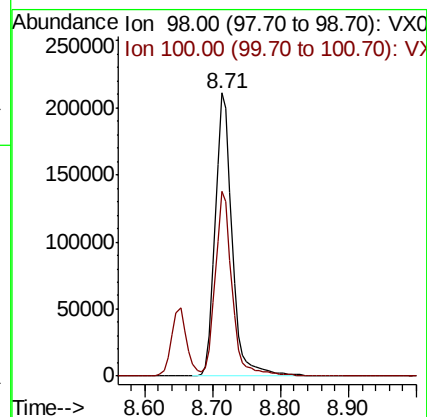
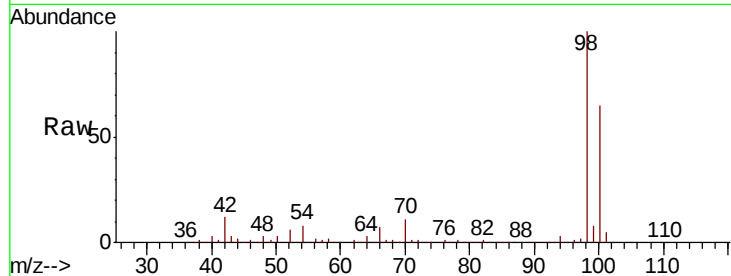
VX1002WBSD01

Tot Ion: 98 Resp: 365913

Ion Ratio Lower Upper

98 100

100 65.0 51.6 77.4



#64

Chlorobenzene

Concen: 19.681 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX004919.D

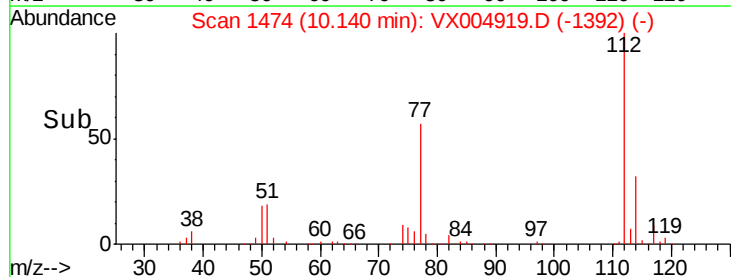
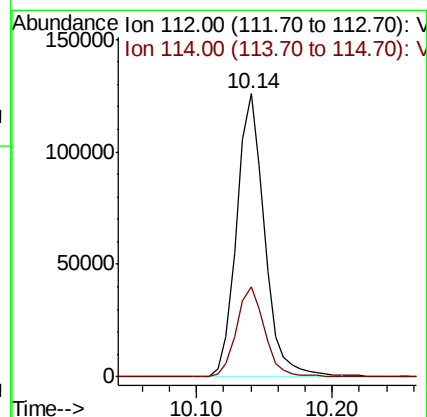
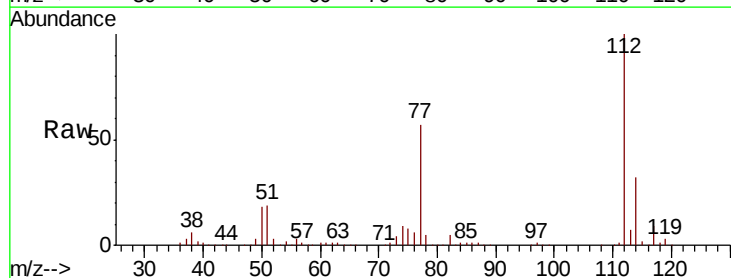
Acq: 02 Oct 2018 15:12

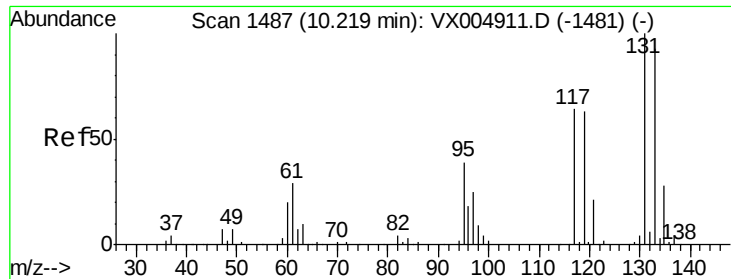
Tgt Ion: 112 Resp: 179884

Ion Ratio Lower Upper

112 100

114 31.8 25.7 38.5





#65

1,1,1,2-Tetrachloroethane

Concen: 19.239 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX004919.D

Acq: 02 Oct 2018 15:12

Instrument :

MSVOA_X

ClientSampleId :

VX1002WBSD01

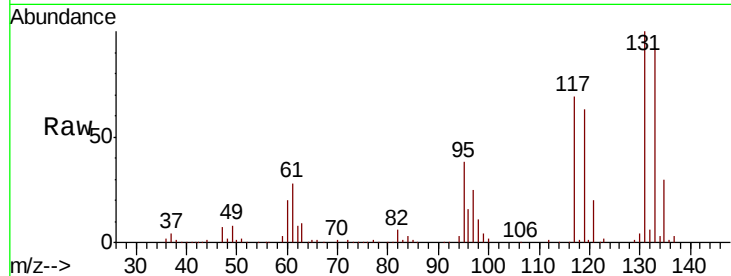
Tot Ion:131 Resp: 63923

Ion Ratio Lower Upper

131 100

133 95.9 0.0 190.4

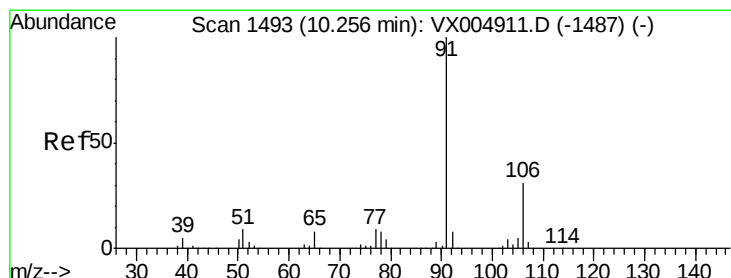
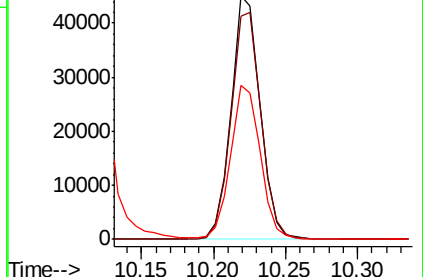
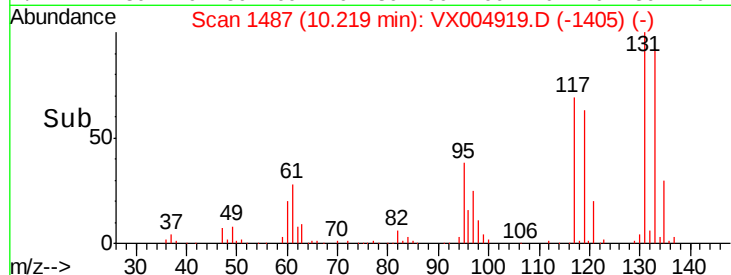
119 64.9 0.0 129.0



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 19.465 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.01 min

Lab File: VX004919.D

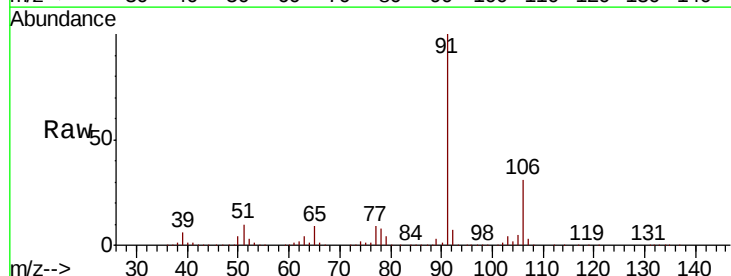
Acq: 02 Oct 2018 15:12

Tgt Ion: 91 Resp: 300760

Ion Ratio Lower Upper

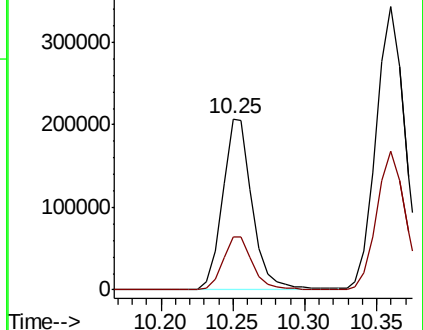
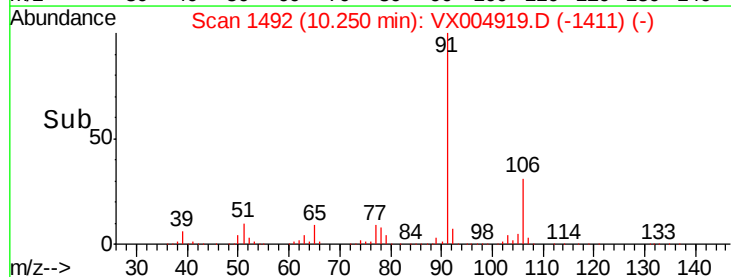
91 100

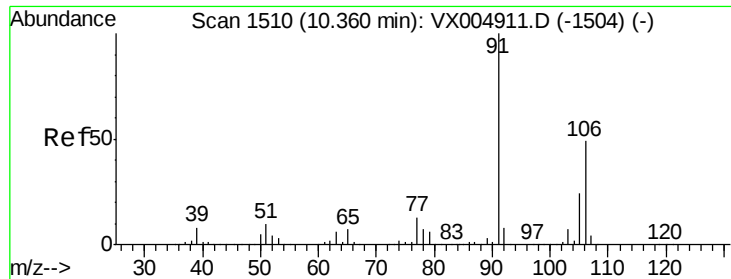
106 31.2 24.5 36.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

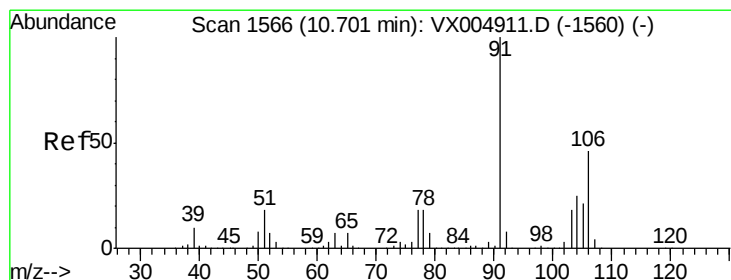
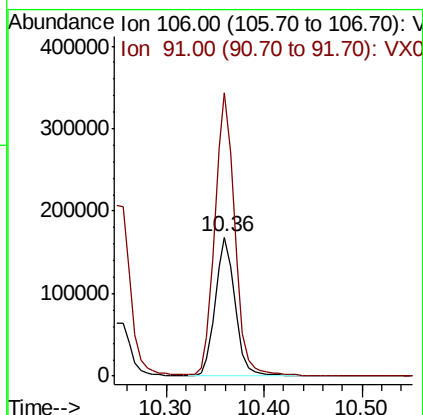
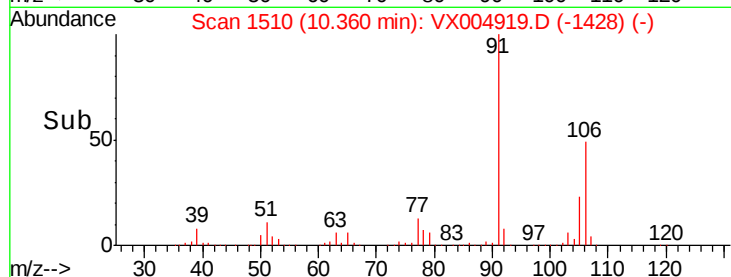
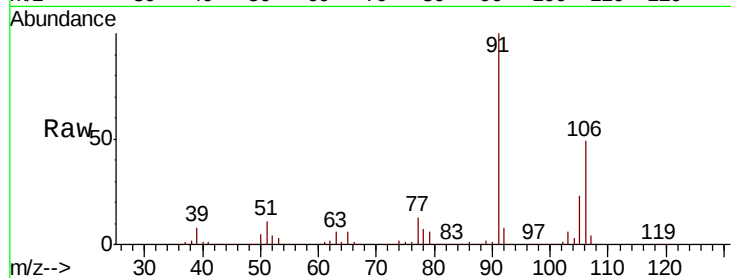




#67
m/p-Xvlenes
Concen: 39.537 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX004919.D
Acq: 02 Oct 2018 15:12

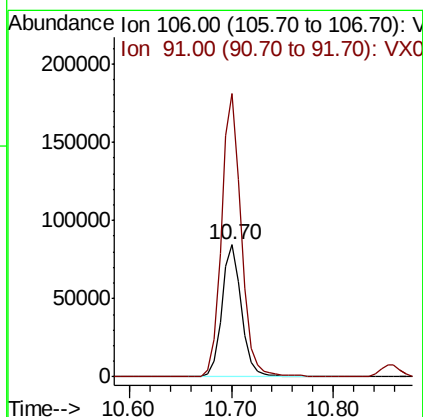
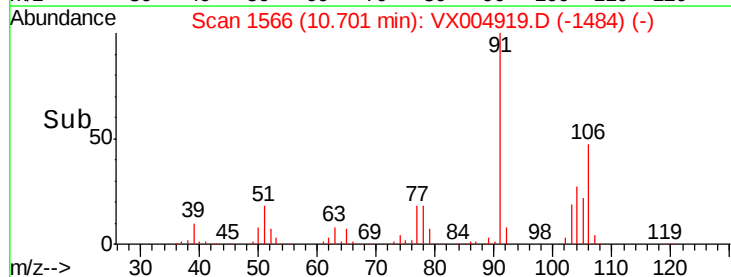
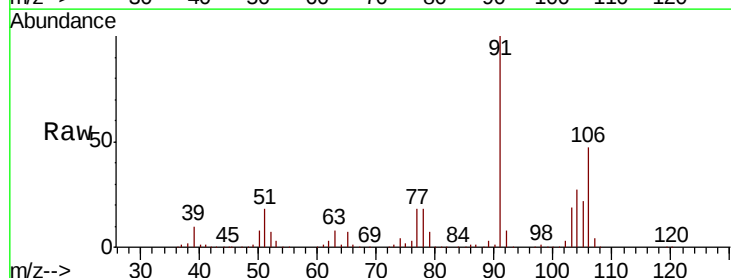
Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

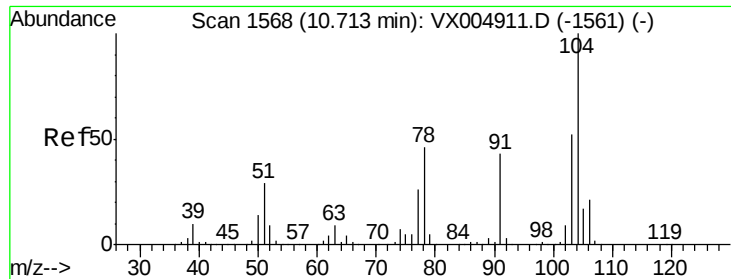
Tot Ion:106 Resp: 237858
Ion Ratio Lower Upper
106 100
91 203.2 165.5 248.3



#68
o-Xylene
Concen: 19.637 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX004919.D
Acq: 02 Oct 2018 15:12

Tgt Ion:106 Resp: 113881
Ion Ratio Lower Upper
106 100
91 214.5 109.1 327.2





#69

Stvrene

Concen: 19.462 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX004919.D

Acq: 02 Oct 2018 15:12

Instrument :

MSVOA_X

ClientSampleId :

VX1002WBSD01

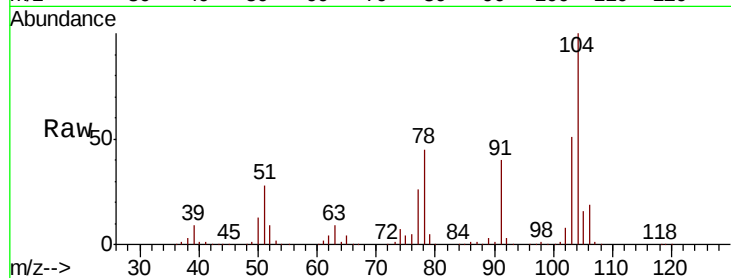
Tot Ion:104 Resp: 189788

Ion Ratio Lower Upper

104 100

78 50.3 40.3 60.5

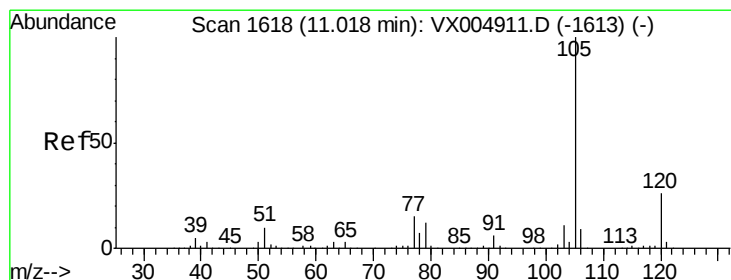
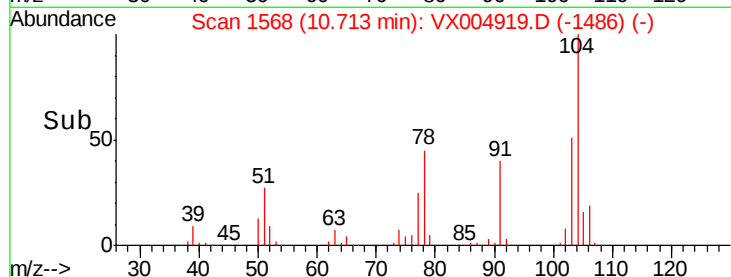
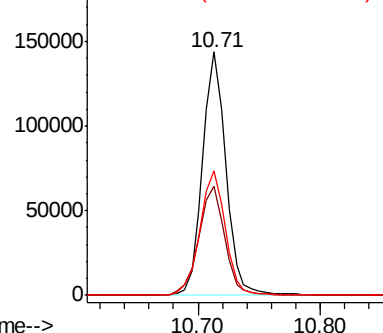
103 55.7 44.6 66.8



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#70

Isopropylbenzene

Concen: 19.867 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX004919.D

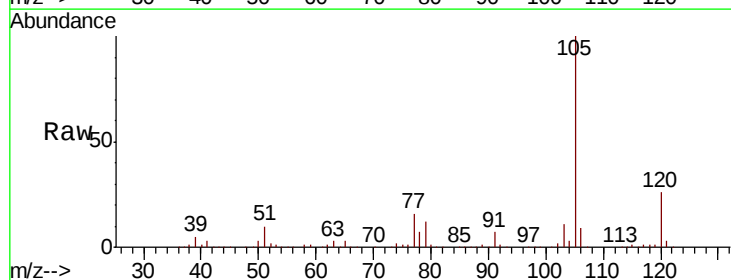
Acq: 02 Oct 2018 15:12

Tgt Ion:105 Resp: 308518

Ion Ratio Lower Upper

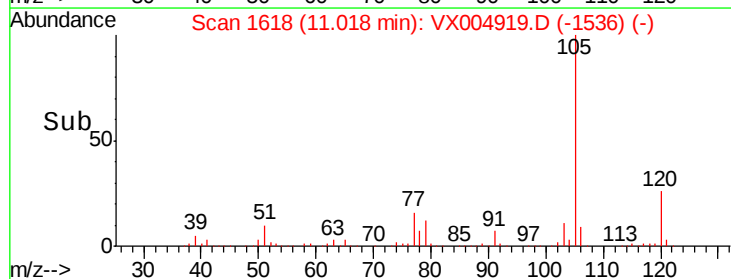
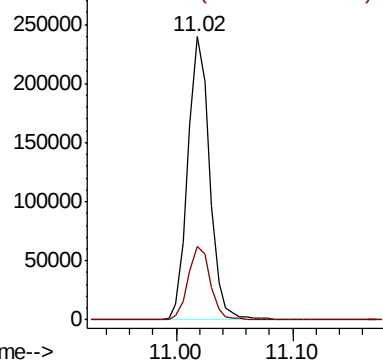
105 100

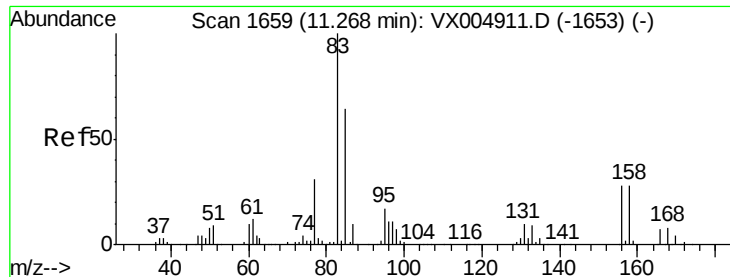
120 26.4 18.3 34.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

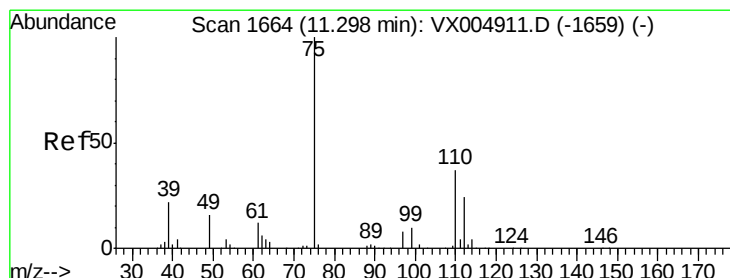
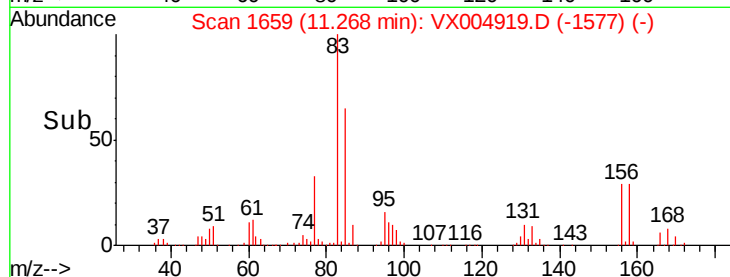
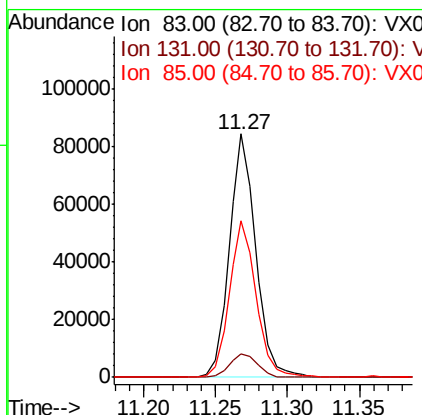
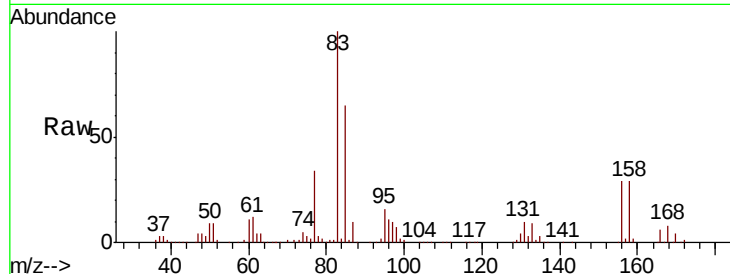




#71
 1,1,2,2-Tetrachloroethane
 Concen: 18.793 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. 0.00 min
 Lab File: VX004919.D
 Acq: 02 Oct 2018 15:12

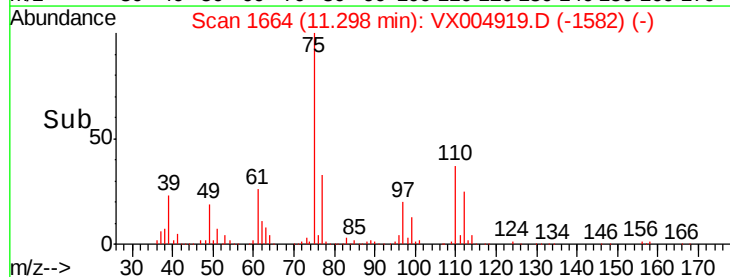
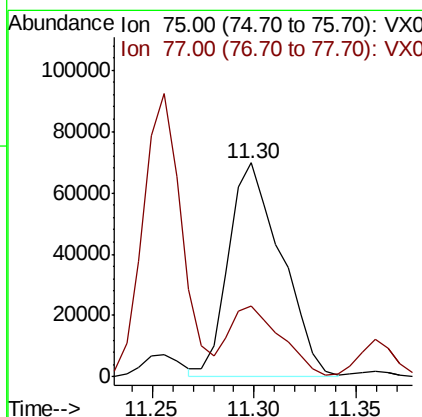
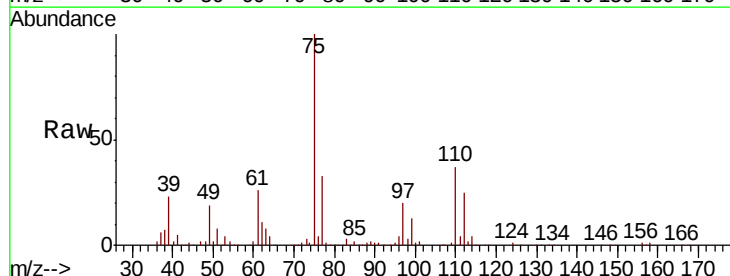
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1002WBSD01

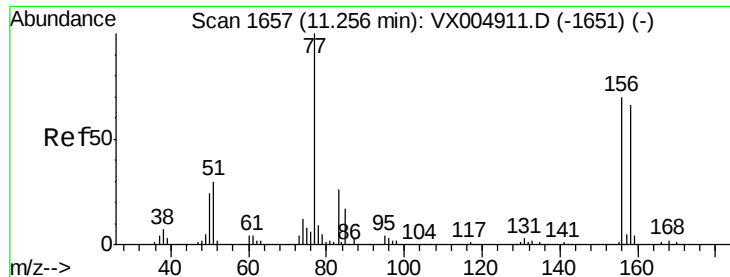
Tot Ion	83	Resp	108392
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.1	15.2
85	65.2	32.2	96.6



#72
 1,2,3-Trichloropropane
 Concen: 23.860 ug/l
 RT: 11.30 min Scan# 1664
 Delta R.T. 0.00 min
 Lab File: VX004919.D
 Acq: 02 Oct 2018 15:12

Tgt Ion	75	Resp	125377
Ion Ratio	Lower	Upper	
75	100		
77	32.6	0.0	81.2





#73

Bromobenzene

Concen: 19.071 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX004919.D

Acq: 02 Oct 2018 15:12

Instrument :

MSVOA_X

ClientSampleId :

VX1002WBSD01

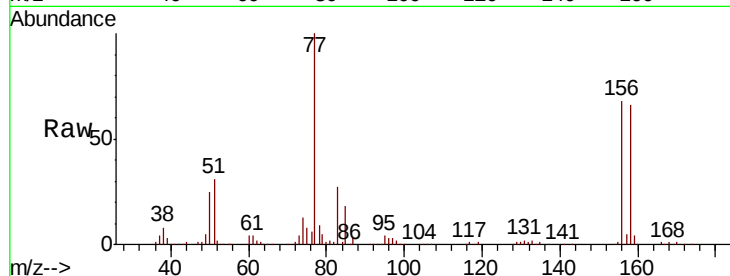
Tot Ion:156 Resp: 81407

Ion Ratio Lower Upper

156 100

77 149.5 0.0 292.4

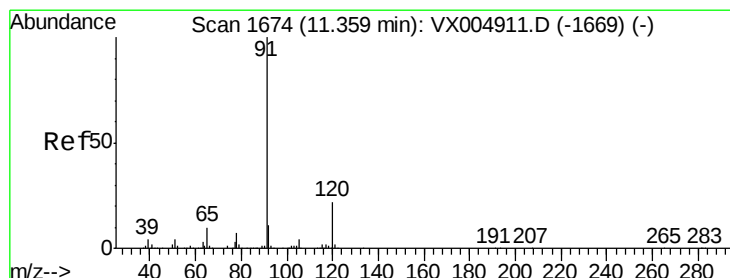
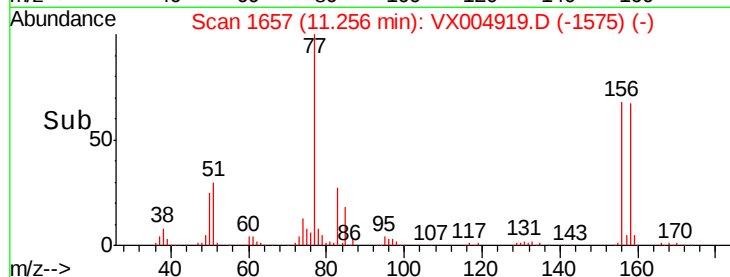
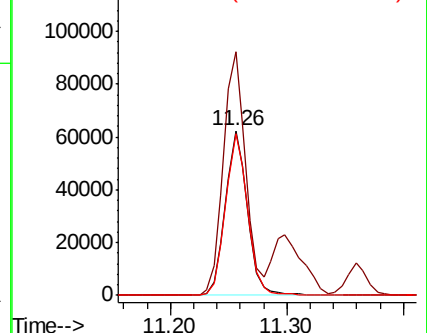
158 98.6 0.0 194.2



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 19.850 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX004919.D

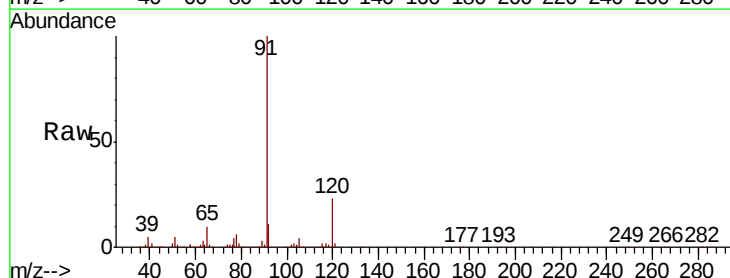
Acq: 02 Oct 2018 15:12

Tgt Ion: 91 Resp: 362695

Ion Ratio Lower Upper

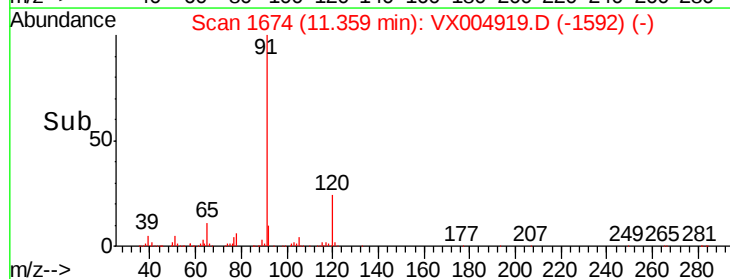
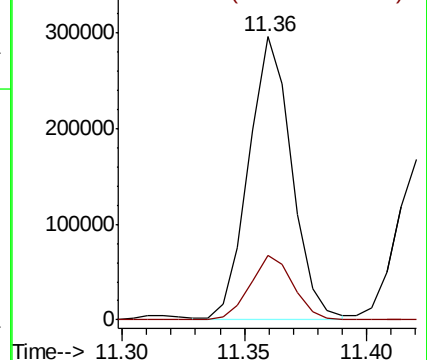
91 100

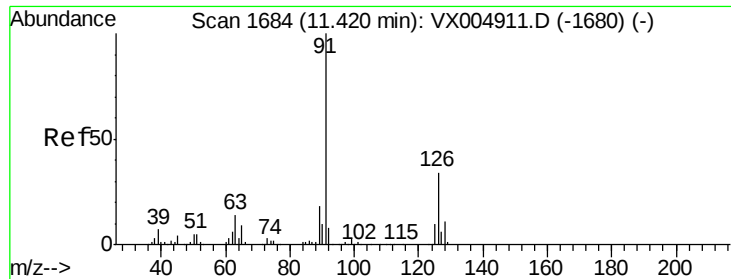
120 23.0 0.0 45.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.723 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX004919.D

Acq: 02 Oct 2018 15:12

Instrument :

MSVOA_X

ClientSampleId :

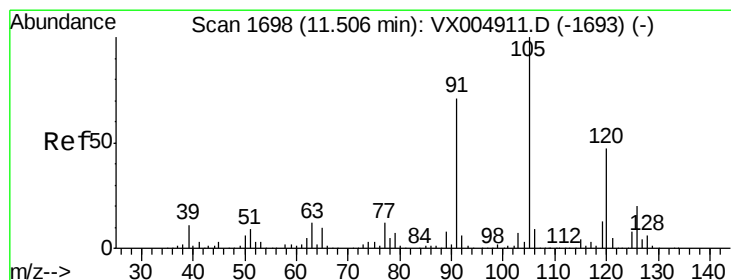
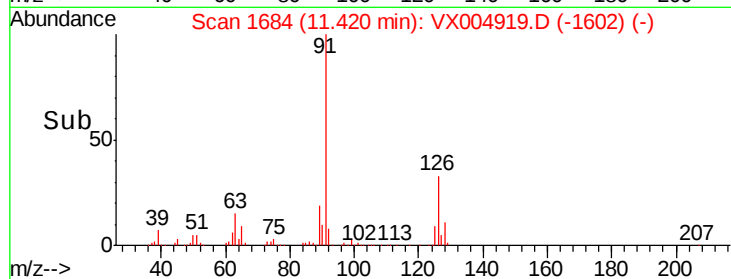
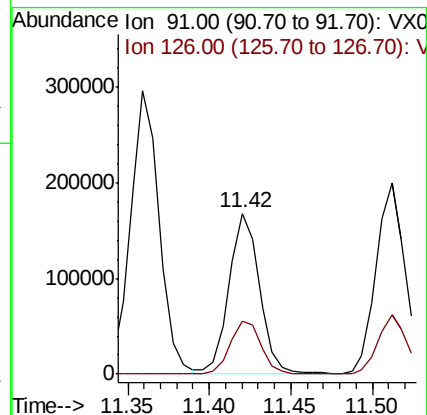
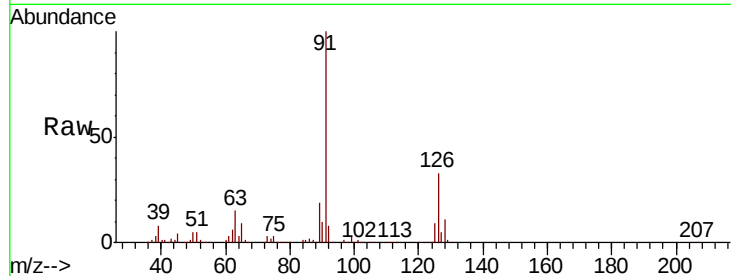
VX1002WBSD01

Tot Ion: 91 Resp: 219786

Ion Ratio Lower Upper

91 100

126 33.4 0.0 68.2



#76

1,3,5-Trimethylbenzene

Concen: 19.772 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX004919.D

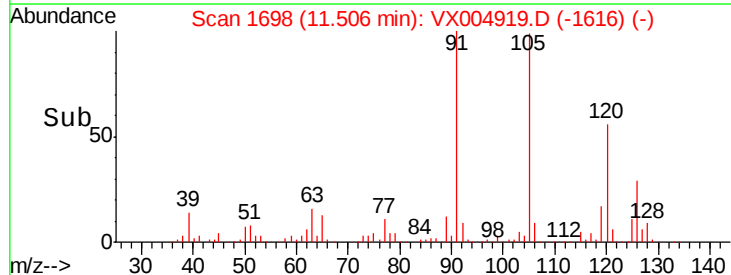
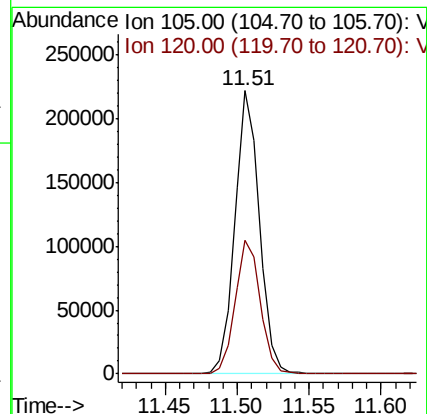
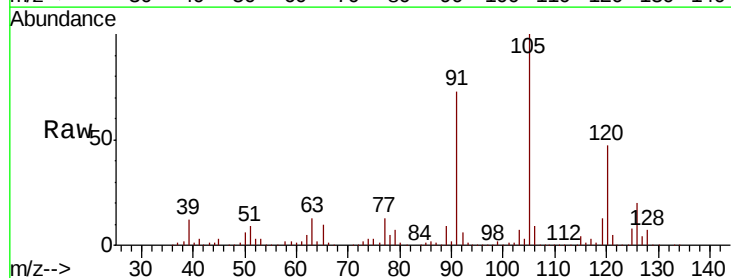
Acq: 02 Oct 2018 15:12

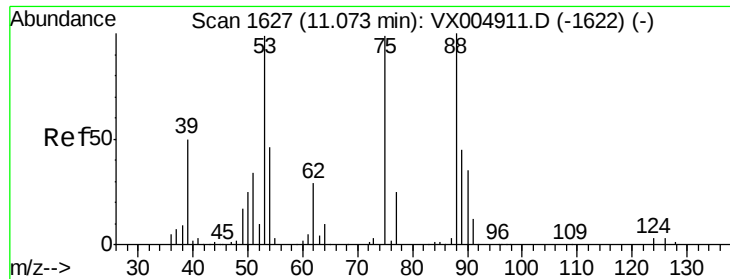
Tgt Ion: 105 Resp: 264914

Ion Ratio Lower Upper

105 100

120 48.4 0.0 96.8





#77

t-1,4-Dichloro-2-butene

Concen: 17.383 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX004919.D

Acq: 02 Oct 2018 15:12

Instrument :

MSVOA_X

ClientSampleId :

VX1002WBSD01

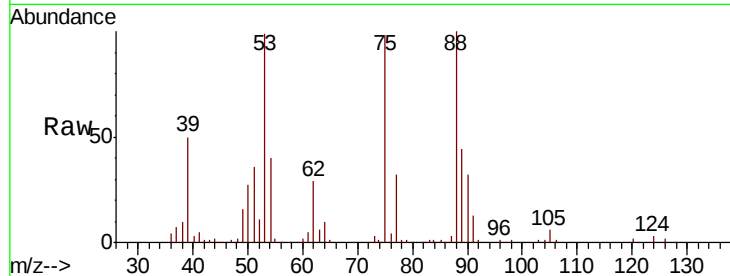
Tot Ion: 75 Resp: 30032

Ion Ratio Lower Upper

75 100

53 102.0 50.3 150.9

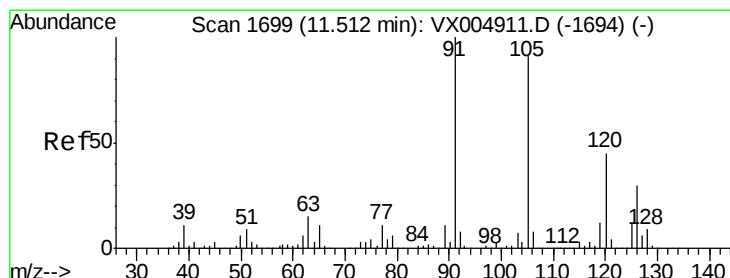
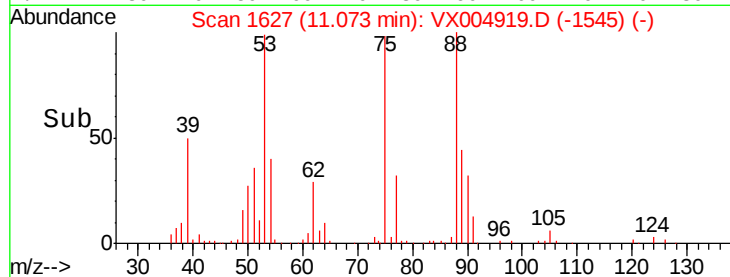
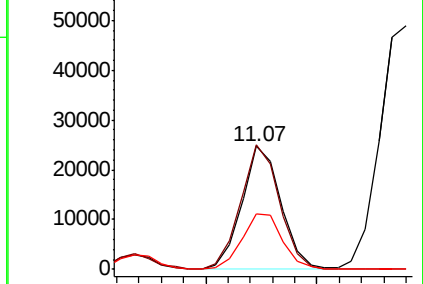
89 45.1 22.6 67.8



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 19.549 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX004919.D

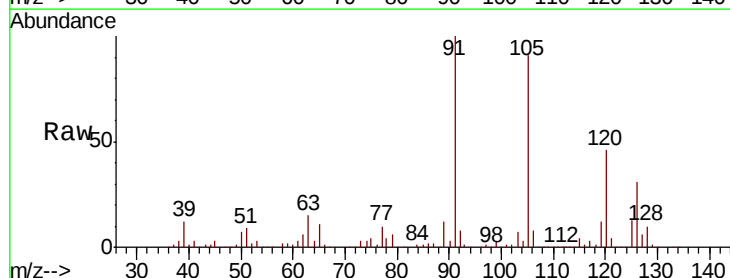
Acq: 02 Oct 2018 15:12

Tgt Ion: 91 Resp: 253202

Ion Ratio Lower Upper

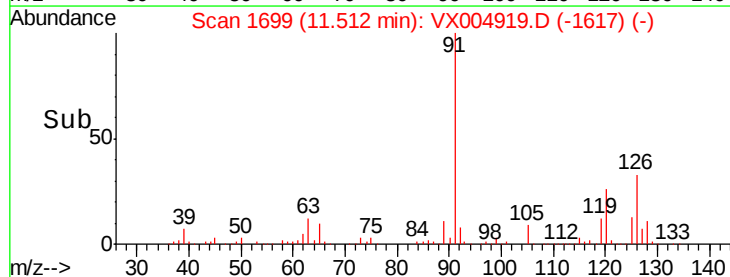
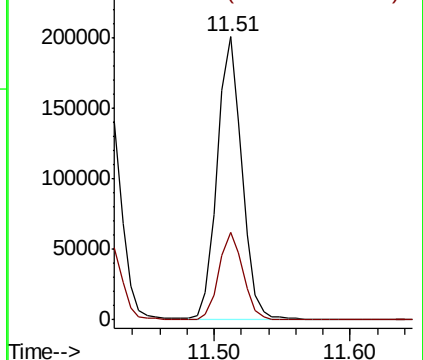
91 100

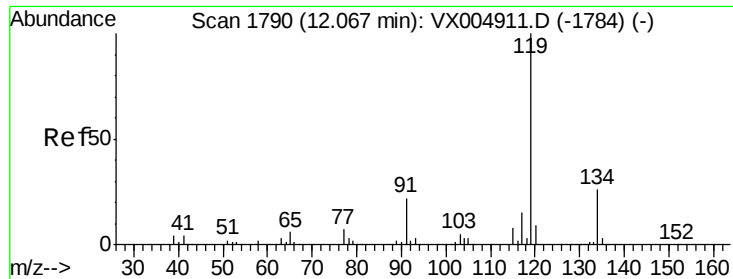
126 30.5 0.0 61.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V

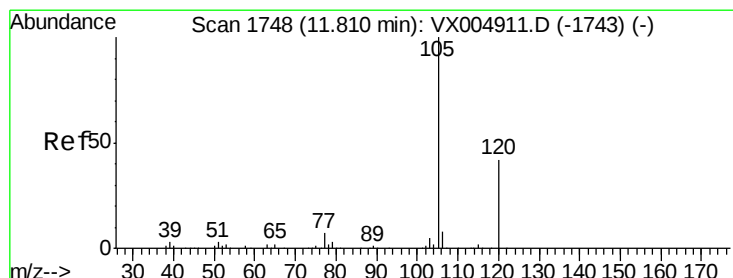
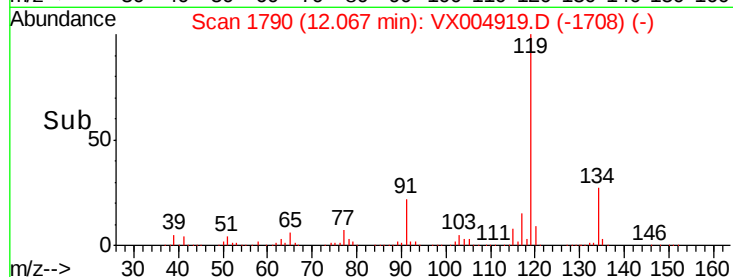
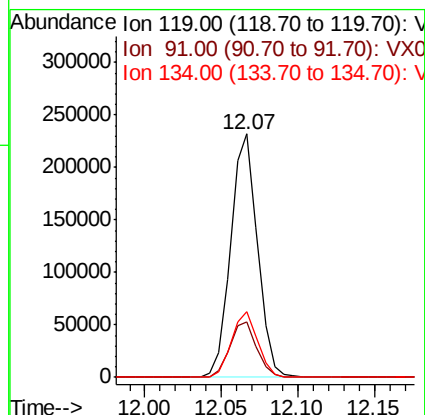
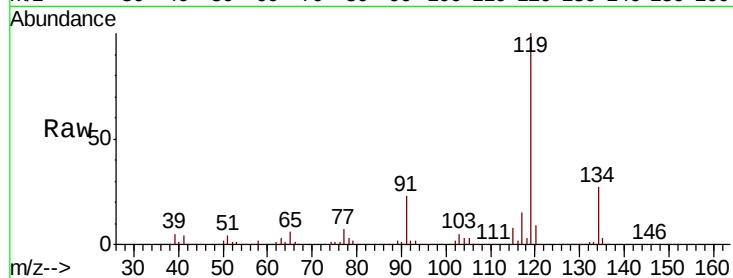




#79
tert-butylbenzene
Concen: 19.718 ug/l
RT: 12.07 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX004919.D
Acq: 02 Oct 2018 15:12

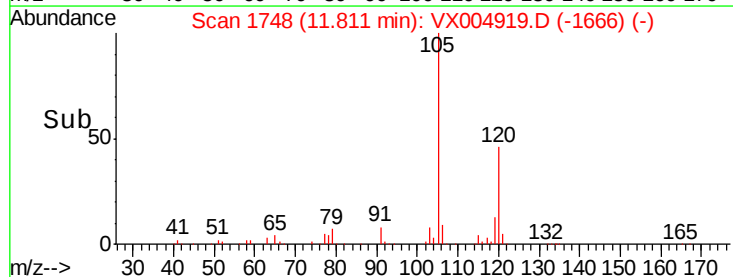
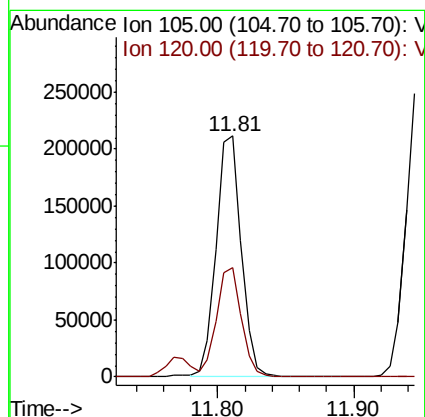
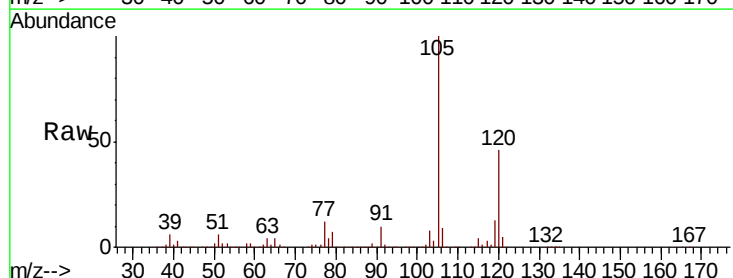
Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

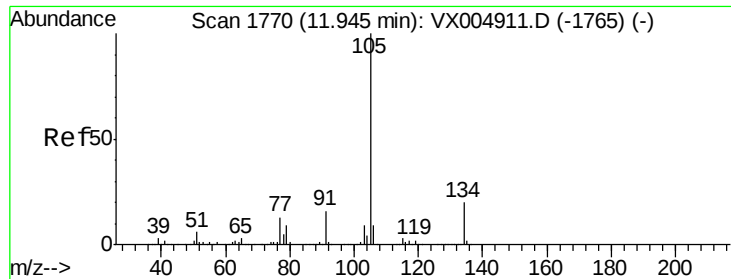
Tot Ion:119 Resp: 280385
Ion Ratio Lower Upper
119 100
91 23.1 0.0 45.8
134 26.5 0.0 52.8



#80
1,2,4-Trimethylbenzene
Concen: 19.827 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. 0.00 min
Lab File: VX004919.D
Acq: 02 Oct 2018 15:12

Tgt Ion:105 Resp: 270915
Ion Ratio Lower Upper
105 100
120 44.6 0.0 90.6

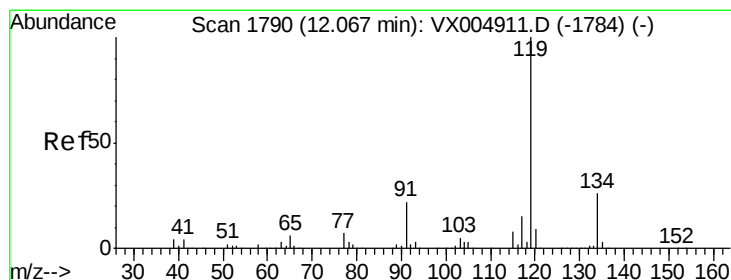
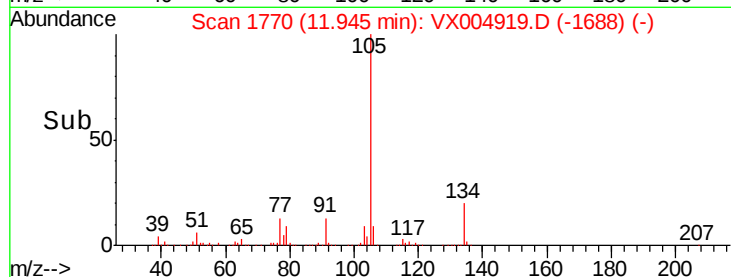
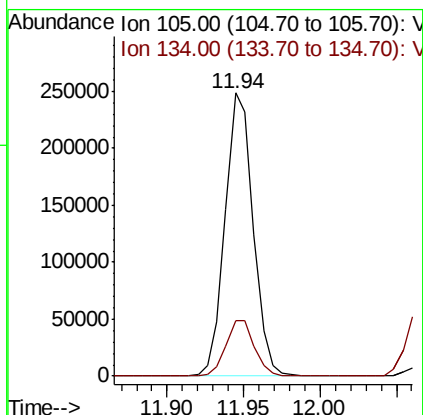
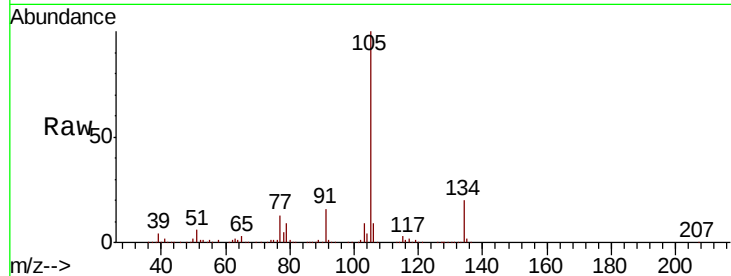




#81
 sec-Butylbenzene
 Concen: 19.974 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX004919.D
 Acq: 02 Oct 2018 15:12

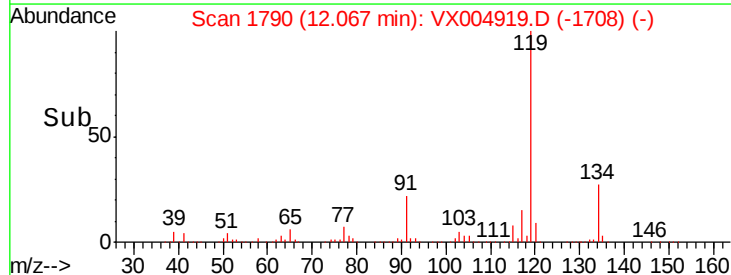
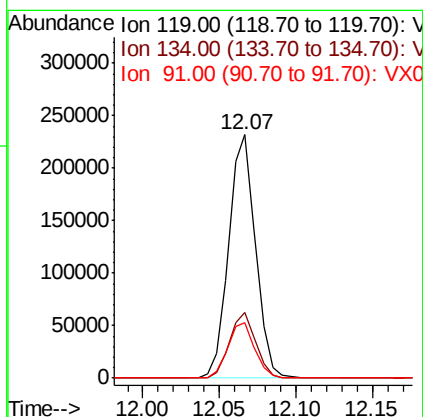
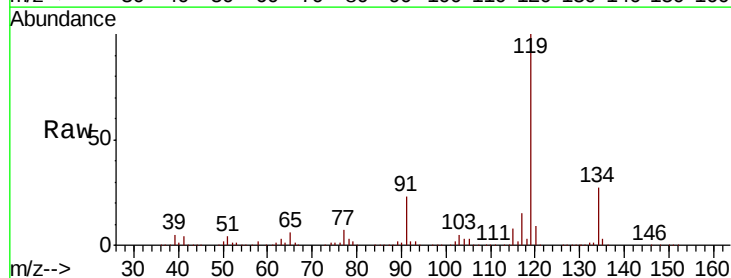
Instrument :
 MSVOA_X
 ClientSampleID :
 VX1002WBSD01

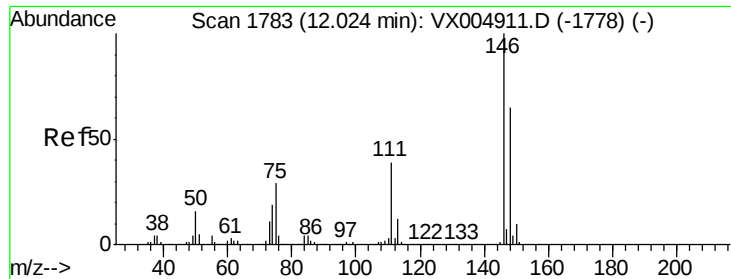
Tot Ion:105 Resp: 315905
 Ion Ratio Lower Upper
 105 100
 134 20.2 0.0 40.4



#82
 p-Isopropyltoluene
 Concen: 19.718 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX004919.D
 Acq: 02 Oct 2018 15:12

Tgt Ion:119 Resp: 280385
 Ion Ratio Lower Upper
 119 100
 134 26.5 0.0 52.8
 91 23.1 0.0 45.8

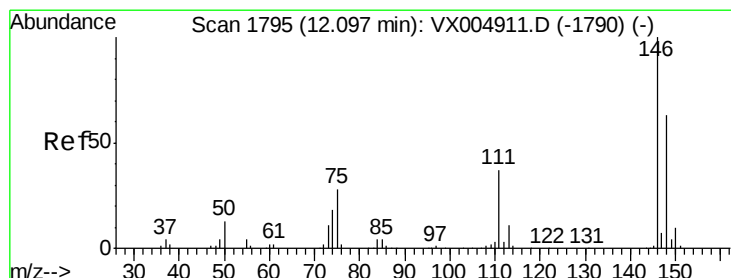
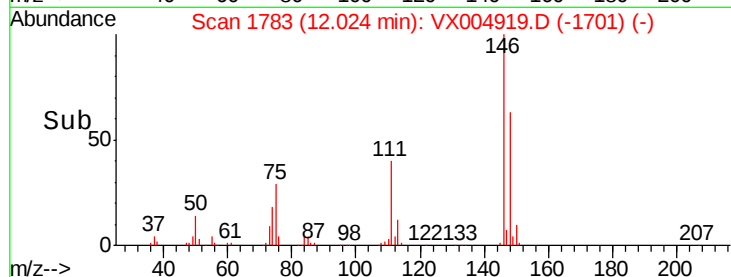
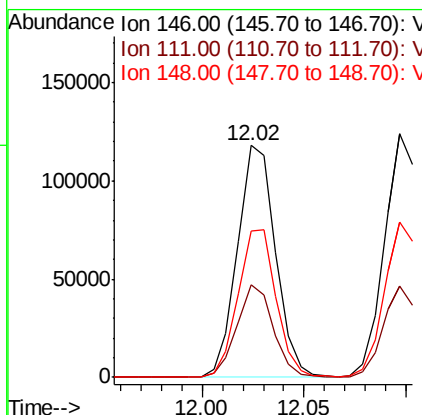
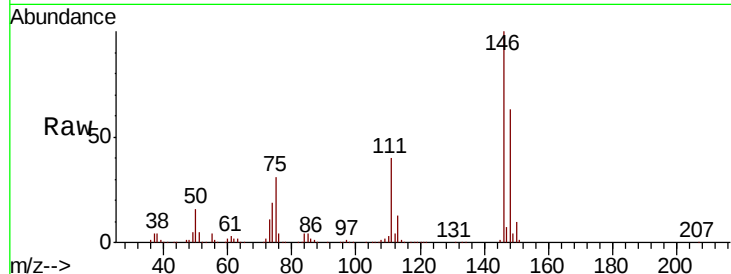




#83
 1,3-Dichlorobenzene
 Concen: 19.378 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX004919.D
 Acq: 02 Oct 2018 15:12

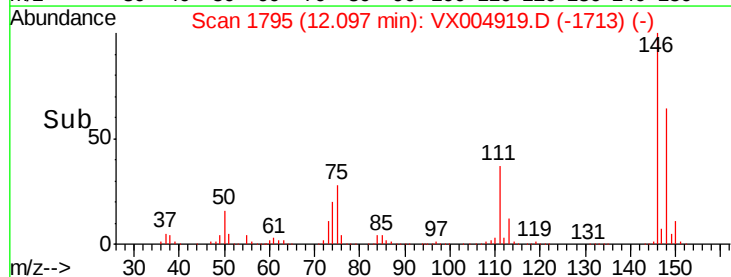
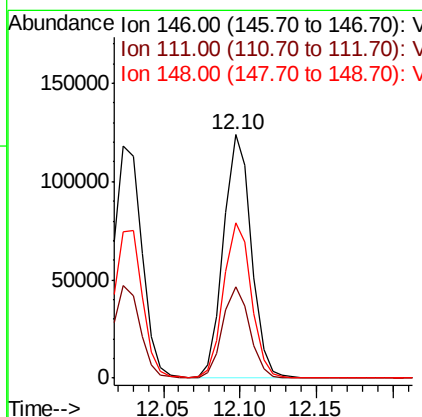
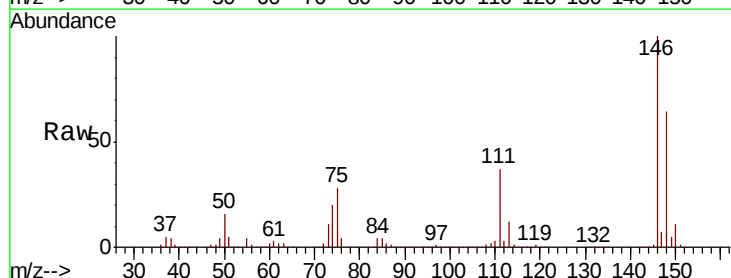
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1002WBSD01

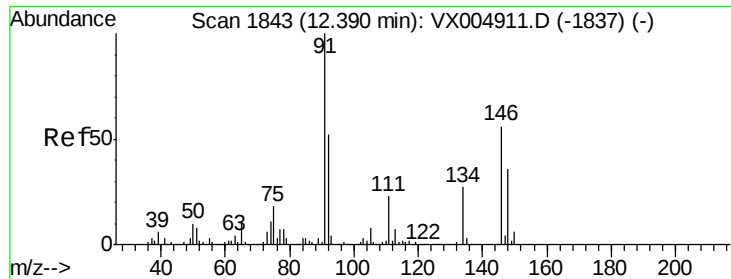
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.3	57.8
148	64.1	32.4	97.2



#84
 1,4-Dichlorobenzene
 Concen: 19.481 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX004919.D
 Acq: 02 Oct 2018 15:12

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.5	18.1	54.4
148	64.1	31.9	95.7

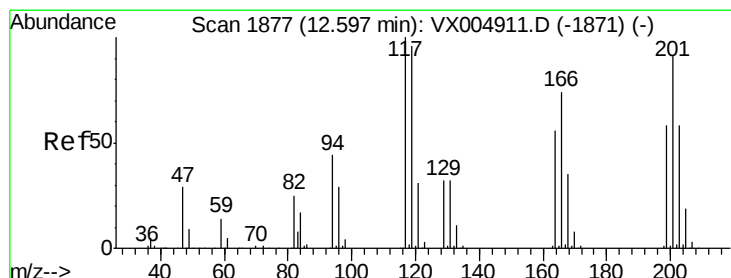
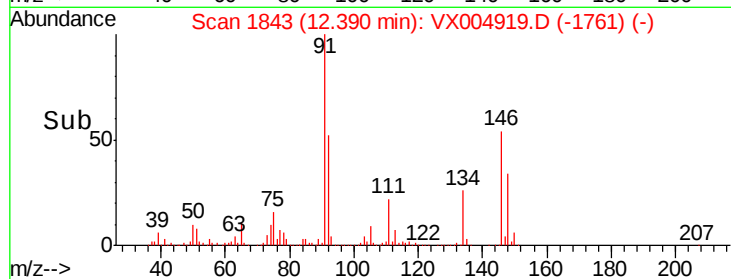
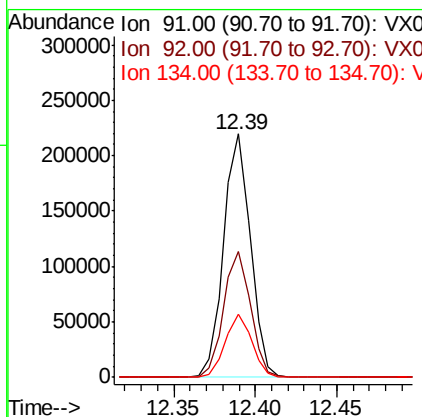
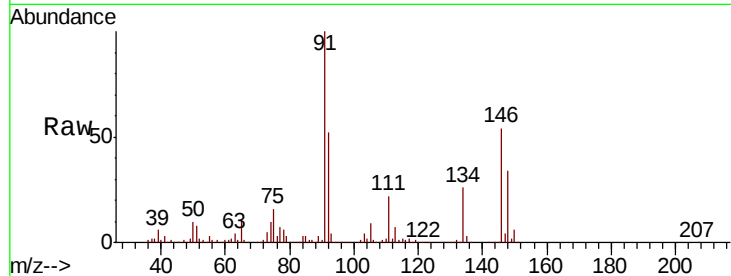




#85
n-Butylbenzene
Concen: 19.448 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX004919.D
Acq: 02 Oct 2018 15:12

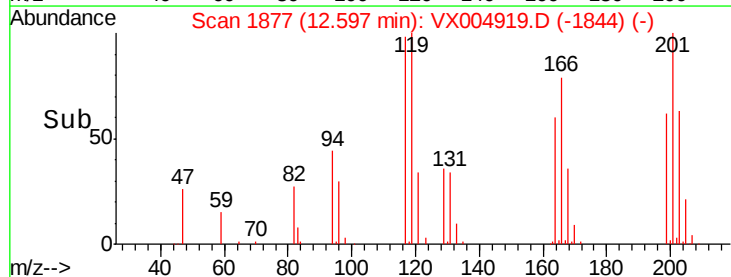
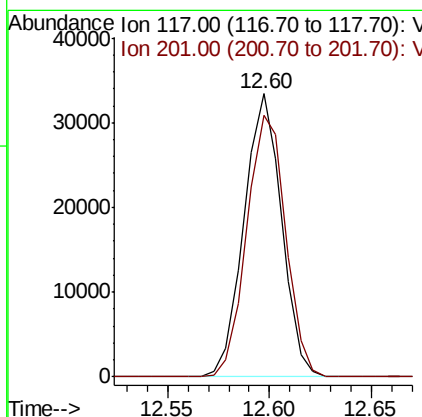
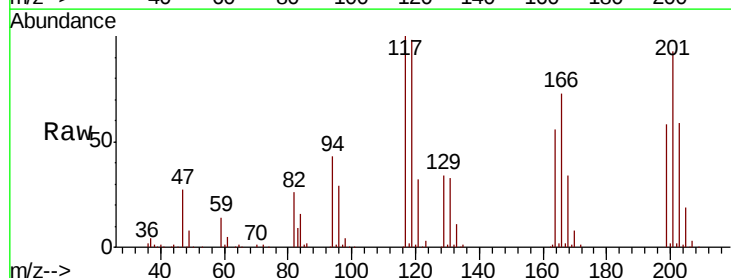
Instrument :
MSVOA_X
ClientSampleId :
VX1002WBSD01

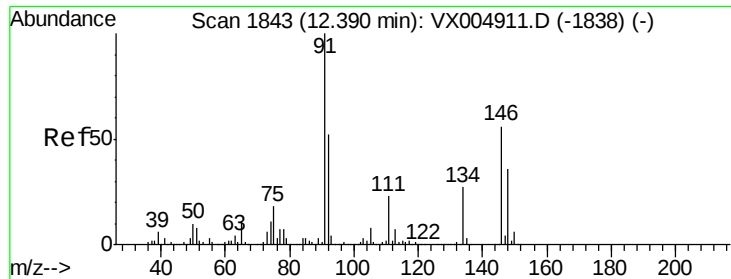
Tot Ion: 91 Resp: 251171
Ion Ratio Lower Upper
91 100
92 52.0 0.0 103.6
134 25.9 0.0 52.2



#86
Hexachloroethane
Concen: 18.272 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX004919.D
Acq: 02 Oct 2018 15:12

Tgt Ion: 117 Resp: 42798
Ion Ratio Lower Upper
117 100
201 95.9 47.1 141.4





#87

1,2-Dichlorobenzene

Concen: 19.155 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX004919.D

Acq: 02 Oct 2018 15:12

Instrument :

MSVOA_X

ClientSampleId :

VX1002WBSD01

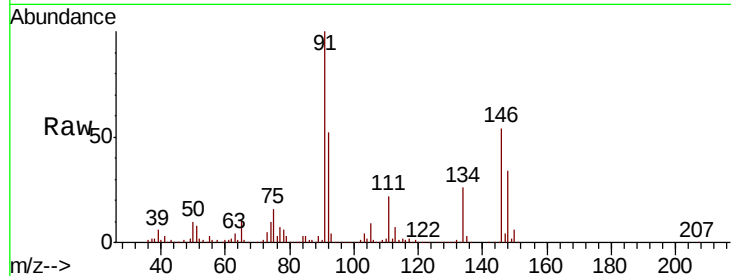
Tot Ion:146 Resp: 153698

Ion Ratio Lower Upper

146 100

111 39.1 19.6 58.7

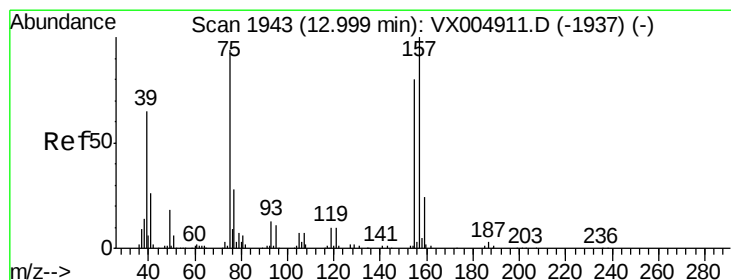
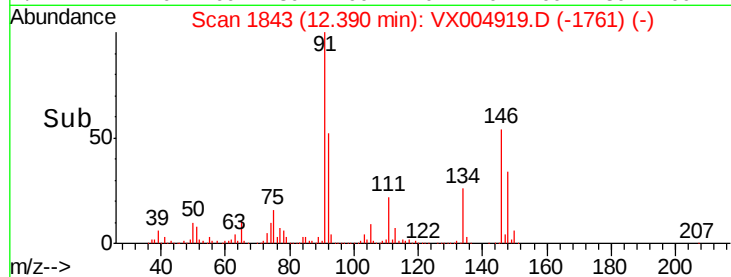
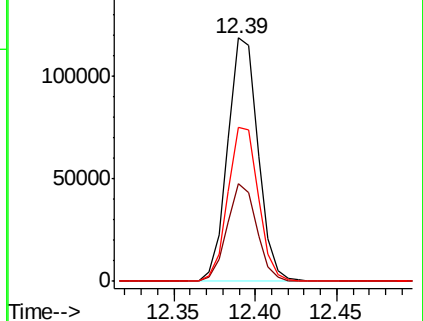
148 63.5 31.9 95.9



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#88

1,2-Dibromo-3-Chloropropane

Concen: 18.793 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX004919.D

Acq: 02 Oct 2018 15:12

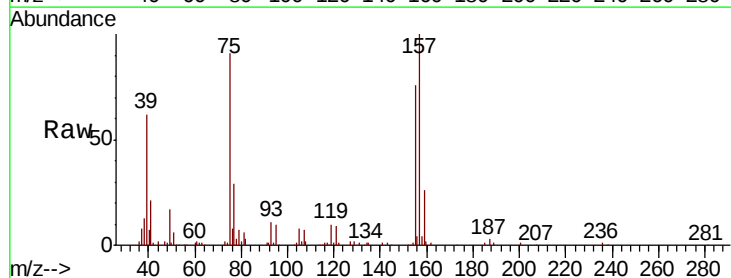
Tgt Ion: 75 Resp: 25048

Ion Ratio Lower Upper

75 100

155 90.2 71.6 107.4

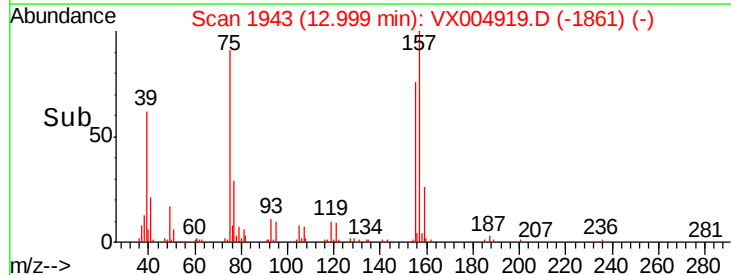
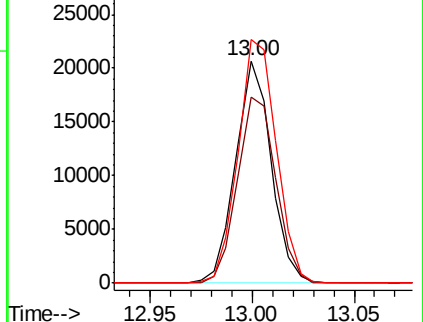
157 117.9 91.3 136.9

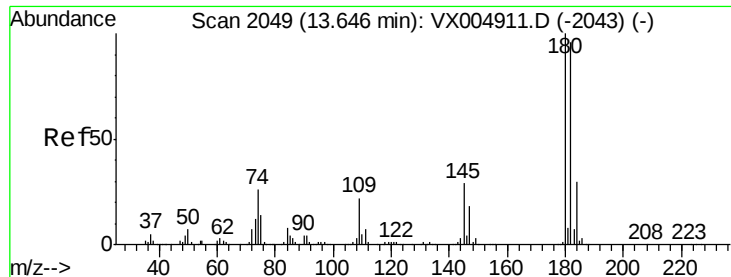


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

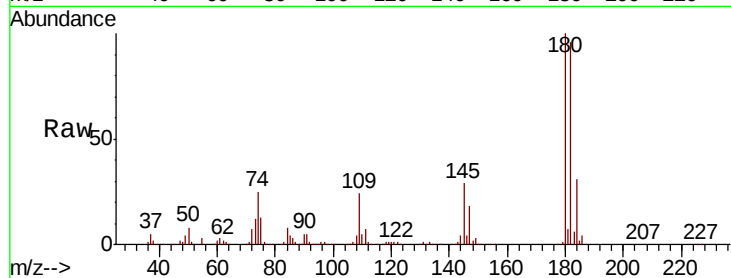




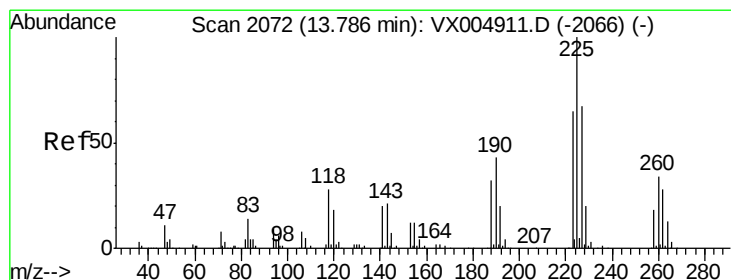
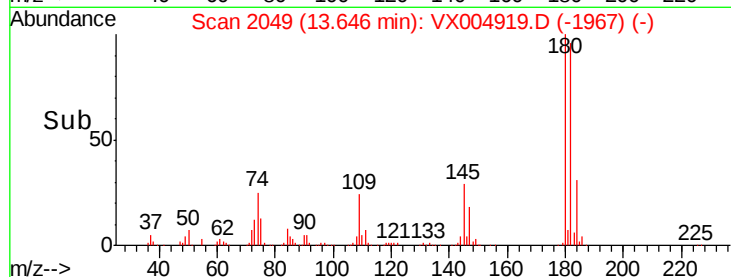
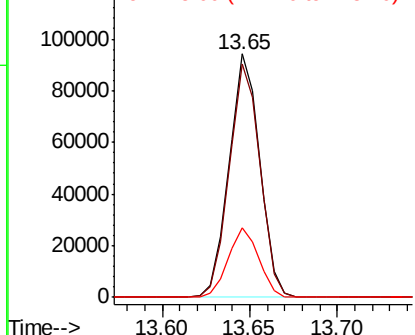
#89
 1,2,4-Trichlorobenzene
 Concen: 19.222 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX004919.D
 Acq: 02 Oct 2018 15:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1002WBSD01

Tot Ion:180 Resp: 115058
 Ion Ratio Lower Upper
 180 100
 182 96.1 76.8 115.2
 145 28.5 22.6 33.8

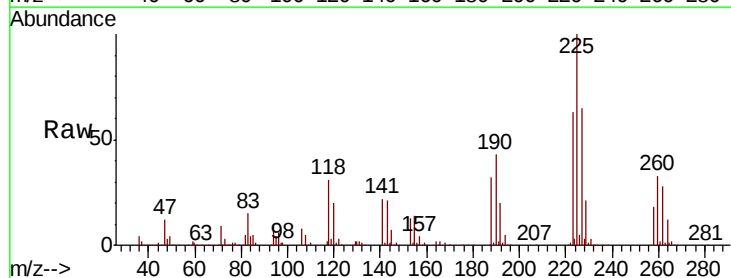


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

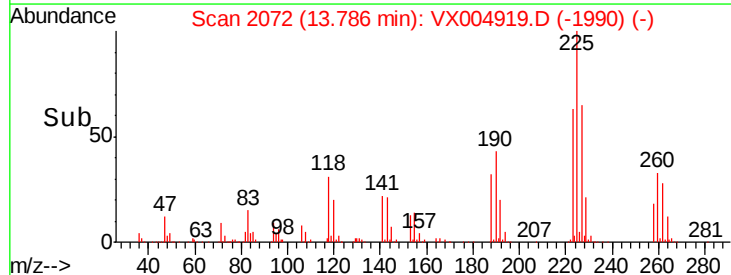
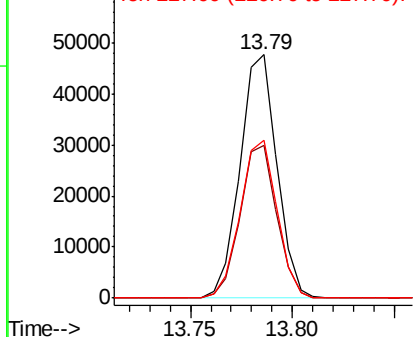


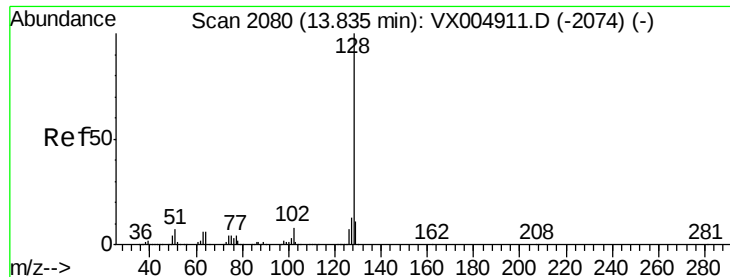
#90
 Hexachlorobutadiene
 Concen: 20.291 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VX004919.D
 Acq: 02 Oct 2018 15:12

Tgt Ion:225 Resp: 59961
 Ion Ratio Lower Upper
 225 100
 223 62.5 0.0 126.6
 227 64.8 0.0 129.6



Abundance Ion 225.00 (224.70 to 225.70): V
 Ion 223.00 (222.70 to 223.70): V
 Ion 227.00 (226.70 to 227.70): V





#91

Naphthalene

Concen: 19.004 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX004919.D

Acq: 02 Oct 2018 15:12

Instrument :

MSVOA_X

ClientSampleId :

VX1002WBSD01

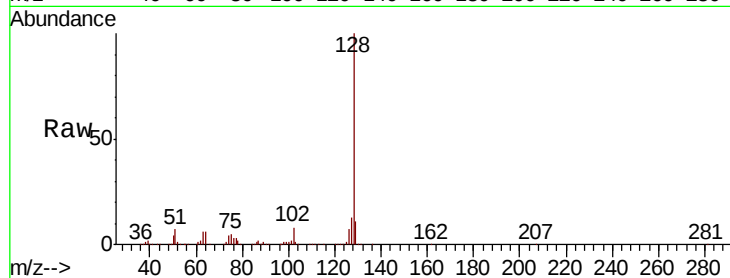
Tot Ion:128 Resp: 353709

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

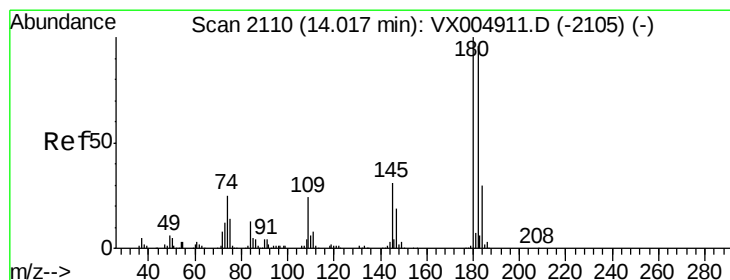
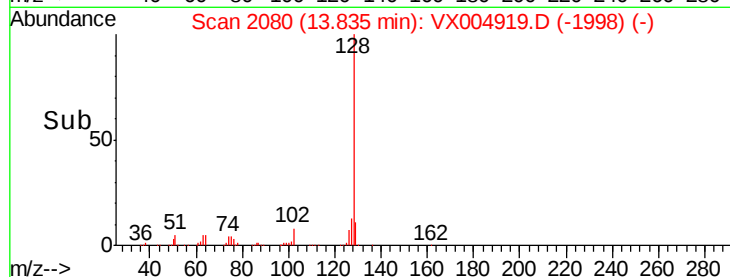
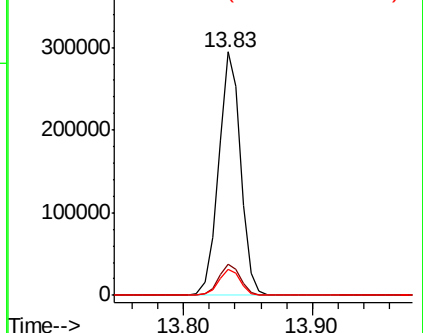
129 10.8 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 18.975 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. 0.01 min

Lab File: VX004919.D

Acq: 02 Oct 2018 15:12

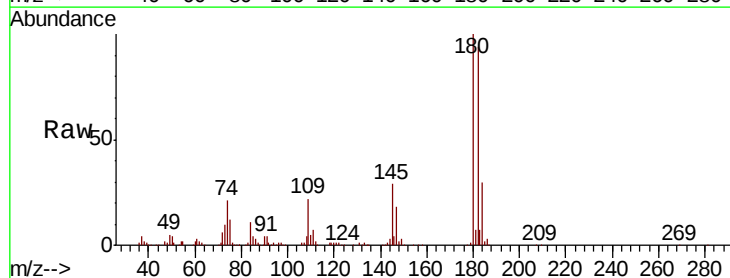
Tgt Ion:180 Resp: 116462

Ion Ratio Lower Upper

180 100

182 93.8 0.0 192.2

145 29.7 0.0 60.4



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

