

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031819\
 Data File : VX008158.D
 Acq On : 18 Mar 2019 10:27
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Mar 18 11:53:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X031819W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Mar 18 11:50:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	56883	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	322979	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	285213	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	142588	29.31	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	97.70%
60) 4-Bromofluorobenzene	11.13	95	143287	29.88	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.60%
63) Toluene-d8	8.71	98	415130	29.67	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.90%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	16939	6.820	ug/l 99
3) Chloromethane	1.32	50	24262	7.898	ug/l 95
4) Vinyl Chloride	1.41	62	24900	7.825	ug/l 96
5) Bromomethane	1.64	94	22697	10.788	ug/l 99
6) Chloroethane	1.72	64	16503	8.608	ug/l 99
7) Trichlorofluoromethane	1.93	101	32149	8.298	ug/l 98
8) Diethyl Ether	2.19	74	14683	6.569	ug/l 86
9) 1,1,2-Trichlorotrifluoroet	2.38	101	18756	6.789	ug/l 92
11) Methyl Iodide	2.51	142	16623	5.378	ug/l 97
12) Methyl Acetate	2.78	43	34216	7.855	ug/l 97
13) Acrolein	2.29	56	22362	36.326	ug/l 99
14) Acrylonitrile	3.14	53	60654	31.743	ug/l 98
15) Acetone	2.45	58	19159	28.425	ug/l 92
16) Carbon Disulfide	2.57	76	50811	6.162	ug/l 98
17) Allyl chloride	2.73	41	35108	6.335	ug/l 95
18) Methylene Chloride	2.86	84	20929	6.800	ug/l 92
19) trans-1,2-Dichloroethene	3.17	96	18441	6.558	ug/l 89
20) Diisopropyl ether	3.85	45	70600	6.333	ug/l # 86
21) 1,1-Dichloroethane	3.70	63	37067	6.470	ug/l 97
22) cis-1,2-Dichloroethene	4.60	96	21234	6.616	ug/l # 83
23) tert-Butyl Alcohol	3.05	59	21345	30.263	ug/l # 100
24) Methyl tert-Butyl Ether	3.20	73	59759	6.321	ug/l 96
25) Chloroform	5.21	83	35733	6.524	ug/l 99
26) Cyclohexane	5.58	56	34342	6.451	ug/l # 86
29) 1,1-Dichloropropene	5.80	75	25960	6.298	ug/l 94
30) 2-Butanone	4.67	43	88130	28.273	ug/l 94
31) 2,2-Dichloropropane	4.59	77	25407	6.171	ug/l 97
32) 1,1,1-Trichloroethane	5.49	97	28339	6.417	ug/l # 93
33) Carbon Tetrachloride	5.78	117	24073	6.675	ug/l 88
35) Methacrylonitrile	5.04	41	18017	6.338	ug/l 92
36) 1,2-Dichloroethane	6.20	62	31058	6.726	ug/l # 84
37) Trichloroethene	7.21	130	19689	6.661	ug/l 82
38) Methylcyclohexane	7.46	83	33236	6.682	ug/l 88
39) 1,2-Dichloropropane	7.51	63	21492	6.297	ug/l 98
40) Dibromomethane	7.66	93	13918	6.671	ug/l 90
41) Bromodichloromethane	7.90	83	26078	6.505	ug/l 98
42) Vinyl Acetate	3.81	43	277588	28.326	ug/l # 94

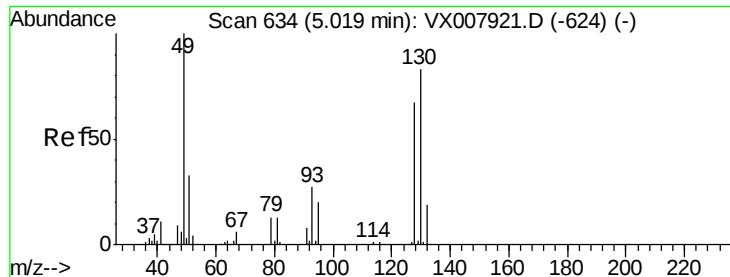
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031819\
 Data File : VX008158.D
 Acq On : 18 Mar 2019 10:27
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Mar 18 11:53:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X031819W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Mar 18 11:50:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.83	43	33750	6.325	ug/l #	85
44) Isopropyl Acetate	6.44	43	49610	6.257	ug/l	100
45) 1,4-Dioxane	7.80	88	237	3.140	ug/l	97
46) Methyl methacrylate	7.77	41	25398	6.034	ug/l	92
47) n-amyl Acetate	10.90	43	41864	6.094	ug/l	100
48) t-1,3-Dichloropropene	9.04	75	26315	6.184	ug/l	95
49) cis-1,3-Dichloropropene	8.43	75	30019	6.276	ug/l	95
50) 1,1,2-Trichloroethane	9.21	97	19710	6.565	ug/l	96
51) Ethyl methacrylate	9.18	69	28969	6.041	ug/l	90
52) 1,3-Dichloropropane	9.37	76	35498	6.498	ug/l	98
53) Dibromochloromethane	9.58	129	18133	6.325	ug/l	100
54) 1,2-Dibromoethane	9.67	107	20538	6.387	ug/l	98
55) 2-Chloroethyl vinyl ether	8.30	63	87701	24.508	ug/l	95
56) Bromoform	10.85	173	12994	6.392	ug/l	99
58) 4-Methyl-2-Pentanone	8.64	43	161843	29.810	ug/l	96
59) 2-Hexanone	9.49	43	128037	28.942	ug/l	95
61) Tetrachloroethene	9.34	164	20004	7.121	ug/l	95
62) Toluene	8.78	91	87179	6.654	ug/l	99
64) Chlorobenzene	10.13	112	51889	6.620	ug/l	97
65) 1,1,1,2-Tetrachloroethane	10.22	131	17840	6.628	ug/l	98
66) Ethyl Benzene	10.25	91	92089	6.679	ug/l	97
67) m/p-Xylenes	10.35	106	66488	13.044	ug/l	90
68) o-Xylene	10.69	106	32576	6.623	ug/l	90
69) Styrene	10.71	104	51546	6.454	ug/l	95
70) Isopropylbenzene	11.02	105	88008	6.632	ug/l	96
71) 1,1,2,2-Tetrachloroethane	11.27	83	32162	6.646	ug/l	96
72) 1,2,3-Trichloropropane	11.29	75	35517	8.384	ug/l	89
73) Bromobenzene	11.26	156	21452	6.852	ug/l	80
74) n-propylbenzene	11.36	91	104513	6.754	ug/l	95
75) 2-Chlorotoluene	11.42	91	63652	6.845	ug/l	91
76) 1,3,5-Trimethylbenzene	11.51	105	72603	6.625	ug/l	97
77) t-1,4-Dichloro-2-butene	11.07	75	7888	5.700	ug/l	97
78) 4-Chlorotoluene	11.51	91	70559	6.698	ug/l	92
79) tert-butylbenzene	12.06	119	72842	6.641	ug/l	96
80) 1,2,4-Trimethylbenzene	11.80	105	73114	6.632	ug/l	95
81) sec-Butylbenzene	11.94	105	87054	6.698	ug/l	97
82) p-Isopropyltoluene	12.06	119	72842	6.641	ug/l	96
83) 1,3-Dichlorobenzene	12.02	146	37758	6.696	ug/l	94
84) 1,4-Dichlorobenzene	12.10	146	37754	6.905	ug/l	95
85) n-Butylbenzene	12.38	91	66051	6.643	ug/l	97
86) Hexachloroethane	12.60	117	12012	6.479	ug/l	100
87) 1,2-Dichlorobenzene	12.39	146	38459	6.859	ug/l	97
88) 1,2-Dibromo-3-Chloropropan	13.00	75	6155	6.087	ug/l #	75
89) 1,2,4-Trichlorobenzene	13.65	180	22908	6.533	ug/l	96
90) Hexachlorobutadiene	13.78	225	12896	7.141	ug/l	95
91) Naphthalene	13.83	128	70713	6.142	ug/l	99
92) 1,2,3-Trichlorobenzene	14.02	180	23547	6.709	ug/l	99

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



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.01 min Scan# 633

Delta R.T. -0.01 min

Lab File: VX008158.D

Acq: 18 Mar 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

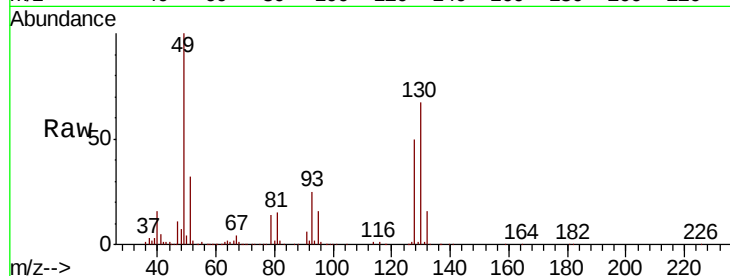
Tgt Ion:128 Resp: 56883

Ion Ratio Lower Upper

128 100

49 191.0 0.0 350.8

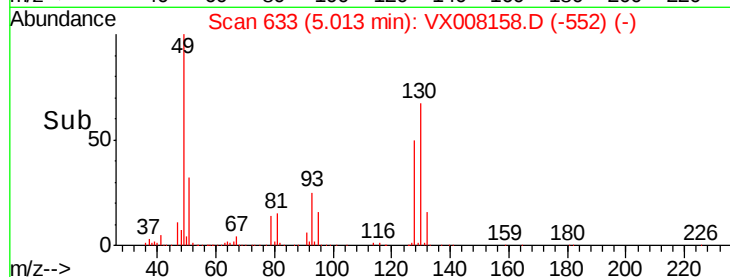
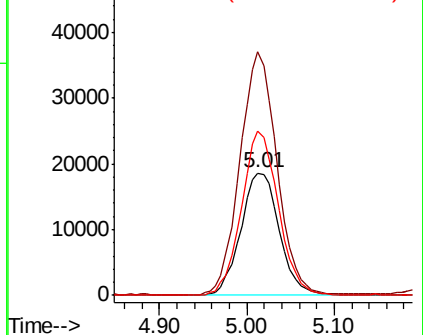
130 128.4 0.0 325.8



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: 6.820 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008158.D

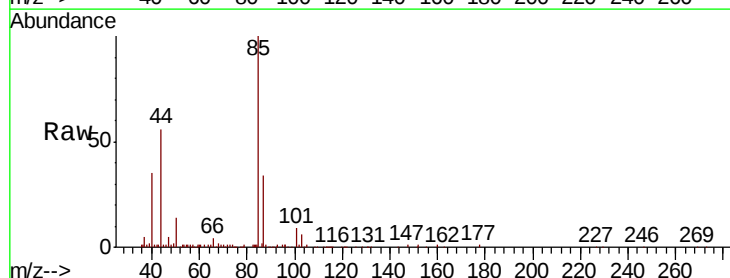
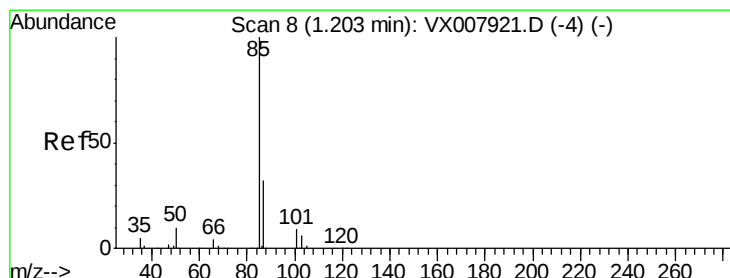
Acq: 18 Mar 2019 10:27

Tgt Ion: 85 Resp: 16939

Ion Ratio Lower Upper

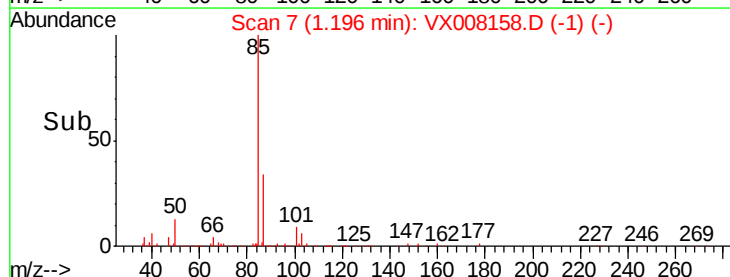
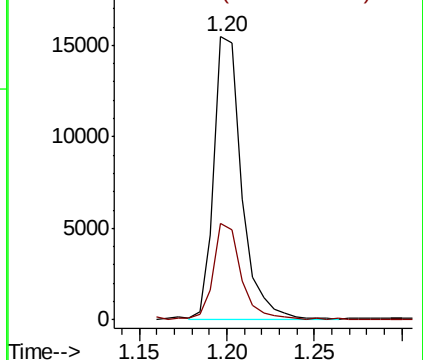
85 100

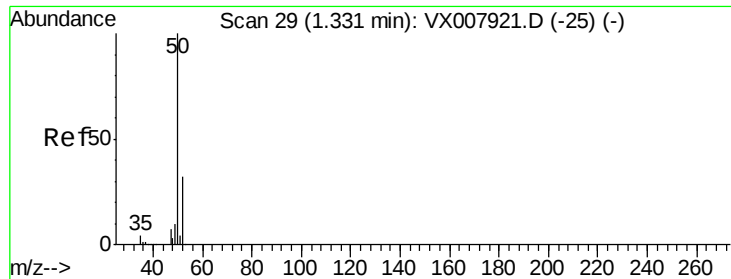
87 33.6 16.6 49.8



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

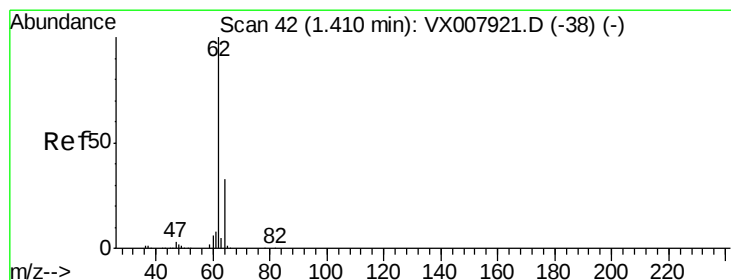
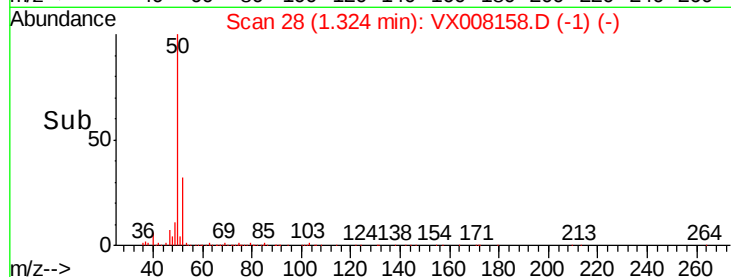
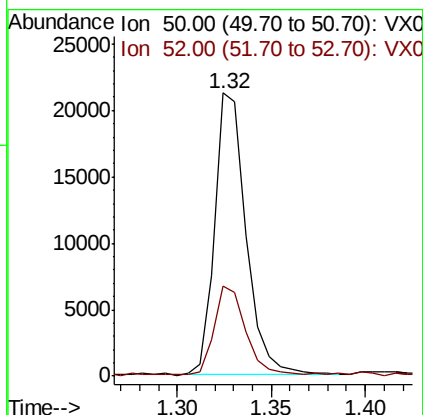
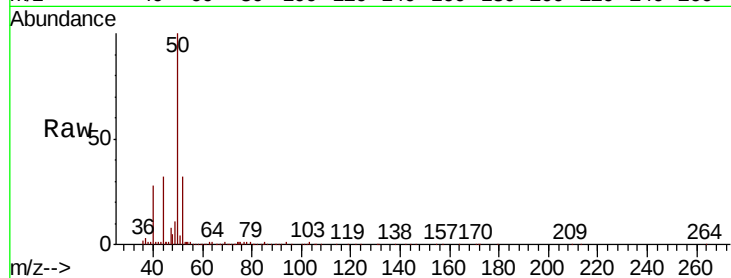




#3
Chloromethane
Concen: 7.898 ug/l
RT: 1.32 min Scan# 28
Delta R.T. -0.01 min
Lab File: VX008158.D
Acq: 18 Mar 2019 10:27

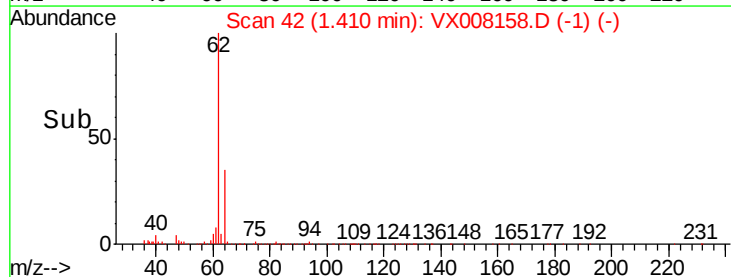
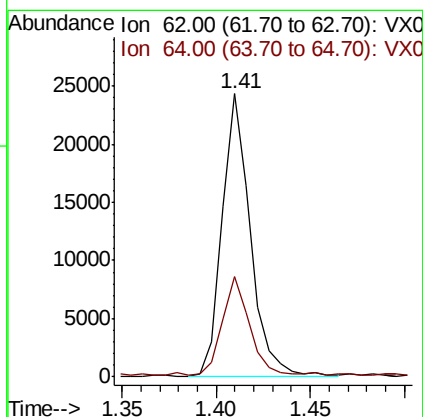
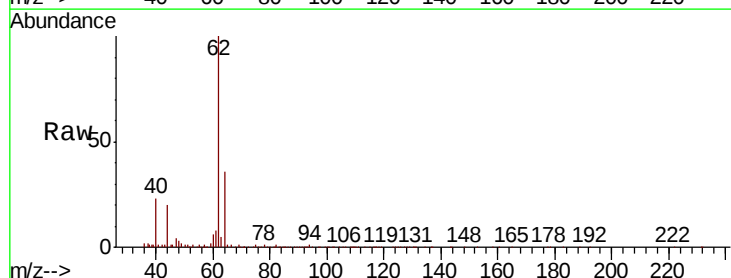
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

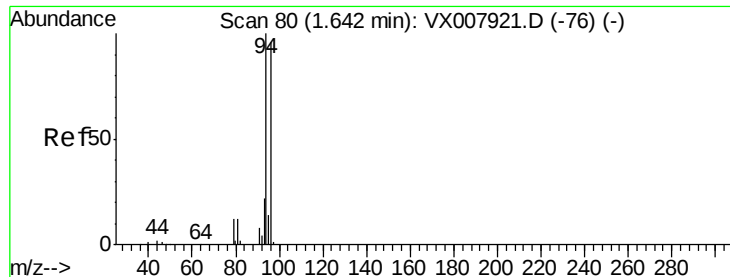
Tgt Ion: 50 Resp: 24262
Ion Ratio Lower Upper
50 100
52 31.3 27.5 41.3



#4
Vinyl Chloride
Concen: 7.825 ug/l
RT: 1.41 min Scan# 42
Delta R.T. -0.00 min
Lab File: VX008158.D
Acq: 18 Mar 2019 10:27

Tgt Ion: 62 Resp: 24900
Ion Ratio Lower Upper
62 100
64 34.6 25.9 38.9





#5

Bromomethane

Concen: 10.788 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX008158.D

Acq: 18 Mar 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

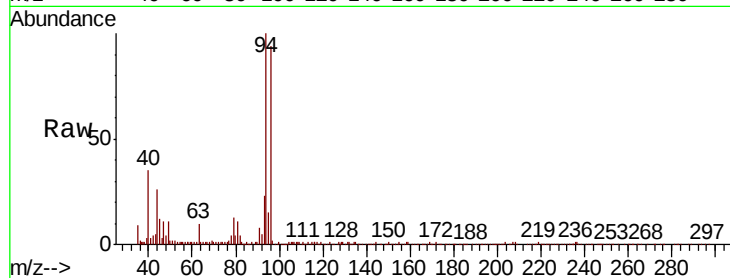
VSTDIC005

Tgt Ion: 94 Resp: 22697

Ion Ratio Lower Upper

94 100

96 93.3 75.6 113.4



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0

25000

20000

15000

10000

5000

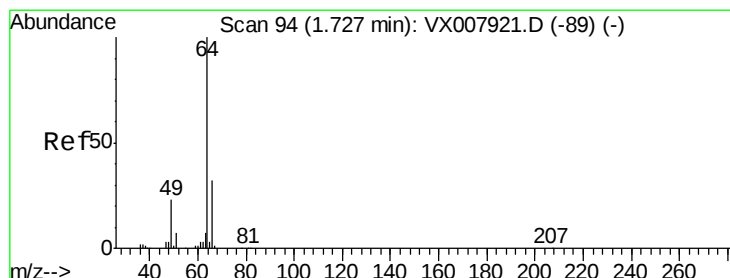
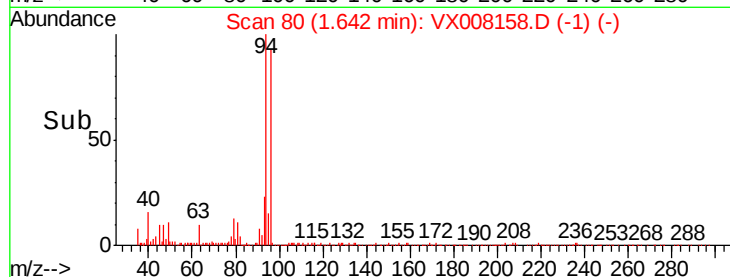
0

1.60

1.65

1.70

Time-->



#6

Chloroethane

Concen: 8.608 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.01 min

Lab File: VX008158.D

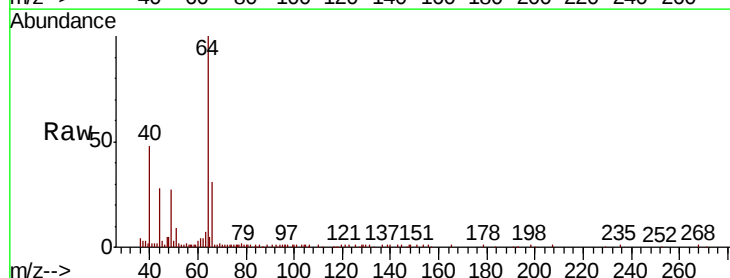
Acq: 18 Mar 2019 10:27

Tgt Ion: 64 Resp: 16503

Ion Ratio Lower Upper

64 100

66 30.5 23.9 35.9



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0

15000

10000

5000

0

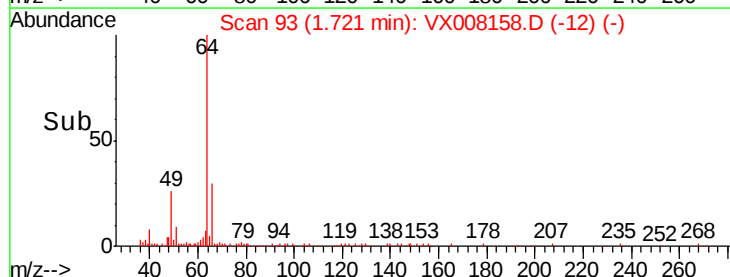
1.65

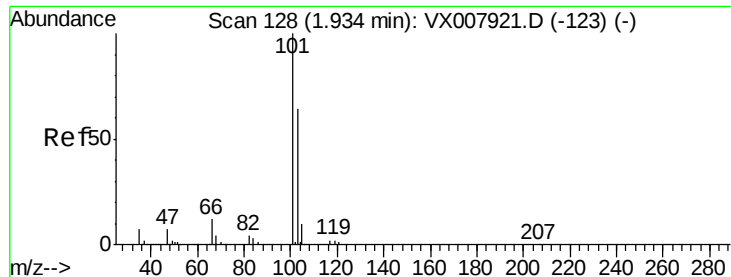
1.70

1.75

1.80

Time-->



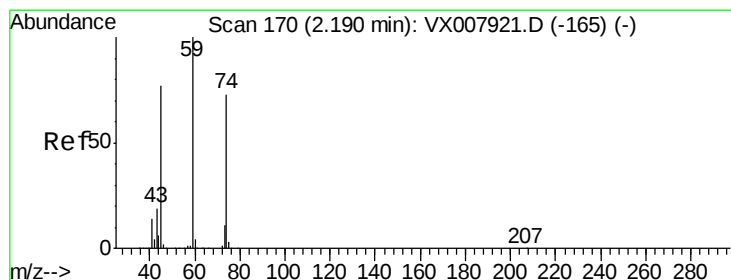
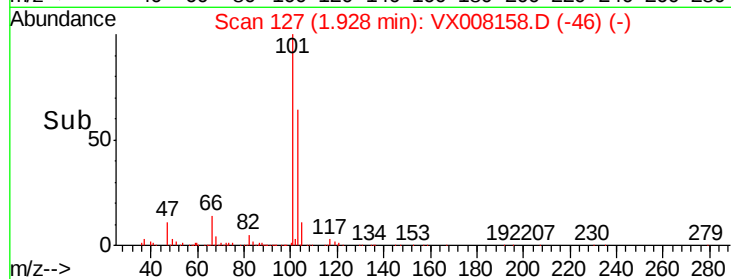
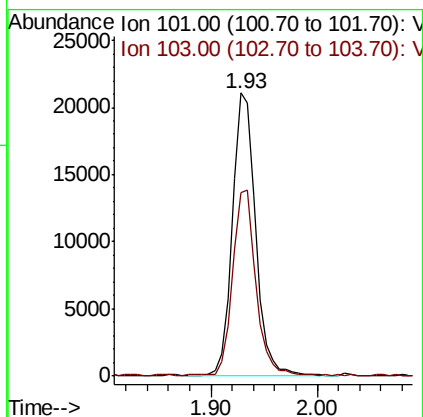
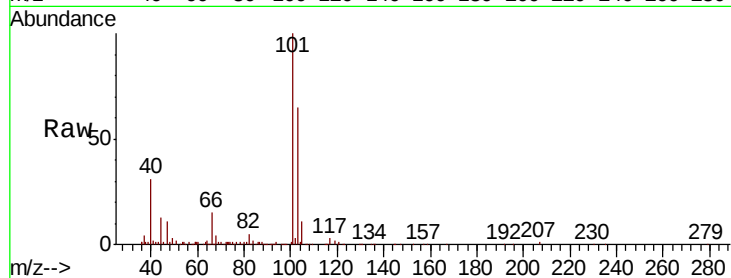


#7

Trichlorofluoromethane
 Concen: 8.298 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. -0.01 min
 Lab File: VX008158.D
 Acq: 18 Mar 2019 10:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

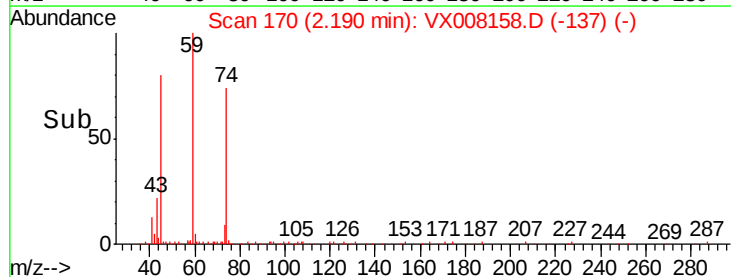
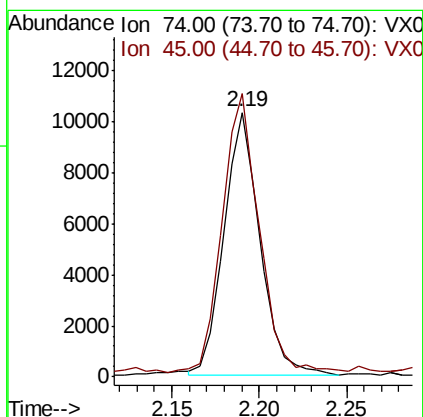
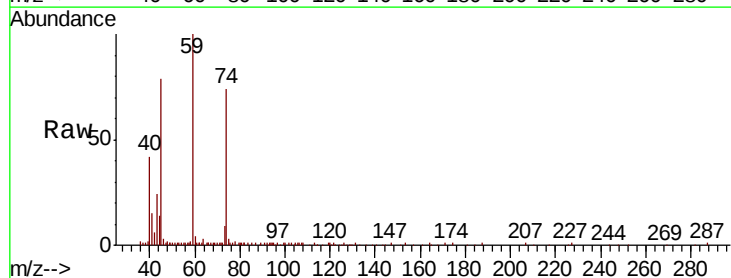
Tgt Ion:101 Resp: 32149
 Ion Ratio Lower Upper
 101 100
 103 64.4 50.4 75.6

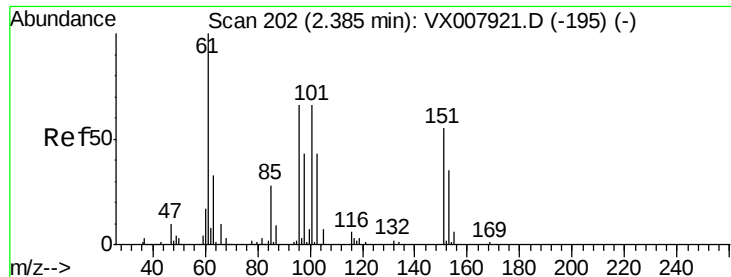


#8

Diethyl Ether
 Concen: 6.569 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX008158.D
 Acq: 18 Mar 2019 10:27

Tgt Ion: 74 Resp: 14683
 Ion Ratio Lower Upper
 74 100
 45 106.5 18.6 167.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 6.789 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX008158.D

Acq: 18 Mar 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

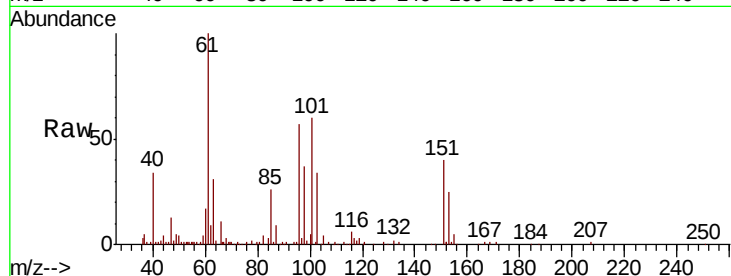
Tgt Ion:101 Resp: 18756

Ion Ratio Lower Upper

101 100

85 46.9 0.0 86.8

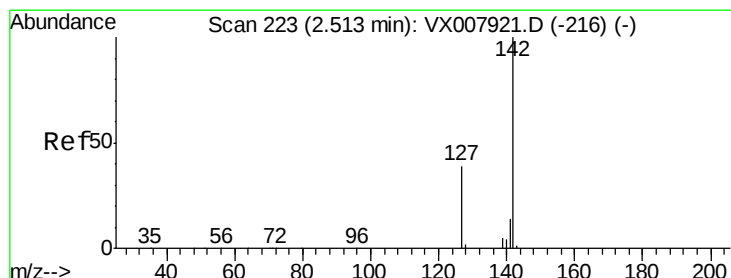
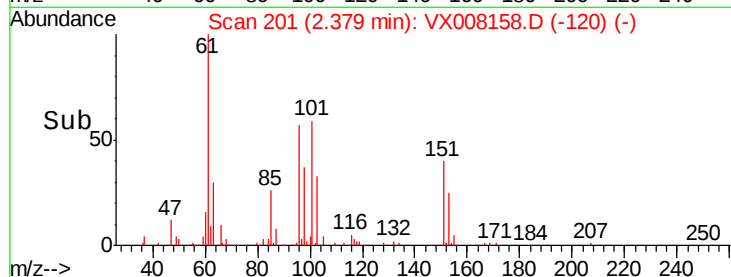
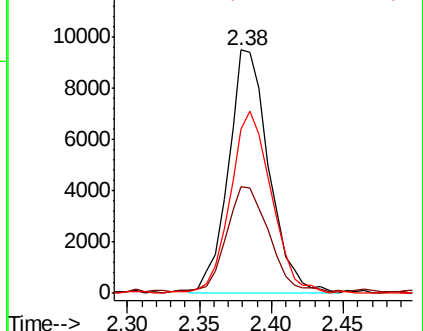
151 75.7 0.0 169.2



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



#11

Methyl Iodide

Concen: 5.378 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.01 min

Lab File: VX008158.D

Acq: 18 Mar 2019 10:27

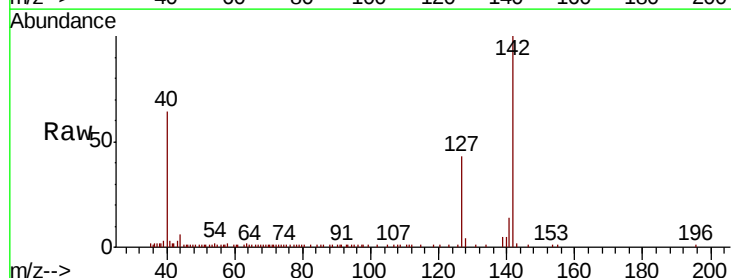
Tgt Ion:142 Resp: 16623

Ion Ratio Lower Upper

142 100

127 42.8 22.1 66.5

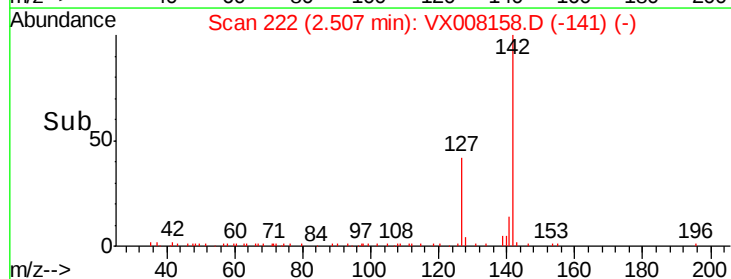
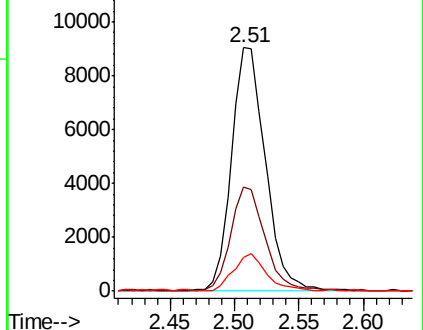
141 13.6 7.4 22.3

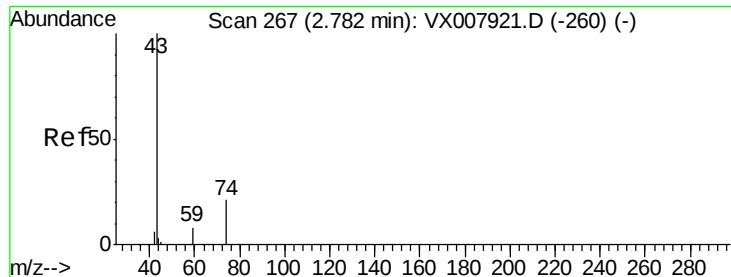


Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V





#12

Methyl Acetate

Concen: 7.855 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX008158.D

Acq: 18 Mar 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

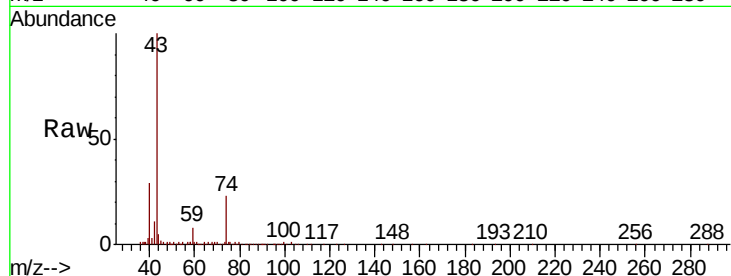
VSTDIC005

Tgt Ion: 43 Resp: 34216

Ion Ratio Lower Upper

43 100

74 22.5 19.4 29.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

20000

15000

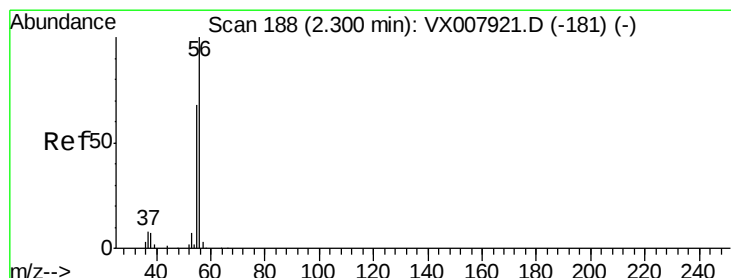
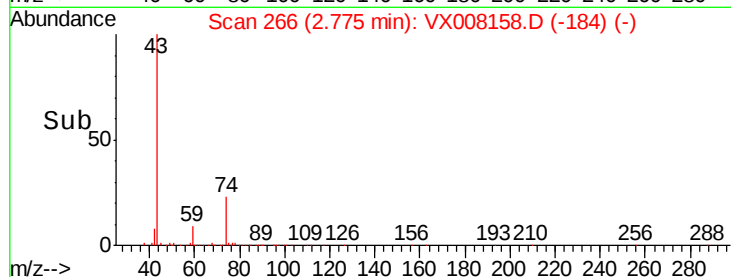
10000

5000

0

2.70 2.75 2.80 2.85

Time-->



#13

Acrolein

Concen: 36.326 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX008158.D

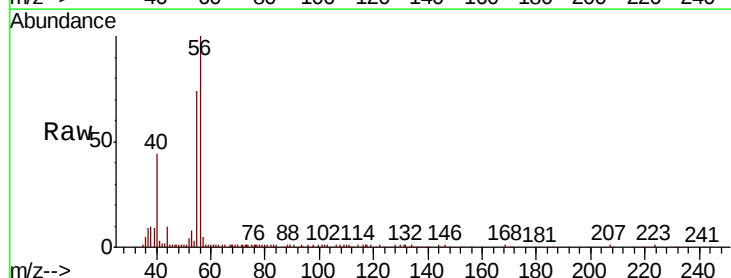
Acq: 18 Mar 2019 10:27

Tgt Ion: 56 Resp: 22362

Ion Ratio Lower Upper

56 100

55 73.8 58.6 87.8



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

15000

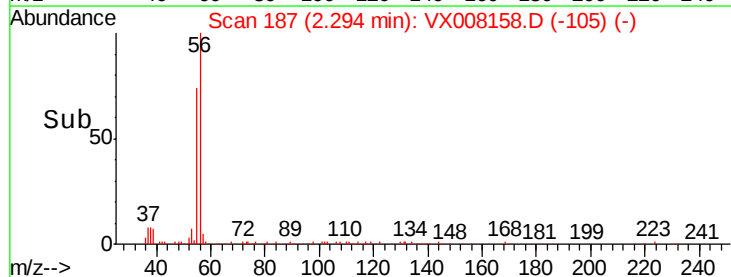
10000

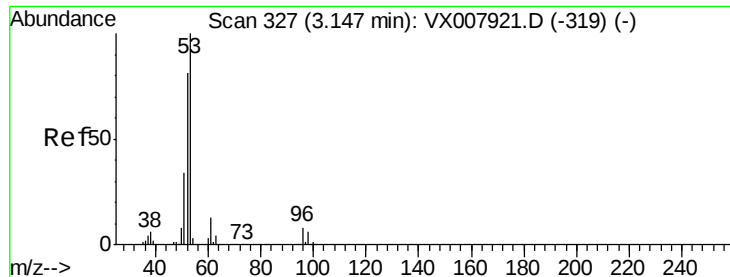
5000

0

2.20 2.25 2.30 2.35 2.40

Time-->





#14

Acrylonitrile

Concen: 31.743 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX008158.D

Acq: 18 Mar 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

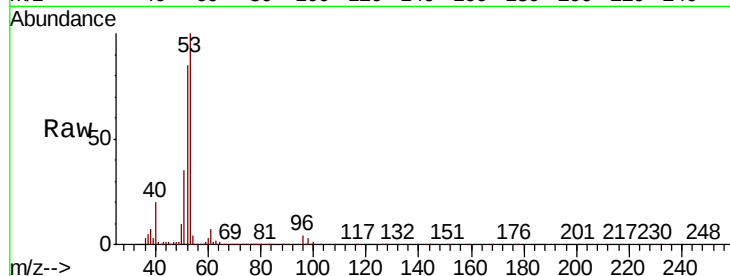
Tgt Ion: 53 Resp: 60654

Ion Ratio Lower Upper

53 100

52 83.9 41.3 124.1

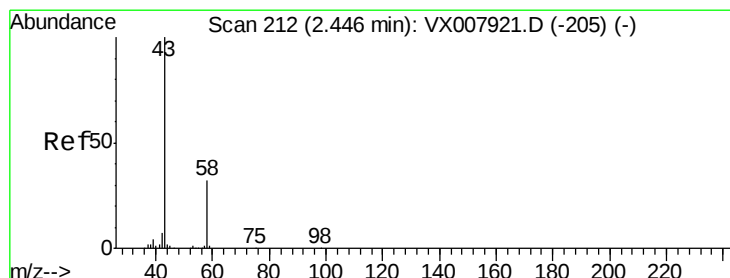
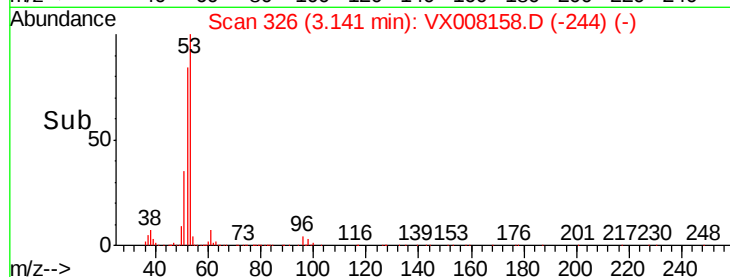
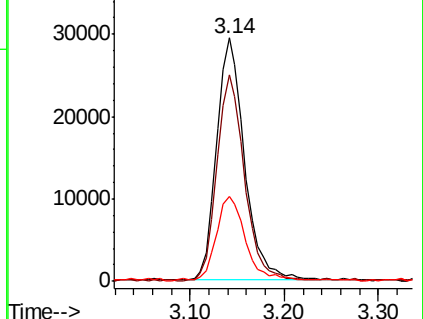
51 36.3 17.5 52.6



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#15

Acetone

Concen: 28.425 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX008158.D

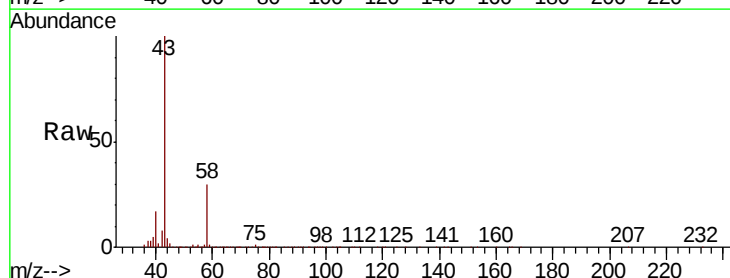
Acq: 18 Mar 2019 10:27

Tgt Ion: 58 Resp: 19159

Ion Ratio Lower Upper

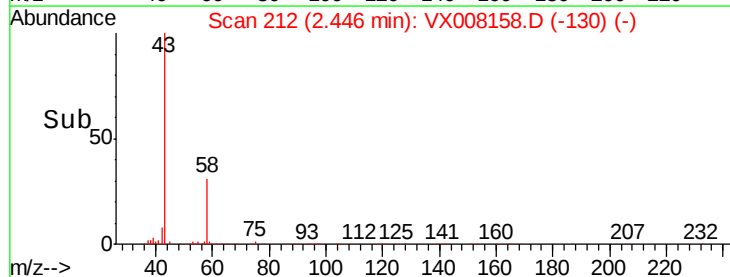
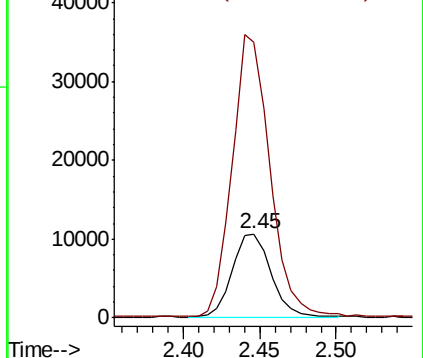
58 100

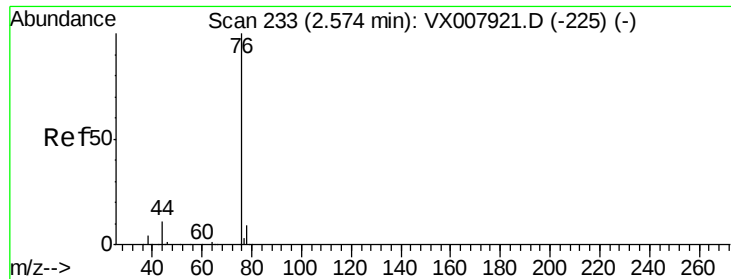
43 329.3 249.8 374.6



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

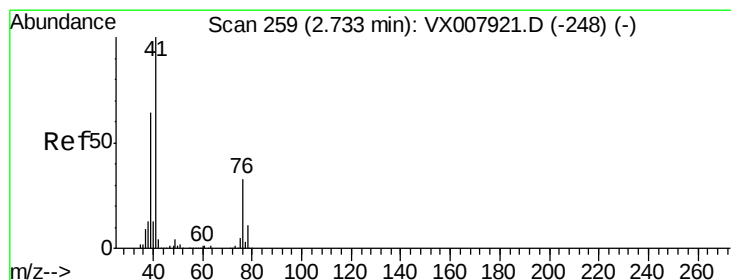
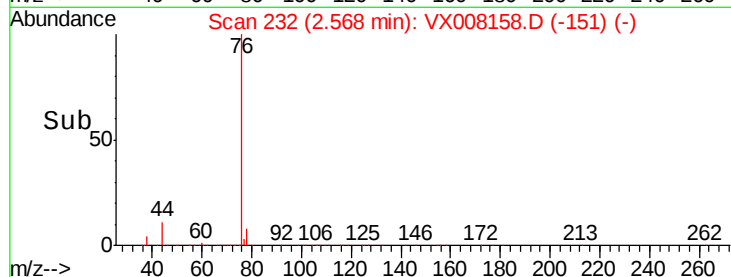
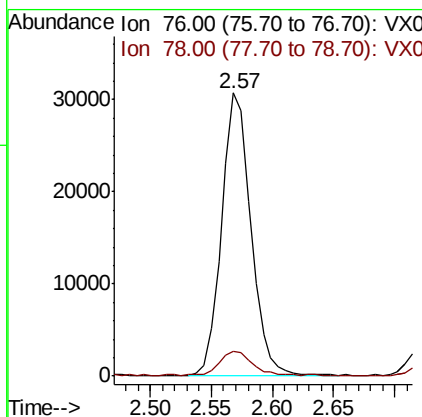
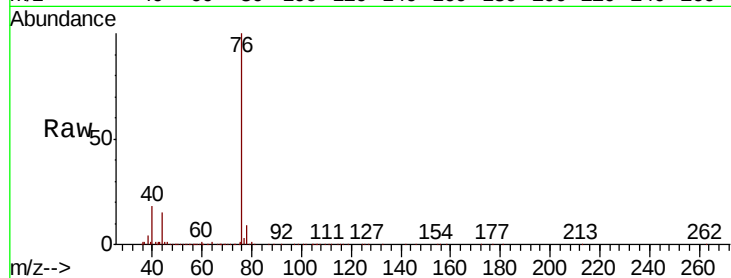




#16
Carbon Disulfide
Concen: 6.162 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.01 min
Lab File: VX008158.D
Acq: 18 Mar 2019 10:27

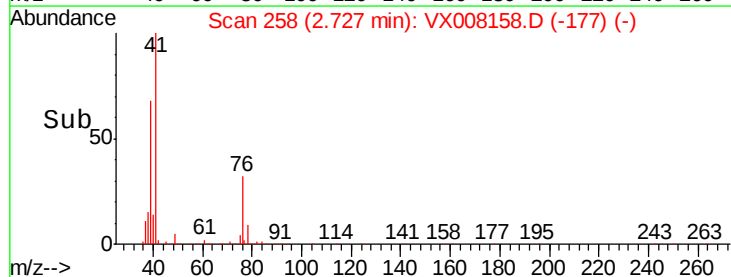
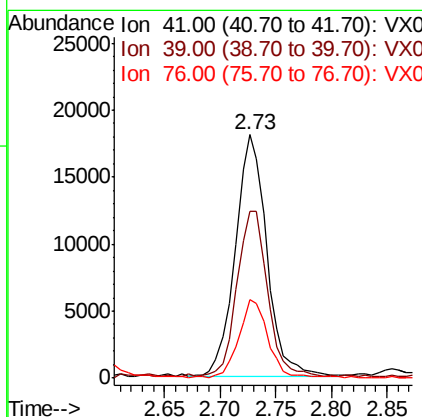
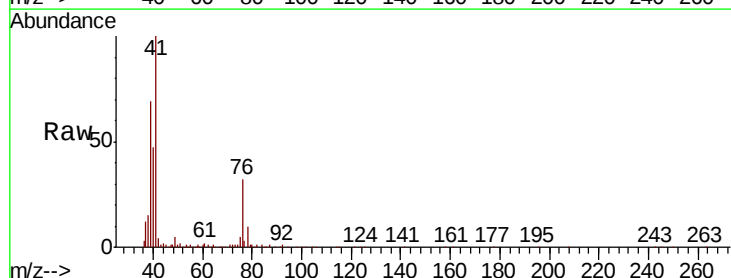
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

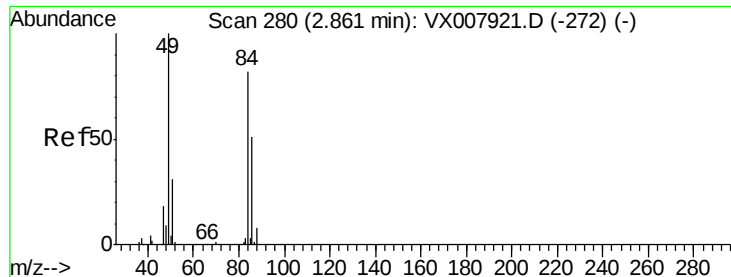
Tgt Ion: 76 Resp: 50811
Ion Ratio Lower Upper
76 100
78 8.8 7.5 11.3



#17
Allyl chloride
Concen: 6.335 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.01 min
Lab File: VX008158.D
Acq: 18 Mar 2019 10:27

Tgt Ion: 41 Resp: 35108
Ion Ratio Lower Upper
41 100
39 68.3 35.8 107.4
76 31.9 18.3 54.9

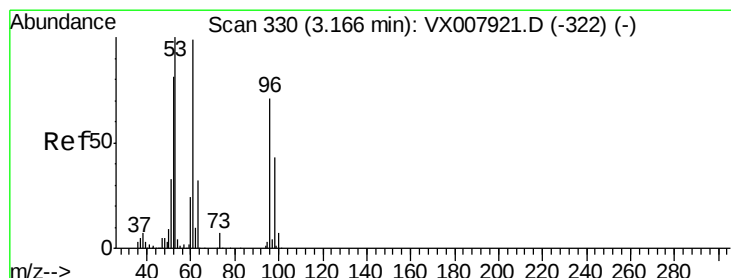
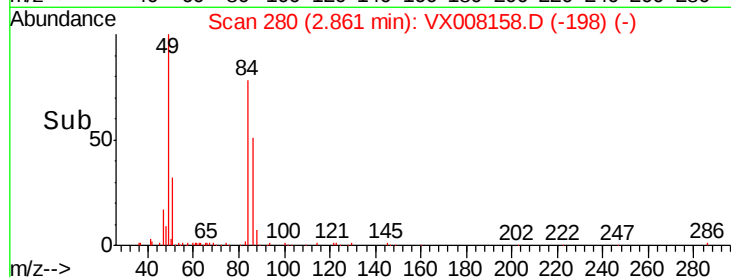
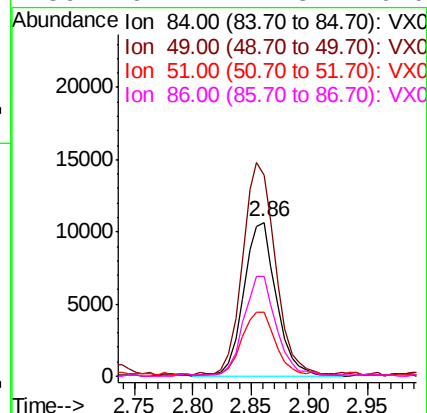
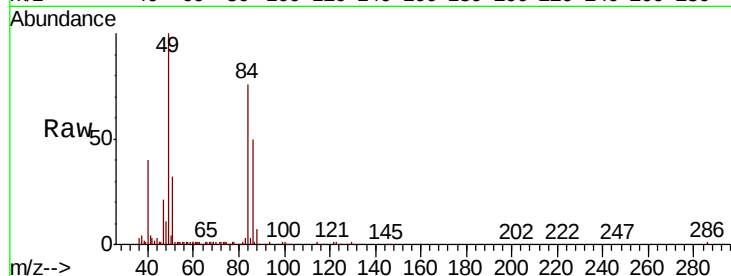




#18
Methylene Chloride
Concen: 6.800 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX008158.D
Acq: 18 Mar 2019 10:27

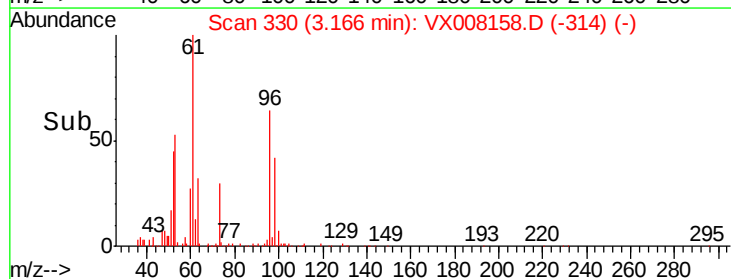
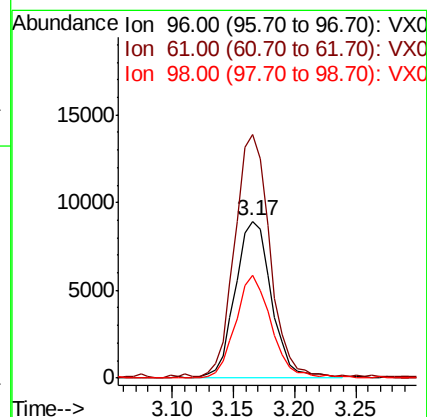
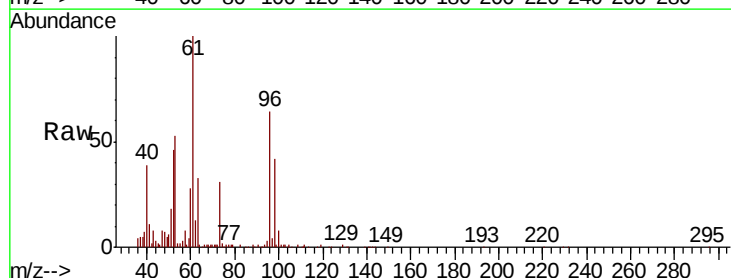
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

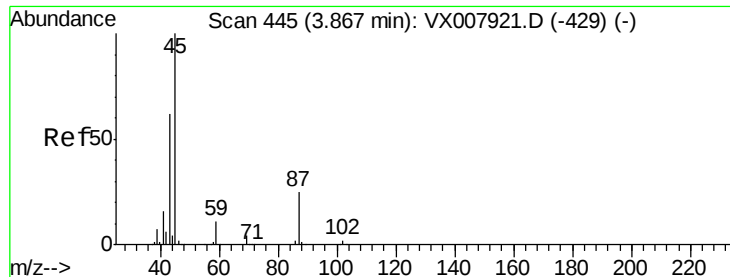
Tgt Ion:	84	Resp:	20929
Ion	Ratio	Lower	Upper
84	100		
49	129.6	96.1	144.1
51	40.2	29.1	43.7
86	64.2	47.3	70.9



#19
trans-1,2-Dichloroethene
Concen: 6.558 ug/l
RT: 3.17 min Scan# 330
Delta R.T. -0.00 min
Lab File: VX008158.D
Acq: 18 Mar 2019 10:27

Tgt Ion:	96	Resp:	18441
Ion	Ratio	Lower	Upper
96	100		
61	154.3	109.9	164.9
98	65.6	50.4	75.6

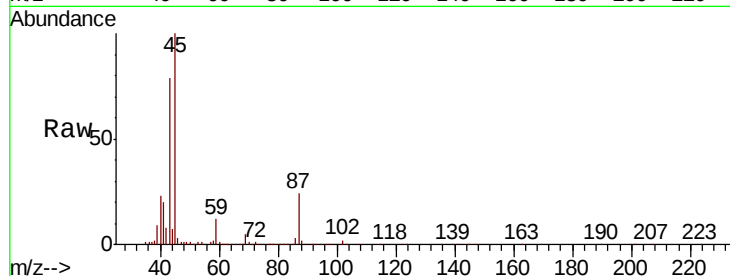




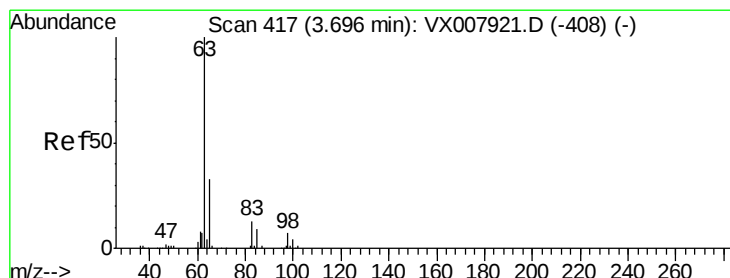
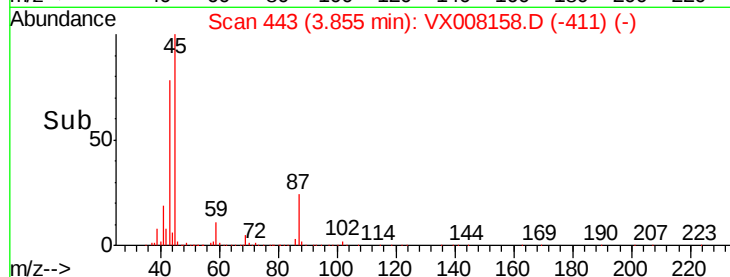
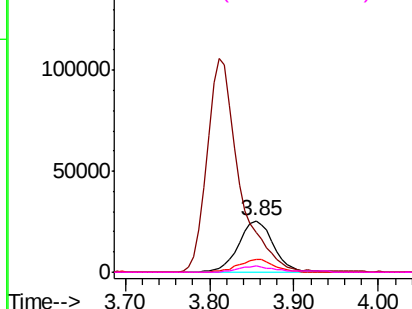
#20
 Diisopropyl ether
 Concen: 6.333 ug/l
 RT: 3.85 min Scan# 443
 Delta R.T. -0.01 min
 Lab File: VX008158.D
 Acq: 18 Mar 2019 10:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion:	45	Resp:	70600
Ion	Ratio	Lower	Upper
45	100		
43	76.8	50.6	76.0#
87	24.5	24.5	36.7
59	11.6	10.2	15.2

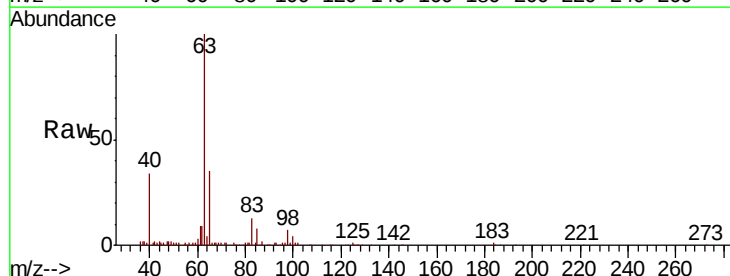


Abundance Ion 45.00 (44.70 to 45.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0
 Ion 59.00 (58.70 to 59.70): VX0

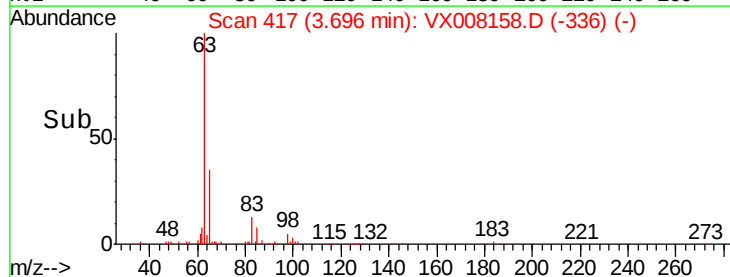
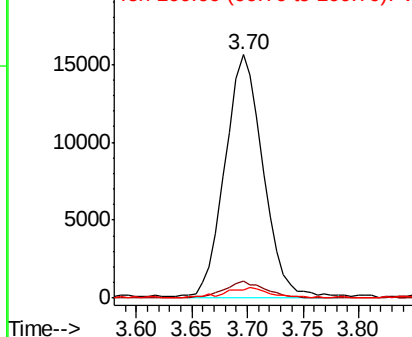


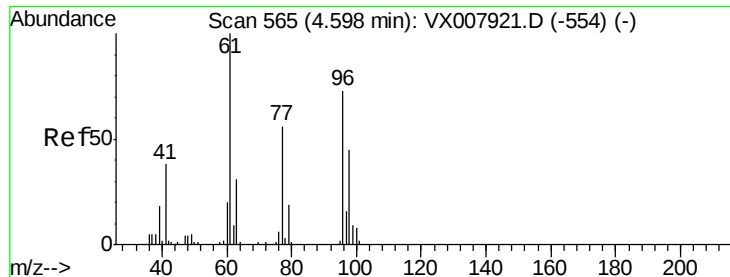
#21
 1,1-Dichloroethane
 Concen: 6.470 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. -0.01 min
 Lab File: VX008158.D
 Acq: 18 Mar 2019 10:27

Tgt Ion:	63	Resp:	37067
Ion	Ratio	Lower	Upper
63	100		
98	6.9	3.8	11.4
100	3.0	2.4	7.1



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): V



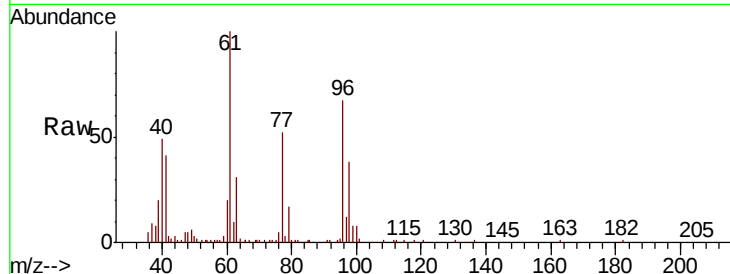


#22

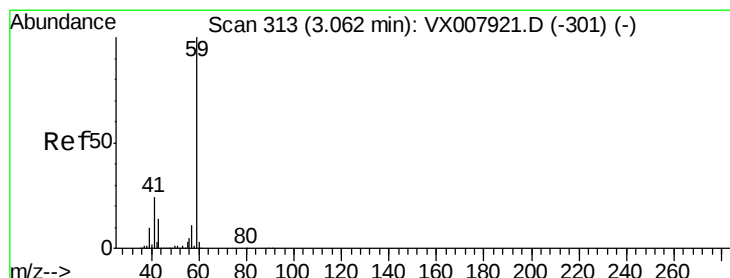
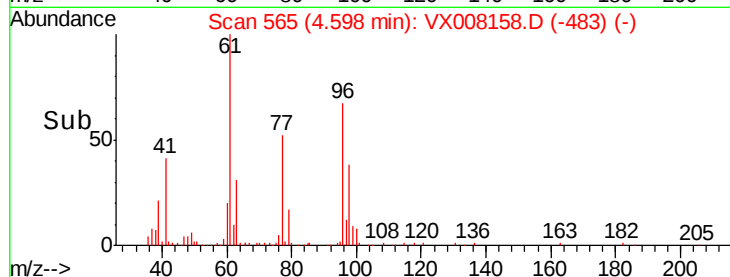
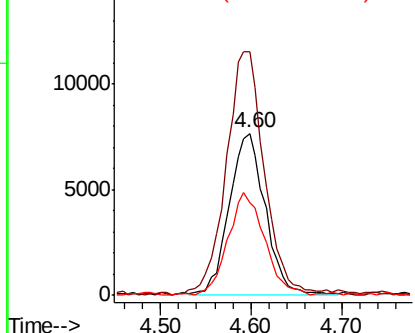
cis-1,2-Dichloroethene
Concen: 6.616 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX008158.D
Acq: 18 Mar 2019 10:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 96 Resp: 21234
Ion Ratio Lower Upper
96 100
61 159.1 103.5 155.3#
98 64.2 52.1 78.1



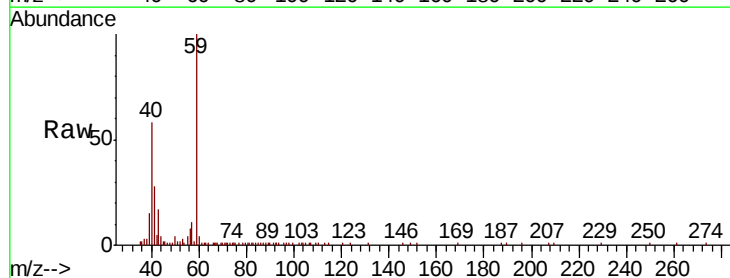
Abundance Ion 96.00 (95.70 to 96.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 98.00 (97.70 to 98.70): VX0



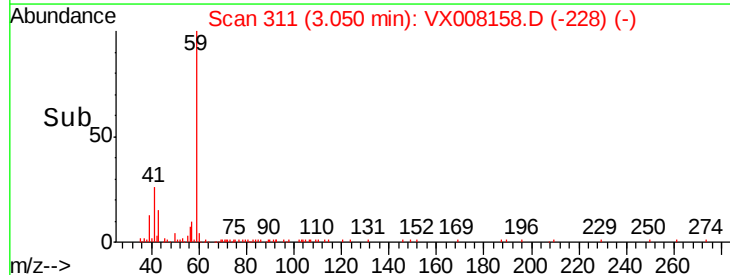
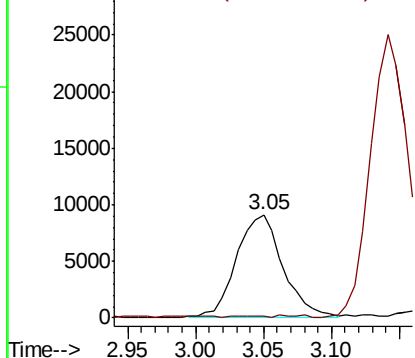
#23

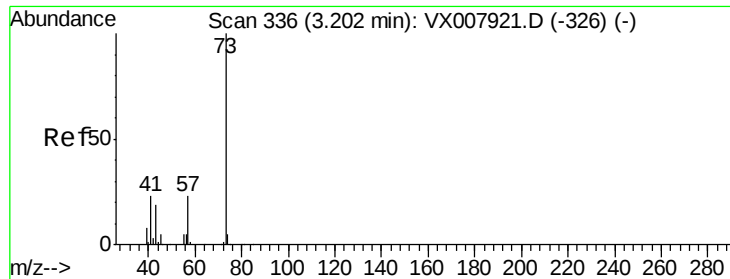
tert-Butyl Alcohol
Concen: 30.263 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.01 min
Lab File: VX008158.D
Acq: 18 Mar 2019 10:27

Tgt Ion: 59 Resp: 21345
Ion Ratio Lower Upper
59 100
52 0.1 0.2 0.2#



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: 6.321 ug/l

RT: 3.20 min Scan# 335

Delta R.T. -0.00 min

Lab File: VX008158.D

Acq: 18 Mar 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

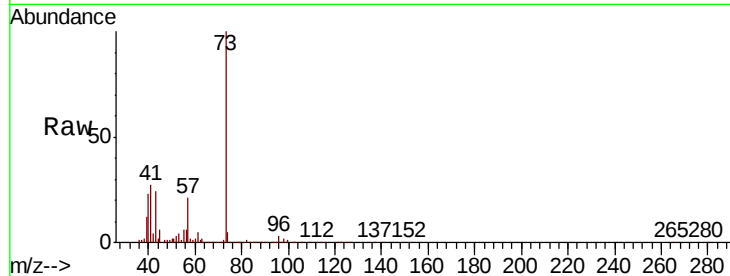
VSTDIC005

Tgt Ion: 73 Resp: 59759

Ion Ratio Lower Upper

73 100

43 23.2 17.1 25.7



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

30000

25000

20000

15000

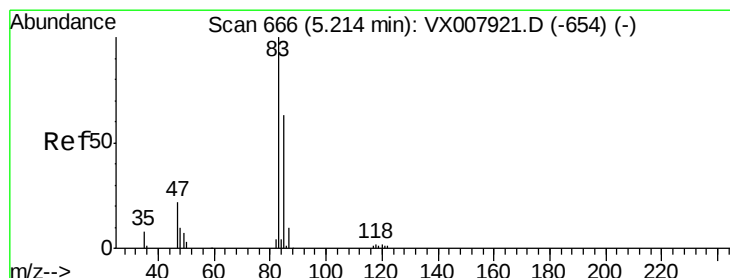
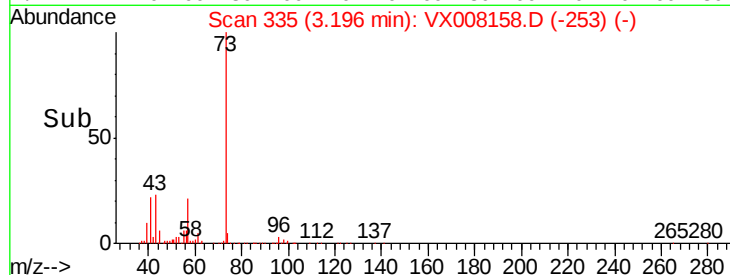
10000

5000

0

Time-->

3.10 3.15 3.20 3.25 3.30



#25

Chloroform

Concen: 6.524 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.01 min

Lab File: VX008158.D

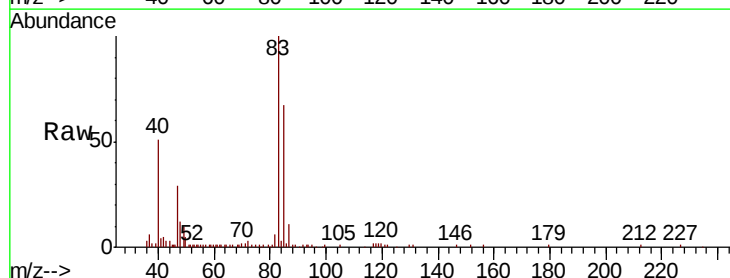
Acq: 18 Mar 2019 10:27

Tgt Ion: 83 Resp: 35733

Ion Ratio Lower Upper

83 100

85 66.6 53.8 80.6



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

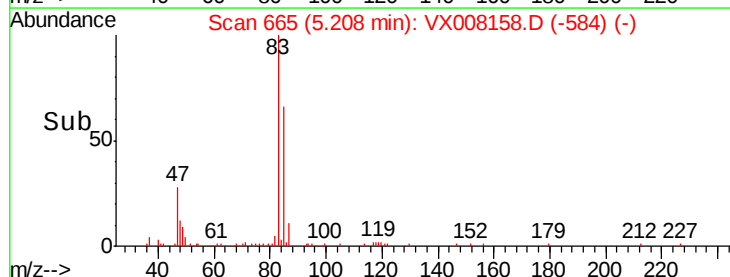
10000

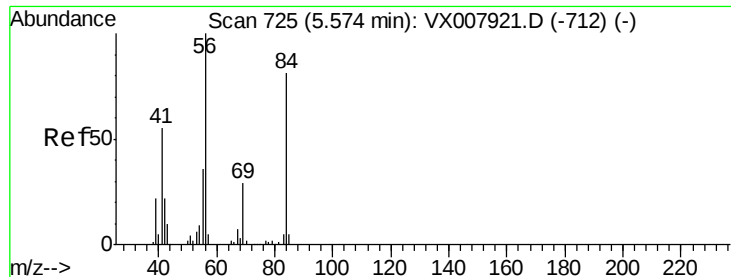
5000

0

Time-->

5.10 5.20 5.30

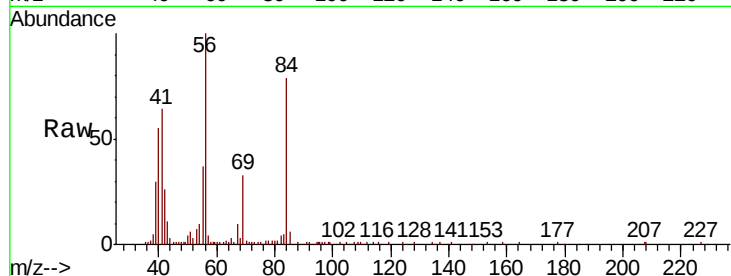




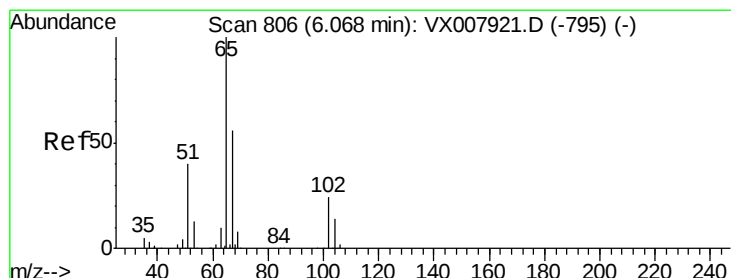
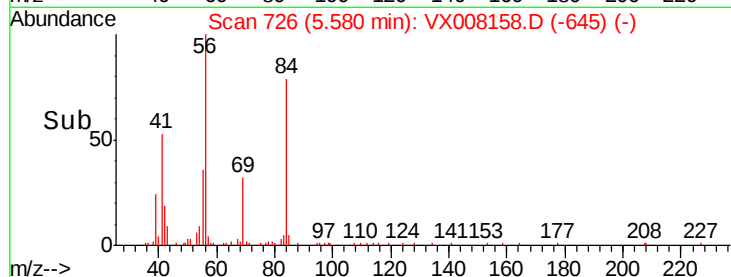
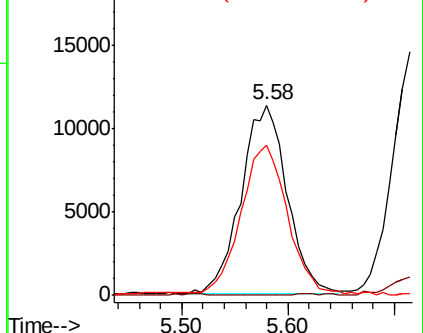
#26
Cyclohexane
Concen: 6.451 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.01 min
Lab File: VX008158.D
Acq: 18 Mar 2019 10:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 56 Resp: 34342
Ion Ratio Lower Upper
56 100
89 0.1 0.0 0.0#
84 78.7 73.9 110.9

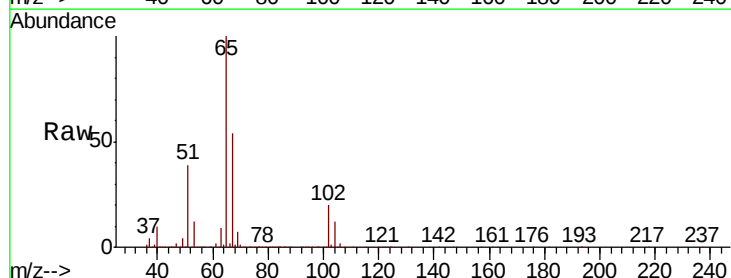


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 89.00 (88.70 to 89.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

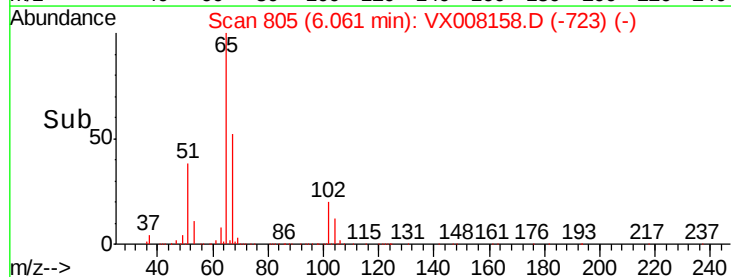
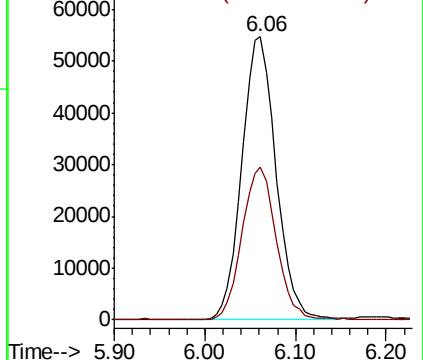


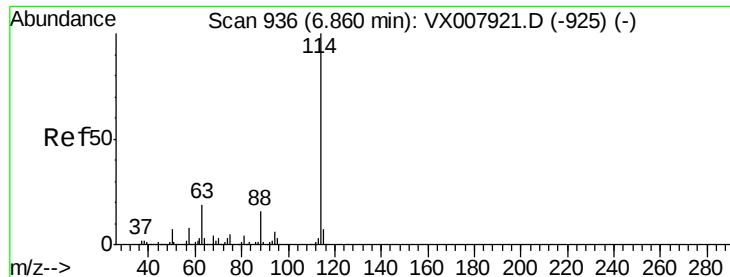
#27
1,2-Dichloroethane-d4
Concen: 29.305 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX008158.D
Acq: 18 Mar 2019 10:27

Tgt Ion: 65 Resp: 142588
Ion Ratio Lower Upper
65 100
67 53.8 42.9 64.3



Abundance Ion 65.00 (64.70 to 65.70): VX0
Ion 67.00 (66.70 to 67.70): VX0

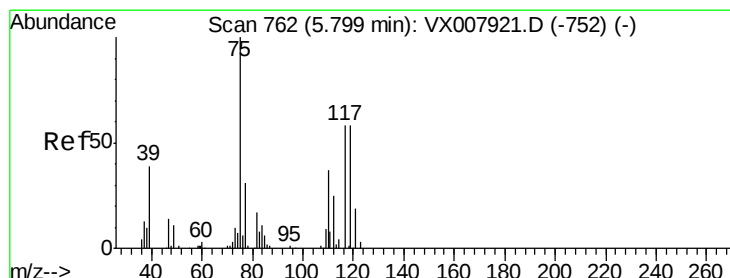
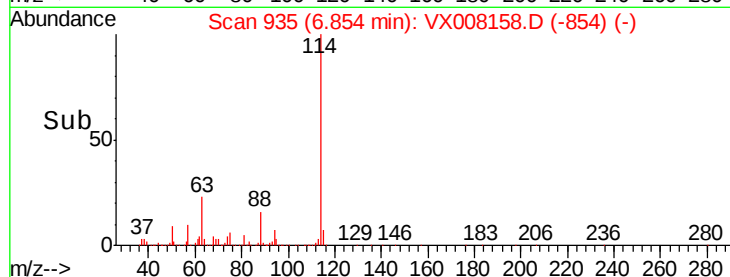
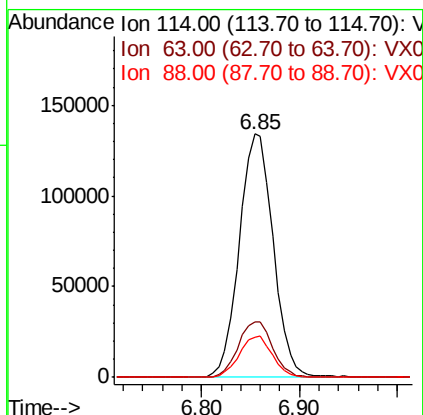
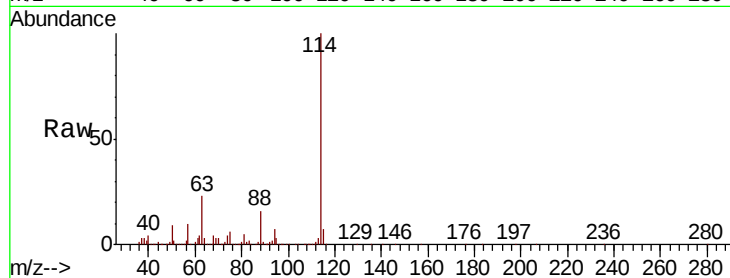




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX008158.D
 Acq: 18 Mar 2019 10:27

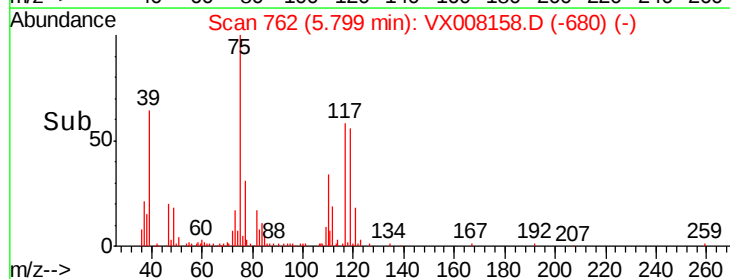
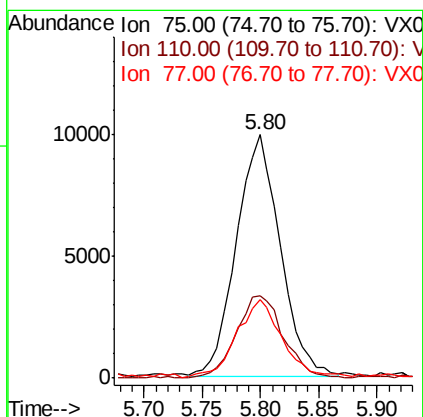
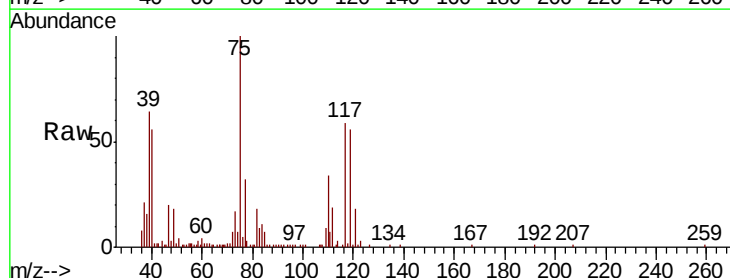
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

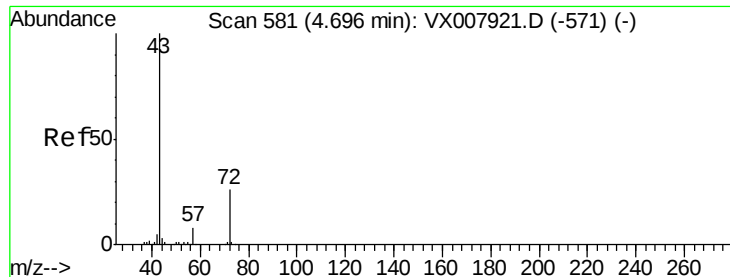
Tgt Ion:114 Resp: 322979
 Ion Ratio Lower Upper
 114 100
 63 23.1 14.2 21.4#
 88 16.6 11.9 17.9



#29
 1,1-Dichloropropene
 Concen: 6.298 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX008158.D
 Acq: 18 Mar 2019 10:27

Tgt Ion: 75 Resp: 25960
 Ion Ratio Lower Upper
 75 100
 110 36.5 0.0 80.8
 77 34.4 0.0 62.4

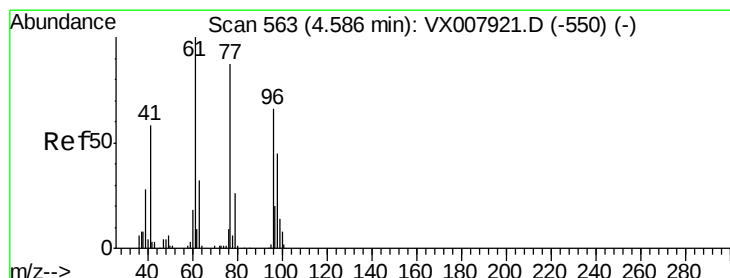
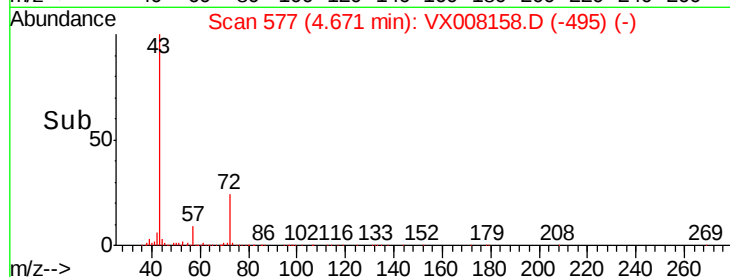
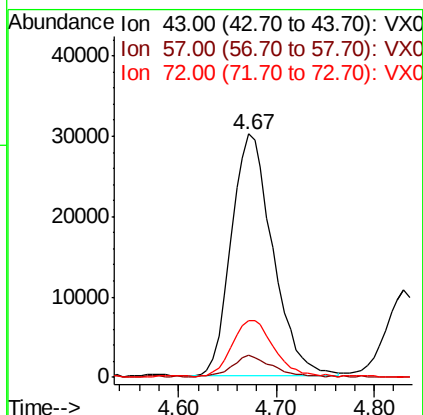
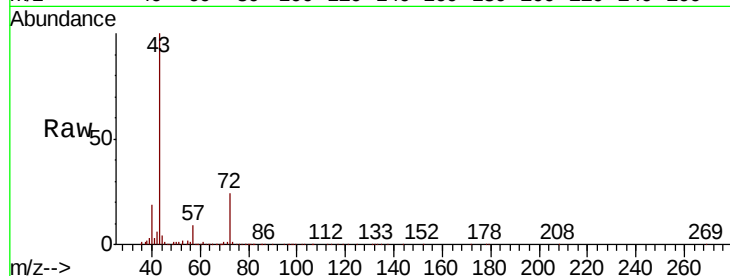




#30
2-Butanone
Concen: 28.273 ug/l
RT: 4.67 min Scan# 577
Delta R.T. -0.00 min
Lab File: VX008158.D
Acq: 18 Mar 2019 10:27

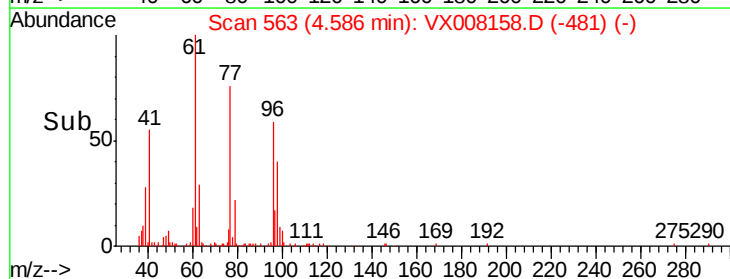
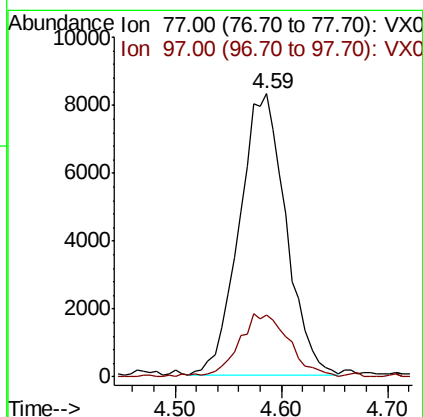
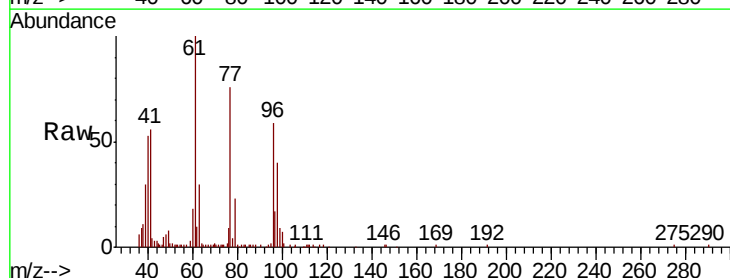
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

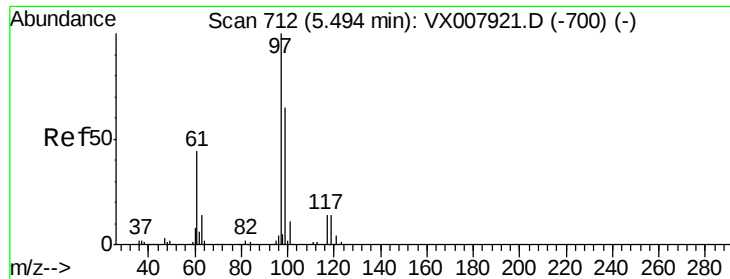
Tgt Ion: 43 Resp: 88130
Ion Ratio Lower Upper
43 100
57 8.4 7.0 10.6
72 23.1 21.5 32.3



#31
2,2-Dichloropropane
Concen: 6.171 ug/l
RT: 4.59 min Scan# 563
Delta R.T. -0.00 min
Lab File: VX008158.D
Acq: 18 Mar 2019 10:27

Tgt Ion: 77 Resp: 25407
Ion Ratio Lower Upper
77 100
97 24.2 20.6 31.0





#32

1,1,1-Trichloroethane

Concen: 6.417 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX008158.D

Acq: 18 Mar 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

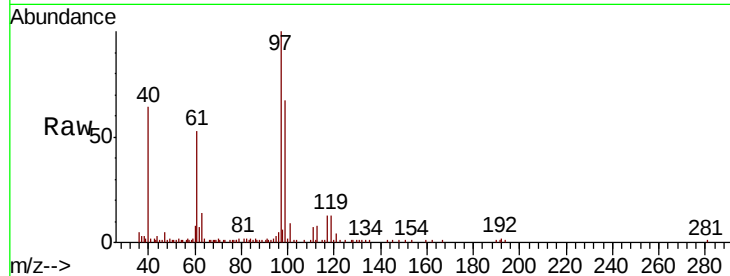
Tgt Ion: 97 Resp: 28339

Ion Ratio Lower Upper

97 100

99 66.3 51.7 77.5

61 50.4 32.8 49.2#

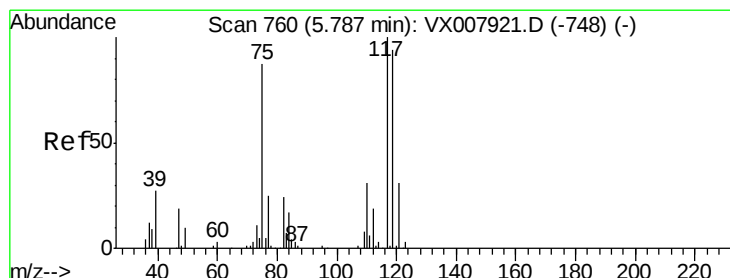
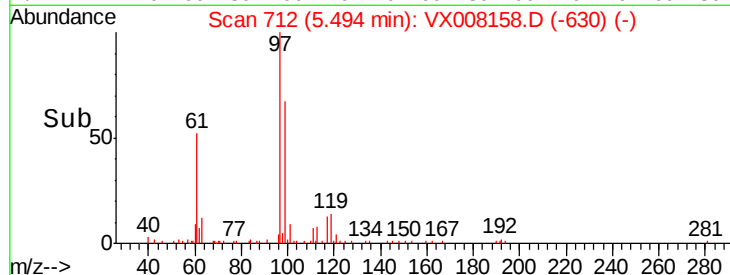
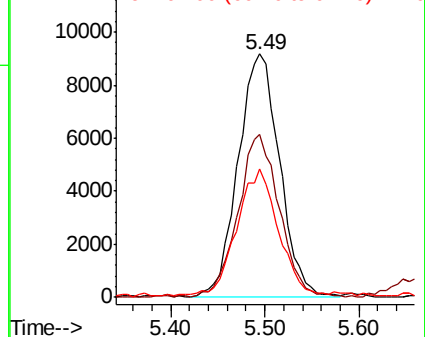


Abundance

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: 6.675 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX008158.D

Acq: 18 Mar 2019 10:27

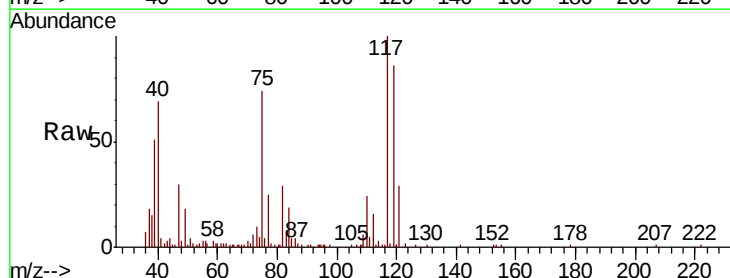
Tgt Ion: 117 Resp: 24073

Ion Ratio Lower Upper

117 100

119 85.2 78.1 117.1

121 28.9 27.0 40.6

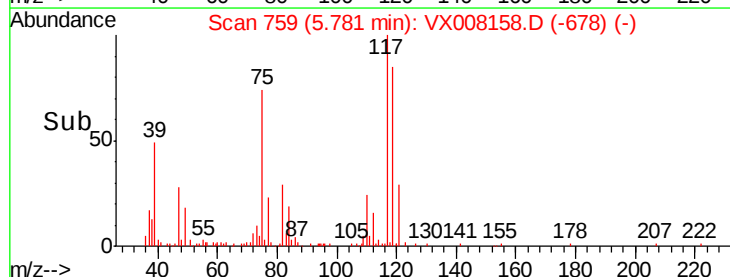
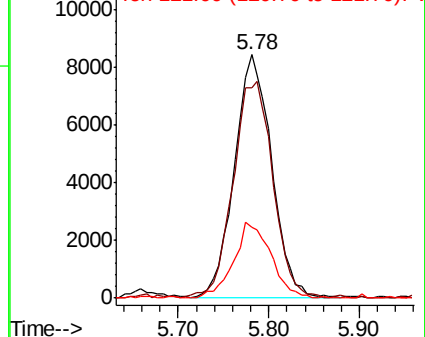


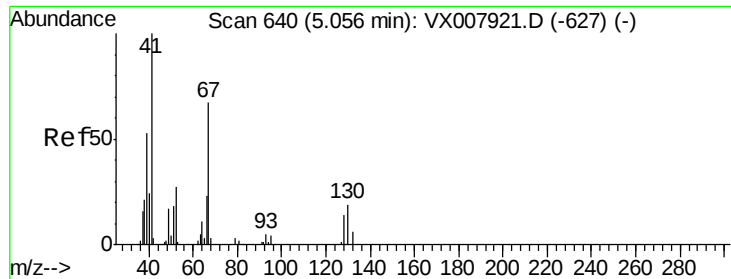
Abundance

Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V

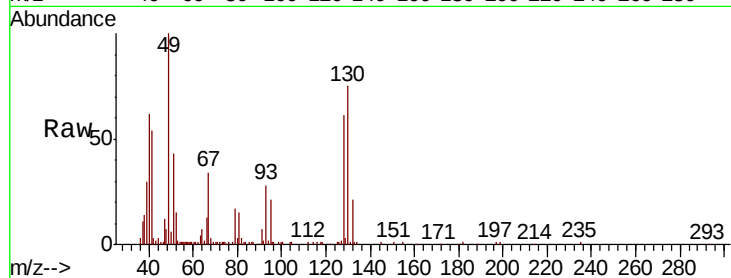




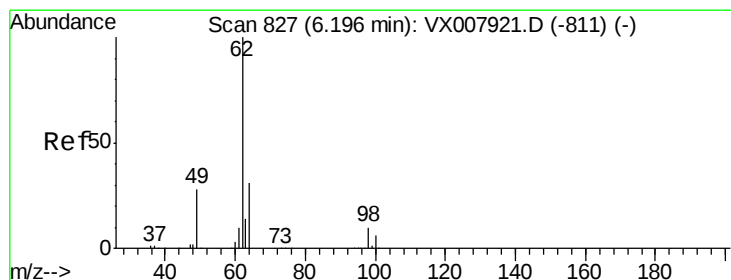
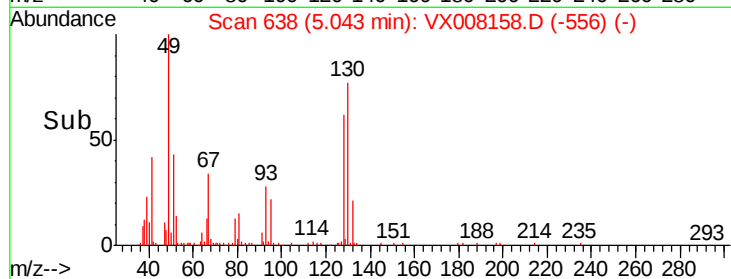
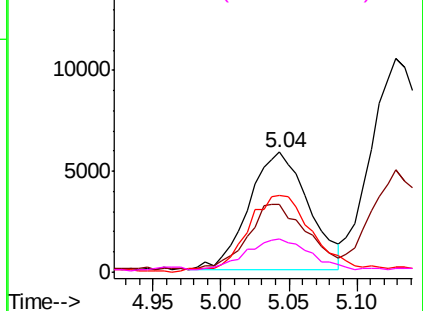
#35
Methacrylonitrile
Concen: 6.338 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX008158.D
Acq: 18 Mar 2019 10:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:	41	Resp:	18017
Ion	Ratio	Lower	Upper
41	100		
39	55.0	27.4	82.0
67	62.2	37.9	113.6
52	26.0	13.3	39.9

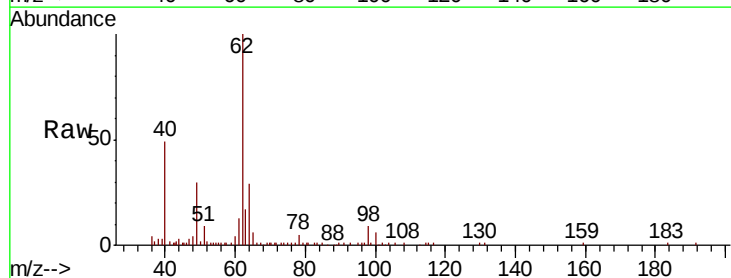


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

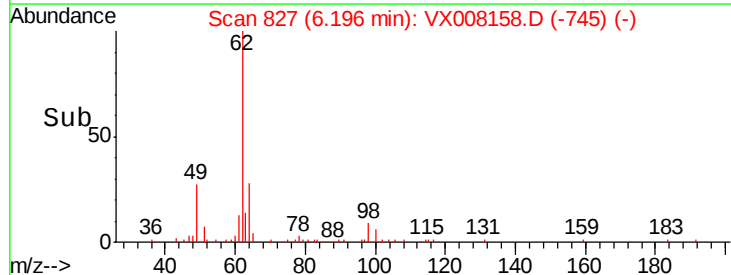
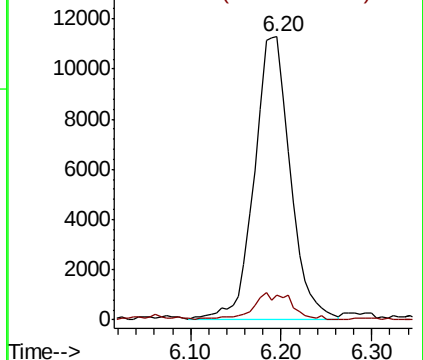


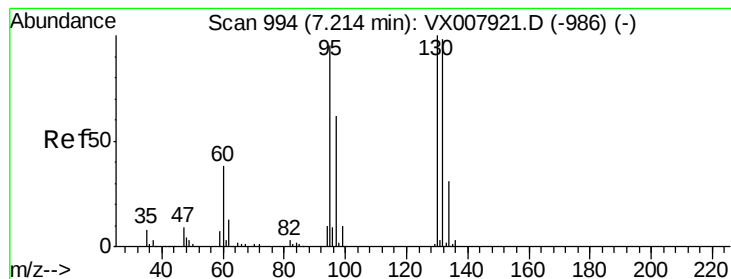
#36
1,2-Dichloroethane
Concen: 6.726 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX008158.D
Acq: 18 Mar 2019 10:27

Tgt Ion:	62	Resp:	31058
Ion	Ratio	Lower	Upper
62	100		
98	4.0	7.8	11.8#



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





#37

Trichloroethene

Concen: 6.661 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.01 min

Lab File: VX008158.D

Acq: 18 Mar 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

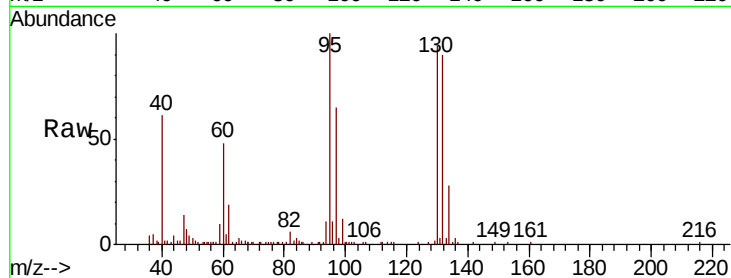
VSTDIC005

Tgt Ion:130 Resp: 19689

Ion Ratio Lower Upper

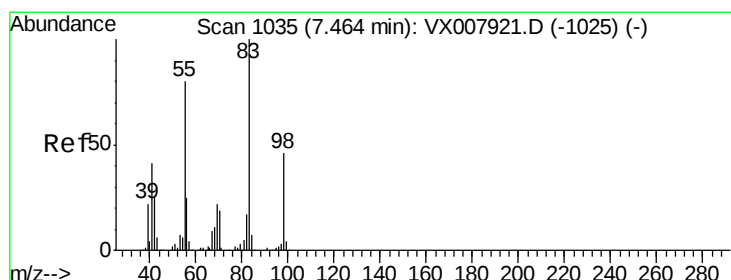
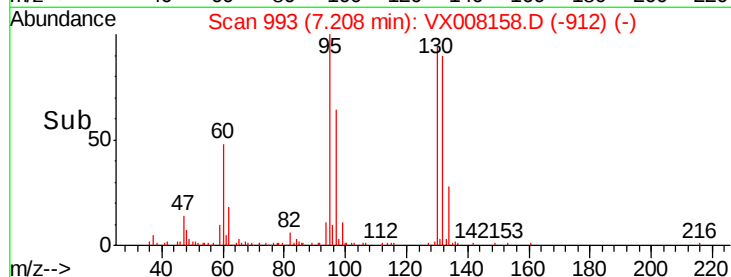
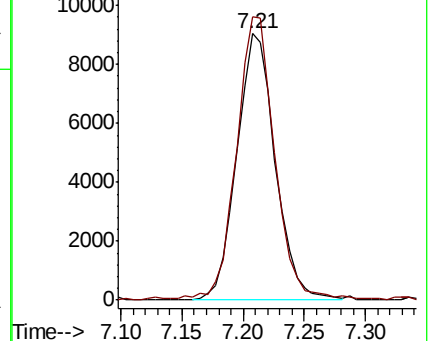
130 100

95 105.6 71.3 106.9



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 6.682 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. -0.01 min

Lab File: VX008158.D

Acq: 18 Mar 2019 10:27

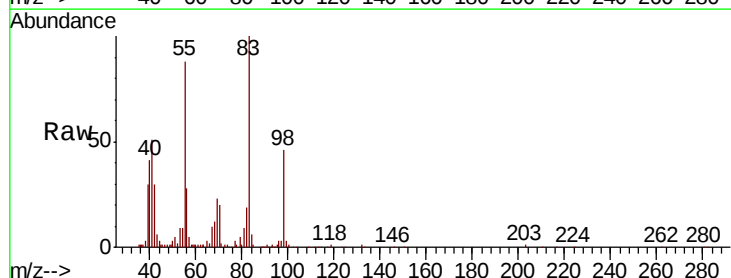
Tgt Ion: 83 Resp: 33236

Ion Ratio Lower Upper

83 100

55 86.4 36.0 108.0

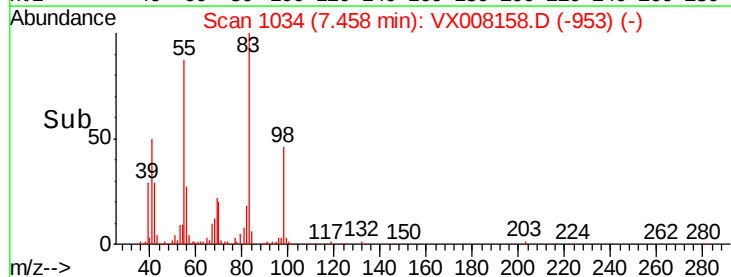
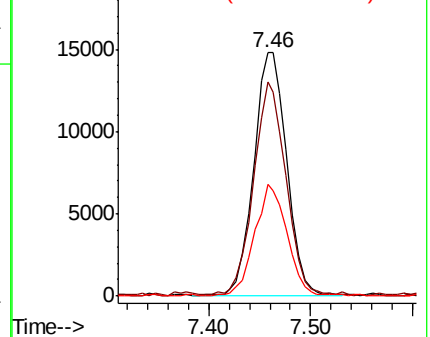
98 45.5 23.8 71.4

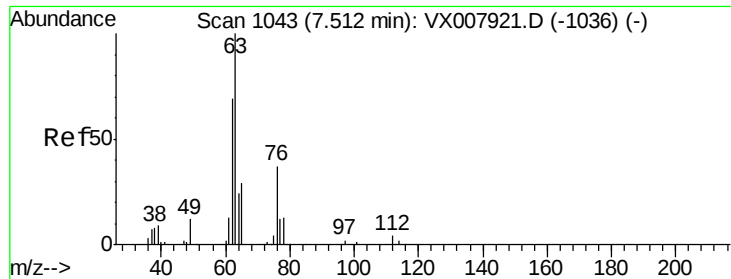


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

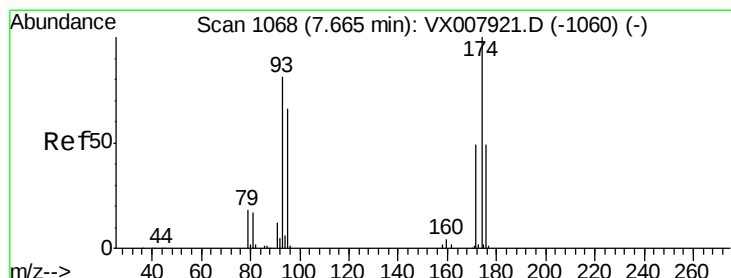
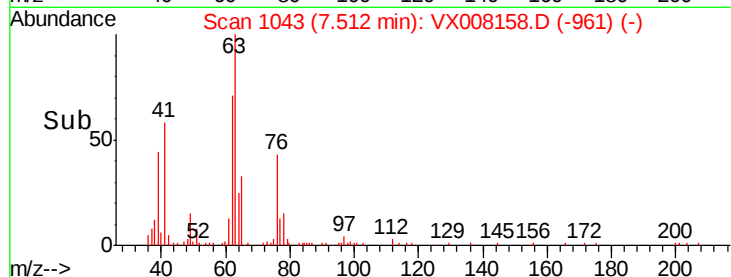
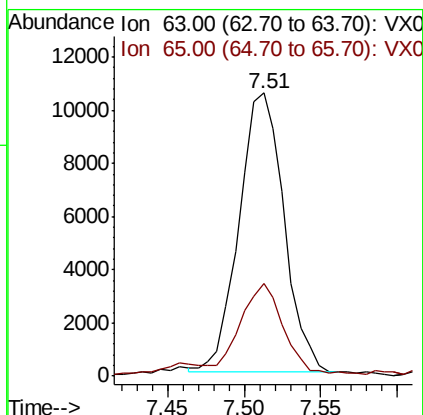
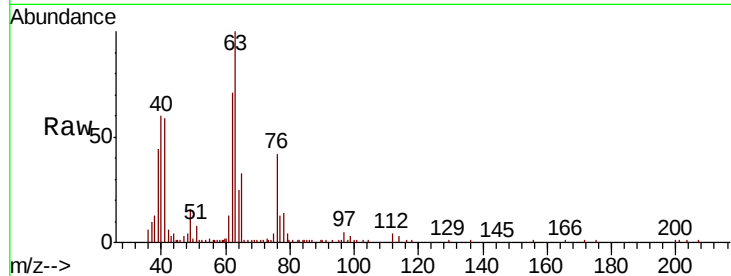




#39
 1,2-Dichloropropane
 Concen: 6.297 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX008158.D
 Acq: 18 Mar 2019 10:27

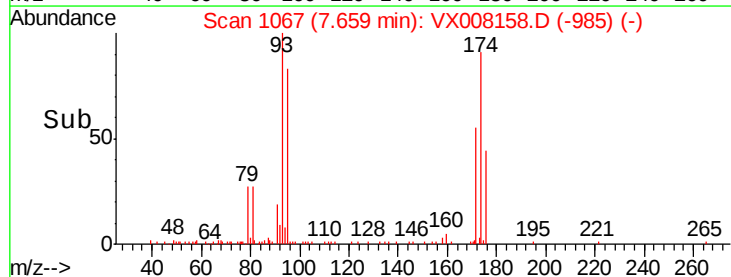
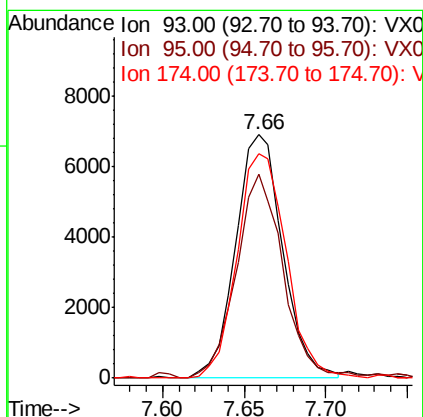
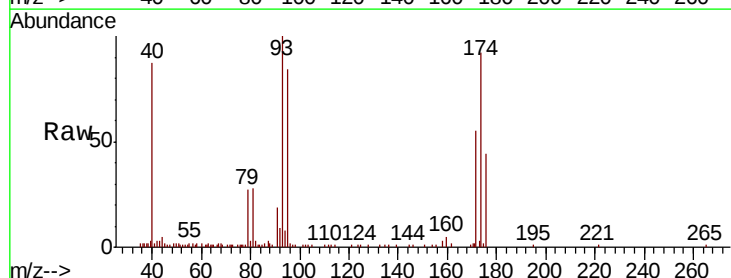
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

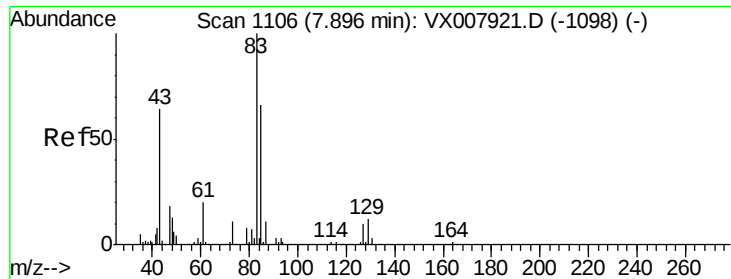
Tgt Ion: 63 Resp: 21492
 Ion Ratio Lower Upper
 63 100
 65 31.7 24.6 37.0



#40
 Dibromomethane
 Concen: 6.671 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX008158.D
 Acq: 18 Mar 2019 10:27

Tgt Ion: 93 Resp: 13918
 Ion Ratio Lower Upper
 93 100
 95 82.4 0.0 158.8
 174 96.0 0.0 224.2

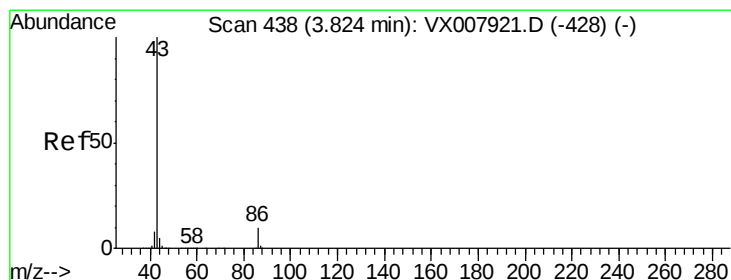
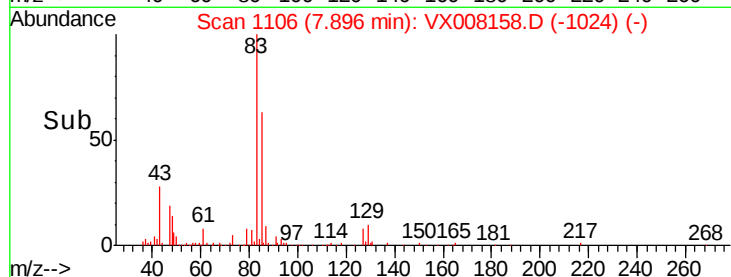
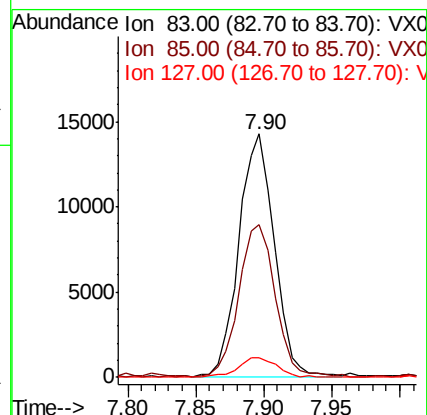
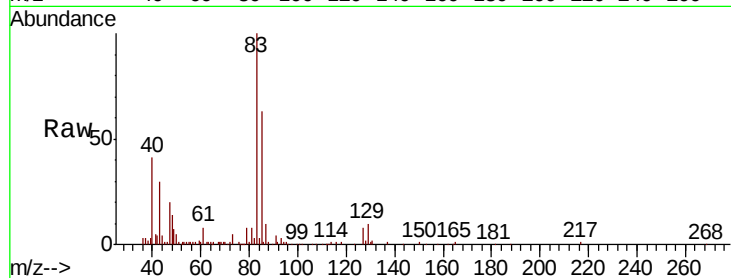




#41
 Bromodichloromethane
 Concen: 6.505 ug/l
 RT: 7.90 min Scan# 1106
 Delta R.T. -0.00 min
 Lab File: VX008158.D
 Acq: 18 Mar 2019 10:27

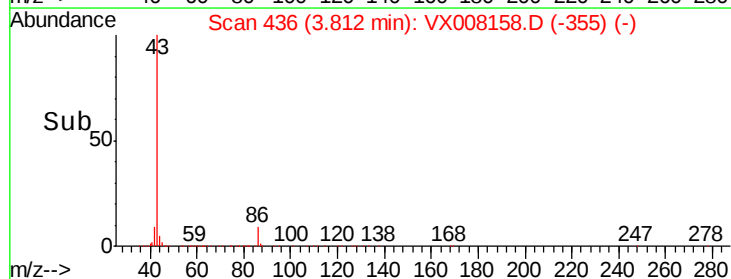
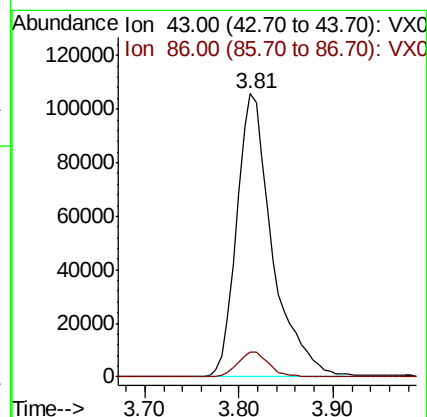
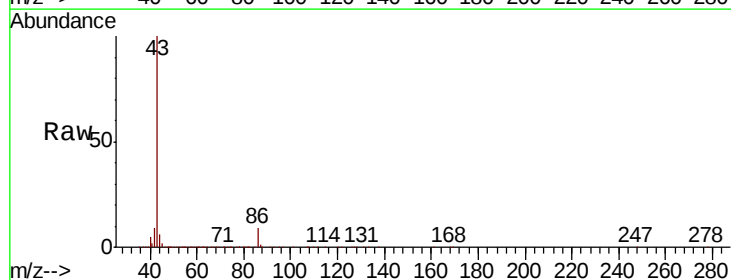
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

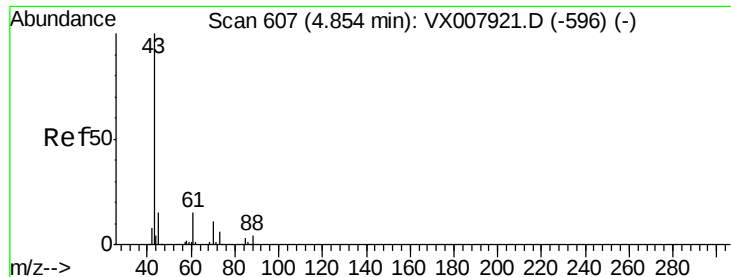
Tgt Ion: 83 Resp: 26078
 Ion Ratio Lower Upper
 83 100
 85 62.4 51.1 76.7
 127 7.9 7.2 10.8



#42
 Vinyl Acetate
 Concen: 28.326 ug/l
 RT: 3.81 min Scan# 436
 Delta R.T. -0.01 min
 Lab File: VX008158.D
 Acq: 18 Mar 2019 10:27

Tgt Ion: 43 Resp: 277588
 Ion Ratio Lower Upper
 43 100
 86 7.8 8.2 12.2#

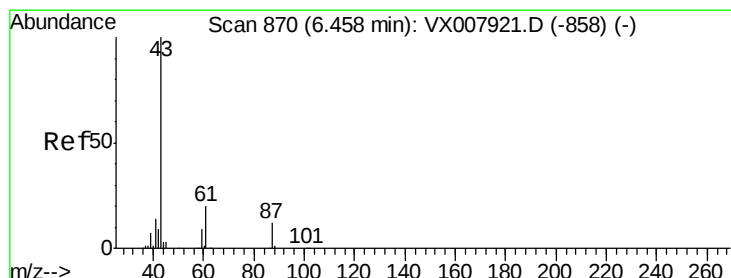
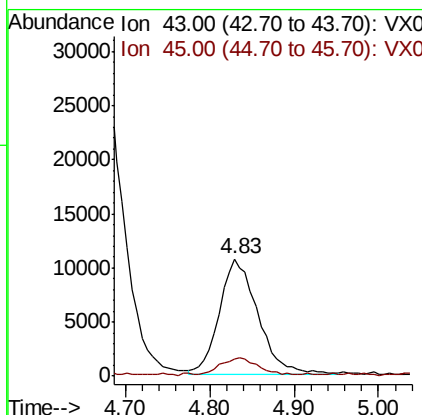
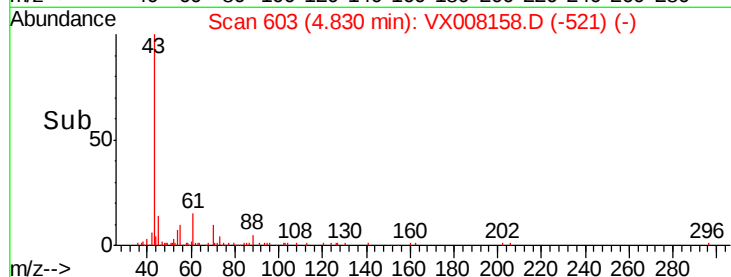
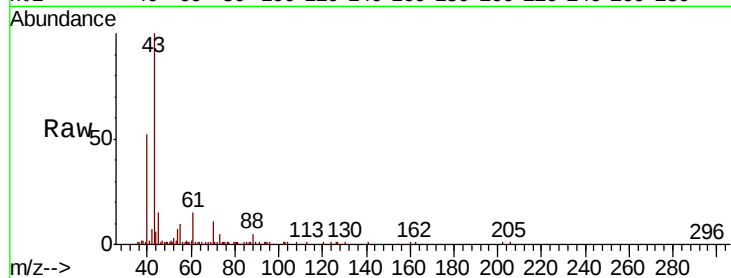




#43
Ethyl Acetate
Concen: 6.325 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.00 min
Lab File: VX008158.D
Acq: 18 Mar 2019 10:27

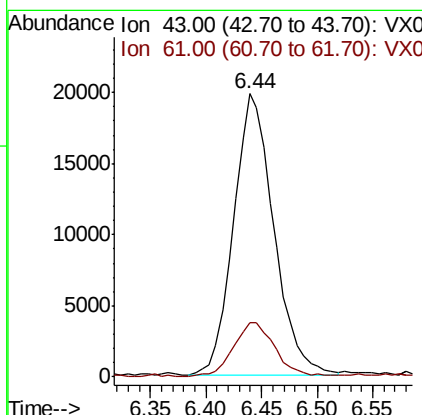
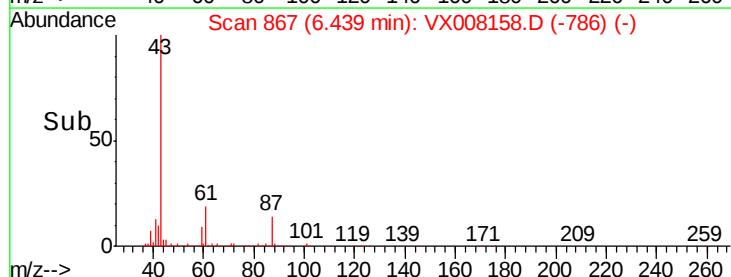
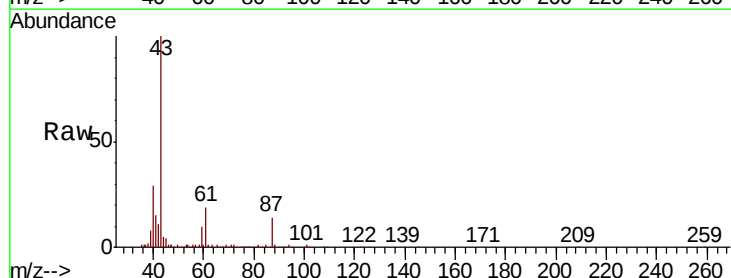
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

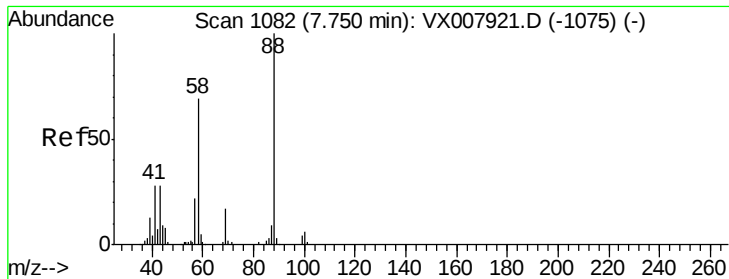
Tgt Ion: 43 Resp: 33750
Ion Ratio Lower Upper
43 100
45 14.0 6.9 10.3#



#44
Isopropyl Acetate
Concen: 6.257 ug/l
RT: 6.44 min Scan# 867
Delta R.T. -0.01 min
Lab File: VX008158.D
Acq: 18 Mar 2019 10:27

Tgt Ion: 43 Resp: 49610
Ion Ratio Lower Upper
43 100
61 19.9 16.1 24.1

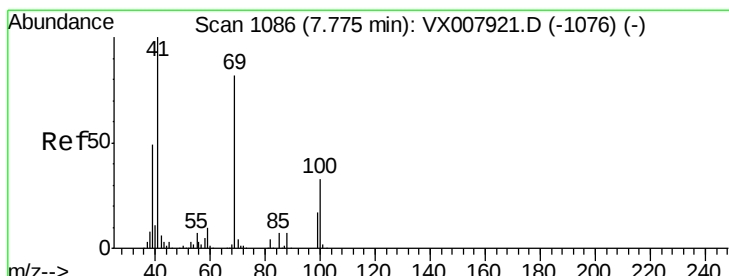
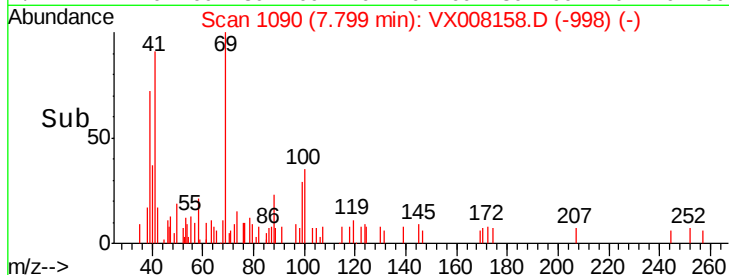
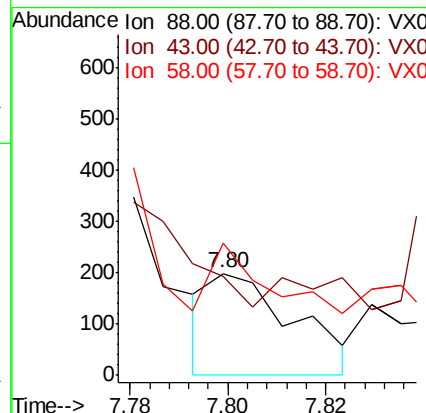
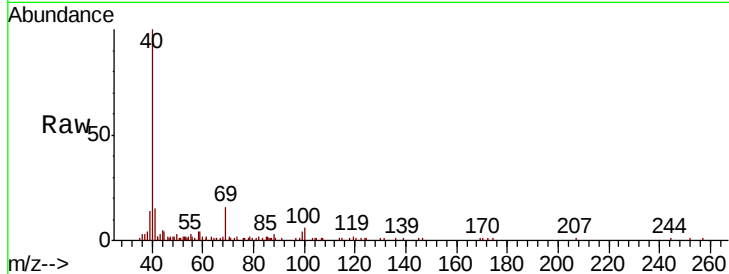




#45
 1,4-Dioxane
 Concen: 3.140 ug/l
 RT: 7.80 min Scan# 1090
 Delta R.T. 0.06 min
 Lab File: VX008158.D
 Acq: 18 Mar 2019 10:27

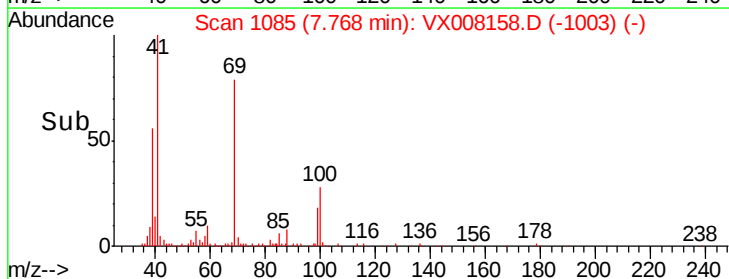
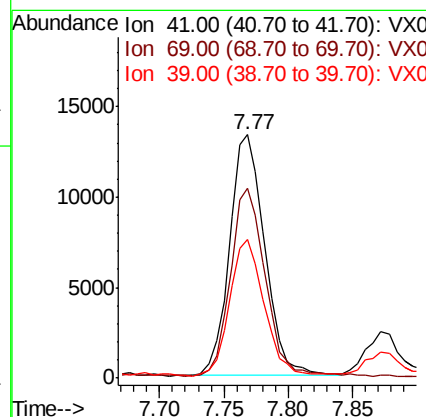
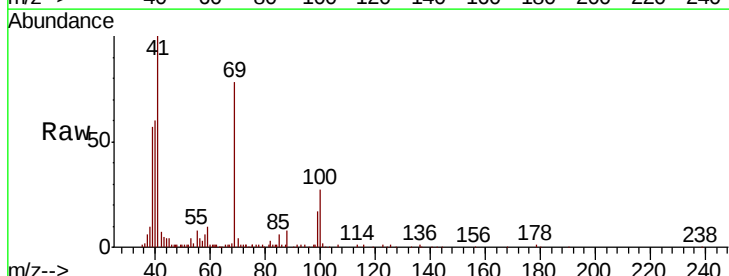
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

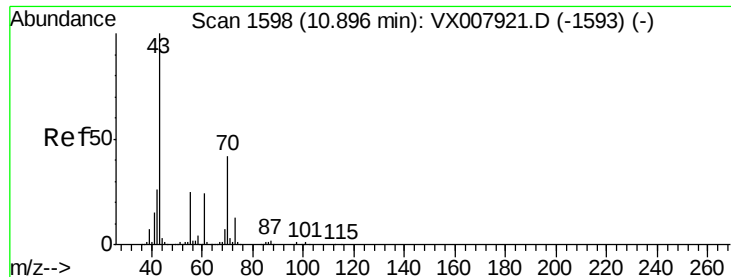
Tgt Ion: 88 Resp: 237
 Ion Ratio Lower Upper
 88 100
 43 25.7 23.6 35.4
 58 63.3 51.6 77.4



#46
 Methyl methacrylate
 Concen: 6.034 ug/l
 RT: 7.77 min Scan# 1085
 Delta R.T. -0.00 min
 Lab File: VX008158.D
 Acq: 18 Mar 2019 10:27

Tgt Ion: 41 Resp: 25398
 Ion Ratio Lower Upper
 41 100
 69 77.9 44.2 132.6
 39 56.7 29.9 89.8

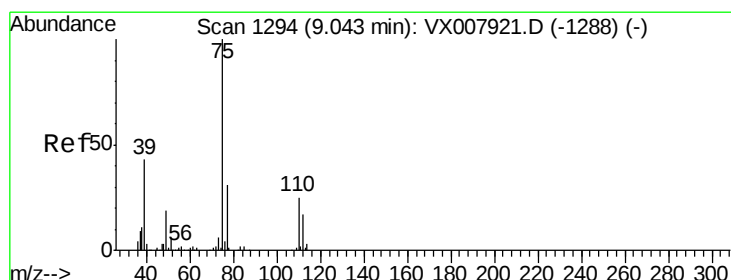
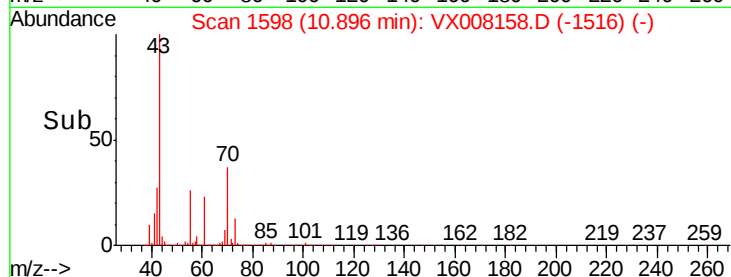
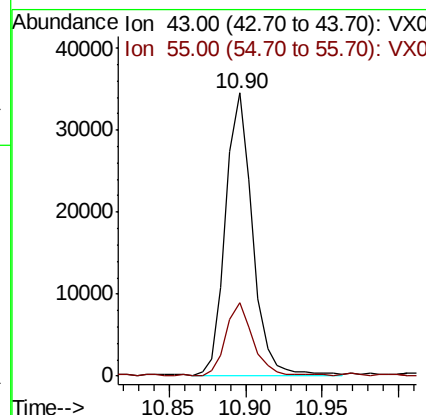
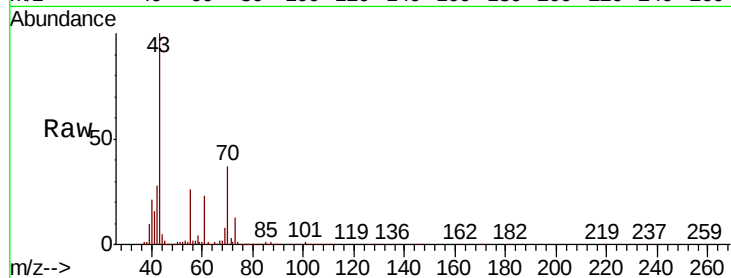




#47
n-amy1 Acetate
Concen: 6.094 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX008158.D
Acq: 18 Mar 2019 10:27

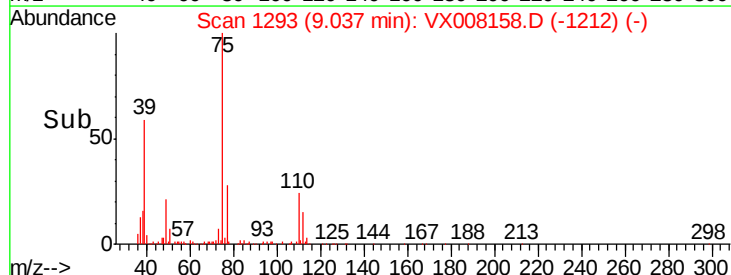
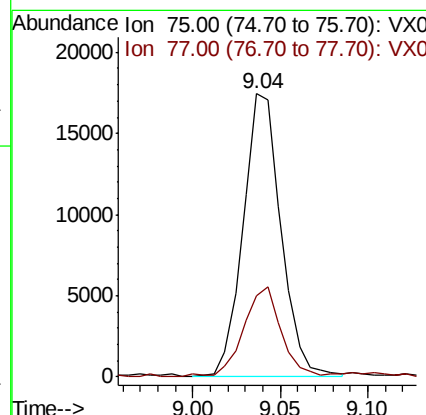
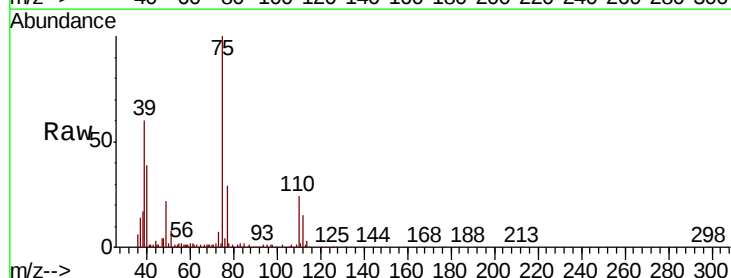
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

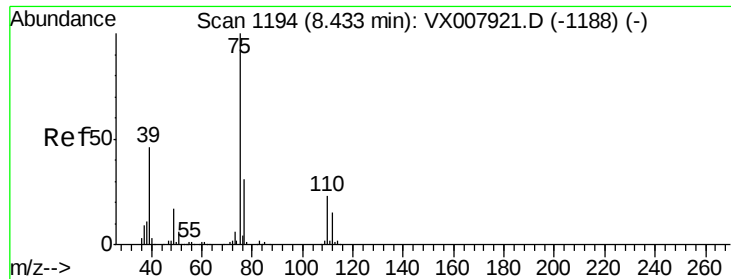
Tgt Ion: 43 Resp: 41864
Ion Ratio Lower Upper
43 100
55 26.0 20.8 31.2



#48
t-1,3-Dichloropropene
Concen: 6.184 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. -0.01 min
Lab File: VX008158.D
Acq: 18 Mar 2019 10:27

Tgt Ion: 75 Resp: 26315
Ion Ratio Lower Upper
75 100
77 27.8 24.5 36.7

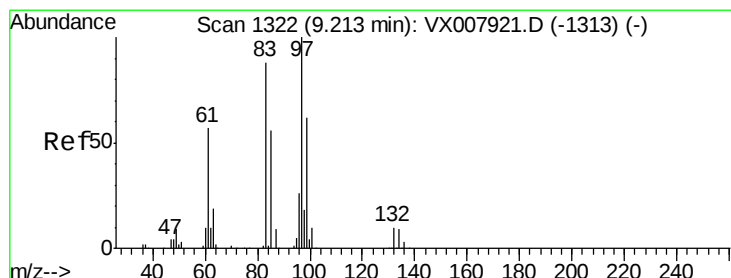
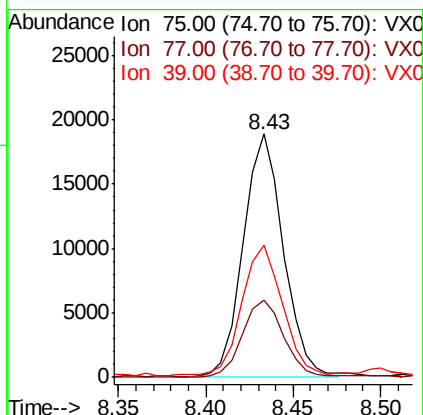
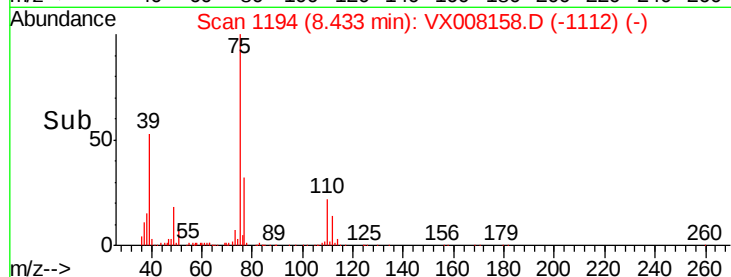
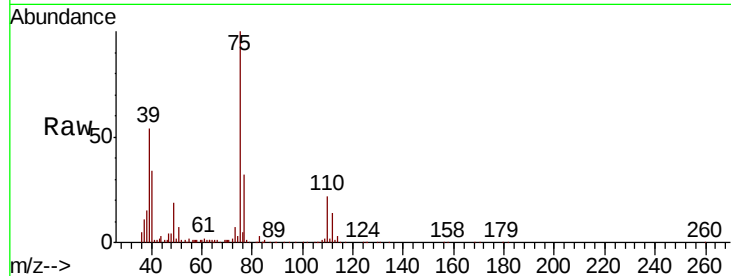




#49
 cis-1,3-Dichloropropene
 Concen: 6.276 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX008158.D
 Acq: 18 Mar 2019 10:27

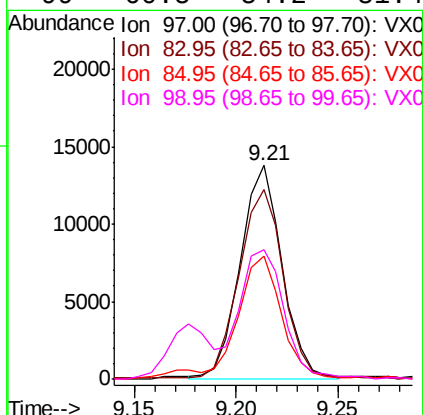
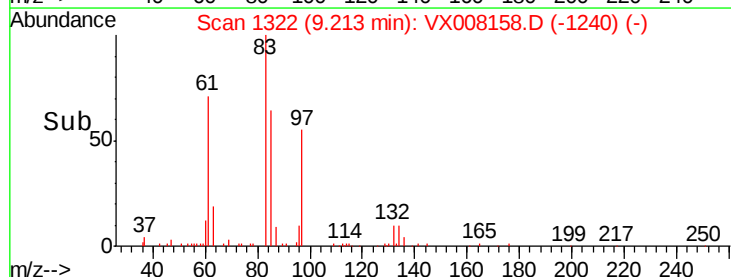
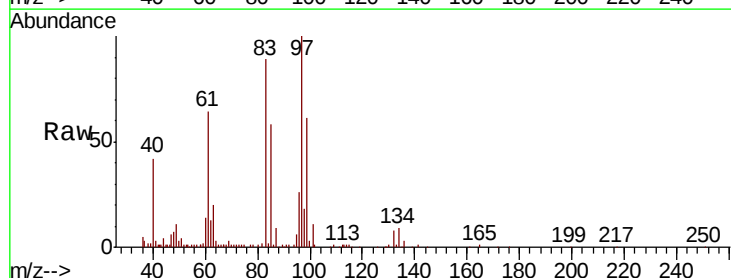
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

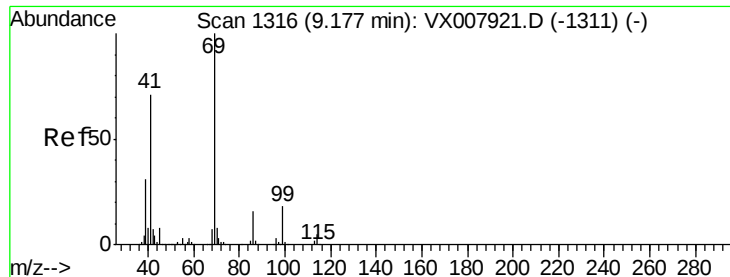
Tgt Ion: 75 Resp: 30019
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.0 37.4
 39 53.2 38.5 57.7



#50
 1,1,2-Trichloroethane
 Concen: 6.565 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008158.D
 Acq: 18 Mar 2019 10:27

Tgt Ion: 97 Resp: 19710
 Ion Ratio Lower Upper
 97 100
 83 89.4 72.0 108.0
 85 57.7 45.0 67.6
 99 60.5 54.2 81.4





#51

Ethyl methacrylate

Concen: 6.041 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX008158.D

Acq: 18 Mar 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

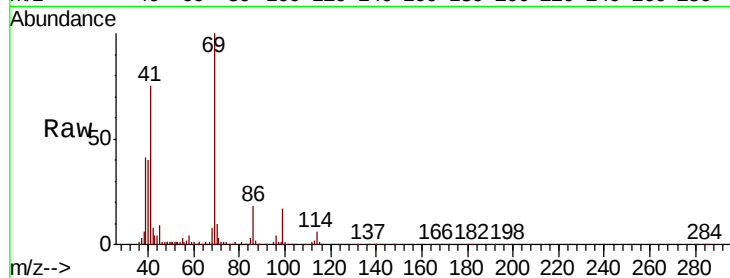
Tgt Ion: 69 Resp: 28969

Ion Ratio Lower Upper

69 100

41 74.4 32.1 96.5

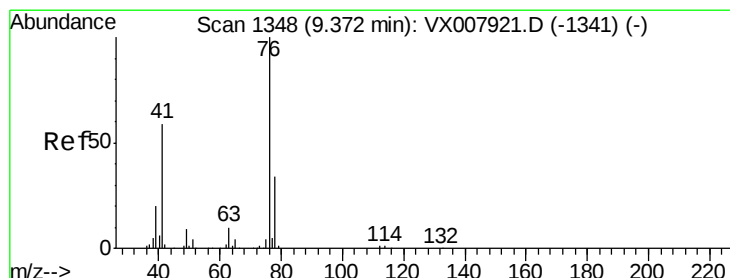
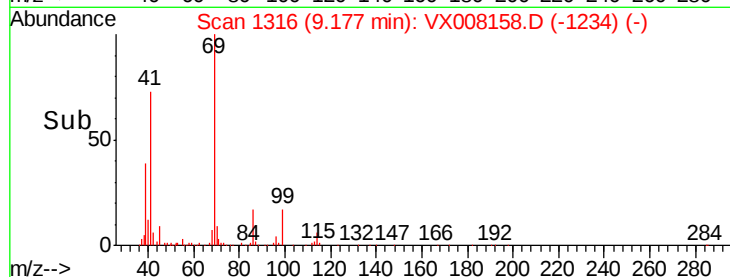
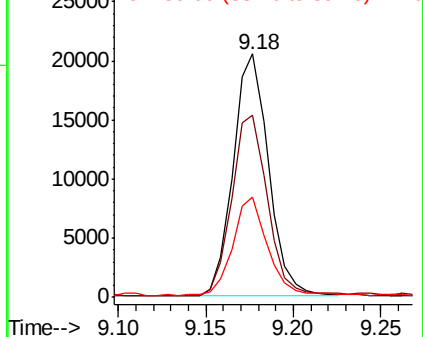
39 40.2 18.8 56.3



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: 6.498 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.01 min

Lab File: VX008158.D

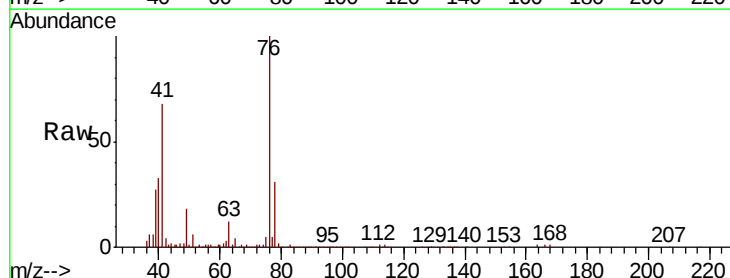
Acq: 18 Mar 2019 10:27

Tgt Ion: 76 Resp: 35498

Ion Ratio Lower Upper

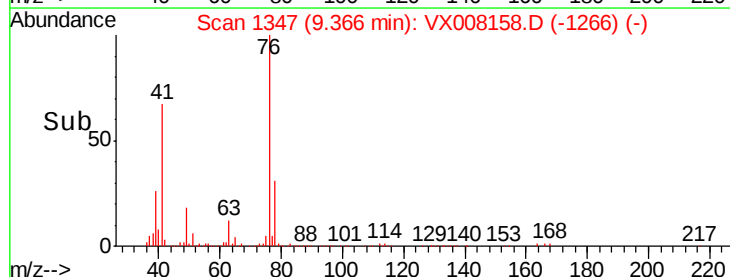
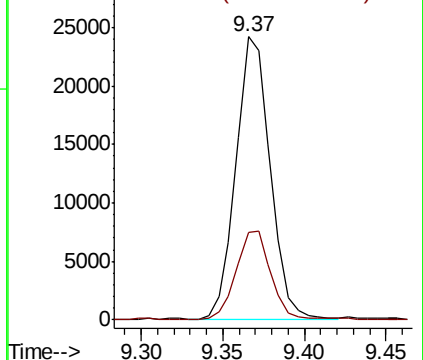
76 100

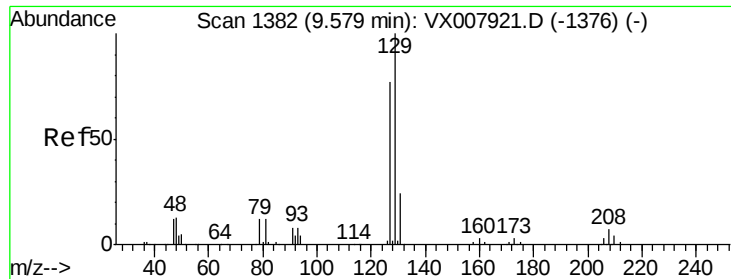
78 31.6 0.0 65.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 6.325 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VX008158.D

Acq: 18 Mar 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

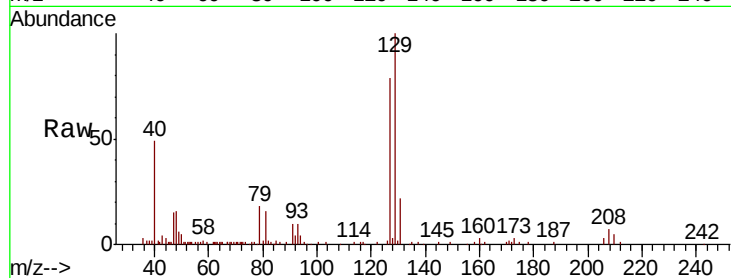
VSTDIC005

Tgt Ion:129 Resp: 18133

Ion Ratio Lower Upper

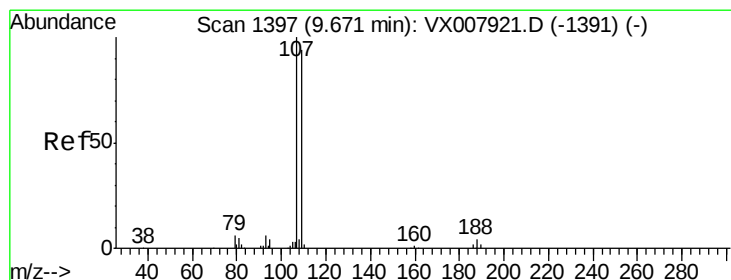
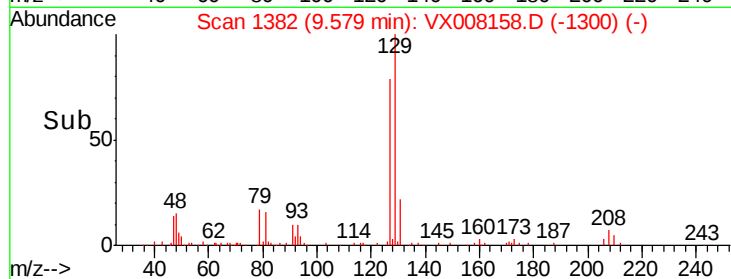
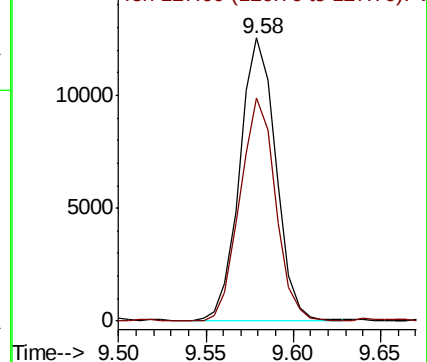
129 100

127 77.0 38.4 115.2



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 6.387 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008158.D

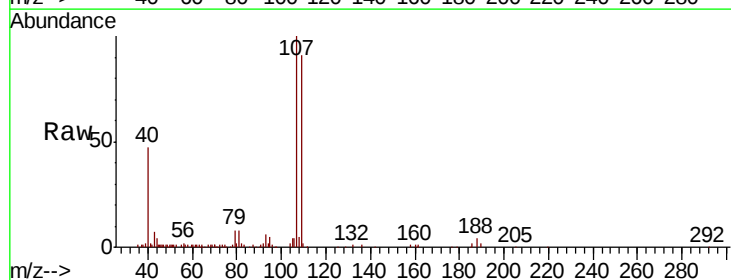
Acq: 18 Mar 2019 10:27

Tgt Ion:107 Resp: 20538

Ion Ratio Lower Upper

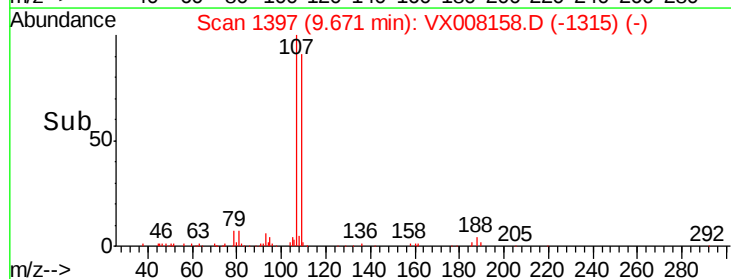
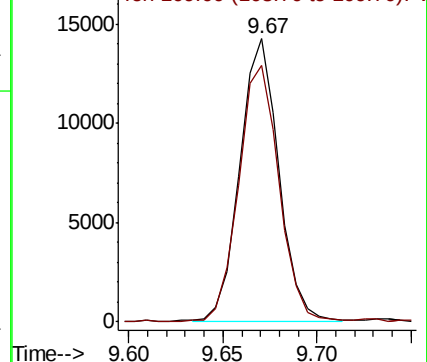
107 100

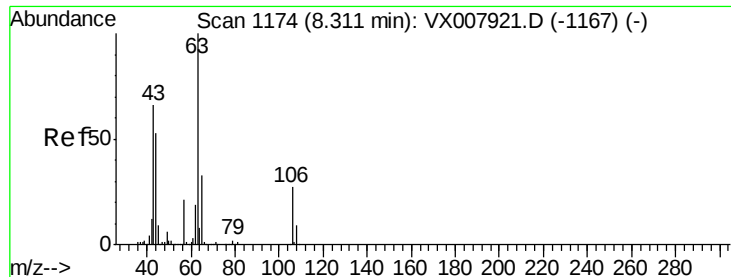
109 93.6 76.6 115.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

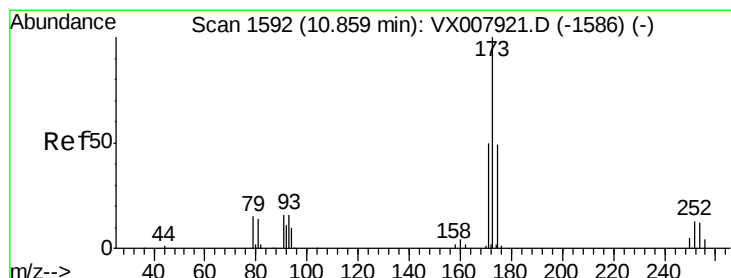
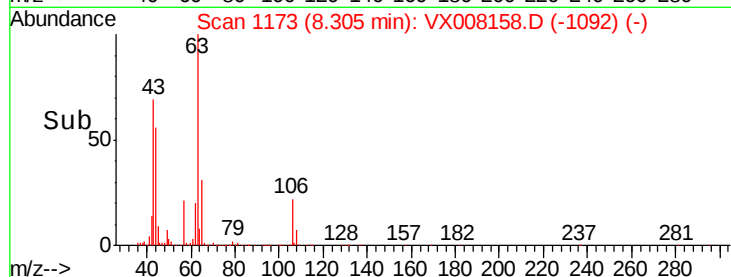
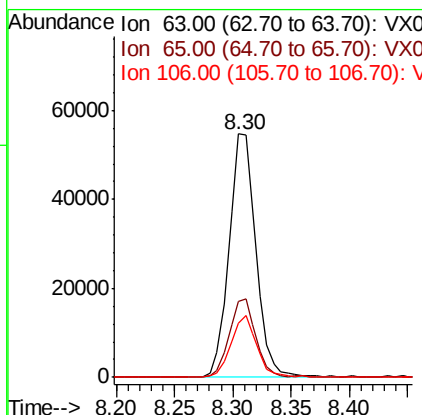
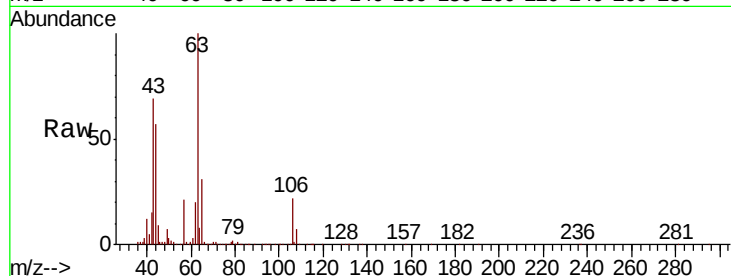




#55
2-Chloroethyl vinyl ether
Concen: 24.508 ug/l
RT: 8.30 min Scan# 1173
Delta R.T. -0.01 min
Lab File: VX008158.D
Acq: 18 Mar 2019 10:27

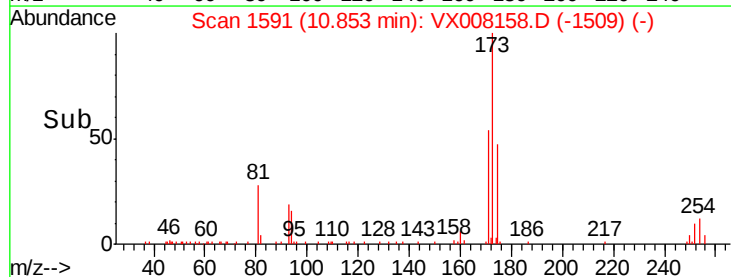
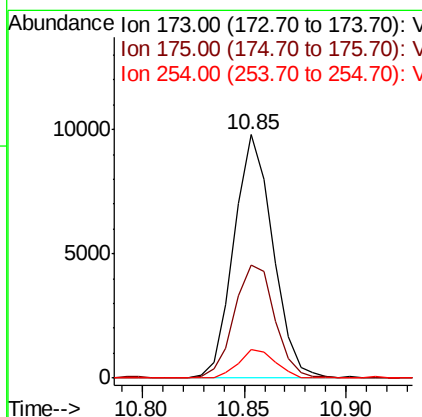
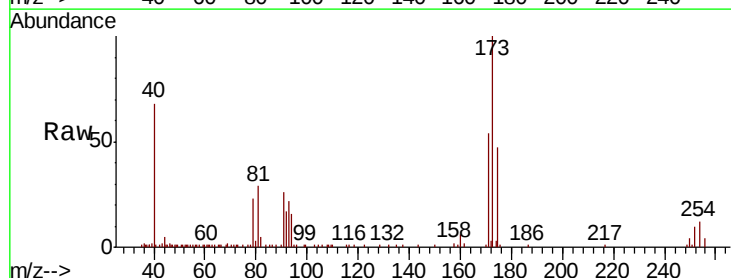
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

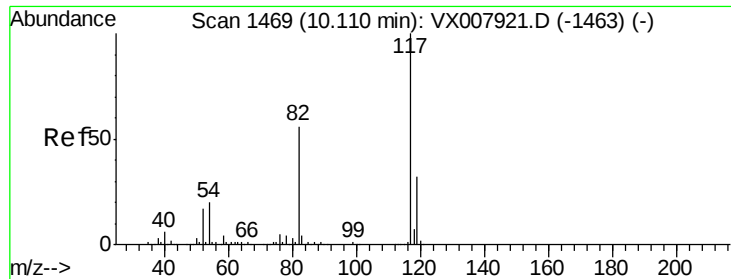
Tgt Ion: 63 Resp: 87701
Ion Ratio Lower Upper
63 100
65 31.3 25.7 38.5
106 24.4 23.7 35.5



#56
Bromoform
Concen: 6.392 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VX008158.D
Acq: 18 Mar 2019 10:27

Tgt Ion: 173 Resp: 12994
Ion Ratio Lower Upper
173 100
175 48.5 38.5 57.7
254 11.0 7.4 11.2





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX008158.D

Acq: 18 Mar 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

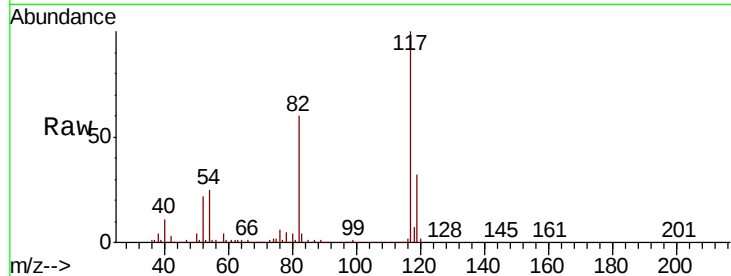
Tgt Ion:117 Resp: 285213

Ion Ratio Lower Upper

117 100

82 59.8 40.4 60.6

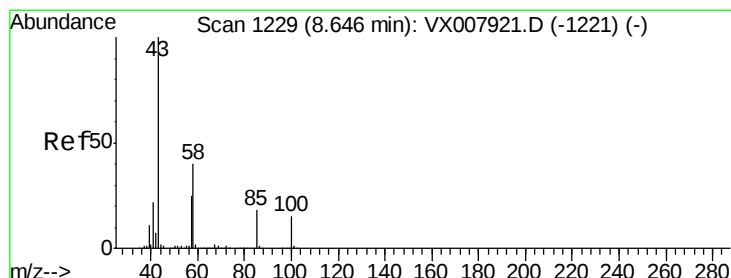
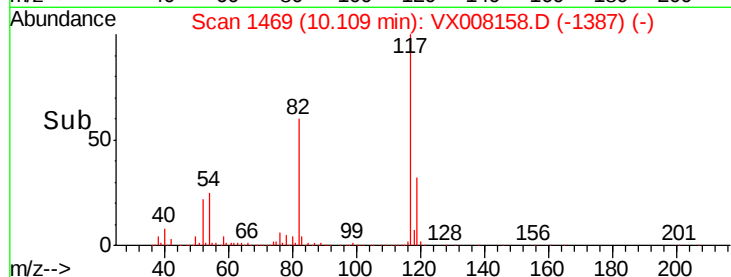
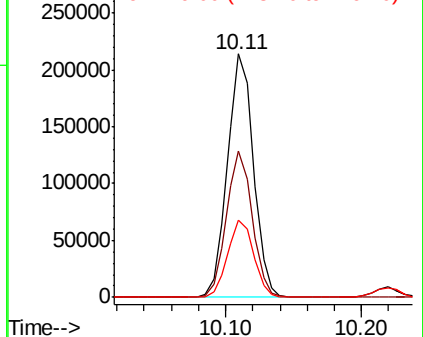
119 32.1 25.8 38.6



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 119.00 (118.70 to 119.70): V



#58

4-Methyl-2-Pentanone

Concen: 29.810 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX008158.D

Acq: 18 Mar 2019 10:27

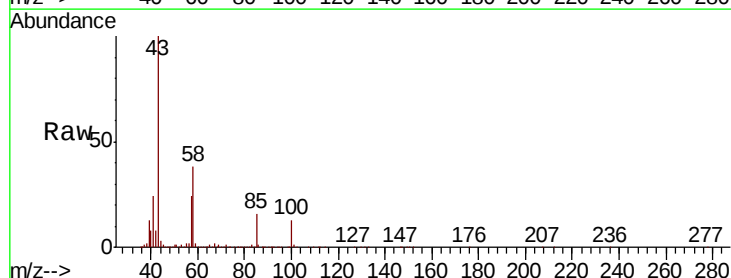
Tgt Ion: 43 Resp: 161843

Ion Ratio Lower Upper

43 100

58 37.7 31.4 47.0

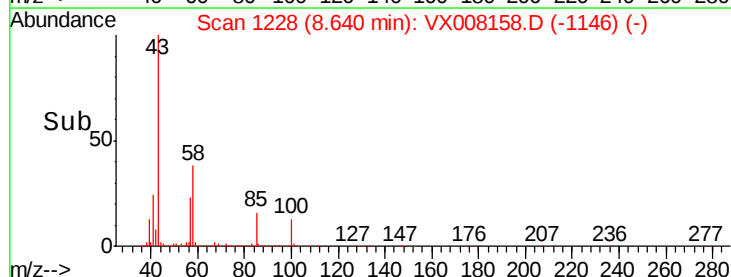
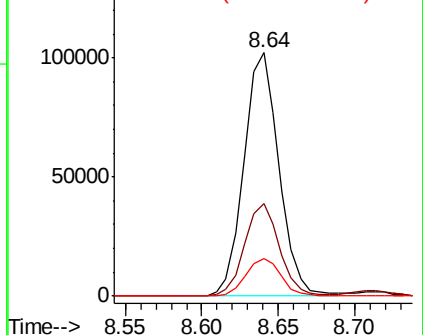
85 15.7 15.0 22.6

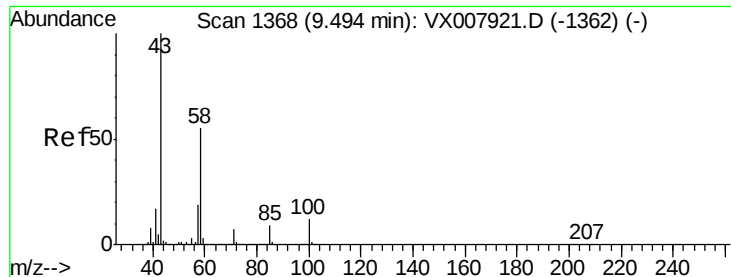


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

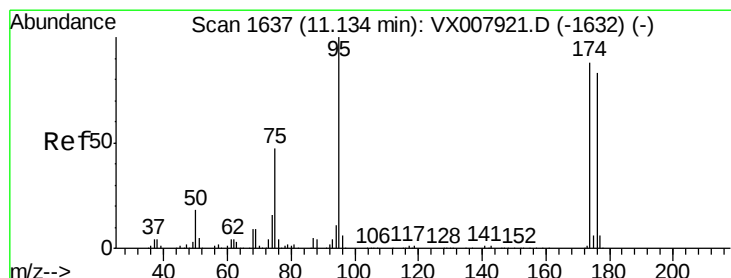
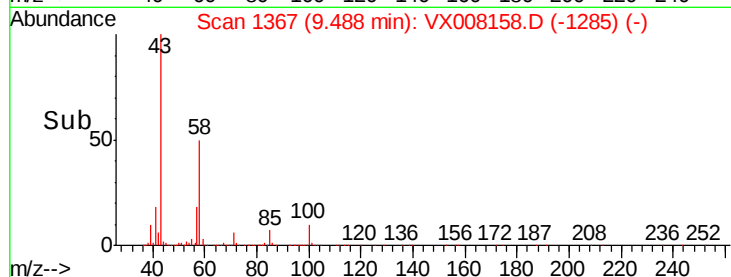
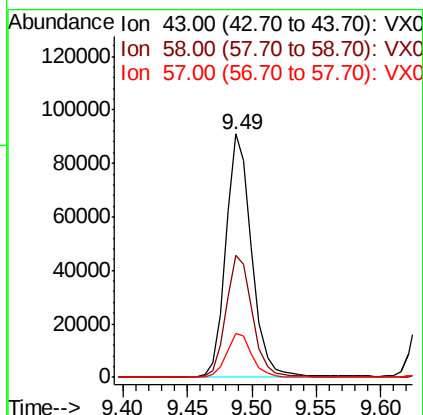
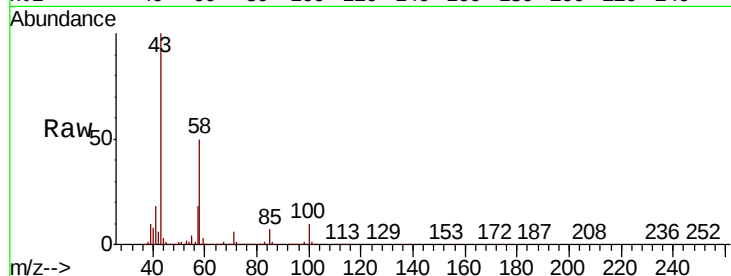




#59
2-Hexanone
Concen: 28.942 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX008158.D
Acq: 18 Mar 2019 10:27

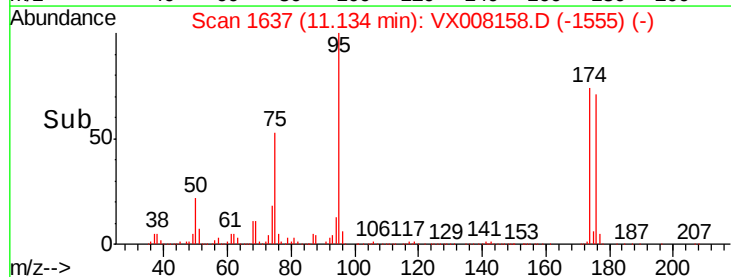
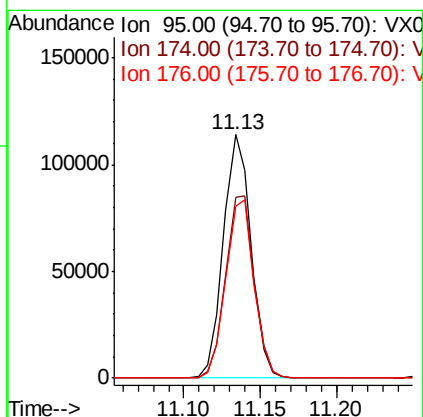
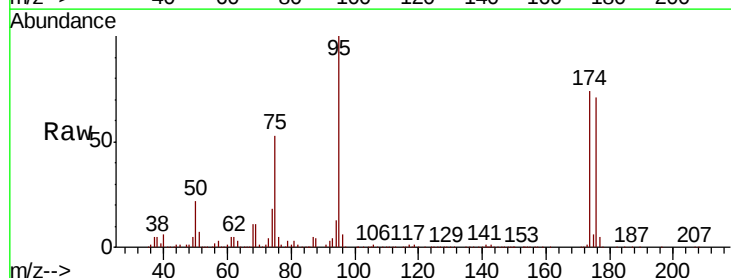
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

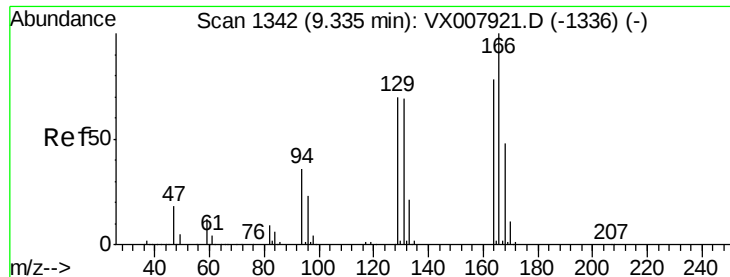
Tgt Ion: 43 Resp: 128037
Ion Ratio Lower Upper
43 100
58 50.9 43.9 65.9
57 17.4 14.9 22.3



#60
4-Bromofluorobenzene
Concen: 29.876 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008158.D
Acq: 18 Mar 2019 10:27

Tgt Ion: 95 Resp: 143287
Ion Ratio Lower Upper
95 100
174 77.2 74.9 112.3
176 74.5 70.7 106.1





#61

Tetrachloroethene

Concen: 7.121 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX008158.D

Acq: 18 Mar 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion:164 Resp: 20004

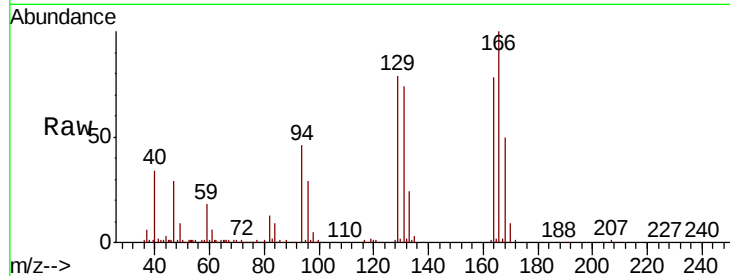
Ion Ratio Lower Upper

164 100

166 127.6 103.9 155.9

129 100.7 74.7 112.1

131 94.4 71.7 107.5

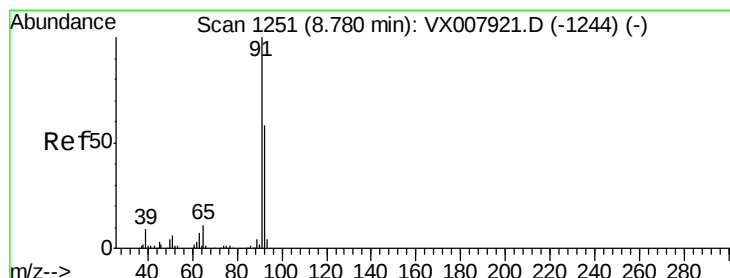
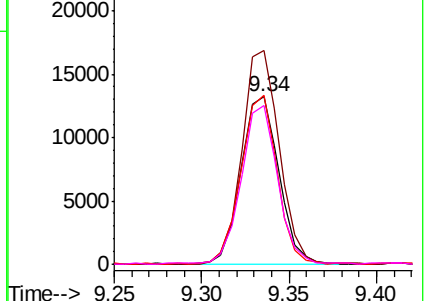
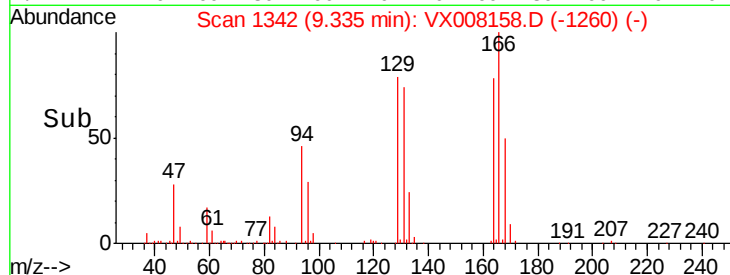


Abundance Ion 163.85 (163.55 to 164.55): V

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: 6.654 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX008158.D

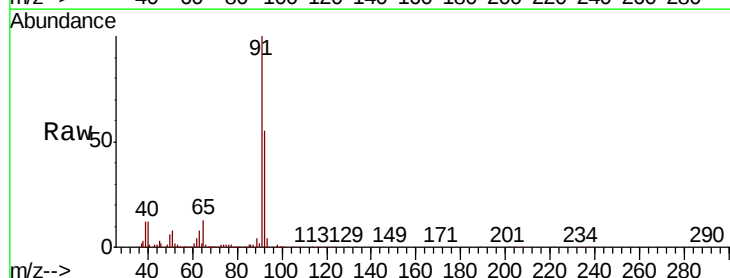
Acq: 18 Mar 2019 10:27

Tgt Ion: 91 Resp: 87179

Ion Ratio Lower Upper

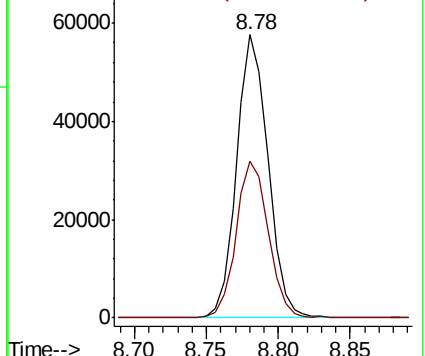
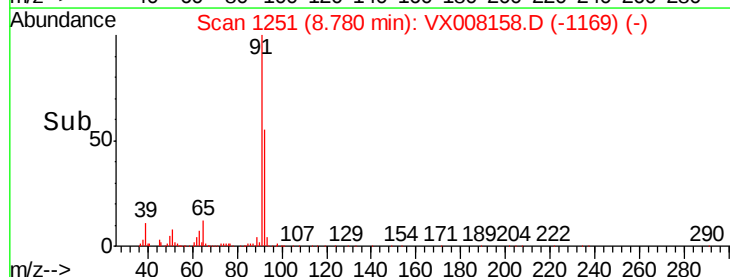
91 100

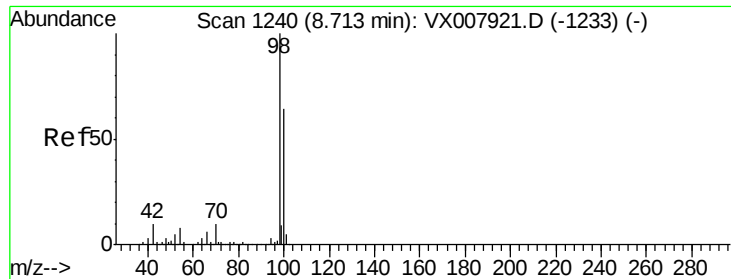
92 57.3 46.4 69.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 29.666 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008158.D

Acq: 18 Mar 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

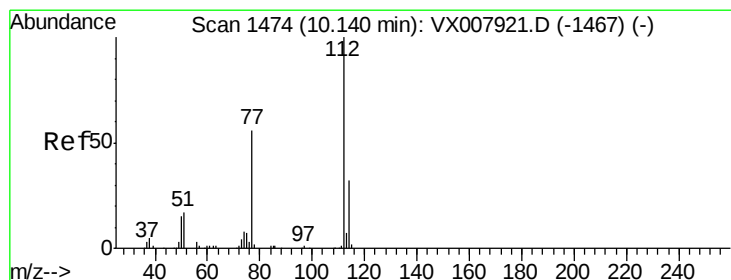
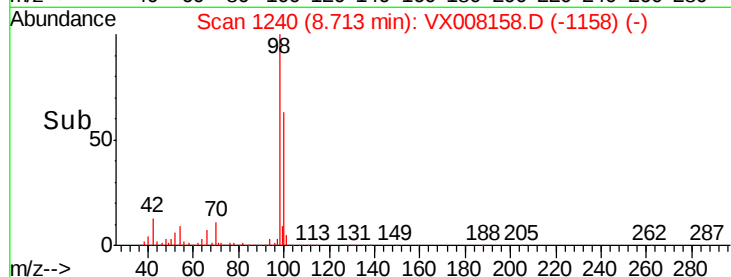
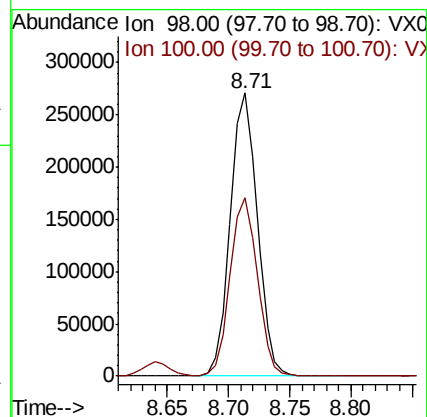
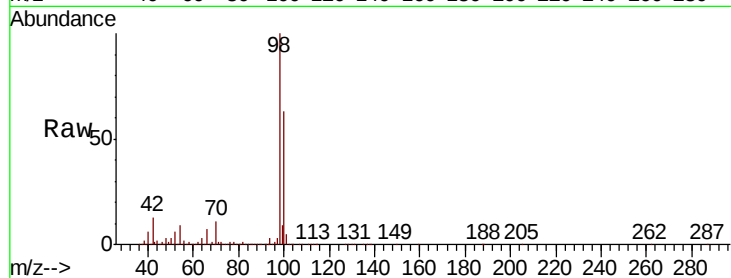
VSTDIC005

Tgt Ion: 98 Resp: 415130

Ion Ratio Lower Upper

98 100

100 62.8 50.9 76.3



#64

Chlorobenzene

Concen: 6.620 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.00 min

Lab File: VX008158.D

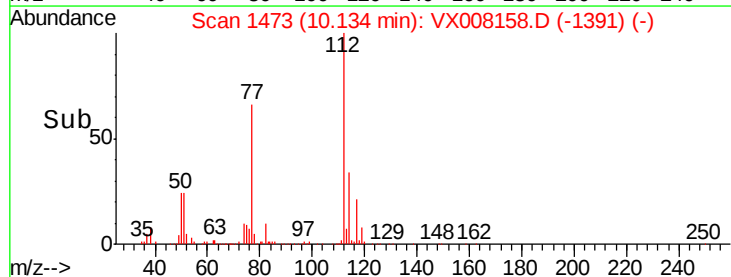
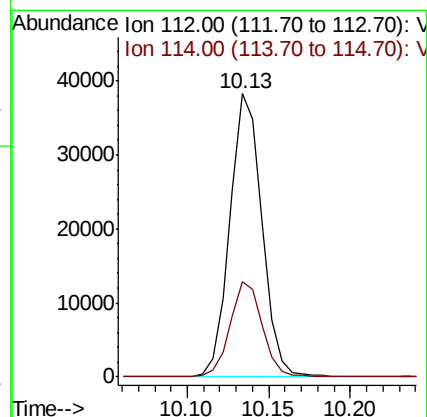
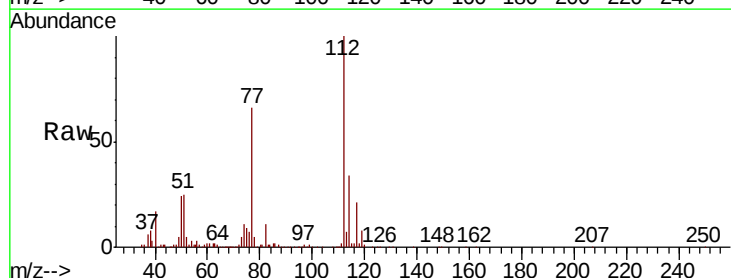
Acq: 18 Mar 2019 10:27

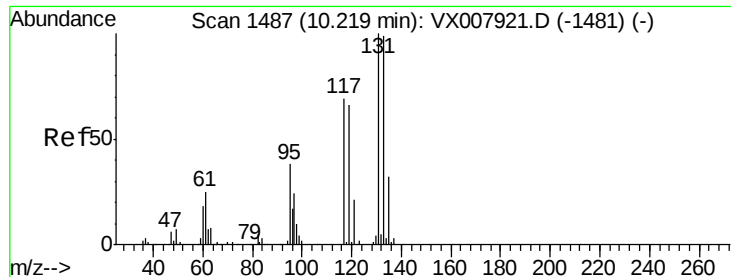
Tgt Ion: 112 Resp: 51889

Ion Ratio Lower Upper

112 100

114 33.7 25.4 38.2





#65

1,1,1,2-Tetrachloroethane

Concen: 6.628 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX008158.D

Acq: 18 Mar 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

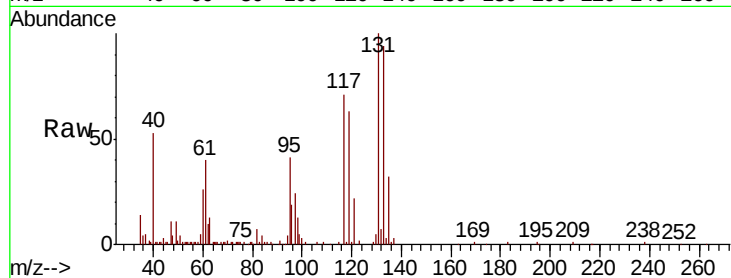
Tgt Ion:131 Resp: 17840

Ion Ratio Lower Upper

131 100

133 94.5 0.0 191.6

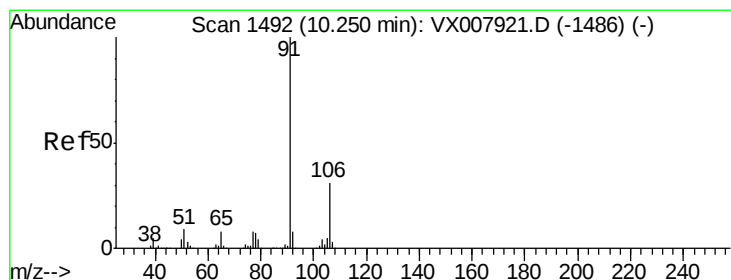
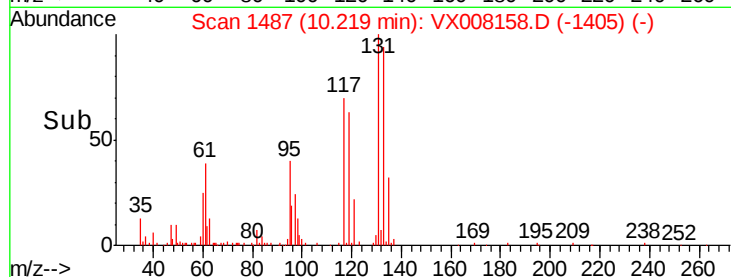
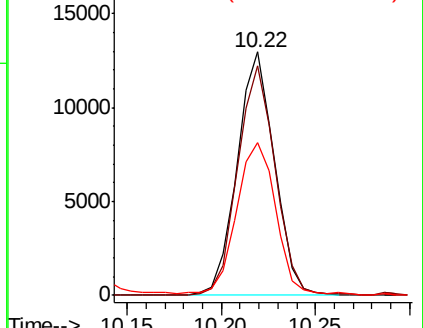
119 65.7 0.0 127.4



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: 6.679 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX008158.D

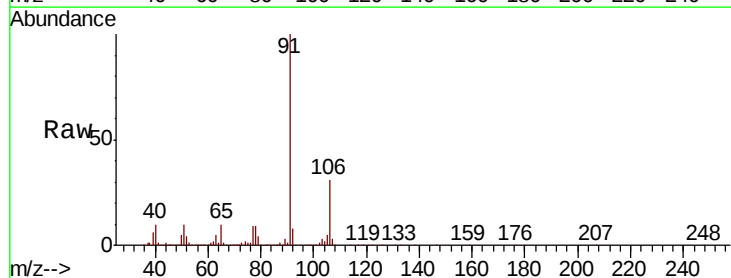
Acq: 18 Mar 2019 10:27

Tgt Ion: 91 Resp: 92089

Ion Ratio Lower Upper

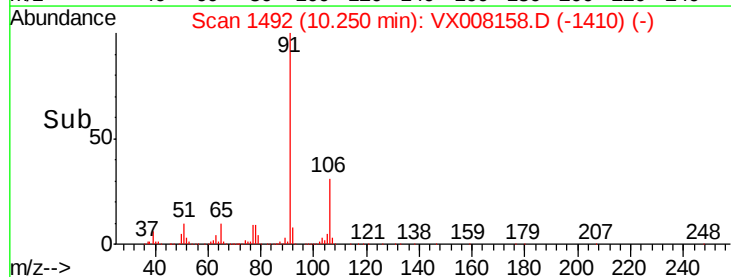
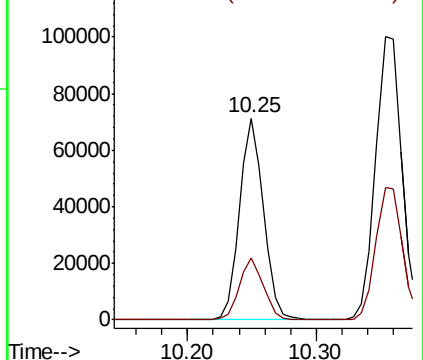
91 100

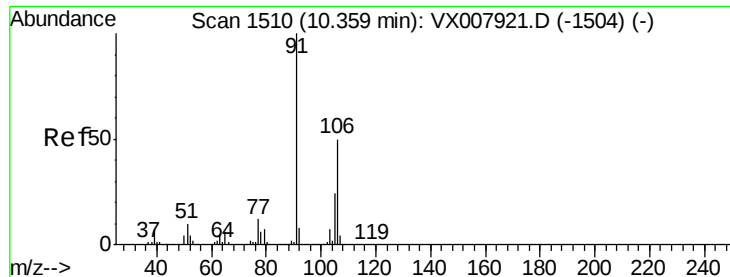
106 30.7 26.0 39.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 13.044 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VX008158.D

Acq: 18 Mar 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

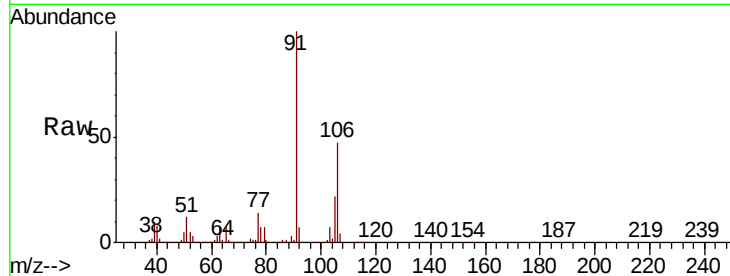
VSTDIC005

Tgt Ion:106 Resp: 66488

Ion Ratio Lower Upper

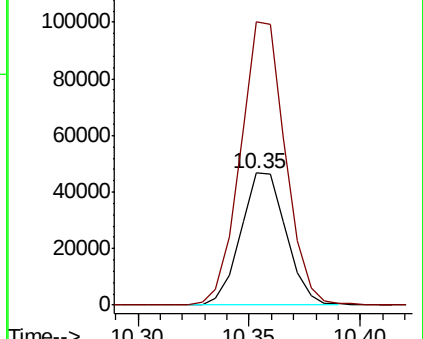
106 100

91 210.6 157.0 235.4

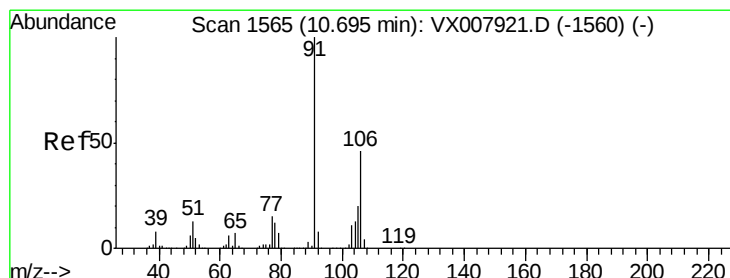
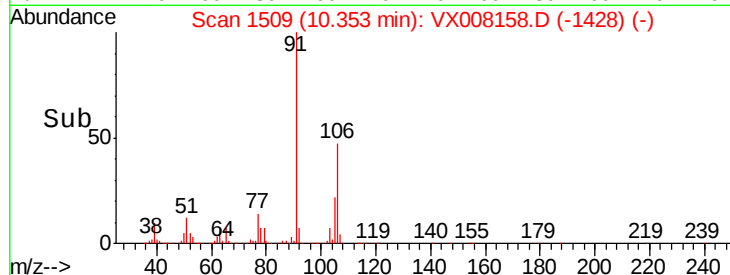


Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



Time-->



#68

o-Xylene

Concen: 6.623 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. -0.00 min

Lab File: VX008158.D

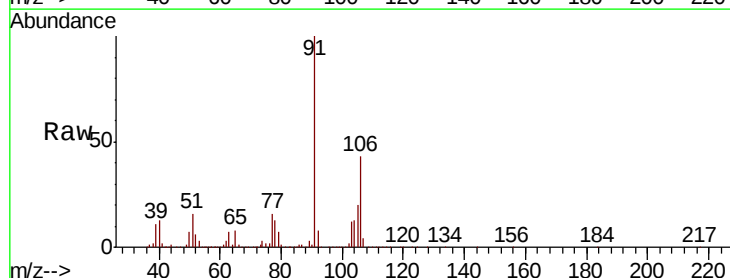
Acq: 18 Mar 2019 10:27

Tgt Ion:106 Resp: 32576

Ion Ratio Lower Upper

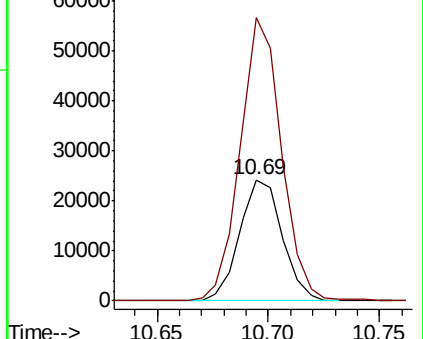
106 100

91 224.9 104.4 313.2

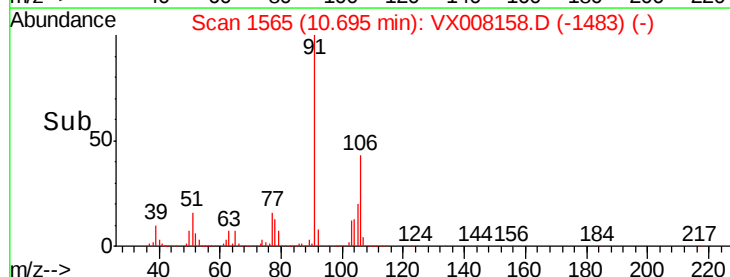


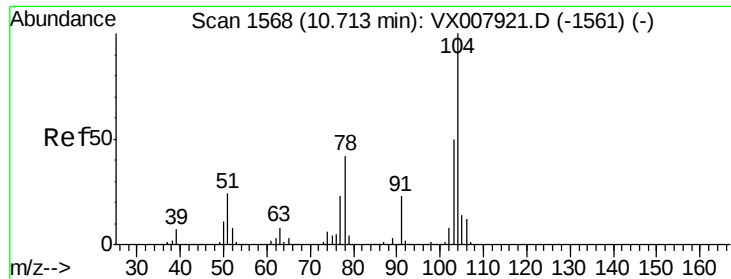
Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



Time-->





#69

Styrene

Concen: 6.454 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX008158.D

Acq: 18 Mar 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

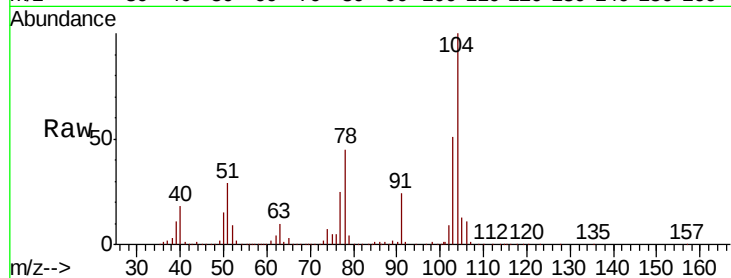
Tgt Ion:104 Resp: 51546

Ion Ratio Lower Upper

104 100

78 53.1 38.2 57.2

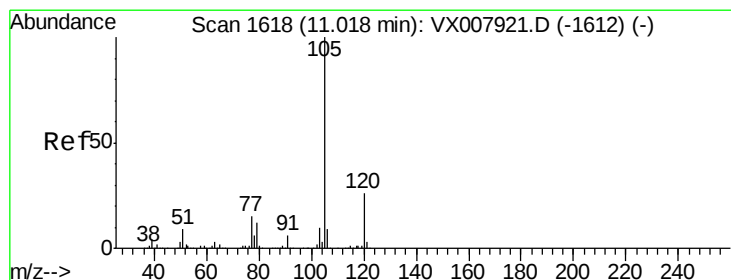
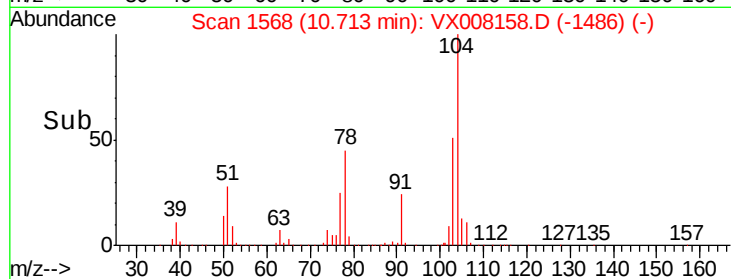
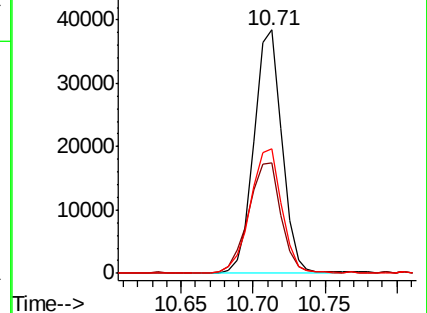
103 57.7 45.0 67.4



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: 6.632 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008158.D

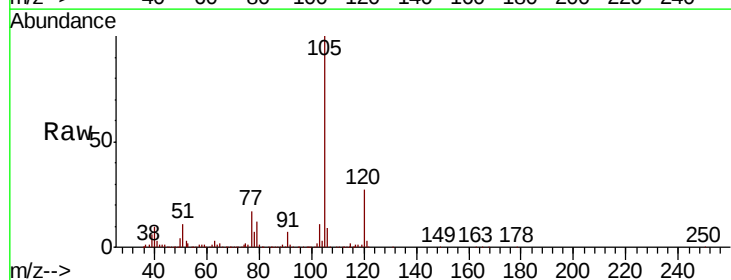
Acq: 18 Mar 2019 10:27

Tgt Ion:105 Resp: 88008

Ion Ratio Lower Upper

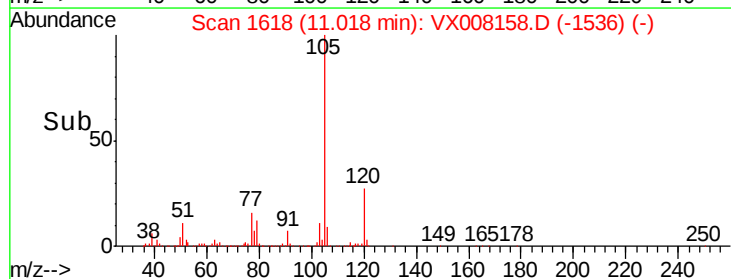
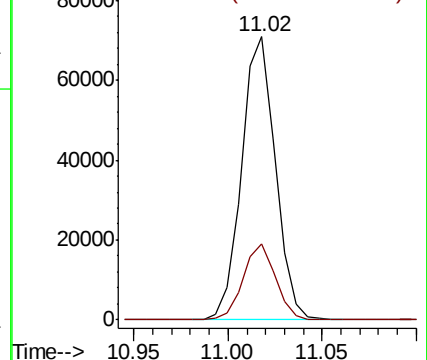
105 100

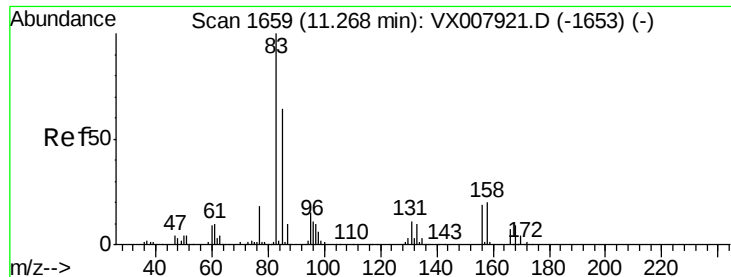
120 26.0 19.8 36.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

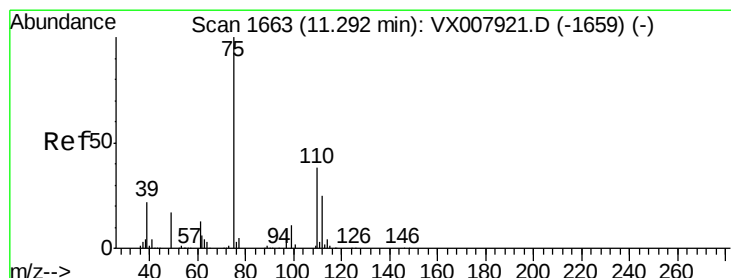
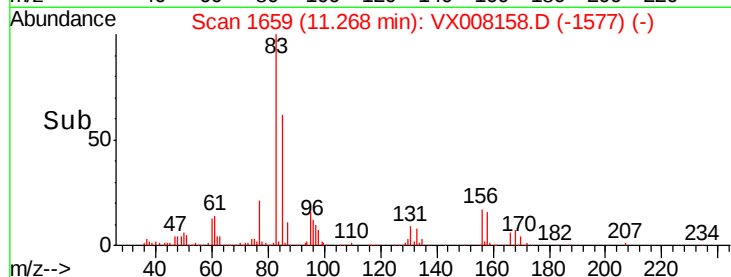
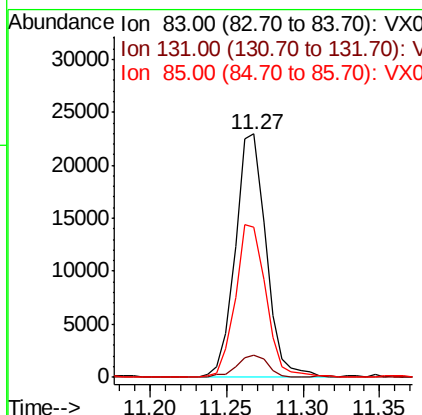
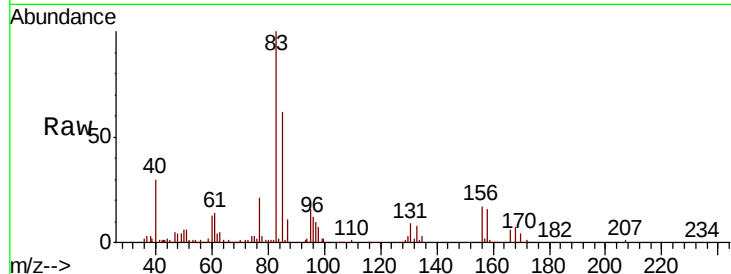




#71
 1,1,2,2-Tetrachloroethane
 Concen: 6.646 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: VX008158.D
 Acq: 18 Mar 2019 10:27

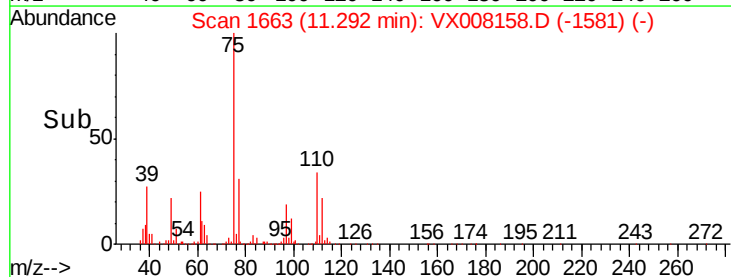
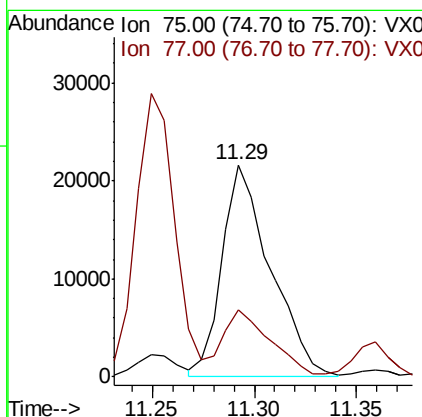
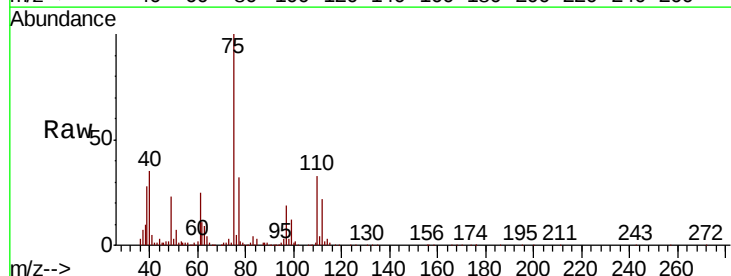
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

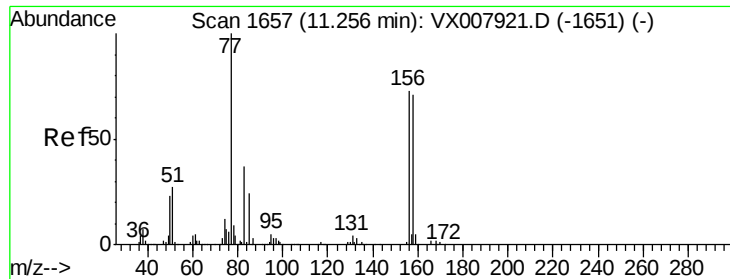
Tgt Ion: 83 Resp: 32162
 Ion Ratio Lower Upper
 83 100
 131 9.3 5.4 16.2
 85 62.8 32.8 98.4



#72
 1,2,3-Trichloropropane
 Concen: 8.384 ug/l
 RT: 11.29 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: VX008158.D
 Acq: 18 Mar 2019 10:27

Tgt Ion: 75 Resp: 35517
 Ion Ratio Lower Upper
 75 100
 77 31.8 0.0 76.4





#73

Bromobenzene

Concen: 6.852 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008158.D

Acq: 18 Mar 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

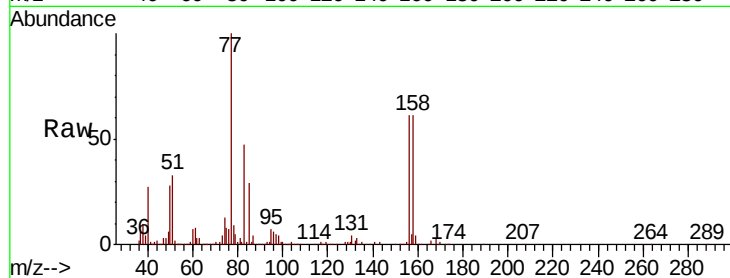
Tgt Ion:156 Resp: 21452

Ion Ratio Lower Upper

156 100

77 176.5 0.0 271.4

158 95.7 0.0 194.0

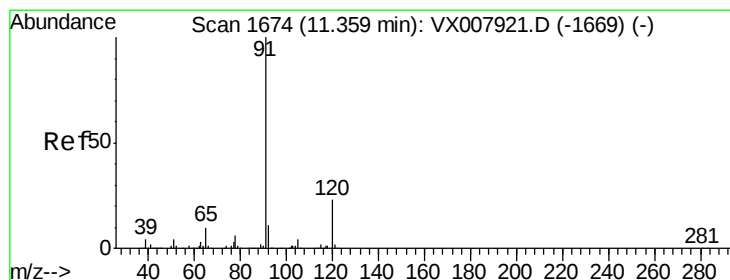
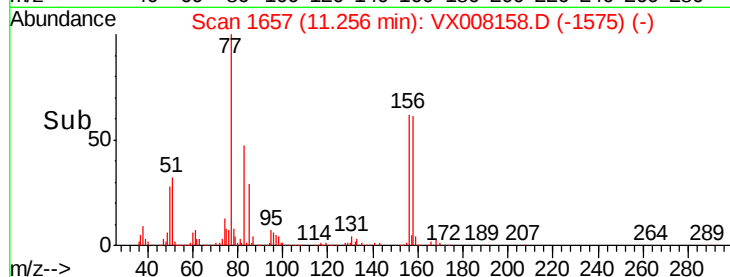
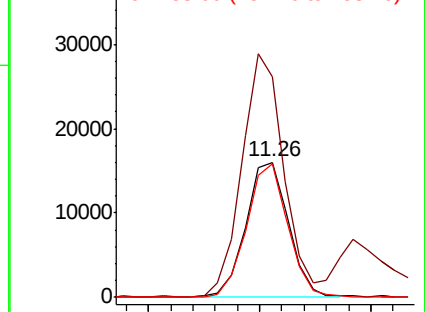


Abundance

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: 6.754 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008158.D

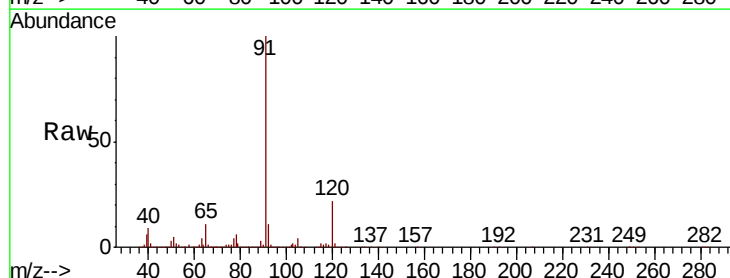
Acq: 18 Mar 2019 10:27

Tgt Ion: 91 Resp: 104513

Ion Ratio Lower Upper

91 100

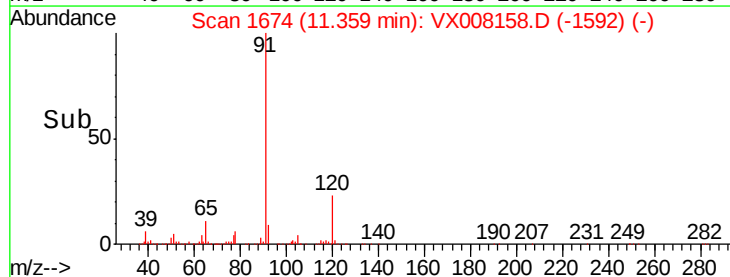
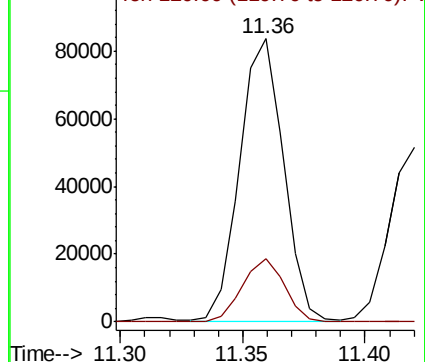
120 21.8 0.0 48.6

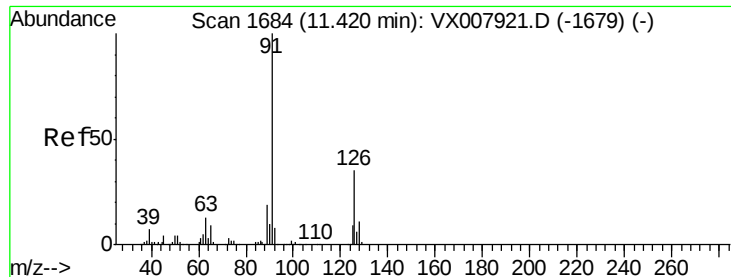


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 6.845 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008158.D

Acq: 18 Mar 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

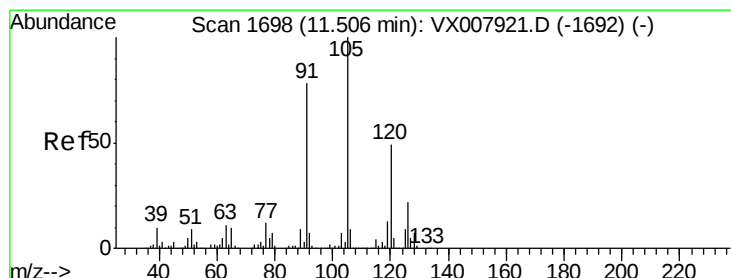
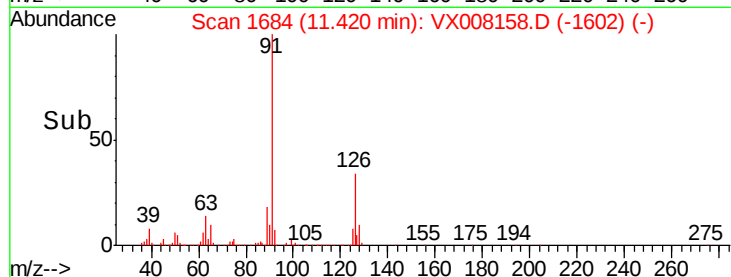
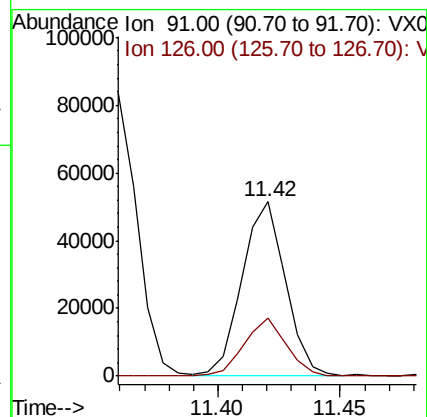
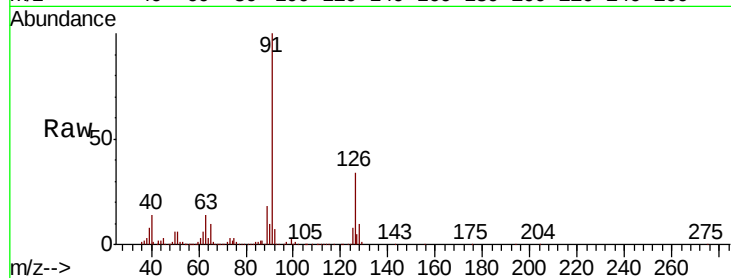
VSTDIC005

Tgt Ion: 91 Resp: 63652

Ion Ratio Lower Upper

91 100

126 32.5 0.0 75.2



#76

1,3,5-Trimethylbenzene

Concen: 6.625 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008158.D

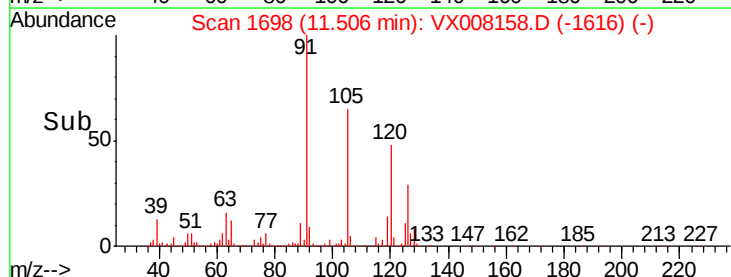
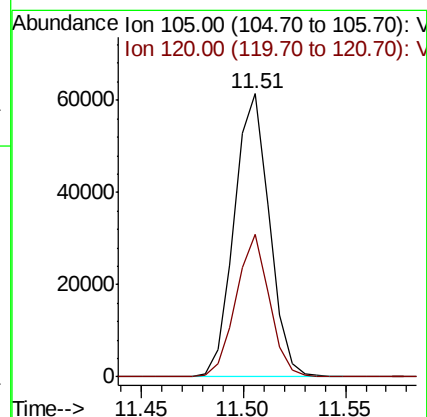
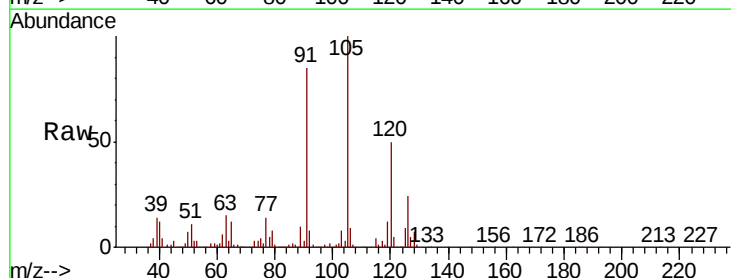
Acq: 18 Mar 2019 10:27

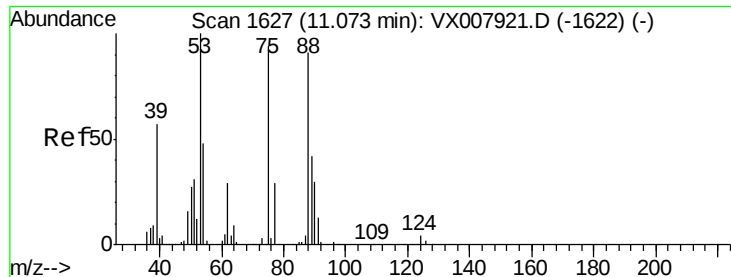
Tgt Ion: 105 Resp: 72603

Ion Ratio Lower Upper

105 100

120 48.2 0.0 101.0

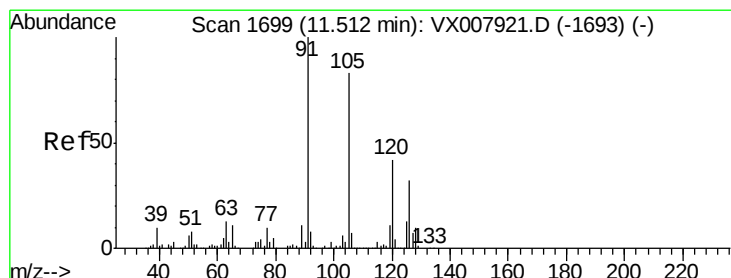
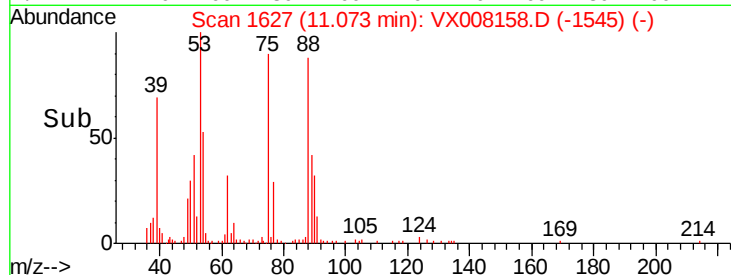
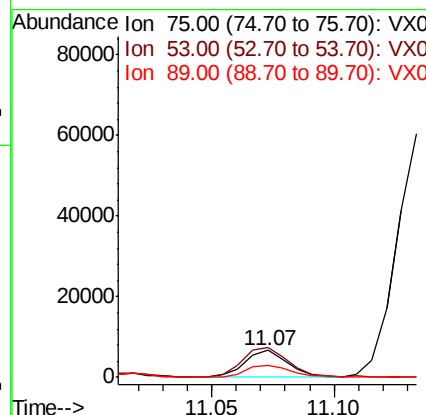
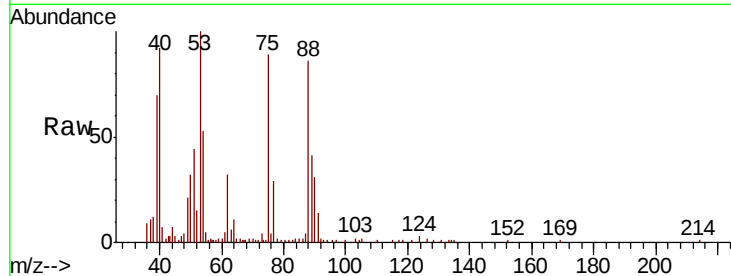




#77
t-1,4-Dichloro-2-butene
Concen: 5.700 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX008158.D
Acq: 18 Mar 2019 10:27

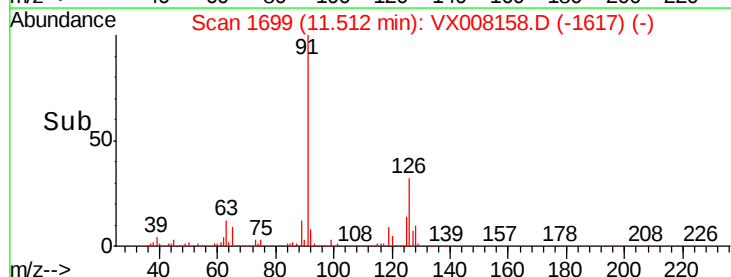
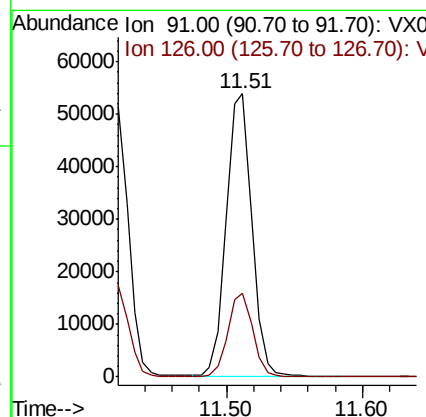
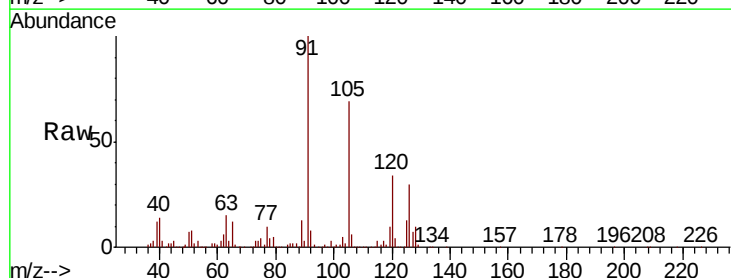
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

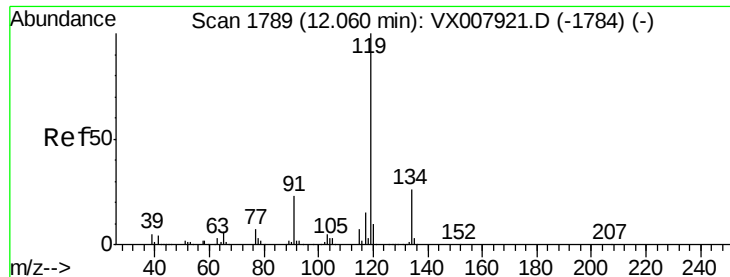
Tgt Ion: 75 Resp: 7888
Ion Ratio Lower Upper
75 100
53 113.9 55.5 166.7
89 47.2 24.4 73.2



#78
4-Chlorotoluene
Concen: 6.698 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX008158.D
Acq: 18 Mar 2019 10:27

Tgt Ion: 91 Resp: 70559
Ion Ratio Lower Upper
91 100
126 28.5 0.0 66.2

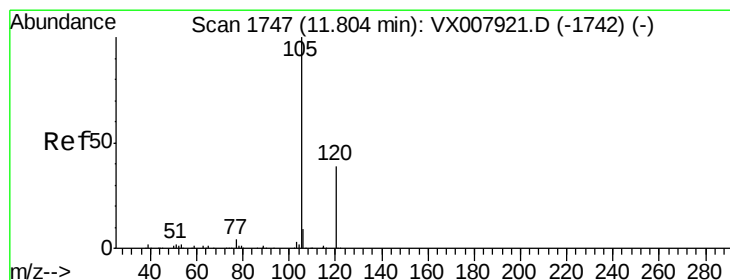
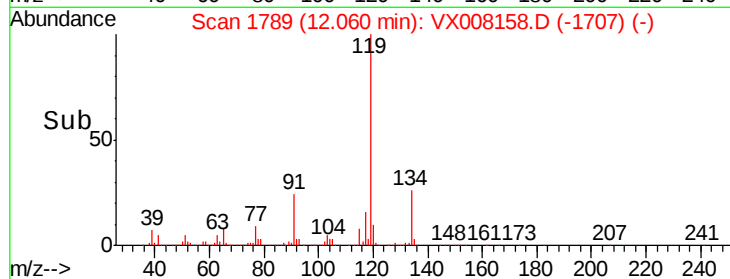
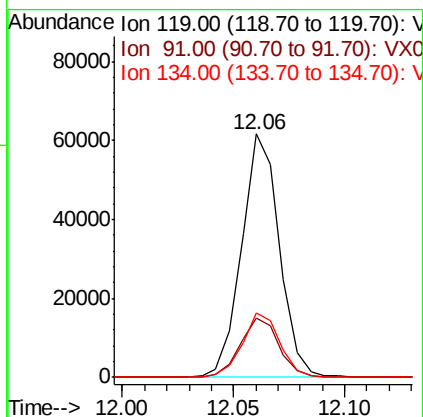
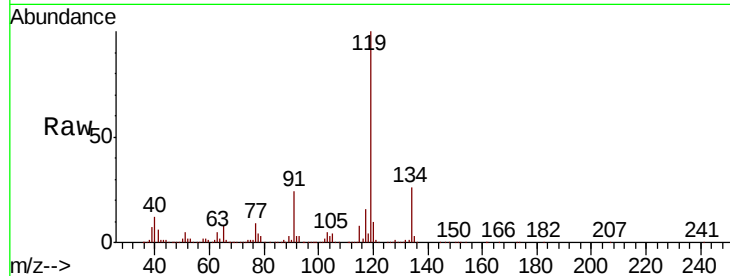




#79
tert-butylbenzene
Concen: 6.641 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX008158.D
Acq: 18 Mar 2019 10:27

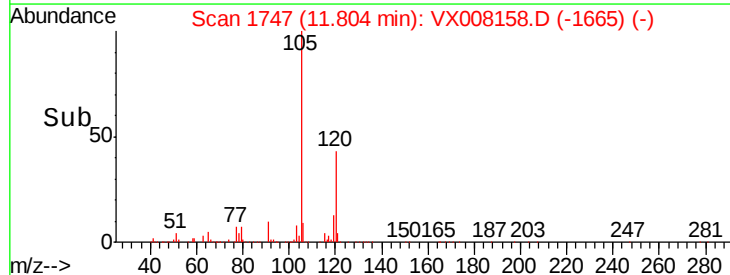
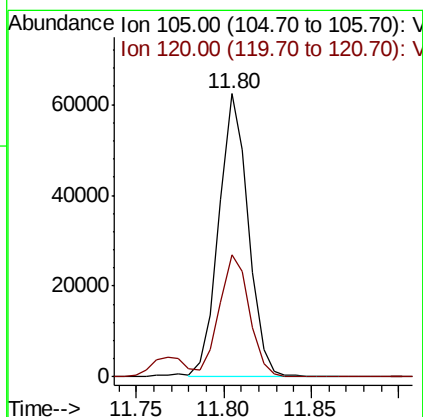
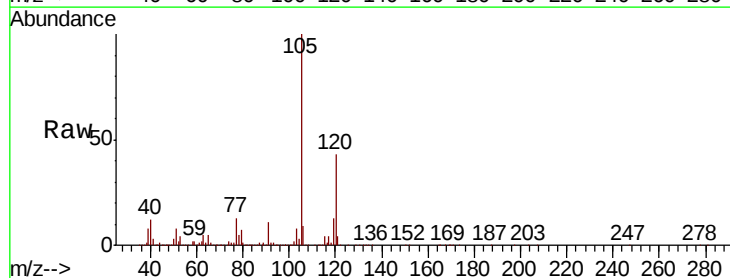
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

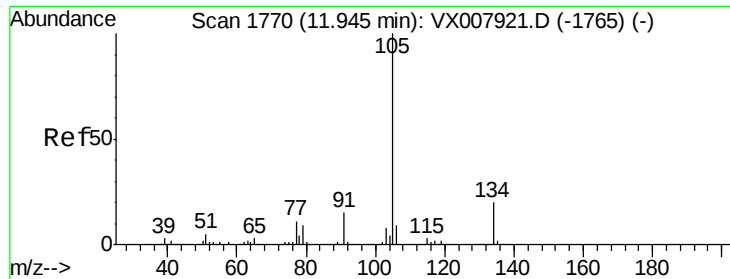
Tgt Ion:119 Resp: 72842
Ion Ratio Lower Upper
119 100
91 24.8 0.0 45.0
134 26.2 0.0 55.4



#80
1,2,4-Trimethylbenzene
Concen: 6.632 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX008158.D
Acq: 18 Mar 2019 10:27

Tgt Ion:105 Resp: 73114
Ion Ratio Lower Upper
105 100
120 43.6 0.0 94.0

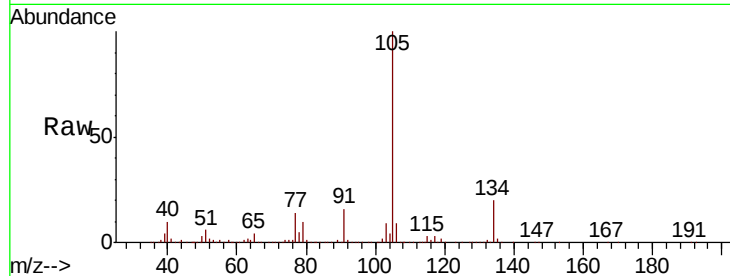




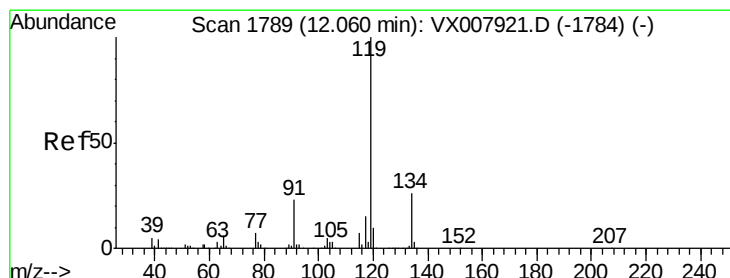
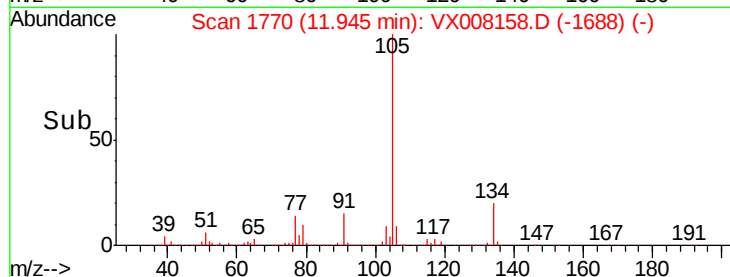
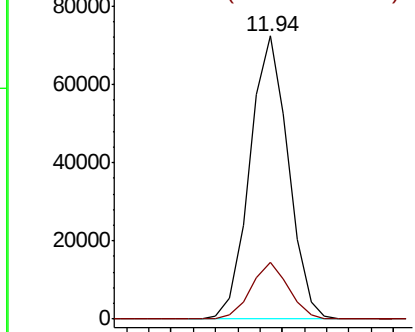
#81
 sec-Butylbenzene
 Concen: 6.698 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX008158.D
 Acq: 18 Mar 2019 10:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion:105 Resp: 87054
 Ion Ratio Lower Upper
 105 100
 134 19.5 0.0 41.8

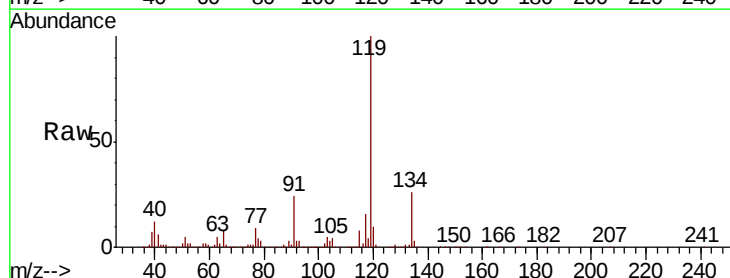


Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 134.00 (133.70 to 134.70): V

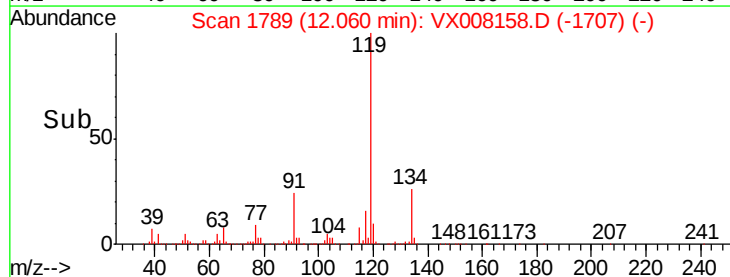
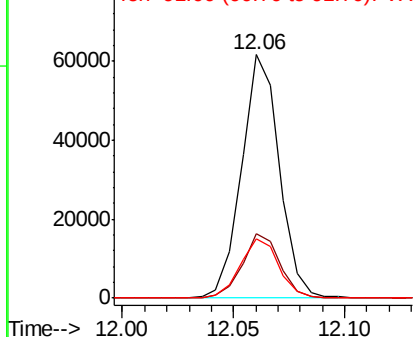


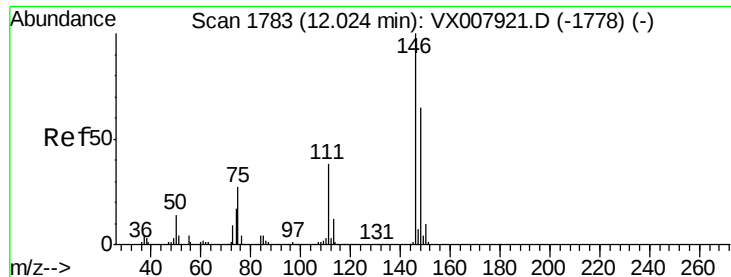
#82
 p-Isopropyltoluene
 Concen: 6.641 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX008158.D
 Acq: 18 Mar 2019 10:27

Tgt Ion:119 Resp: 72842
 Ion Ratio Lower Upper
 119 100
 134 26.2 0.0 55.4
 91 24.8 0.0 45.0



Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): VX0

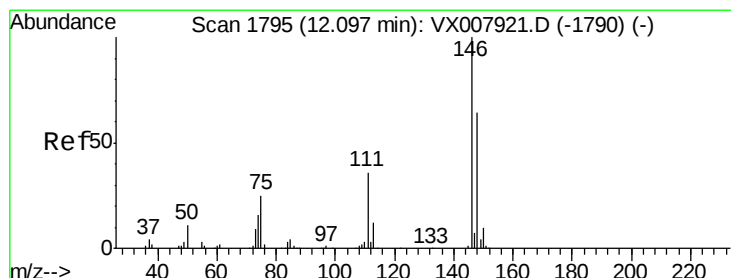
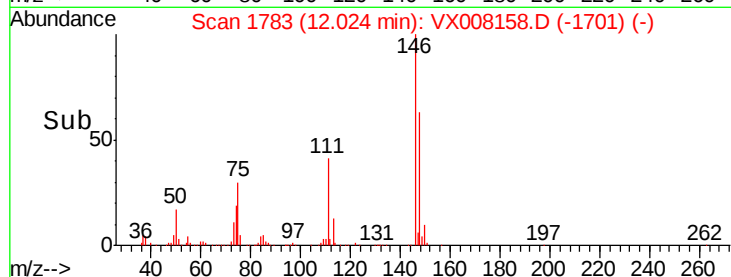
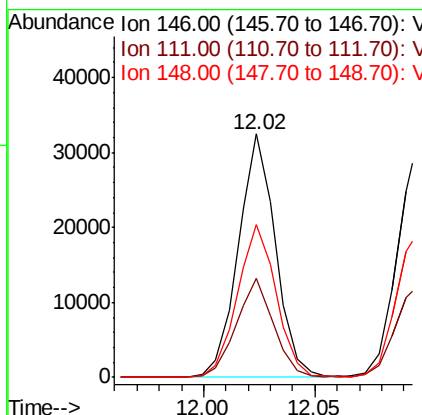
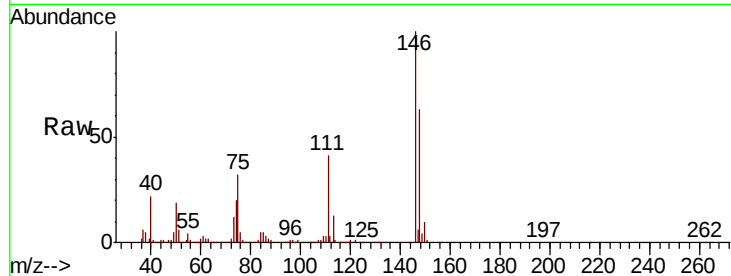




#83
 1,3-Dichlorobenzene
 Concen: 6.696 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008158.D
 Acq: 18 Mar 2019 10:27

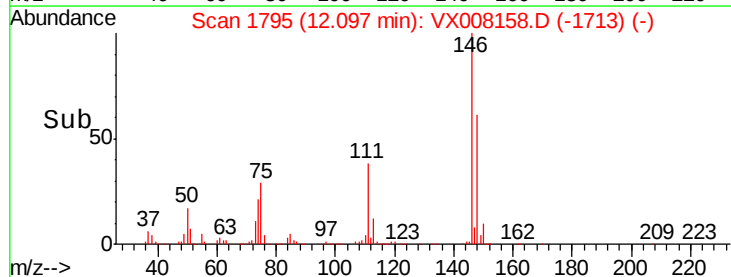
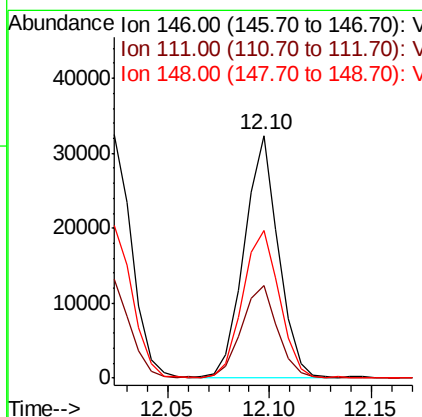
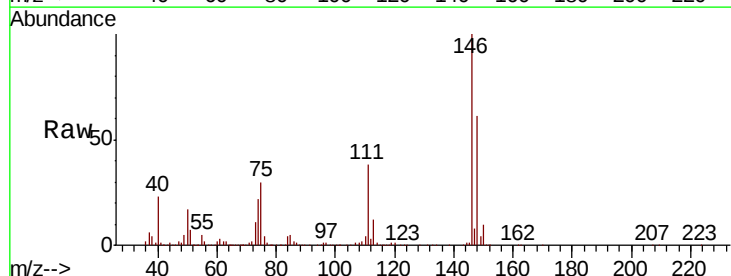
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

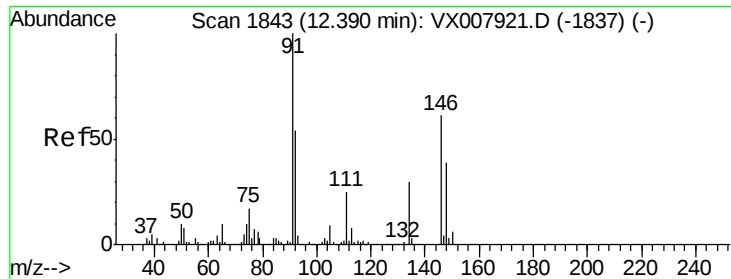
Tgt Ion:146 Resp: 37758
 Ion Ratio Lower Upper
 146 100
 111 40.9 18.8 56.3
 148 65.5 30.6 91.8



#84
 1,4-Dichlorobenzene
 Concen: 6.905 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008158.D
 Acq: 18 Mar 2019 10:27

Tgt Ion:146 Resp: 37754
 Ion Ratio Lower Upper
 146 100
 111 39.6 17.6 52.8
 148 65.1 31.4 94.2

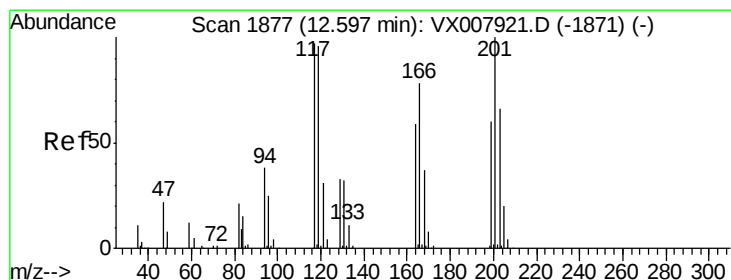
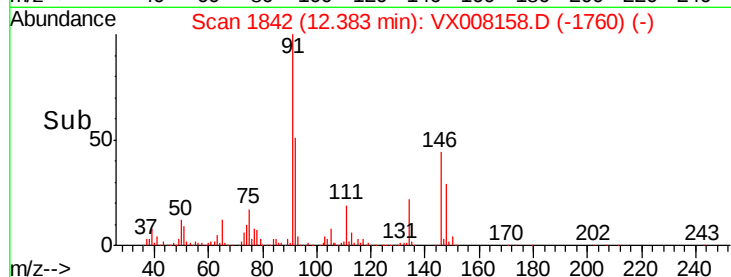
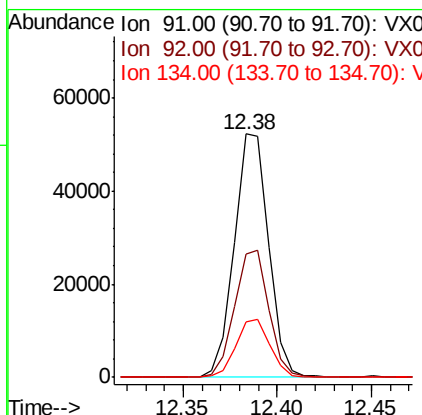
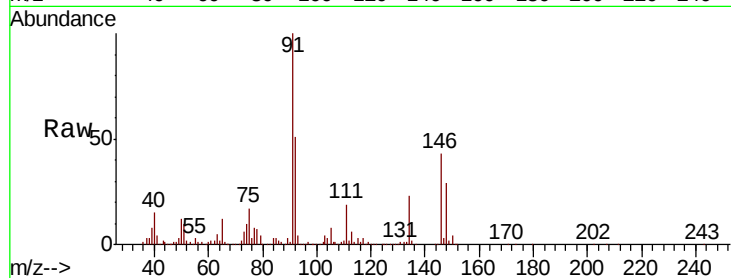




#85
n-Butylbenzene
Concen: 6.643 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX008158.D
Acq: 18 Mar 2019 10:27

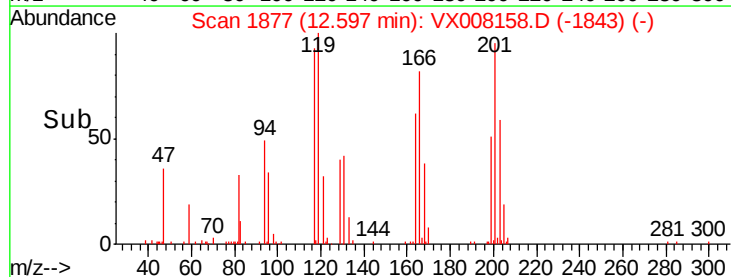
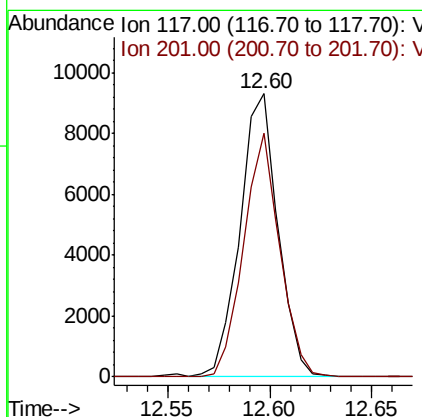
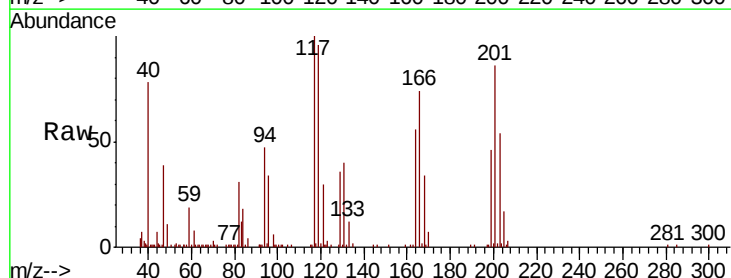
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

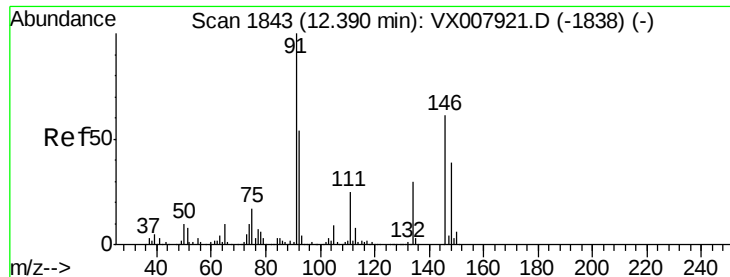
Tgt Ion: 91 Resp: 66051
Ion Ratio Lower Upper
91 100
92 52.3 0.0 105.2
134 23.6 0.0 56.4



#86
Hexachloroethane
Concen: 6.479 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.01 min
Lab File: VX008158.D
Acq: 18 Mar 2019 10:27

Tgt Ion: 117 Resp: 12012
Ion Ratio Lower Upper
117 100
201 82.1 41.1 123.3





#87

1,2-Dichlorobenzene

Concen: 6.859 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX008158.D

Acq: 18 Mar 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

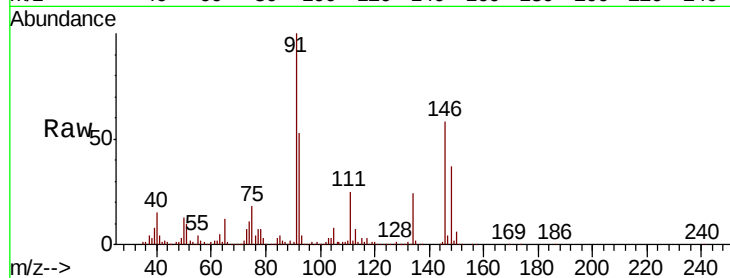
Tgt Ion:146 Resp: 38459

Ion Ratio Lower Upper

146 100

111 42.2 19.3 57.8

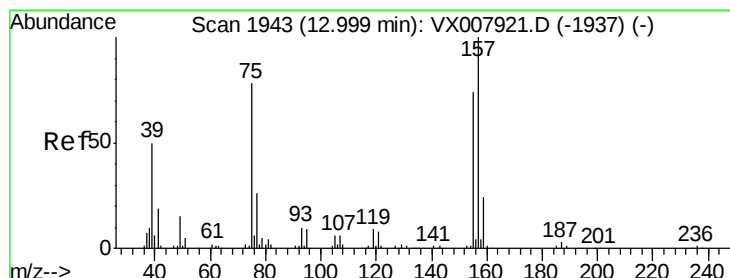
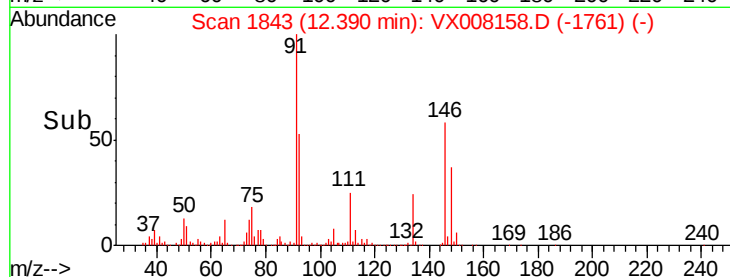
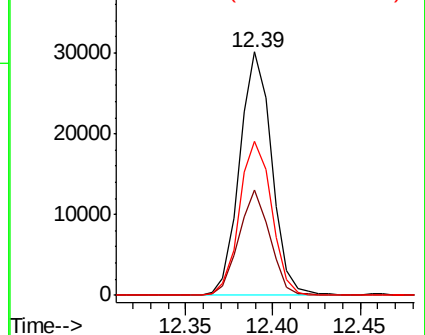
148 63.7 32.1 96.3



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: 6.087 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX008158.D

Acq: 18 Mar 2019 10:27

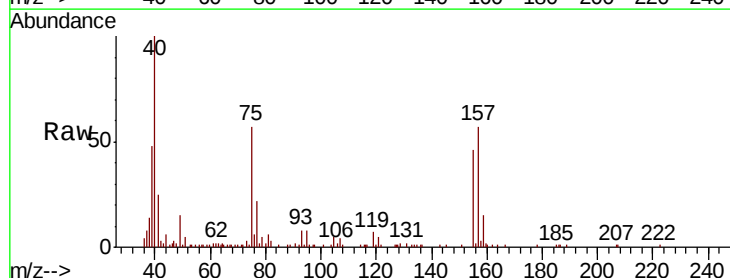
Tgt Ion: 75 Resp: 6155

Ion Ratio Lower Upper

75 100

155 78.7 81.0 121.6#

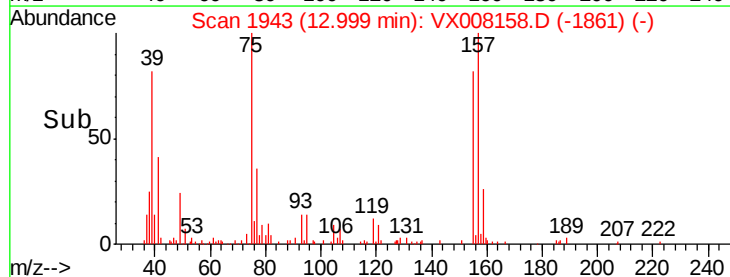
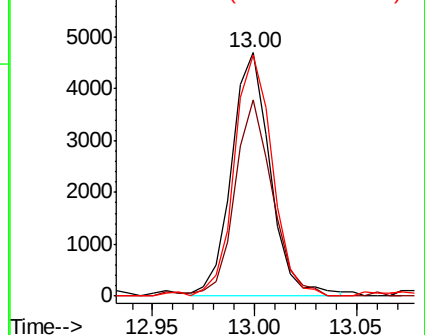
157 97.8 103.2 154.8#

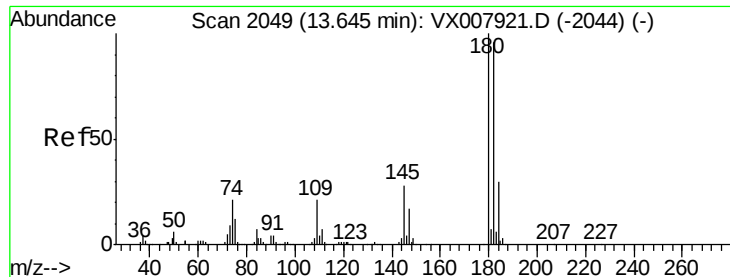


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

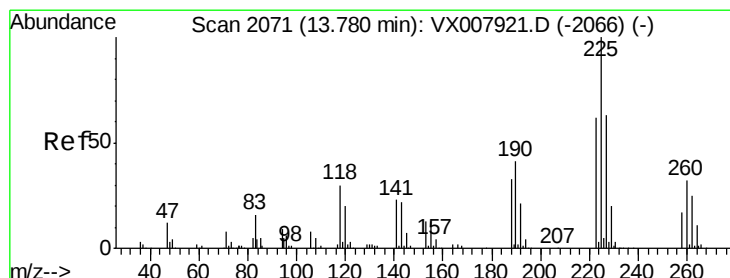
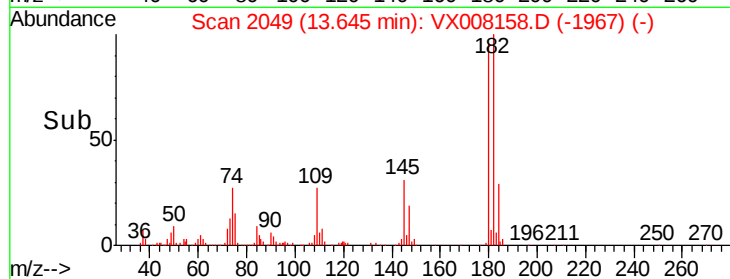
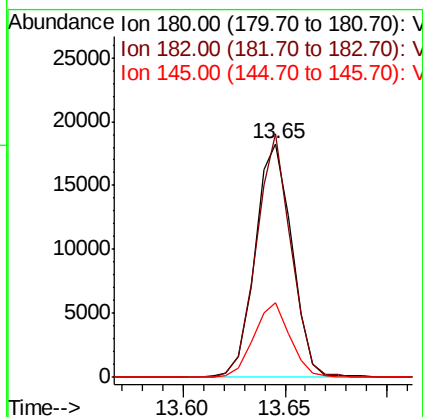
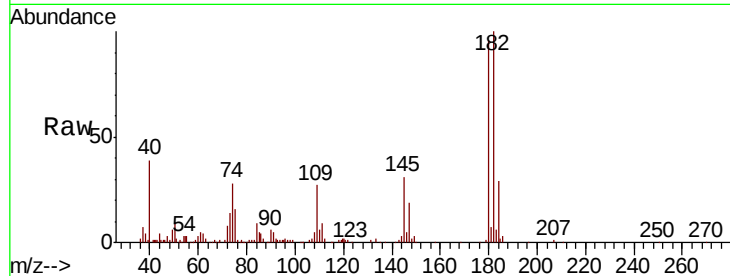




#89
 1,2,4-Trichlorobenzene
 Concen: 6.533 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008158.D
 Acq: 18 Mar 2019 10:27

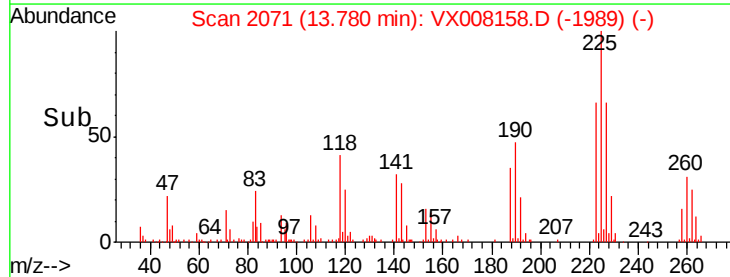
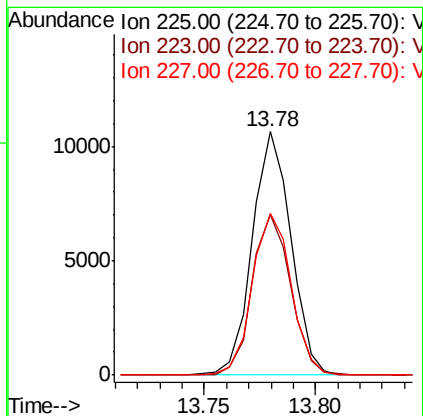
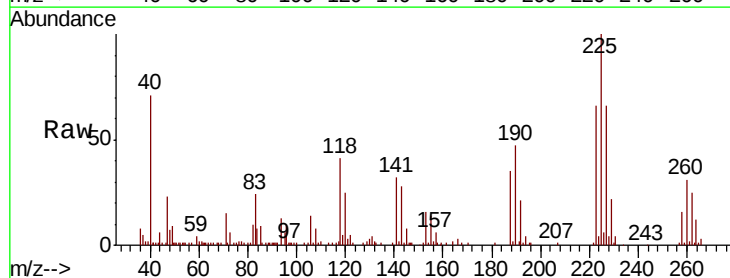
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

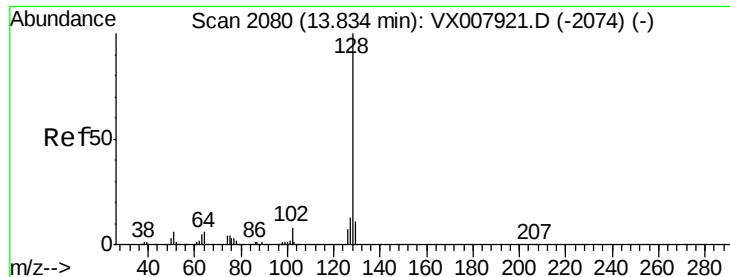
Tgt Ion:180 Resp: 22908
 Ion Ratio Lower Upper
 180 100
 182 98.3 75.6 113.4
 145 31.4 23.0 34.6



#90
 Hexachlorobutadiene
 Concen: 7.141 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008158.D
 Acq: 18 Mar 2019 10:27

Tgt Ion:225 Resp: 12896
 Ion Ratio Lower Upper
 225 100
 223 65.5 0.0 123.8
 227 66.6 0.0 124.4

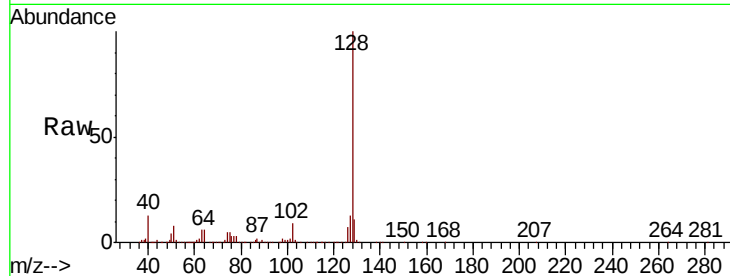




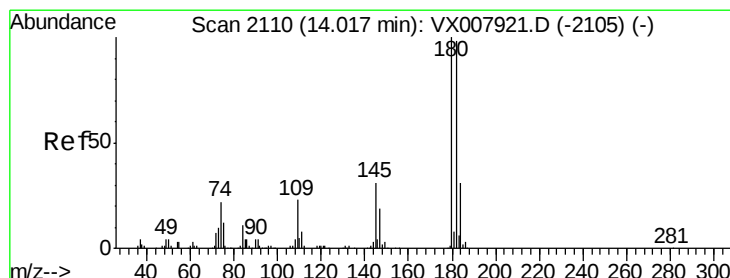
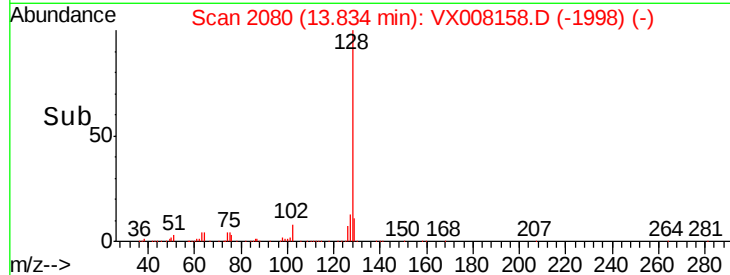
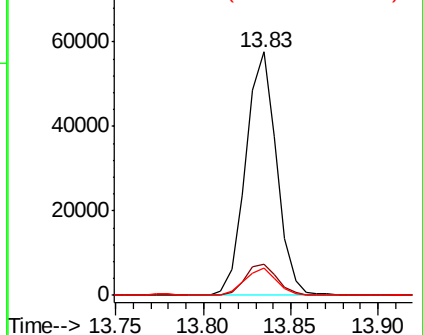
#91
Naphthalene
Concen: 6.142 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008158.D
Acq: 18 Mar 2019 10:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 70713
Ion Ratio Lower Upper
128 100
127 13.5 10.5 15.7
129 11.4 8.9 13.3

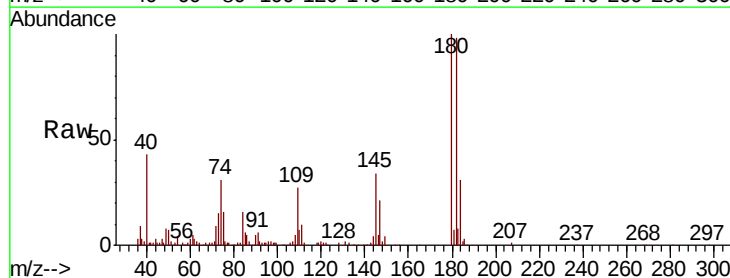


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#92
1,2,3-Trichlorobenzene
Concen: 6.709 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX008158.D
Acq: 18 Mar 2019 10:27

Tgt Ion:180 Resp: 23547
Ion Ratio Lower Upper
180 100
182 96.1 0.0 193.0
145 32.8 0.0 63.0



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

