

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051719\
 Data File : VX009692.D
 Acq On : 18 May 2019 04:19
 Operator : JC/SP
 Sample : VX0517WBSD04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0517WBSD04

Quant Time: May 18 04:58:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	135456	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	224651	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	201904	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	97863	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	92243	49.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.76%	
35) Dibromofluoromethane	5.50	113	68617	48.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.18%	
50) Toluene-d8	8.71	98	266212	46.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.38%	
62) 4-Bromofluorobenzene	11.13	95	98489	47.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	21967	17.598	ug/l	99
3) Chloromethane	1.32	50	35232	20.674	ug/l	100
4) Vinyl Chloride	1.41	62	34490	20.755	ug/l	96
5) Bromomethane	1.64	94	21908	21.965	ug/l	97
6) Chloroethane	1.71	64	22725	21.299	ug/l	100
7) Trichlorofluoromethane	1.93	101	43570	21.569	ug/l	98
8) Diethyl Ether	2.19	74	21461	22.429	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	25874	20.397	ug/l	99
10) Methyl Iodide	2.51	142	25567	20.347	ug/l	99
11) Tert butyl alcohol	3.05	59	53426	124.818	ug/l	99
12) 1,1-Dichloroethene	2.37	96	26870	21.141	ug/l	97
13) Acrolein	2.29	56	37793	97.496	ug/l	99
14) Allyl chloride	2.73	41	64356	20.778	ug/l	99
15) Acrylonitrile	3.14	53	124813	119.260	ug/l	99
16) Acetone	2.45	43	111650	112.447	ug/l	99
17) Carbon Disulfide	2.57	76	67039	18.787	ug/l	100
18) Methyl Acetate	2.78	43	58456	24.755	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	112286	22.751	ug/l	99
20) Methylene Chloride	2.85	84	34706	21.588	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	29012	21.048	ug/l	97
22) Diisopropyl ether	3.85	45	137034	23.005	ug/l	91
23) Vinyl Acetate	3.82	43	588222	115.322	ug/l	99
24) 1,1-Dichloroethane	3.70	63	65513	22.295	ug/l	99
25) 2-Butanone	4.68	43	186311	120.749	ug/l	100
26) 2,2-Dichloropropane	4.59	77	28394	12.982	ug/l	94
27) cis-1,2-Dichloroethene	4.60	96	35797	21.758	ug/l	97
28) Bromochloromethane	5.02	49	28281	22.396	ug/l	96
29) Tetrahydrofuran	5.13	42	122622	123.501	ug/l	99
30) Chloroform	5.21	83	60169	22.640	ug/l	99
31) Cyclohexane	5.58	56	56356	20.614	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	48757	22.038	ug/l	99
36) 1,1-Dichloropropene	5.81	75	42740	20.472	ug/l	99
37) Ethyl Acetate	4.84	43	69351	23.842	ug/l	99
38) Carbon Tetrachloride	5.79	117	39032	20.578	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051719\
 Data File : VX009692.D
 Acq On : 18 May 2019 04:19
 Operator : JC/SP
 Sample : VX0517WBSD04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0517WBSD04

Quant Time: May 18 04:58:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	48090	18.757	ug/l	99
40) Benzene	6.14	78	137685	21.310	ug/l	99
41) Methacrylonitrile	5.04	41	40226	23.232	ug/l	99
42) 1,2-Dichloroethane	6.20	62	52285	22.559	ug/l	100
43) Isopropyl Acetate	6.45	43	107000	22.997	ug/l	99
44) Trichloroethene	7.21	130	32411	20.750	ug/l	96
45) 1,2-Dichloropropane	7.51	63	39445	21.560	ug/l	98
46) Dibromomethane	7.66	93	23164	21.803	ug/l	99
47) Bromodichloromethane	7.90	83	46126	21.765	ug/l	97
48) Methyl methacrylate	7.77	41	53195	23.045	ug/l	99
49) 1,4-Dioxane	7.74	88	21777	465.189	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	367233	120.754	ug/l	99
52) Toluene	8.79	92	84037	21.397	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	47464	19.837	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	53096	20.049	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	36006	22.471	ug/l	97
56) Ethyl methacrylate	9.18	69	63755	22.290	ug/l	99
57) 1,3-Dichloropropane	9.37	76	60821	21.570	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	134471	88.623	ug/l	99
59) 2-Hexanone	9.49	43	286095	119.781	ug/l	98
60) Dibromochloromethane	9.58	129	33622	21.484	ug/l	99
61) 1,2-Dibromoethane	9.67	107	35288	21.817	ug/l	98
64) Tetrachloroethene	9.34	164	31375	22.654	ug/l	97
65) Chlorobenzene	10.14	112	88334	21.870	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	31864	21.761	ug/l	99
67) Ethyl Benzene	10.25	91	158802	21.364	ug/l	99
68) m/p-Xylenes	10.36	106	115847	42.648	ug/l	98
69) o-Xylene	10.69	106	57625	21.501	ug/l	99
70) Styrene	10.71	104	101475	21.784	ug/l	99
71) Bromoform	10.85	173	25110	21.101	ug/l	# 99
73) Isopropylbenzene	11.02	105	153289	21.540	ug/l	99
74) N-amyl acetate	10.90	43	94446	22.764	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	60807	22.921	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	67425	29.702	ug/l	81
77) Bromobenzene	11.26	156	39166	22.174	ug/l	97
78) n-propylbenzene	11.36	91	173154	21.305	ug/l	100
79) 2-Chlorotoluene	11.42	91	107544	21.448	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	128893	21.510	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	15565	17.544	ug/l	90
82) 4-Chlorotoluene	11.51	91	120224	21.224	ug/l	100
83) tert-Butylbenzene	11.77	119	122822	21.071	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	130307	21.665	ug/l	100
85) sec-Butylbenzene	11.94	105	146269	21.165	ug/l	100
86) p-Isopropyltoluene	12.06	119	131221	21.121	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	67717	21.505	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	67505	21.264	ug/l	99
89) n-Butylbenzene	12.38	91	113691	20.247	ug/l	99
90) Hexachloroethane	12.59	117	22537	21.292	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	69729	21.741	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	13730	23.071	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051719\
Data File : VX009692.D
Acq On : 18 May 2019 04:19
Operator : JC/SP
Sample : VX0517WBSD04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0517WBSD04

Quant Time: May 18 04:58:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration

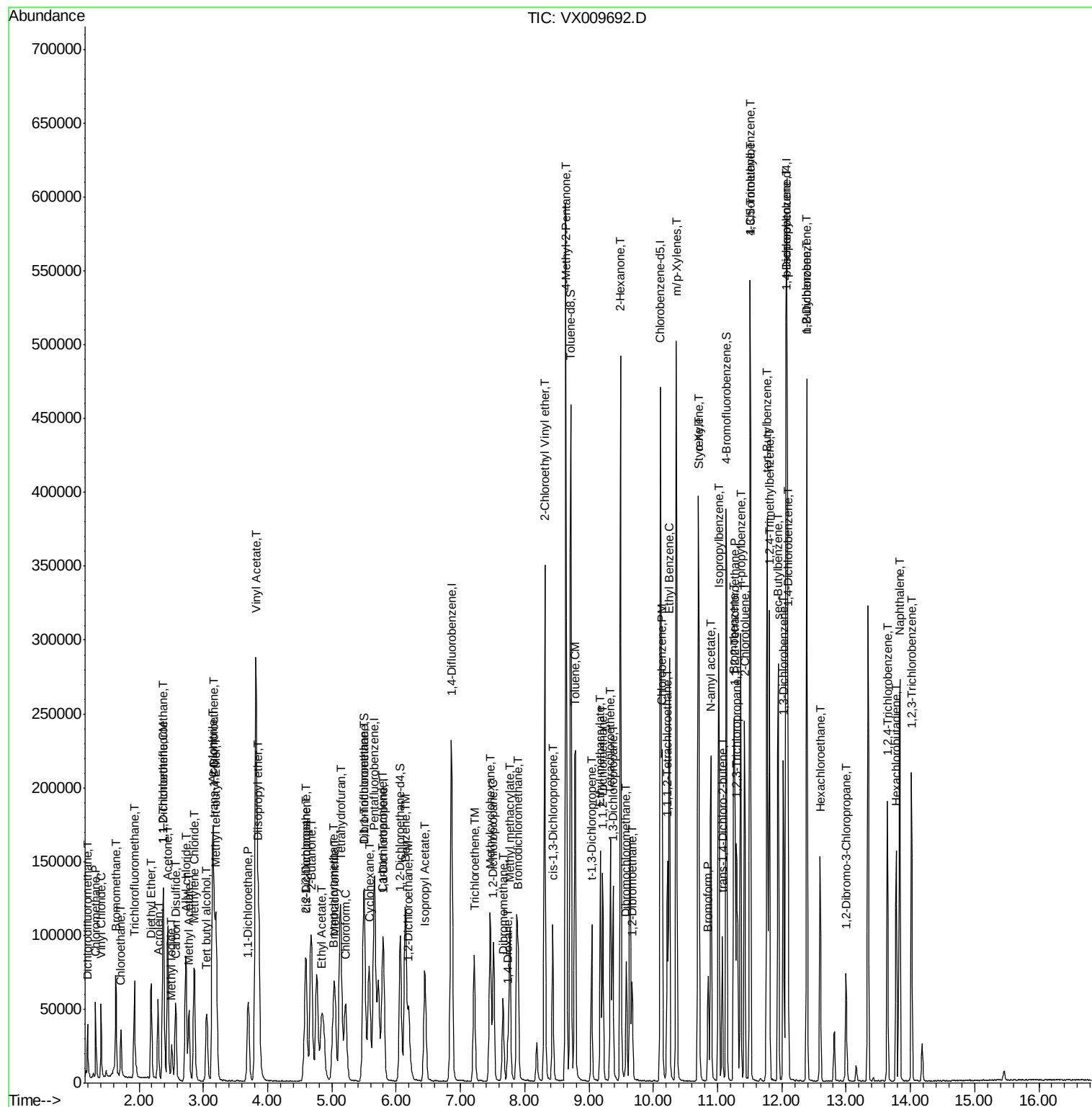
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	46638	21.265	ug/l	99
94) Hexachlorobutadiene	13.78	225	23317	20.819	ug/l	98
95) Naphthalene	13.83	128	160894	22.549	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	48702	21.907	ug/l	98

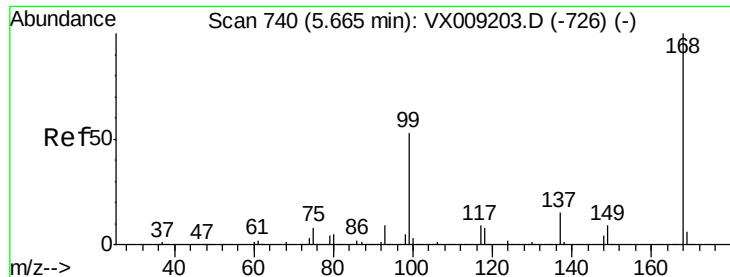
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\WX051719\
Data File : VX009692.D
Acq On : 18 May 2019 04:19
Operator : JC/SP
Sample : VX0517WBSD04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0517WBSD04

Quant Time: May 18 04:58:35 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX009692.D

Acq: 18 May 2019 04:19

Instrument :

MSVOA_X

ClientSampleId :

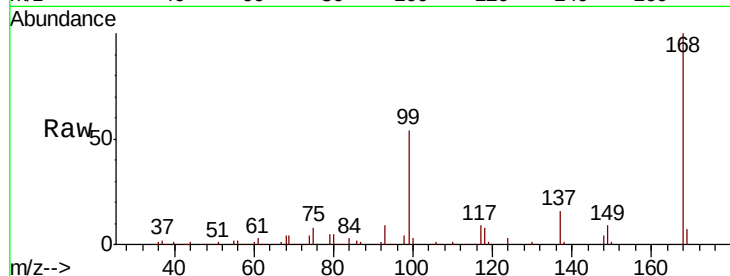
VX0517WBSD04

Tot Ion:168 Resp: 135456

Ion Ratio Lower Upper

168 100

99 53.9 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

50000

40000

30000

20000

10000

0

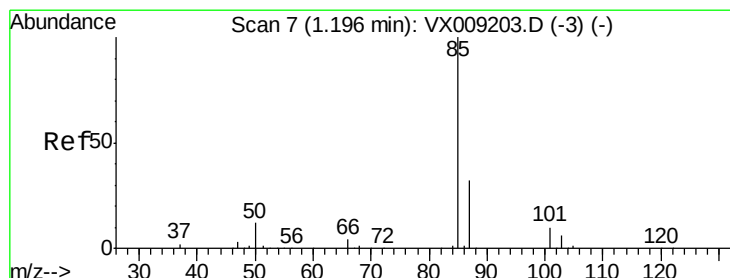
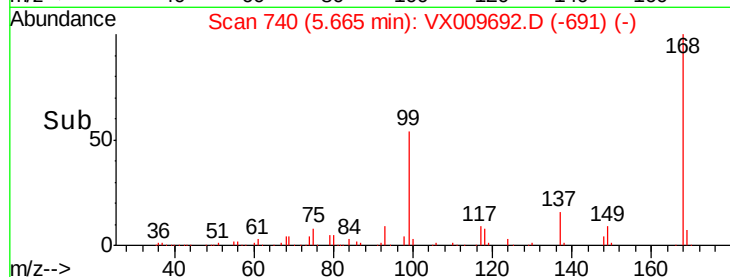
Time-->

5.50

5.60

5.70

5.80



#2

Dichlorodifluoromethane

Concen: 17.598 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX009692.D

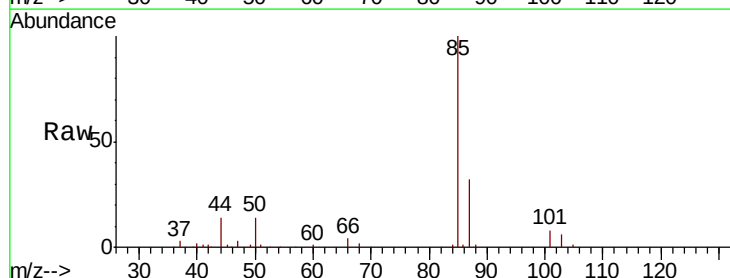
Acq: 18 May 2019 04:19

Tgt Ion: 85 Resp: 21967

Ion Ratio Lower Upper

85 100

87 31.9 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

20000

15000

10000

5000

0

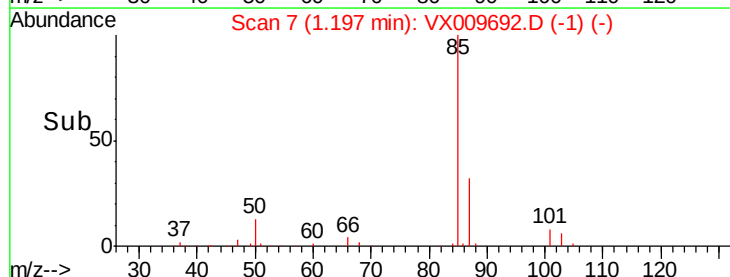
Time-->

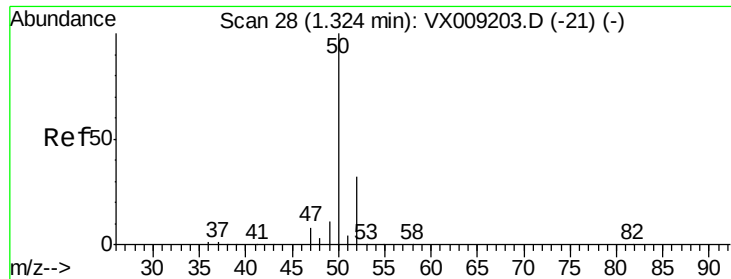
1.15

1.20

1.25

1.30

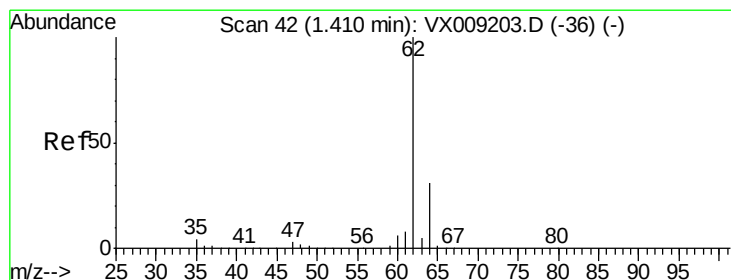
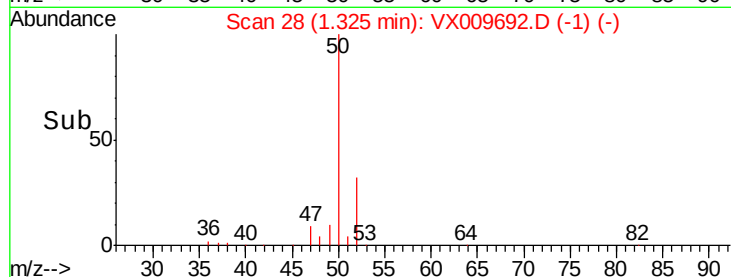
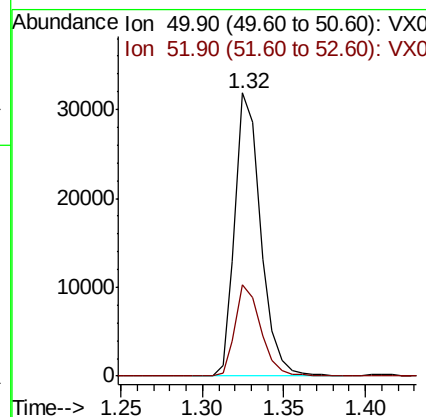
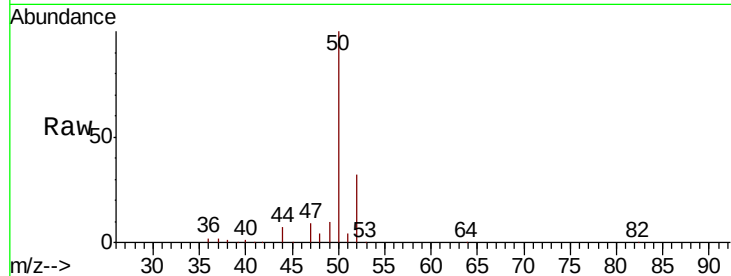




#3
Chloromethane
Concen: 20.674 ug/l
RT: 1.32 min Scan# 28
Delta R.T. 0.00 min
Lab File: VX009692.D
Acq: 18 May 2019 04:19

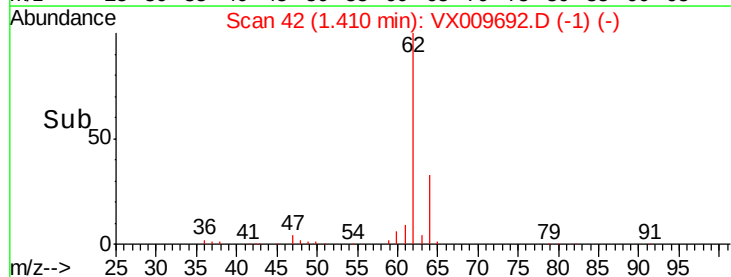
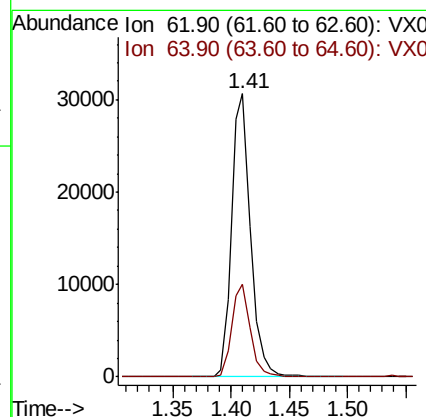
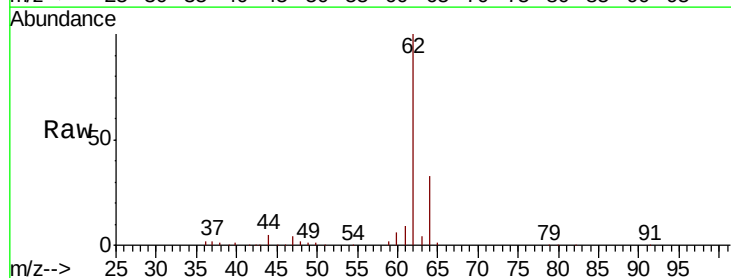
Instrument :
MSVOA_X
ClientSampleId :
VX0517WBSD04

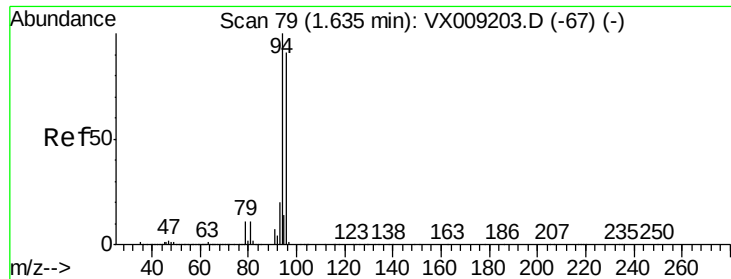
Tot Ion: 50 Resp: 35232
Ion Ratio Lower Upper
50 100
52 32.2 25.9 38.9



#4
Vinyl Chloride
Concen: 20.755 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX009692.D
Acq: 18 May 2019 04:19

Tgt Ion: 62 Resp: 34490
Ion Ratio Lower Upper
62 100
64 32.6 24.6 36.8





#5

Bromomethane

Concen: 21.965 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009692.D

Acq: 18 May 2019 04:19

Instrument :

MSVOA_X

ClientSampleId :

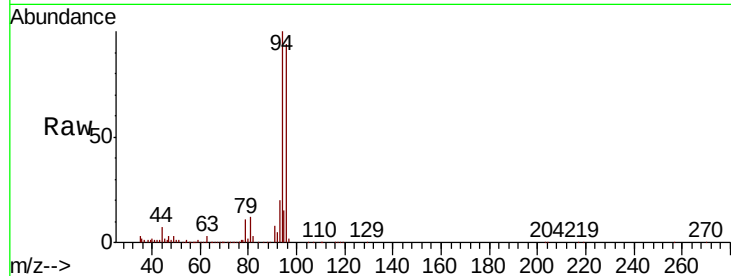
VX0517WBSD04

Tot Ion: 94 Resp: 21908

Ion Ratio Lower Upper

94 100

96 93.8 73.0 109.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

25000

20000

15000

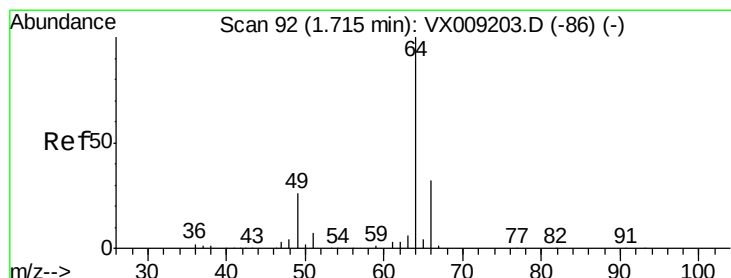
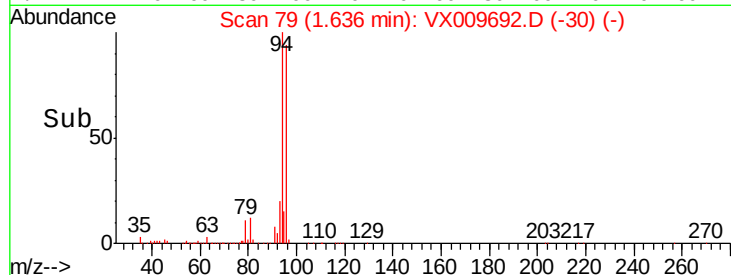
10000

5000

0

Time-->

1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 21.299 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX009692.D

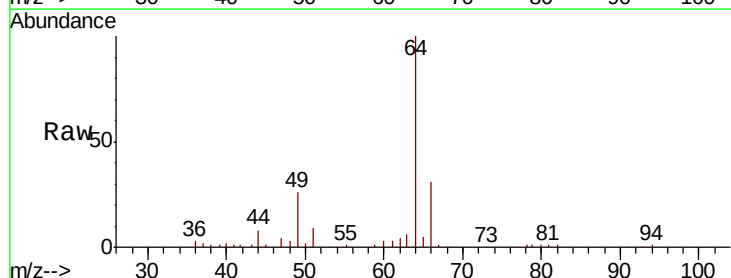
Acq: 18 May 2019 04:19

Tgt Ion: 64 Resp: 22725

Ion Ratio Lower Upper

64 100

66 31.4 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

15000

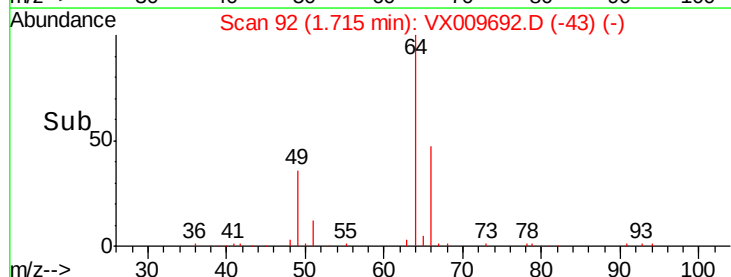
10000

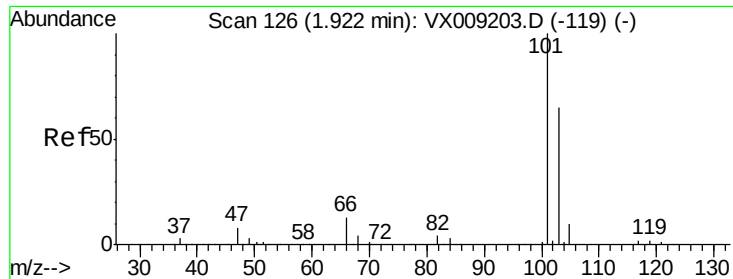
5000

0

Time-->

1.65 1.70 1.75 1.80 1.85



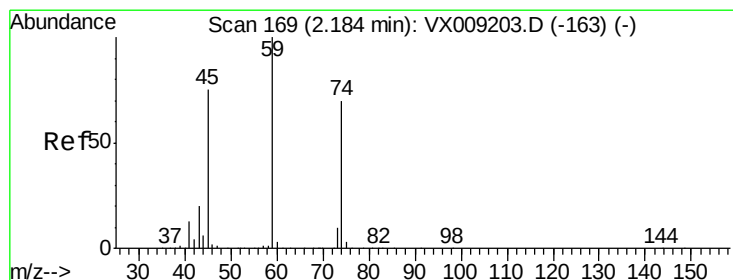
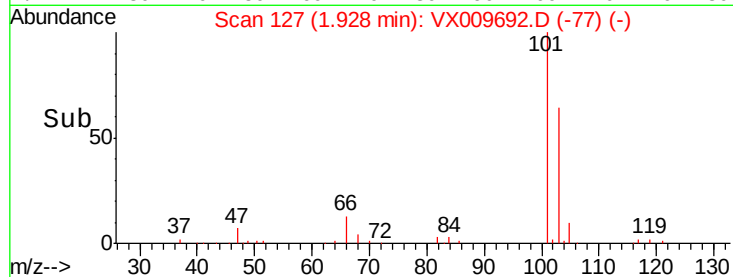
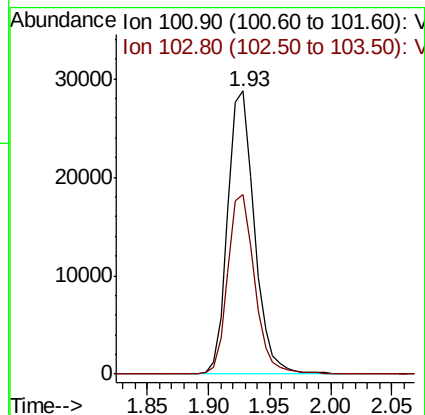
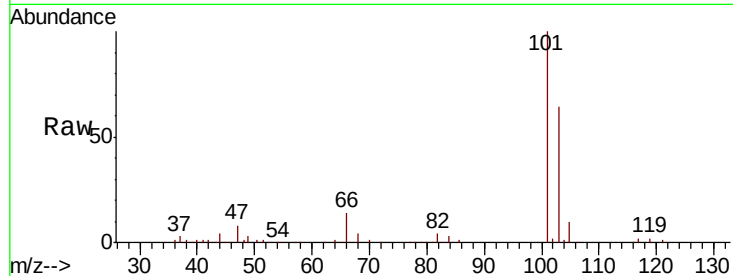


#7

Trichlorofluoromethane
 Concen: 21.569 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX009692.D
 Acq: 18 May 2019 04:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0517WBSD04

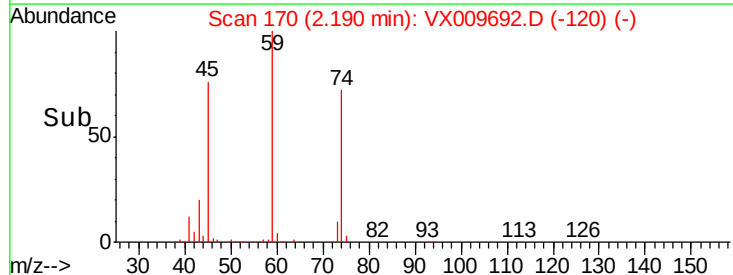
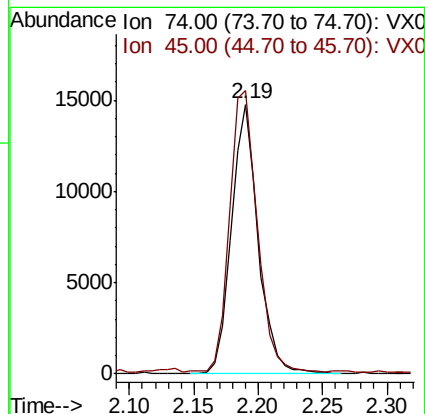
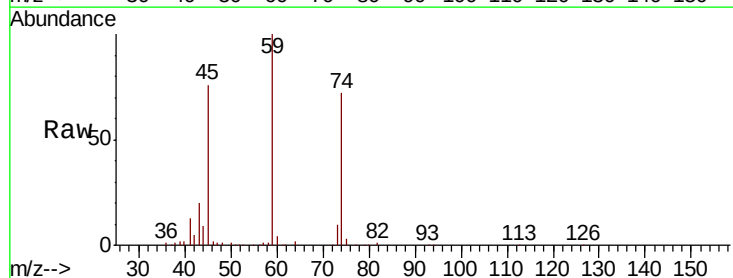
Tot Ion:101 Resp: 43570
 Ion Ratio Lower Upper
 101 100
 103 63.5 52.4 78.6

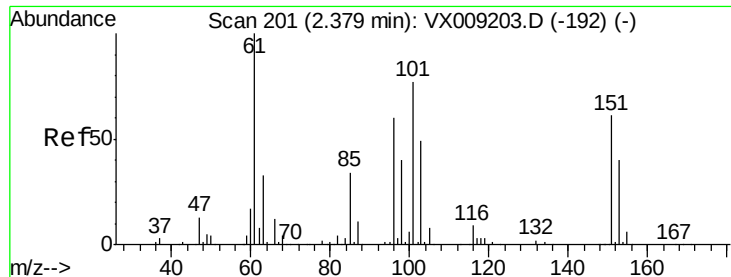


#8

Diethyl Ether
 Concen: 22.429 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX009692.D
 Acq: 18 May 2019 04:19

Tgt Ion: 74 Resp: 21461
 Ion Ratio Lower Upper
 74 100
 45 108.3 53.3 159.9

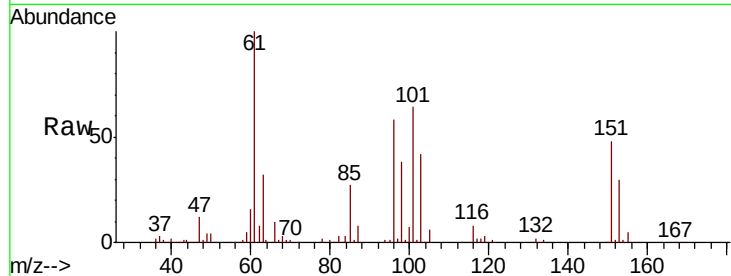




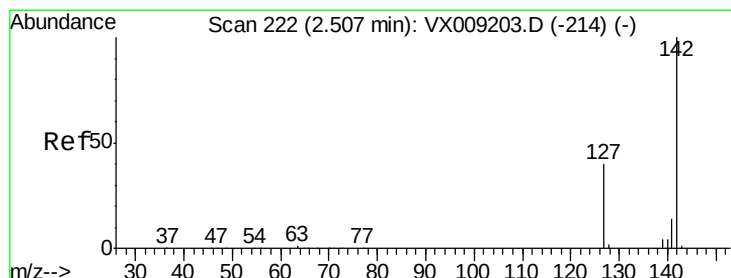
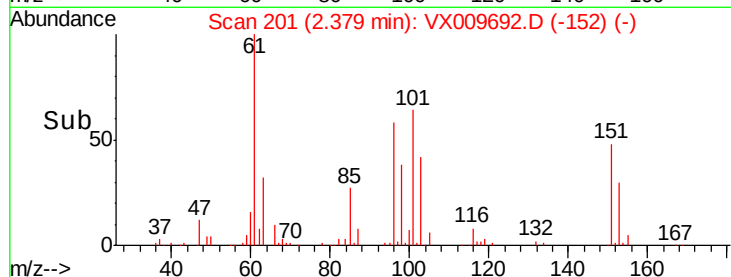
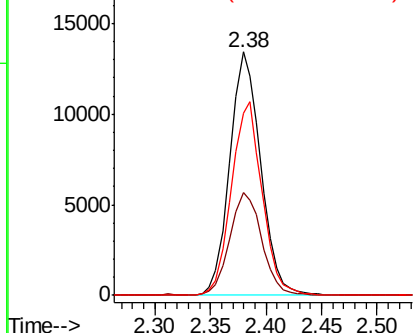
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.397 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. 0.00 min
 Lab File: VX009692.D
 Acq: 18 May 2019 04:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0517WBSD04

Tot Ion:101 Resp: 25874
 Ion Ratio Lower Upper
 101 100
 85 44.0 35.7 53.5
 151 78.8 62.2 93.2

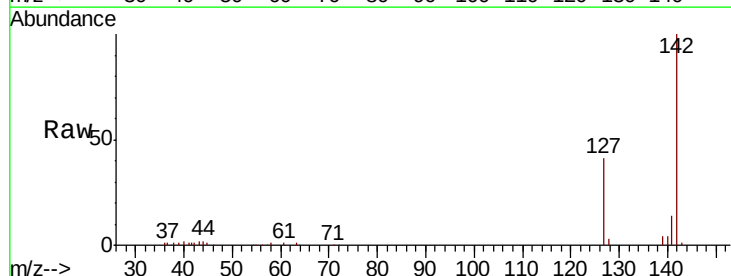


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 150.80 (150.50 to 151.50): V

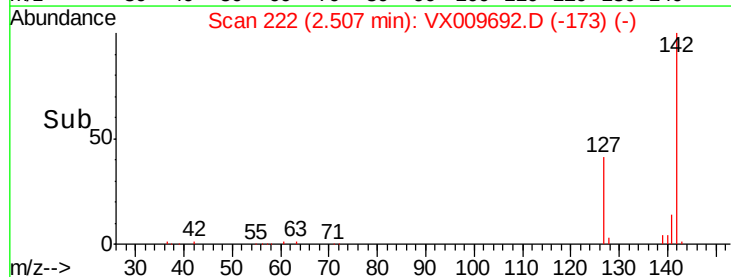
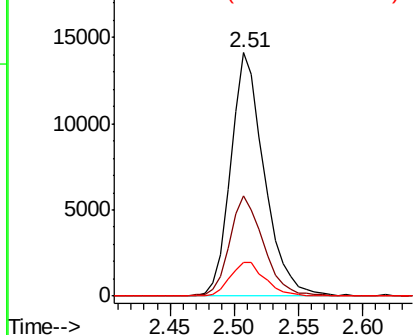


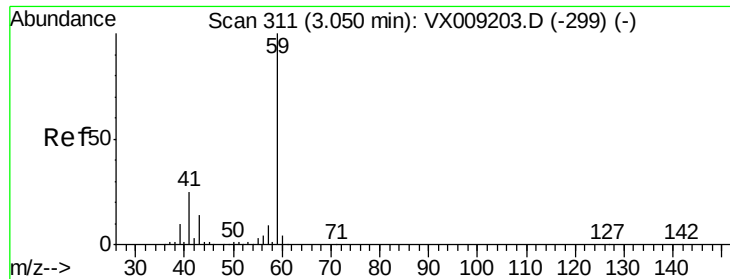
#10
 Methyl Iodide
 Concen: 20.347 ug/l
 RT: 2.51 min Scan# 222
 Delta R.T. 0.00 min
 Lab File: VX009692.D
 Acq: 18 May 2019 04:19

Tgt Ion:142 Resp: 25567
 Ion Ratio Lower Upper
 142 100
 127 41.7 32.7 49.1
 141 14.4 11.5 17.3



Abundance Ion 141.80 (141.50 to 142.50): V
 Ion 126.80 (126.50 to 127.50): V
 Ion 140.80 (140.50 to 141.50): V



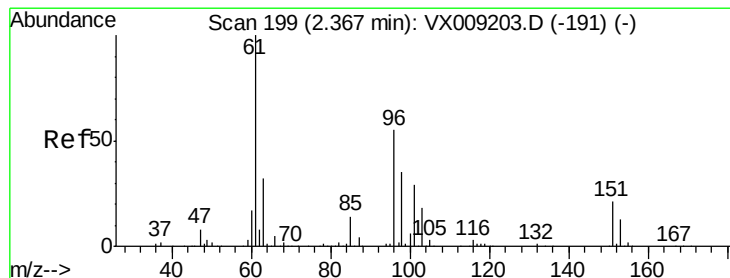
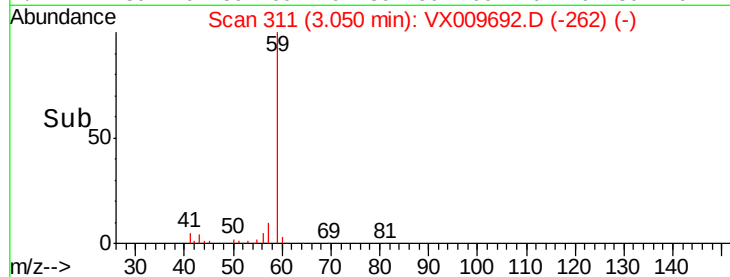
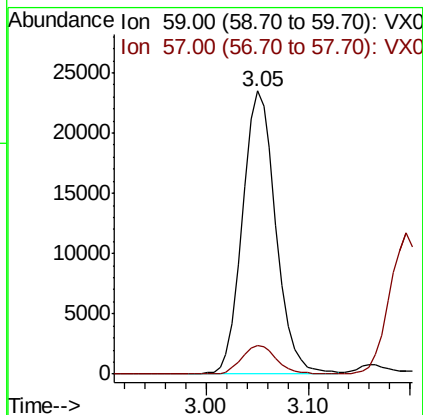
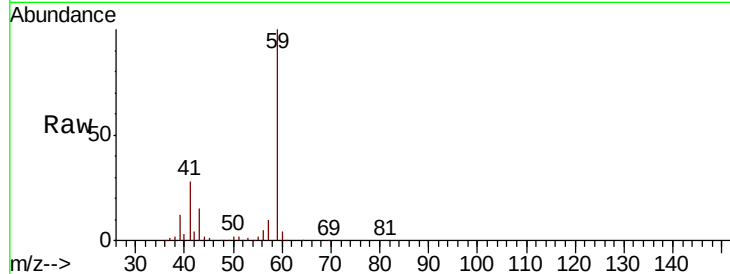


#11

Tert butyl alcohol
 Concen: 124.818 ug/l
 RT: 3.05 min Scan# 311
 Delta R.T. 0.00 min
 Lab File: VX009692.D
 Acq: 18 May 2019 04:19

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0517WBSD04

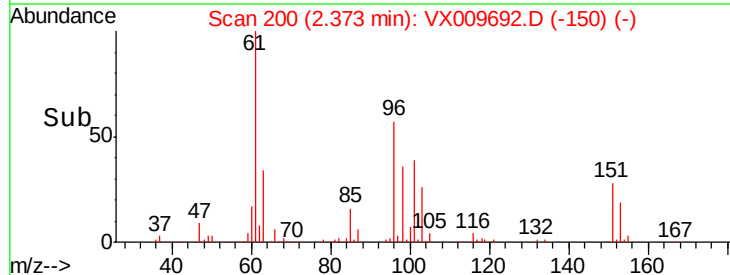
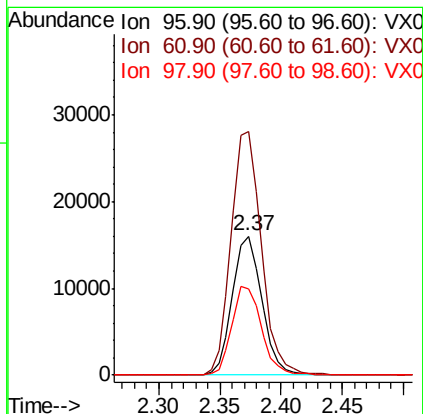
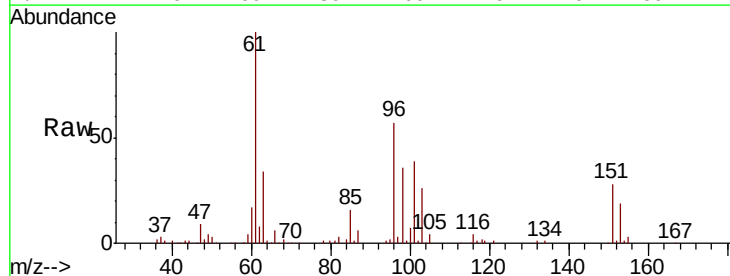
Tot Ion: 59 Resp: 53426
 Ion Ratio Lower Upper
 59 100
 57 10.7 8.2 12.2

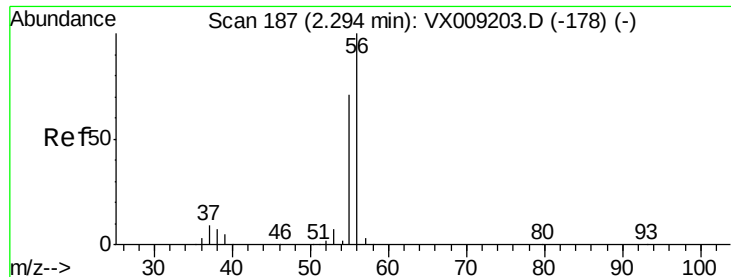


#12

1,1-Dichloroethene
 Concen: 21.141 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.01 min
 Lab File: VX009692.D
 Acq: 18 May 2019 04:19

Tgt Ion: 96 Resp: 26870
 Ion Ratio Lower Upper
 96 100
 61 175.3 144.3 216.5
 98 62.4 50.3 75.5





#13

Acrolein

Concen: 97.496 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX009692.D

Acq: 18 May 2019 04:19

Instrument :

MSVOA_X

ClientSampleId :

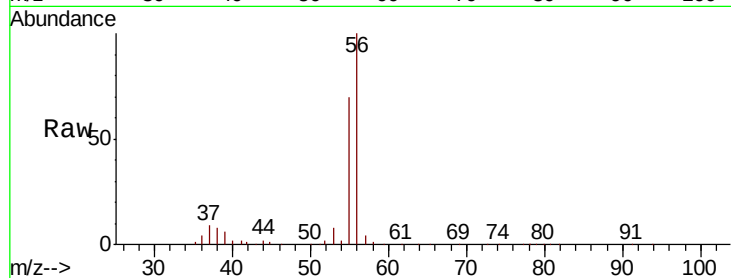
VX0517WBSD04

Tot Ion: 56 Resp: 37793

Ion Ratio Lower Upper

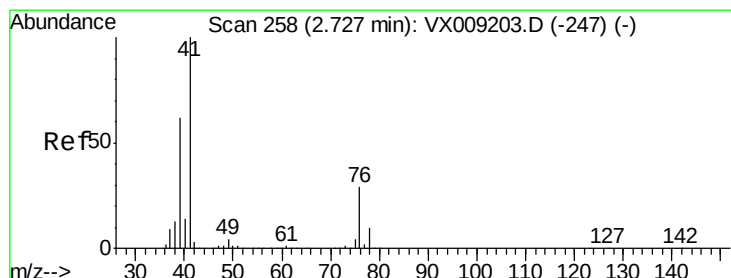
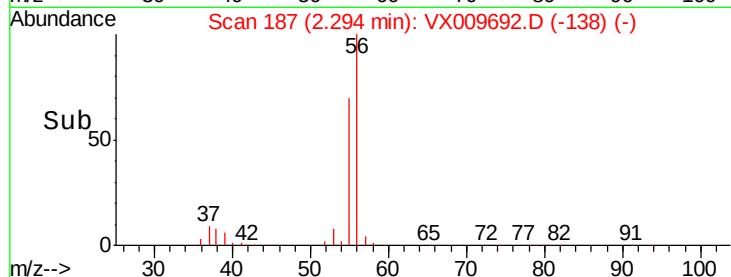
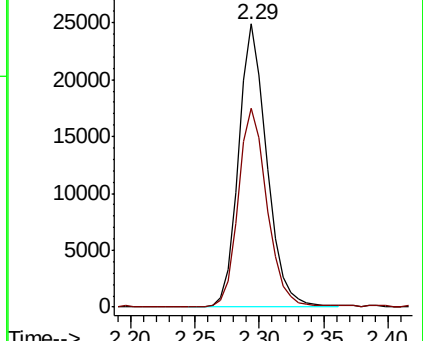
56 100

55 71.4 56.6 85.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 20.778 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX009692.D

Acq: 18 May 2019 04:19

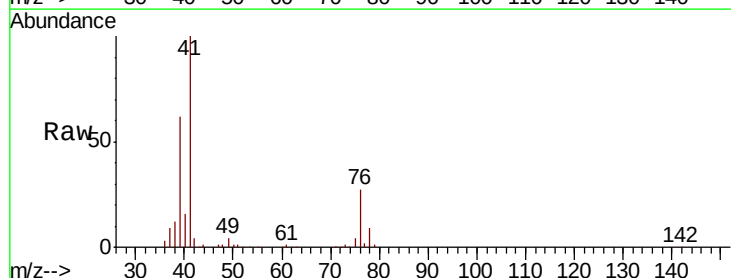
Tgt Ion: 41 Resp: 64356

Ion Ratio Lower Upper

41 100

39 58.4 46.7 70.1

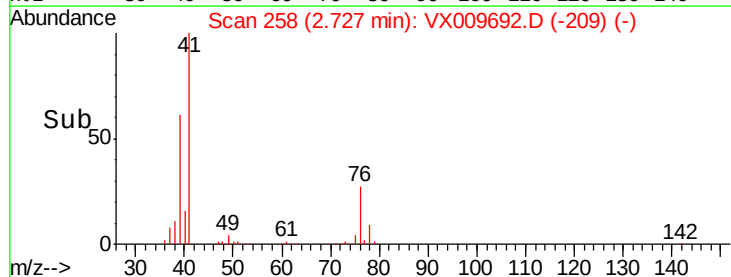
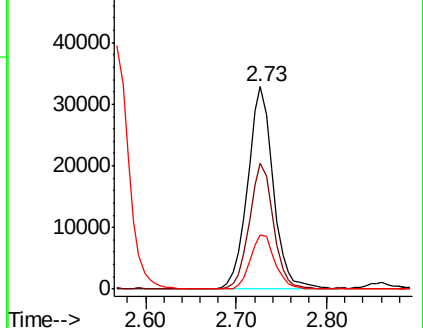
76 25.7 21.8 32.8

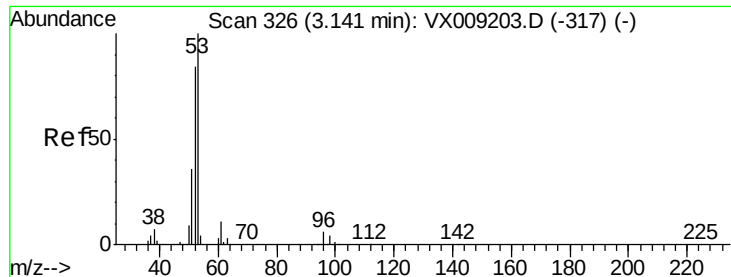


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 119.260 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX009692.D

Acq: 18 May 2019 04:19

Instrument :

MSVOA_X

ClientSampleId :

VX0517WBSD04

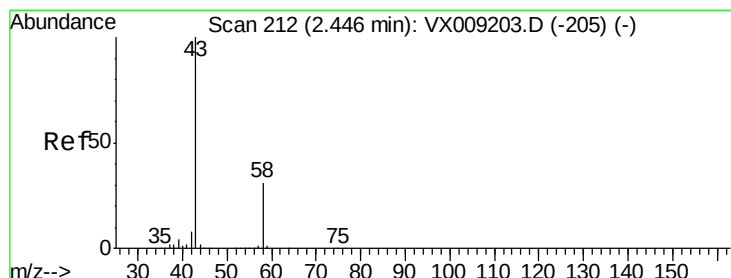
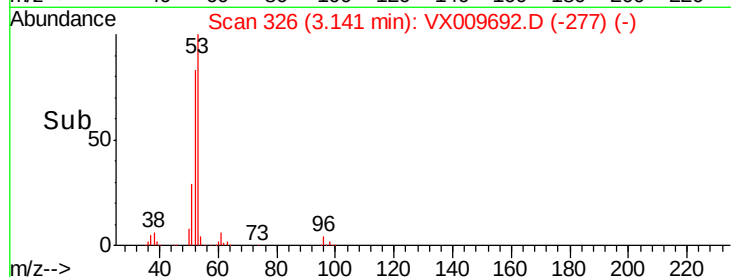
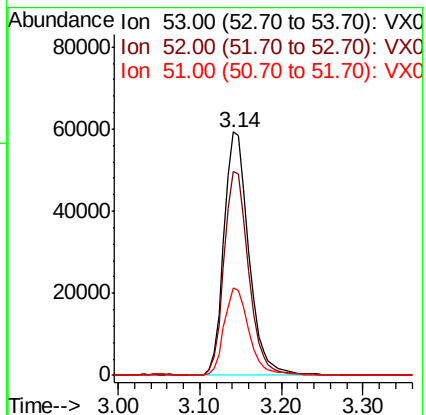
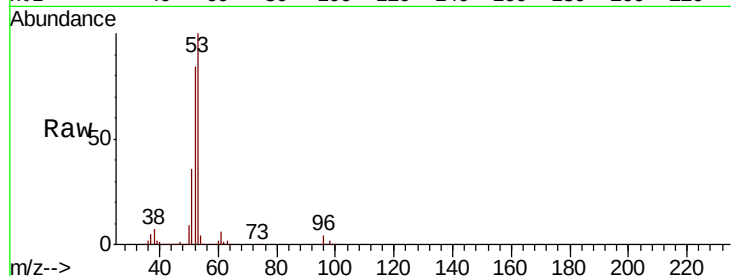
Tot Ion: 53 Resp: 124813

Ion Ratio Lower Upper

53 100

52 83.2 66.9 100.3

51 36.2 28.2 42.2



#16

Acetone

Concen: 112.447 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX009692.D

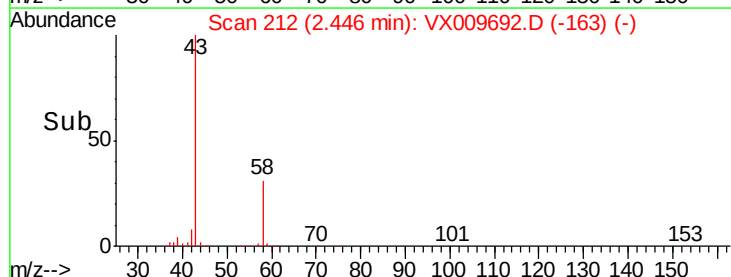
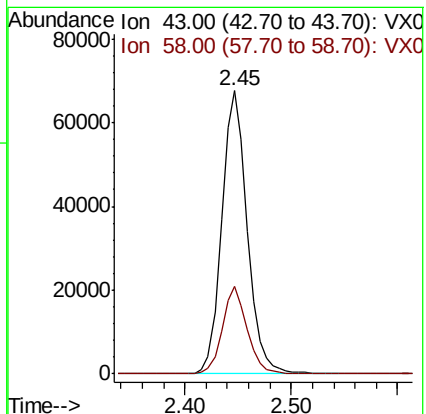
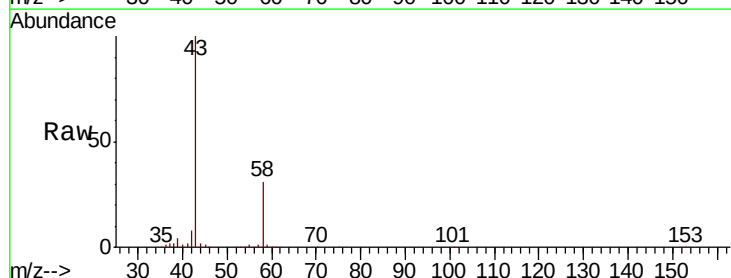
Acq: 18 May 2019 04:19

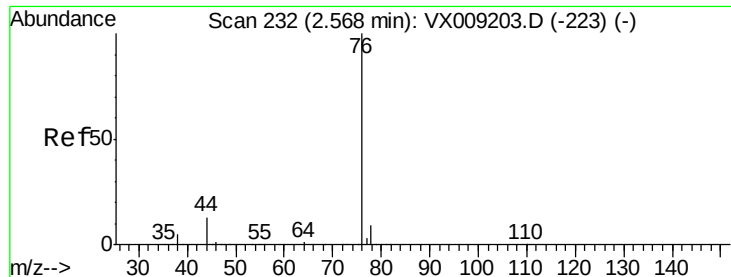
Tgt Ion: 43 Resp: 111650

Ion Ratio Lower Upper

43 100

58 30.8 24.9 37.3

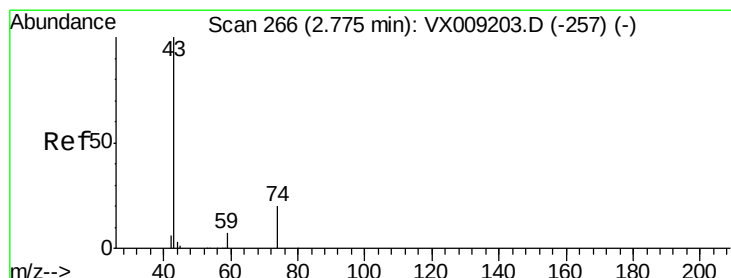
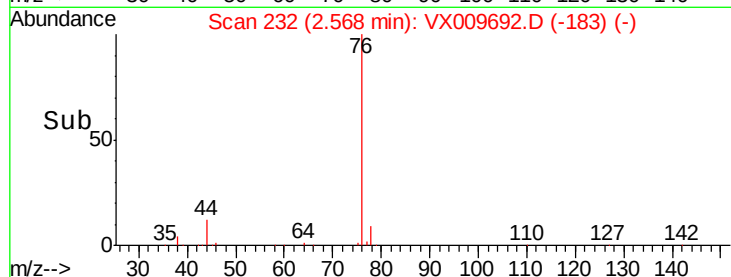
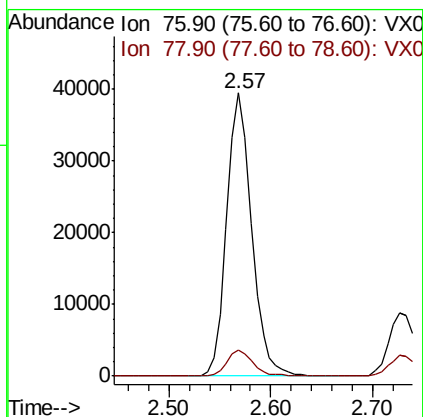
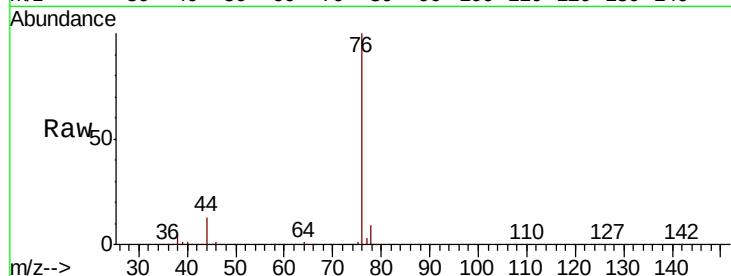




#17
Carbon Disulfide
Concen: 18.787 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX009692.D
Acq: 18 May 2019 04:19

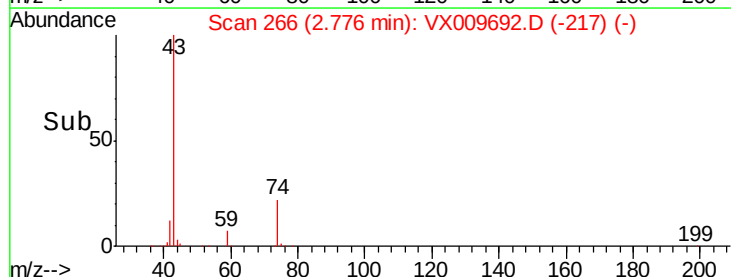
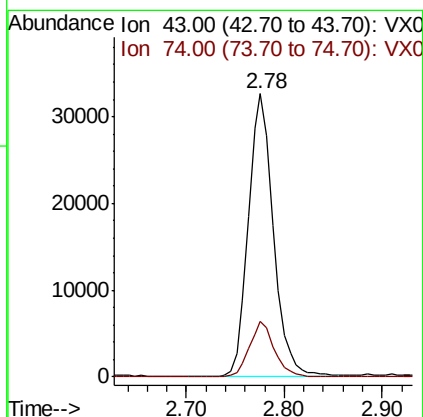
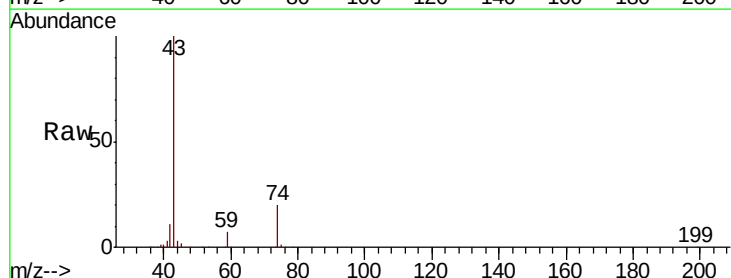
Instrument :
MSVOA_X
ClientSampleId :
VX0517WBSD04

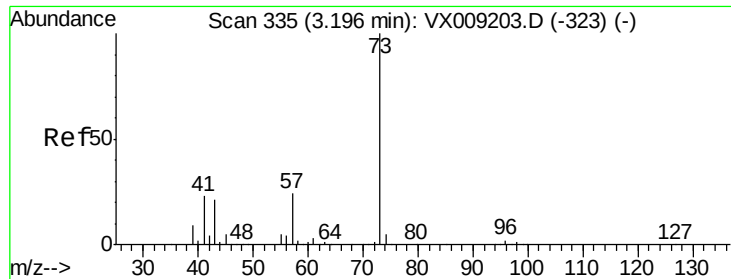
Tot Ion: 76 Resp: 67039
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0



#18
Methyl Acetate
Concen: 24.755 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX009692.D
Acq: 18 May 2019 04:19

Tgt Ion: 43 Resp: 58456
Ion Ratio Lower Upper
43 100
74 19.5 16.2 24.4

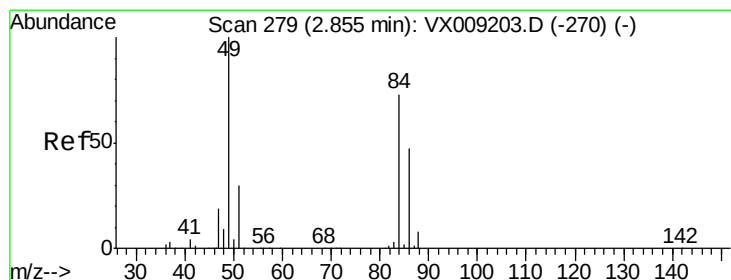
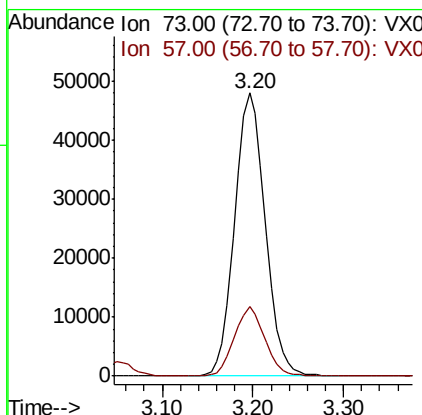
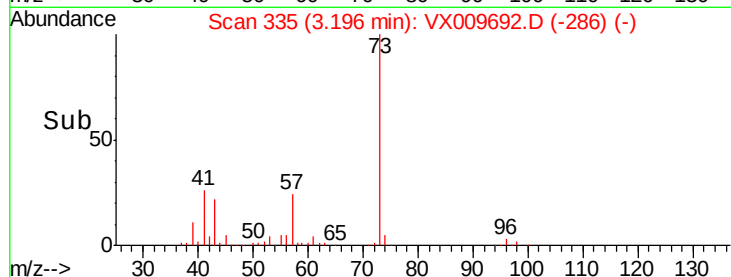
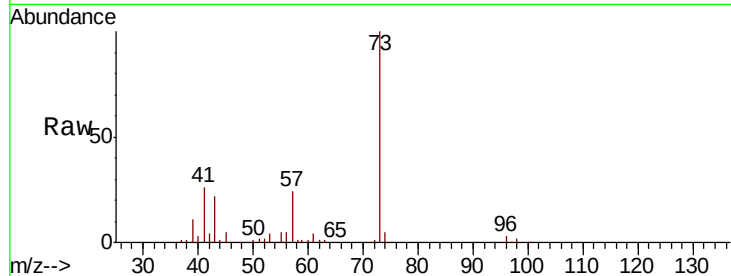




#19
Methyl tert-butyl Ether
Concen: 22.751 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX009692.D
Acq: 18 May 2019 04:19

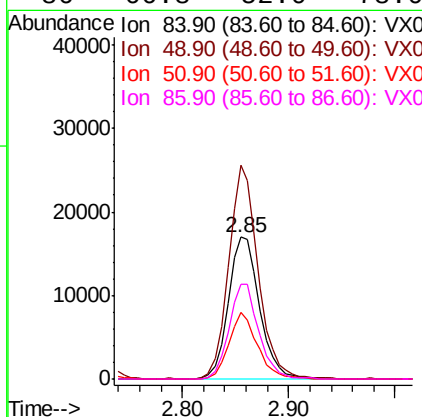
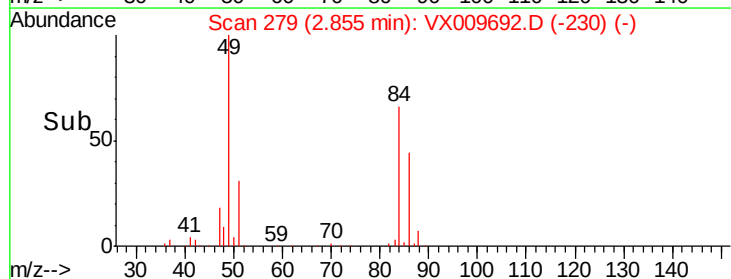
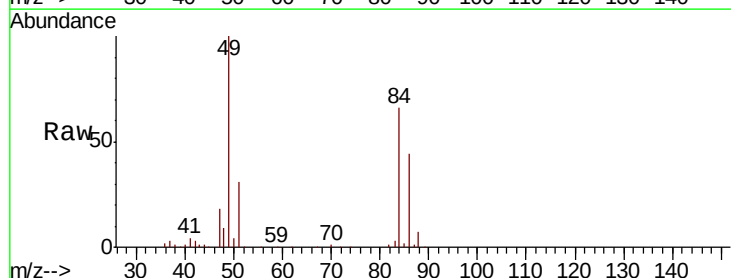
Instrument :
MSVOA_X
ClientSampleID :
VX0517WBSD04

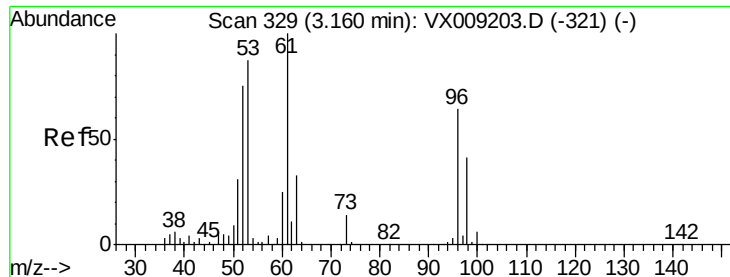
Tot Ion: 73 Resp: 112286
Ion Ratio Lower Upper
73 100
57 24.4 19.3 28.9



#20
Methylene Chloride
Concen: 21.588 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX009692.D
Acq: 18 May 2019 04:19

Tgt Ion: 84 Resp: 34706
Ion Ratio Lower Upper
84 100
49 150.6 109.9 164.9
51 47.2 32.7 49.1
86 66.8 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 21.048 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX009692.D

Acq: 18 May 2019 04:19

Instrument :

MSVOA_X

ClientSampleId :

VX0517WBSD04

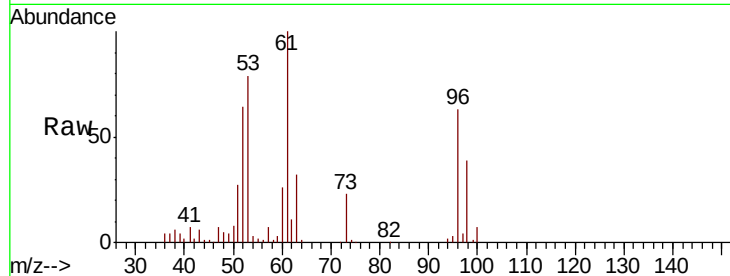
Tot Ion: 96 Resp: 29012

Ion Ratio Lower Upper

96 100

61 159.6 124.5 186.7

98 62.1 50.4 75.6

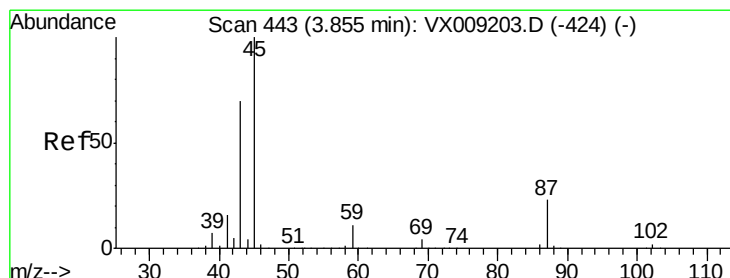
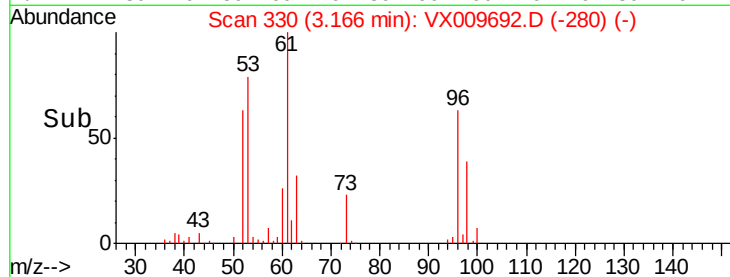
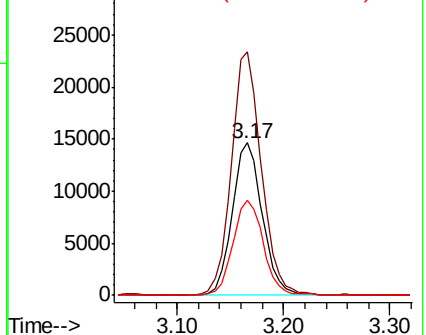


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 23.005 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX009692.D

Acq: 18 May 2019 04:19

Tgt Ion: 45 Resp: 137034

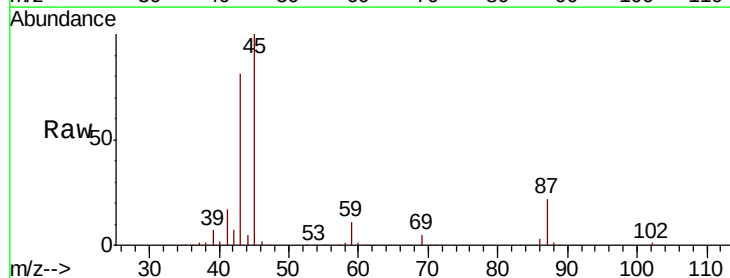
Ion Ratio Lower Upper

45 100

43 80.9 56.1 84.1

87 22.4 18.1 27.1

59 11.1 8.5 12.7



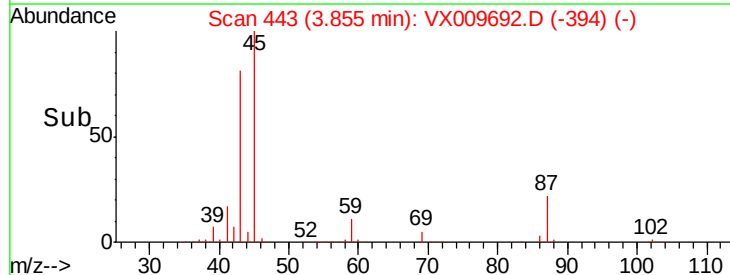
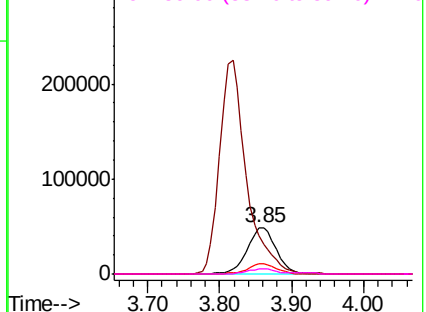
Abundance

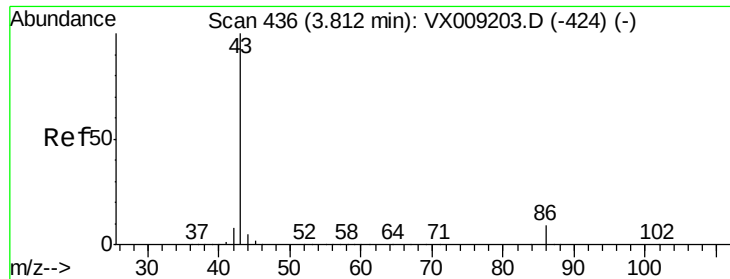
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 115.322 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.01 min

Lab File: VX009692.D

Acq: 18 May 2019 04:19

Instrument :

MSVOA_X

ClientSampleId :

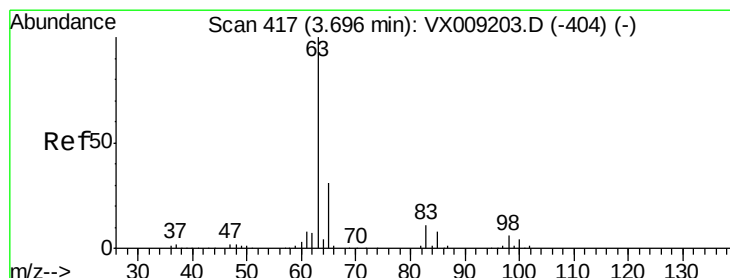
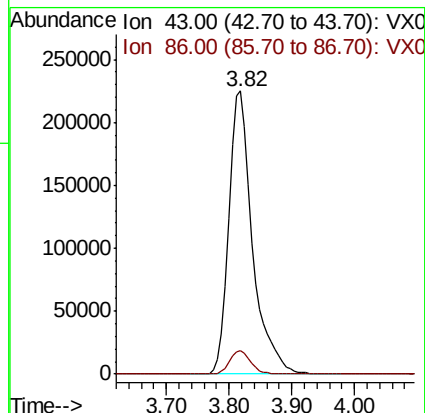
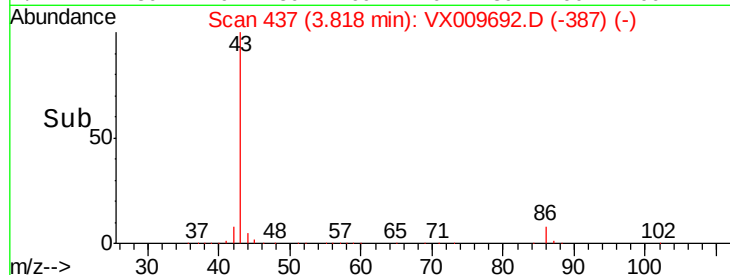
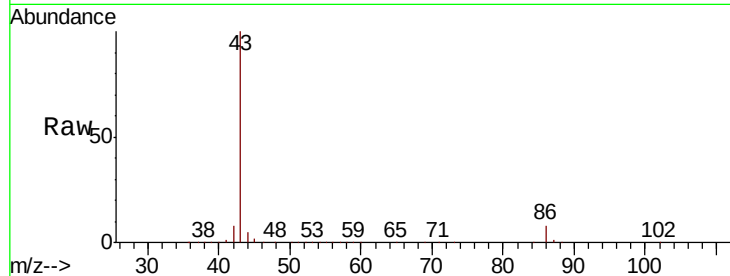
VX0517WBSD04

Tot Ion: 43 Resp: 588222

Ion Ratio Lower Upper

43 100

86 8.4 6.9 10.3



#24

1,1-Dichloroethane

Concen: 22.295 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX009692.D

Acq: 18 May 2019 04:19

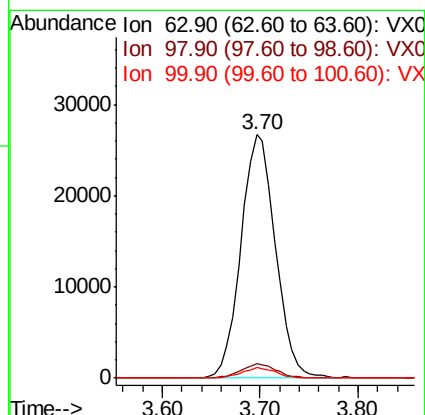
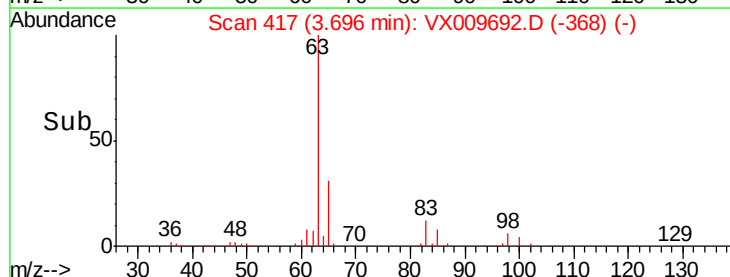
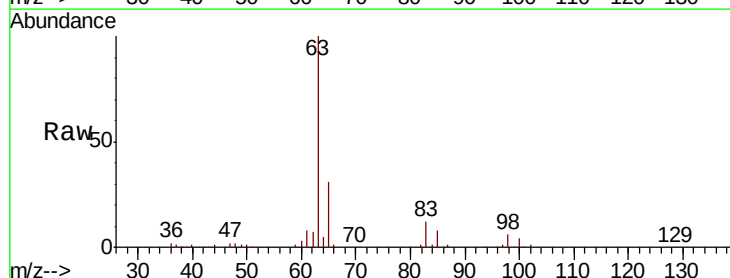
Tgt Ion: 63 Resp: 65513

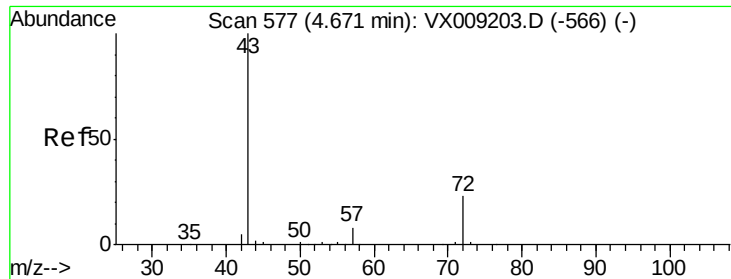
Ion Ratio Lower Upper

63 100

98 6.0 3.0 9.2

100 4.3 2.0 6.0





#25

2-Butanone

Concen: 120.749 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.01 min

Lab File: VX009692.D

Acq: 18 May 2019 04:19

Instrument :

MSVOA_X

ClientSampleId :

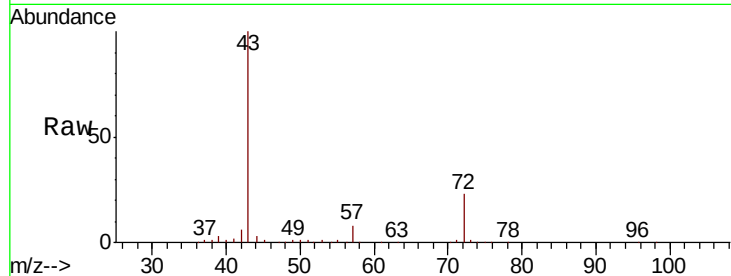
VX0517WBSD04

Tot Ion: 43 Resp: 186311

Ion Ratio Lower Upper

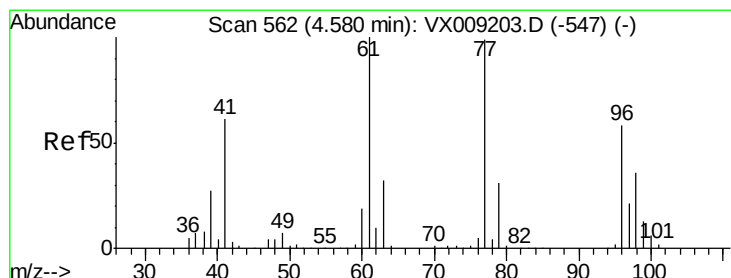
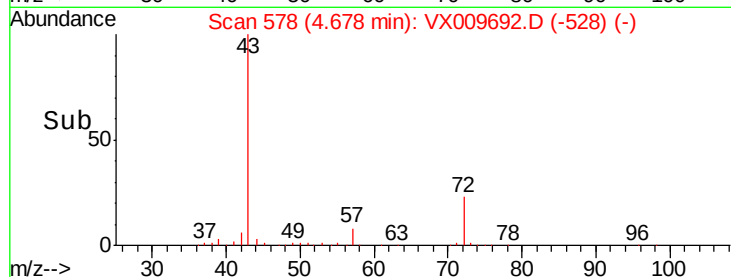
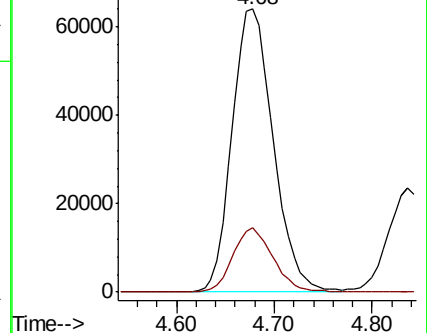
43 100

72 22.6 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 12.982 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX009692.D

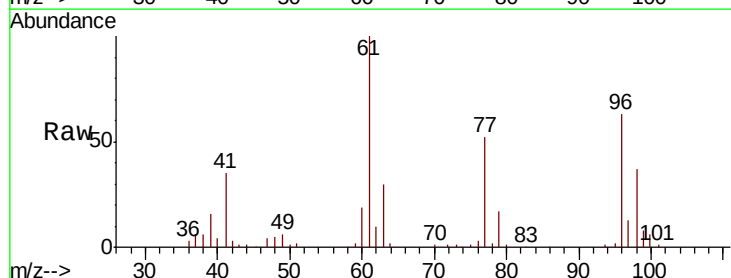
Acq: 18 May 2019 04:19

Tgt Ion: 77 Resp: 28394

Ion Ratio Lower Upper

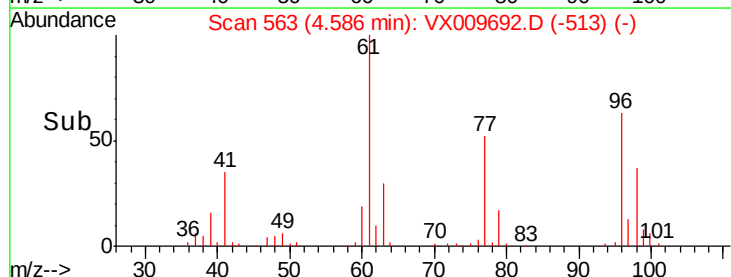
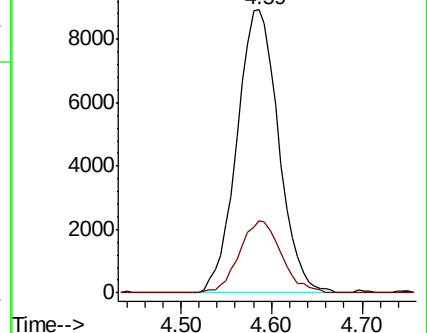
77 100

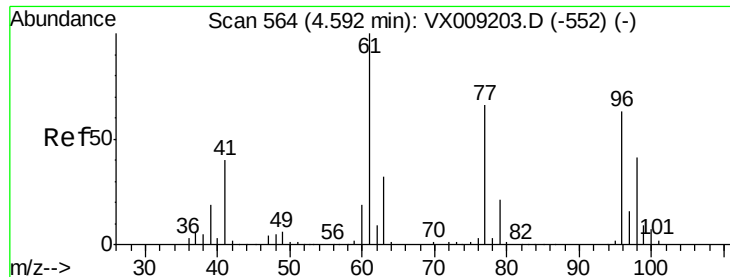
97 25.7 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



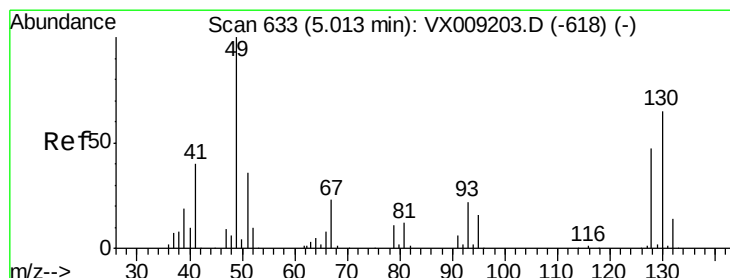
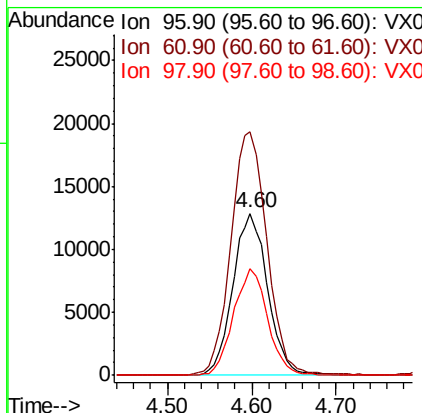
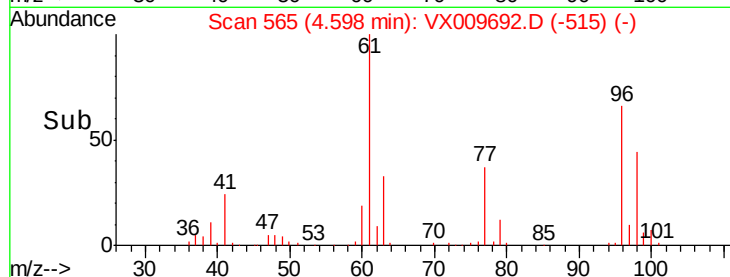
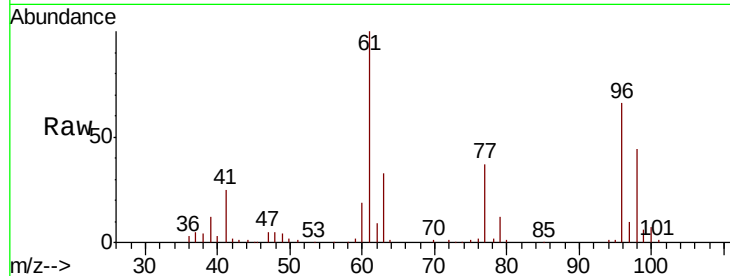


#27

cis-1,2-Dichloroethene
Concen: 21.758 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX009692.D
Acq: 18 May 2019 04:19

Instrument :
MSVOA_X
ClientSampleId :
VX0517WBSD04

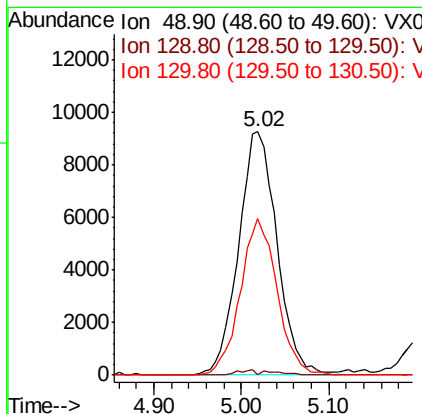
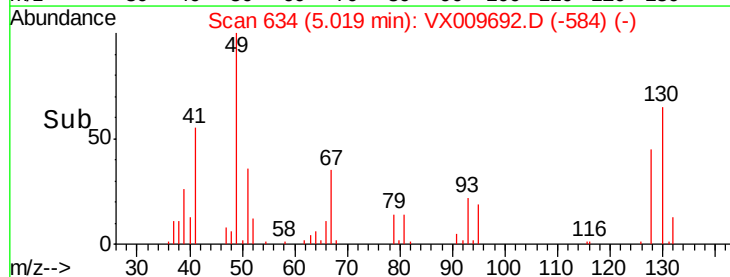
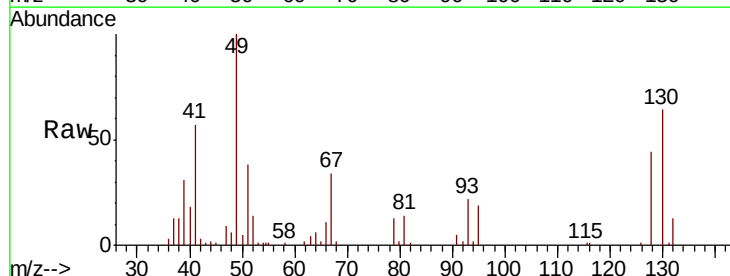
Tot Ion: 96 Resp: 35797
Ion Ratio Lower Upper
96 100
61 157.0 0.0 324.0
98 64.9 0.0 130.4

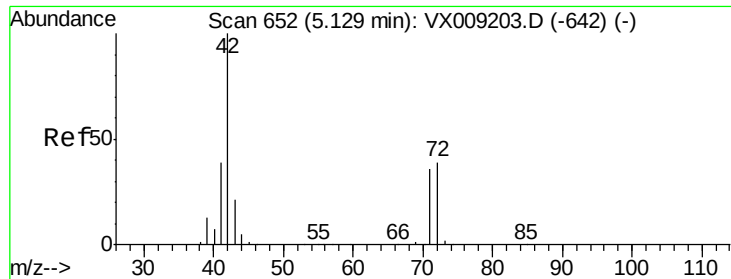


#28

Bromochloromethane
Concen: 22.396 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.01 min
Lab File: VX009692.D
Acq: 18 May 2019 04:19

Tgt Ion: 49 Resp: 28281
Ion Ratio Lower Upper
49 100
129 0.9 0.0 3.8
130 61.2 51.2 76.8

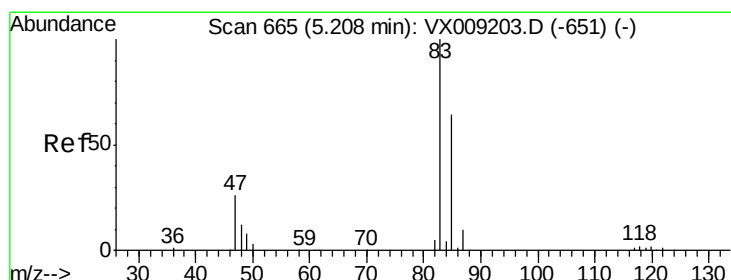
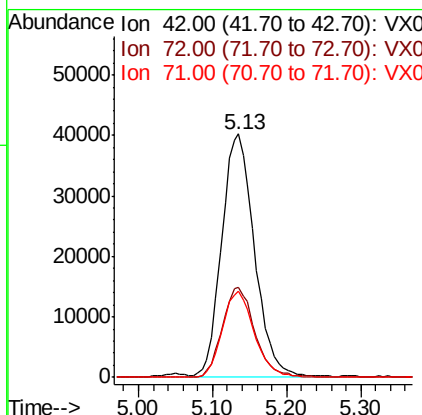
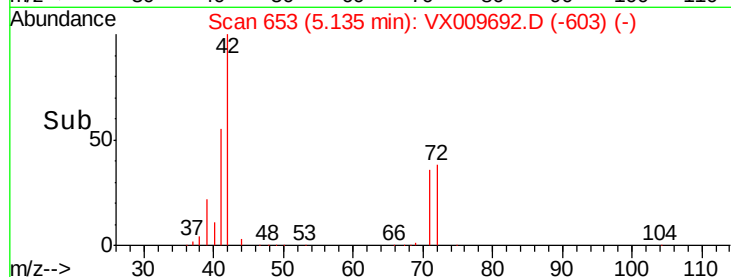
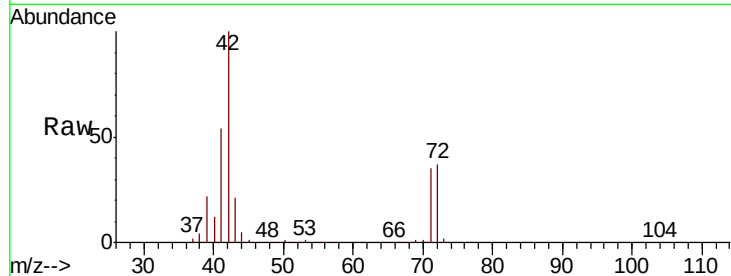




#29
Tetrahydrofuran
Concen: 123.501 ug/l
RT: 5.13 min Scan# 653
Delta R.T. 0.01 min
Lab File: VX009692.D
Acq: 18 May 2019 04:19

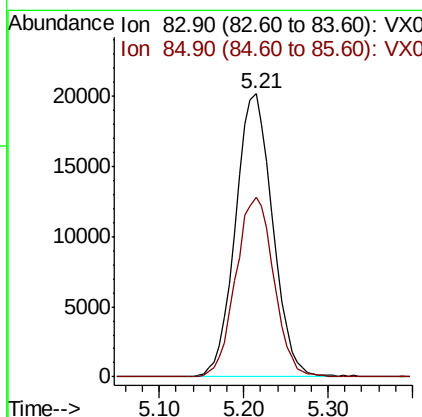
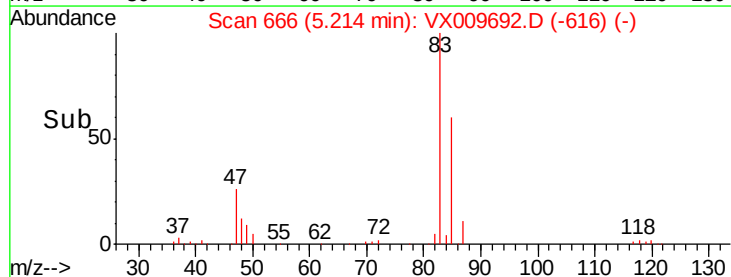
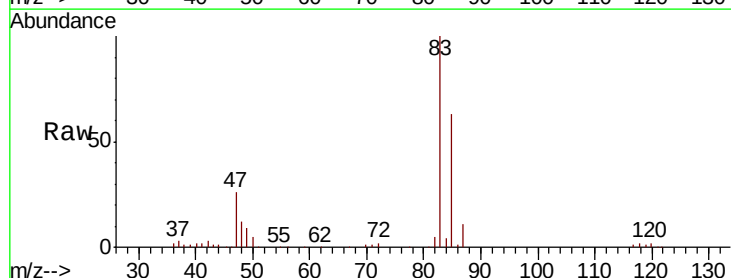
Instrument :
MSVOA_X
ClientSampleId :
VX0517WBSD04

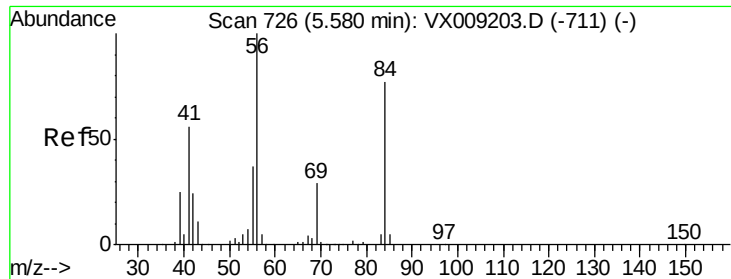
Tot Ion: 42 Resp: 122622
Ion Ratio Lower Upper
42 100
72 37.2 30.4 45.6
71 34.9 28.6 43.0



#30
Chloroform
Concen: 22.640 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.01 min
Lab File: VX009692.D
Acq: 18 May 2019 04:19

Tgt Ion: 83 Resp: 60169
Ion Ratio Lower Upper
83 100
85 63.4 51.5 77.3

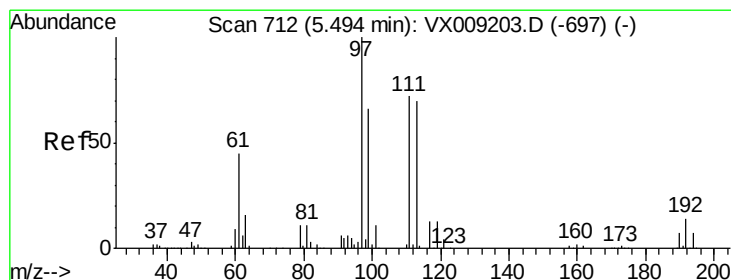
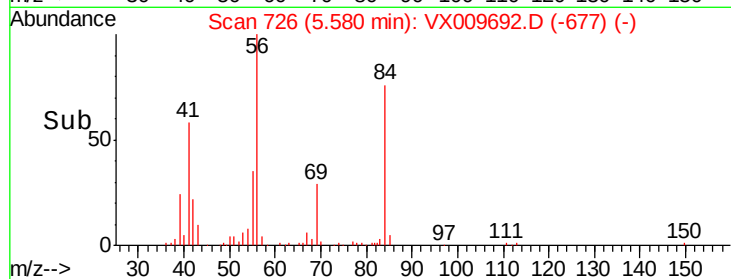
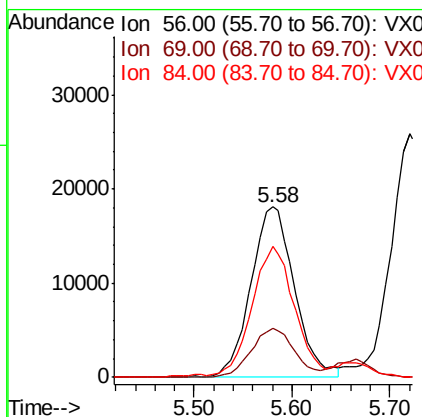
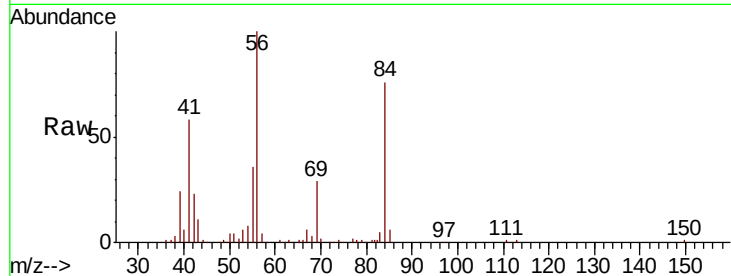




#31
Cyclohexane
Concen: 20.614 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX009692.D
Acq: 18 May 2019 04:19

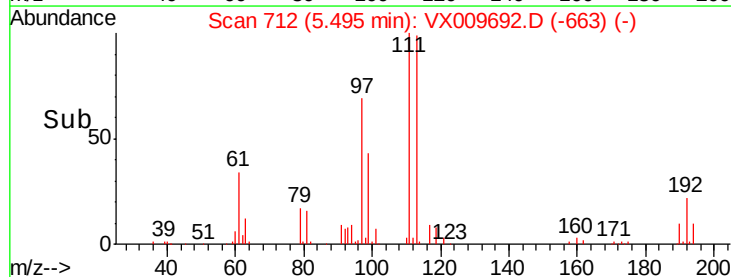
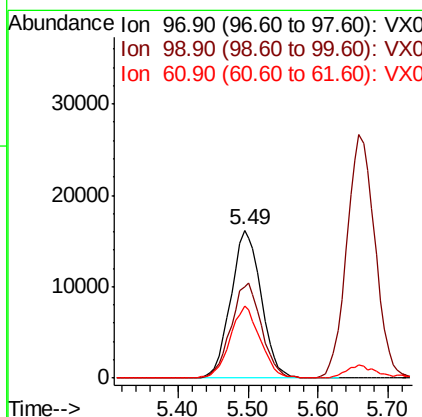
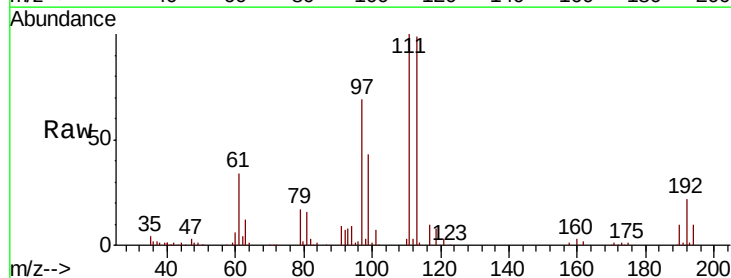
Instrument :
MSVOA_X
ClientSampleId :
VX0517WBSD04

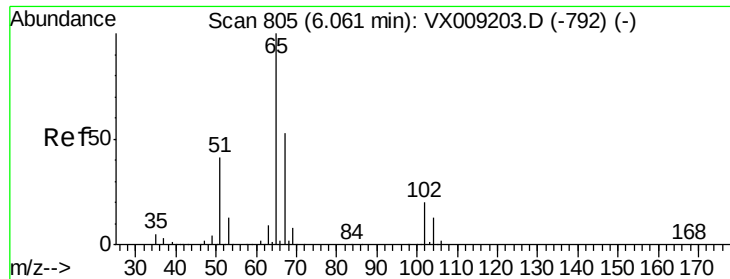
Tot Ion: 56 Resp: 56356
Ion Ratio Lower Upper
56 100
69 28.7 23.4 35.0
84 75.3 61.9 92.9



#32
1,1,1-Trichloroethane
Concen: 22.038 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX009692.D
Acq: 18 May 2019 04:19

Tgt Ion: 97 Resp: 48757
Ion Ratio Lower Upper
97 100
99 64.6 51.8 77.8
61 48.4 37.8 56.8

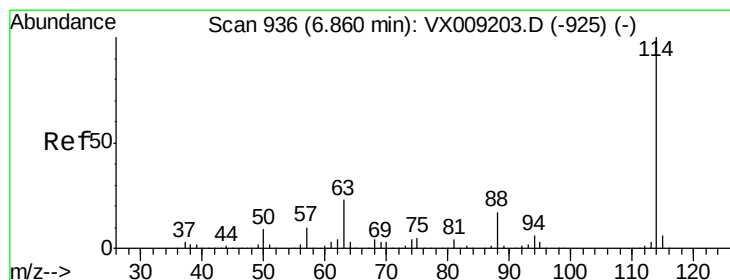
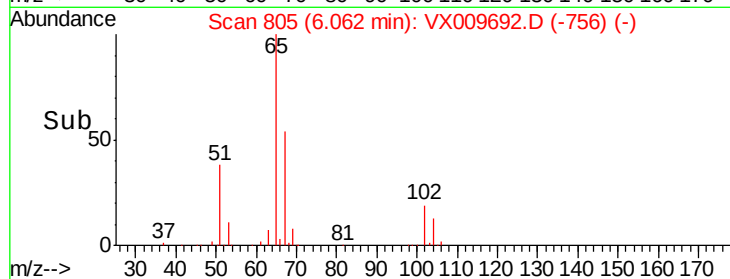
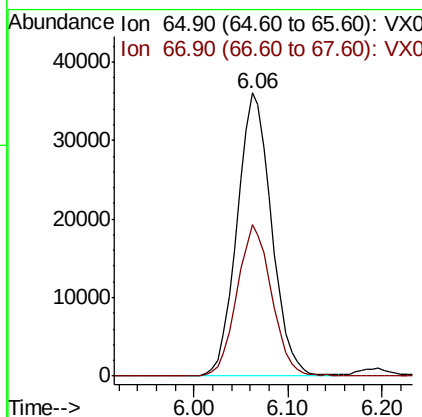
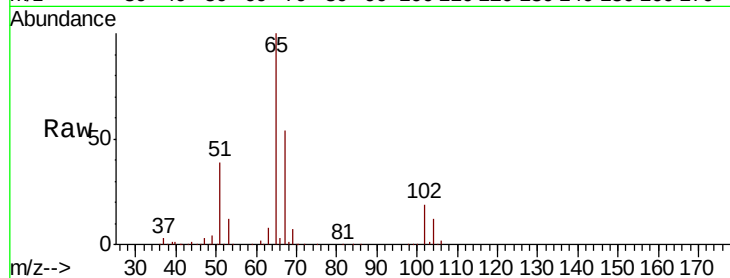




#33
 1,2-Dichloroethane-d4
 Concen: 49.884 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX009692.D
 Acq: 18 May 2019 04:19

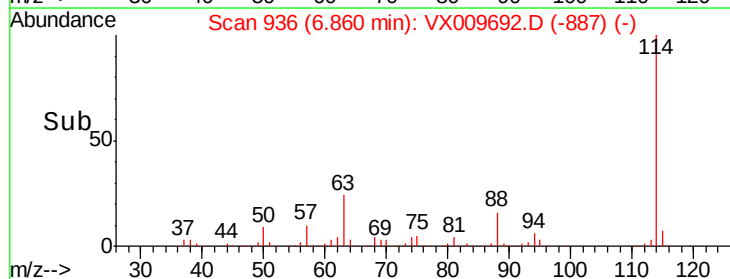
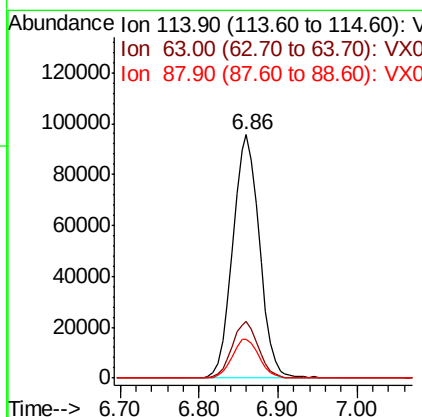
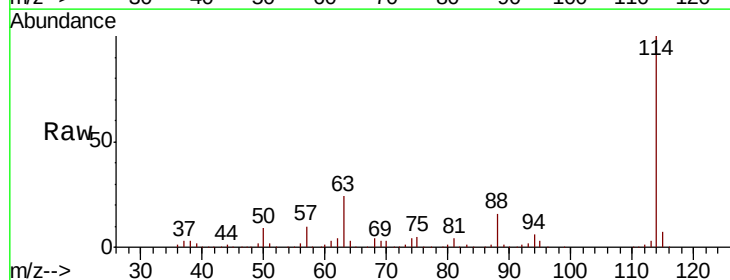
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0517WBSD04

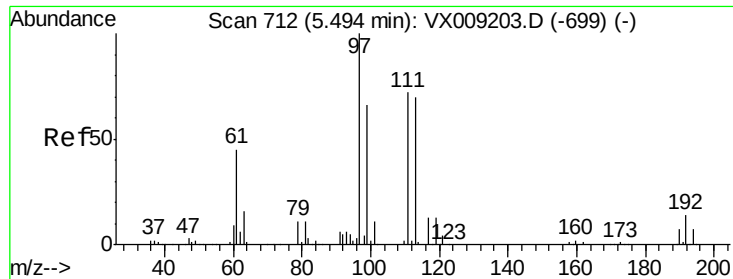
Tot Ion: 65 Resp: 92243
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009692.D
 Acq: 18 May 2019 04:19

Tgt Ion: 114 Resp: 224651
 Ion Ratio Lower Upper
 114 100
 63 23.6 0.0 45.6
 88 16.1 0.0 33.2





#35

Dibromofluoromethane

Concen: 48.587 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009692.D

Acq: 18 May 2019 04:19

Instrument :

MSVOA_X

ClientSampleId :

VX0517WBSD04

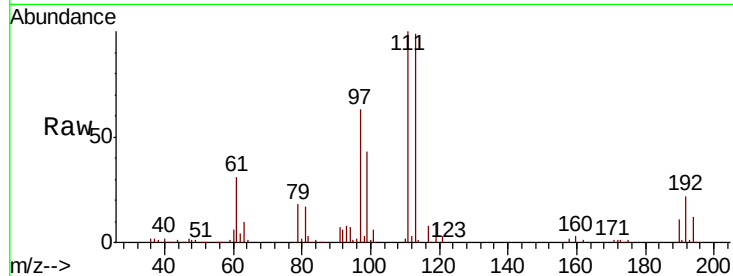
Tot Ion:113 Resp: 68617

Ion Ratio Lower Upper

113 100

111 102.3 82.8 124.2

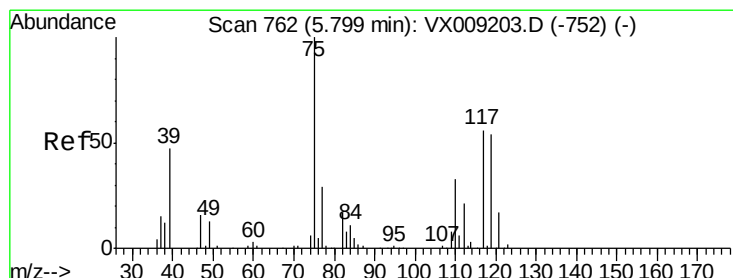
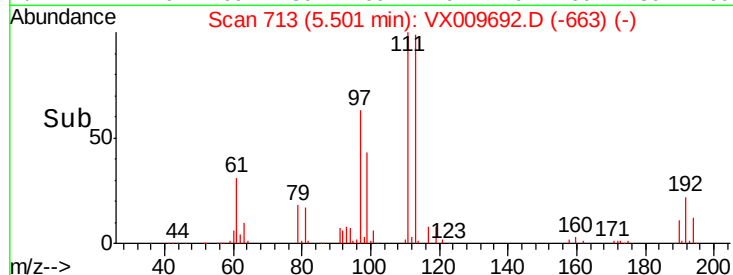
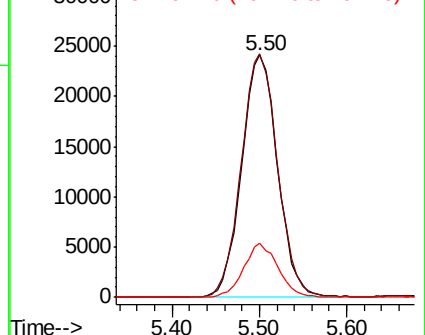
192 21.3 17.0 25.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 20.472 ug/l

RT: 5.81 min Scan# 763

Delta R.T. 0.01 min

Lab File: VX009692.D

Acq: 18 May 2019 04:19

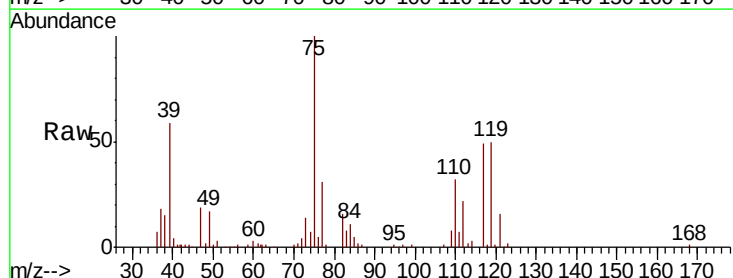
Tgt Ion: 75 Resp: 42740

Ion Ratio Lower Upper

75 100

110 33.5 16.9 50.6

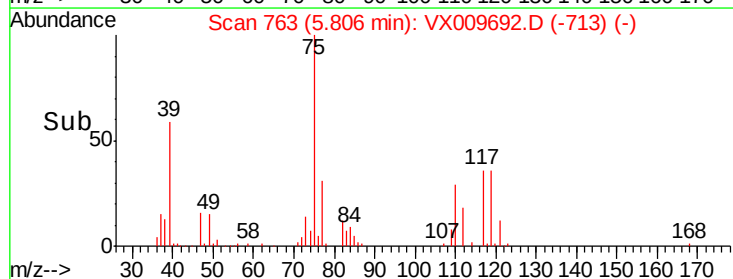
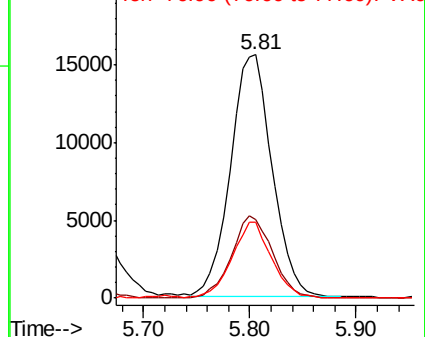
77 30.1 24.8 37.2

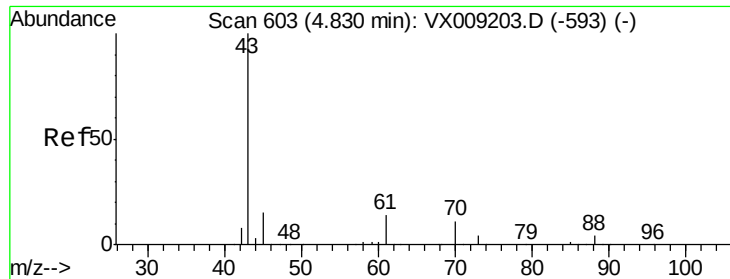


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 23.842 ug/l

RT: 4.84 min Scan# 604

Delta R.T. 0.01 min

Lab File: VX009692.D

Acq: 18 May 2019 04:19

Instrument :

MSVOA_X

ClientSampleId :

VX0517WBSD04

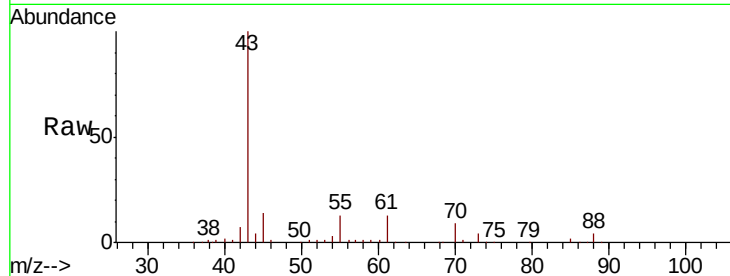
Tot Ion: 43 Resp: 69351

Ion Ratio Lower Upper

43 100

61 13.3 10.5 15.7

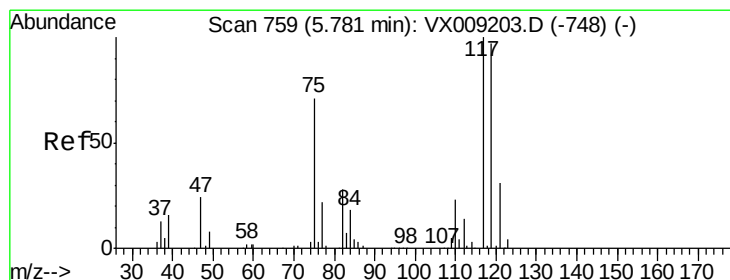
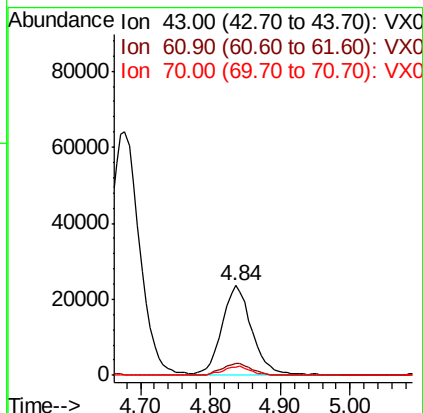
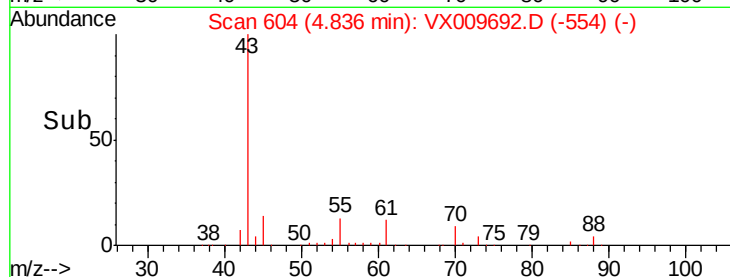
70 9.3 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 20.578 ug/l

RT: 5.79 min Scan# 760

Delta R.T. 0.01 min

Lab File: VX009692.D

Acq: 18 May 2019 04:19

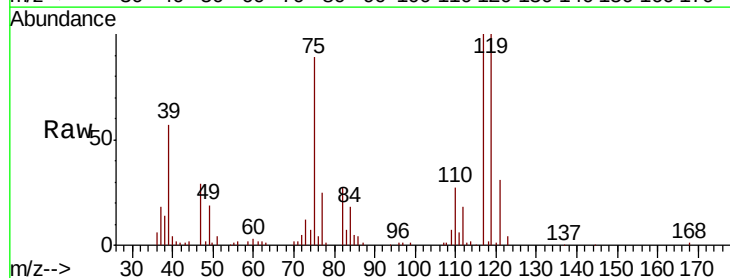
Tgt Ion: 117 Resp: 39032

Ion Ratio Lower Upper

117 100

119 99.6 77.5 116.3

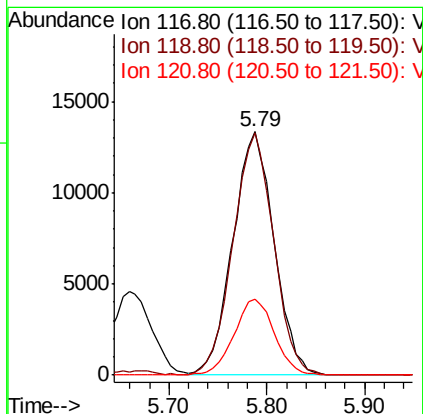
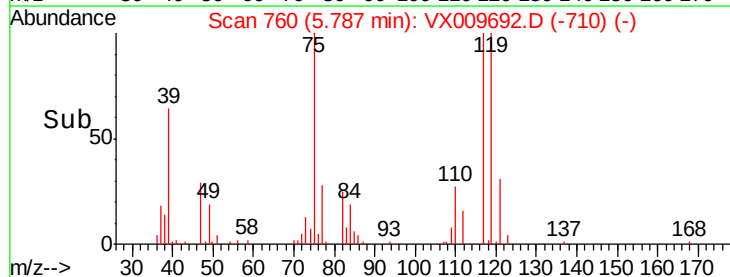
121 31.4 24.7 37.1

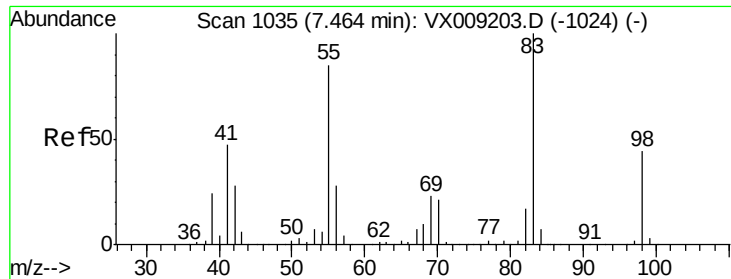


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

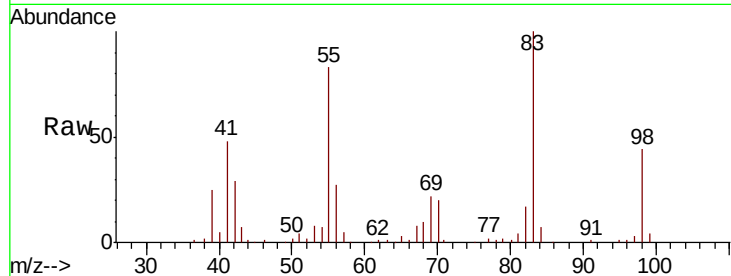




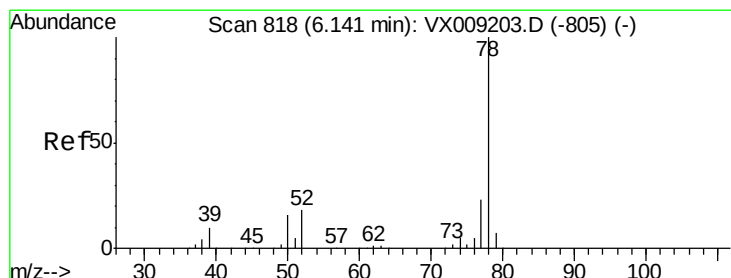
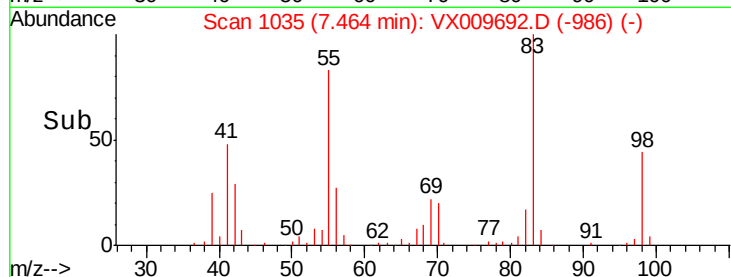
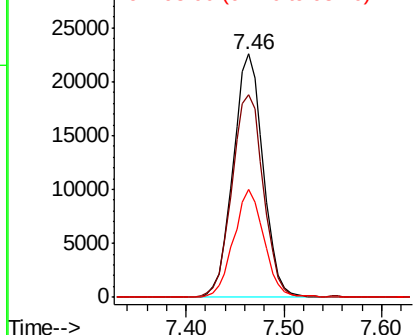
#39
Methylvlcyclohexane
Concen: 18.757 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX009692.D
Acq: 18 May 2019 04:19

Instrument :
MSVOA_X
ClientSampleId :
VX0517WBSD04

Tot Ion: 83 Resp: 48090
Ion Ratio Lower Upper
83 100
55 83.2 67.7 101.5
98 44.5 35.5 53.3

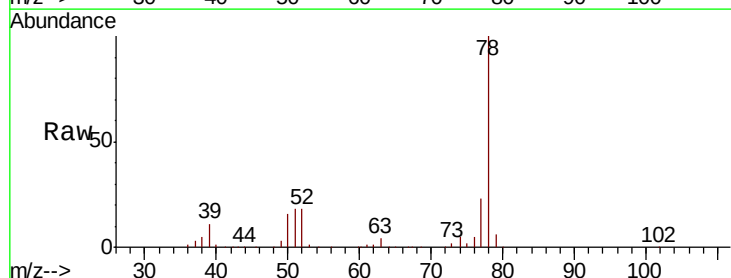


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

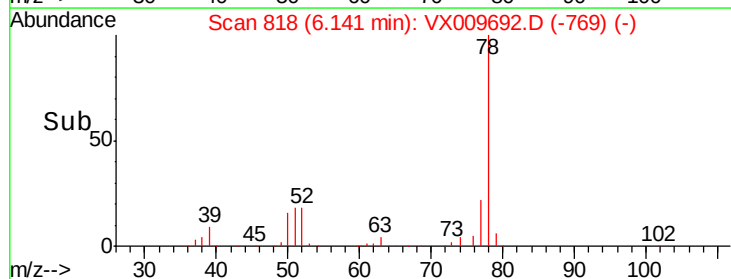
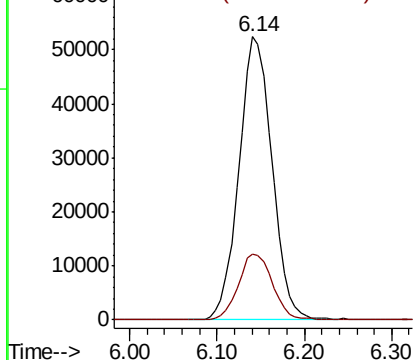


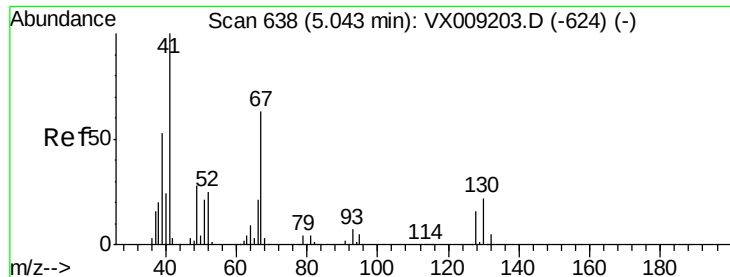
#40
Benzene
Concen: 21.310 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX009692.D
Acq: 18 May 2019 04:19

Tgt Ion: 78 Resp: 137685
Ion Ratio Lower Upper
78 100
77 23.1 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 23.232 ug/l

RT: 5.04 min Scan# 638

Delta R.T. 0.00 min

Lab File: VX009692.D

Acq: 18 May 2019 04:19

Instrument :

MSVOA_X

ClientSampleId :

VX0517WBSD04

Tot Ion: 41 Resp: 40226

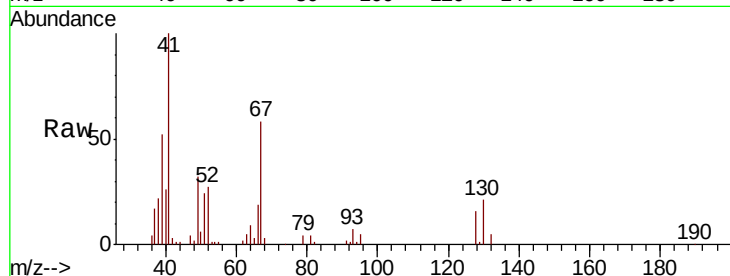
Ion Ratio Lower Upper

41 100

39 52.5 42.0 63.0

67 61.9 49.8 74.8

52 24.6 20.3 30.5

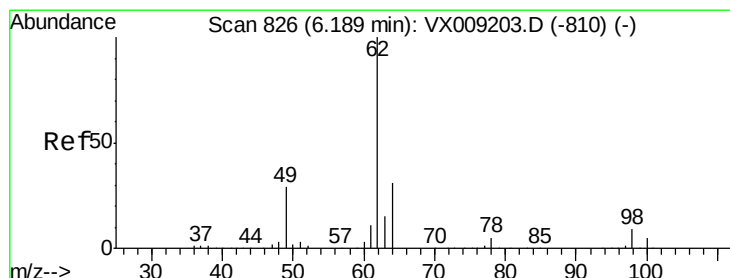
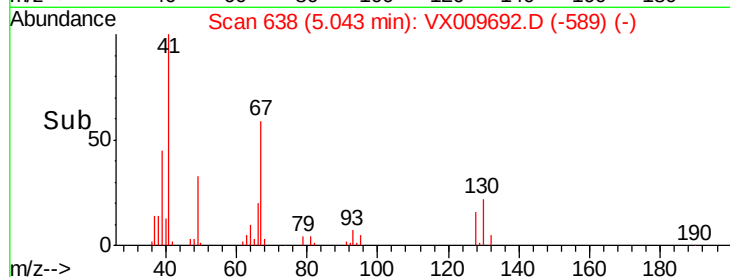
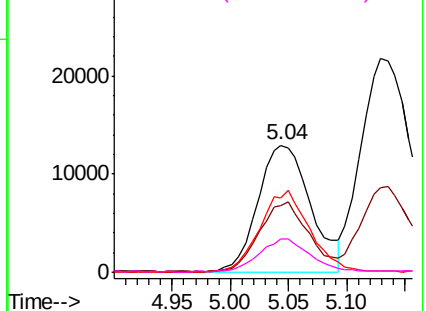


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 22.559 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.01 min

Lab File: VX009692.D

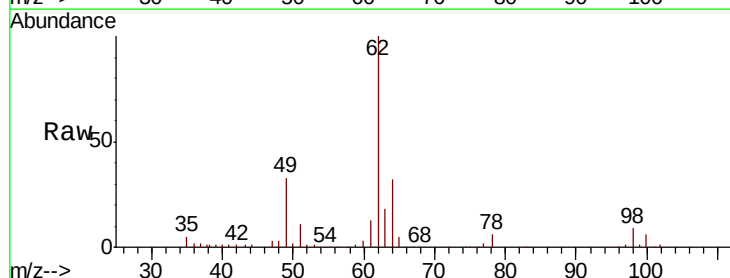
Acq: 18 May 2019 04:19

Tgt Ion: 62 Resp: 52285

Ion Ratio Lower Upper

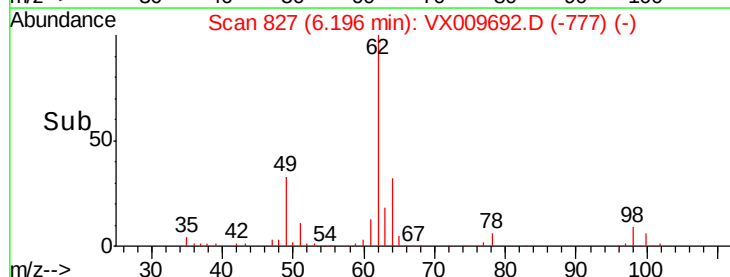
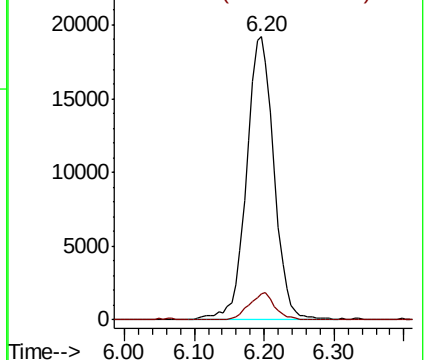
62 100

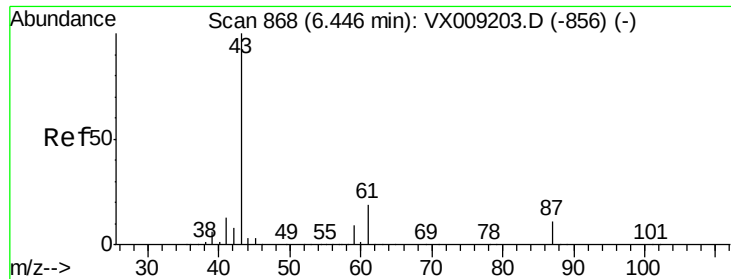
98 9.0 0.0 18.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



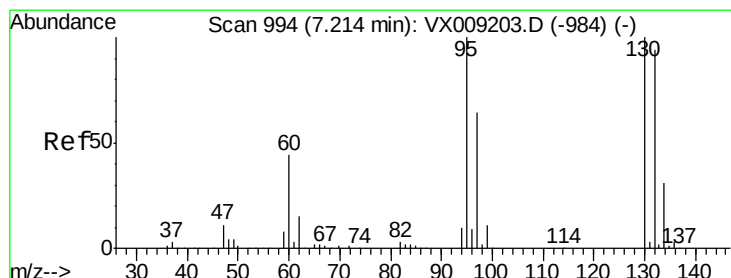
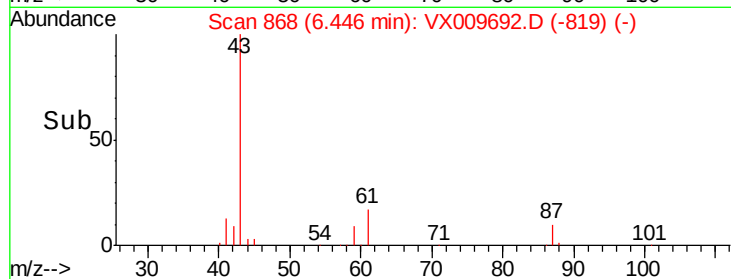
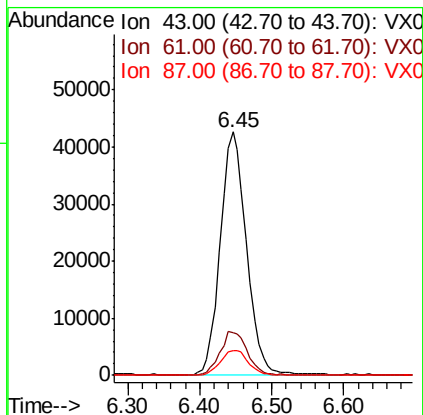
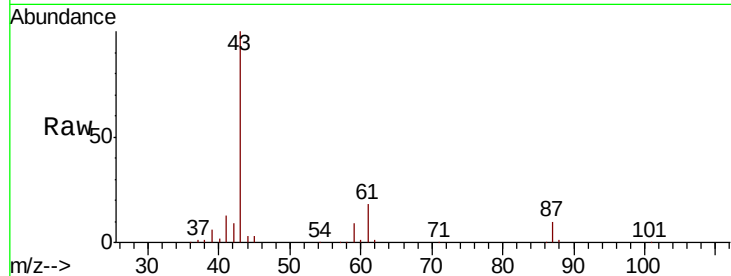


#43

Isopropyl Acetate
 Concen: 22.997 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. 0.00 min
 Lab File: VX009692.D
 Acq: 18 May 2019 04:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0517WBSD04

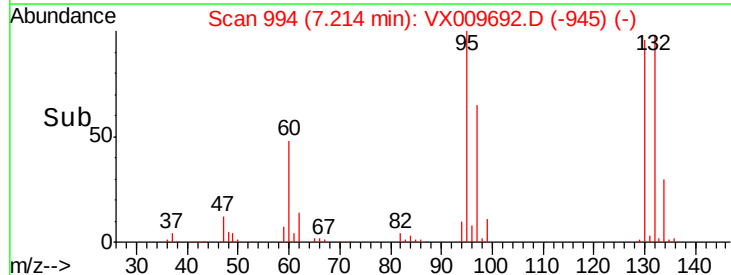
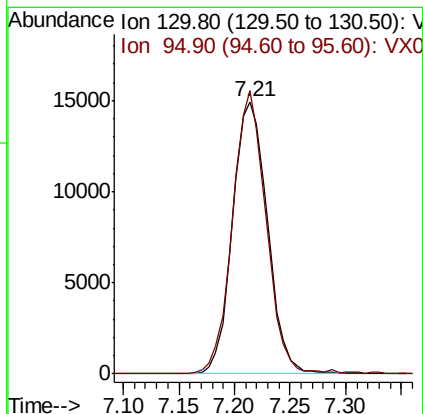
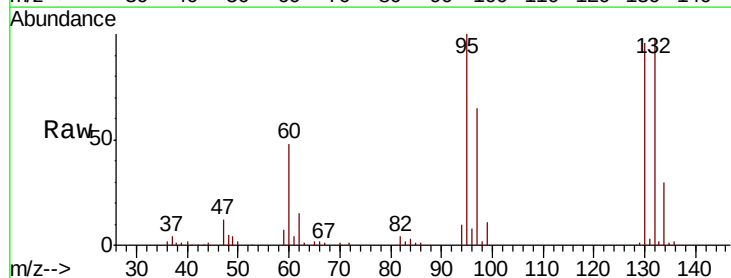
Tot Ion: 43 Resp: 107000
 Ion Ratio Lower Upper
 43 100
 61 18.7 15.1 22.7
 87 11.0 9.0 13.6

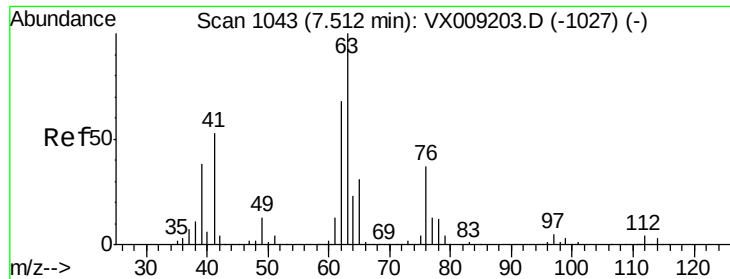


#44

Trichloroethene
 Concen: 20.750 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX009692.D
 Acq: 18 May 2019 04:19

Tgt Ion:130 Resp: 32411
 Ion Ratio Lower Upper
 130 100
 95 104.0 0.0 199.2

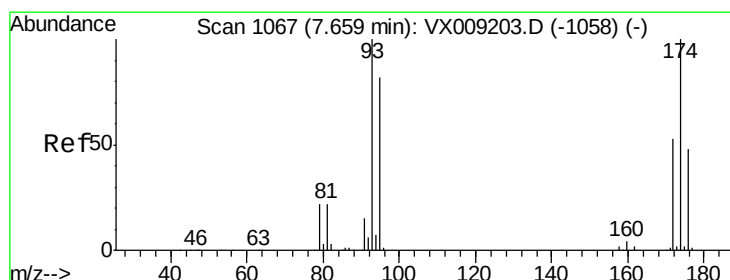
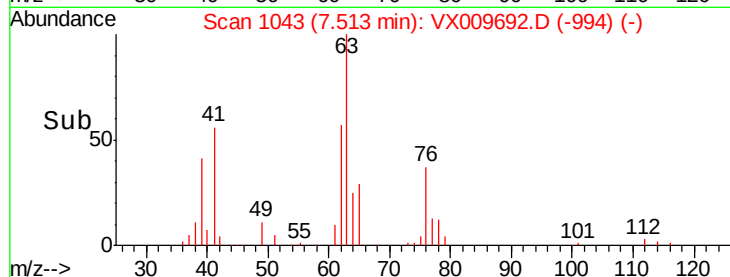
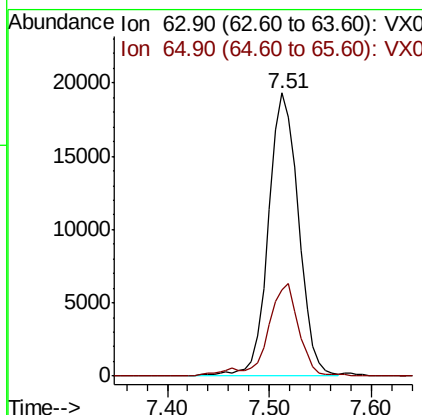
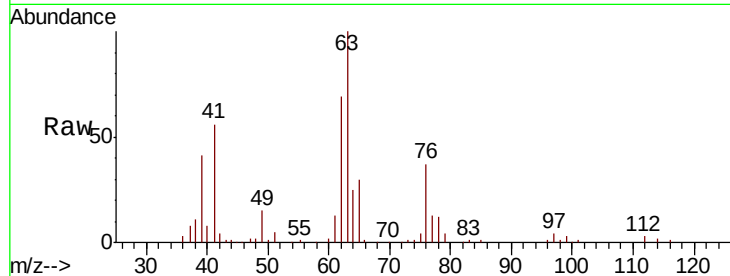




#45
 1,2-Dichloropropane
 Concen: 21.560 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX009692.D
 Acq: 18 May 2019 04:19

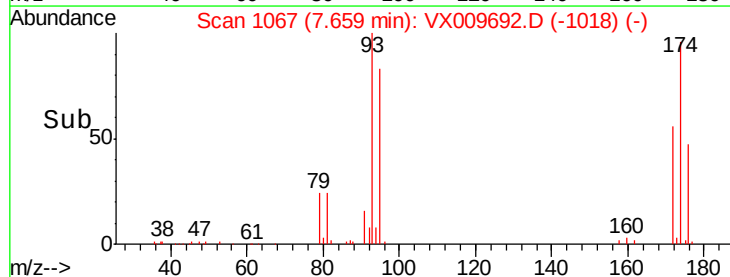
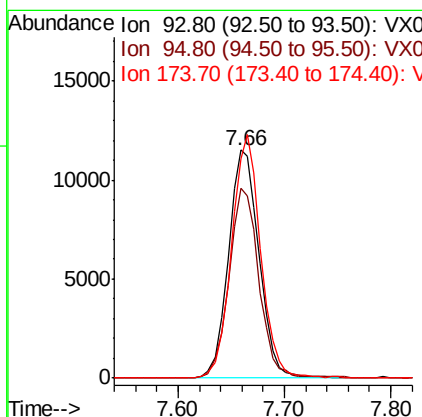
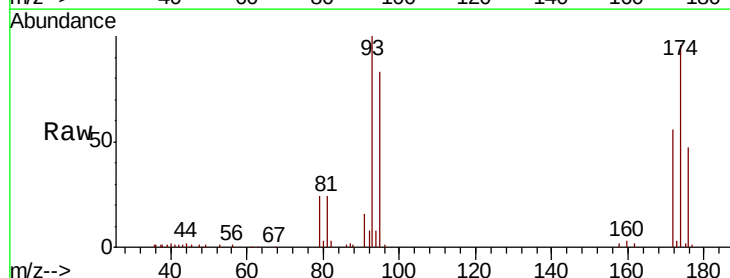
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0517WBSD04

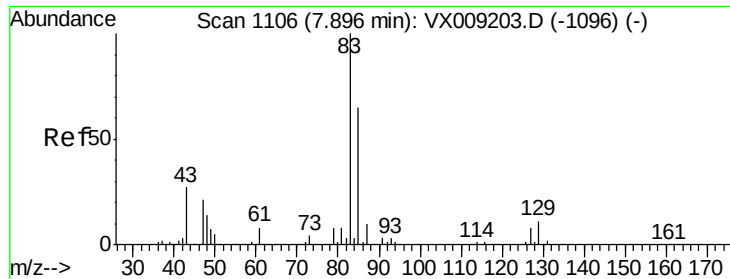
Tot Ion: 63 Resp: 39445
 Ion Ratio Lower Upper
 63 100
 65 30.3 25.0 37.6



#46
 Dibromomethane
 Concen: 21.803 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX009692.D
 Acq: 18 May 2019 04:19

Tgt Ion: 93 Resp: 23164
 Ion Ratio Lower Upper
 93 100
 95 81.5 66.5 99.7
 174 101.3 82.1 123.1





#47

Bromodichloromethane

Concen: 21.765 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX009692.D

Acq: 18 May 2019 04:19

Instrument :

MSVOA_X

ClientSampleId :

VX0517WBSD04

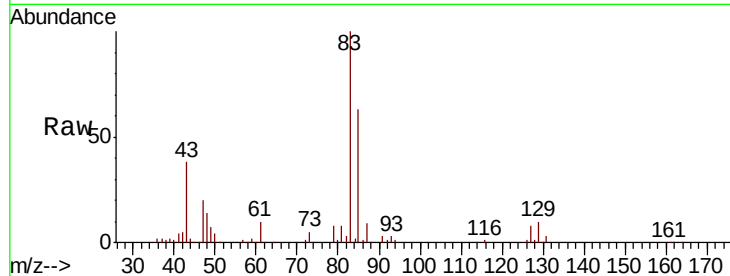
Tot Ion: 83 Resp: 46126

Ion Ratio Lower Upper

83 100

85 62.8 52.4 78.6

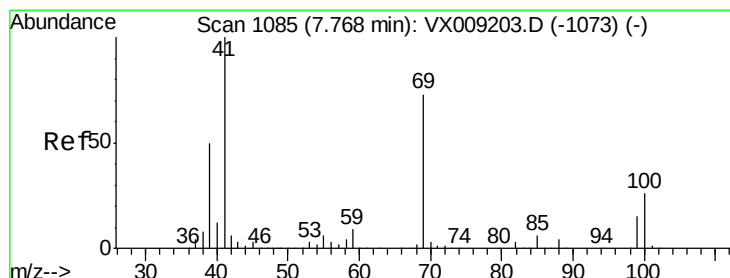
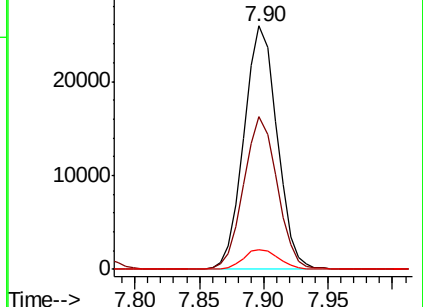
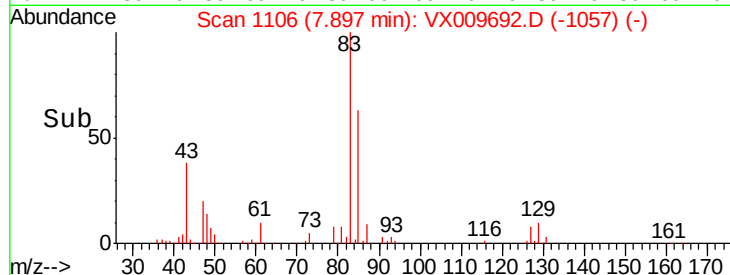
127 8.0 6.6 10.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 23.045 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX009692.D

Acq: 18 May 2019 04:19

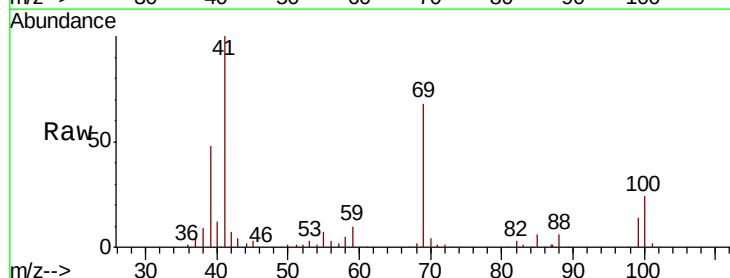
Tgt Ion: 41 Resp: 53195

Ion Ratio Lower Upper

41 100

69 72.6 59.1 88.7

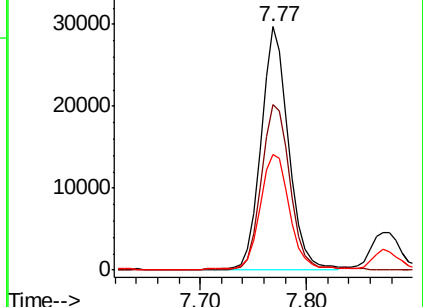
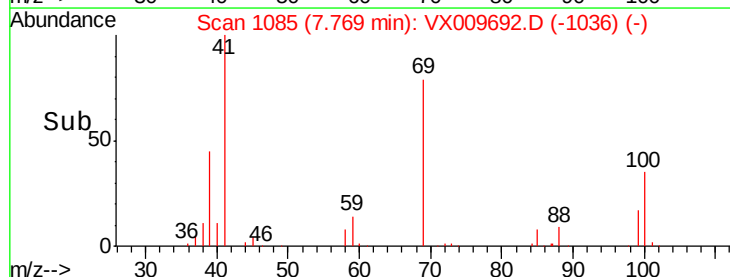
39 50.1 40.4 60.6

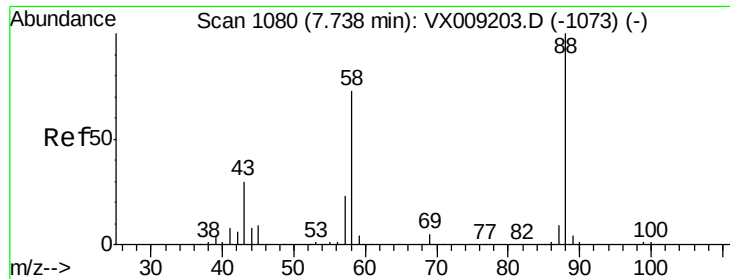


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

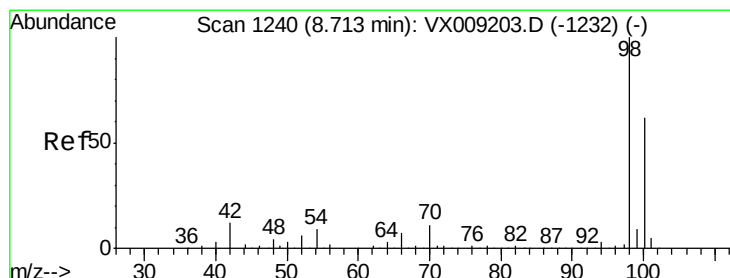
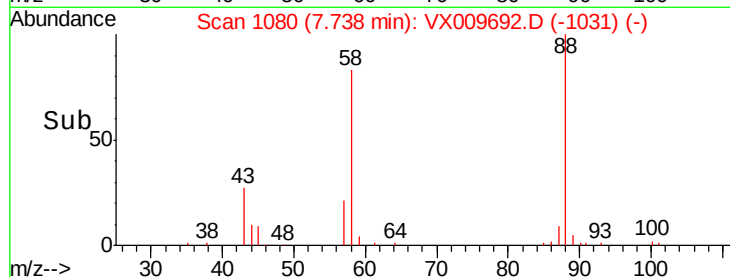
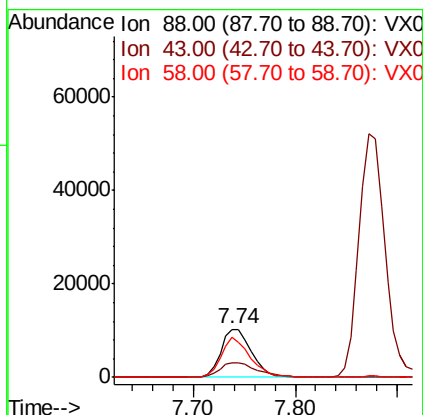
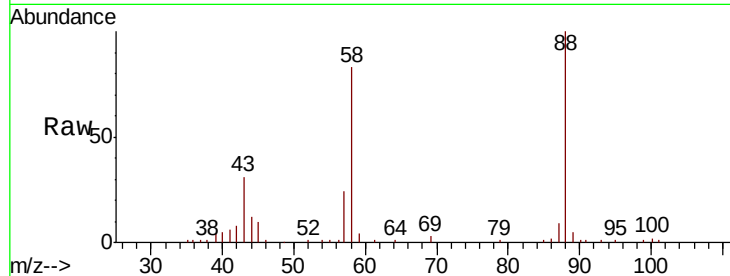




#49
1,4-Dioxane
Concen: 465.189 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX009692.D
Acq: 18 May 2019 04:19

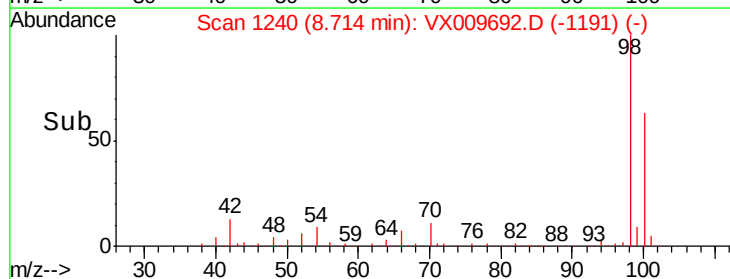
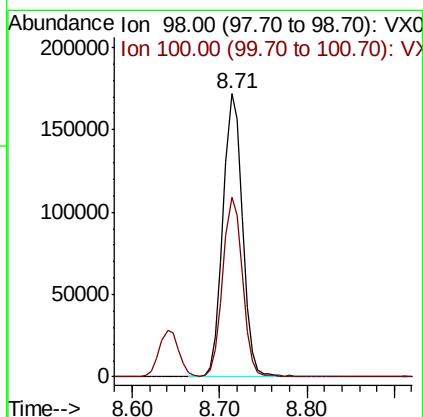
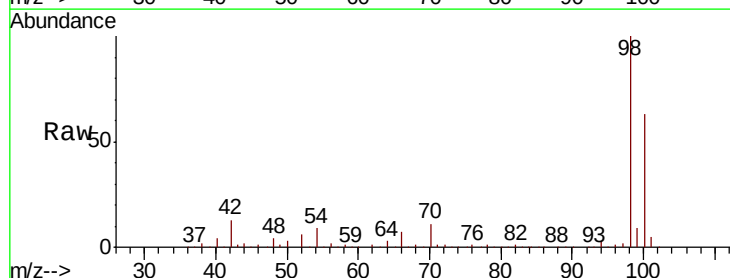
Instrument :
MSVOA_X
ClientSampleId :
VX0517WBSD04

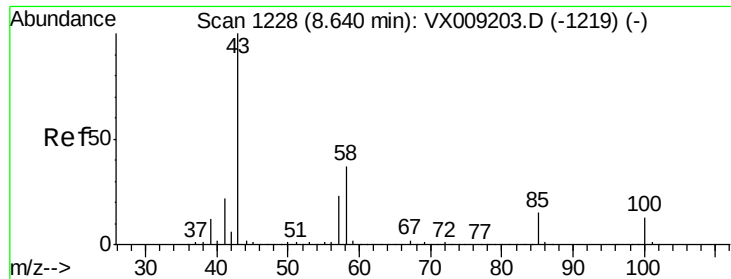
Tot Ion: 88 Resp: 21777
Ion Ratio Lower Upper
88 100
43 36.1 28.6 42.8
58 77.8 61.7 92.5



#50
Toluene-d8
Concen: 46.691 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009692.D
Acq: 18 May 2019 04:19

Tgt Ion: 98 Resp: 266212
Ion Ratio Lower Upper
98 100
100 64.0 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 120.754 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX009692.D

Acq: 18 May 2019 04:19

Instrument :

MSVOA_X

ClientSampleID :

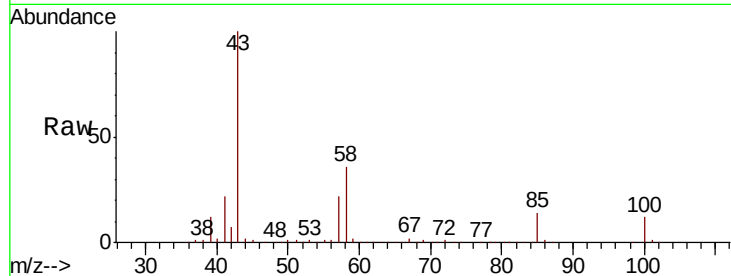
VX0517WBSD04

Tot Ion: 43 Resp: 367233

Ion Ratio Lower Upper

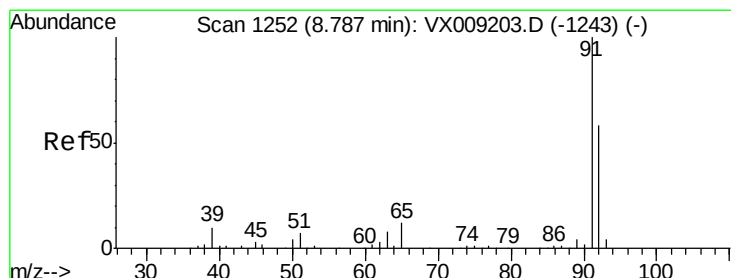
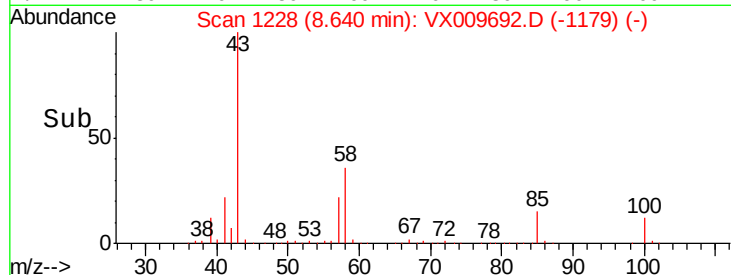
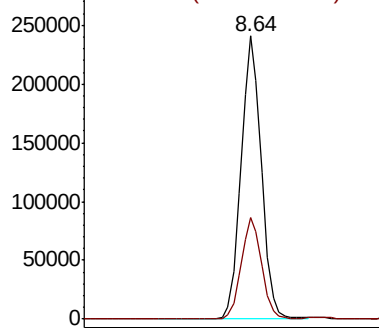
43 100

58 36.1 29.5 44.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 21.397 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX009692.D

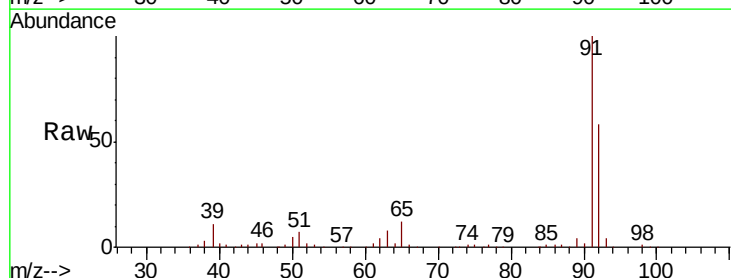
Acq: 18 May 2019 04:19

Tgt Ion: 92 Resp: 84037

Ion Ratio Lower Upper

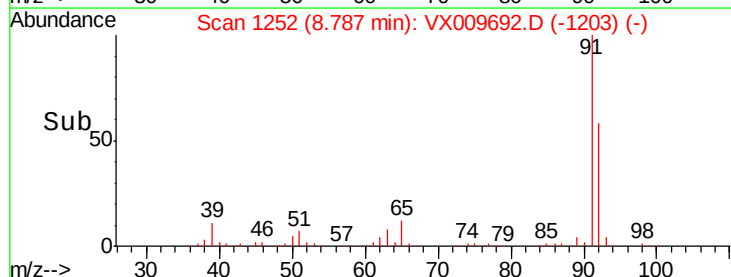
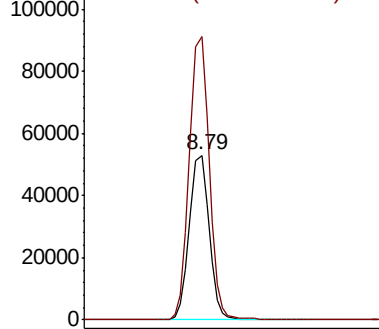
92 100

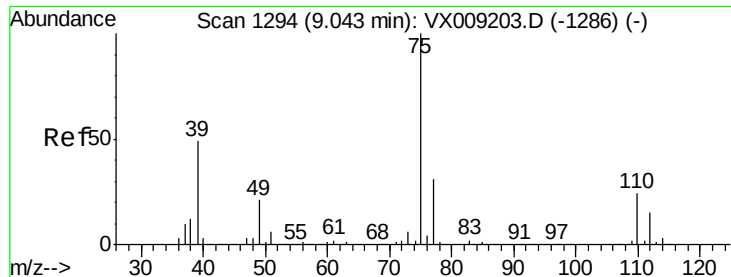
91 172.4 138.8 208.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 19.837 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.01 min

Lab File: VX009692.D

Acq: 18 May 2019 04:19

Instrument :

MSVOA_X

ClientSampleId :

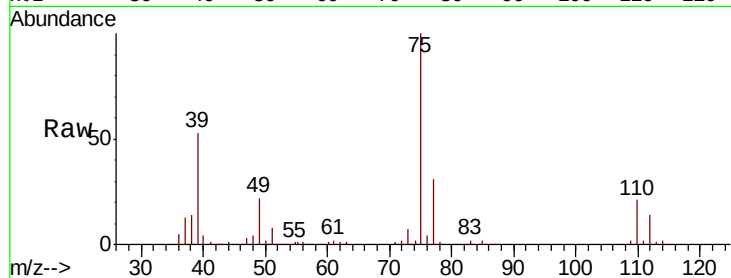
VX0517WBSD04

Tot Ion: 75 Resp: 47464

Ion Ratio Lower Upper

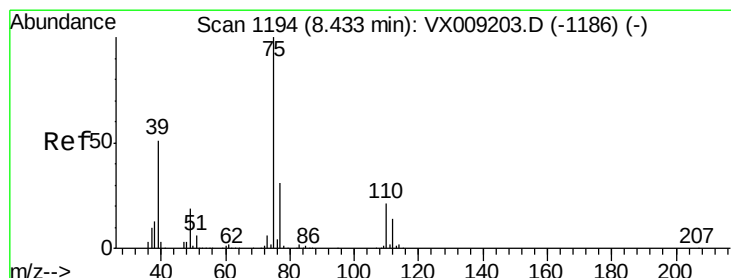
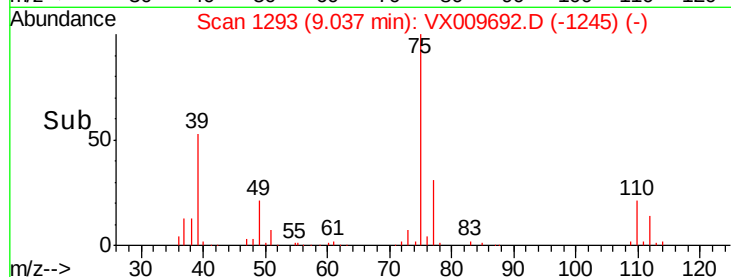
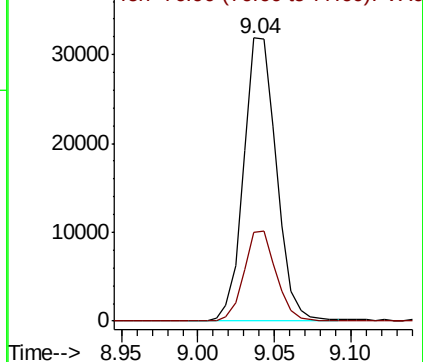
75 100

77 31.4 25.0 37.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 20.049 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX009692.D

Acq: 18 May 2019 04:19

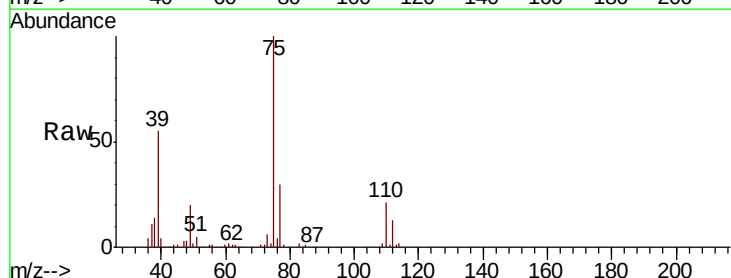
Tgt Ion: 75 Resp: 53096

Ion Ratio Lower Upper

75 100

77 29.7 24.6 36.8

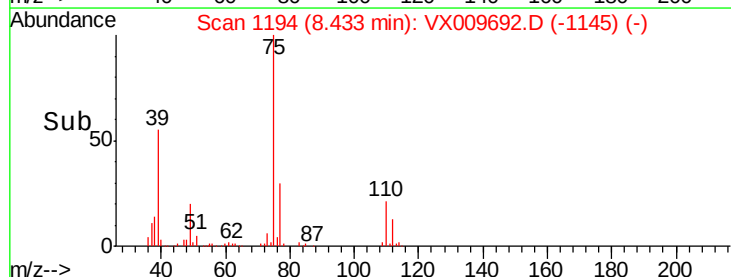
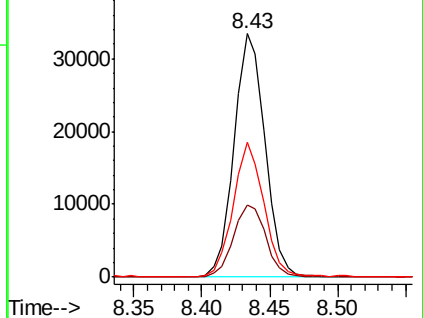
39 54.9 40.6 60.8

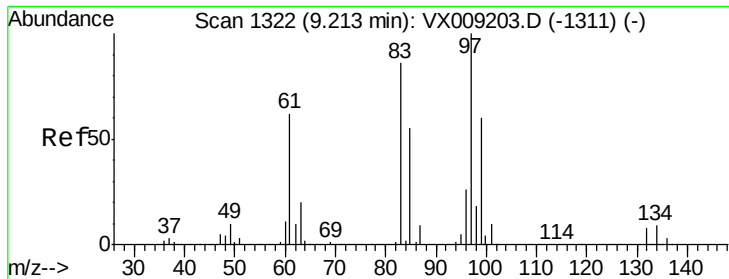


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

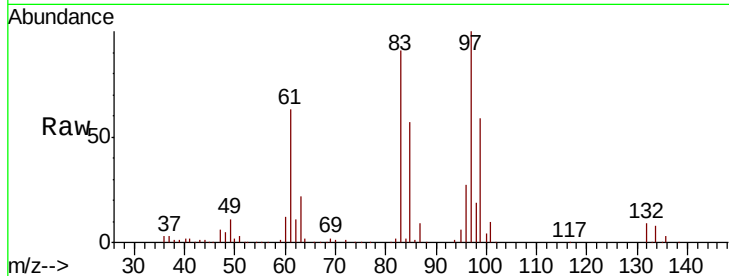




#55
 1,1,2-Trichloroethane
 Concen: 22.471 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX009692.D
 Acq: 18 May 2019 04:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0517WBSD04

Tot Ion:	97	Resp:	36006
Ion	Ratio	Lower	Upper
97	100		
83	90.6	68.9	103.3
85	57.1	43.8	65.6
99	59.3	48.2	72.2



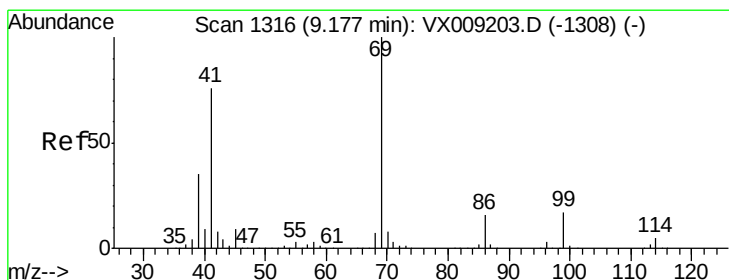
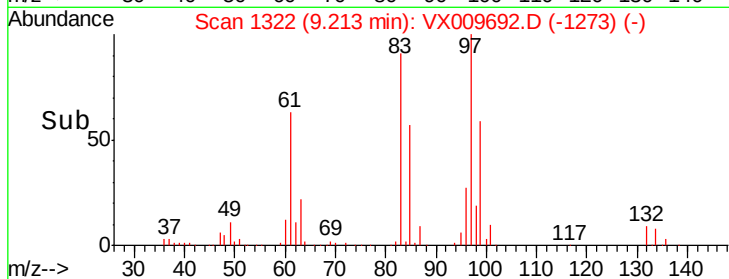
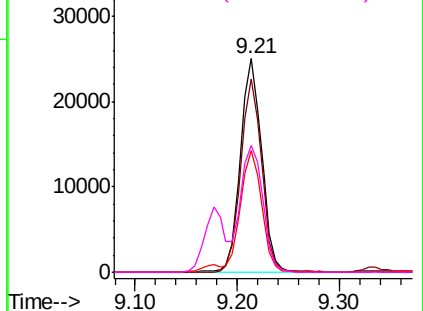
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

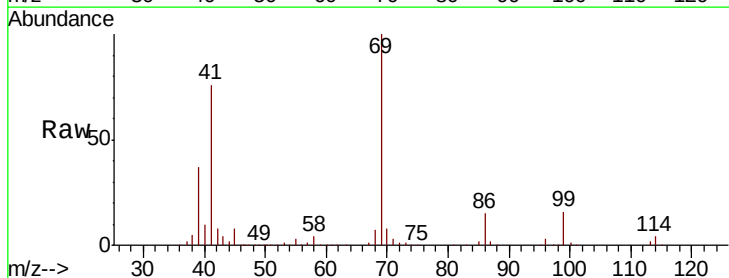
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56
 Ethyl methacrylate
 Concen: 22.290 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX009692.D
 Acq: 18 May 2019 04:19

Tgt Ion:	69	Resp:	63755
Ion	Ratio	Lower	Upper
69	100		
41	76.3	60.6	90.8
39	36.9	28.2	42.4

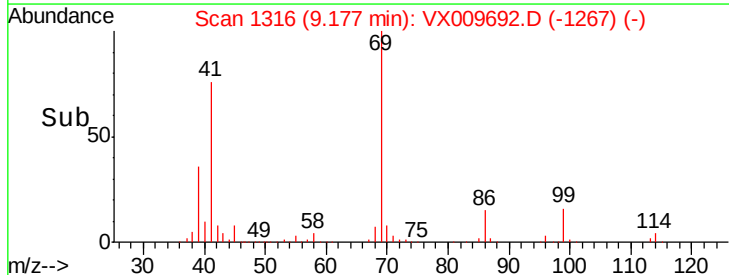
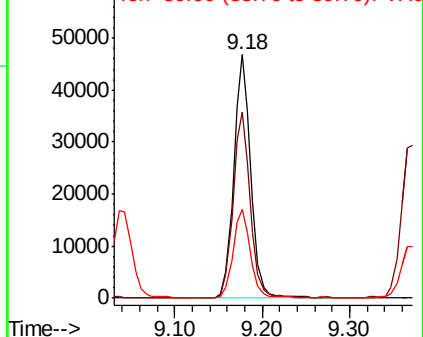


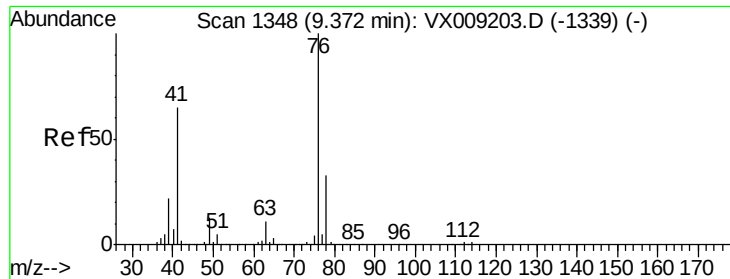
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

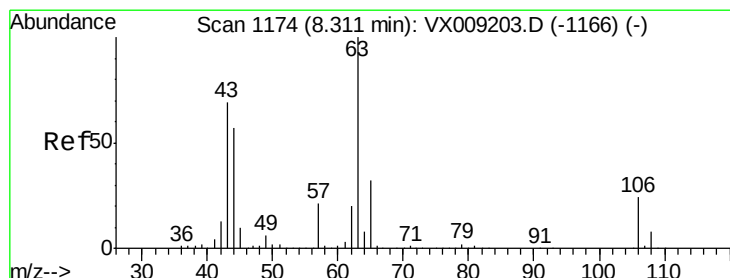
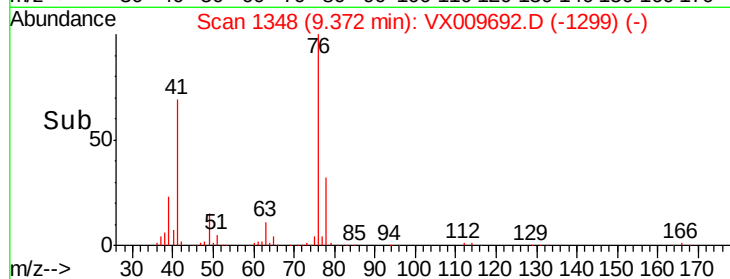
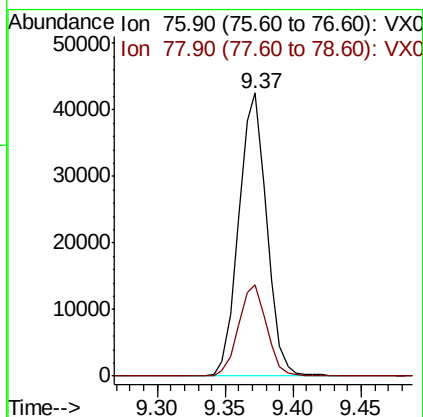
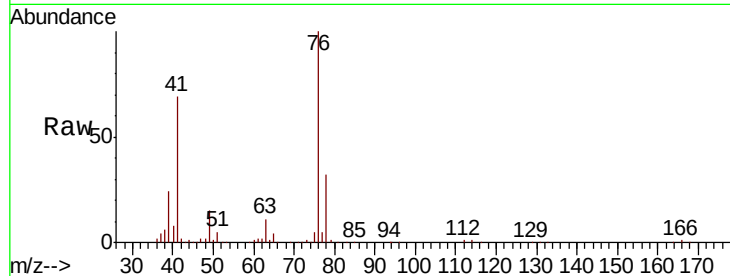




#57
 1,3-Dichloropropane
 Concen: 21.570 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX009692.D
 Acq: 18 May 2019 04:19

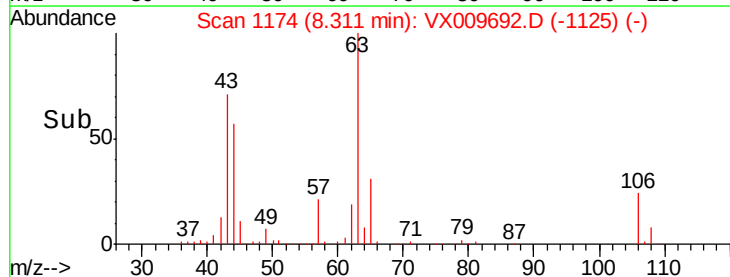
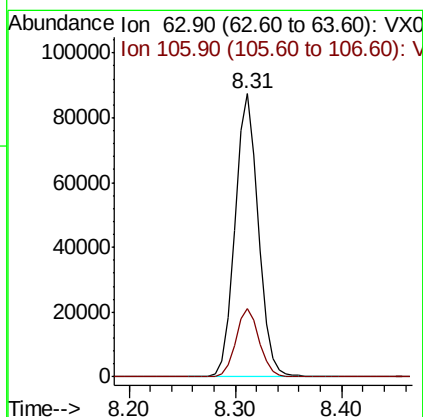
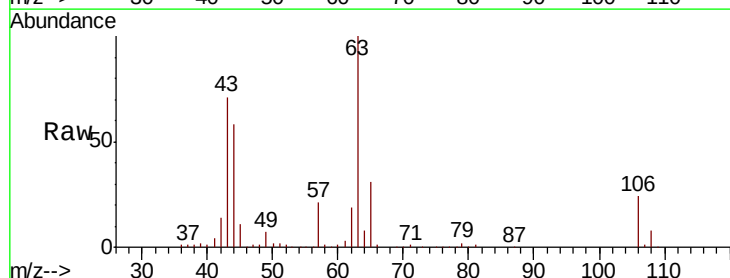
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0517WBSD04

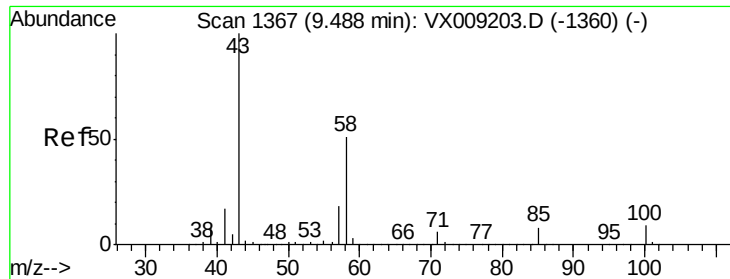
Tot Ion: 76 Resp: 60821
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 88.623 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX009692.D
 Acq: 18 May 2019 04:19

Tgt Ion: 63 Resp: 134471
 Ion Ratio Lower Upper
 63 100
 106 24.1 19.7 29.5

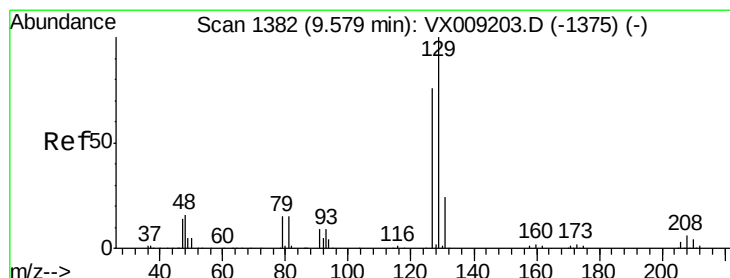
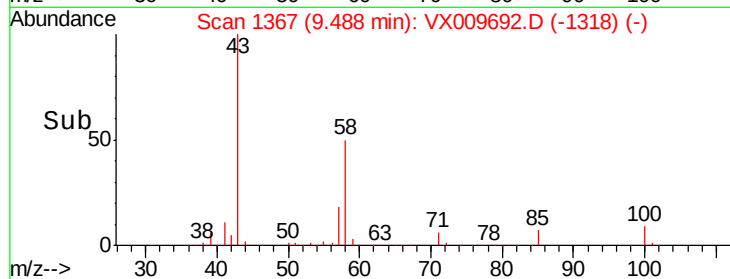
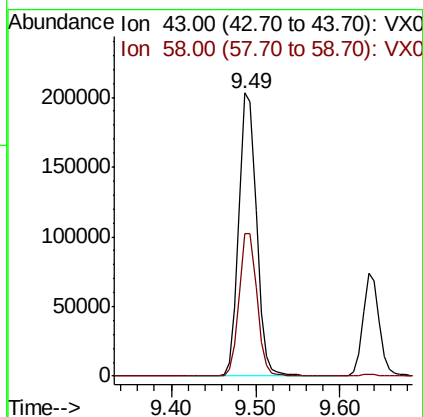
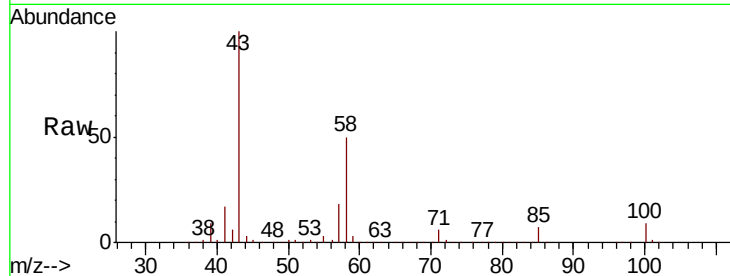




#59
2-Hexanone
Concen: 119.781 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX009692.D
Acq: 18 May 2019 04:19

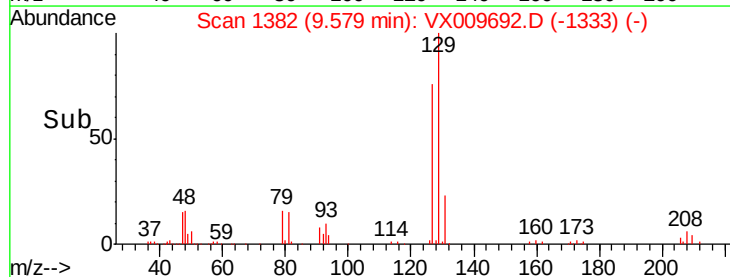
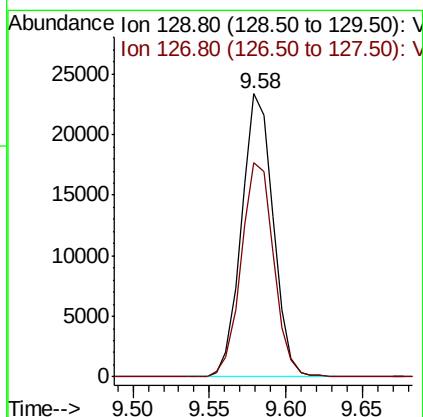
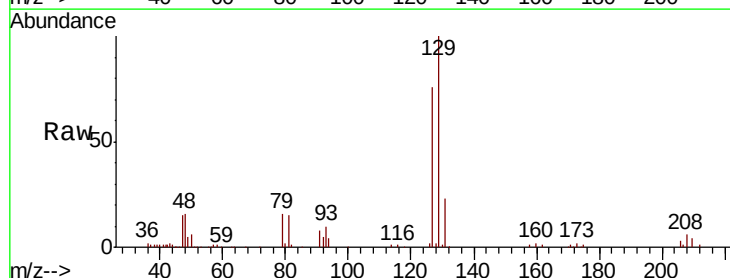
Instrument :
MSVOA_X
ClientSampleId :
VX0517WBSD04

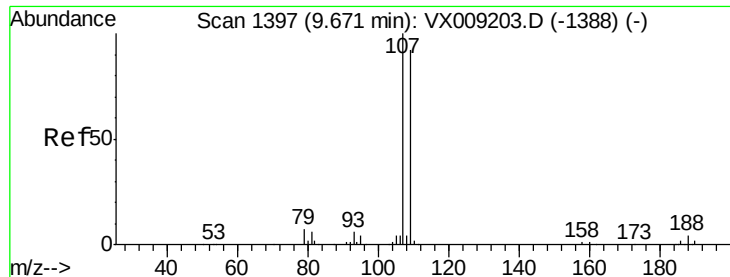
Tot Ion: 43 Resp: 286095
Ion Ratio Lower Upper
43 100
58 50.7 25.9 77.7



#60
Dibromochloromethane
Concen: 21.484 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX009692.D
Acq: 18 May 2019 04:19

Tgt Ion:129 Resp: 33622
Ion Ratio Lower Upper
129 100
127 77.7 38.4 115.1





#61

1,2-Dibromoethane

Concen: 21.817 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX009692.D

Acq: 18 May 2019 04:19

Instrument :

MSVOA_X

ClientSampleId :

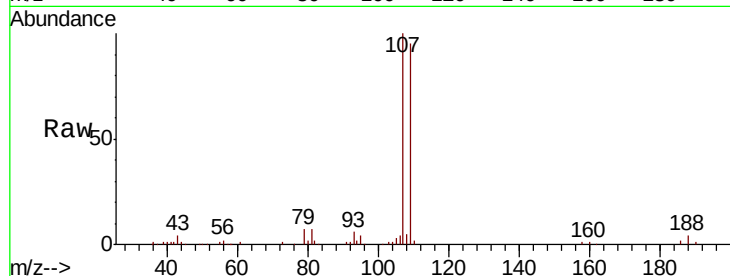
VX0517WBSD04

Tot Ion:107 Resp: 35288

Ion Ratio Lower Upper

107 100

109 95.5 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

25000

20000

15000

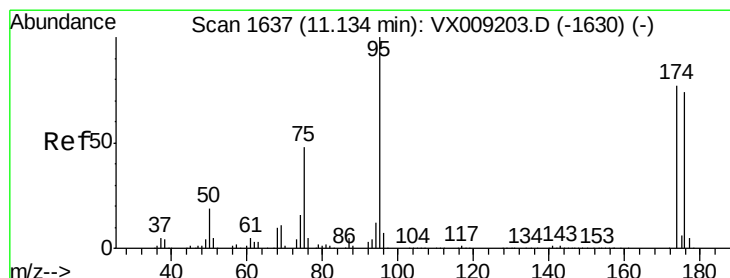
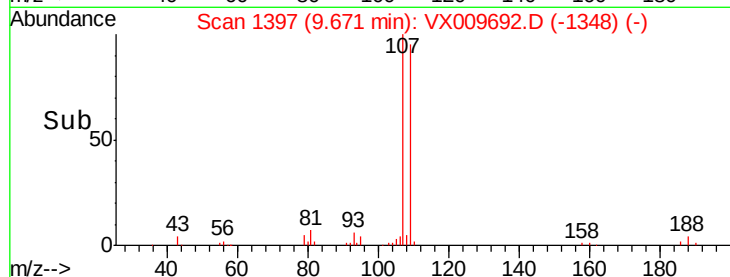
10000

5000

0

Time-->

9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 47.539 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009692.D

Acq: 18 May 2019 04:19

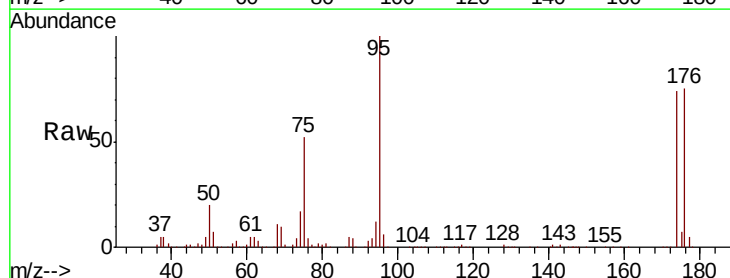
Tgt Ion: 95 Resp: 98489

Ion Ratio Lower Upper

95 100

174 80.4 0.0 161.6

176 80.6 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.13

100000

80000

60000

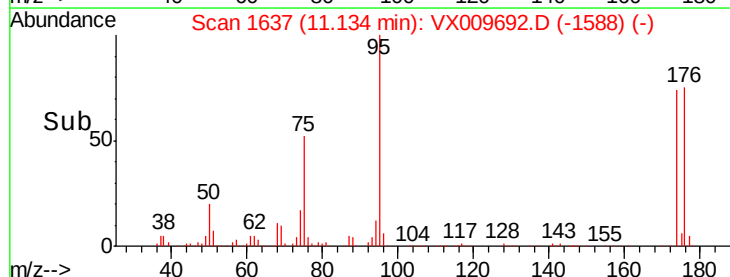
40000

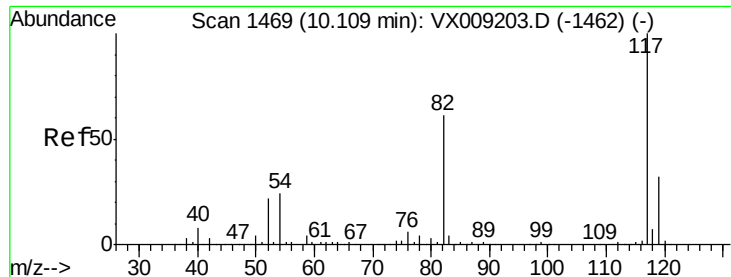
20000

0

Time-->

11.10 11.15 11.20

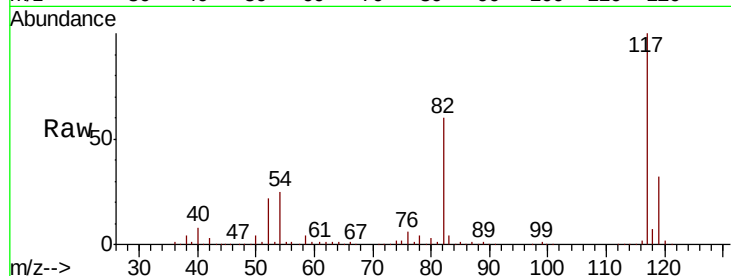




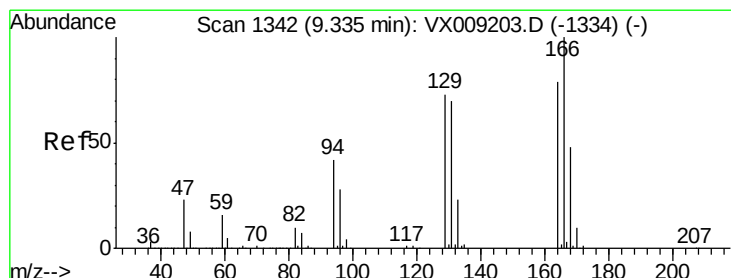
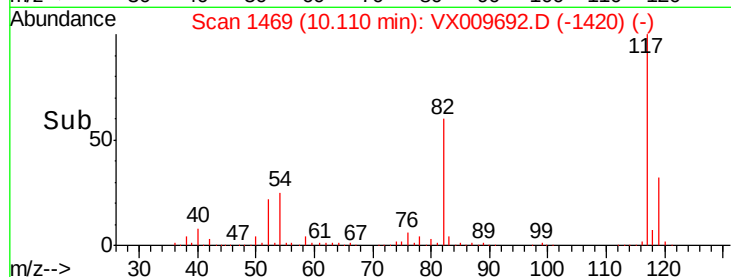
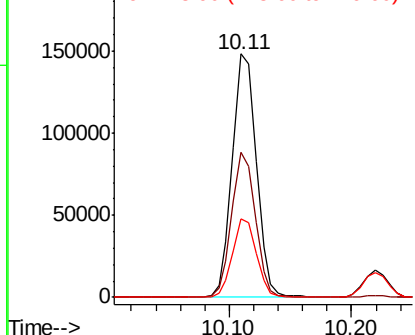
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009692.D
Acq: 18 May 2019 04:19

Instrument :
MSVOA_X
ClientSampleId :
VX0517WBSD04

Tot Ion:117 Resp: 201904
Ion Ratio Lower Upper
117 100
82 59.8 48.8 73.2
119 32.1 25.8 38.6

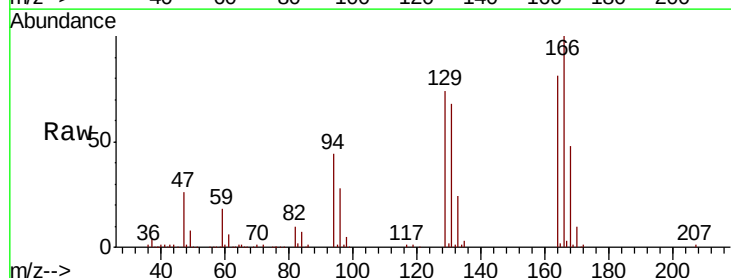


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

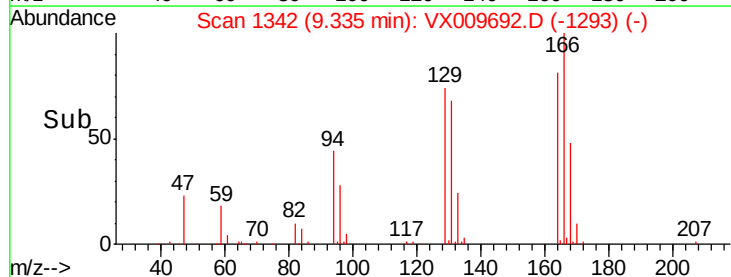
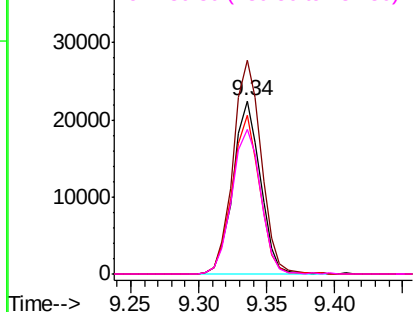


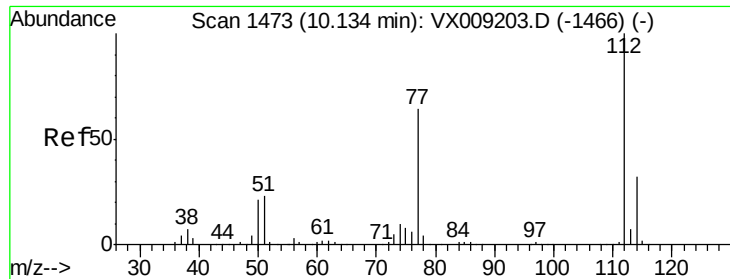
#64
Tetrachloroethene
Concen: 22.654 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX009692.D
Acq: 18 May 2019 04:19

Tgt Ion:164 Resp: 31375
Ion Ratio Lower Upper
164 100
166 123.4 101.2 151.8
129 91.7 74.3 111.5
131 83.9 71.0 106.6



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

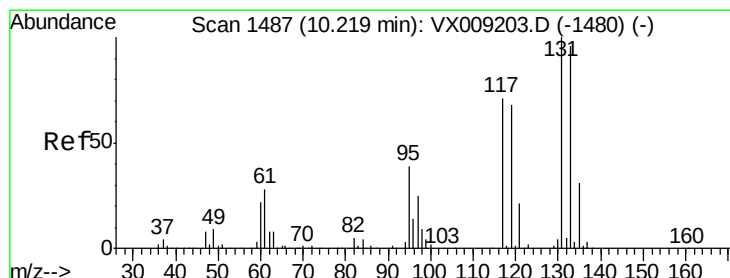
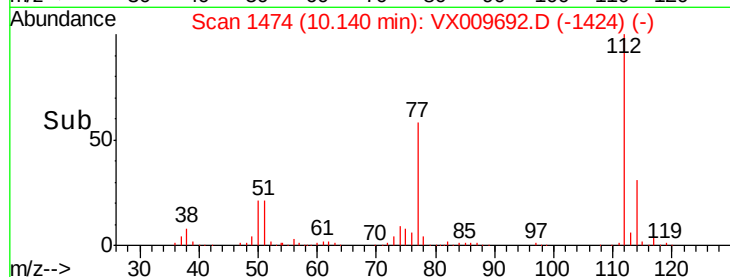
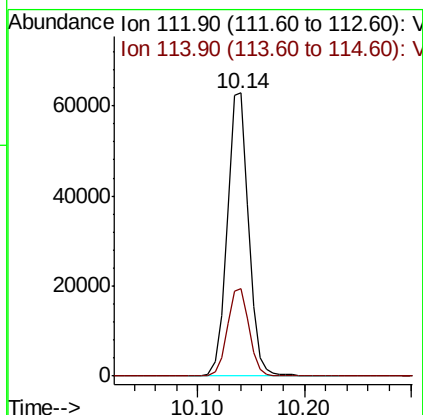
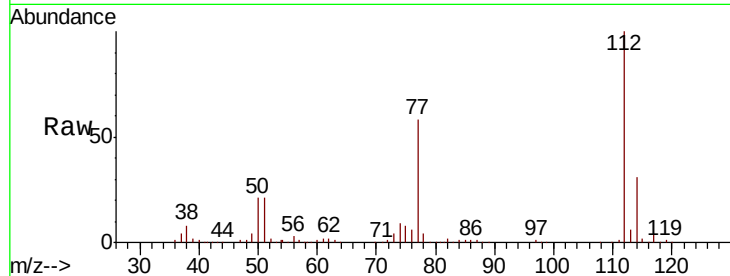




#65
Chlorobenzene
Concen: 21.870 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX009692.D
Acq: 18 May 2019 04:19

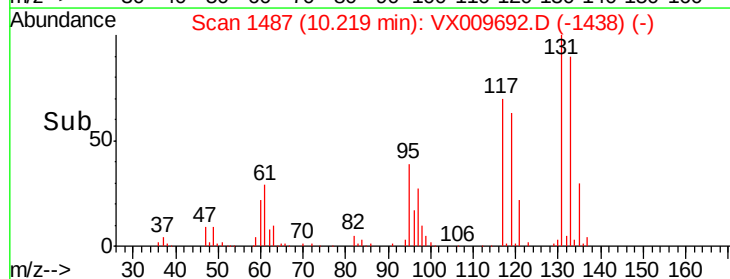
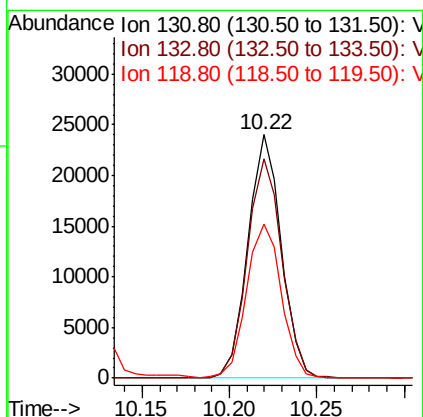
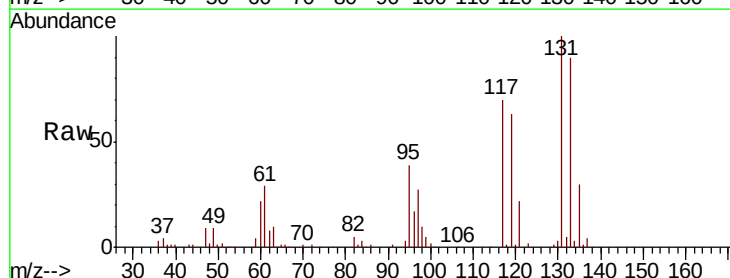
Instrument :
MSVOA_X
ClientSampleId :
VX0517WBSD04

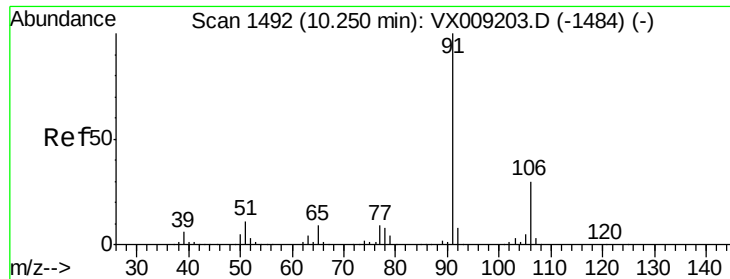
Tot Ion:112 Resp: 88334
Ion Ratio Lower Upper
112 100
114 30.7 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 21.761 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX009692.D
Acq: 18 May 2019 04:19

Tgt Ion:131 Resp: 31864
Ion Ratio Lower Upper
131 100
133 93.8 47.7 143.1
119 66.7 33.5 100.4

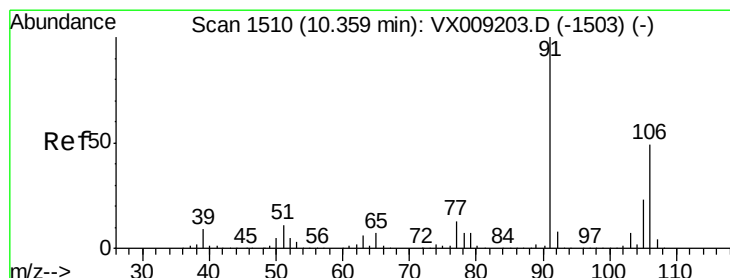
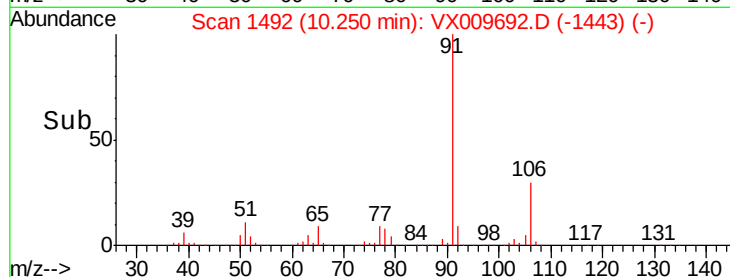
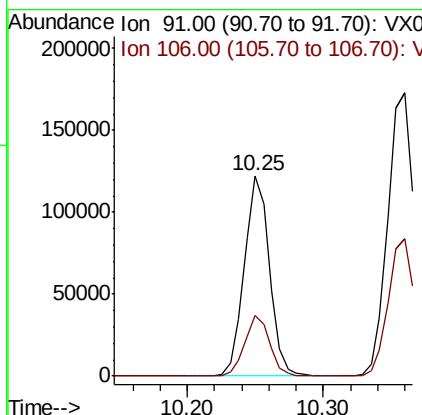
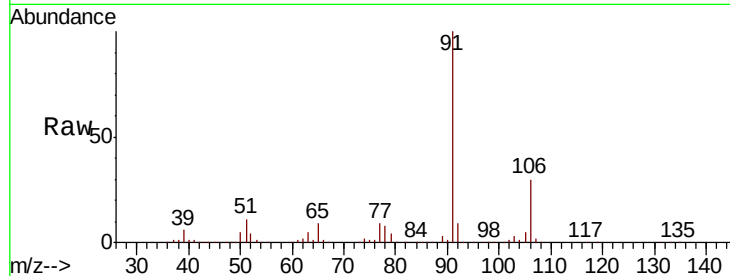




#67
Ethyl Benzene
Concen: 21.364 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX009692.D
Acq: 18 May 2019 04:19

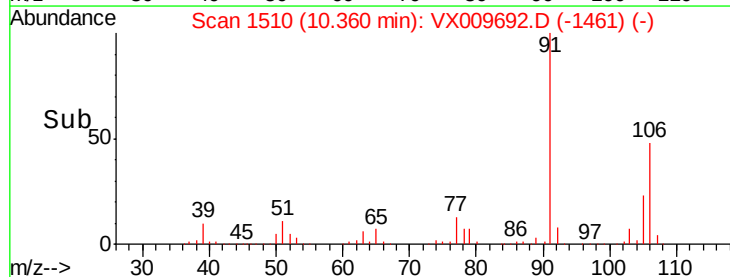
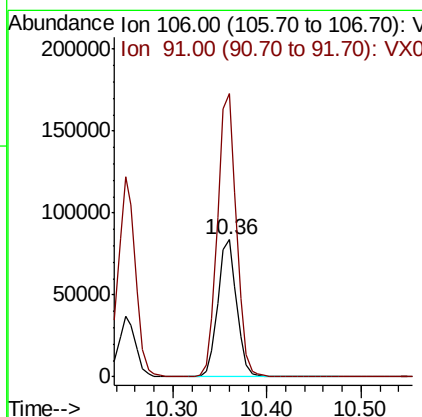
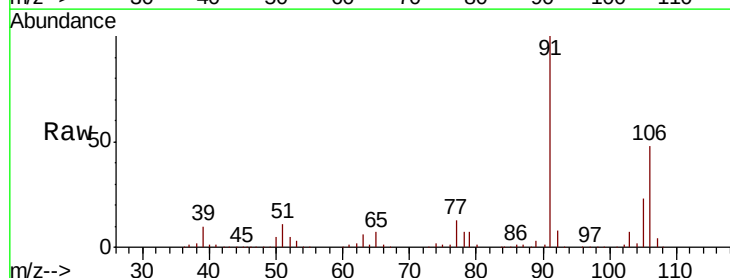
Instrument :
MSVOA_X
ClientSampleId :
VX0517WBSD04

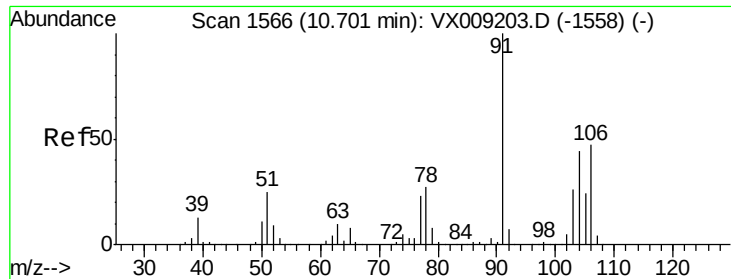
Tot Ion: 91 Resp: 158802
Ion Ratio Lower Upper
91 100
106 30.3 24.0 36.0



#68
m/p-Xylenes
Concen: 42.648 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX009692.D
Acq: 18 May 2019 04:19

Tgt Ion: 106 Resp: 115847
Ion Ratio Lower Upper
106 100
91 208.4 164.0 246.0

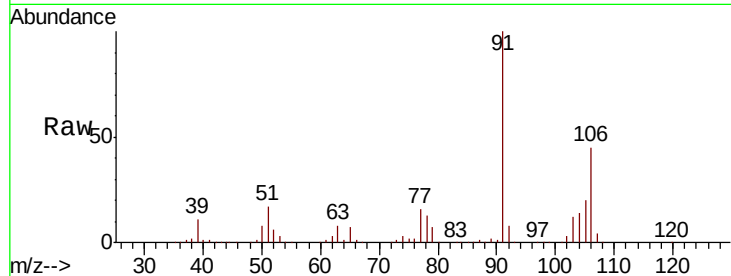




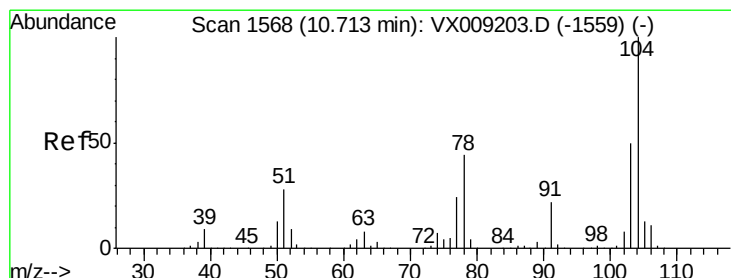
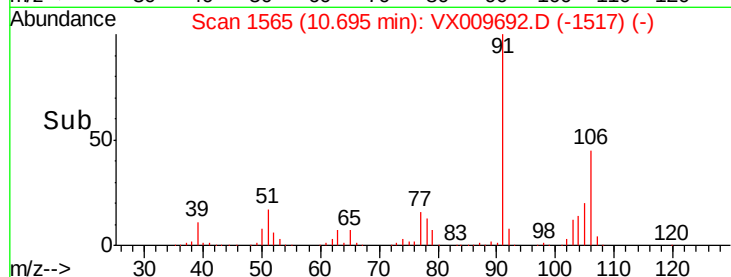
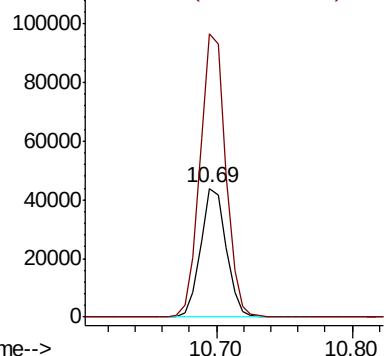
#69
o-Xylene
Concen: 21.501 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX009692.D
Acq: 18 May 2019 04:19

Instrument :
MSVOA_X
ClientSampleID :
VX0517WBSD04

Tot Ion:106 Resp: 57625
Ion Ratio Lower Upper
106 100
91 220.1 109.5 328.4

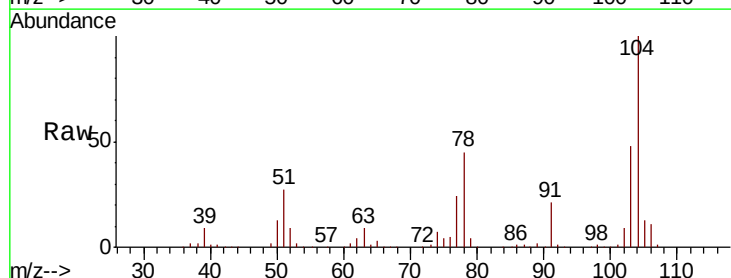


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

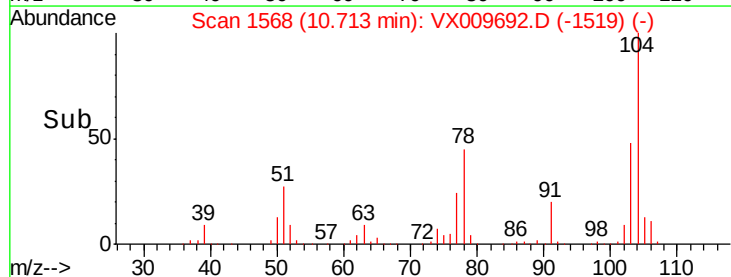
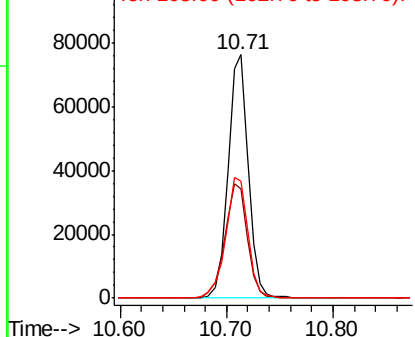


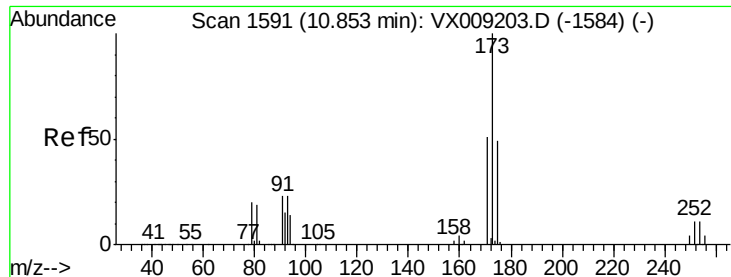
#70
Styrene
Concen: 21.784 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX009692.D
Acq: 18 May 2019 04:19

Tgt Ion:104 Resp: 101475
Ion Ratio Lower Upper
104 100
78 52.5 41.0 61.4
103 54.7 43.8 65.6



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





#71

Bromoform

Concen: 21.101 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX009692.D

Acq: 18 May 2019 04:19

Instrument :

MSVOA_X

ClientSampleId :

VX0517WBSD04

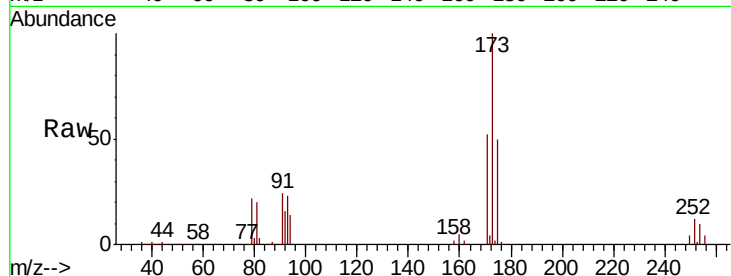
Tot Ion:173 Resp: 25110

Ion Ratio Lower Upper

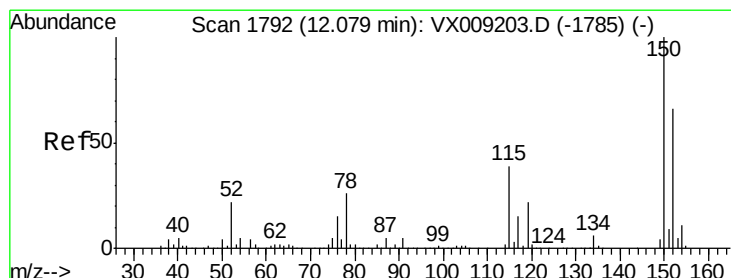
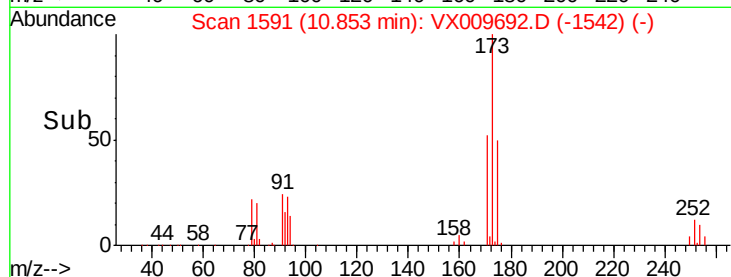
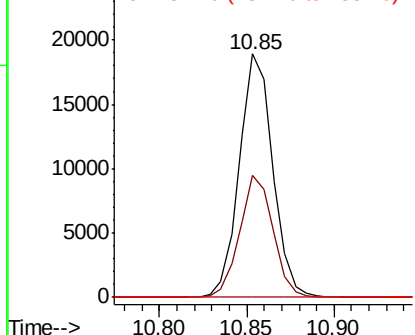
173 100

175 50.0 24.5 73.5

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX009692.D

Acq: 18 May 2019 04:19

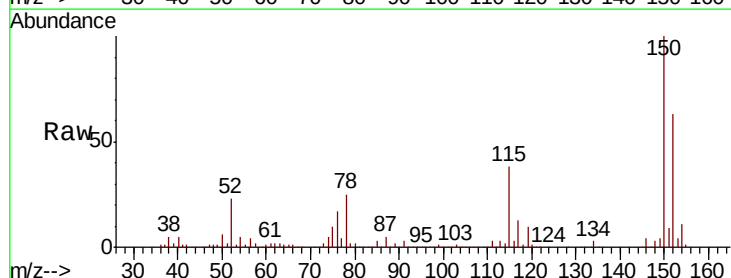
Tgt Ion:152 Resp: 97863

Ion Ratio Lower Upper

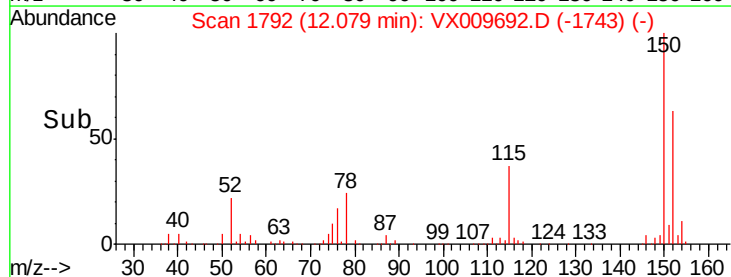
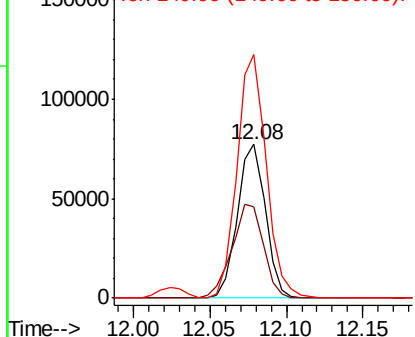
152 100

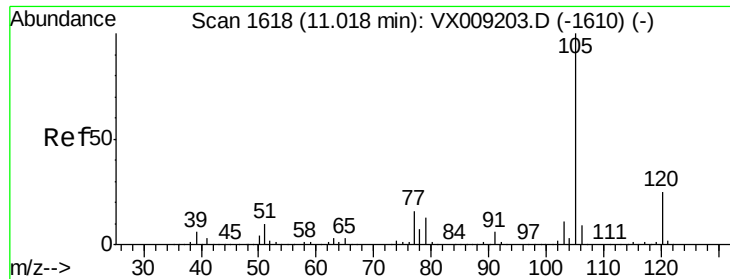
115 69.1 41.2 123.6

150 165.6 0.0 346.4



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





#73

Isopropylbenzene

Concen: 21.540 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX009692.D

Acq: 18 May 2019 04:19

Instrument :

MSVOA_X

ClientSampleId :

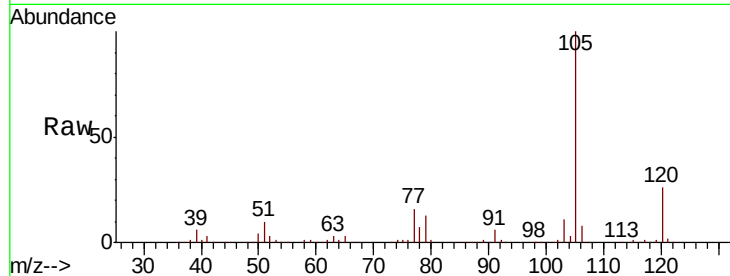
VX0517WBSD04

Tot Ion:105 Resp: 153289

Ion Ratio Lower Upper

105 100

120 25.8 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

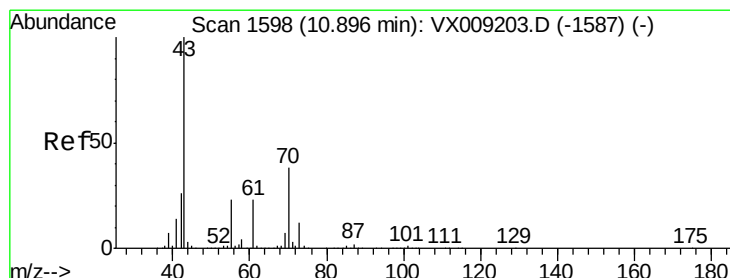
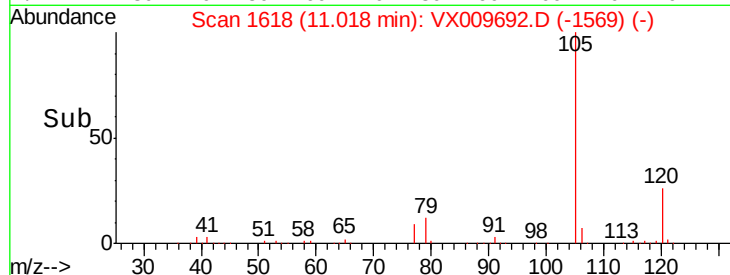
100000

50000

0

Time-->

10.95 11.00 11.05 11.10



#74

N-ethyl acetate

Concen: 22.764 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX009692.D

Acq: 18 May 2019 04:19

Tgt Ion: 43 Resp: 94446

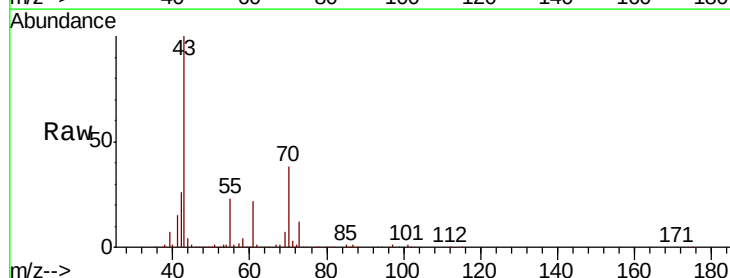
Ion Ratio Lower Upper

43 100

70 36.7 30.0 45.0

55 23.3 17.9 26.9

61 22.0 18.4 27.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

120000

100000

80000

60000

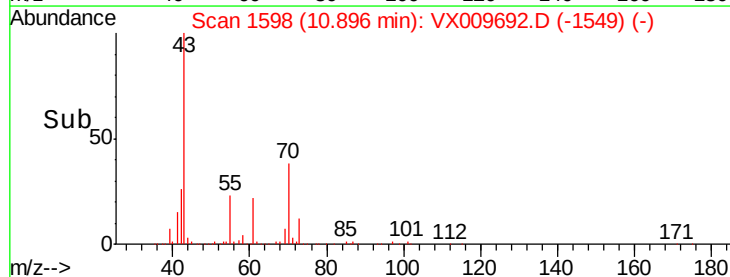
40000

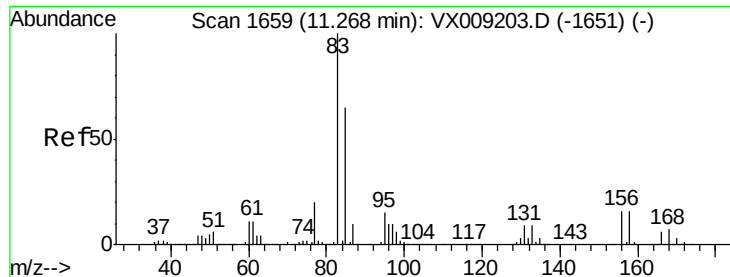
20000

0

Time-->

10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 22.921 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX009692.D

Acq: 18 May 2019 04:19

Instrument :

MSVOA_X

ClientSampleId :

VX0517WBSD04

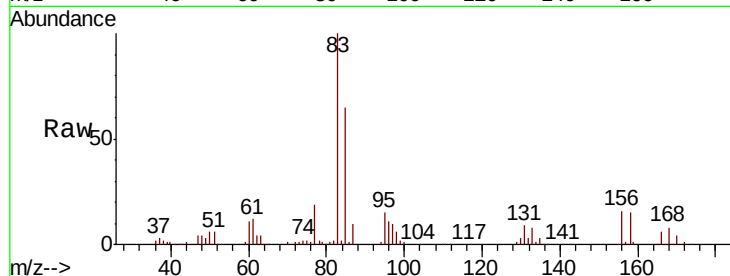
Tot Ion: 83 Resp: 60807

Ion Ratio Lower Upper

83 100

131 9.2 4.6 13.8

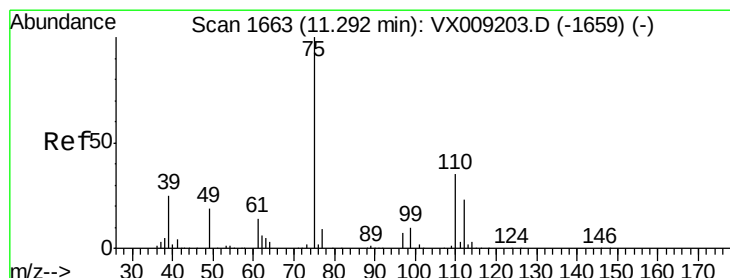
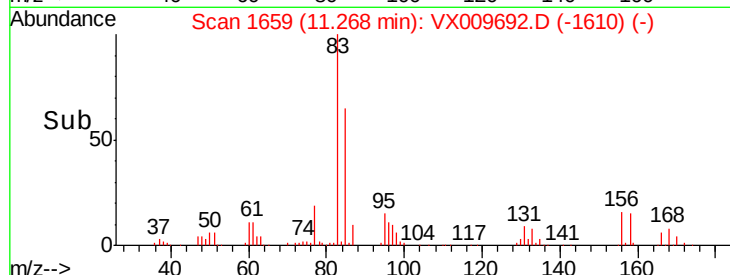
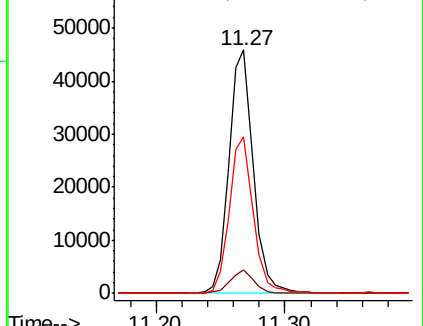
85 63.4 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 29.702 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX009692.D

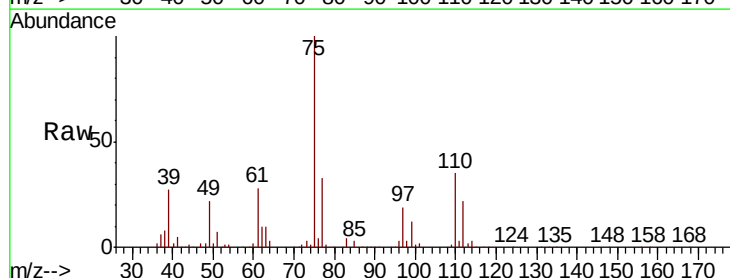
Acq: 18 May 2019 04:19

Tgt Ion: 75 Resp: 67425

Ion Ratio Lower Upper

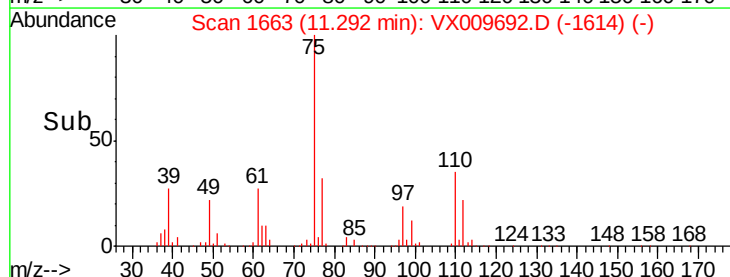
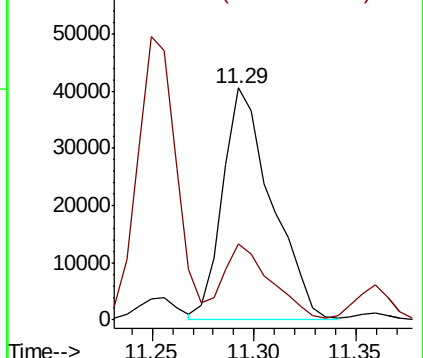
75 100

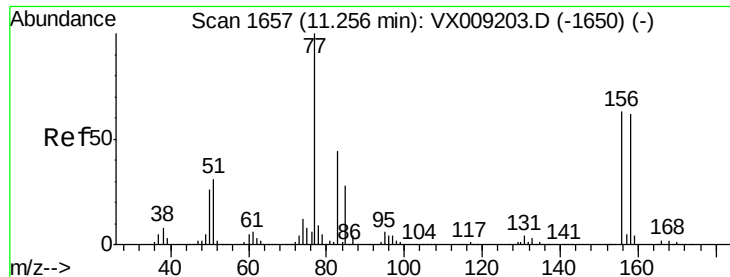
77 31.9 22.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 22.174 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX009692.D

Acq: 18 May 2019 04:19

Instrument :

MSVOA_X

ClientSampleId :

VX0517WBSD04

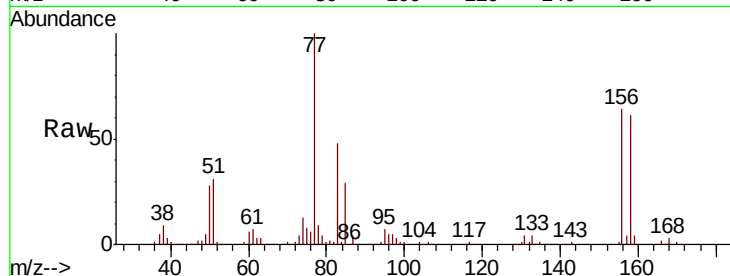
Tot Ion:156 Resp: 39166

Ion Ratio Lower Upper

156 100

77 166.0 84.8 254.3

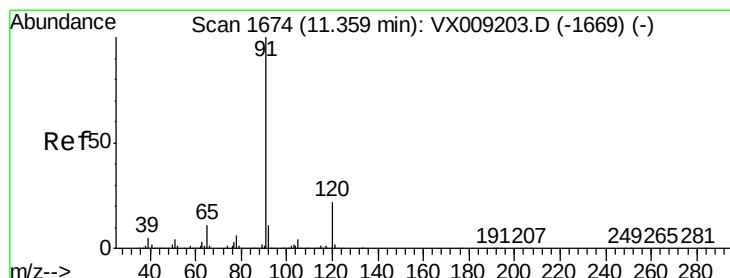
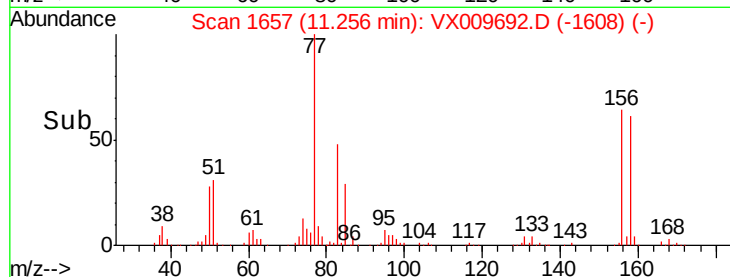
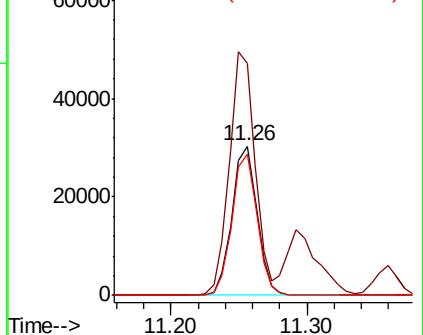
158 94.3 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.305 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX009692.D

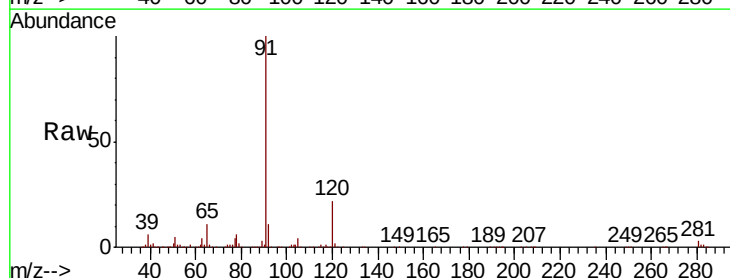
Acq: 18 May 2019 04:19

Tgt Ion: 91 Resp: 173154

Ion Ratio Lower Upper

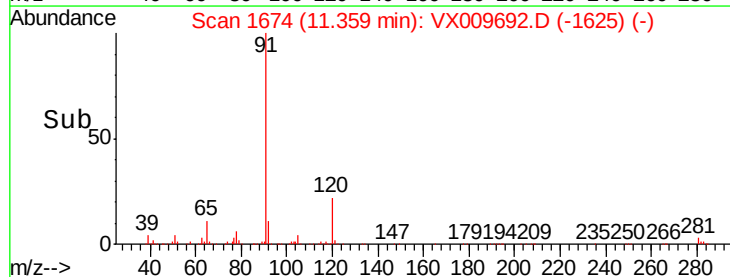
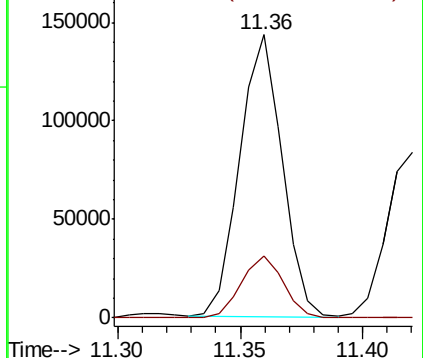
91 100

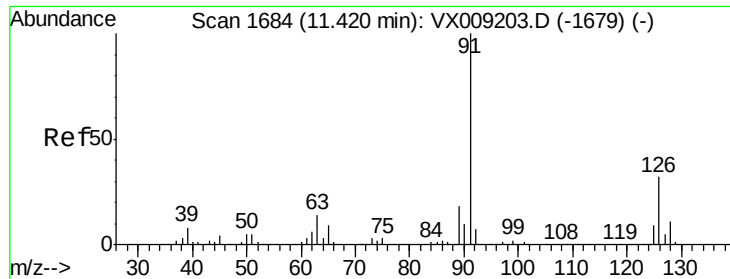
120 22.0 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.448 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX009692.D

Acq: 18 May 2019 04:19

Instrument :

MSVOA_X

ClientSampleId :

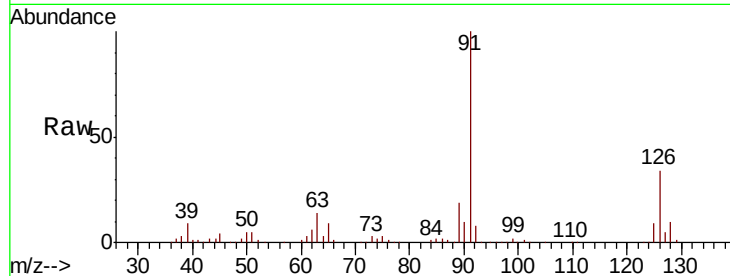
VX0517WBSD04

Tot Ion: 91 Resp: 107544

Ion Ratio Lower Upper

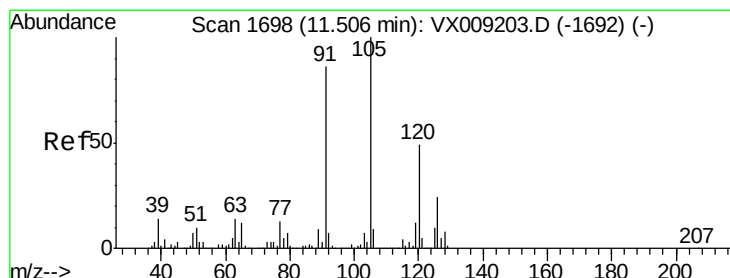
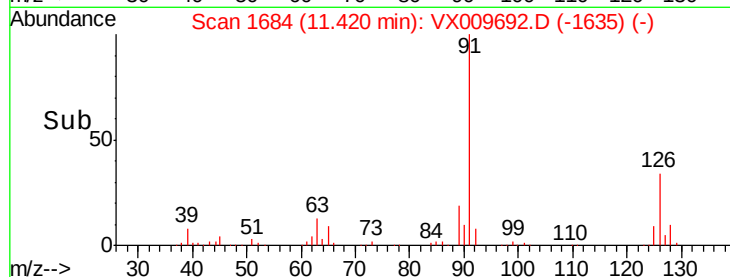
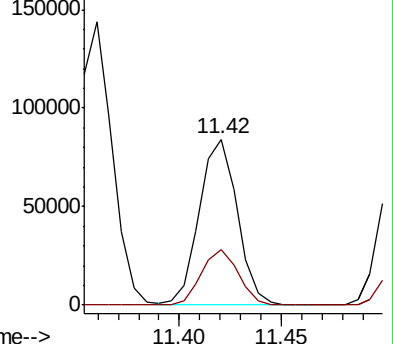
91 100

126 33.0 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 21.510 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX009692.D

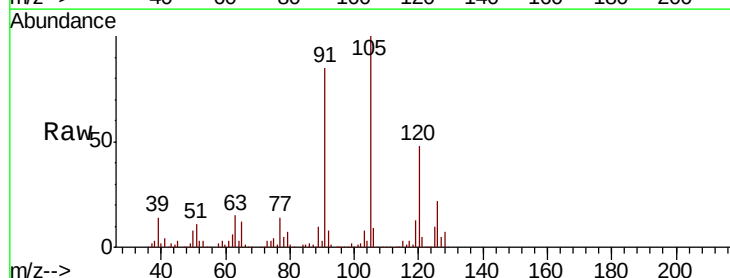
Acq: 18 May 2019 04:19

Tgt Ion:105 Resp: 128893

Ion Ratio Lower Upper

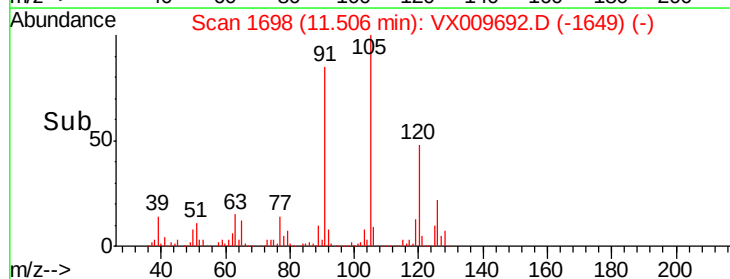
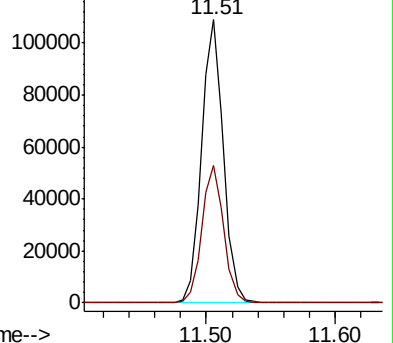
105 100

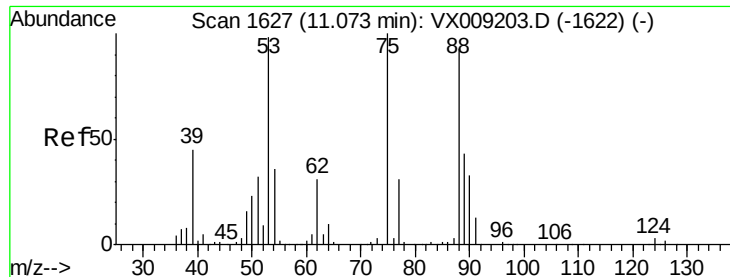
120 48.5 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 17.544 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX009692.D

Acq: 18 May 2019 04:19

Instrument :

MSVOA_X

ClientSampleId :

VX0517WBSD04

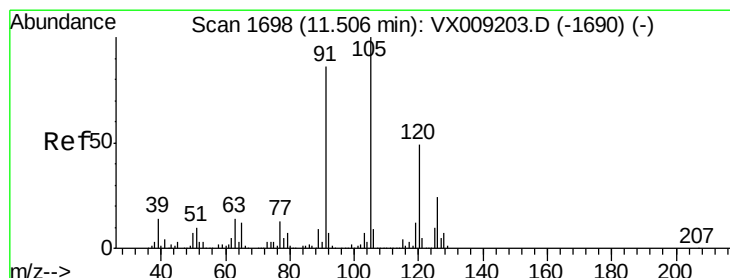
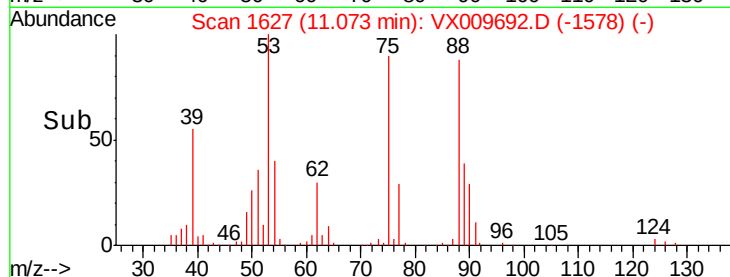
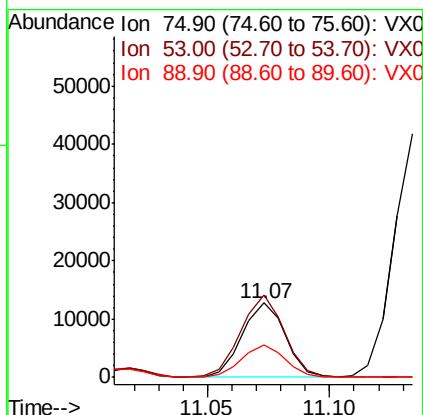
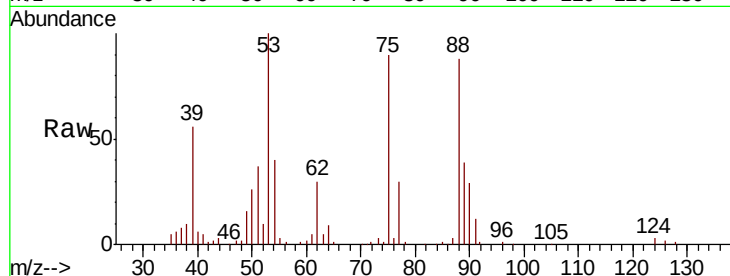
Tot Ion: 75 Resp: 15565

Ion Ratio Lower Upper

75 100

53 113.2 79.0 118.6

89 44.1 34.7 52.1



#82

4-Chlorotoluene

Concen: 21.224 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX009692.D

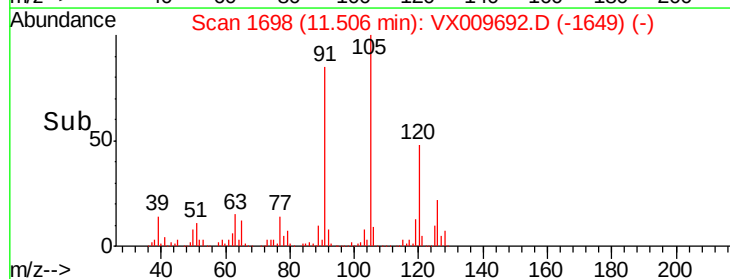
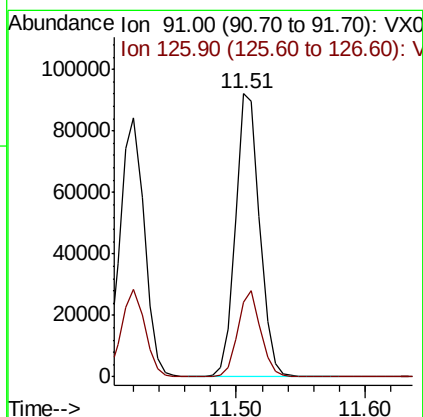
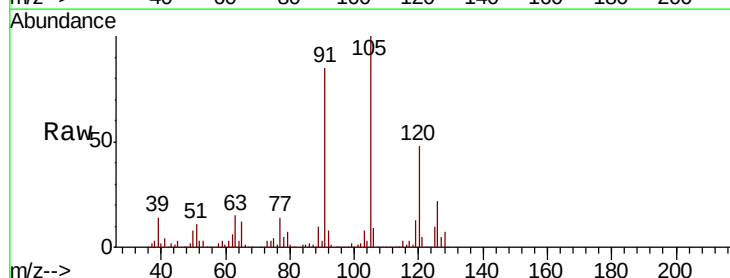
Acq: 18 May 2019 04:19

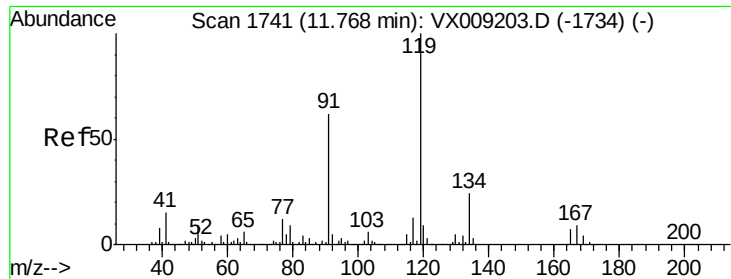
Tgt Ion: 91 Resp: 120224

Ion Ratio Lower Upper

91 100

126 28.9 14.5 43.6

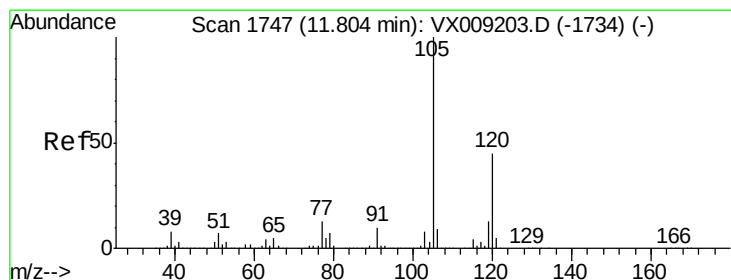
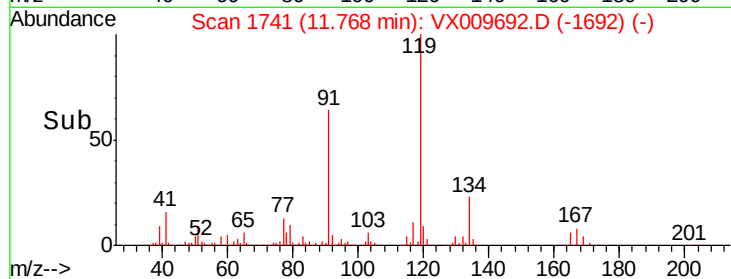
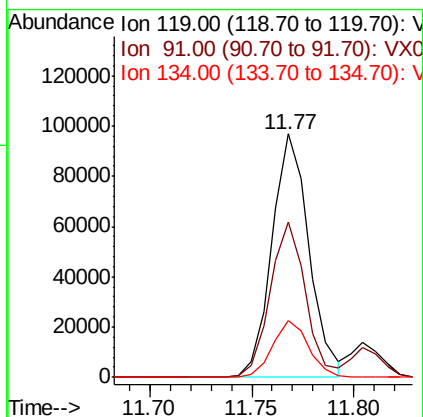
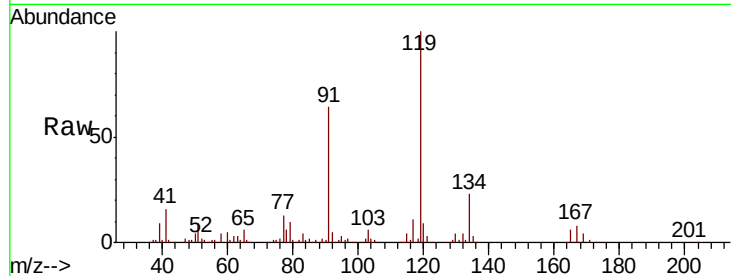




#83
 tert-Butylbenzene
 Concen: 21.071 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX009692.D
 Acq: 18 May 2019 04:19

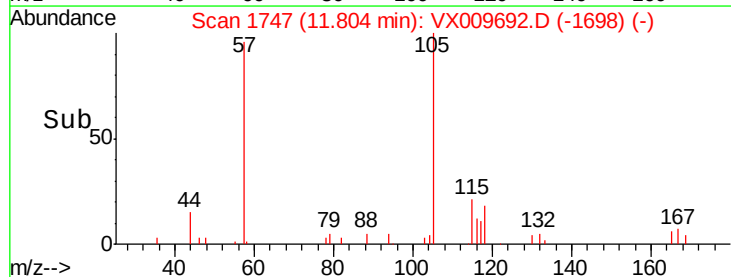
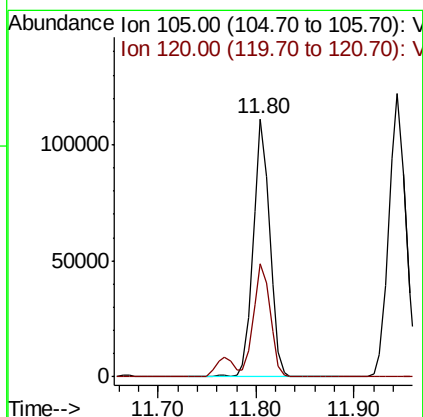
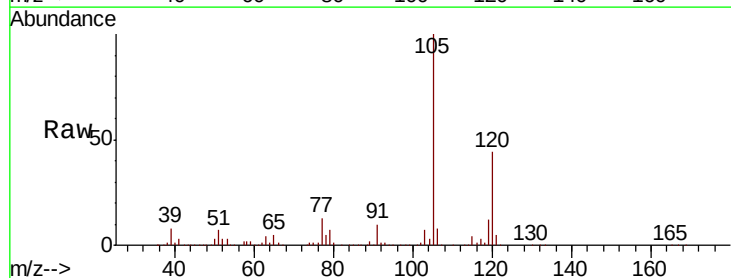
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0517WBSD04

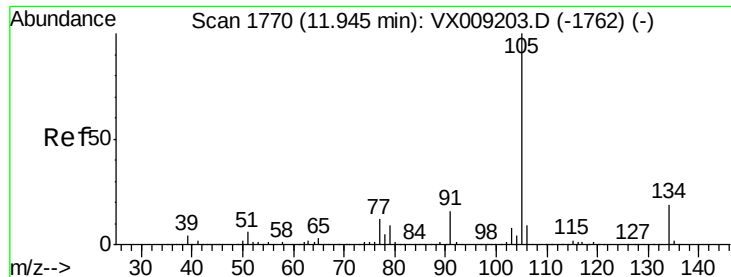
Tot Ion:119 Resp: 122822
 Ion Ratio Lower Upper
 119 100
 91 60.9 29.5 88.5
 134 22.6 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 21.665 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX009692.D
 Acq: 18 May 2019 04:19

Tgt Ion:105 Resp: 130307
 Ion Ratio Lower Upper
 105 100
 120 44.1 22.0 66.0





#85

sec-Butylbenzene

Concen: 21.165 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX009692.D

Acq: 18 May 2019 04:19

Instrument :

MSVOA_X

ClientSampleID :

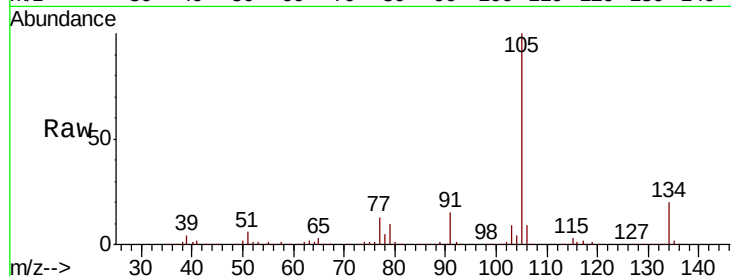
VX0517WBSD04

Tot Ion:105 Resp: 146269

Ion Ratio Lower Upper

105 100

134 19.2 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

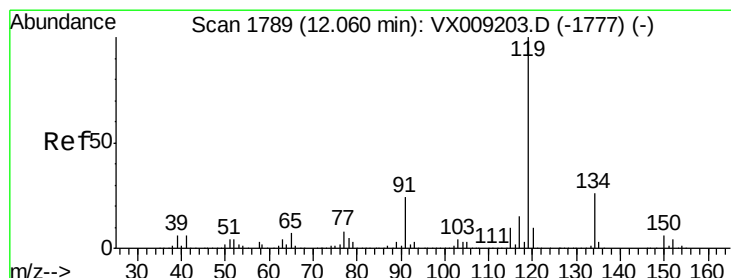
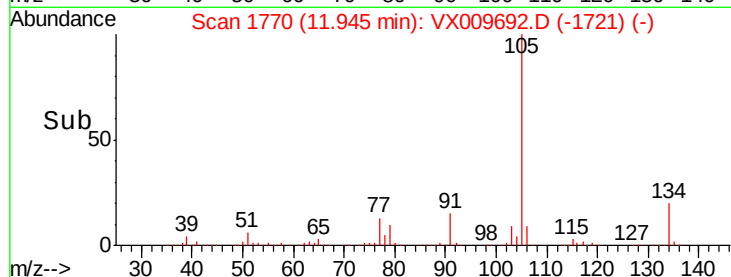
100000

50000

0

Time-->

11.90 12.00



#86

p-Isopropyltoluene

Concen: 21.121 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX009692.D

Acq: 18 May 2019 04:19

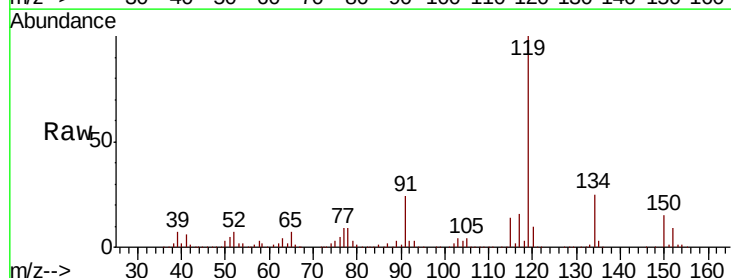
Tgt Ion:119 Resp: 131221

Ion Ratio Lower Upper

119 100

134 25.5 12.9 38.7

91 24.1 11.8 35.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.06

150000

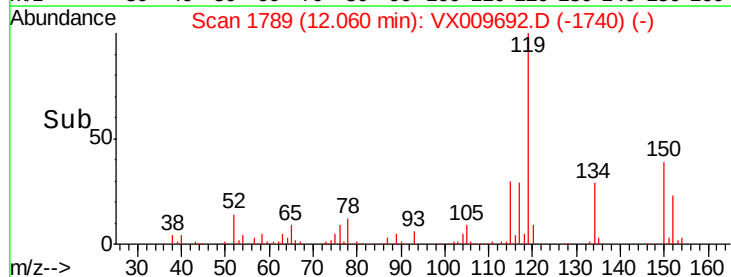
100000

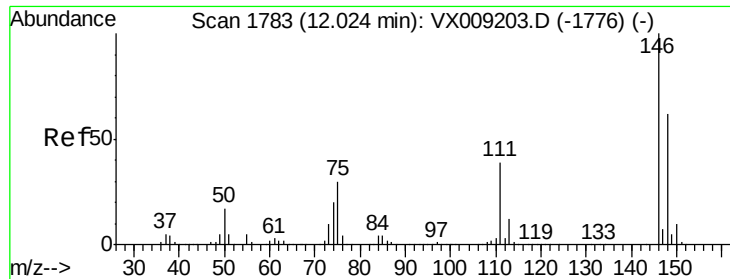
50000

0

Time-->

12.00 12.10

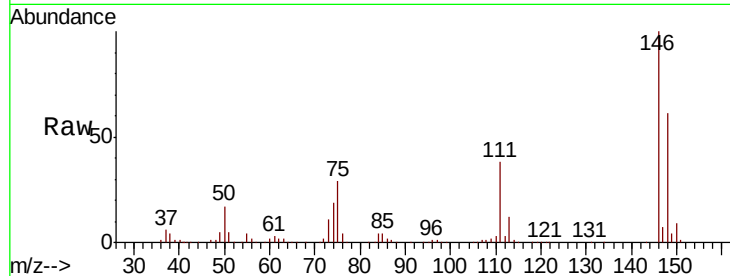




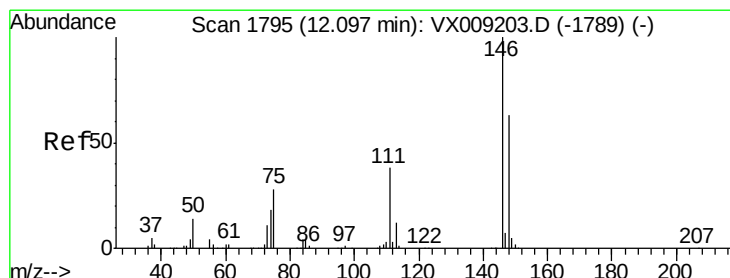
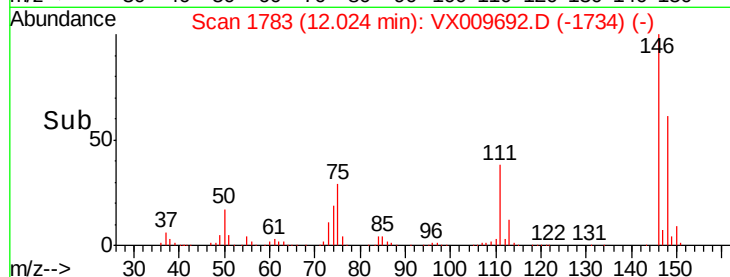
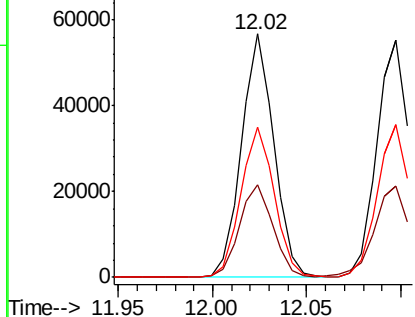
#87
 1,3-Dichlorobenzene
 Concen: 21.505 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX009692.D
 Acq: 18 May 2019 04:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0517WBSD04

Tot Ion:146 Resp: 67717
 Ion Ratio Lower Upper
 146 100
 111 39.5 20.0 59.9
 148 63.6 31.8 95.3

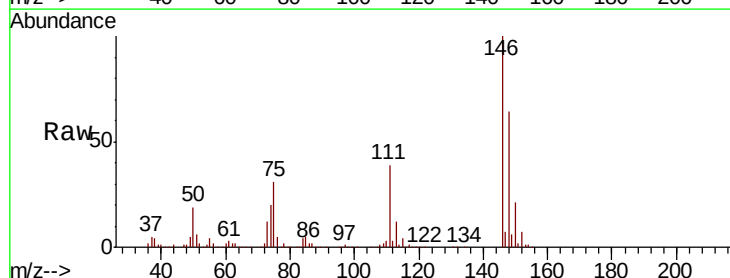


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

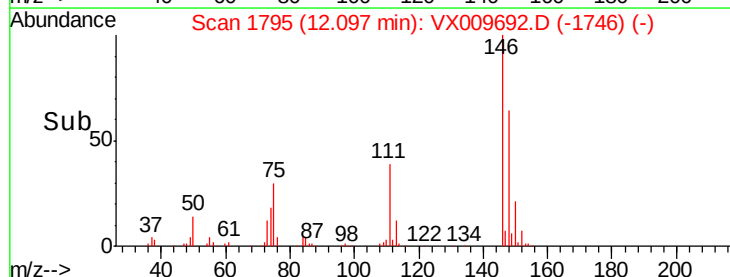
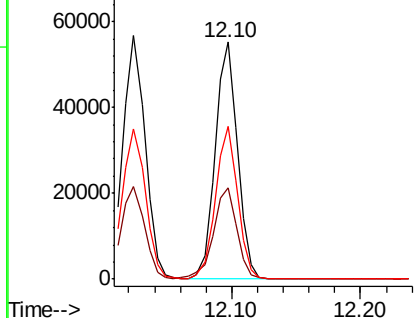


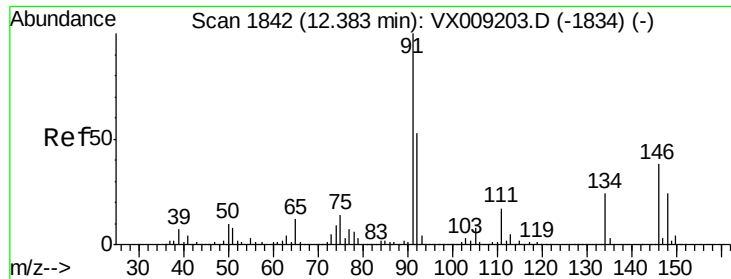
#88
 1,4-Dichlorobenzene
 Concen: 21.264 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX009692.D
 Acq: 18 May 2019 04:19

Tgt Ion:146 Resp: 67505
 Ion Ratio Lower Upper
 146 100
 111 40.6 19.6 58.8
 148 63.7 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

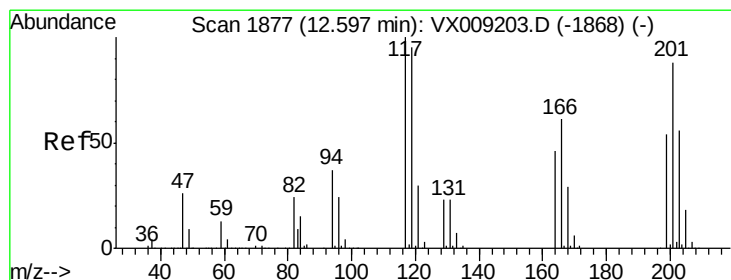
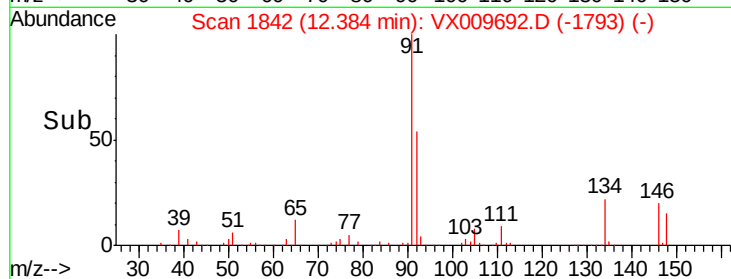
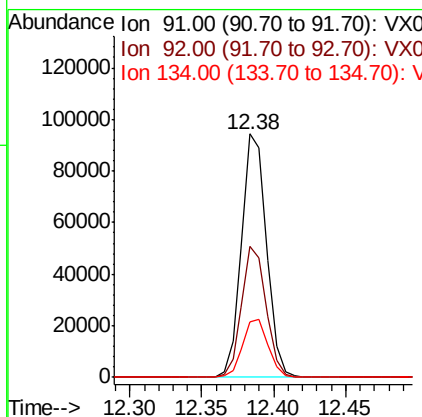
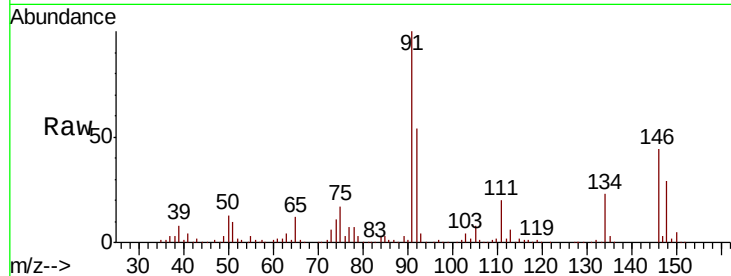




#89
n-Butylbenzene
Concen: 20.247 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX009692.D
Acq: 18 May 2019 04:19

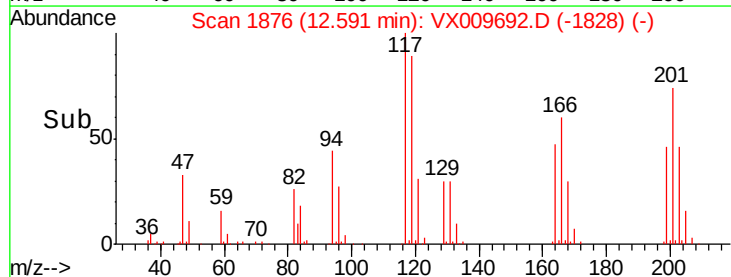
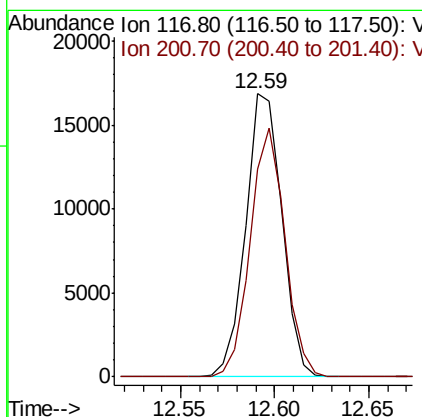
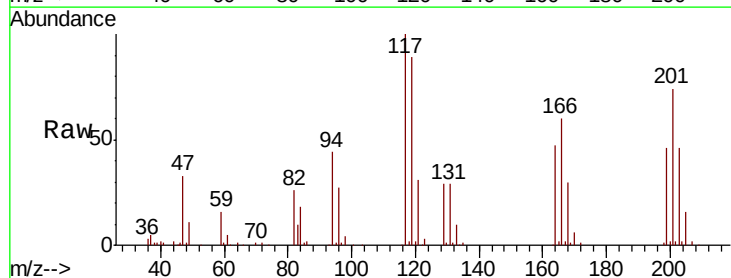
Instrument :
MSVOA_X
ClientSampleId :
VX0517WBSD04

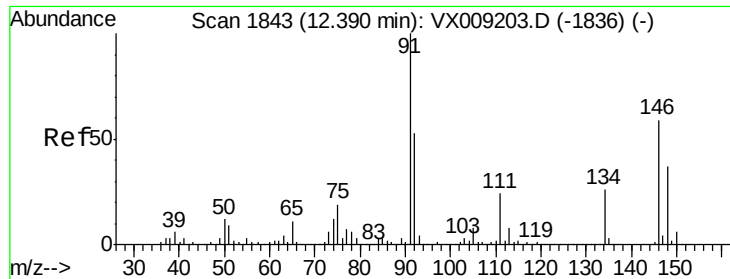
Tot Ion: 91 Resp: 113691
Ion Ratio Lower Upper
91 100
92 52.6 26.5 79.5
134 24.2 12.4 37.2



#90
Hexachloroethane
Concen: 21.292 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX009692.D
Acq: 18 May 2019 04:19

Tgt Ion: 117 Resp: 22537
Ion Ratio Lower Upper
117 100
201 83.9 42.3 126.9

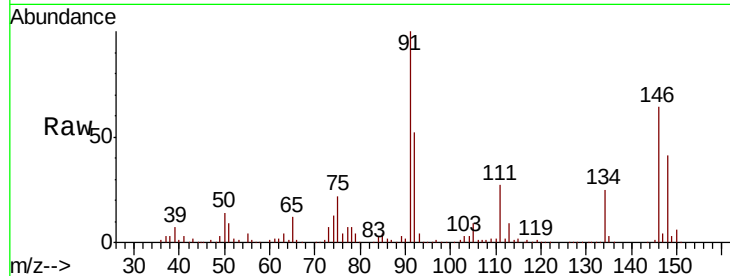




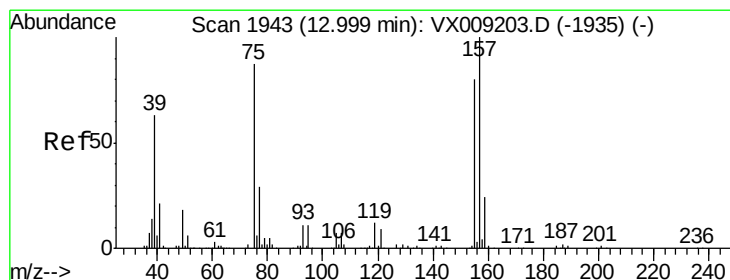
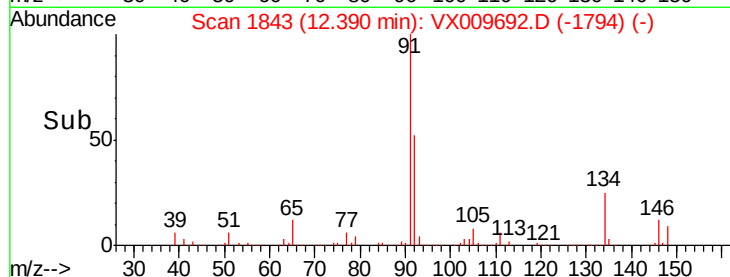
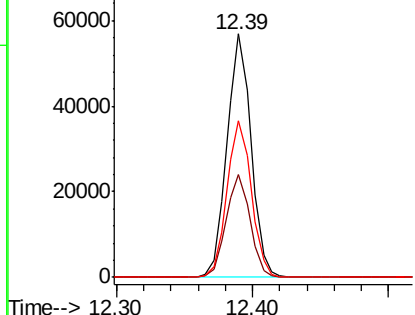
#91
 1,2-Dichlorobenzene
 Concen: 21.741 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX009692.D
 Acq: 18 May 2019 04:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0517WBSD04

Tot Ion:146 Resp: 69729
 Ion Ratio Lower Upper
 146 100
 111 42.1 20.8 62.4
 148 64.9 31.9 95.9

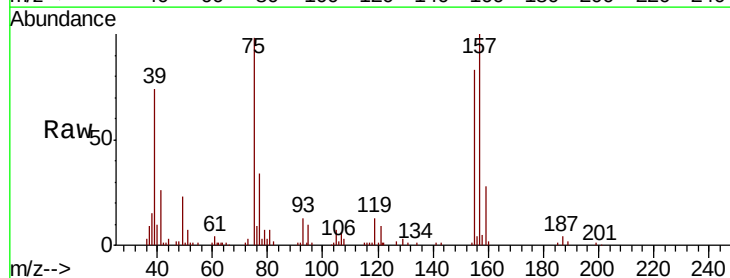


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

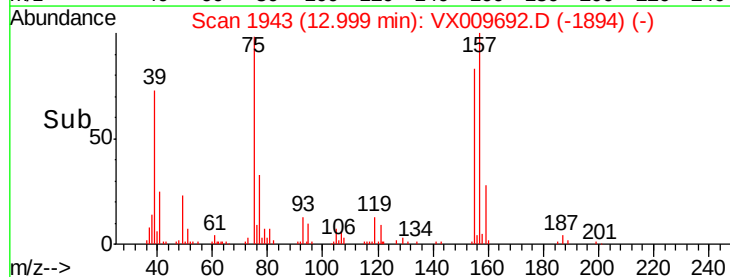
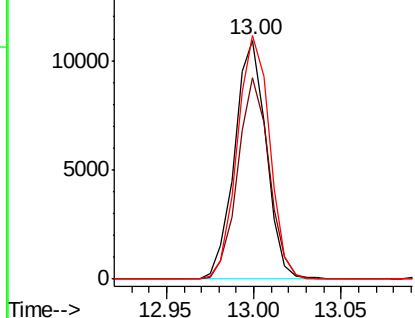


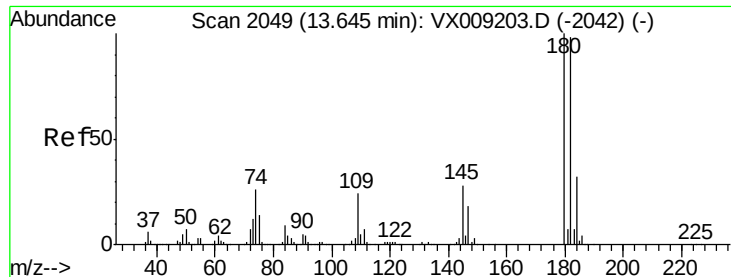
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 23.071 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX009692.D
 Acq: 18 May 2019 04:19

Tgt Ion: 75 Resp: 13730
 Ion Ratio Lower Upper
 75 100
 155 83.6 42.0 126.0
 157 104.0 53.2 159.6



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

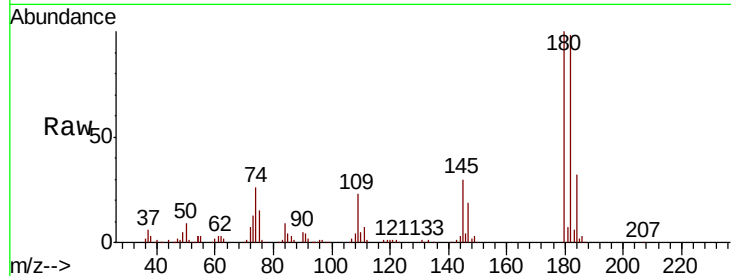




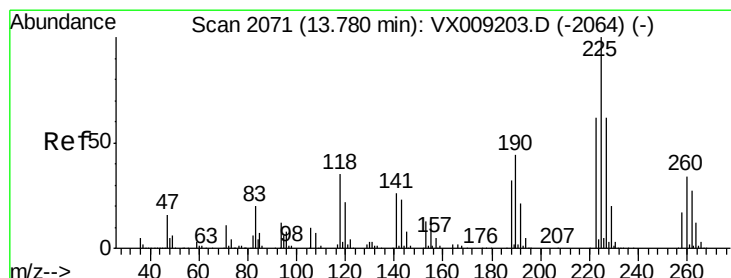
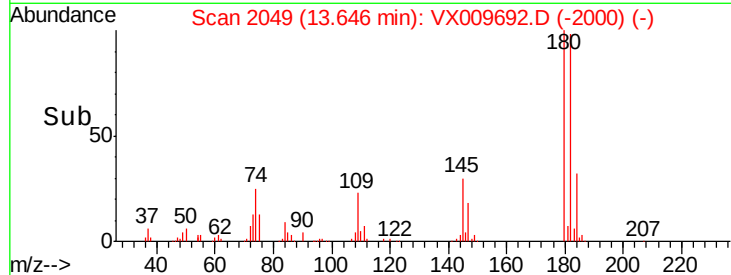
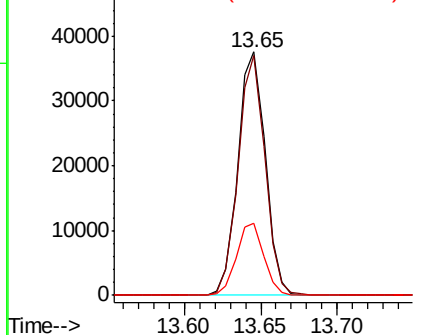
#93
 1,2,4-Trichlorobenzene
 Concen: 21.265 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX009692.D
 Acq: 18 May 2019 04:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0517WBSD04

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.4	48.4	145.2
145	29.7	14.6	43.8

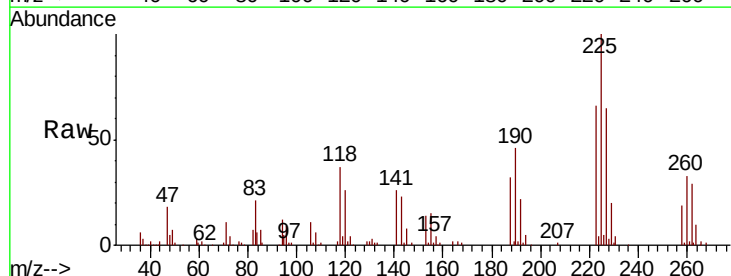


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

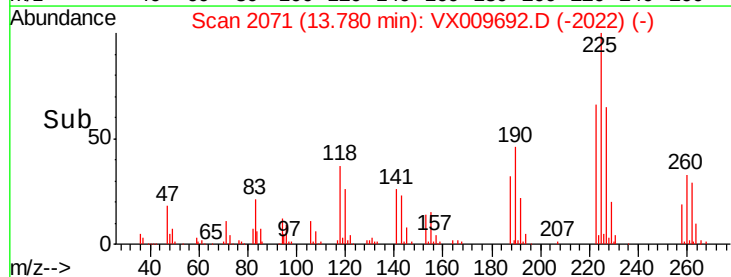
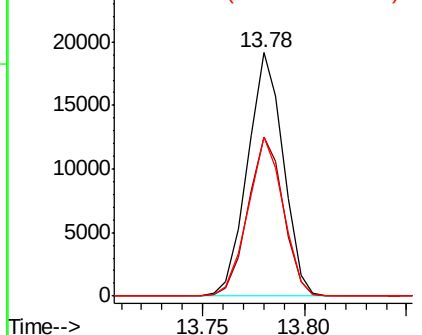


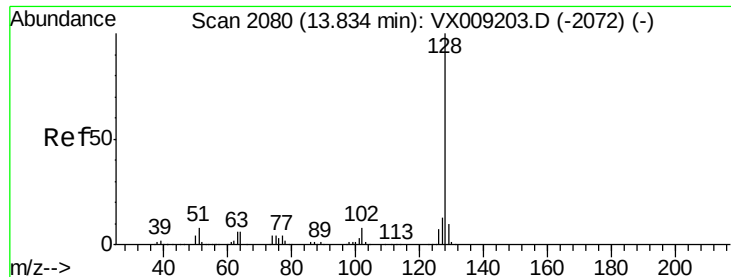
#94
 Hexachlorobutadiene
 Concen: 20.819 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX009692.D
 Acq: 18 May 2019 04:19

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.8	31.3	93.8
227	64.3	31.8	95.3



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

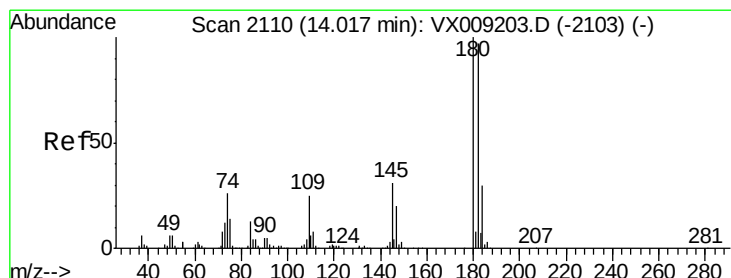
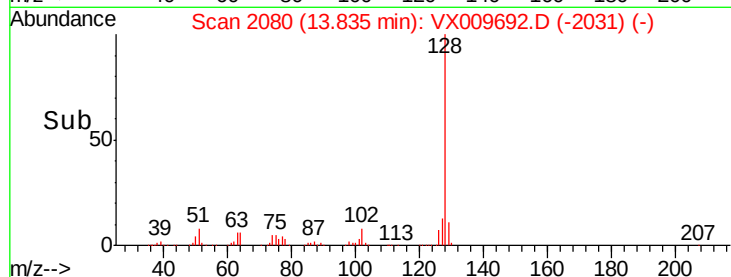
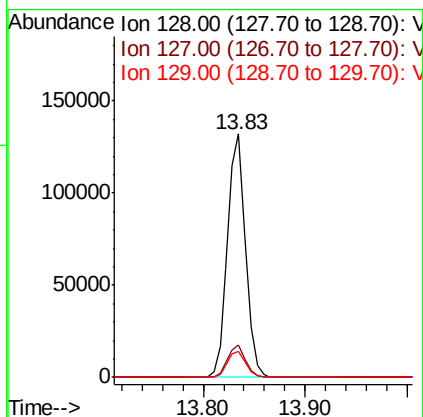
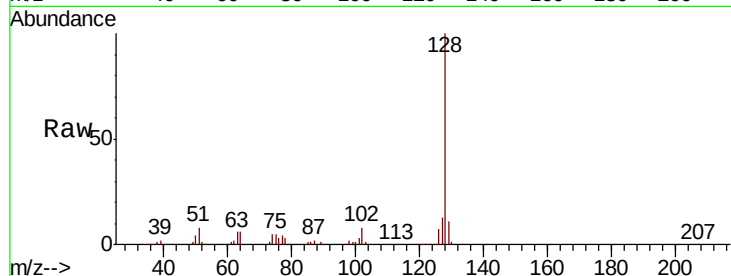




#95
Naphthalene
Concen: 22.549 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX009692.D
Acq: 18 May 2019 04:19

Instrument :
MSVOA_X
ClientSampleId :
VX0517WBSD04

Tot Ion:128 Resp: 160894
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 21.907 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX009692.D
Acq: 18 May 2019 04:19

Tgt Ion:180 Resp: 48702
Ion Ratio Lower Upper
180 100
182 97.9 47.8 143.4
145 30.6 15.4 46.4

