

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100719\
 Data File : VX012877.D
 Acq On : 08 Oct 2019 07:32
 Operator : JC/SP
 Sample : K5122-06MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-MMW3414MS

Quant Time: Oct 08 11:19:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	165089	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	296431	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	263018	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	125683	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	113789	47.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.66%	
35) Dibromofluoromethane	5.49	113	89297	50.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.16%	
50) Toluene-d8	8.71	98	330269	48.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.16%	
62) 4-Bromofluorobenzene	11.14	95	130777	48.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	66776	35.955	ug/l	97
3) Chloromethane	1.32	50	82895	38.870	ug/l	100
4) Vinyl Chloride	1.40	62	87687	41.367	ug/l	95
5) Bromomethane	1.62	94	26867	32.237	ug/l	92
6) Chloroethane	1.70	64	58407	40.873	ug/l	97
7) Trichlorofluoromethane	1.92	101	124651	41.884	ug/l	99
8) Diethyl Ether	2.18	74	54971	45.071	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.37	101	78625	43.375	ug/l	97
10) Methyl Iodide	2.50	142	72353	39.088	ug/l	91
11) Tert butyl alcohol	3.04	59	137170	228.412	ug/l	98
12) 1,1-Dichloroethene	2.36	96	83080	46.806	ug/l	94
13) Acrolein	2.28	56	68825	207.544	ug/l	97
14) Allyl chloride	2.72	41	148109	42.057	ug/l	95
15) Acrylonitrile	3.13	53	287500	235.972	ug/l	99
16) Acetone	2.44	43	251311	197.360	ug/l	93
17) Carbon Disulfide	2.56	76	203217	40.838	ug/l	100
18) Methyl Acetate	2.76	43	123550	41.206	ug/l	96
19) Methyl tert-butyl Ether	3.19	73	321051	47.786	ug/l	100
20) Methylene Chloride	2.84	84	100899	46.849	ug/l	93
21) trans-1,2-Dichloroethene	3.15	96	89354	45.439	ug/l	96
22) Diisopropyl ether	3.84	45	315778	46.406	ug/l	94
23) Vinyl Acetate	3.80	43	1140810	191.174	ug/l	98
24) 1,1-Dichloroethane	3.69	63	173994	47.040	ug/l	99
25) 2-Butanone	4.66	43	398281	218.139	ug/l	94
26) 2,2-Dichloropropane	4.57	77	86733	26.365	ug/l	93
27) cis-1,2-Dichloroethene	4.59	96	109710	48.082	ug/l	88
28) Bromochloromethane	5.00	49	64579	48.084	ug/l	95
29) Tetrahydrofuran	5.11	42	254226	228.448	ug/l	95
30) Chloroform	5.20	83	175772	46.448	ug/l	99
31) Cyclohexane	5.57	56	143515	42.888	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	149731	44.644	ug/l	99
36) 1,1-Dichloropropene	5.79	75	124006	43.400	ug/l	97
37) Ethyl Acetate	4.82	43	129570	38.788	ug/l	97
38) Carbon Tetrachloride	5.77	117	126108	43.448	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100719\
 Data File : VX012877.D
 Acq On : 08 Oct 2019 07:32
 Operator : JC/SP
 Sample : K5122-06MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-MMW3414MS

Quant Time: Oct 08 11:19:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	134221	39.020	ug/l	99
40) Benzene	6.13	78	387036	46.038	ug/l	97
41) Methacrylonitrile	5.03	41	84452	45.060	ug/l	95
42) 1,2-Dichloroethane	6.18	62	143003	44.794	ug/l	97
43) Isopropyl Acetate	6.43	43	223465	40.003	ug/l	96
44) Trichloroethene	7.21	130	100531	46.776	ug/l	96
45) 1,2-Dichloropropane	7.51	63	102085	47.429	ug/l	98
46) Dibromomethane	7.65	93	67512	46.069	ug/l	99
47) Bromodichloromethane	7.89	83	135570	46.287	ug/l	98
48) Methyl methacrylate	7.76	41	119579	44.642	ug/l	92
49) 1,4-Dioxane	7.73	88	54499	897.025	ug/l	95
51) 4-Methyl-2-Pentanone	8.64	43	783085	227.092	ug/l	96
52) Toluene	8.78	92	243338	46.053	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	138800	42.832	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	151162	42.723	ug/l	90
55) 1,1,2-Trichloroethane	9.21	97	103704	49.367	ug/l	98
56) Ethyl methacrylate	9.17	69	168023	47.610	ug/l	91
57) 1,3-Dichloropropane	9.37	76	173113	47.086	ug/l	100
59) 2-Hexanone	9.49	43	603666	228.707	ug/l	93
60) Dibromochloromethane	9.58	129	104064	48.937	ug/l	100
61) 1,2-Dibromoethane	9.67	107	106280	48.613	ug/l	99
64) Tetrachloroethene	9.33	164	80554	43.927	ug/l	92
65) Chlorobenzene	10.14	112	258481	46.669	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	98727	49.197	ug/l	99
67) Ethyl Benzene	10.25	91	470892	46.875	ug/l	99
68) m/p-Xylenes	10.35	106	347624	92.377	ug/l	100
69) o-Xylene	10.70	106	171067	46.980	ug/l	100
70) Stvrene	10.71	104	301626	49.412	ug/l	98
71) Bromoform	10.85	173	71793	51.379	ug/l #	98
73) Isopropylbenzene	11.01	105	455363	44.484	ug/l	100
74) N-amyl acetate	10.89	43	184587	37.798	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.26	83	165892	48.933	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	176841	53.191	ug/l	87
77) Bromobenzene	11.25	156	105766	45.652	ug/l	99
78) n-propylbenzene	11.35	91	506231	43.927	ug/l	100
79) 2-Chlorotoluene	11.42	91	312629	43.486	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	378551	44.099	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	40980	35.324	ug/l	98
82) 4-Chlorotoluene	11.51	91	361568	44.119	ug/l	100
83) tert-Butylbenzene	11.76	119	378039	45.654	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	392778	45.358	ug/l	99
85) sec-Butylbenzene	11.94	105	433772	45.038	ug/l	99
86) p-Isopropyltoluene	12.06	119	390926	44.984	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	194689	46.696	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	194460	46.156	ug/l	99
89) n-Butylbenzene	12.38	91	324496	42.374	ug/l	98
90) Hexachloroethane	12.59	117	68776	44.391	ug/l	91
91) 1,2-Dichlorobenzene	12.38	146	199266	47.738	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	39007	45.997	ug/l	97
93) 1,2,4-Trichlorobenzene	13.64	180	119464	46.930	ug/l	99

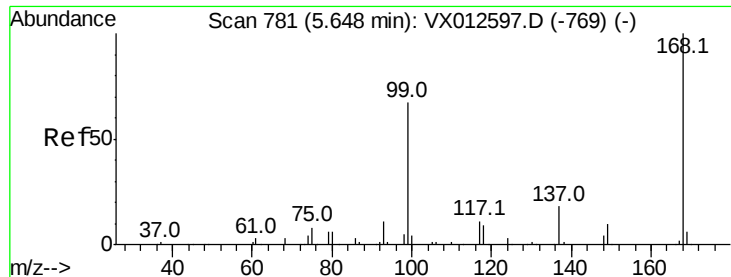
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX100719\
Data File : VX012877.D
Acq On : 08 Oct 2019 07:32
Operator : JC/SP
Sample : K5122-06MS
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 53 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FA19-MMW3414MS

Quant Time: Oct 08 11:19:03 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	49286	45.005	ug/l	99
95) Naphthalene	13.83	128	429825	46.669	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	120953	47.433	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012877.D

Acq: 08 Oct 2019 07:32

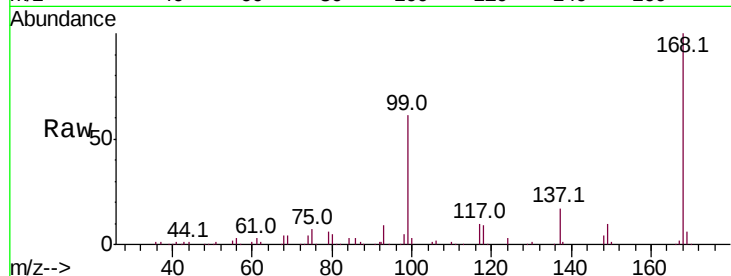
Instrument :
MSVOA_X
ClientSampleId :
FA19-MMW3414MS

Tot Ion:168 Resp: 165089

Ion Ratio Lower Upper

168 100

99 60.4 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

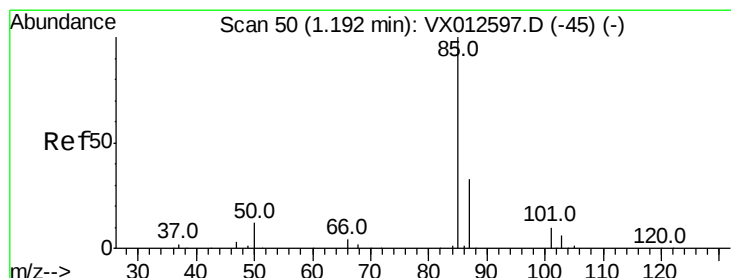
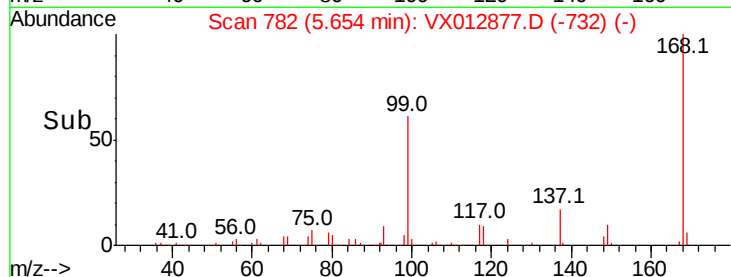
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 35.955 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX012877.D

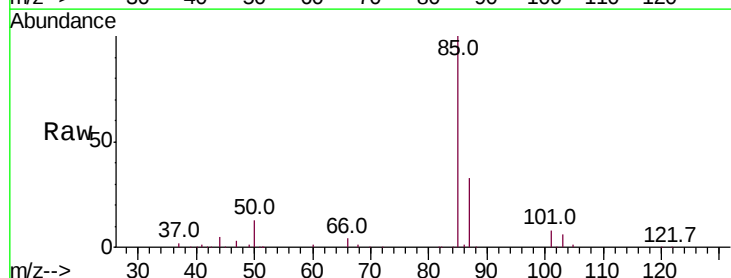
Acq: 08 Oct 2019 07:32

Tgt Ion: 85 Resp: 66776

Ion Ratio Lower Upper

85 100

87 33.0 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

60000

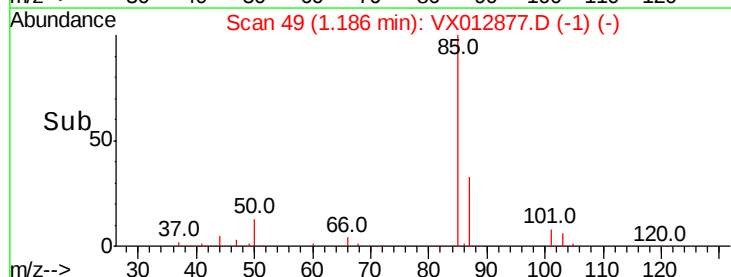
40000

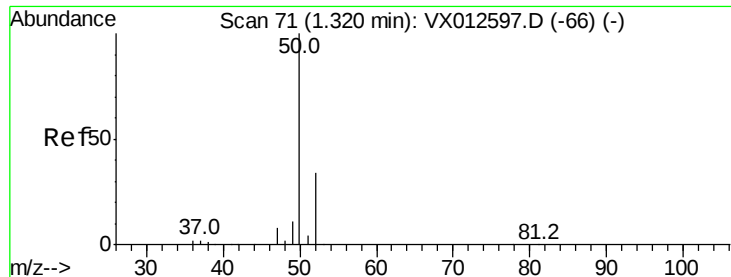
20000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 38.870 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX012877.D

Acq: 08 Oct 2019 07:32

Instrument :

MSVOA_X

ClientSampleId :

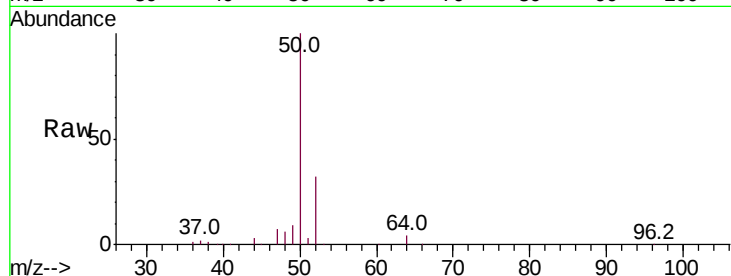
FA19-MMW3414MS

Tot Ion: 50 Resp: 82895

Ion Ratio Lower Upper

50 100

52 32.0 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

80000

60000

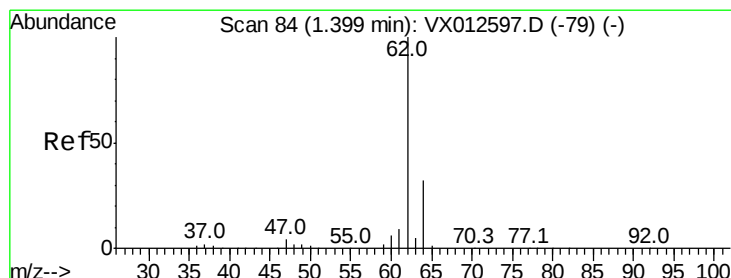
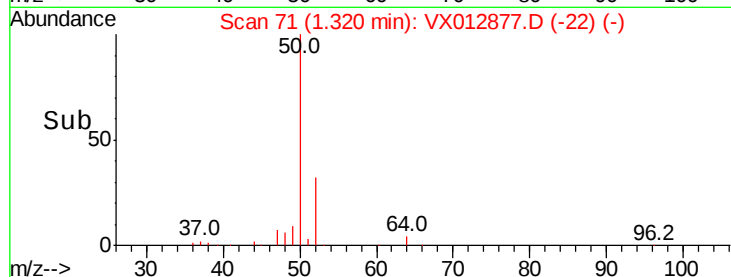
40000

20000

0

1.25 1.30 1.35 1.40

Time-->



#4

Vinyl Chloride

Concen: 41.367 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX012877.D

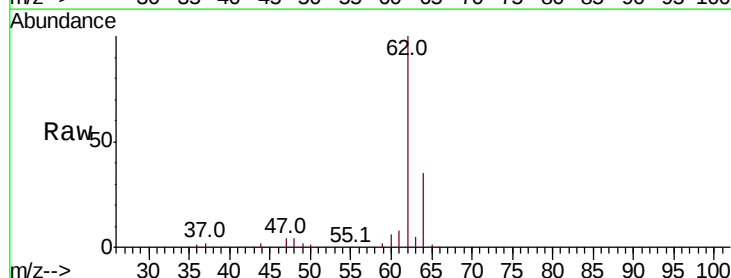
Acq: 08 Oct 2019 07:32

Tgt Ion: 62 Resp: 87687

Ion Ratio Lower Upper

62 100

64 32.7 24.2 36.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

100000

80000

60000

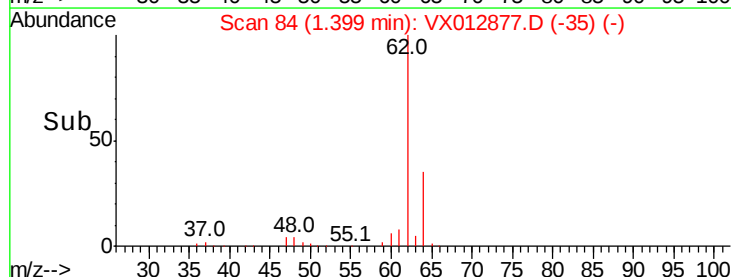
40000

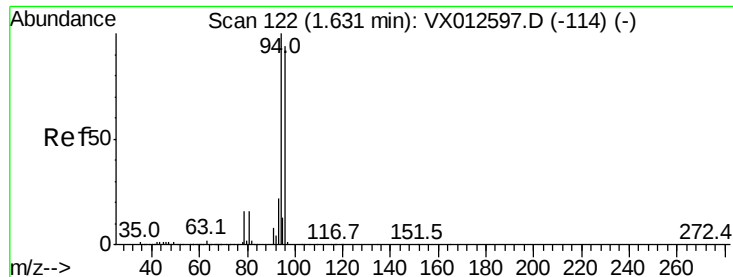
20000

0

1.35 1.40 1.45 1.50

Time-->





#5

Bromomethane

Concen: 32.237 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX012877.D

Acq: 08 Oct 2019 07:32

Instrument :

MSVOA_X

ClientSampleId :

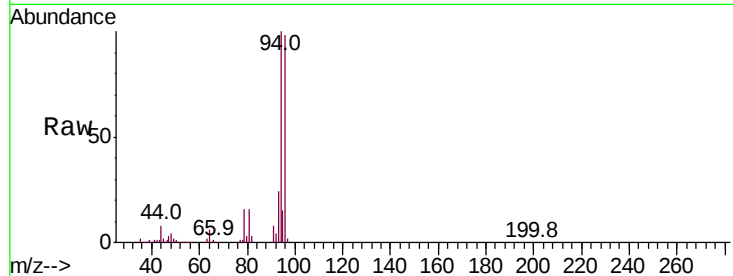
FA19-MMW3414MS

Tot Ion: 94 Resp: 26867

Ion Ratio Lower Upper

94 100

96 98.3 72.8 109.2

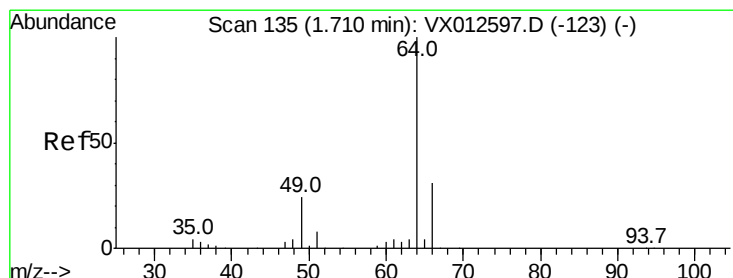
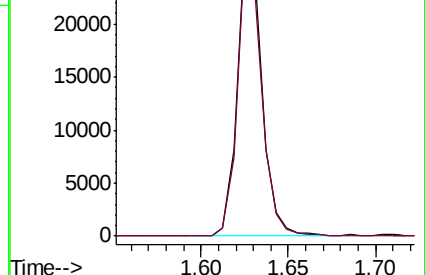
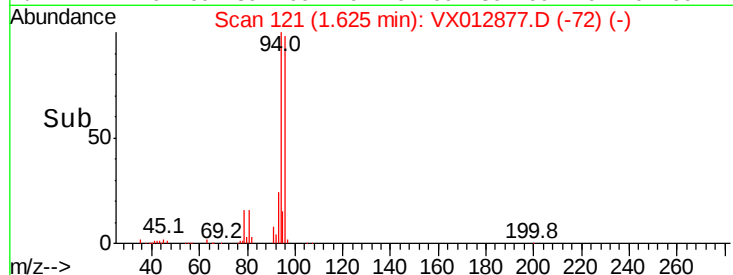


Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

Time-->



#6

Chloroethane

Concen: 40.873 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX012877.D

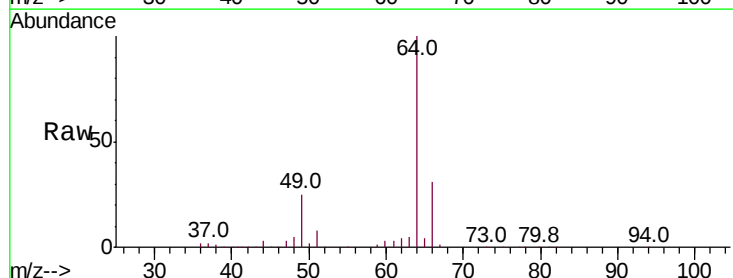
Acq: 08 Oct 2019 07:32

Tgt Ion: 64 Resp: 58407

Ion Ratio Lower Upper

64 100

66 31.9 24.0 36.0

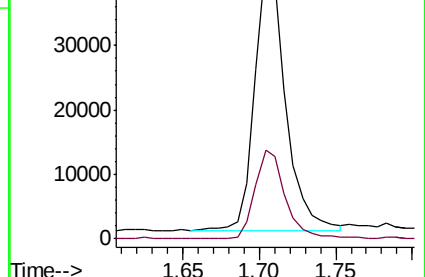
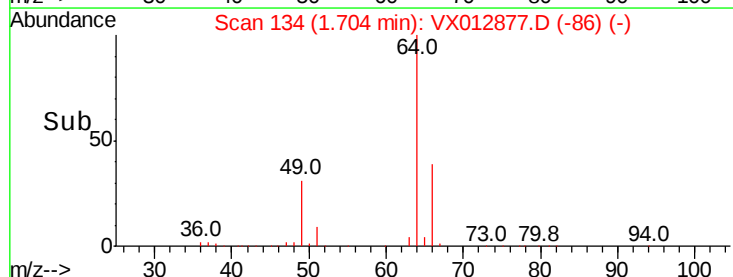


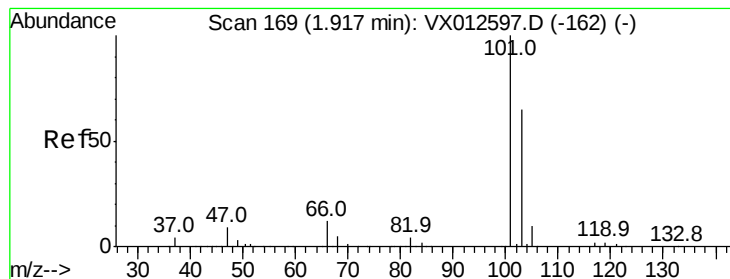
Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.70

Time-->



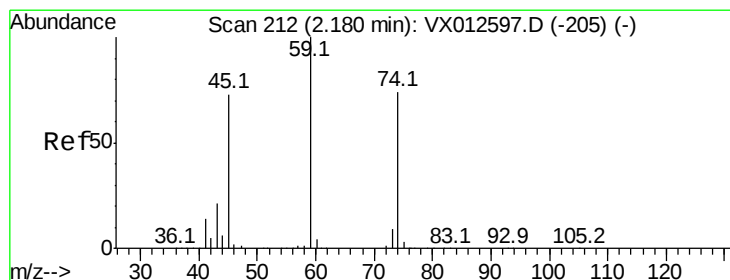
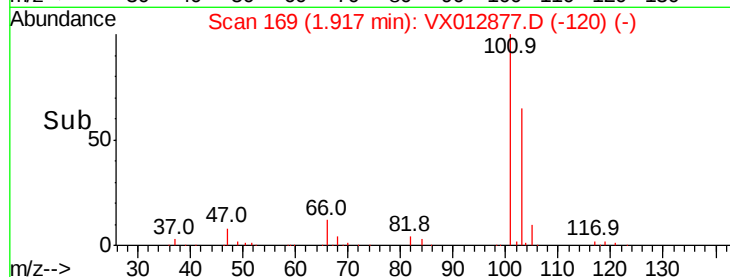
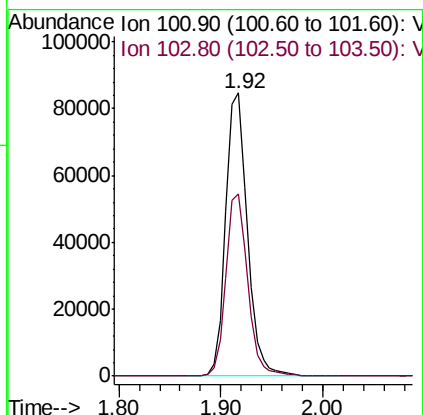
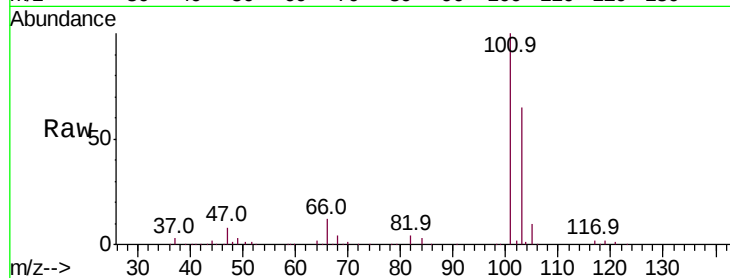


#7

Trichlorofluoromethane
Concen: 41.884 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX012877.D
Acq: 08 Oct 2019 07:32

Instrument :
MSVOA_X
ClientSampleId :
FA19-MMW3414MS

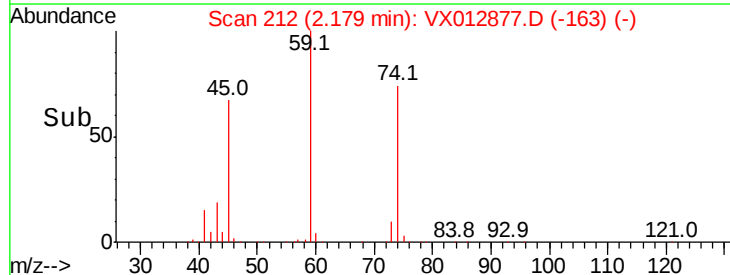
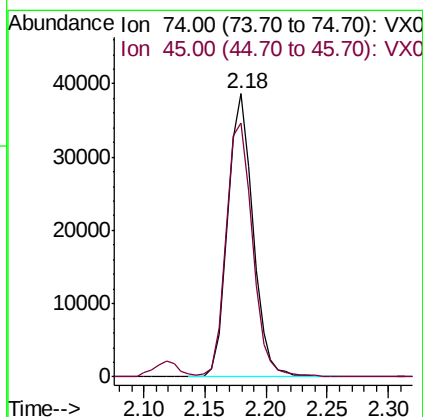
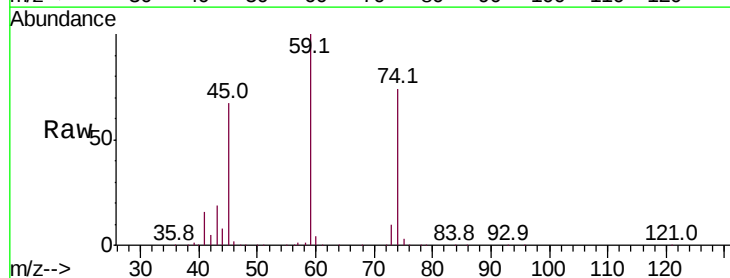
Tot Ion:101 Resp: 124651
Ion Ratio Lower Upper
101 100
103 64.6 51.0 76.4

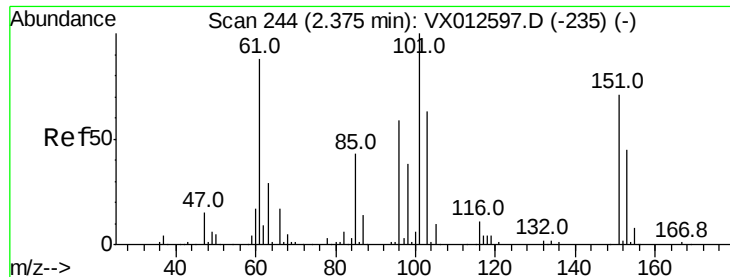


#8

Diethyl Ether
Concen: 45.071 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX012877.D
Acq: 08 Oct 2019 07:32

Tgt Ion: 74 Resp: 54971
Ion Ratio Lower Upper
74 100
45 94.2 49.9 149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.375 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX012877.D

Acq: 08 Oct 2019 07:32

Instrument :

MSVOA_X

ClientSampleId :

FA19-MMW3414MS

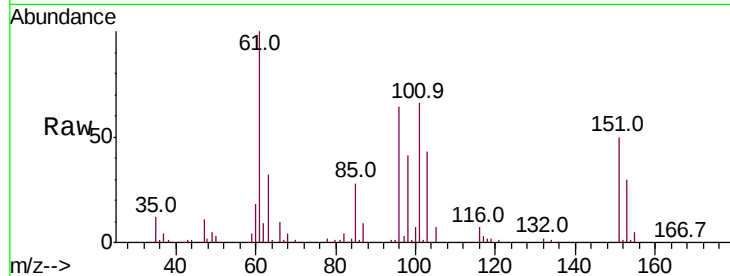
Tot Ion:101 Resp: 78625

Ion Ratio Lower Upper

101 100

85 43.5 37.3 55.9

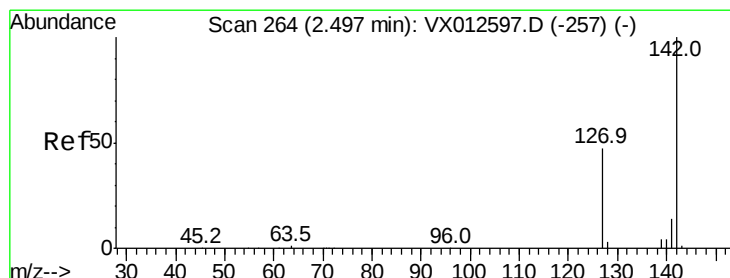
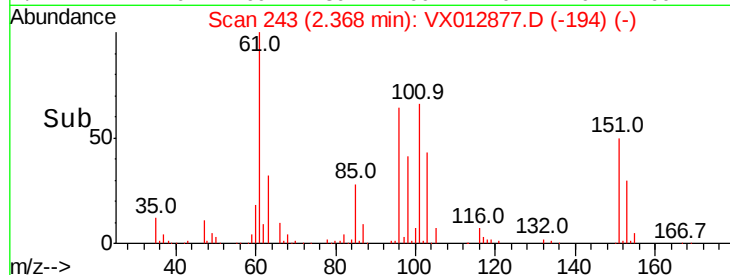
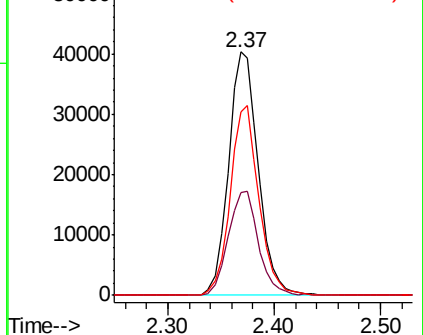
151 75.2 61.0 91.4



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: 39.088 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX012877.D

Acq: 08 Oct 2019 07:32

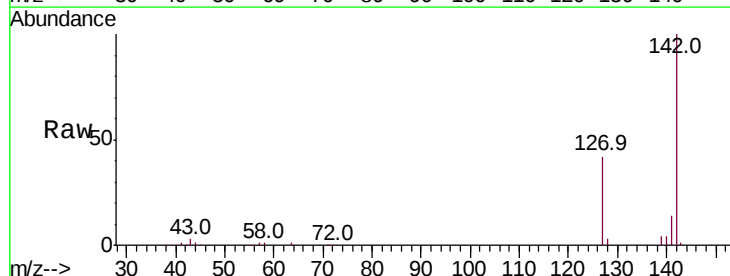
Tgt Ion:142 Resp: 72353

Ion Ratio Lower Upper

142 100

127 42.9 40.8 61.2

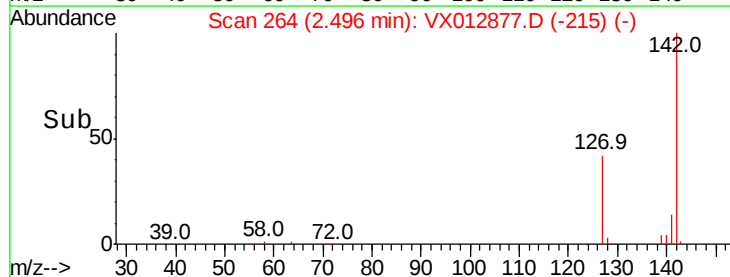
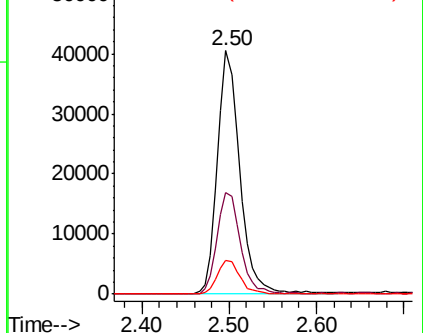
141 14.3 12.1 18.1

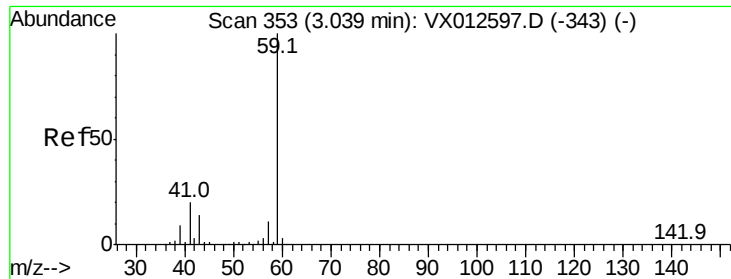


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

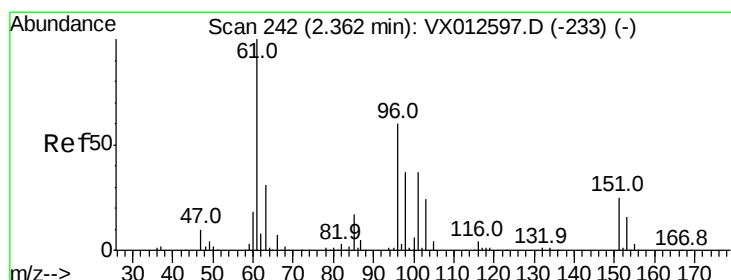
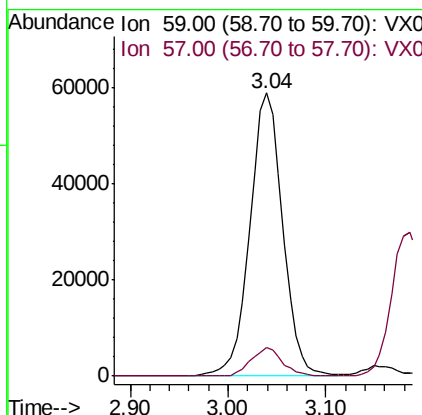
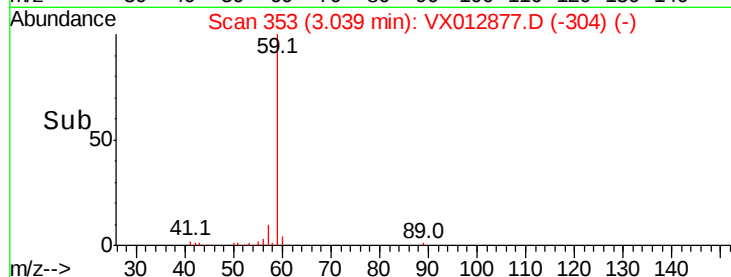
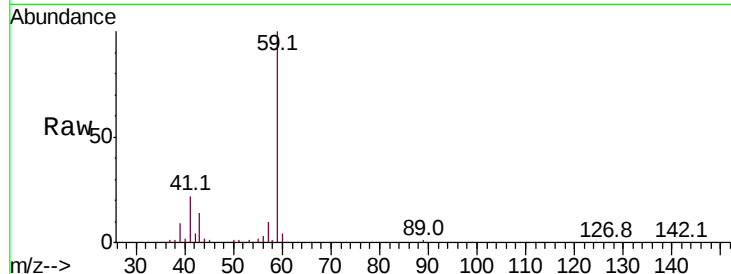




#11
Tert butyl alcohol
Concen: 228.412 ug/l
RT: 3.04 min Scan# 353
Delta R.T. 0.00 min
Lab File: VX012877.D
Acq: 08 Oct 2019 07:32

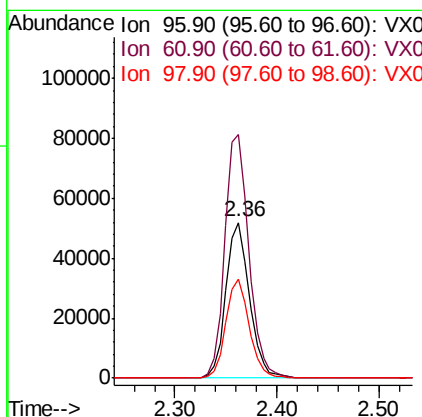
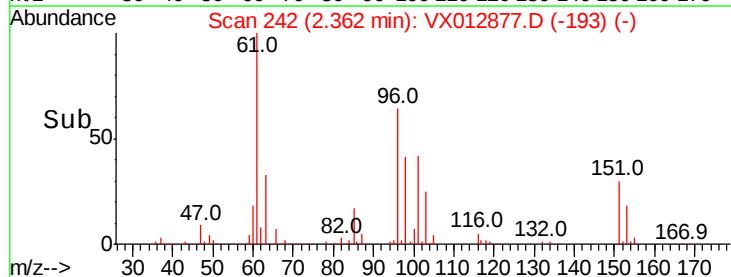
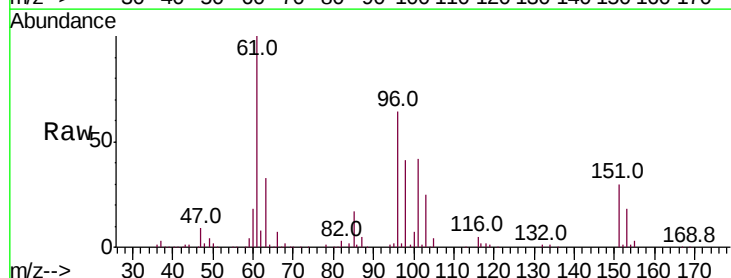
Instrument :
MSVOA_X
ClientSampleId :
FA19-MMW3414MS

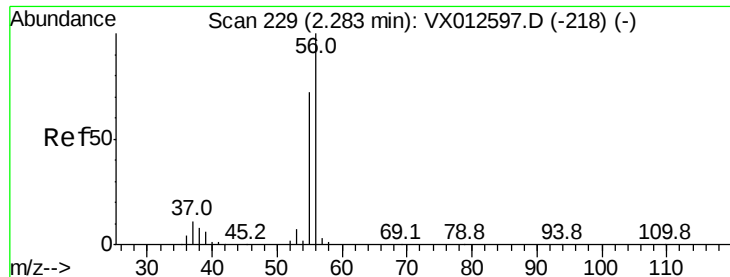
Tot Ion: 59 Resp: 137170
Ion Ratio Lower Upper
59 100
57 9.7 8.3 12.5



#12
1,1-Dichloroethene
Concen: 46.806 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX012877.D
Acq: 08 Oct 2019 07:32

Tgt Ion: 96 Resp: 83080
Ion Ratio Lower Upper
96 100
61 156.6 133.8 200.6
98 64.0 49.9 74.9





#13

Acrolein

Concen: 207.544 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX012877.D

Acq: 08 Oct 2019 07:32

Instrument :

MSVOA_X

ClientSampleId :

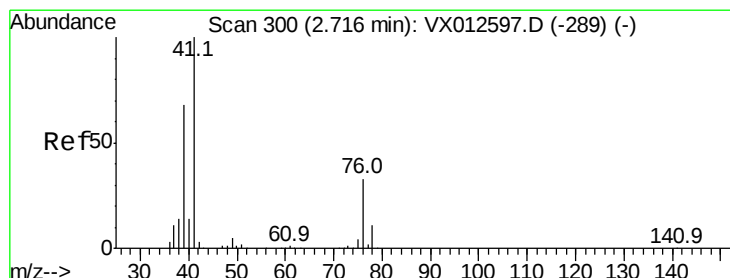
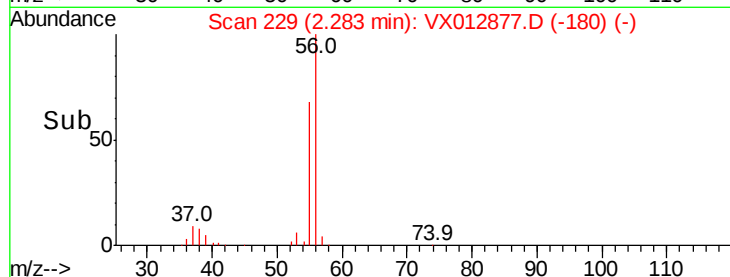
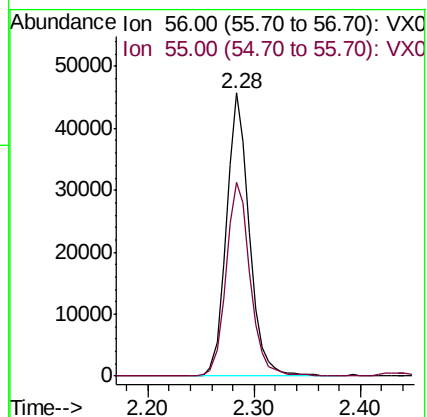
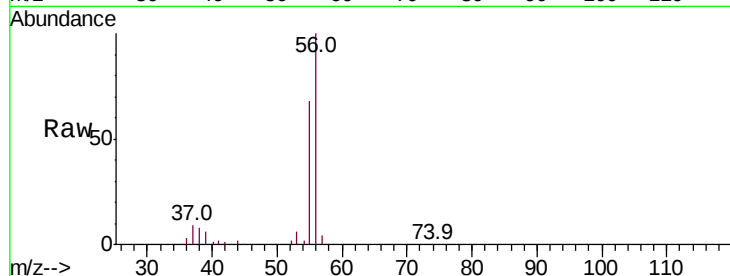
FA19-MMW3414MS

Tot Ion: 56 Resp: 68825

Ion Ratio Lower Upper

56 100

55 72.0 55.8 83.8



#14

Allyl chloride

Concen: 42.057 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX012877.D

Acq: 08 Oct 2019 07:32

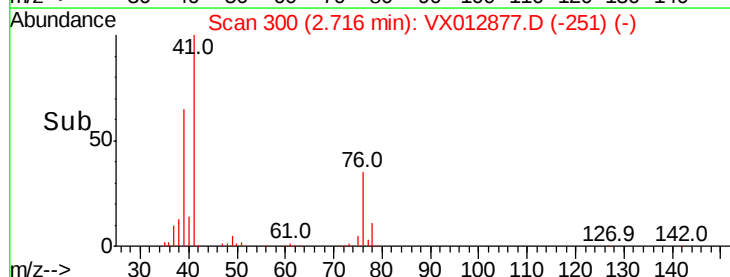
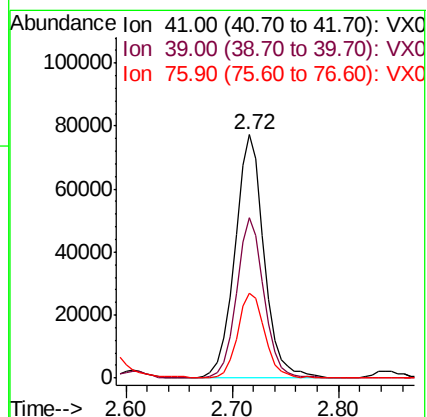
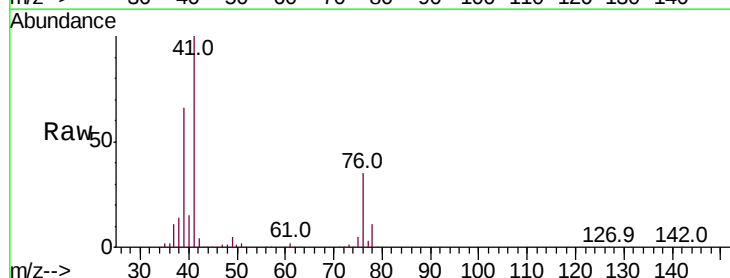
Tgt Ion: 41 Resp: 148109

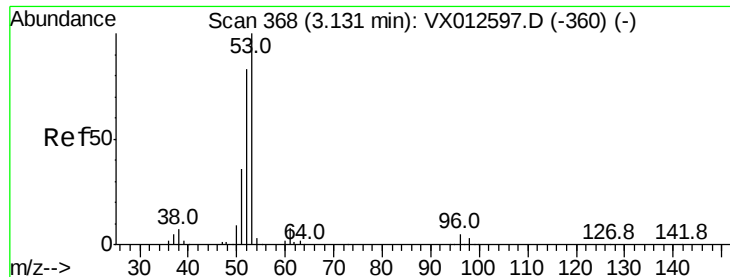
Ion Ratio Lower Upper

41 100

39 61.8 51.3 76.9

76 32.8 22.6 33.8





#15

Acrylonitrile

Concen: 235.972 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX012877.D

Acq: 08 Oct 2019 07:32

Instrument :

MSVOA_X

ClientSampleId :

FA19-MMW3414MS

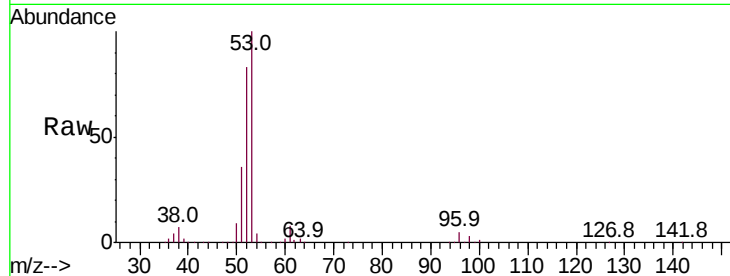
Tot Ion: 53 Resp: 287500

Ion Ratio Lower Upper

53 100

52 83.5 67.0 100.4

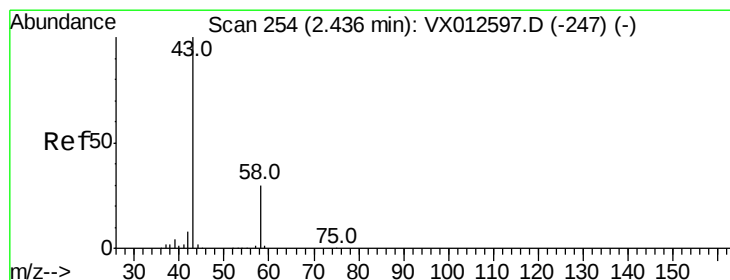
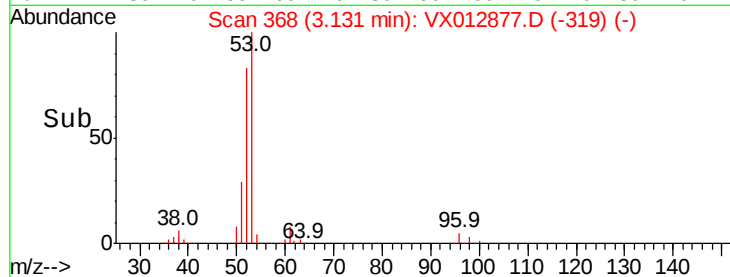
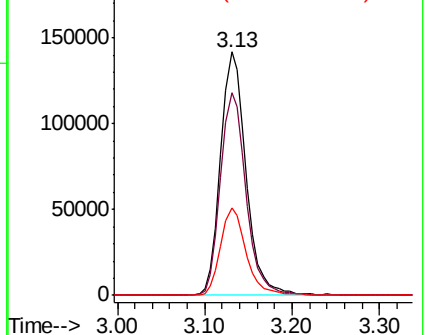
51 36.1 29.6 44.4



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 197.360 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX012877.D

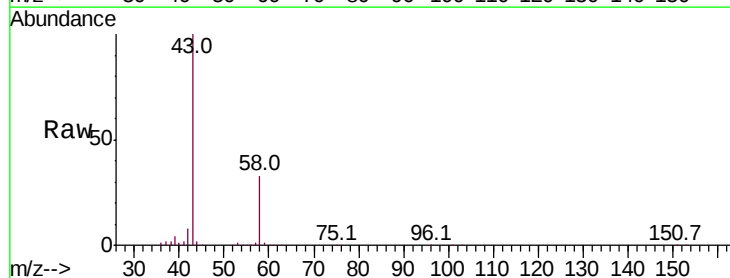
Acq: 08 Oct 2019 07:32

Tgt Ion: 43 Resp: 251311

Ion Ratio Lower Upper

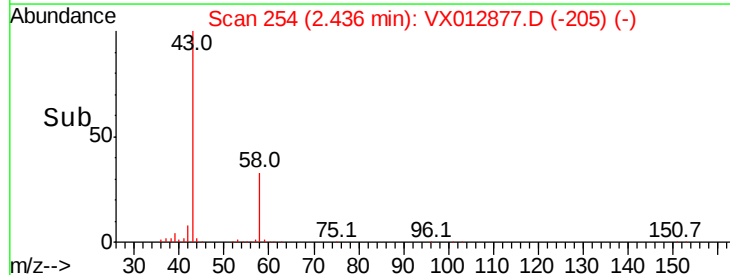
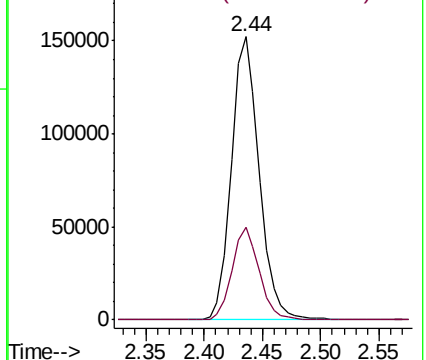
43 100

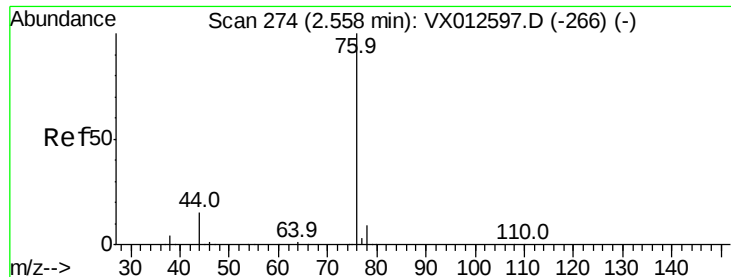
58 32.7 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 40.838 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX012877.D

Acq: 08 Oct 2019 07:32

Instrument :

MSVOA_X

ClientSampleId :

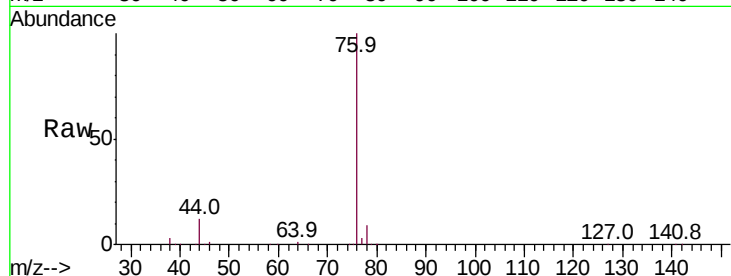
FA19-MMW3414MS

Tot Ion: 76 Resp: 203217

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

100000

50000

0

Time-->

2.50 2.60 2.70

2.50 2.60 2.70

2.50 2.60 2.70

2.50 2.60 2.70

2.50 2.60 2.70

2.50 2.60 2.70

2.50 2.60 2.70

2.50 2.60 2.70

2.50 2.60 2.70

2.50 2.60 2.70

2.50 2.60 2.70

2.50 2.60 2.70

2.50 2.60 2.70

2.50 2.60 2.70

2.50 2.60 2.70

2.50 2.60 2.70

2.50 2.60 2.70

2.50 2.60 2.70

2.50 2.60 2.70

2.50 2.60 2.70

2.50 2.60 2.70

2.50 2.60 2.70

2.50 2.60 2.70

2.50 2.60 2.70

2.50 2.60 2.70

2.50 2.60 2.70

2.50 2.60 2.70

2.50 2.60 2.70

2.50 2.60 2.70

2.50 2.60 2.70

2.50 2.60 2.70

2.50 2.60 2.70

2.50 2.60 2.70

2.50 2.60 2.70

2.50 2.60 2.70

2.50 2.60 2.70

2.50 2.60 2.70

2.50 2.60 2.70

2.50 2.60 2.70

2.50 2.60 2.70

2.50 2.60 2.70

2.50 2.60 2.70

2.50 2.60 2.70

2.50 2.60 2.70

2.50 2.60 2.70

2.50 2.60 2.70

2.50 2.60 2.70

2.50 2.60 2.70

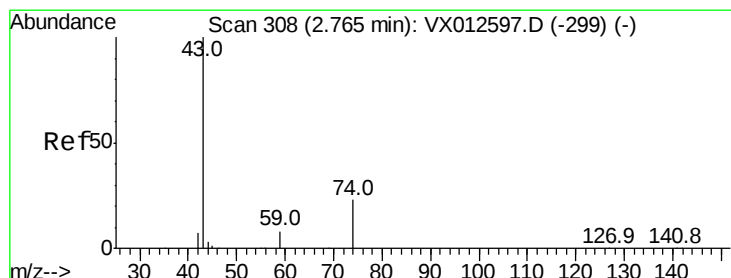
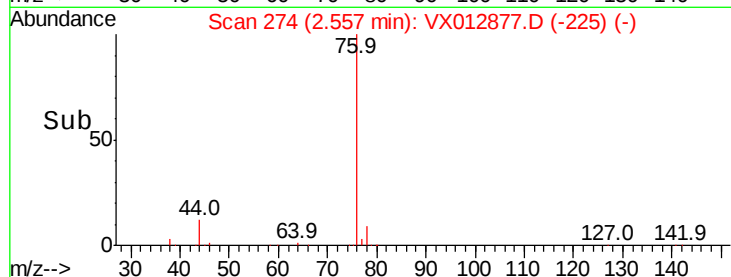
2.50 2.60 2.70

2.50 2.60 2.70

2.50 2.60 2.70

2.50 2.60 2.70

2.50 2.60 2.70



#18

Methyl Acetate

Concen: 41.206 ug/l

RT: 2.76 min Scan# 308

Delta R.T. -0.00 min

Lab File: VX012877.D

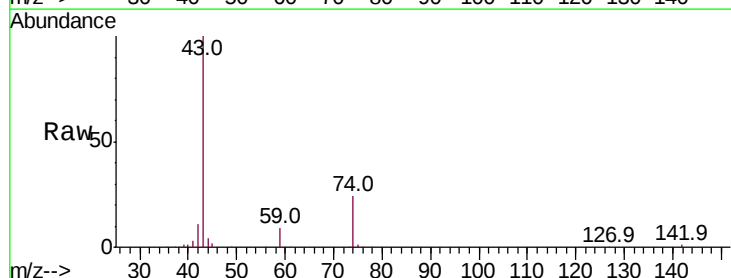
Acq: 08 Oct 2019 07:32

Tgt Ion: 43 Resp: 123550

Ion Ratio Lower Upper

43 100

74 24.1 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

80000

60000

40000

20000

0

Time-->

2.70 2.80 2.90

2.70 2.80 2.90

2.70 2.80 2.90

2.70 2.80 2.90

2.70 2.80 2.90

2.70 2.80 2.90

2.70 2.80 2.90

2.70 2.80 2.90

2.70 2.80 2.90

2.70 2.80 2.90

2.70 2.80 2.90

2.70 2.80 2.90

2.70 2.80 2.90

2.70 2.80 2.90

2.70 2.80 2.90

2.70 2.80 2.90

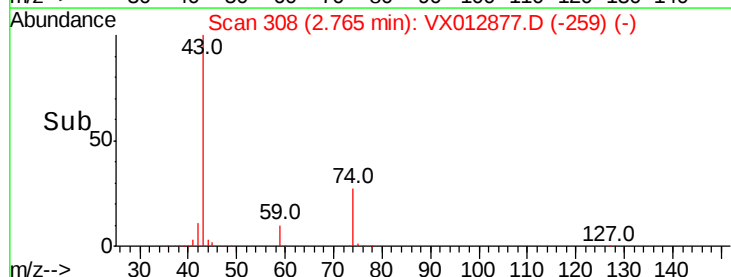
2.70 2.80 2.90

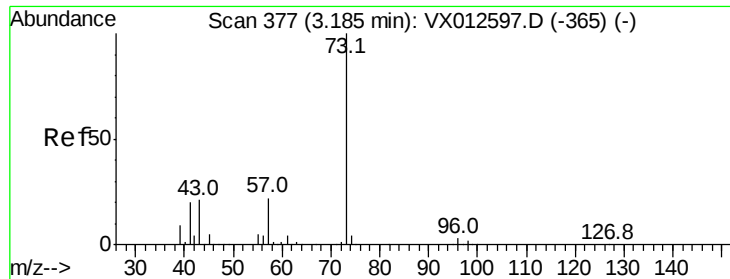
2.70 2.80 2.90

2.70 2.80 2.90

2.70 2.80 2.90

2.70 2.80 2.90

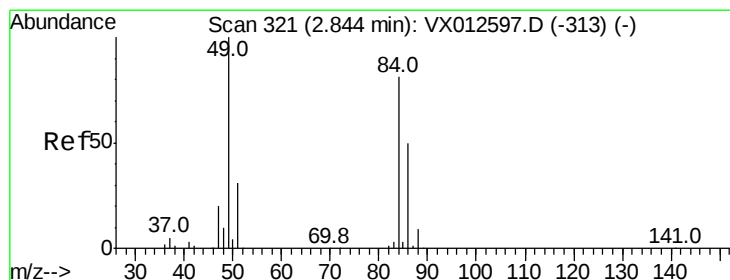
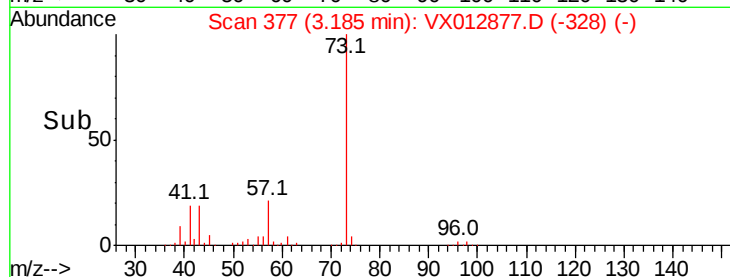
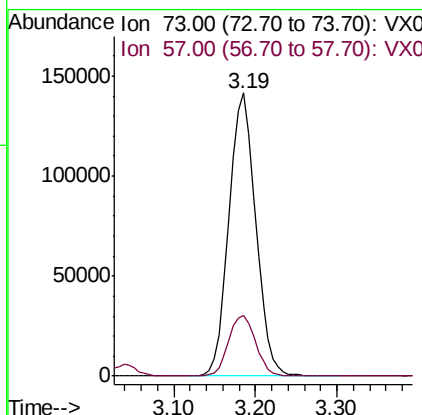
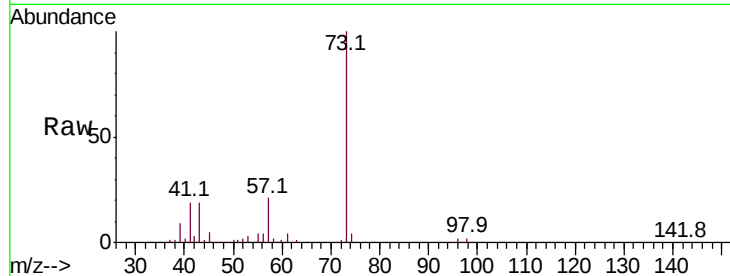




#19
Methyl tert-butyl Ether
Concen: 47.786 ug/l
RT: 3.19 min Scan# 377
Delta R.T. -0.00 min
Lab File: VX012877.D
Acq: 08 Oct 2019 07:32

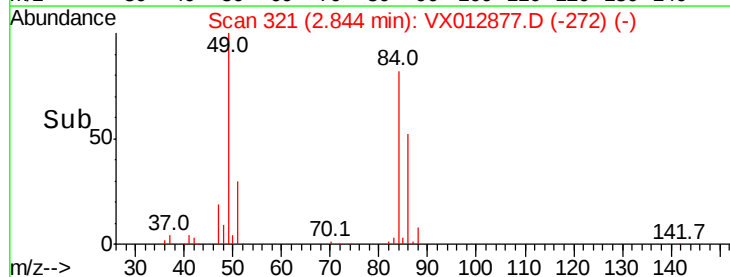
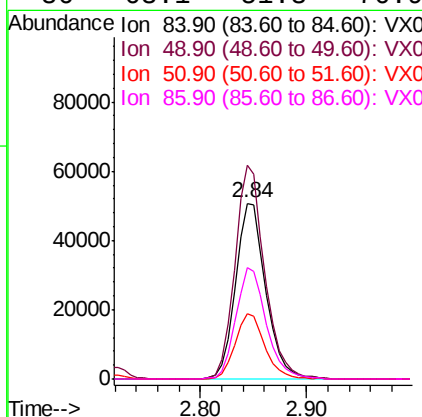
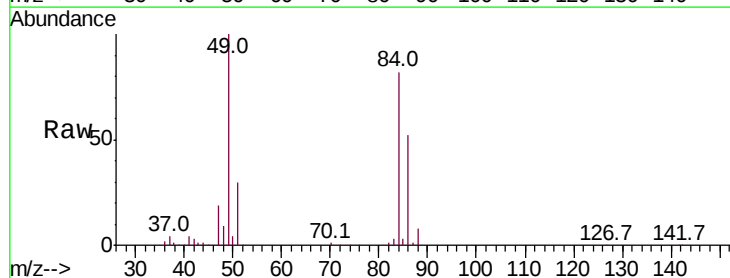
Instrument :
MSVOA_X
ClientSampleId :
FA19-MMW3414MS

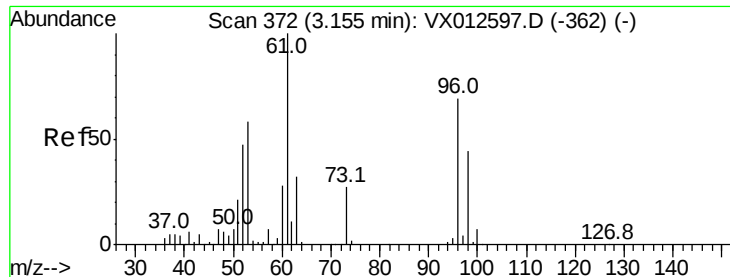
Tot Ion: 73 Resp: 321051
Ion Ratio Lower Upper
73 100
57 21.2 16.8 25.2



#20
Methylene Chloride
Concen: 46.849 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX012877.D
Acq: 08 Oct 2019 07:32

Tgt Ion: 84 Resp: 100899
Ion Ratio Lower Upper
84 100
49 121.5 106.8 160.2
51 37.0 32.3 48.5
86 63.1 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 45.439 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012877.D

Acq: 08 Oct 2019 07:32

Instrument :
MSVOA_X
ClientSampleId :
FA19-MMW3414MS

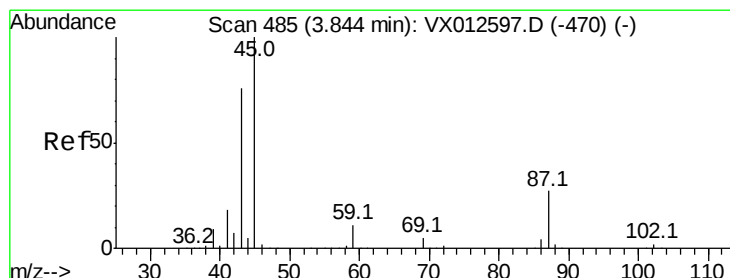
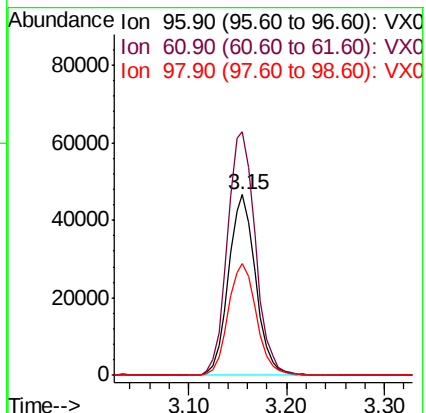
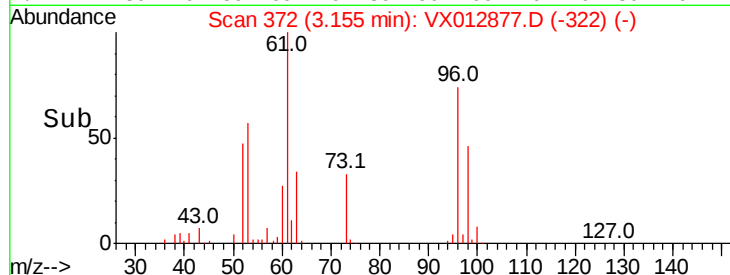
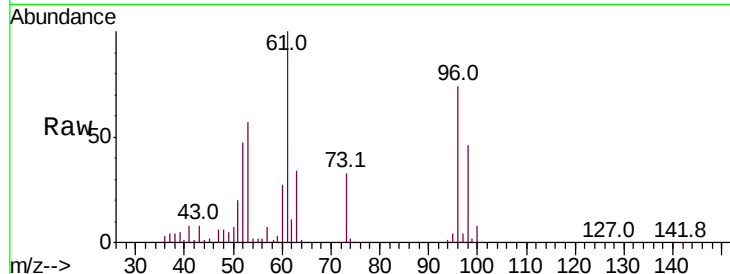
Tot Ion: 96 Resp: 89354

Ion Ratio Lower Upper

96 100

61 134.9 112.0 168.0

98 62.2 47.8 71.8



#22

Diisopropyl ether

Concen: 46.406 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX012877.D

Acq: 08 Oct 2019 07:32

Tgt Ion: 45 Resp: 315778

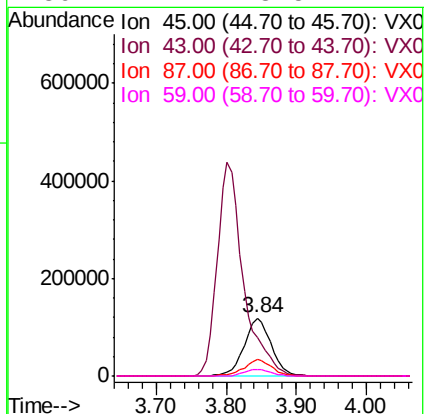
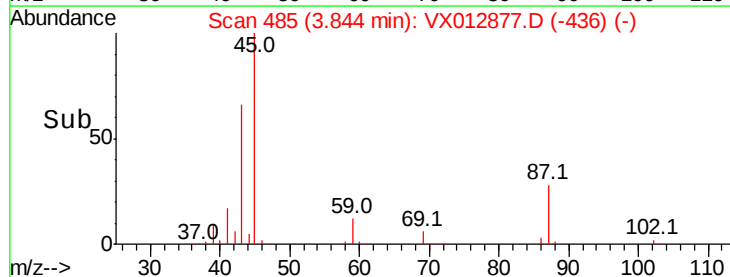
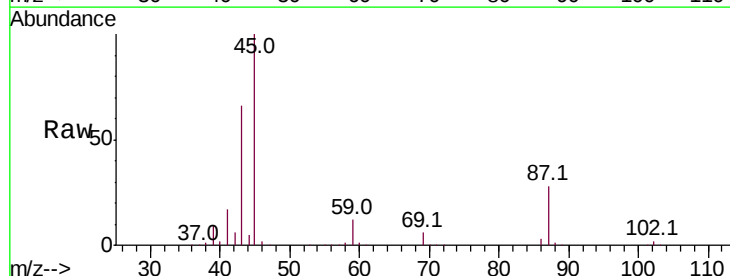
Ion Ratio Lower Upper

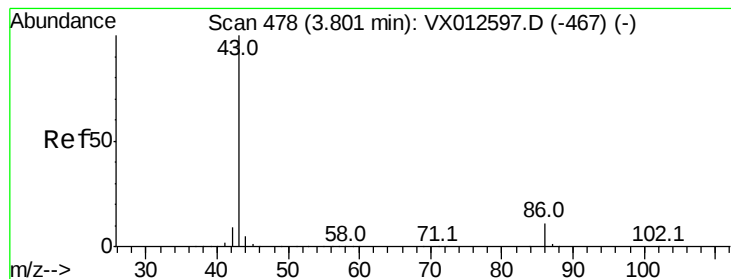
45 100

43 65.9 57.8 86.8

87 28.3 21.3 31.9

59 11.7 8.5 12.7





#23

Vinyl Acetate

Concen: 191.174 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX012877.D

Acq: 08 Oct 2019 07:32

Instrument :

MSVOA_X

ClientSampleId :

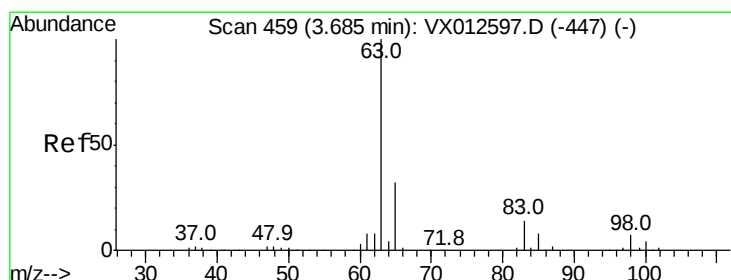
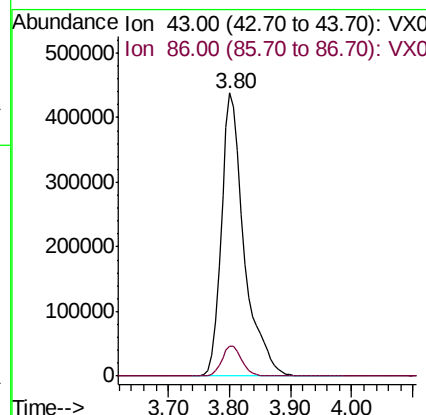
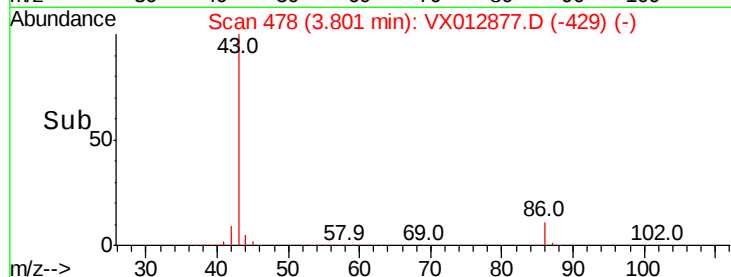
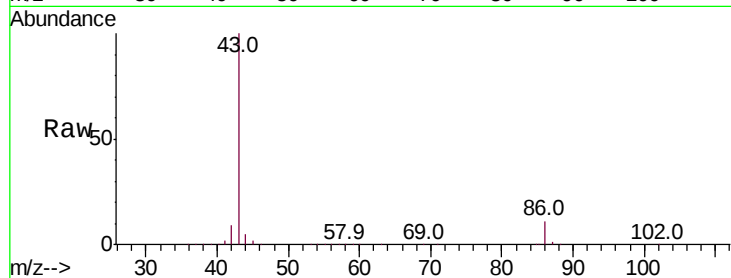
FA19-MMW3414MS

Tot Ion: 43 Resp: 1140810

Ion Ratio Lower Upper

43 100

86 10.7 7.8 11.8



#24

1,1-Dichloroethane

Concen: 47.040 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX012877.D

Acq: 08 Oct 2019 07:32

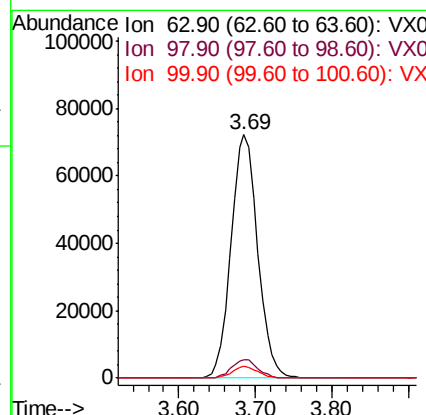
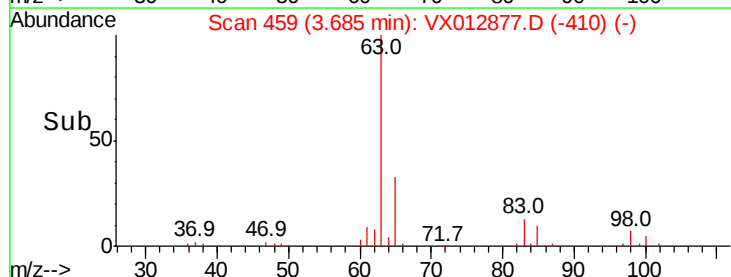
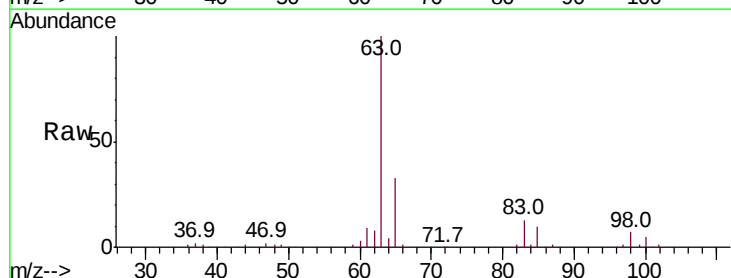
Tgt Ion: 63 Resp: 173994

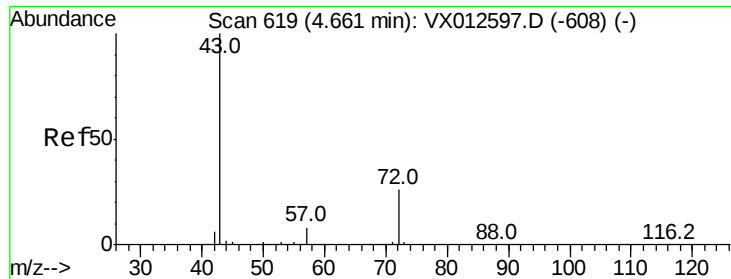
Ion Ratio Lower Upper

63 100

98 7.5 3.9 11.7

100 4.7 2.3 6.9





#25

2-Butanone

Concen: 218.139 ug/l

RT: 4.66 min Scan# 619

Delta R.T. -0.00 min

Lab File: VX012877.D

Acq: 08 Oct 2019 07:32

Instrument :

MSVOA_X

ClientSampleId :

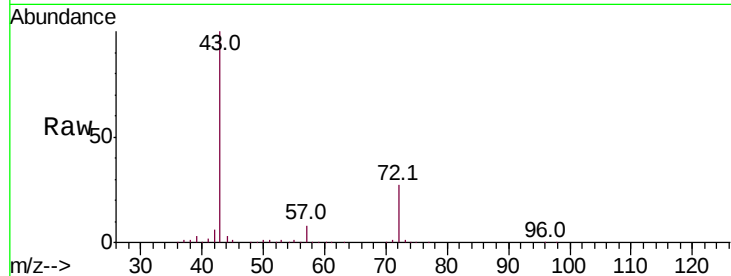
FA19-MMW3414MS

Tot Ion: 43 Resp: 398281

Ion Ratio Lower Upper

43 100

72 26.9 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

100000

50000

0

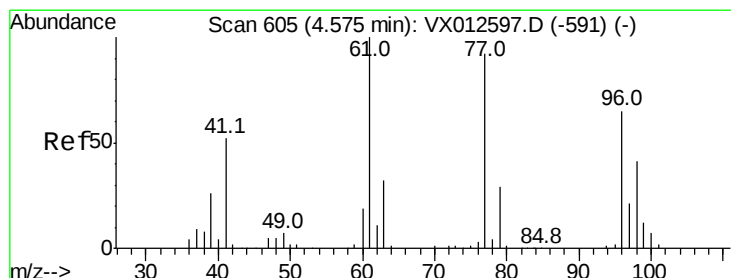
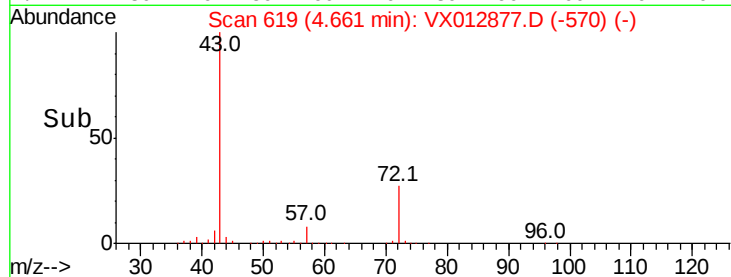
4.66

4.60

4.70

4.80

Time-->



#26

2,2-Dichloropropane

Concen: 26.365 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX012877.D

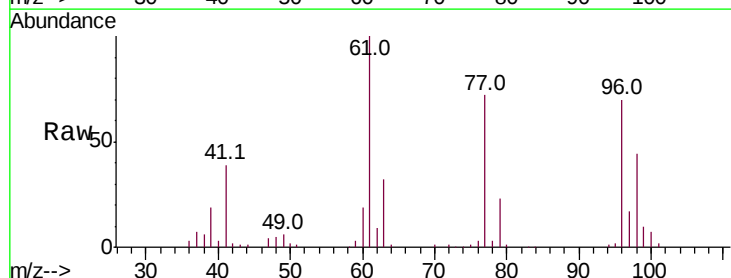
Acq: 08 Oct 2019 07:32

Tgt Ion: 77 Resp: 86733

Ion Ratio Lower Upper

77 100

97 24.6 10.5 31.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

30000

20000

10000

0

4.57

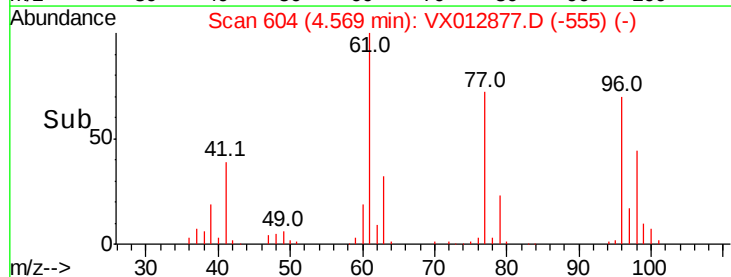
4.40

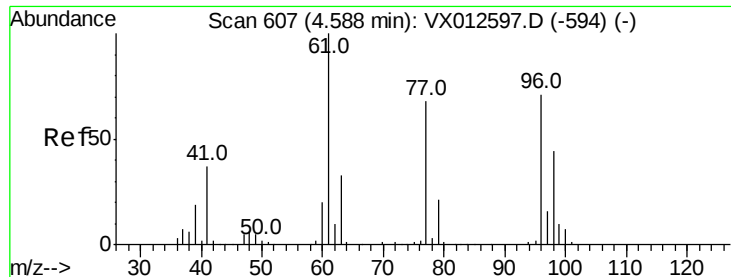
4.50

4.60

4.70

Time-->



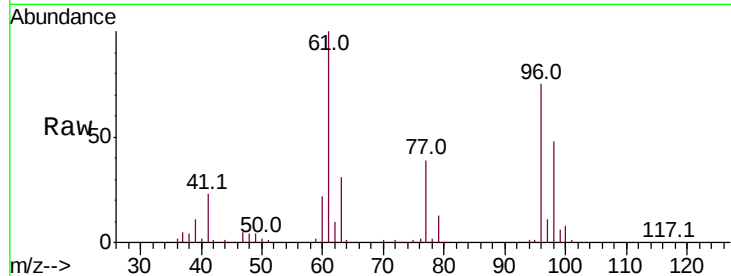


#27

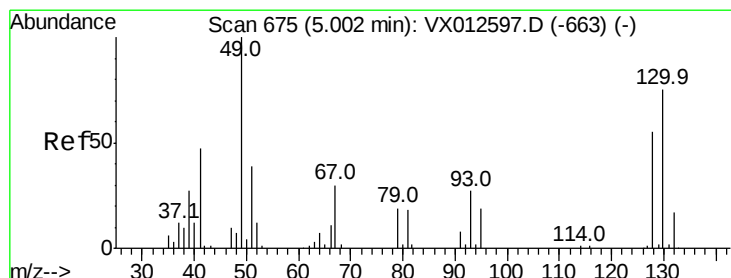
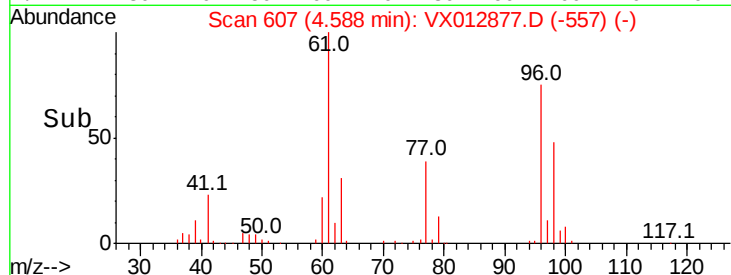
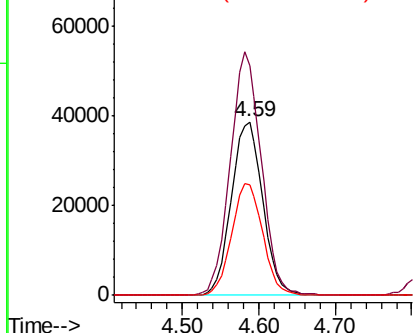
cis-1,2-Dichloroethene
 Concen: 48.082 ug/l
 RT: 4.59 min Scan# 607
 Delta R.T. 0.01 min
 Lab File: VX012877.D
 Acq: 08 Oct 2019 07:32

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-MMW3414MS

Tot Ion: 96 Resp: 109710
 Ion Ratio Lower Upper
 96 100
 61 138.7 0.0 319.4
 98 63.7 0.0 130.6



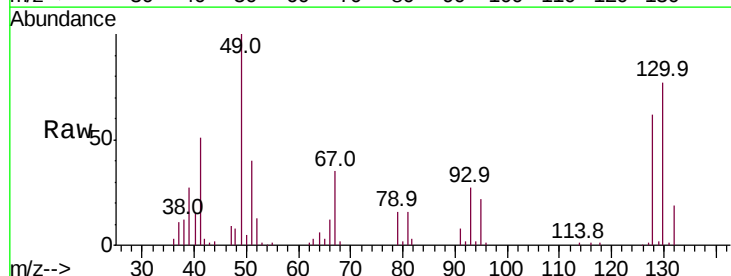
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



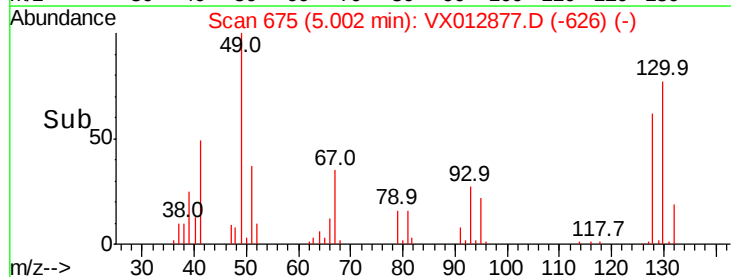
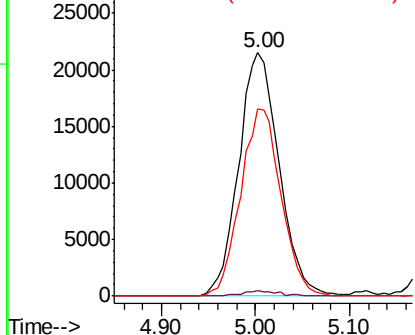
#28

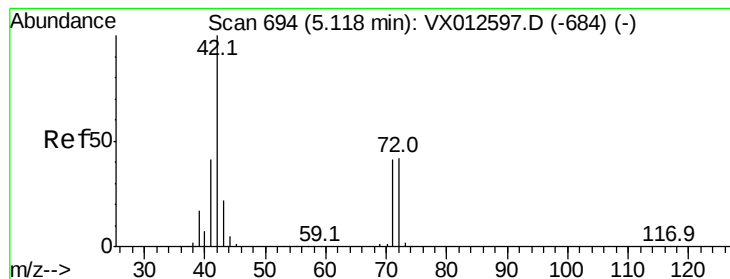
Bromochloromethane
 Concen: 48.084 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. -0.00 min
 Lab File: VX012877.D
 Acq: 08 Oct 2019 07:32

Tgt Ion: 49 Resp: 64579
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.8
 130 76.8 58.2 87.4



Abundance Ion 48.90 (48.60 to 49.60): VX0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 228.448 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.00 min

Lab File: VX012877.D

Acq: 08 Oct 2019 07:32

Instrument :

MSVOA_X

ClientSampleId :

FA19-MMW3414MS

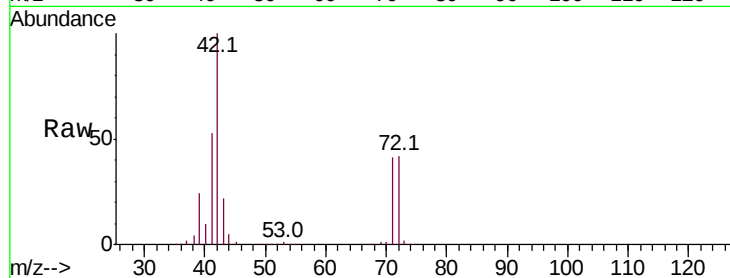
Tot Ion: 42 Resp: 254226

Ion Ratio Lower Upper

42 100

72 45.9 34.0 51.0

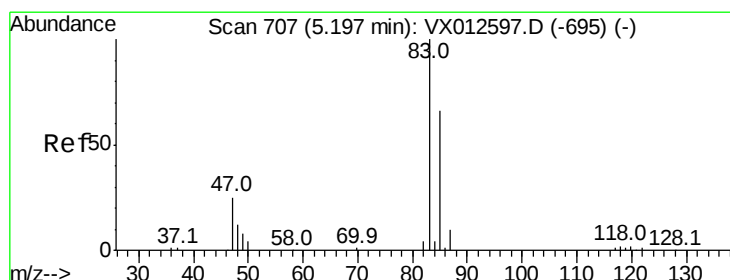
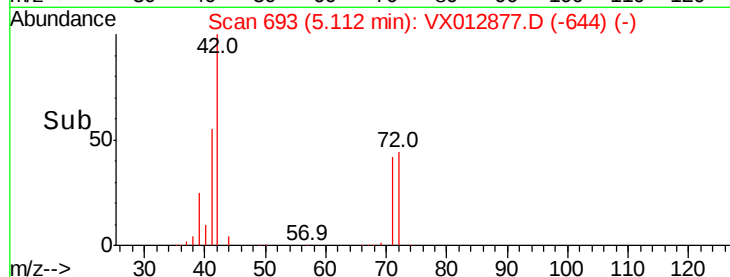
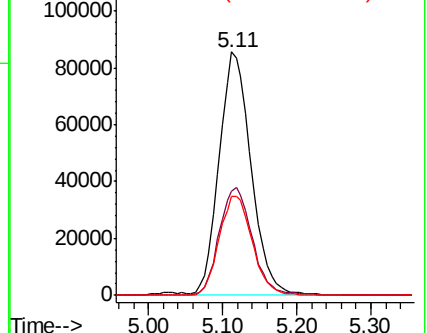
71 42.5 31.5 47.3



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 46.448 ug/l

RT: 5.20 min Scan# 708

Delta R.T. -0.00 min

Lab File: VX012877.D

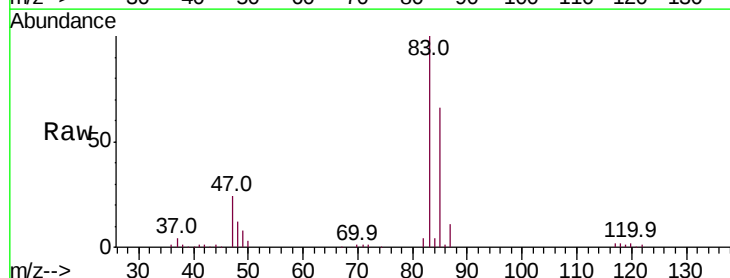
Acq: 08 Oct 2019 07:32

Tgt Ion: 83 Resp: 175772

Ion Ratio Lower Upper

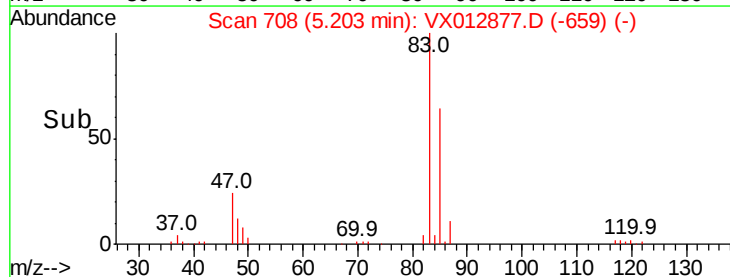
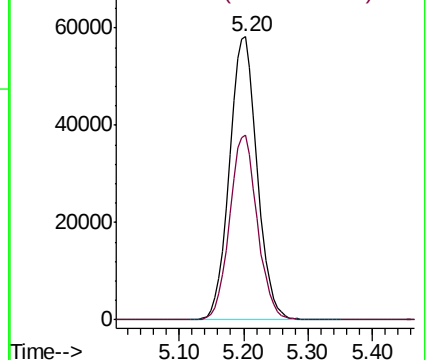
83 100

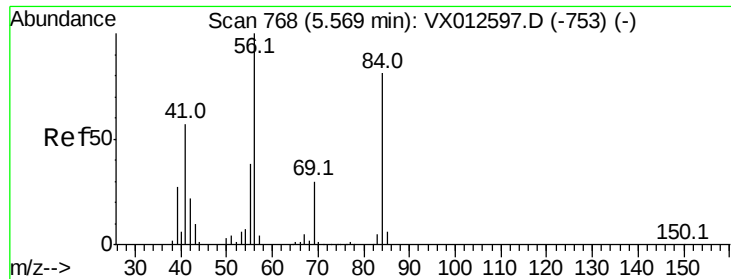
85 65.5 53.0 79.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

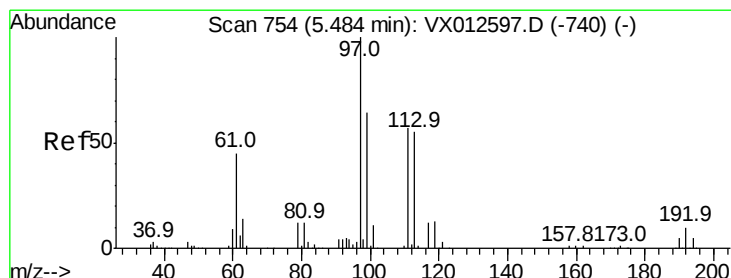
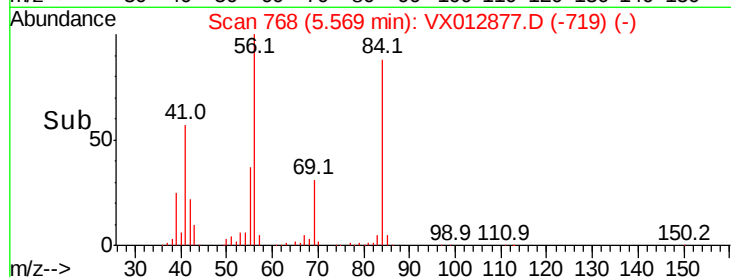
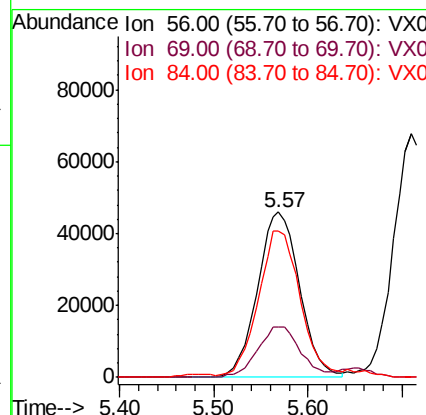
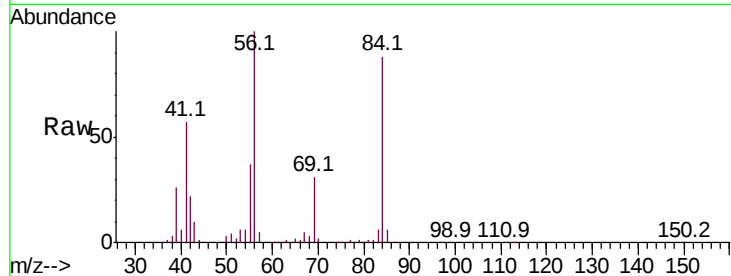




#31
Cyclohexane
Concen: 42.888 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX012877.D
Acq: 08 Oct 2019 07:32

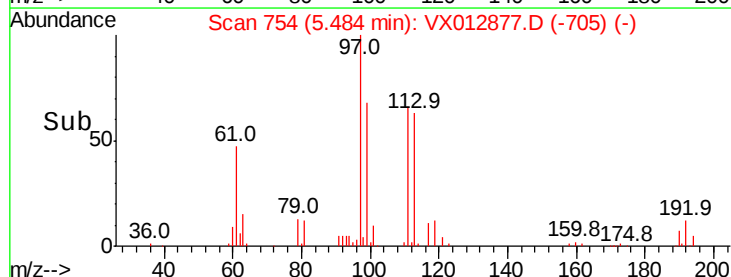
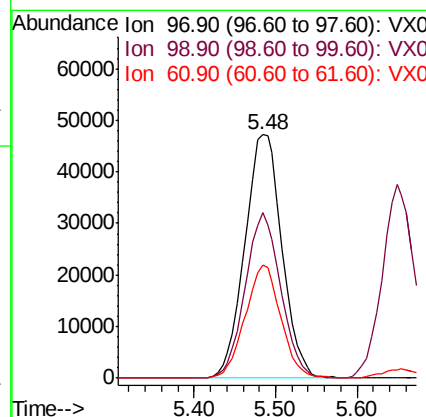
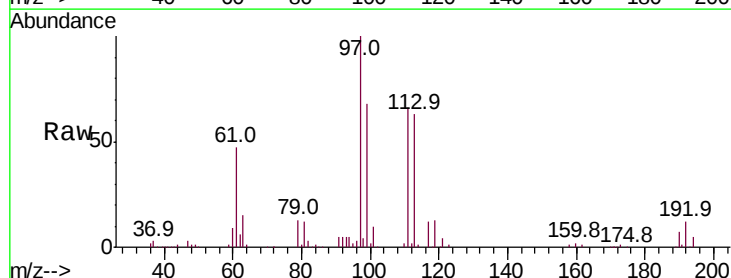
Instrument :
MSVOA_X
ClientSampleId :
FA19-MMW3414MS

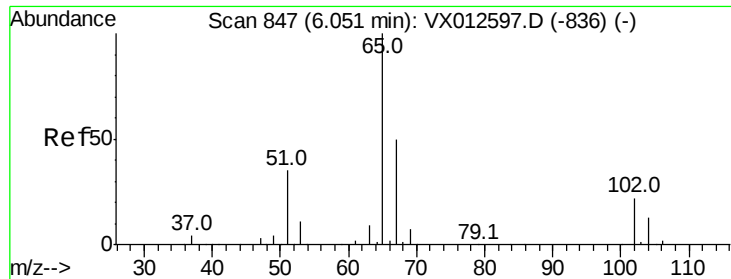
Tot Ion: 56 Resp: 143515
Ion Ratio Lower Upper
56 100
69 30.7 25.0 37.6
84 86.4 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 44.644 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX012877.D
Acq: 08 Oct 2019 07:32

Tgt Ion: 97 Resp: 149731
Ion Ratio Lower Upper
97 100
99 64.8 51.3 76.9
61 44.5 36.1 54.1

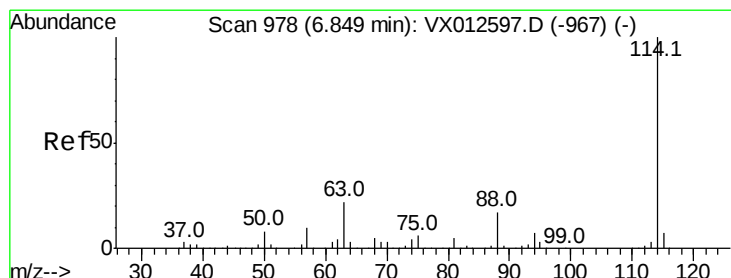
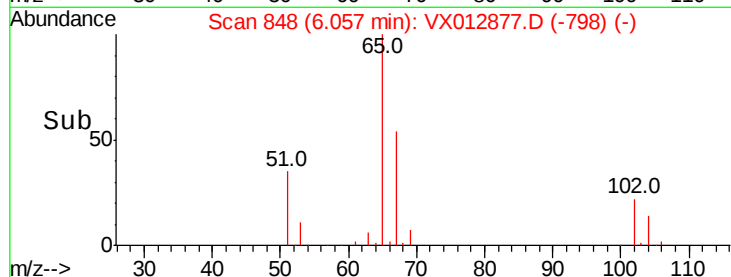
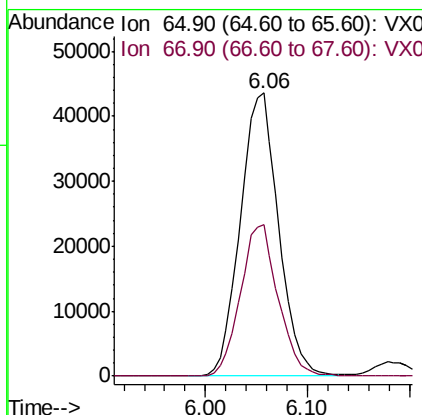
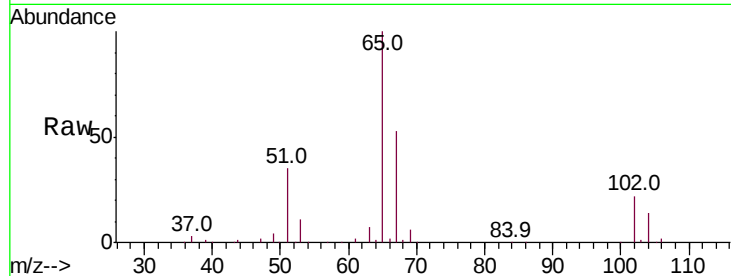




#33
 1,2-Dichloroethane-d4
 Concen: 47.333 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: VX012877.D
 Acq: 08 Oct 2019 07:32

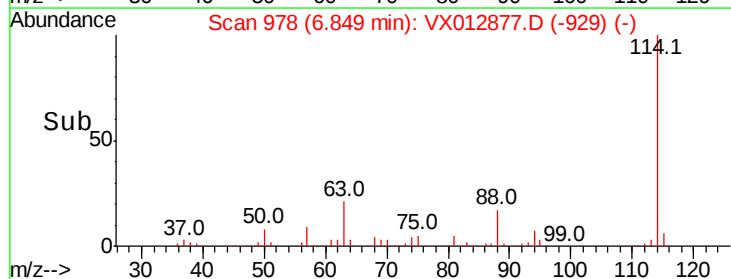
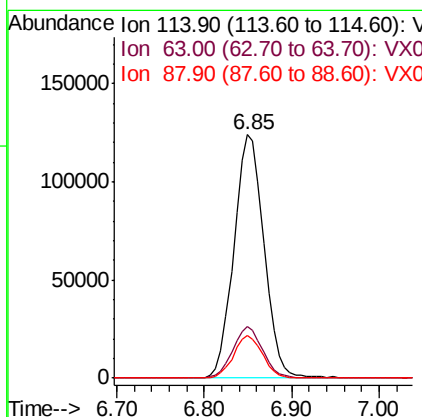
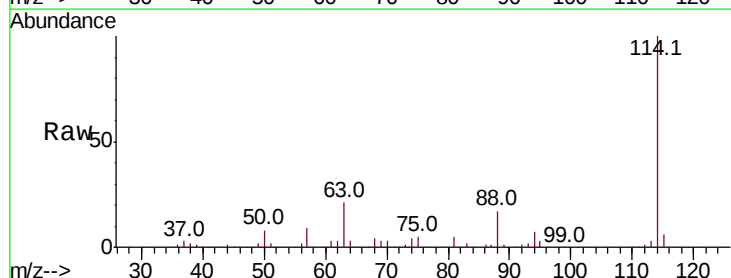
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-MMW3414MS

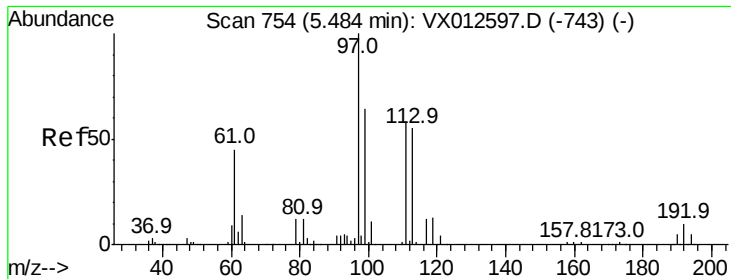
Tot Ion: 65 Resp: 113789
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012877.D
 Acq: 08 Oct 2019 07:32

Tgt Ion: 114 Resp: 296431
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 43.2
 88 17.5 0.0 33.2

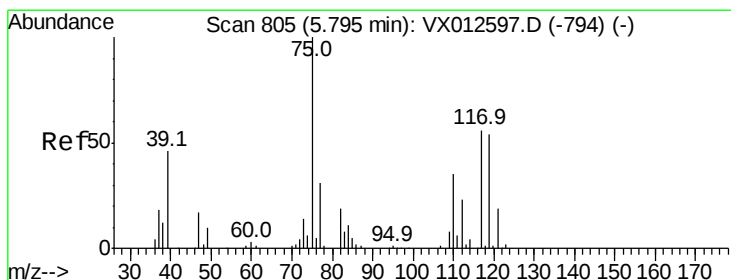
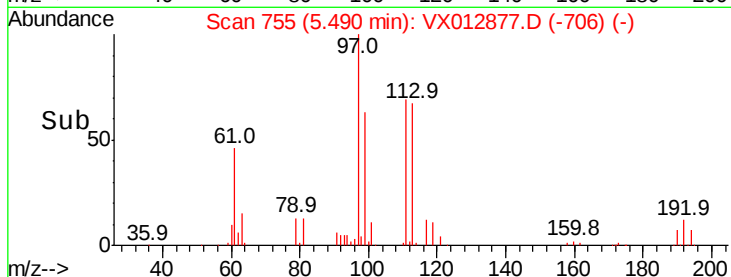
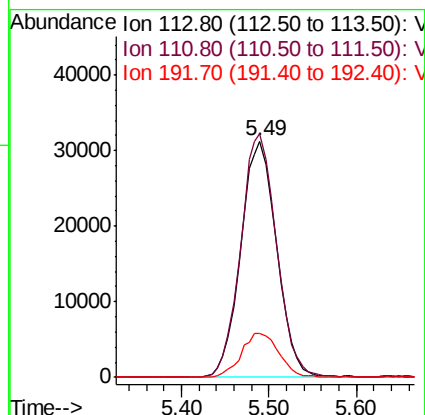
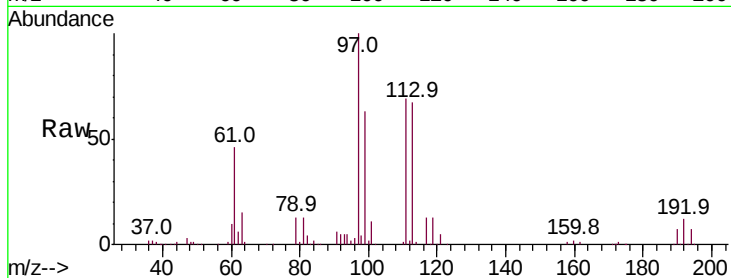




#35
 Dibromofluoromethane
 Concen: 50.582 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. -0.00 min
 Lab File: VX012877.D
 Acq: 08 Oct 2019 07:32

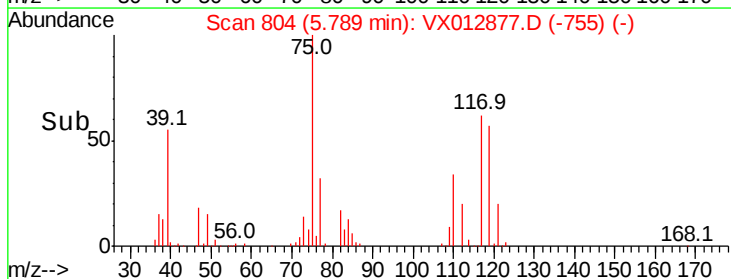
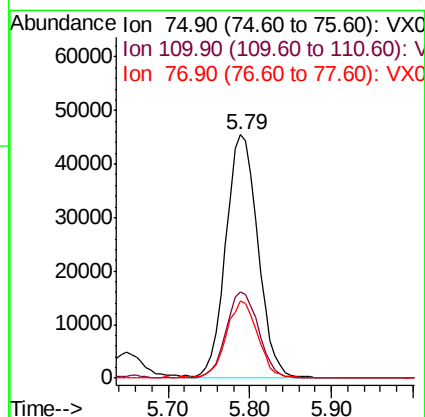
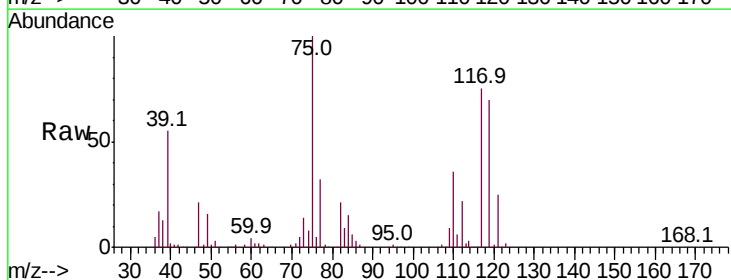
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-MMW3414MS

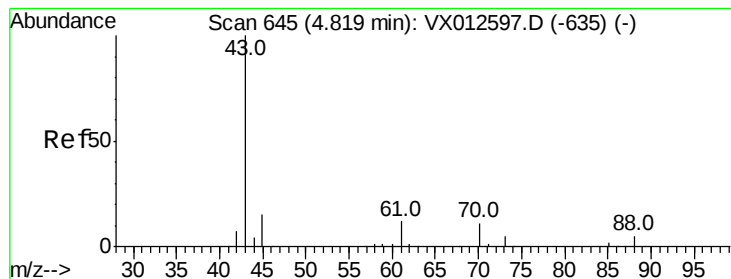
Tot Ion:113 Resp: 89297
 Ion Ratio Lower Upper
 113 100
 111 103.0 83.4 125.2
 192 19.5 14.4 21.6



#36
 1,1-Dichloropropene
 Concen: 43.400 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX012877.D
 Acq: 08 Oct 2019 07:32

Tgt Ion: 75 Resp: 124006
 Ion Ratio Lower Upper
 75 100
 110 35.7 16.7 50.0
 77 31.2 24.2 36.2





#37

Ethyl Acetate

Concen: 38.788 ug/l

RT: 4.82 min Scan# 645

Delta R.T. -0.00 min

Lab File: VX012877.D

Acq: 08 Oct 2019 07:32

Instrument :

MSVOA_X

ClientSampleId :

FA19-MMW3414MS

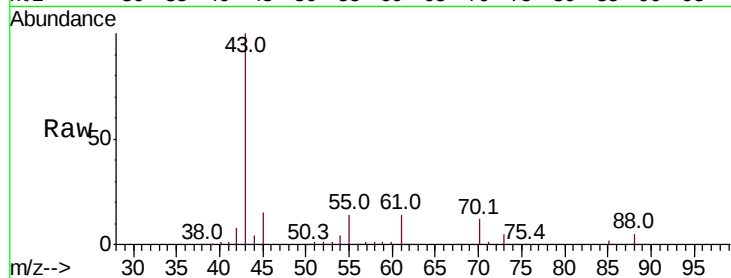
Tot Ion: 43 Resp: 129570

Ion Ratio Lower Upper

43 100

61 14.2 10.2 15.4

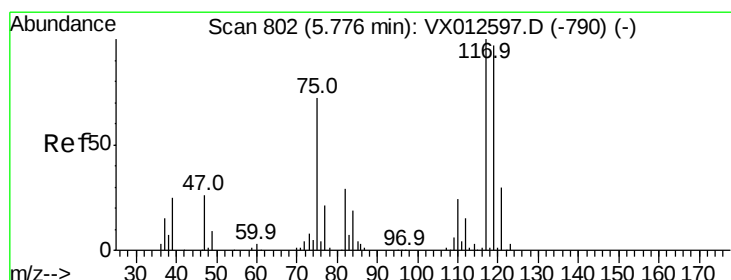
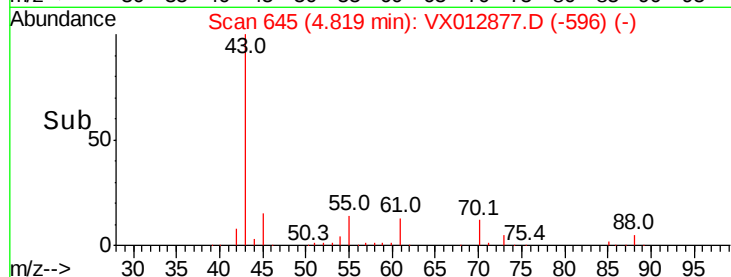
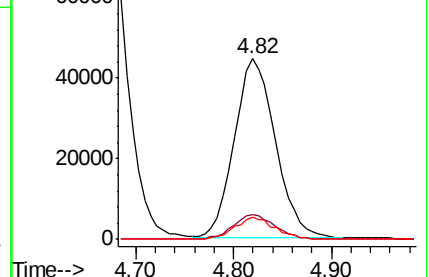
70 11.9 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX012597.D (-635) (-)

Ion 60.90 (60.60 to 61.60): VX012597.D (-635) (-)

Ion 70.00 (69.70 to 70.70): VX012597.D (-635) (-)



#38

Carbon Tetrachloride

Concen: 43.448 ug/l

RT: 5.77 min Scan# 801

Delta R.T. -0.01 min

Lab File: VX012877.D

Acq: 08 Oct 2019 07:32

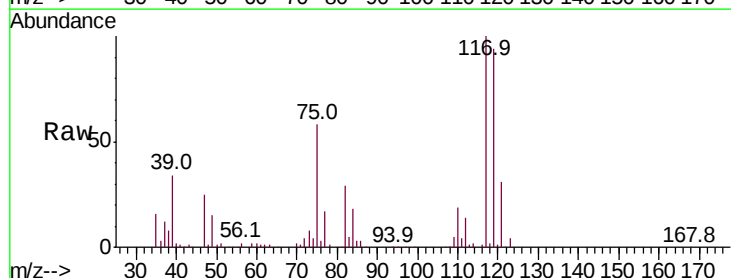
Tgt Ion: 117 Resp: 126108

Ion Ratio Lower Upper

117 100

119 94.3 75.7 113.5

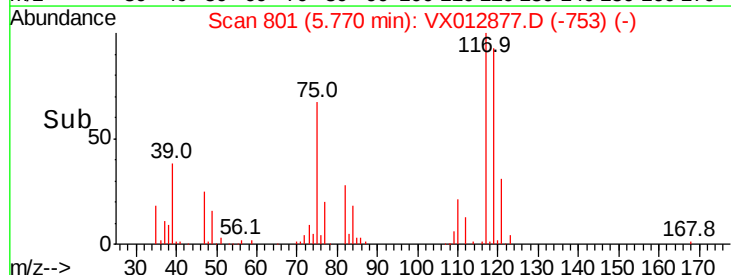
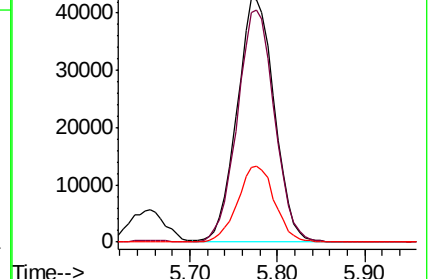
121 30.9 24.2 36.4

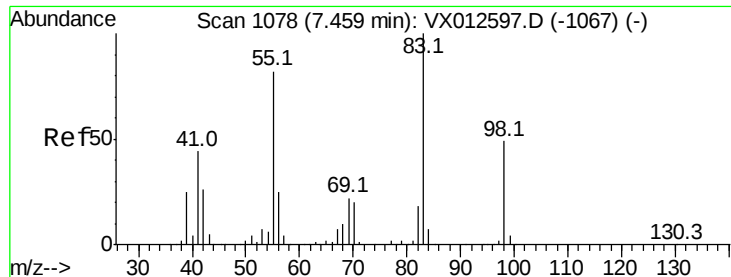


Abundance Ion 116.80 (116.50 to 117.50): VX012597.D (-790) (-)

Ion 118.80 (118.50 to 119.50): VX012597.D (-790) (-)

Ion 120.80 (120.50 to 121.50): VX012597.D (-790) (-)

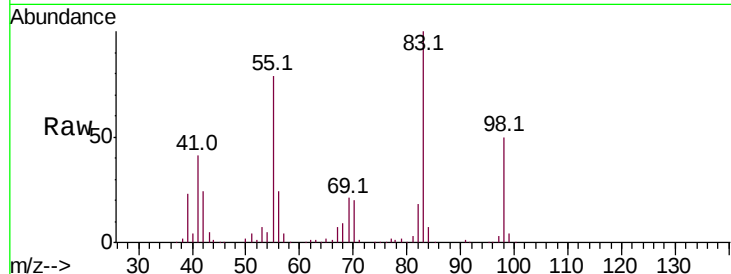




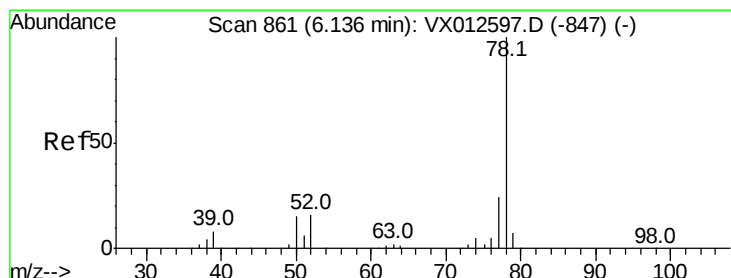
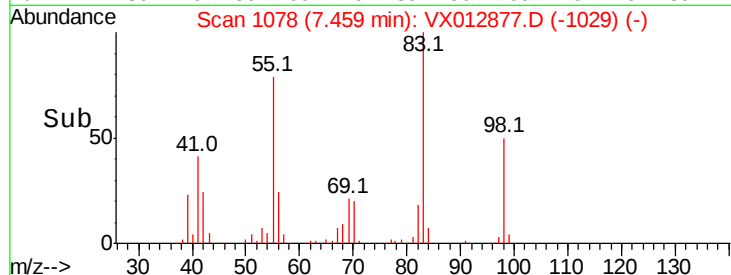
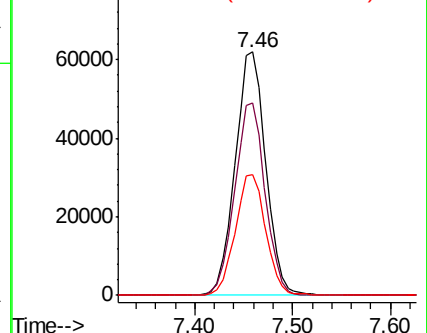
#39
Methvlcvclohexane
Concen: 39.020 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX012877.D
Acq: 08 Oct 2019 07:32

Instrument :
MSVOA_X
ClientSampleId :
FA19-MMW3414MS

Tot Ion: 83 Resp: 134221
Ion Ratio Lower Upper
83 100
55 79.0 64.4 96.6
98 49.5 40.1 60.1

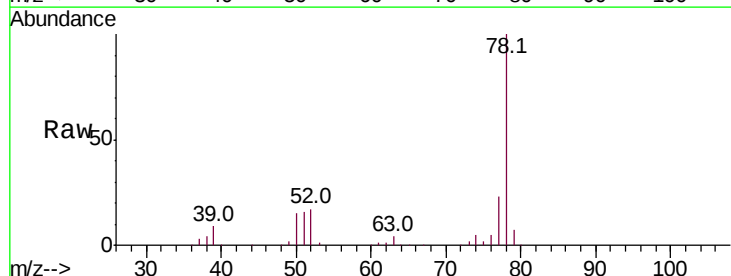


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

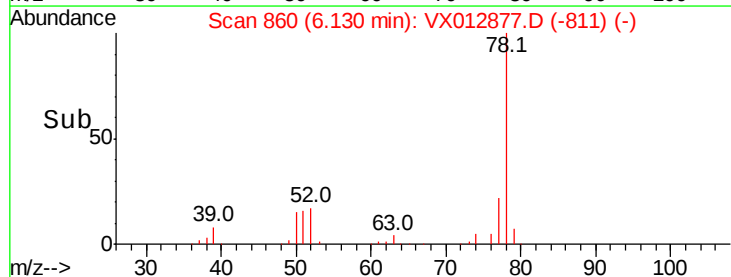
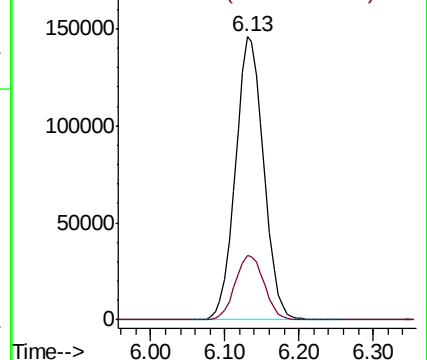


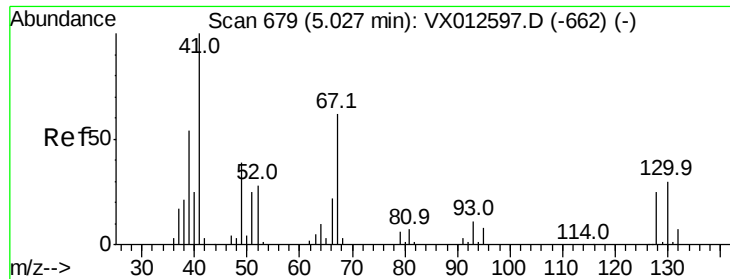
#40
Benzene
Concen: 46.038 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX012877.D
Acq: 08 Oct 2019 07:32

Tgt Ion: 78 Resp: 387036
Ion Ratio Lower Upper
78 100
77 22.7 19.2 28.8



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

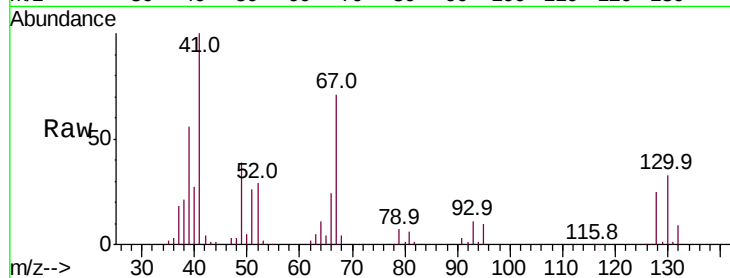




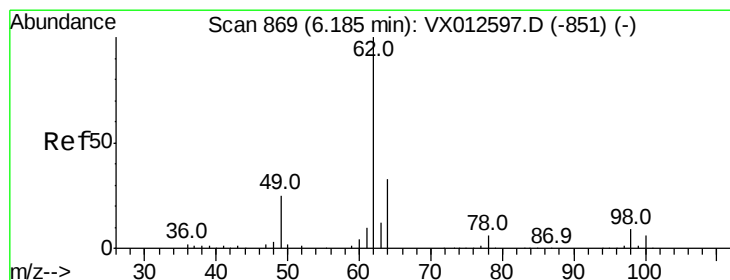
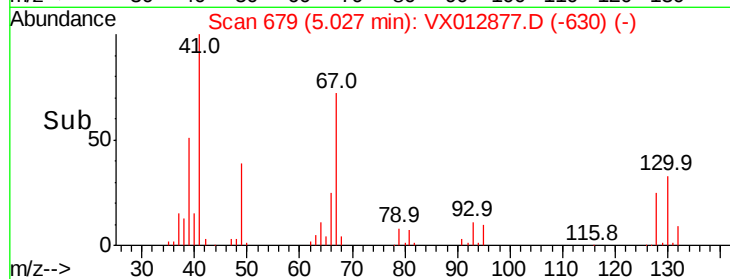
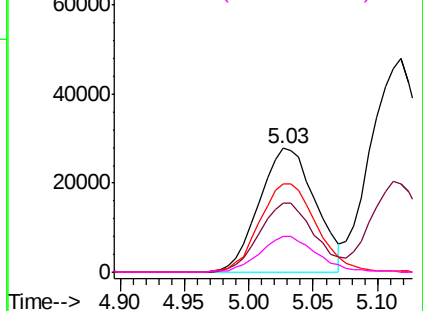
#41
Methacrylonitrile
Concen: 45.060 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.00 min
Lab File: VX012877.D
Acq: 08 Oct 2019 07:32

Instrument :
MSVOA_X
ClientSampleId :
FA19-MMW3414MS

Tot Ion: 41 Resp: 84452
Ion Ratio Lower Upper
41 100
39 56.0 46.0 69.0
67 72.9 52.2 78.2
52 29.6 22.7 34.1

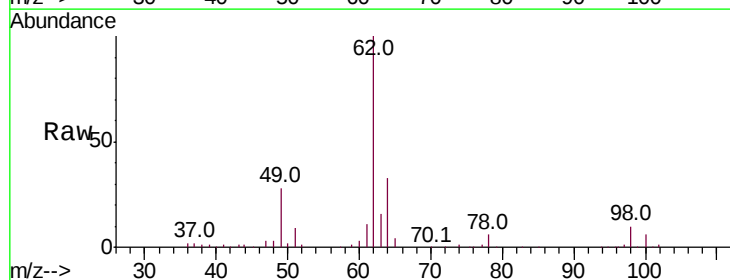


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

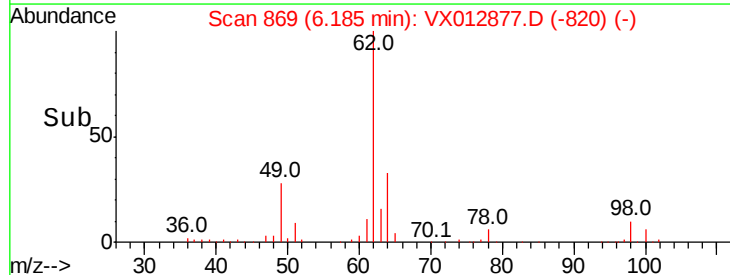
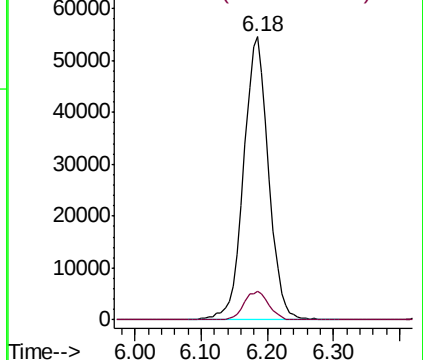


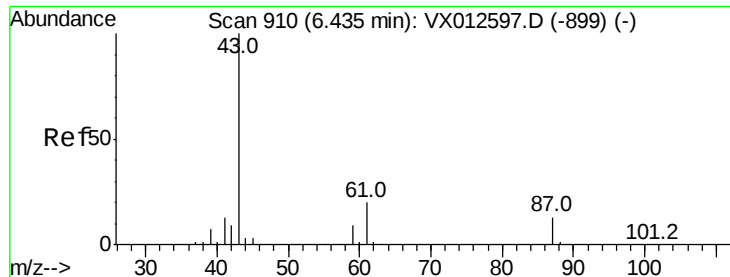
#42
1,2-Dichloroethane
Concen: 44.794 ug/l
RT: 6.18 min Scan# 869
Delta R.T. -0.00 min
Lab File: VX012877.D
Acq: 08 Oct 2019 07:32

Tgt Ion: 62 Resp: 143003
Ion Ratio Lower Upper
62 100
98 10.0 0.0 17.8



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





#43

Isopropyl Acetate

Concen: 40.003 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX012877.D

Acq: 08 Oct 2019 07:32

Instrument :

MSVOA_X

ClientSampleId :

FA19-MMW3414MS

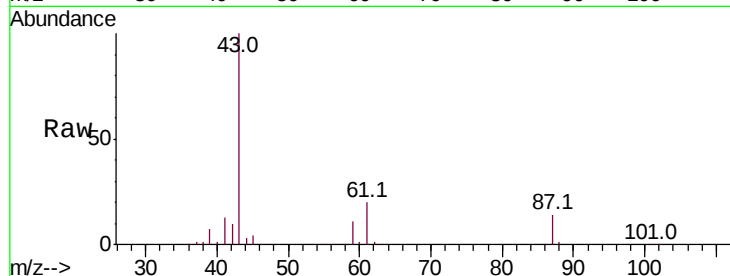
Tot Ion: 43 Resp: 223465

Ion	Ratio	Lower	Upper
43	100		
61	21.1	15.4	23.0
87	13.9	9.8	14.8

43 100

61 21.1 15.4 23.0

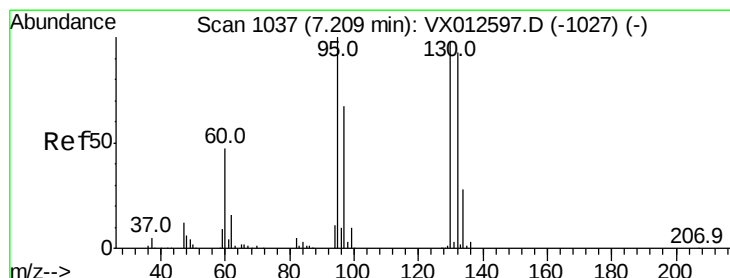
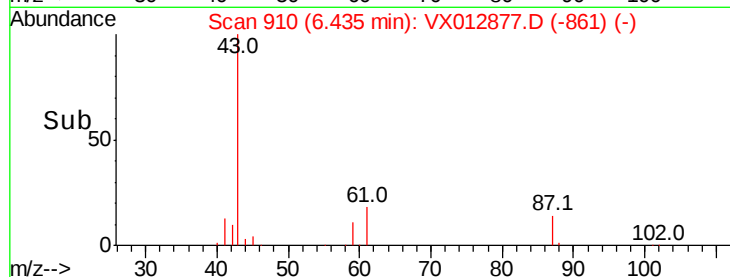
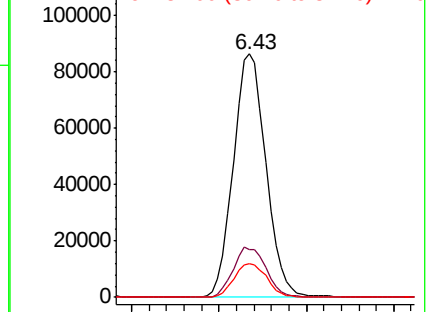
87 13.9 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 46.776 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX012877.D

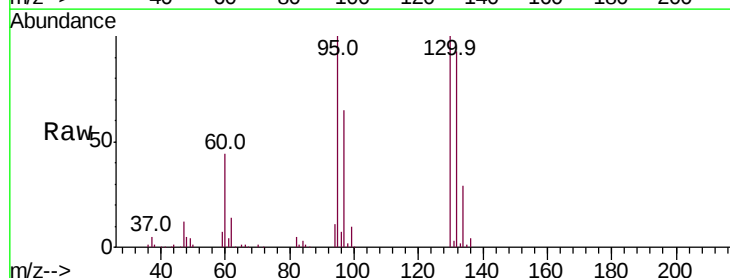
Acq: 08 Oct 2019 07:32

Tgt Ion:130 Resp: 100531

Ion	Ratio	Lower	Upper
130	100		
95	100.4	0.0	193.0

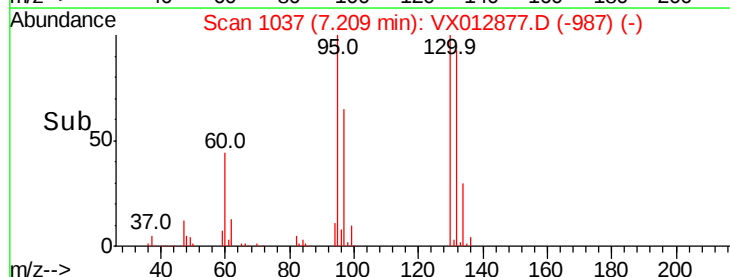
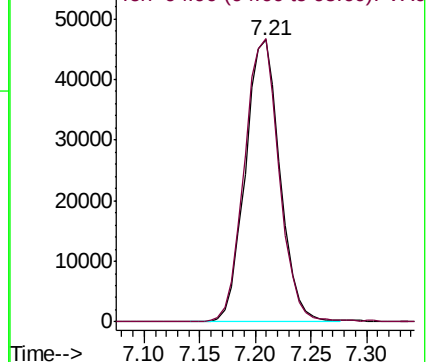
130 100

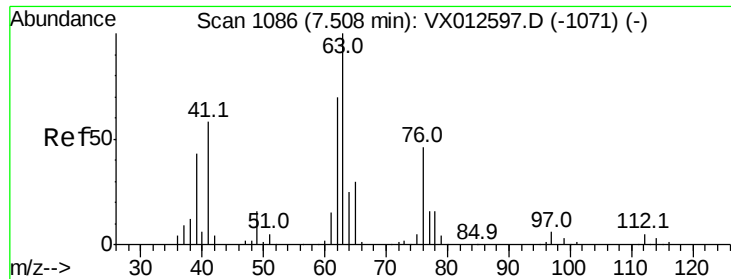
95 100.4 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 47.429 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX012877.D

Acq: 08 Oct 2019 07:32

Instrument :

MSVOA_X

ClientSampleId :

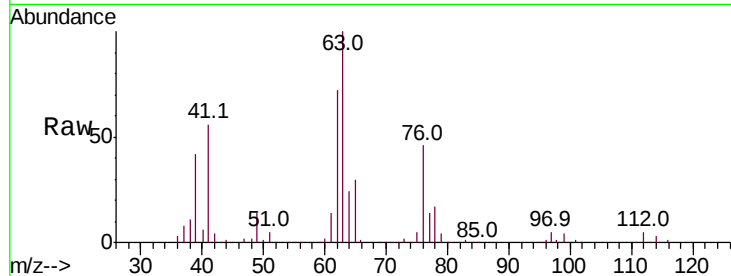
FA19-MMW3414MS

Tot Ion: 63 Resp: 102085

Ion Ratio Lower Upper

63 100

65 30.3 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

60000

50000

40000

30000

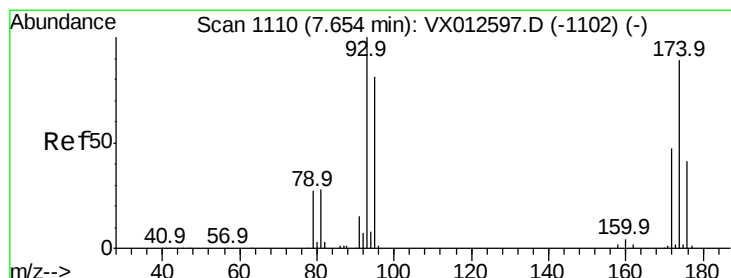
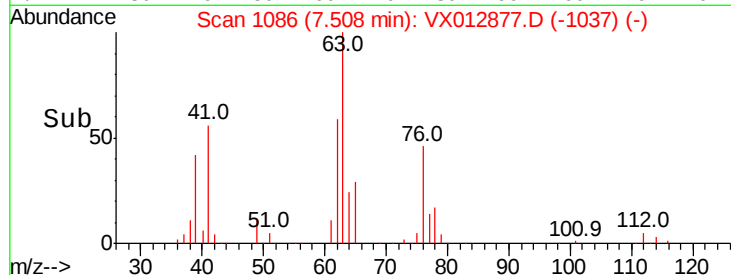
20000

10000

0

Time-->

7.40 7.50 7.60



#46

Dibromomethane

Concen: 46.069 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX012877.D

Acq: 08 Oct 2019 07:32

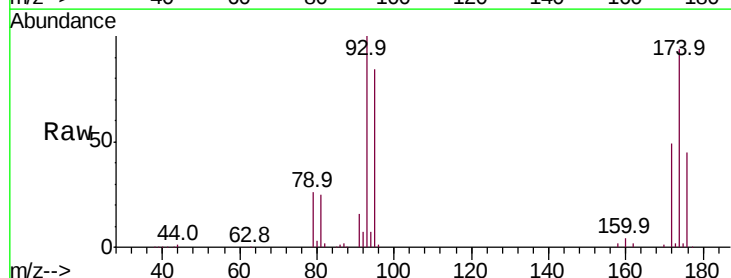
Tgt Ion: 93 Resp: 67512

Ion Ratio Lower Upper

93 100

95 83.9 66.6 100.0

174 97.8 77.4 116.0



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

7.65

40000

30000

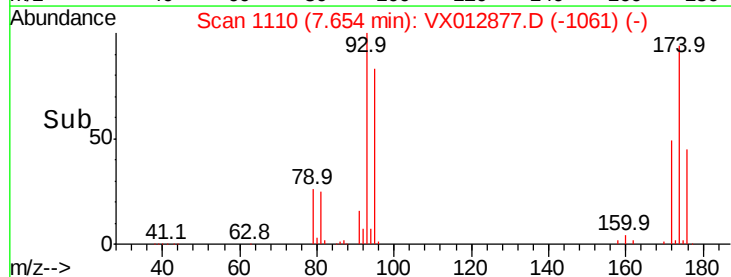
20000

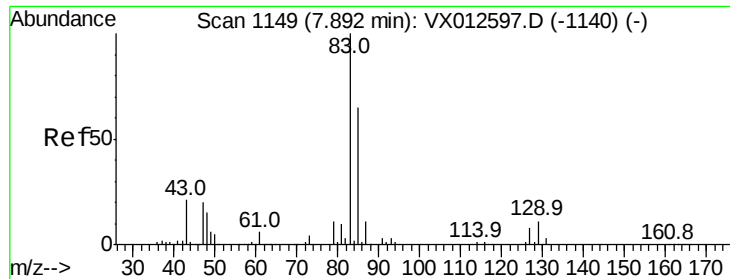
10000

0

Time-->

7.55 7.60 7.65 7.70 7.75





#47

Bromodichloromethane

Concen: 46.287 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX012877.D

Acq: 08 Oct 2019 07:32

Instrument :

MSVOA_X

ClientSampleId :

FA19-MMW3414MS

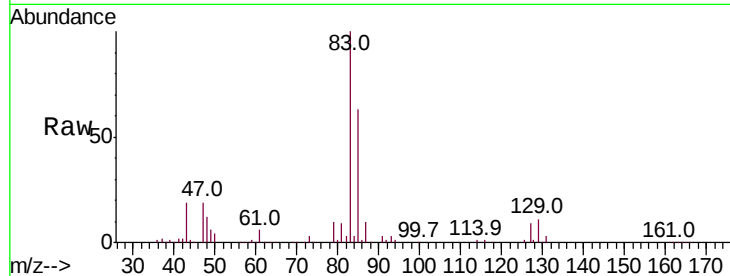
Tot Ion: 83 Resp: 135570

Ion Ratio Lower Upper

83 100

85 62.9 51.8 77.6

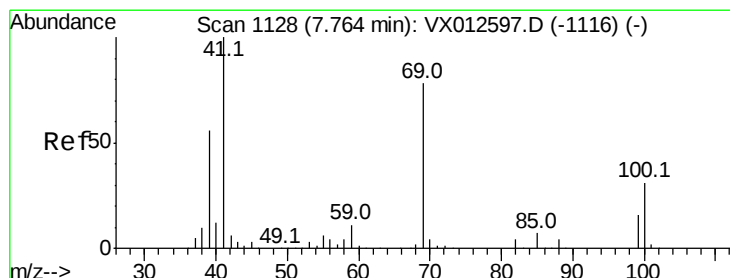
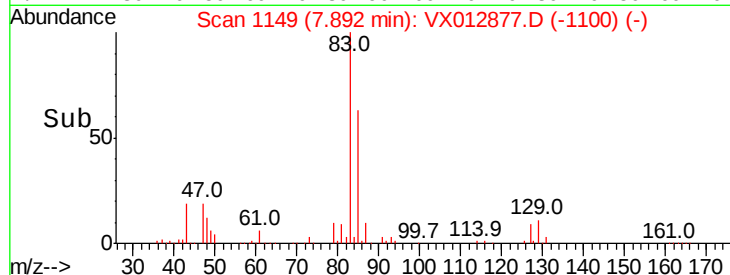
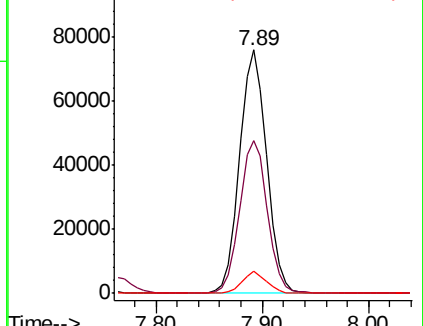
127 8.9 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 44.642 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX012877.D

Acq: 08 Oct 2019 07:32

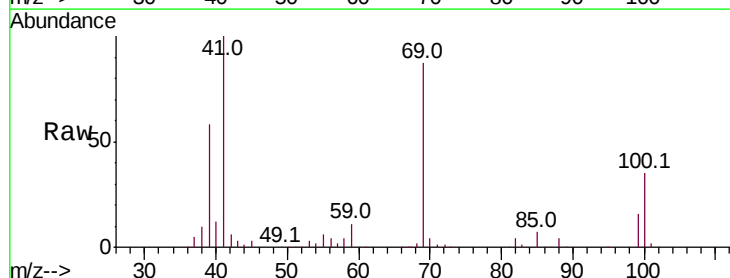
Tgt Ion: 41 Resp: 119579

Ion Ratio Lower Upper

41 100

69 84.0 59.9 89.9

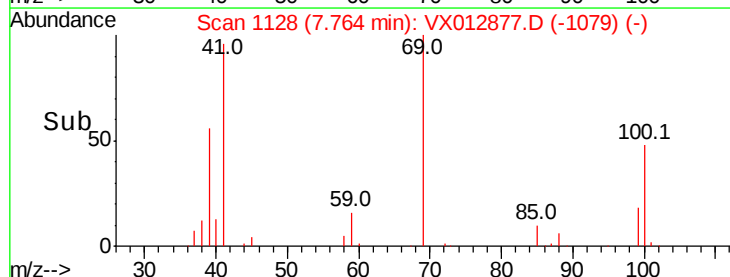
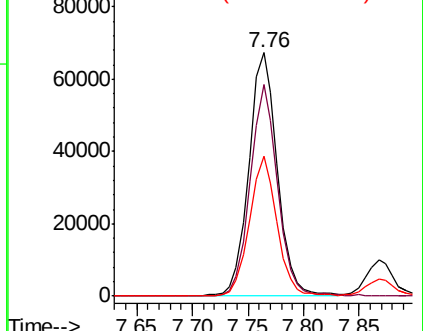
39 55.7 47.8 71.6

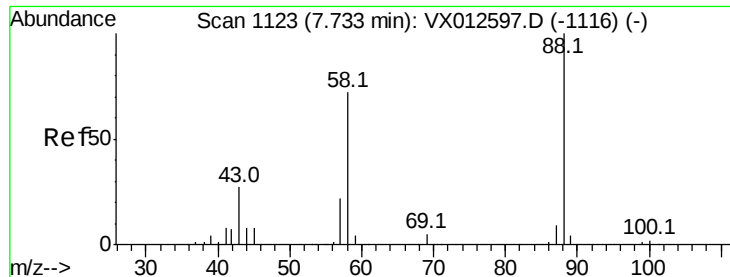


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 897.025 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VX012877.D

Acq: 08 Oct 2019 07:32

Instrument :

MSVOA_X

ClientSampleId :

FA19-MMW3414MS

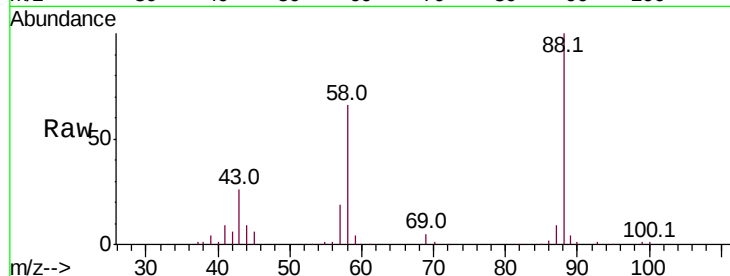
Tot Ion: 88 Resp: 54499

Ion Ratio Lower Upper

88 100

43 30.2 29.4 44.0

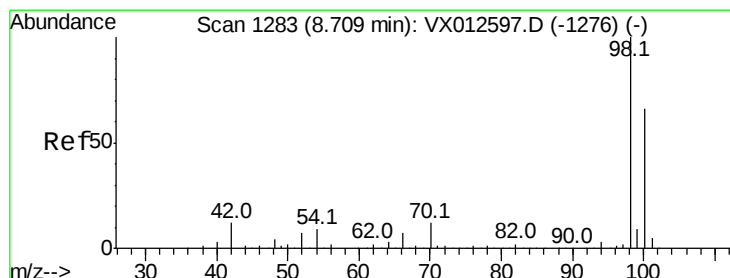
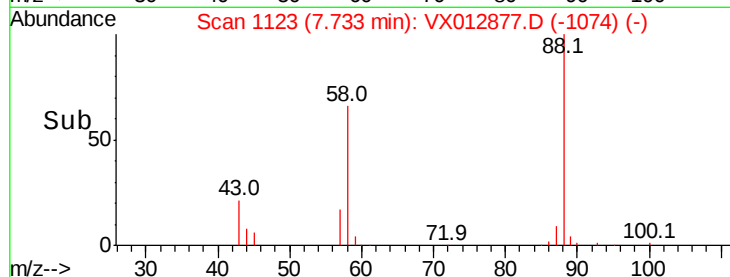
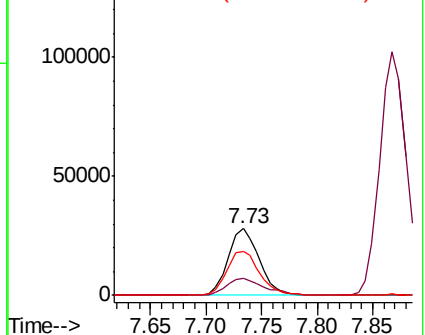
58 70.4 57.5 86.3



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 48.579 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX012877.D

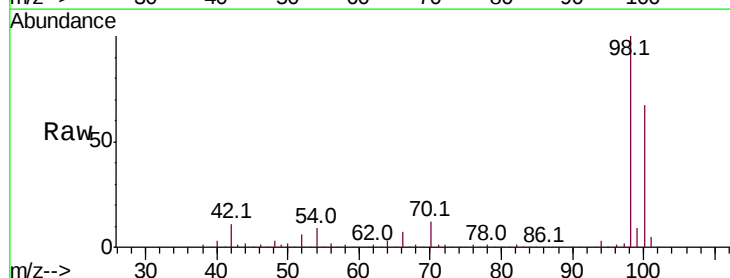
Acq: 08 Oct 2019 07:32

Tgt Ion: 98 Resp: 330269

Ion Ratio Lower Upper

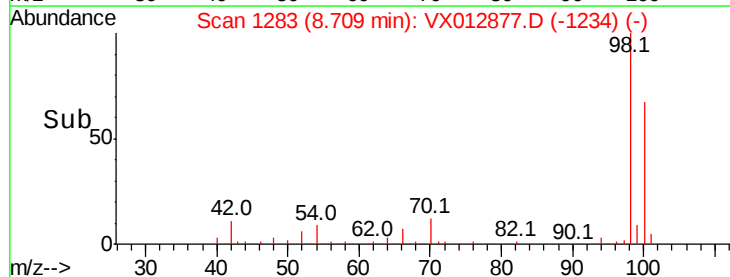
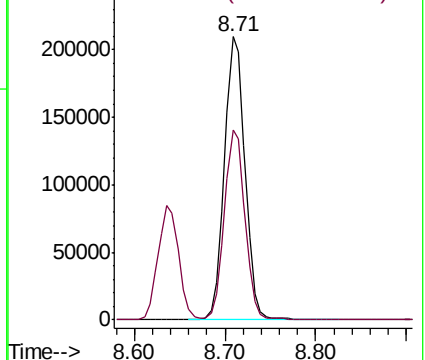
98 100

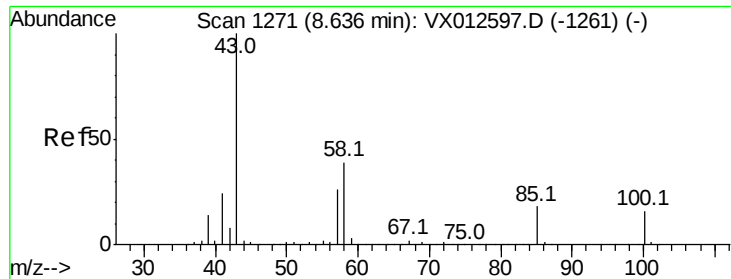
100 67.6 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 227.092 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX012877.D

Acq: 08 Oct 2019 07:32

Instrument :

MSVOA_X

ClientSampleId :

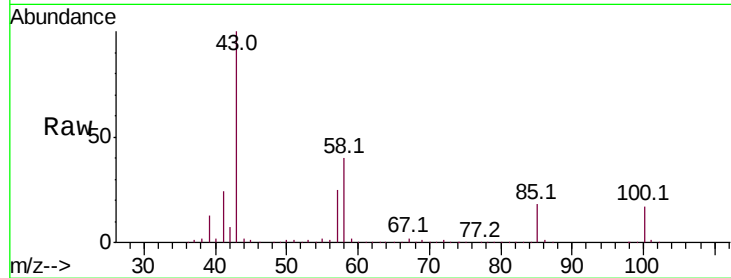
FA19-MMW3414MS

Tot Ion: 43 Resp: 783085

Ion Ratio Lower Upper

43 100

58 39.8 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

600000

500000

400000

300000

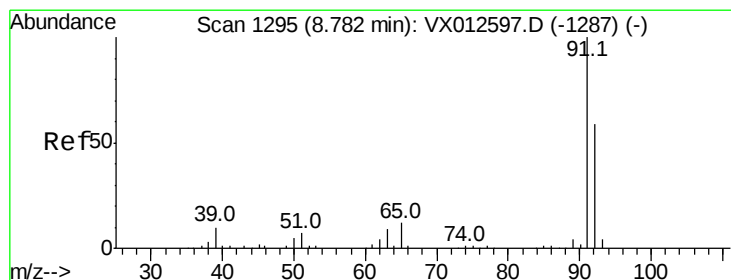
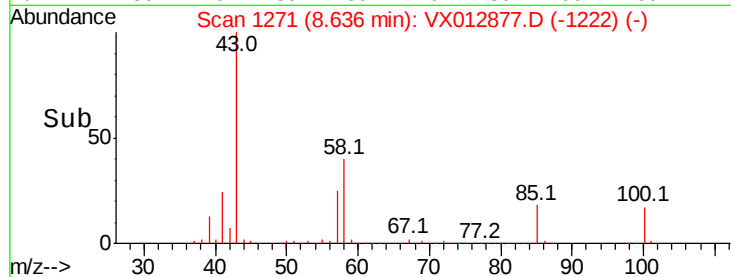
200000

100000

0

8.55 8.60 8.65 8.70

Time-->



#52

Toluene

Concen: 46.053 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX012877.D

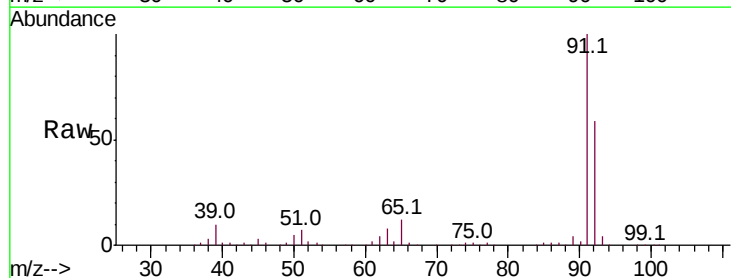
Acq: 08 Oct 2019 07:32

Tgt Ion: 92 Resp: 243338

Ion Ratio Lower Upper

92 100

91 167.7 135.4 203.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

300000

250000

200000

150000

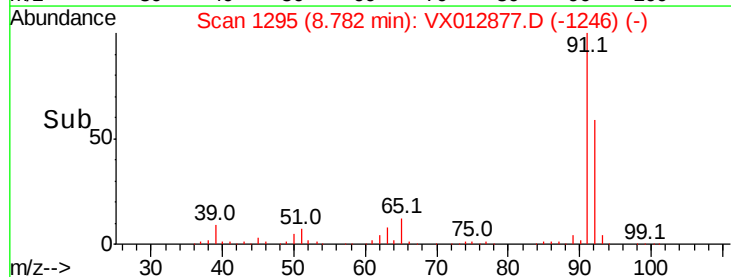
100000

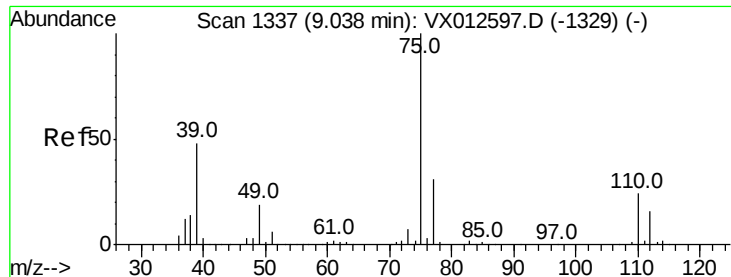
50000

0

8.70 8.80 8.90

Time-->

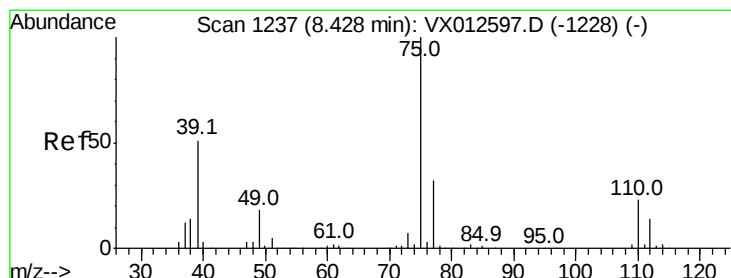
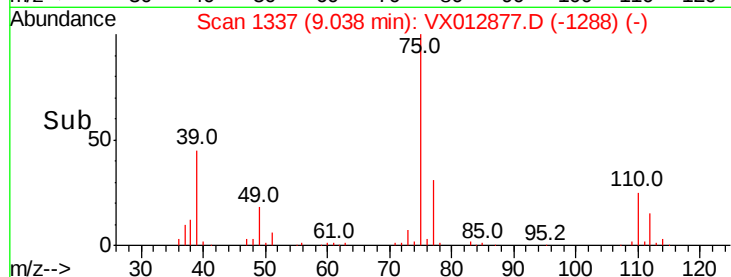
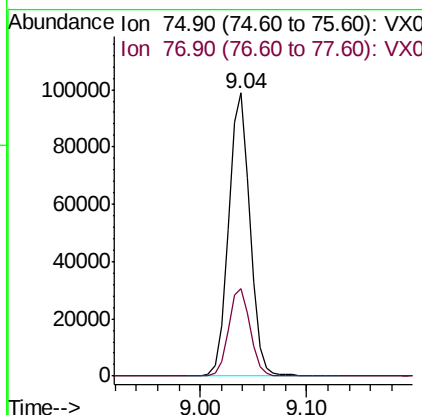
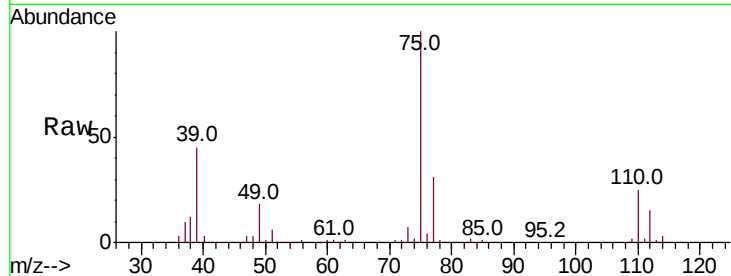




#53
 t-1,3-Dichloropropene
 Concen: 42.832 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. -0.00 min
 Lab File: VX012877.D
 Acq: 08 Oct 2019 07:32

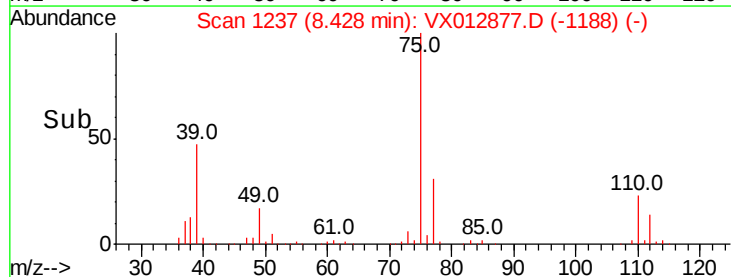
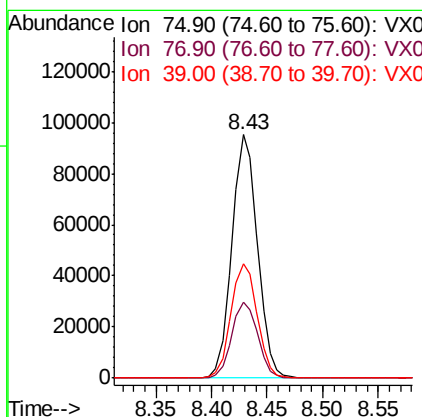
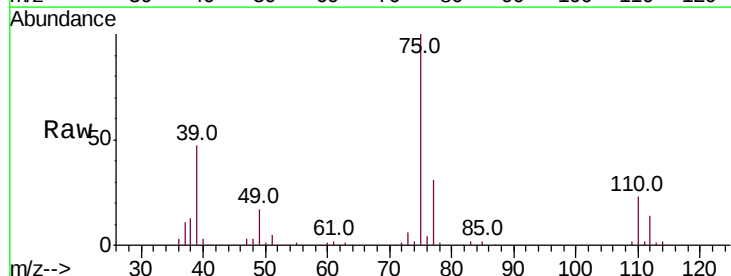
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-MMW3414MS

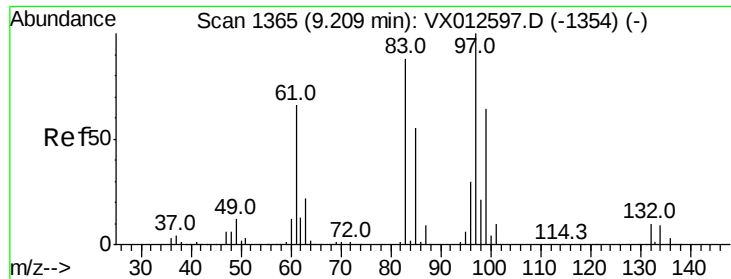
Tot Ion: 75 Resp: 138800
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 42.723 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX012877.D
 Acq: 08 Oct 2019 07:32

Tgt Ion: 75 Resp: 151162
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.8 38.8
 39 46.7 45.5 68.3

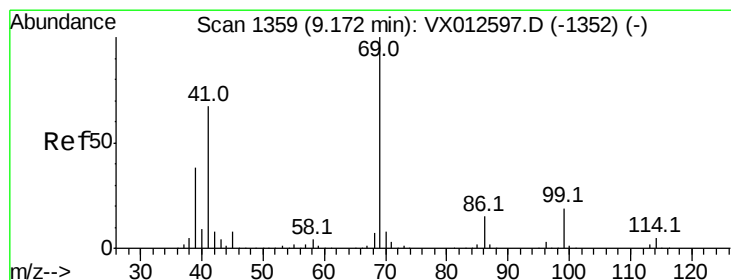
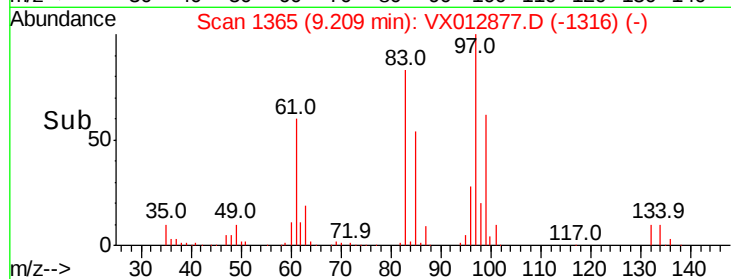
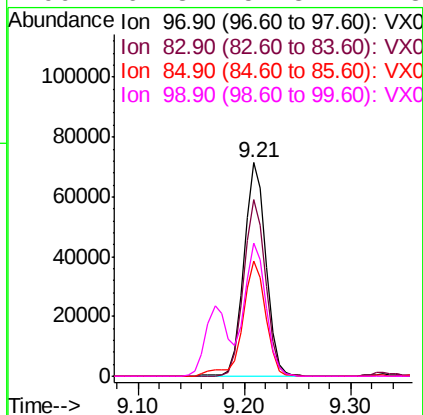
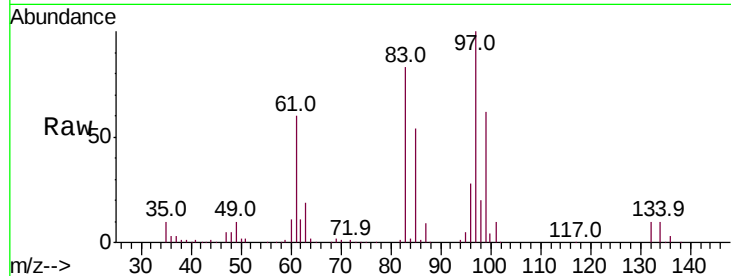




#55
1,1,2-Trichloroethane
Concen: 49.367 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. -0.00 min
Lab File: VX012877.D
Acq: 08 Oct 2019 07:32

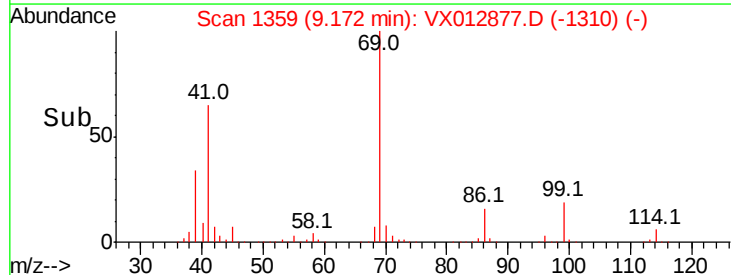
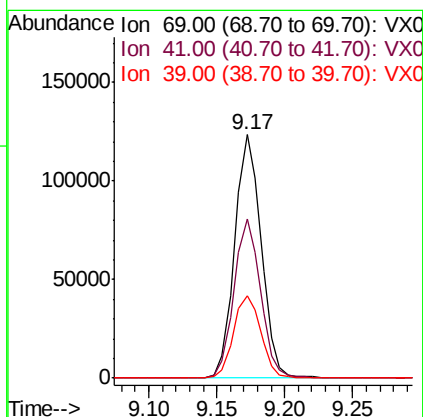
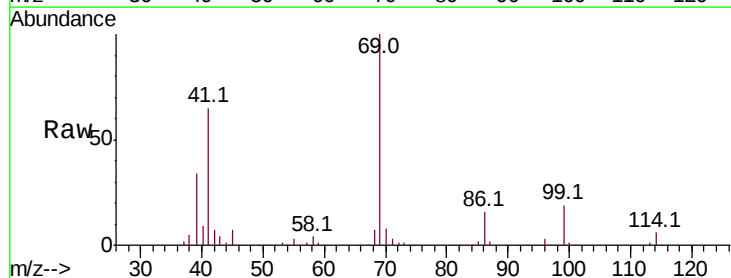
Instrument :
MSVOA_X
ClientSampleId :
FA19-MMW3414MS

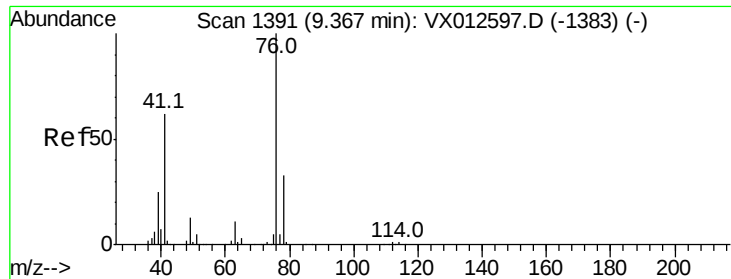
Tot Ion:	97	Resp:	103704
Ion	Ratio	Lower	Upper
97	100		
83	82.8	67.4	101.2
85	53.7	43.5	65.3
99	62.3	51.8	77.8



#56
Ethyl methacrylate
Concen: 47.610 ug/l
RT: 9.17 min Scan# 1359
Delta R.T. -0.00 min
Lab File: VX012877.D
Acq: 08 Oct 2019 07:32

Tgt Ion:	69	Resp:	168023
Ion	Ratio	Lower	Upper
69	100		
41	65.6	58.4	87.6
39	35.2	33.4	50.0





#57

1,3-Dichloropropane

Concen: 47.086 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX012877.D

Acq: 08 Oct 2019 07:32

Instrument :

MSVOA_X

ClientSampleId :

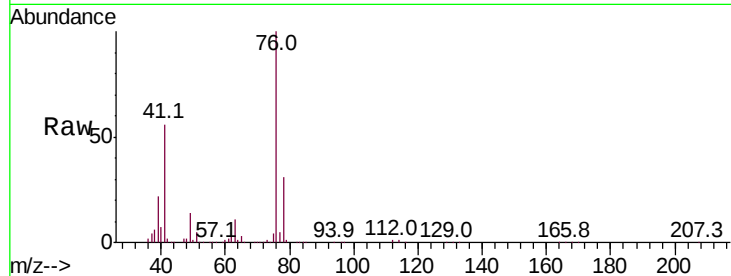
FA19-MMW3414MS

Tot Ion: 76 Resp: 173113

Ion Ratio Lower Upper

76 100

78 32.5 26.2 39.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

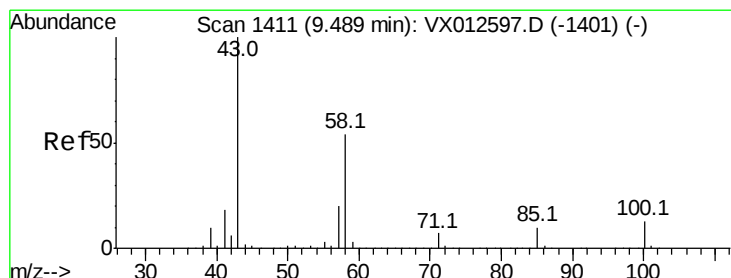
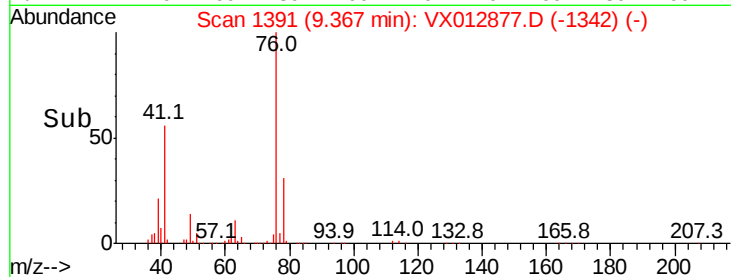
100000

50000

0

9.30 9.35 9.40 9.45

Time-->



#59

2-Hexanone

Concen: 228.707 ug/l

RT: 9.49 min Scan# 1411

Delta R.T. -0.00 min

Lab File: VX012877.D

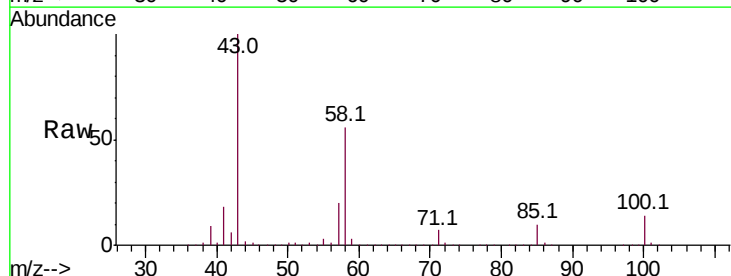
Acq: 08 Oct 2019 07:32

Tgt Ion: 43 Resp: 603666

Ion Ratio Lower Upper

43 100

58 56.1 25.7 77.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

9.49

500000

400000

300000

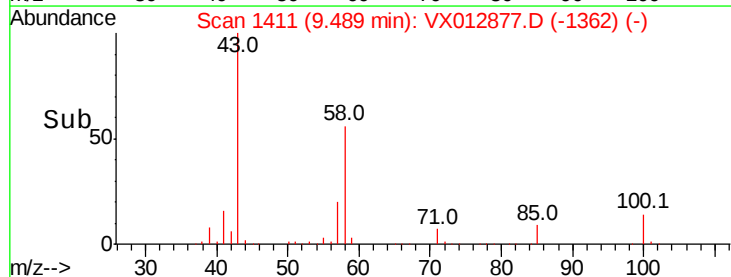
200000

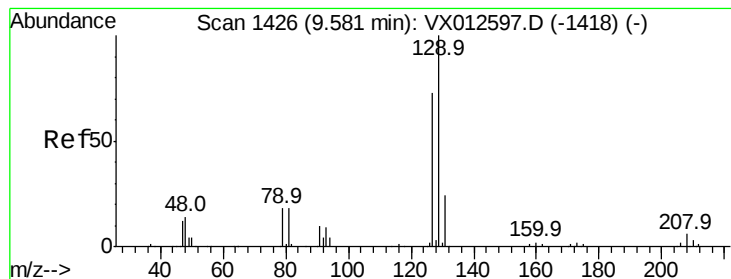
100000

0

9.40 9.50 9.60

Time-->





#60

Dibromochloromethane

Concen: 48.937 ug/l

RT: 9.58 min Scan# 1426

Delta R.T. -0.00 min

Lab File: VX012877.D

Acq: 08 Oct 2019 07:32

Instrument :

MSVOA_X

ClientSampleId :

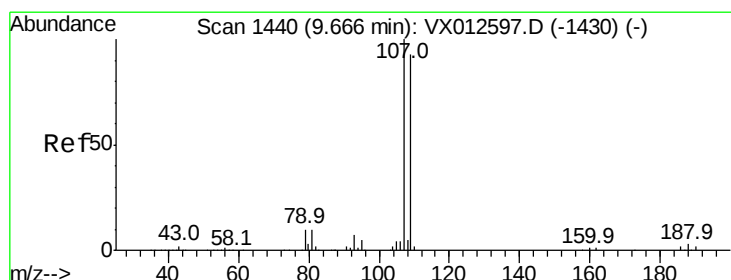
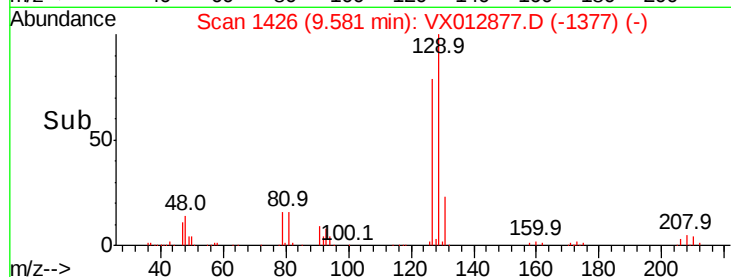
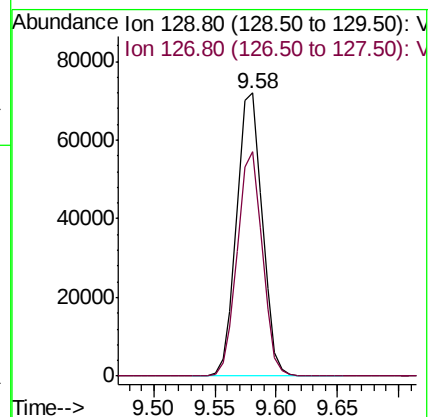
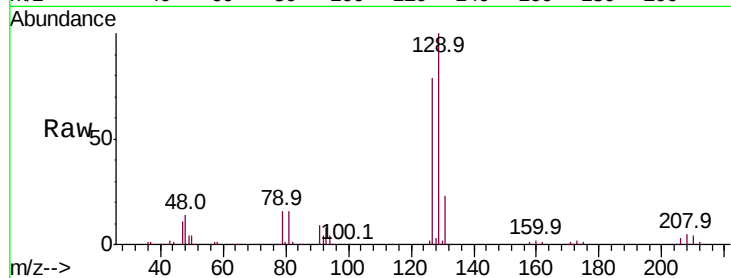
FA19-MMW3414MS

Tot Ion:129 Resp: 104064

Ion Ratio Lower Upper

129 100

127 77.4 38.9 116.6



#61

1,2-Dibromoethane

Concen: 48.613 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX012877.D

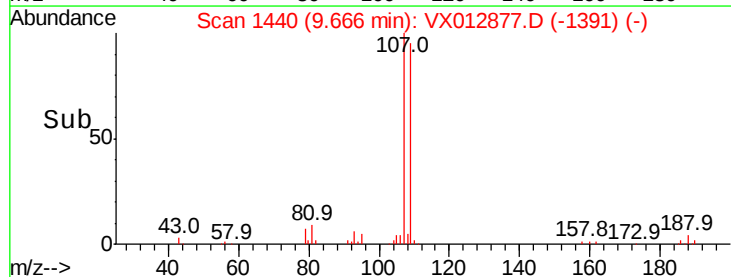
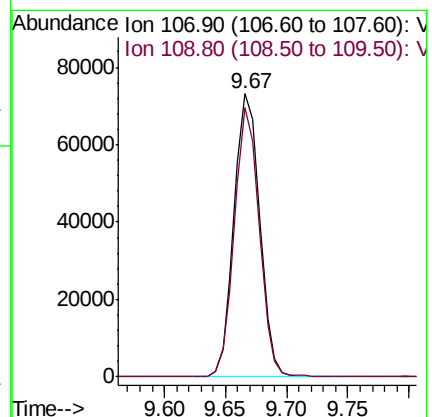
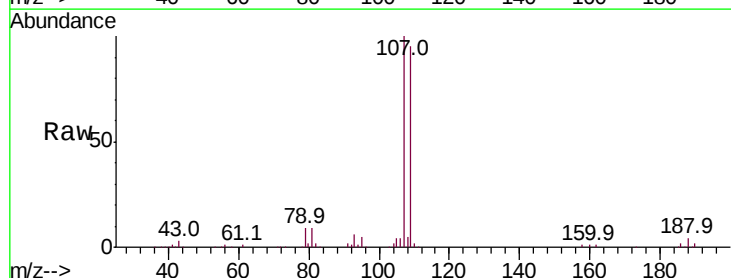
Acq: 08 Oct 2019 07:32

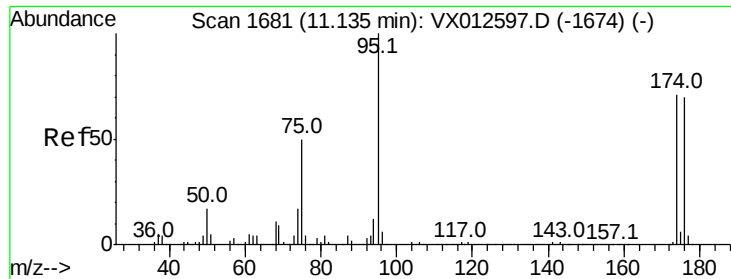
Tgt Ion:107 Resp: 106280

Ion Ratio Lower Upper

107 100

109 92.0 74.7 112.1

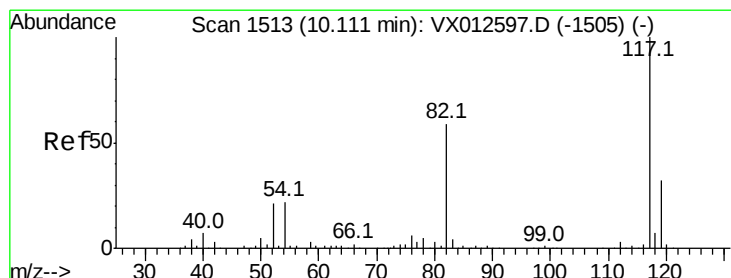
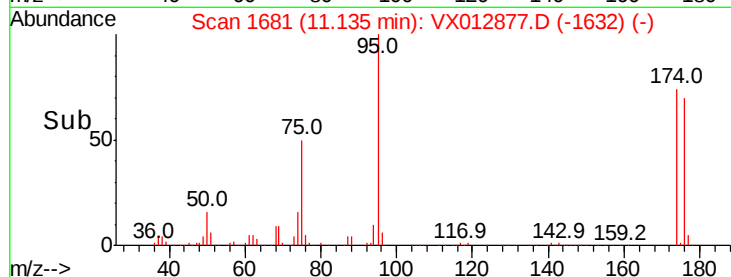
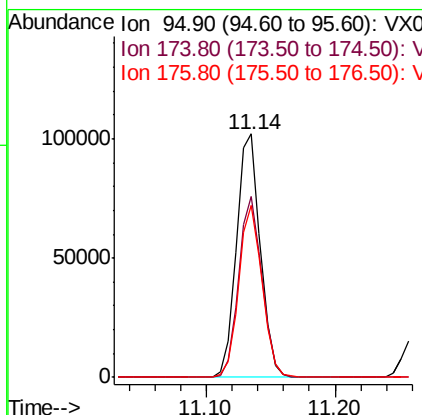
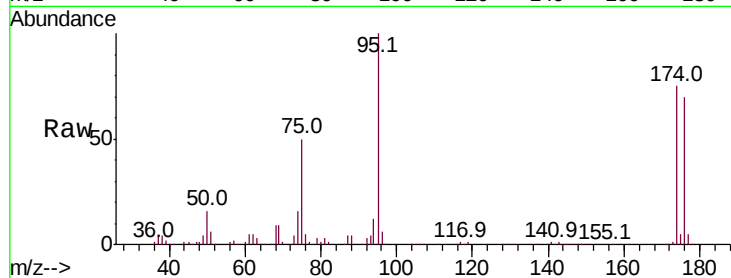




#62
4-Bromofluorobenzene
Concen: 48.921 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX012877.D
Acq: 08 Oct 2019 07:32

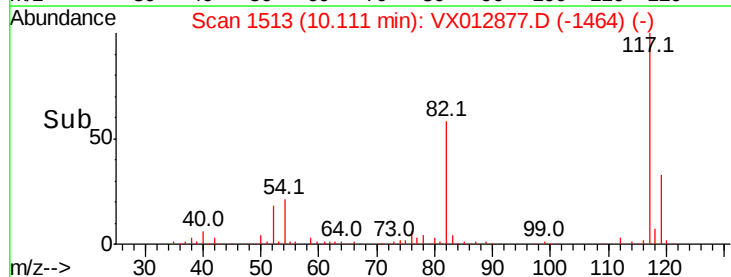
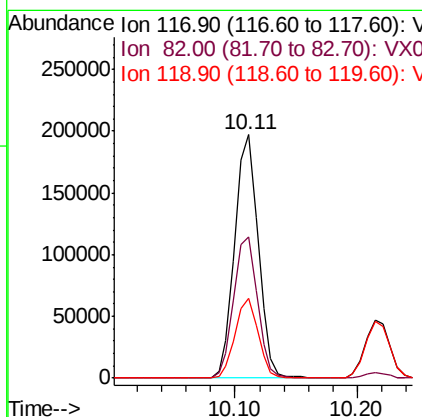
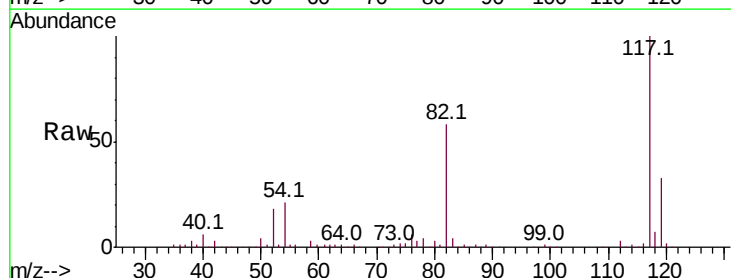
Instrument :
MSVOA_X
ClientSampleId :
FA19-MMW3414MS

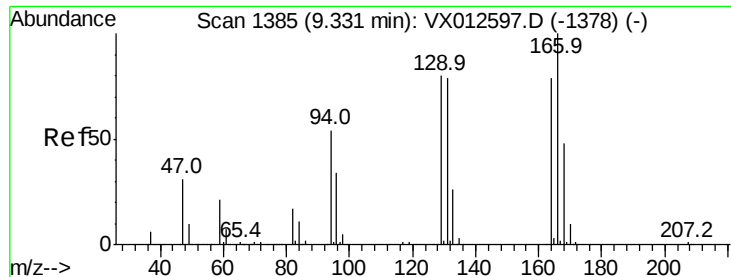
Tot Ion: 95 Resp: 130777
Ion Ratio Lower Upper
95 100
174 72.5 0.0 140.0
176 68.8 0.0 135.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012877.D
Acq: 08 Oct 2019 07:32

Tgt Ion: 117 Resp: 263018
Ion Ratio Lower Upper
117 100
82 57.9 45.9 68.9
119 32.6 25.3 37.9

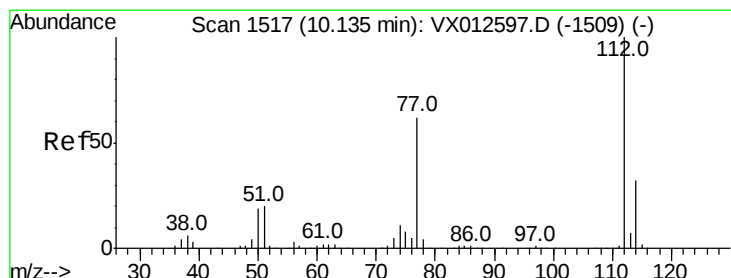
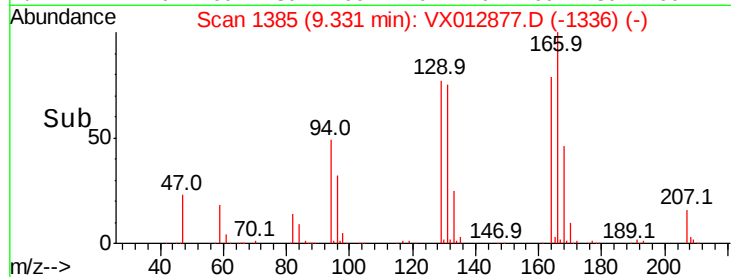
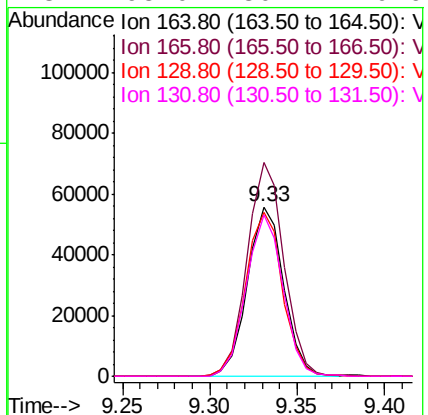
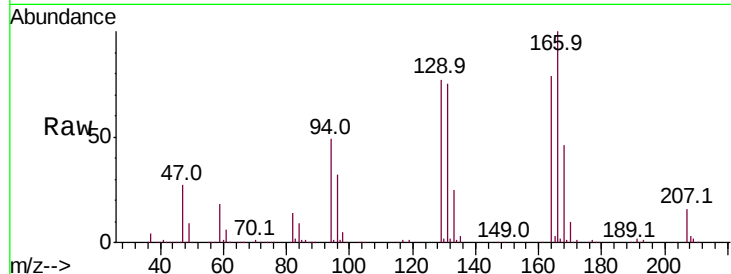




#64
Tetrachloroethene
Concen: 43.927 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012877.D
Acq: 08 Oct 2019 07:32

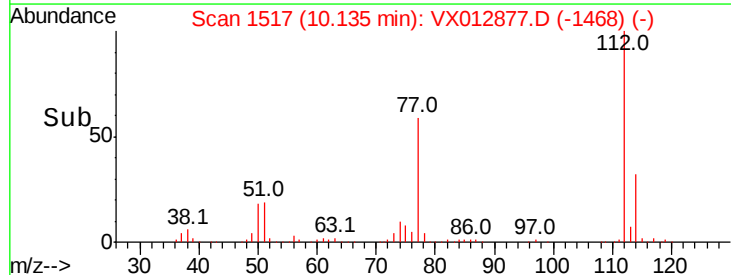
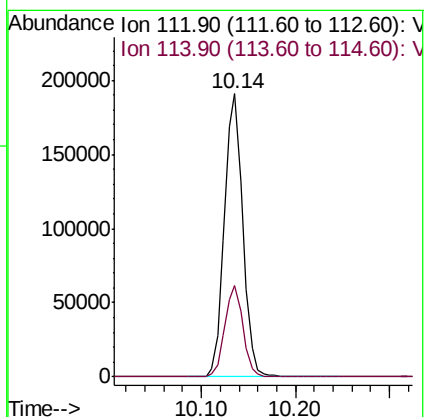
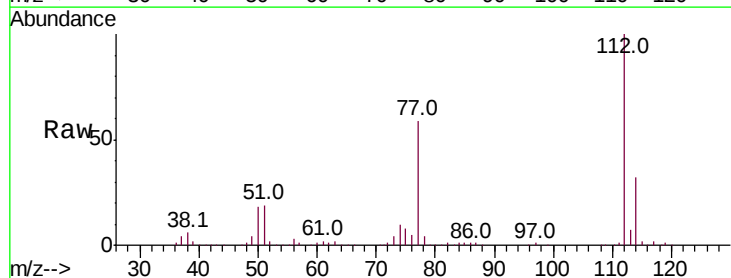
Instrument :
MSVOA_X
ClientSampleId :
FA19-MMW3414MS

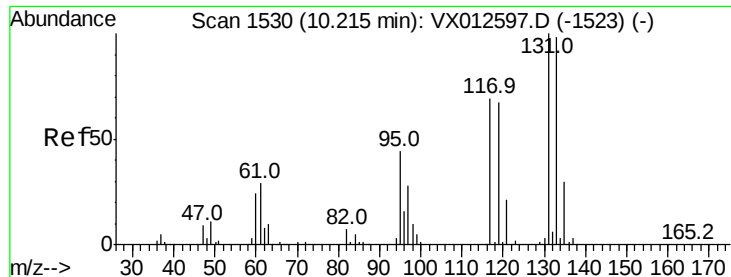
Tot Ion:164 Resp: 80554
Ion Ratio Lower Upper
164 100
166 126.1 107.8 161.6
129 96.5 86.2 129.2
131 95.0 80.4 120.6



#65
Chlorobenzene
Concen: 46.669 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX012877.D
Acq: 08 Oct 2019 07:32

Tgt Ion:112 Resp: 258481
Ion Ratio Lower Upper
112 100
114 32.3 25.4 38.0

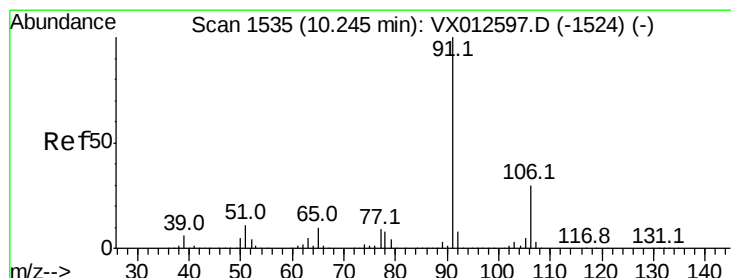
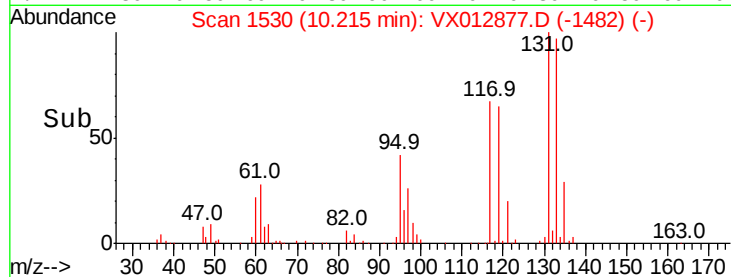
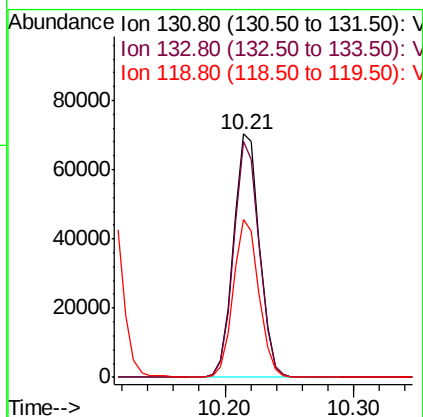
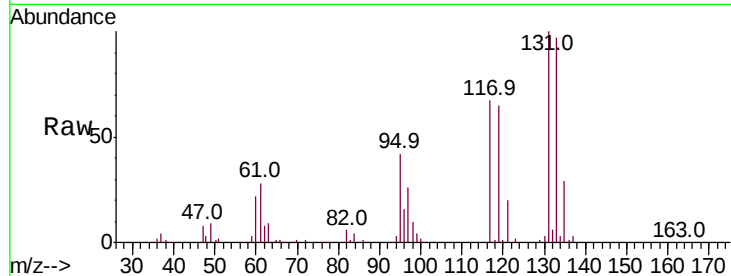




#66
 1,1,1,2-Tetrachloroethane
 Concen: 49.197 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VX012877.D
 Acq: 08 Oct 2019 07:32

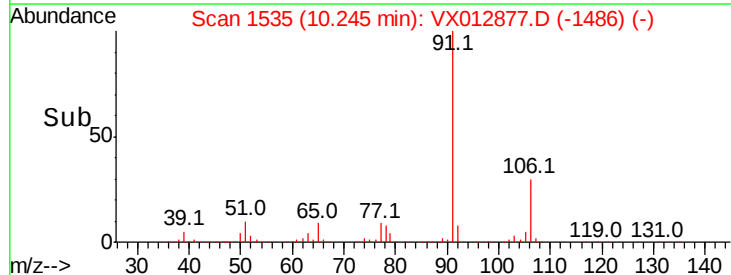
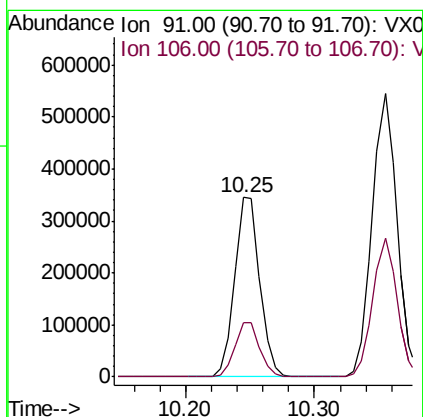
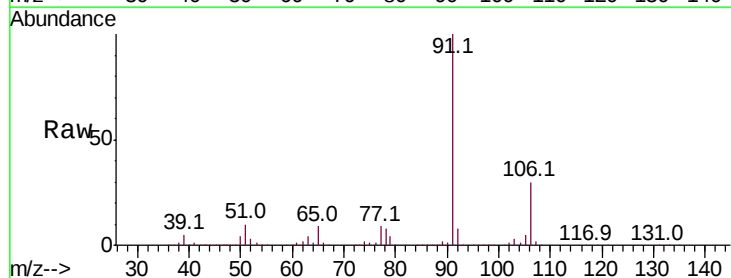
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-MMW3414MS

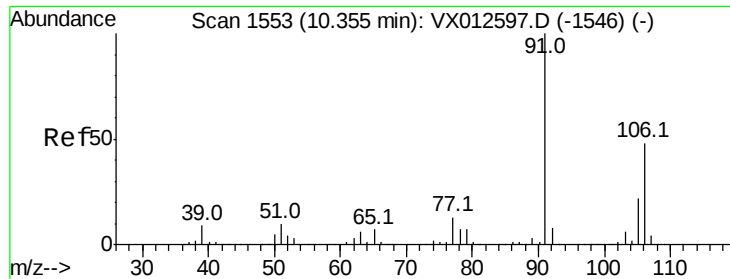
Tot Ion:131 Resp: 98727
 Ion Ratio Lower Upper
 131 100
 133 95.3 47.6 142.9
 119 64.0 31.3 93.8



#67
 Ethyl Benzene
 Concen: 46.875 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VX012877.D
 Acq: 08 Oct 2019 07:32

Tgt Ion: 91 Resp: 470892
 Ion Ratio Lower Upper
 91 100
 106 30.4 24.6 37.0

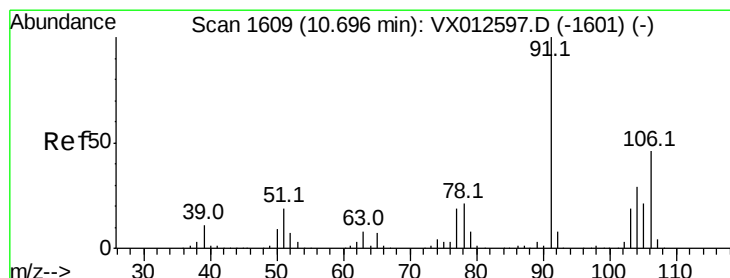
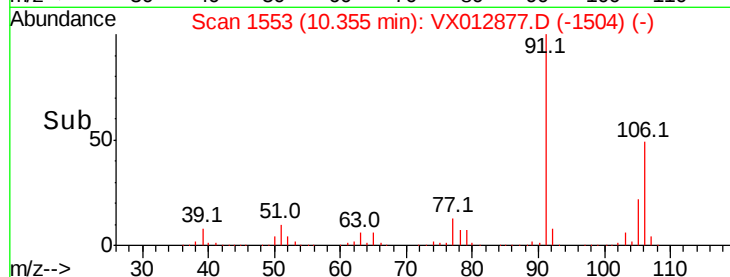
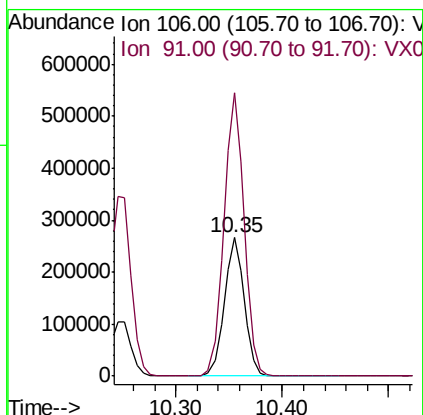
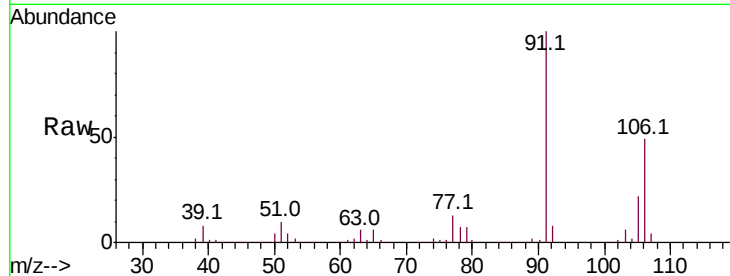




#68
m/p-Xylenes
Concen: 92.377 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012877.D
Acq: 08 Oct 2019 07:32

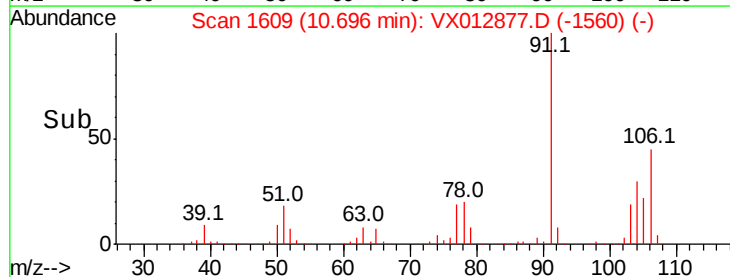
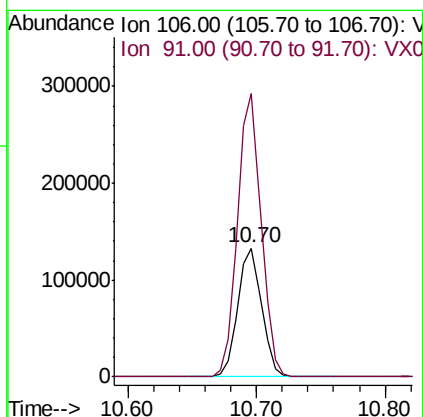
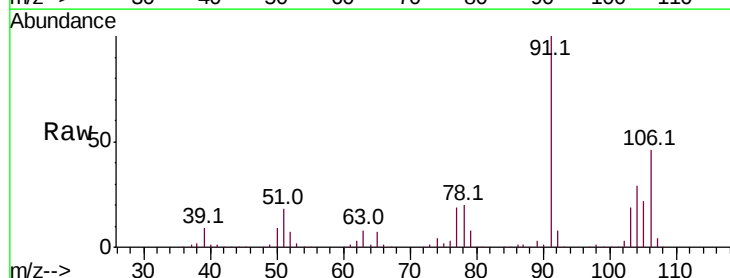
Instrument :
MSVOA_X
ClientSampleId :
FA19-MMW3414MS

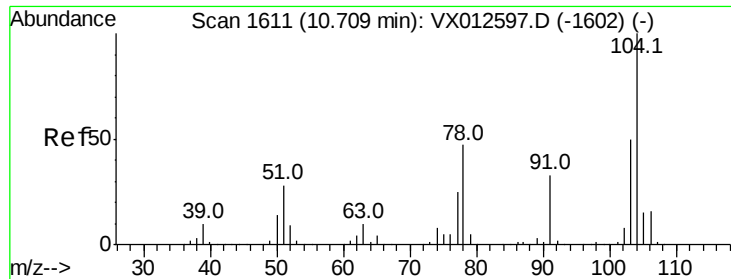
Tot Ion:106 Resp: 347624
Ion Ratio Lower Upper
106 100
91 207.6 166.6 250.0



#69
o-Xylene
Concen: 46.980 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012877.D
Acq: 08 Oct 2019 07:32

Tgt Ion:106 Resp: 171067
Ion Ratio Lower Upper
106 100
91 219.0 109.4 328.2

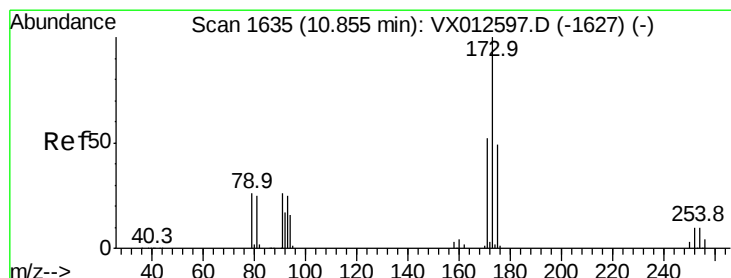
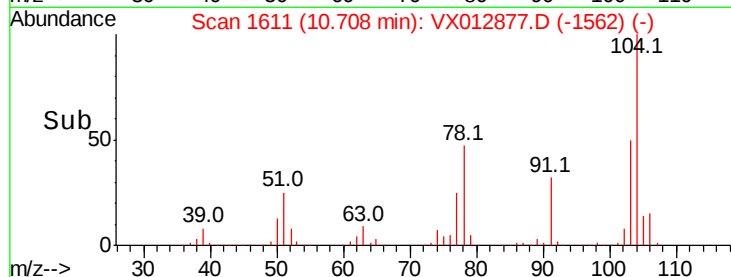
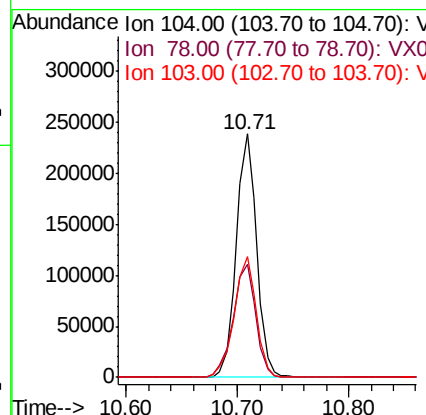
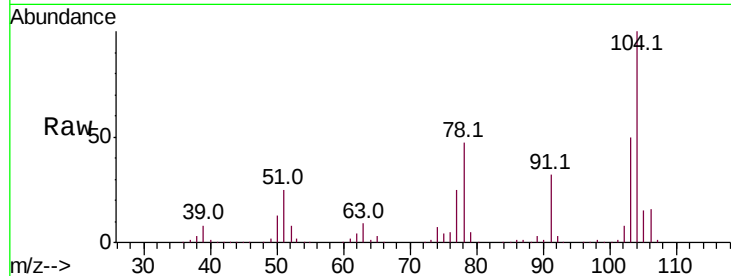




#70
Stvrene
Concen: 49.412 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012877.D
Acq: 08 Oct 2019 07:32

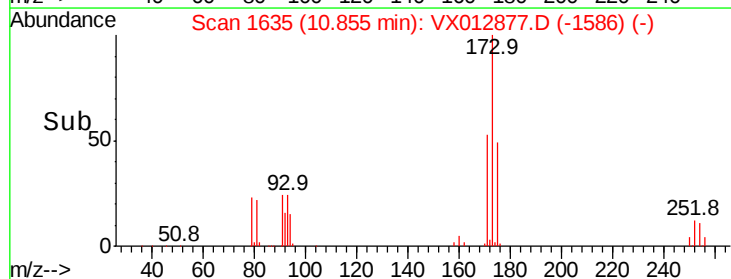
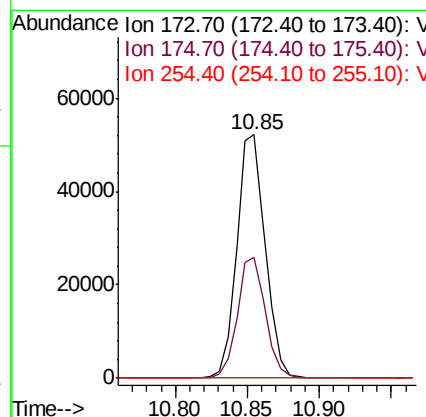
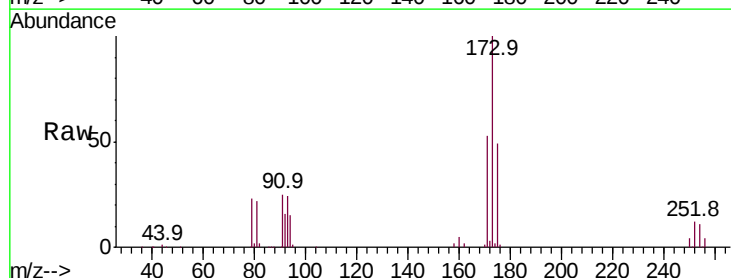
Instrument :
MSVOA_X
ClientSampleId :
FA19-MMW3414MS

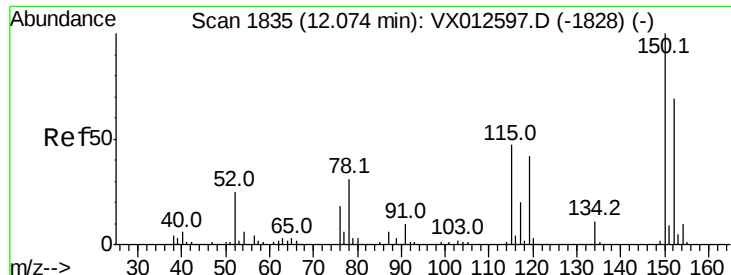
Tot Ion:104 Resp: 301626
Ion Ratio Lower Upper
104 100
78 51.9 43.4 65.2
103 53.7 43.3 64.9



#71
Bromoform
Concen: 51.379 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX012877.D
Acq: 08 Oct 2019 07:32

Tgt Ion:173 Resp: 71793
Ion Ratio Lower Upper
173 100
175 48.7 23.7 71.1
254 0.2 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX012877.D

Acq: 08 Oct 2019 07:32

Instrument :

MSVOA_X

ClientSampleId :

FA19-MMW3414MS

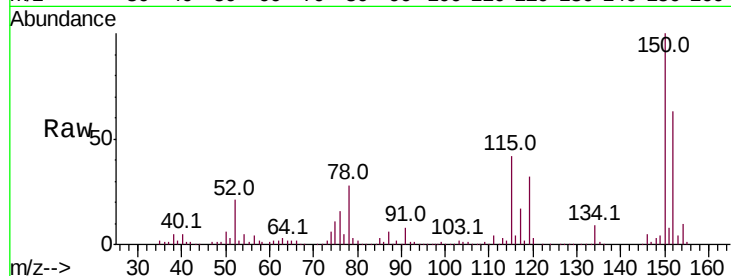
Tot Ion:152 Resp: 125683

Ion Ratio Lower Upper

152 100

115 85.3 44.1 132.3

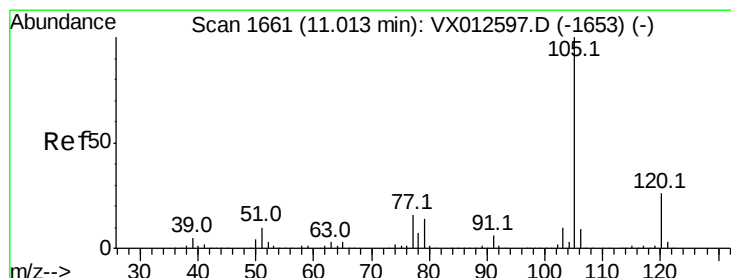
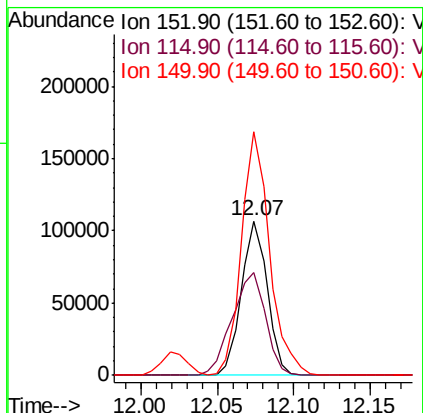
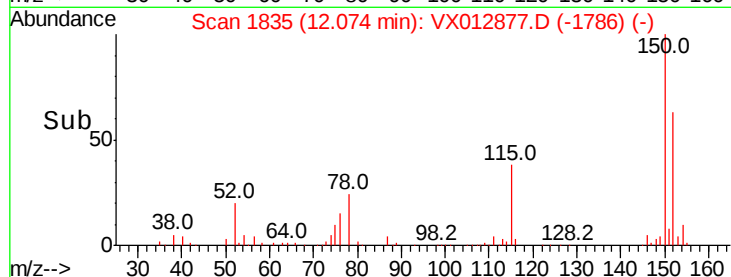
150 171.2 0.0 343.8



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: 44.484 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012877.D

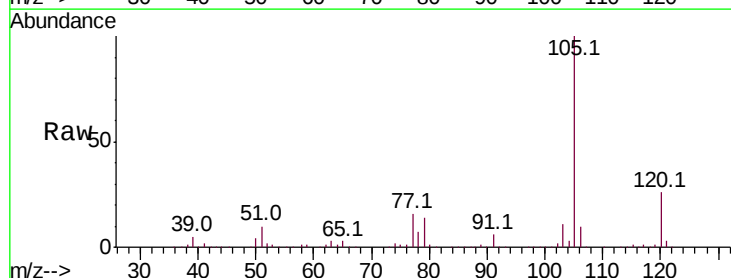
Acq: 08 Oct 2019 07:32

Tgt Ion:105 Resp: 455363

Ion Ratio Lower Upper

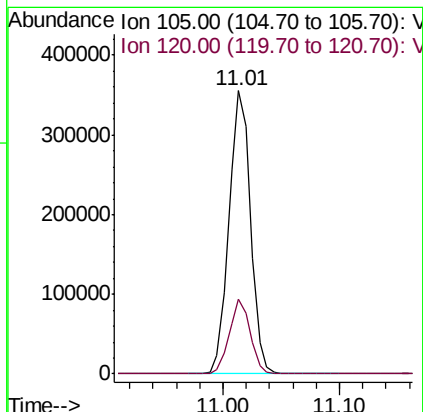
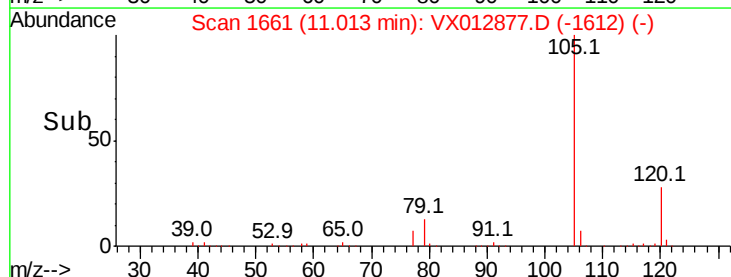
105 100

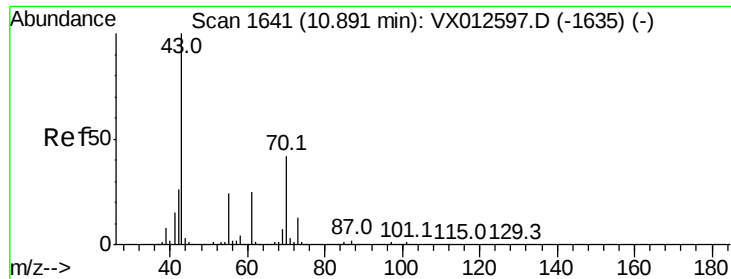
120 25.6 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 37.798 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX012877.D

Acq: 08 Oct 2019 07:32

Instrument :

MSVOA_X

ClientSampleId :

FA19-MMW3414MS

Tot Ion: 43 Resp: 184587

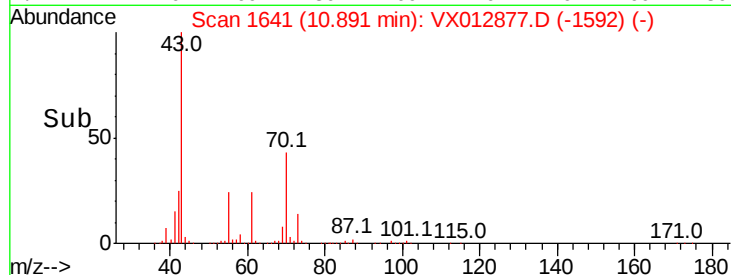
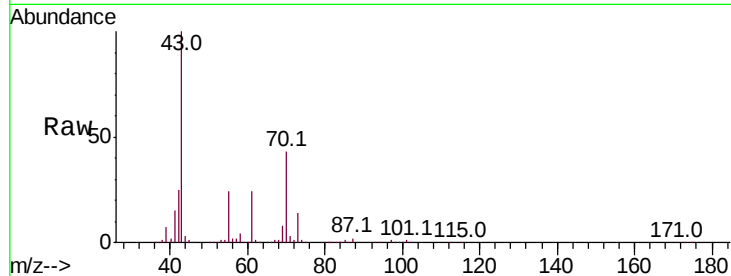
Ion	Ratio	Lower	Upper
43	100		
70	44.1	32.4	48.6
55	24.6	18.2	27.4
61	25.0	18.5	27.7

43 100

70 44.1 32.4 48.6

55 24.6 18.2 27.4

61 25.0 18.5 27.7

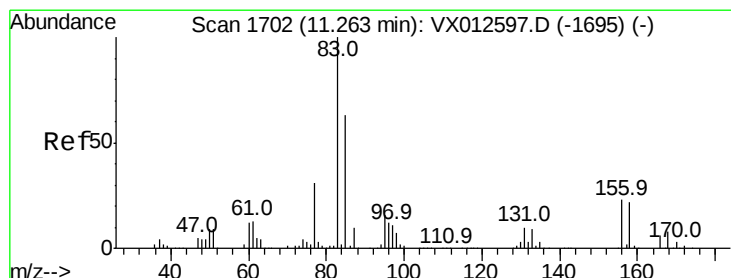
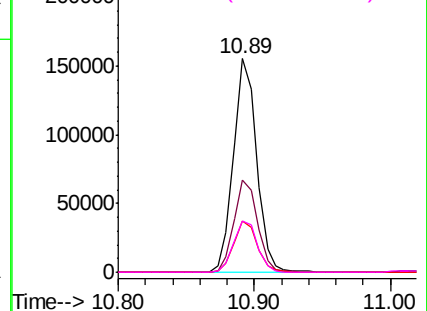


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 48.933 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012877.D

Acq: 08 Oct 2019 07:32

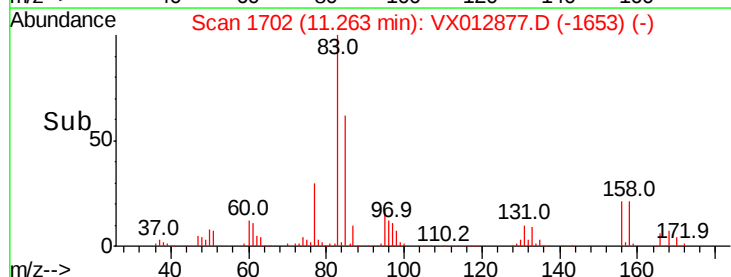
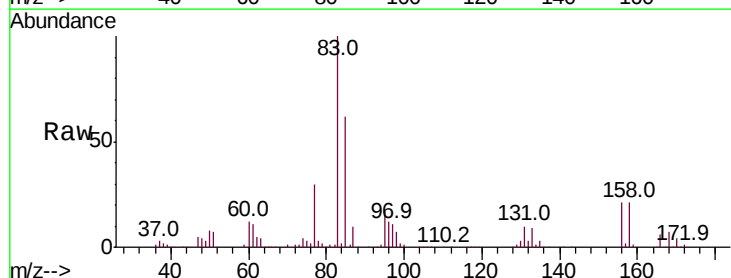
Tgt Ion: 83 Resp: 165892

Ion	Ratio	Lower	Upper
83	100		
131	9.9	5.2	15.6
85	62.6	32.0	96.0

83 100

131 9.9 5.2 15.6

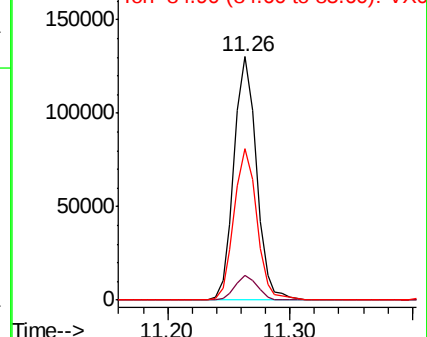
85 62.6 32.0 96.0

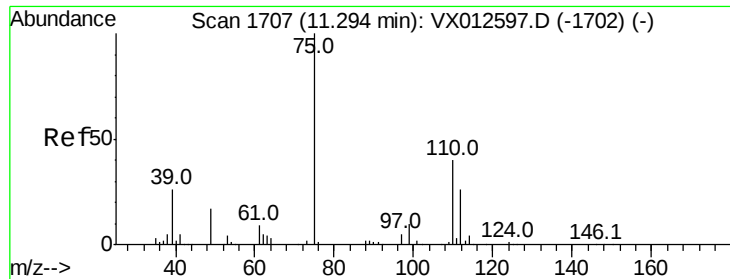


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

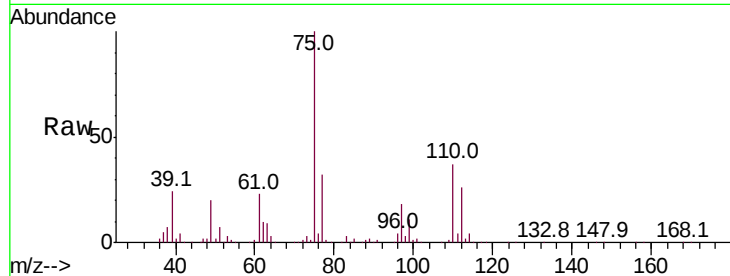




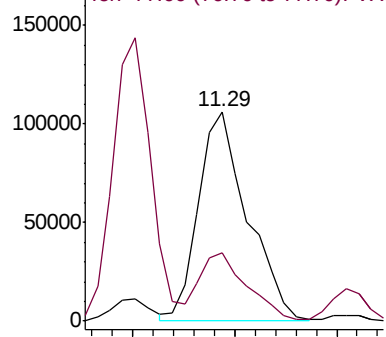
#76
 1,2,3-Trichloropropane
 Concen: 53.191 ug/l
 RT: 11.29 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX012877.D
 Acq: 08 Oct 2019 07:32

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-MMW3414MS

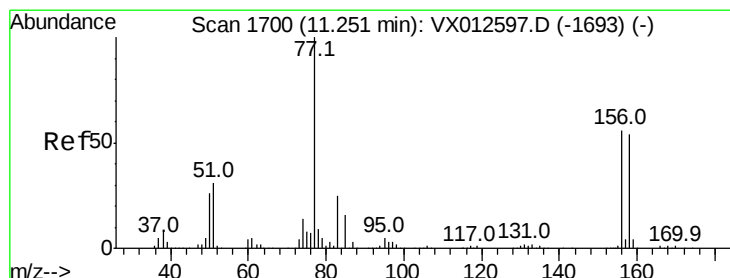
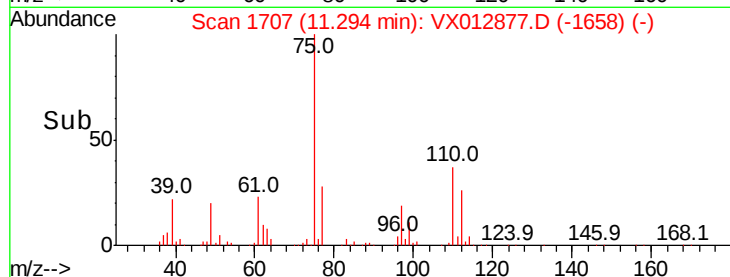
Tot Ion: 75 Resp: 176841
 Ion Ratio Lower Upper
 75 100
 77 31.3 19.7 59.0



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 77.00 (76.70 to 77.70): VX0

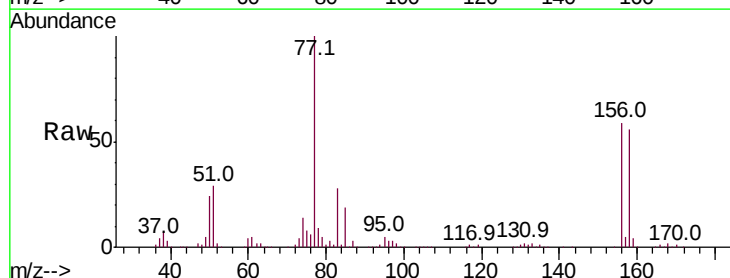


Time-->

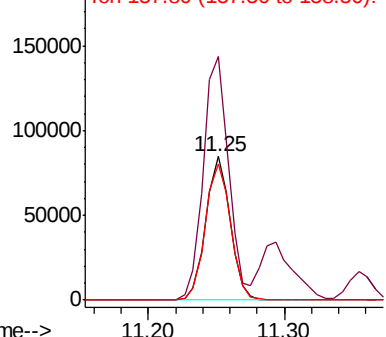


#77
 Bromobenzene
 Concen: 45.652 ug/l
 RT: 11.25 min Scan# 1700
 Delta R.T. -0.00 min
 Lab File: VX012877.D
 Acq: 08 Oct 2019 07:32

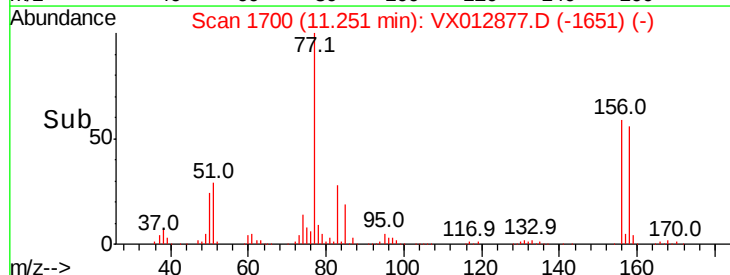
Tgt Ion: 156 Resp: 105766
 Ion Ratio Lower Upper
 156 100
 77 176.8 87.3 261.8
 158 98.0 48.5 145.6

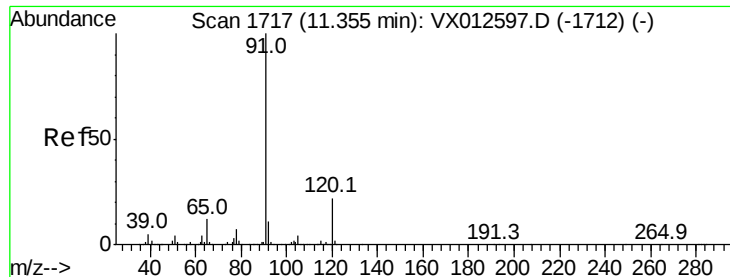


Abundance Ion 155.80 (155.50 to 156.50): V
 Ion 77.00 (76.70 to 77.70): VX0
 Ion 157.80 (157.50 to 158.50): V



Time-->





#78

n-propylbenzene

Concen: 43.927 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012877.D

Acq: 08 Oct 2019 07:32

Instrument :

MSVOA_X

ClientSampleId :

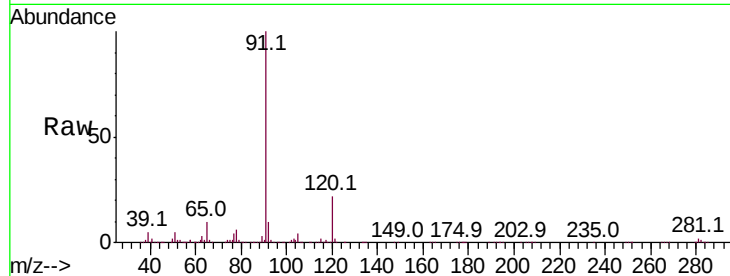
FA19-MMW3414MS

Tot Ion: 91 Resp: 506231

Ion Ratio Lower Upper

91 100

120 22.6 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

500000

400000

300000

200000

100000

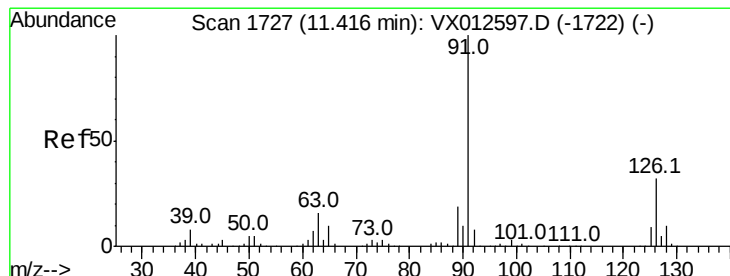
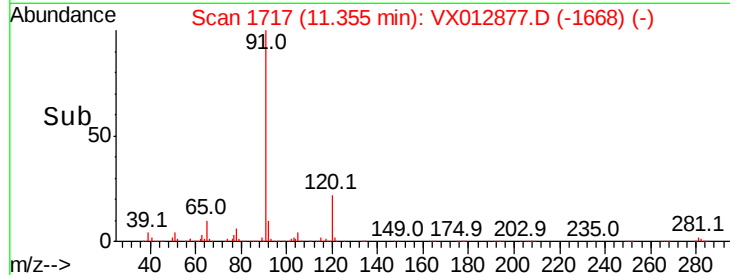
0

11.30

11.35

11.40

Time-->



#79

2-Chlorotoluene

Concen: 43.486 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX012877.D

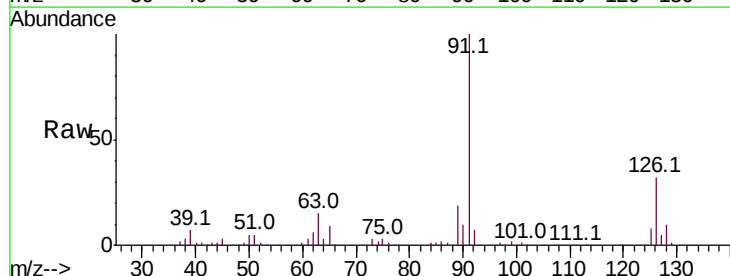
Acq: 08 Oct 2019 07:32

Tgt Ion: 91 Resp: 312629

Ion Ratio Lower Upper

91 100

126 32.7 16.4 49.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

500000

400000

300000

200000

100000

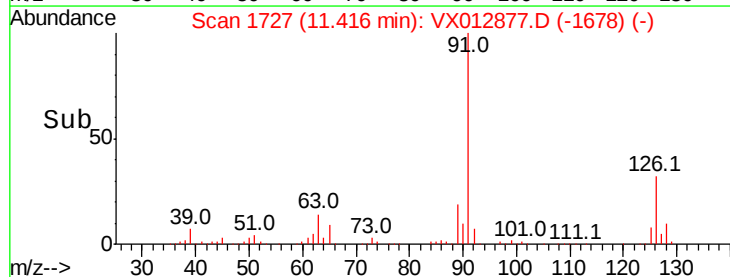
0

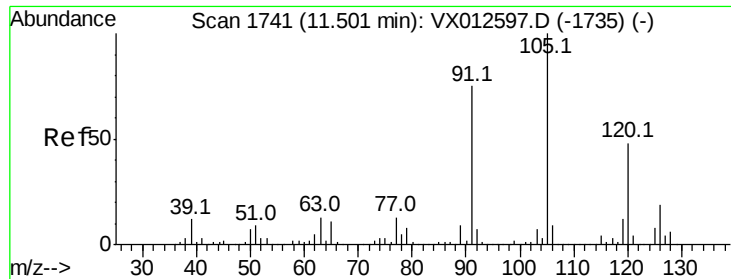
11.40

11.42

11.45

Time-->

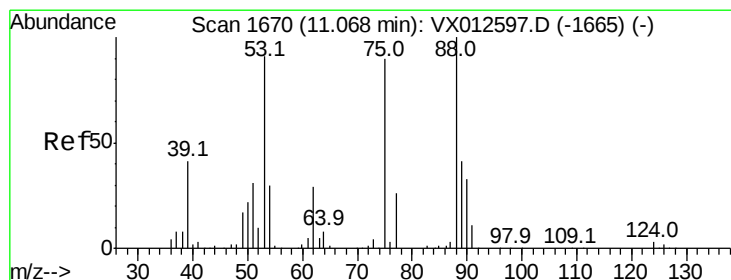
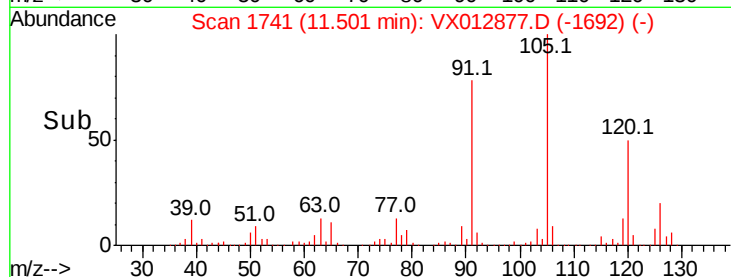
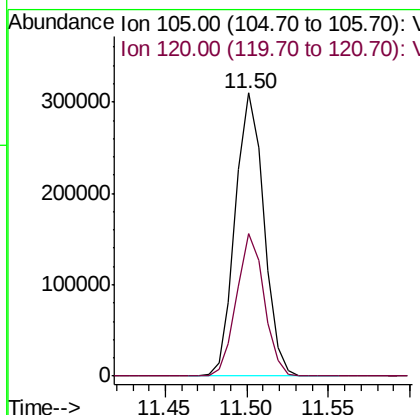
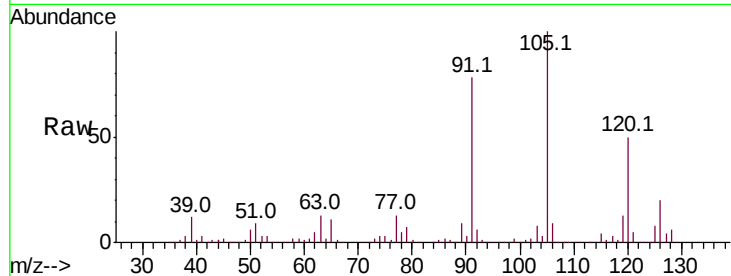




#80
 1,3,5-Trimethylbenzene
 Concen: 44.099 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX012877.D
 Acq: 08 Oct 2019 07:32

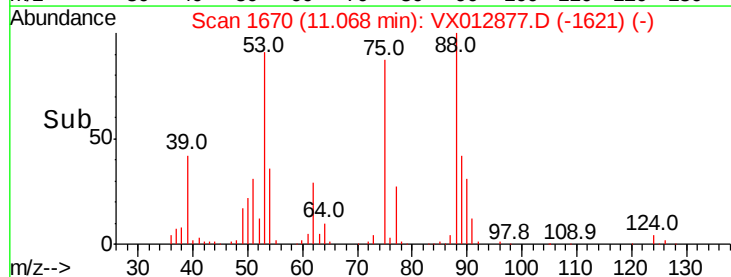
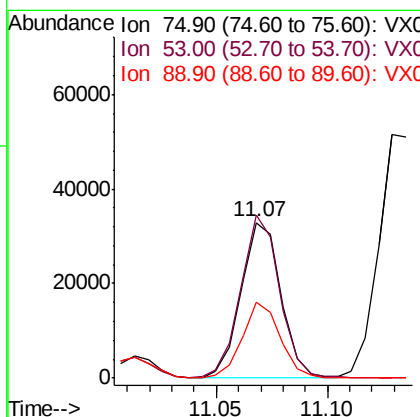
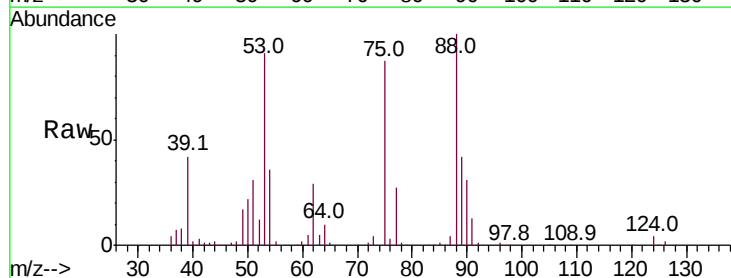
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-MMW3414MS

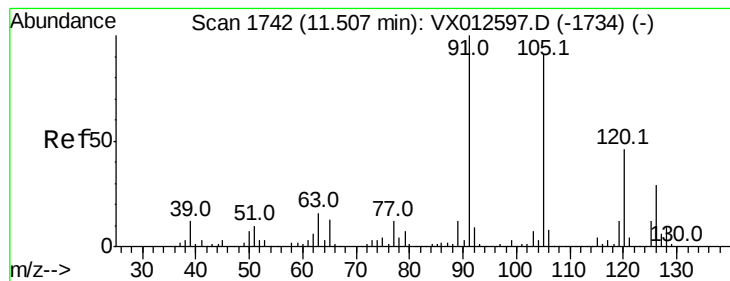
Tot Ion:105 Resp: 378551
 Ion Ratio Lower Upper
 105 100
 120 48.6 24.3 72.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 35.324 ug/l
 RT: 11.07 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: VX012877.D
 Acq: 08 Oct 2019 07:32

Tgt Ion: 75 Resp: 40980
 Ion Ratio Lower Upper
 75 100
 53 102.6 83.6 125.4
 89 46.5 36.3 54.5





#82

4-Chlorotoluene

Concen: 44.119 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX012877.D

Acq: 08 Oct 2019 07:32

Instrument :

MSVOA_X

ClientSampleId :

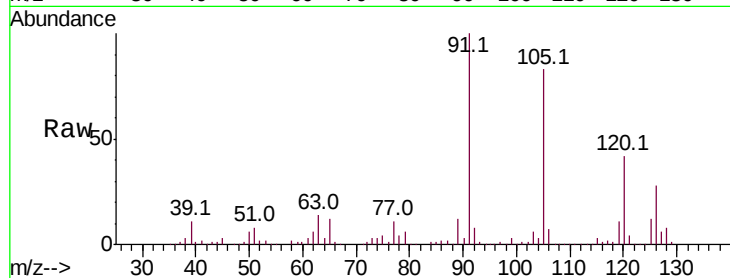
FA19-MMW3414MS

Tot Ion: 91 Resp: 361568

Ion Ratio Lower Upper

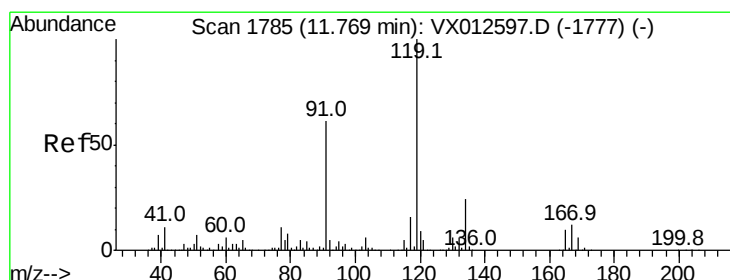
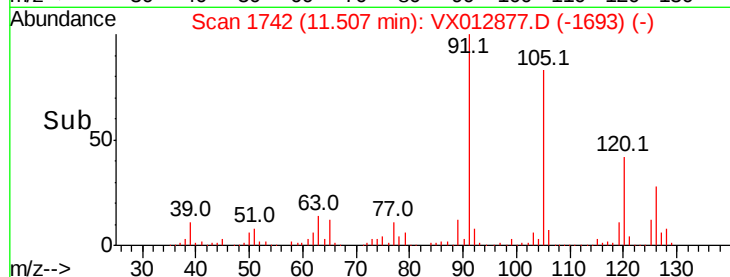
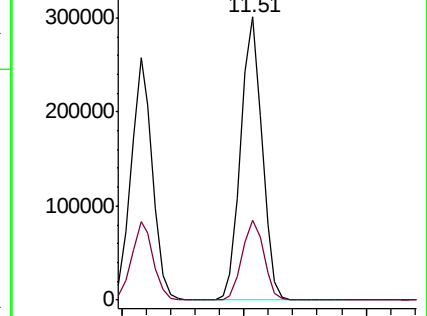
91 100

126 28.6 14.4 43.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#83

tert-Butylbenzene

Concen: 45.654 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VX012877.D

Acq: 08 Oct 2019 07:32

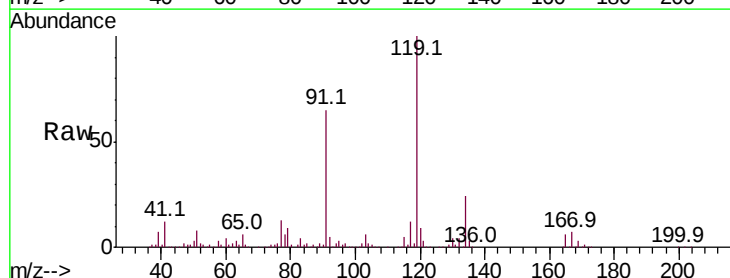
Tgt Ion: 119 Resp: 378039

Ion Ratio Lower Upper

119 100

91 58.8 30.0 90.0

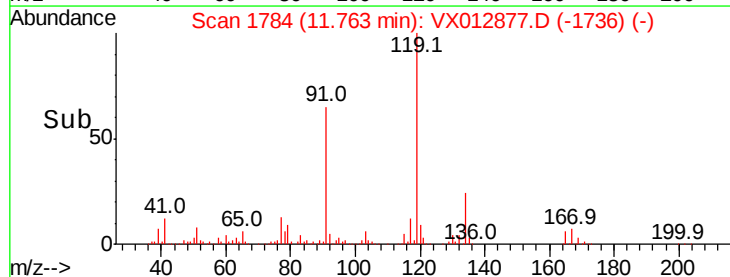
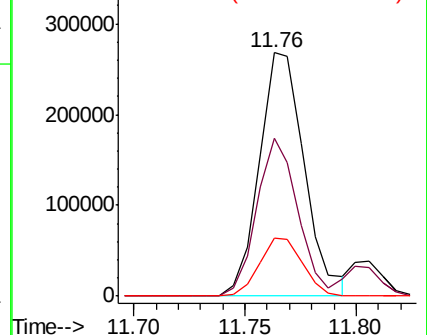
134 23.0 11.3 33.9

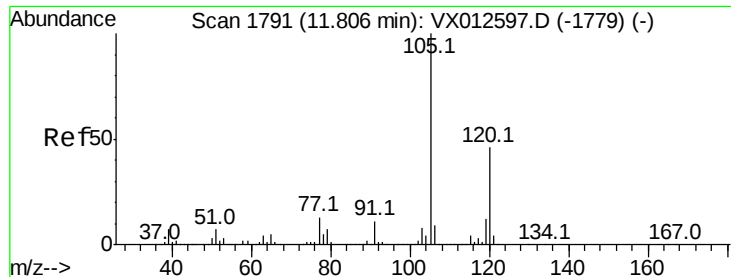


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V

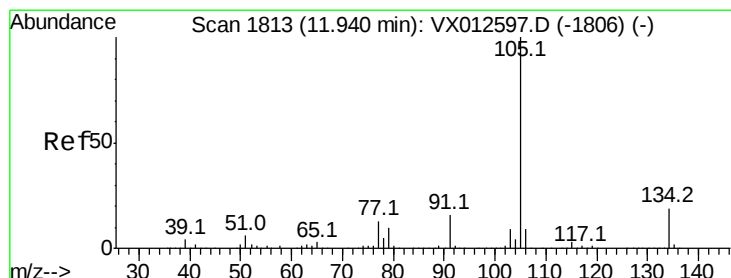
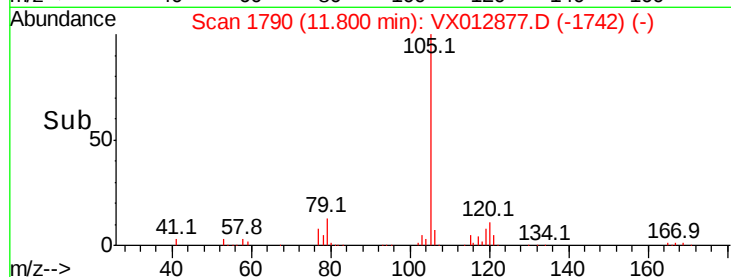
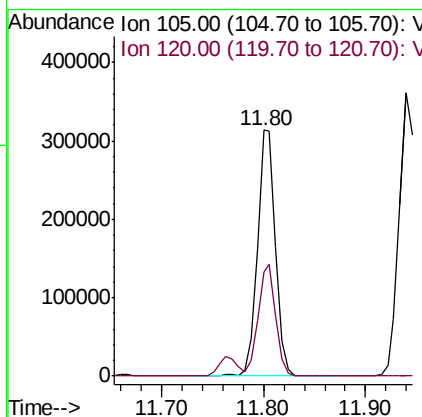
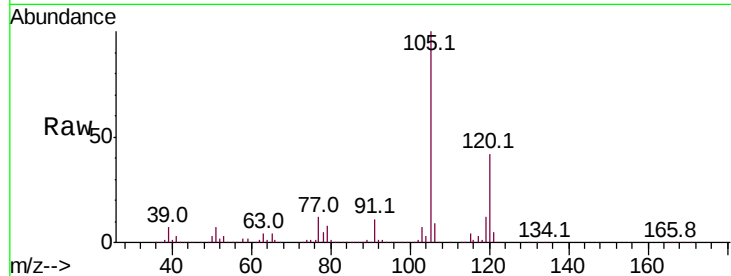




#84
 1,2,4-Trimethylbenzene
 Concen: 45.358 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX012877.D
 Acq: 08 Oct 2019 07:32

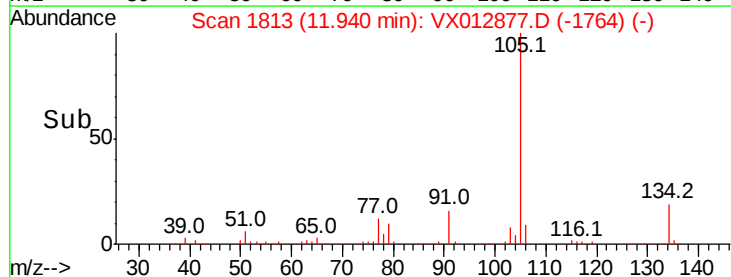
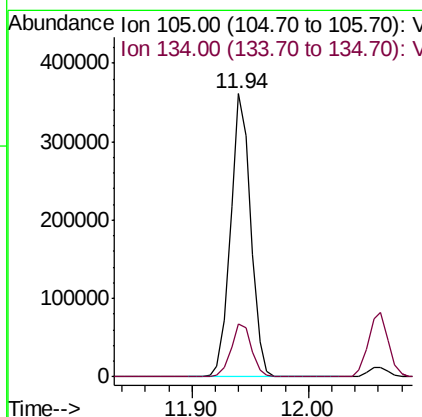
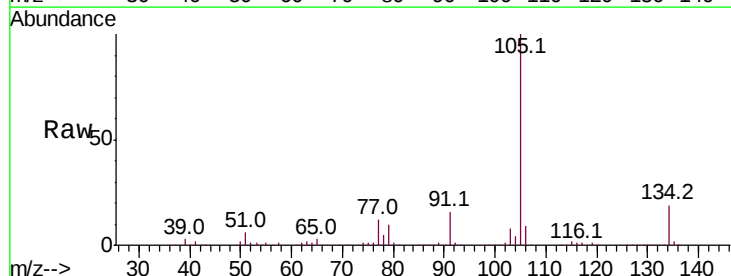
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-MMW3414MS

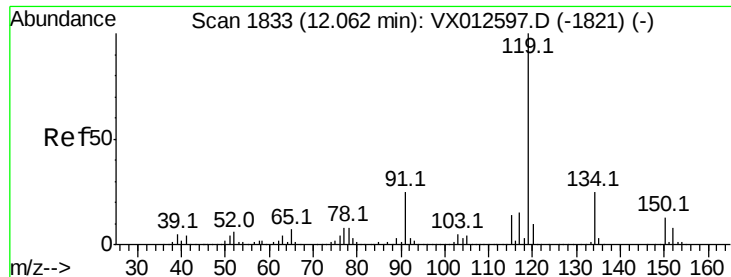
Tot Ion:105 Resp: 392778
 Ion Ratio Lower Upper
 105 100
 120 43.8 22.2 66.6



#85
 sec-Butylbenzene
 Concen: 45.038 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX012877.D
 Acq: 08 Oct 2019 07:32

Tgt Ion:105 Resp: 433772
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.8 29.4

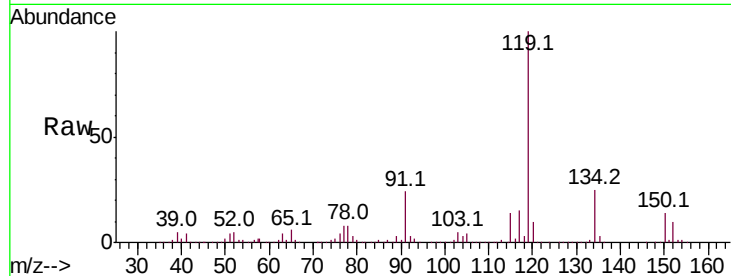




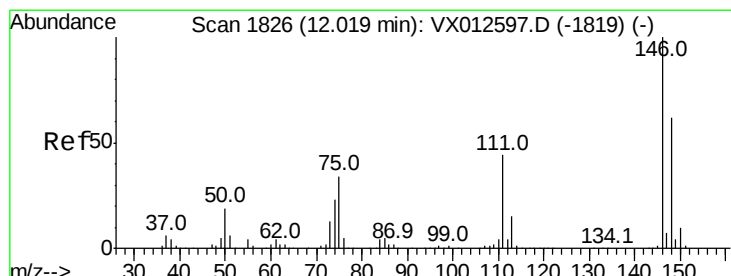
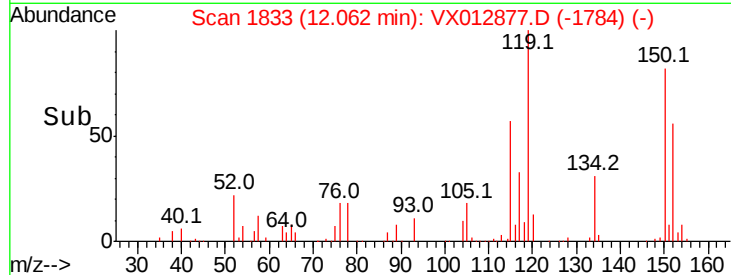
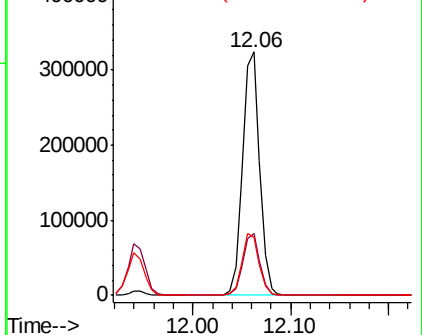
#86
 p-Isopropyltoluene
 Concen: 44.984 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX012877.D
 Acq: 08 Oct 2019 07:32

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-MMW3414MS

Tot Ion	Ratio	Lower	Upper
119	100		
134	25.1	12.7	38.1
91	25.2	12.8	38.4

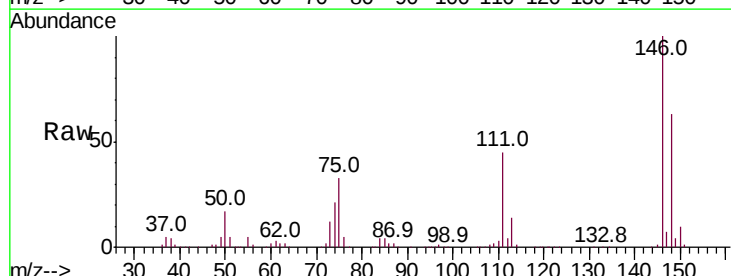


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

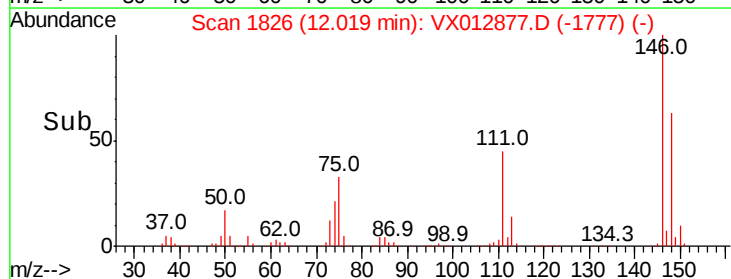
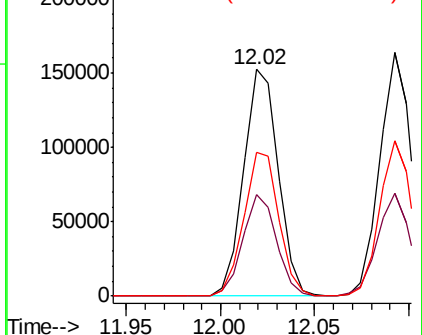


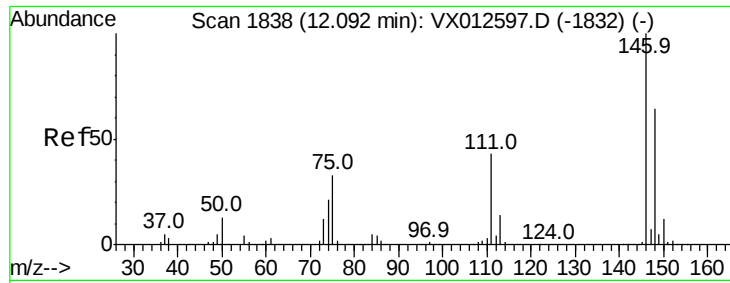
#87
 1,3-Dichlorobenzene
 Concen: 46.696 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX012877.D
 Acq: 08 Oct 2019 07:32

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.6	21.3	64.0
148	63.9	32.4	97.2



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

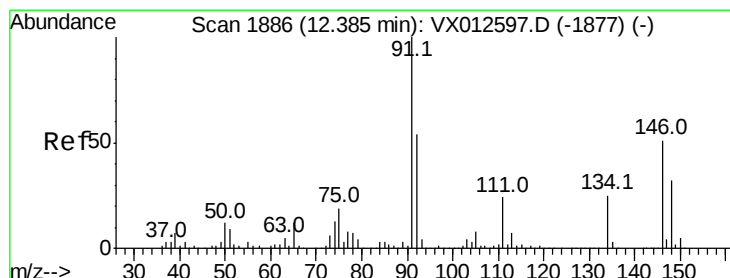
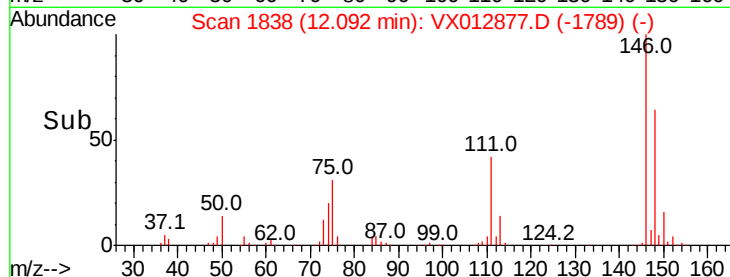
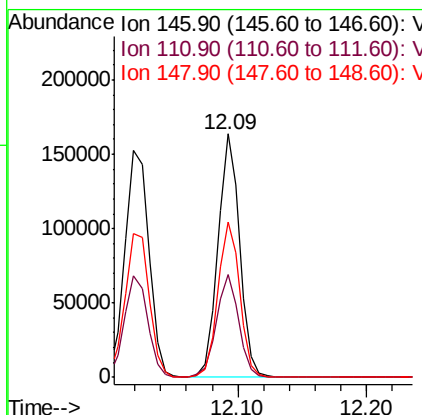
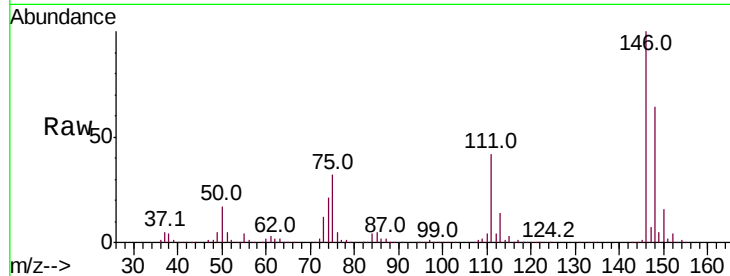




#88
 1,4-Dichlorobenzene
 Concen: 46.156 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX012877.D
 Acq: 08 Oct 2019 07:32

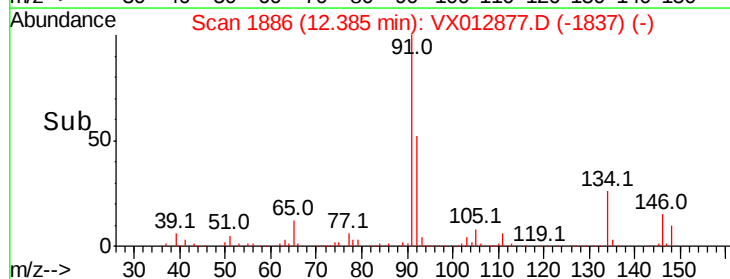
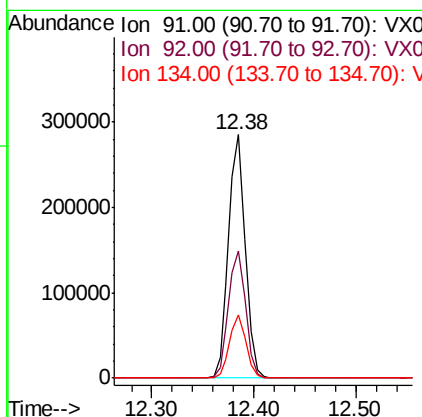
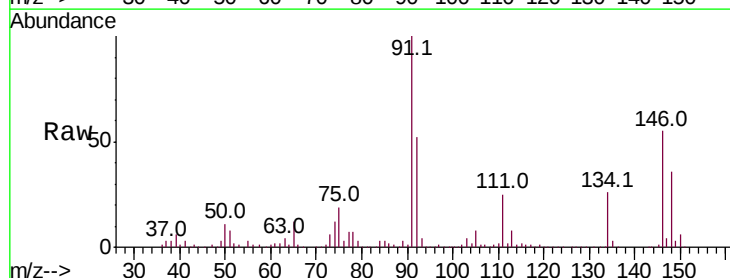
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-MMW3414MS

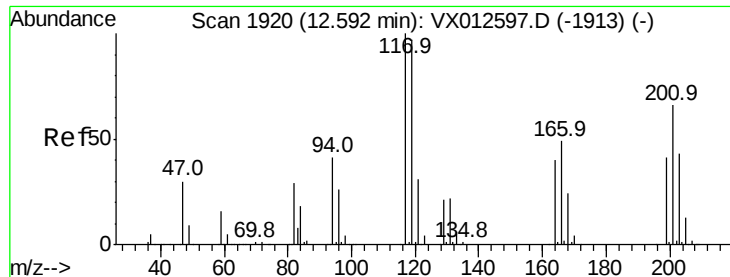
Tot Ion	Ratio	Lower	Upper
146	100		
111	43.4	21.1	63.3
148	64.4	32.1	96.5



#89
 n-Butylbenzene
 Concen: 42.374 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012877.D
 Acq: 08 Oct 2019 07:32

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.4	27.7	83.0
134	25.3	12.9	38.6





#90

Hexachloroethane

Concen: 44.391 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX012877.D

Acq: 08 Oct 2019 07:32

Instrument :

MSVOA_X

ClientSampleId :

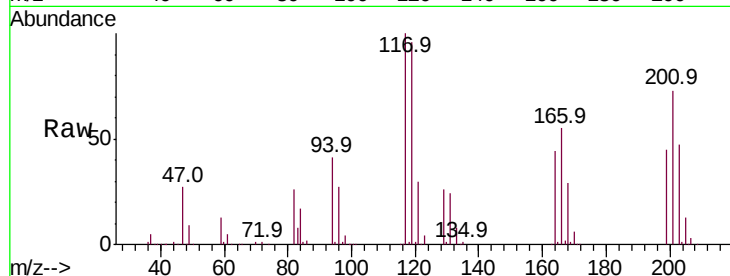
FA19-MMW3414MS

Tot Ion:117 Resp: 68776

Ion Ratio Lower Upper

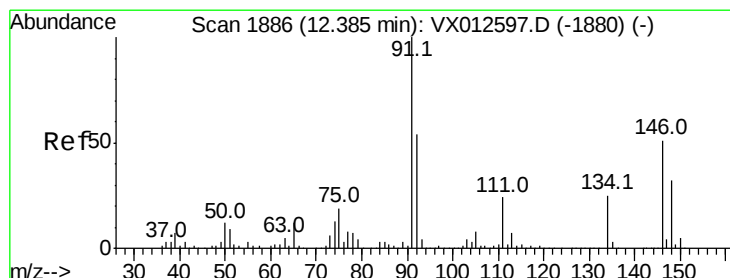
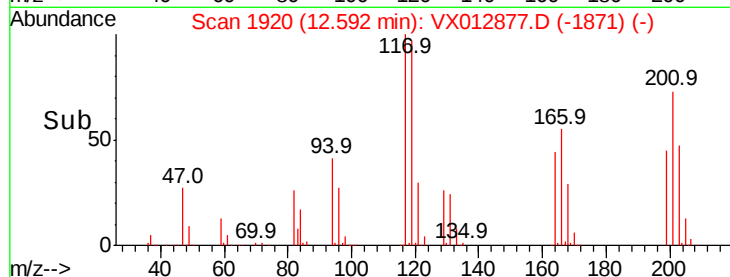
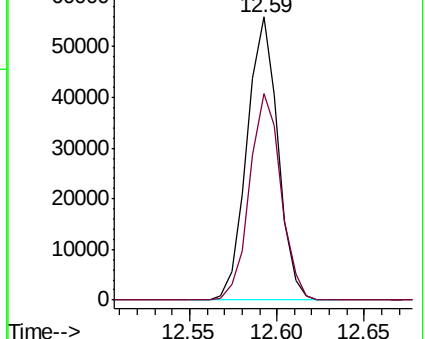
117 100

201 73.8 33.3 99.8



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 47.738 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX012877.D

Acq: 08 Oct 2019 07:32

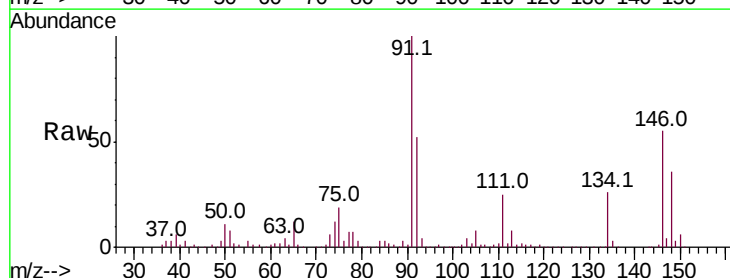
Tgt Ion:146 Resp: 199266

Ion Ratio Lower Upper

146 100

111 45.0 22.1 66.1

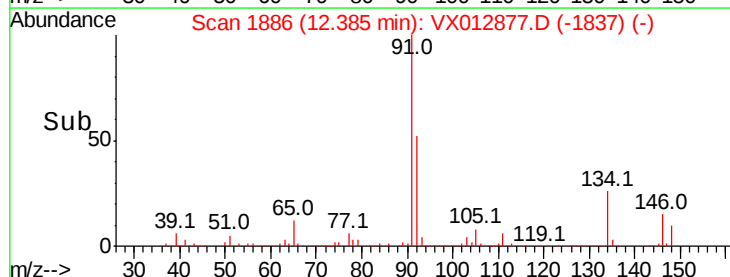
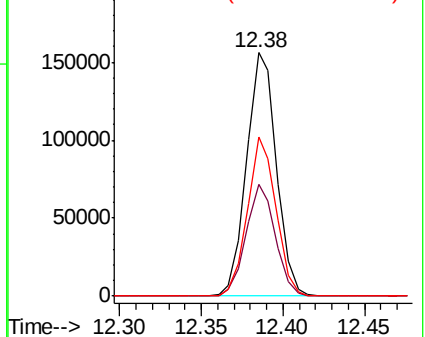
148 62.8 31.3 93.9

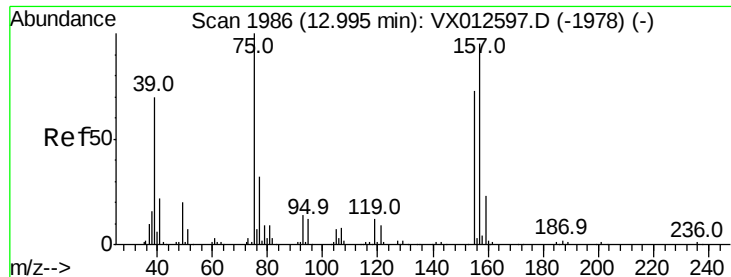


Abundance Ion 145.90 (145.60 to 146.60): V

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: 45.997 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VX012877.D

Acq: 08 Oct 2019 07:32

Instrument :

MSVOA_X

ClientSampleId :

FA19-MMW3414MS

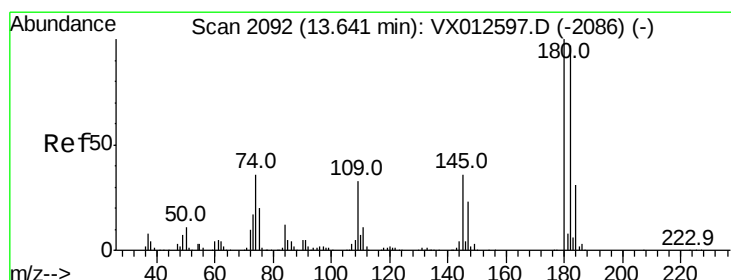
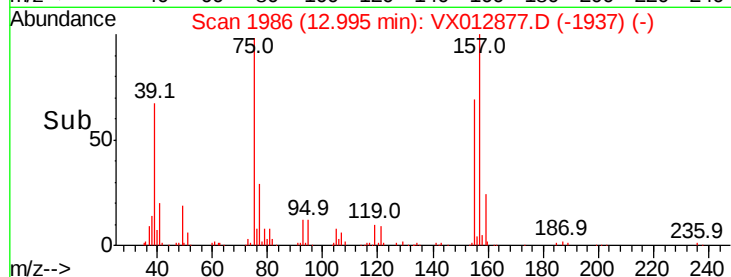
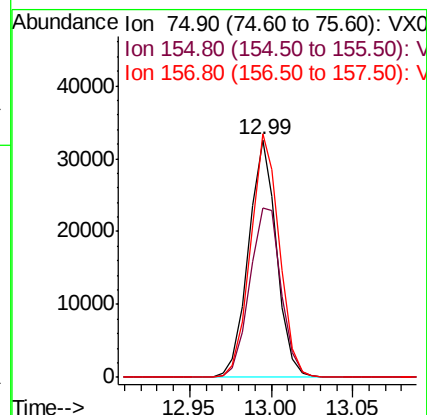
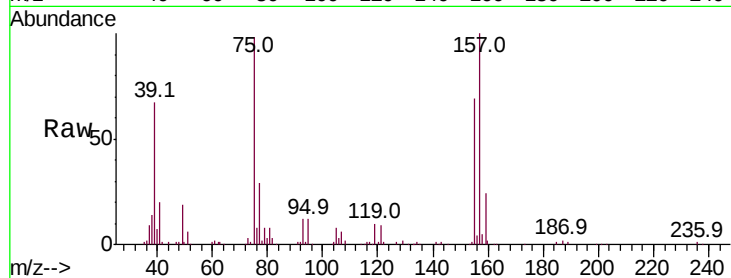
Tot Ion: 75 Resp: 39007

Ion Ratio Lower Upper

75 100

155 79.9 38.6 115.8

157 104.8 50.6 151.9



#93

1,2,4-Trichlorobenzene

Concen: 46.930 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. -0.00 min

Lab File: VX012877.D

Acq: 08 Oct 2019 07:32

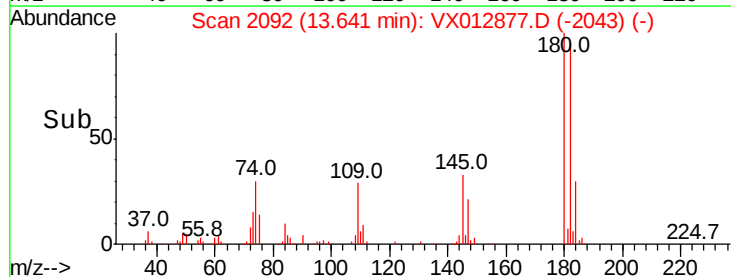
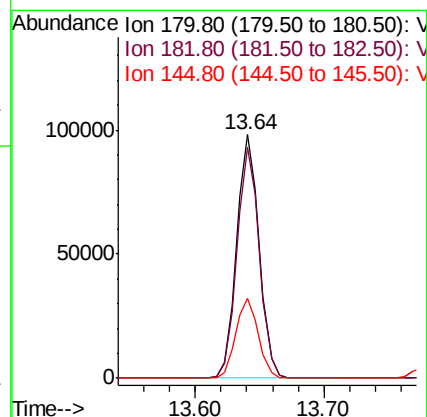
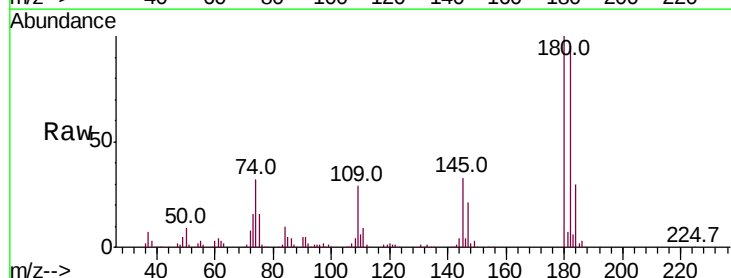
Tgt Ion:180 Resp: 119464

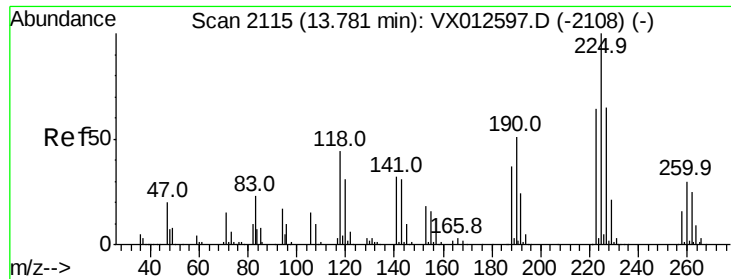
Ion Ratio Lower Upper

180 100

182 94.4 47.0 141.0

145 32.8 16.8 50.4





#94

Hexachlorobutadiene

Concen: 45.005 ug/l

RT: 13.77 min Scan# 2114

Delta R.T. -0.01 min

Lab File: VX012877.D

Acq: 08 Oct 2019 07:32

Instrument :

MSVOA_X

ClientSampleId :

FA19-MMW3414MS

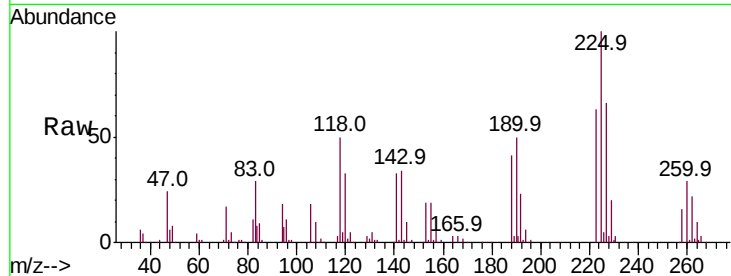
Tot Ion:225 Resp: 49286

Ion Ratio Lower Upper

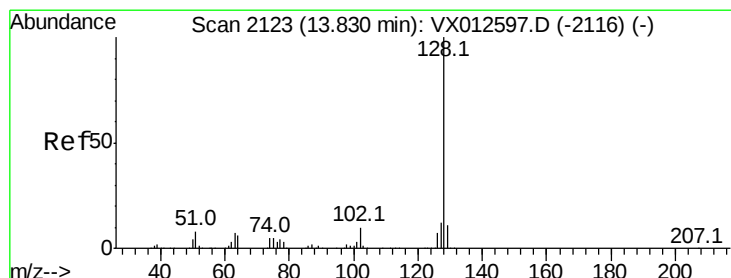
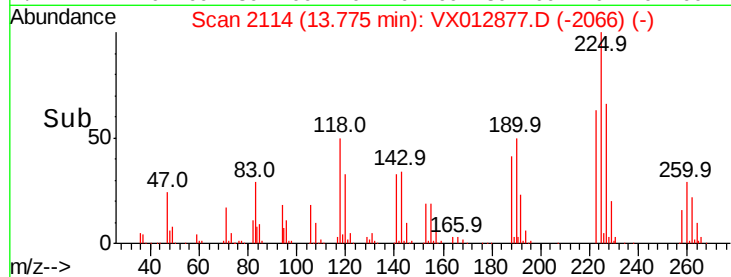
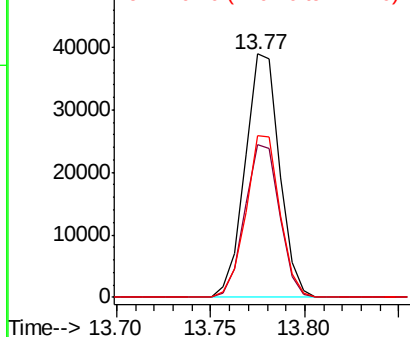
225 100

223 63.6 32.0 96.2

227 65.4 31.9 95.5



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: 46.669 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX012877.D

Acq: 08 Oct 2019 07:32

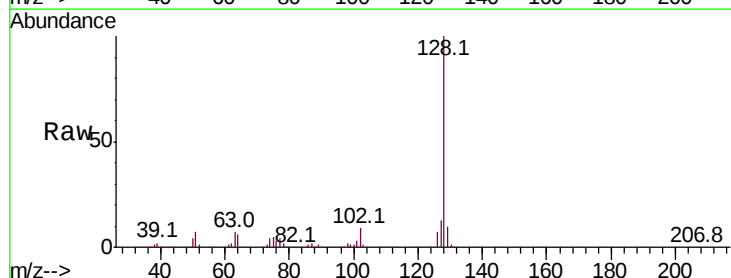
Tgt Ion:128 Resp: 429825

Ion Ratio Lower Upper

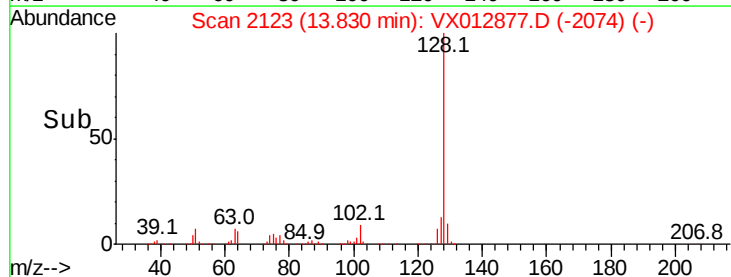
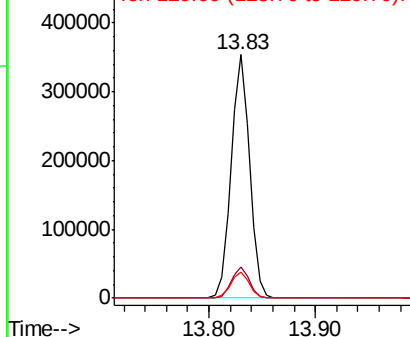
128 100

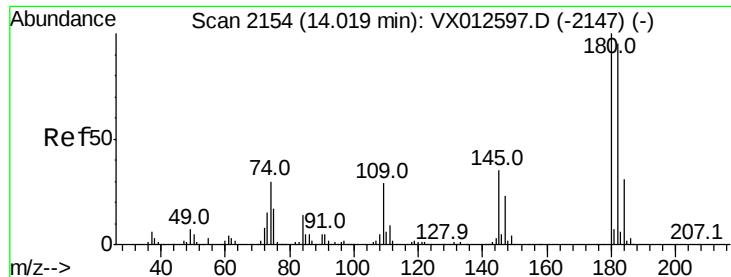
127 12.7 10.2 15.4

129 10.7 8.8 13.2



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





#96
 1,2,3-Trichlorobenzene
 Concen: 47.433 ug/l
 RT: 14.01 min Scan# 2153
 Delta R.T. -0.00 min
 Lab File: VX012877.D
 Acq: 08 Oct 2019 07:32

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-MMW3414MS

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.1	141.3
145	36.1	18.0	54.0

