

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101119\
 Data File : VX013030.D
 Acq On : 11 Oct 2019 20:36
 Operator : JC/SP
 Sample : K5313-09MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW3202MS

Quant Time: Oct 11 23:30:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 11 09:48:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	160530	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	273686	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	249290	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	117879	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	105719	52.69	ug/l	0.00
Spiked Amount			Recovery	=	105.38%	
35) Dibromofluoromethane	5.49	113	84630	53.88	ug/l	0.00
Spiked Amount			Recovery	=	107.76%	
50) Toluene-d8	8.71	98	317227	51.78	ug/l	0.00
Spiked Amount			Recovery	=	103.56%	
62) 4-Bromofluorobenzene	11.13	95	124982	52.50	ug/l	0.00
Spiked Amount			Recovery	=	105.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	71806	43.883	ug/l	99
3) Chloromethane	1.32	50	90457	50.795	ug/l	98
4) Vinyl Chloride	1.40	62	118784	64.624	ug/l	98
5) Bromomethane	1.63	94	34347	44.953	ug/l	95
6) Chloroethane	1.71	64	57183	50.924	ug/l	99
7) Trichlorofluoromethane	1.92	101	122604	49.420	ug/l	100
8) Diethyl Ether	2.18	74	52608	52.536	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	72451	45.124	ug/l	99
10) Methyl Iodide	2.50	142	95450	52.223	ug/l	99
11) Tert butyl alcohol	3.03	59	115354	216.878	ug/l	100
12) 1,1-Dichloroethene	2.36	96	82147	50.638	ug/l	97
13) Acrolein	2.28	56	98845	261.504	ug/l	99
14) Allyl chloride	2.72	41	146182	50.600	ug/l	98
15) Acrylonitrile	3.13	53	276686	274.501	ug/l	98
16) Acetone	2.44	43	227183	214.813	ug/l	100
17) Carbon Disulfide	2.56	76	213900	46.242	ug/l	100
18) Methyl Acetate	2.76	43	122008	48.672	ug/l	97
19) Methyl tert-butyl Ether	3.19	73	304076	54.278	ug/l #	54
20) Methylene Chloride	2.84	84	98050	50.447	ug/l #	88
21) trans-1,2-Dichloroethene	3.16	96	91721	52.751	ug/l	97
22) Diisopropyl ether	3.84	45	298095	53.848	ug/l	91
23) Vinyl Acetate	3.80	43	1255369	262.689	ug/l	100
24) 1,1-Dichloroethane	3.69	63	165407	53.112	ug/l	99
25) 2-Butanone	4.66	43	368547	251.182	ug/l	100
26) 2,2-Dichloropropane	4.58	77	117129	44.725	ug/l	95
27) cis-1,2-Dichloroethene	4.58	96	171819	85.729	ug/l	95
28) Bromochloromethane	5.00	49	48959	52.627	ug/l	98
29) Tetrahydrofuran	5.12	42	238673	264.342	ug/l	98
30) Chloroform	5.20	83	169092	52.915	ug/l	98
31) Cyclohexane	5.57	56	482209	165.587	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	144727	53.452	ug/l	98
36) 1,1-Dichloropropene	5.79	75	122681	50.984	ug/l	98
37) Ethyl Acetate	4.82	43	142317	52.893	ug/l	99
38) Carbon Tetrachloride	5.78	117	120709	51.538	ug/l	100

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 Quant Title : SW846 8260
 QLast Update : Fri Oct 11 09:48:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	432028	148.049	ug/l	98
40) Benzene	6.14	78	630997	88.786	ug/l	98
41) Methacrylonitrile	5.03	41	78655	53.200	ug/l	99
42) 1,2-Dichloroethane	6.18	62	139169	54.572	ug/l	99
43) Isopropyl Acetate	6.43	43	232625	53.866	ug/l	100
44) Trichloroethene	7.21	130	100209	50.848	ug/l	95
45) 1,2-Dichloropropane	7.51	63	100300	55.374	ug/l	99
46) Dibromomethane	7.65	93	66255	54.901	ug/l	99
47) Bromodichloromethane	7.89	83	128828	54.702	ug/l	99
48) Methyl methacrylate	7.76	41	125161	59.473	ug/l	90
49) 1,4-Dioxane	7.73	88	48647	866.246	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	730890	271.449	ug/l	100
52) Toluene	8.78	92	331195	72.843	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	140083	47.764	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	150369	51.913	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	96870	53.837	ug/l	98
56) Ethyl methacrylate	9.17	69	166691	51.671	ug/l	97
57) 1,3-Dichloropropane	9.37	76	165403	53.141	ug/l	99
59) 2-Hexanone	9.49	43	548931	261.897	ug/l	99
60) Dibromochloromethane	9.58	129	98502	49.223	ug/l	100
61) 1,2-Dibromoethane	9.67	107	103440	54.649	ug/l	99
64) Tetrachloroethene	9.33	164	81160	46.938	ug/l	96
65) Chlorobenzene	10.14	112	256081	51.728	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	92617	53.958	ug/l	99
67) Ethyl Benzene	10.25	91	868414	98.756	ug/l	99
68) m/p-Xylenes	10.35	106	728261	221.686	ug/l	99
69) o-Xylene	10.70	106	189772	59.238	ug/l	98
70) Styrene	10.71	104	296300	54.406	ug/l	99
71) Bromoform	10.85	173	67904	46.661	ug/l #	99
73) Isopropylbenzene	11.01	105	583066	67.277	ug/l	100
74) N-amyl acetate	10.89	43	196210	52.567	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	154494	53.596	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	174315	66.671	ug/l	76
77) Bromobenzene	11.25	156	105045	51.435	ug/l	98
78) n-propylbenzene	11.35	91	682719	71.590	ug/l	100
79) 2-Chlorotoluene	11.42	91	359573	59.995	ug/l	92
80) 1,3,5-Trimethylbenzene	11.50	105	604487	83.531	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	43363	43.249	ug/l	98
82) 4-Chlorotoluene	11.51	91	379325	55.218	ug/l	95
83) tert-Butylbenzene	11.77	119	375811	53.236	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	920000	125.526	ug/l	98
85) sec-Butylbenzene	11.94	105	481444	58.867	ug/l	99
86) p-Isopropyltoluene	12.06	119	419887	55.356	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	190923	50.342	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	191071	49.746	ug/l	100
89) n-Butylbenzene	12.39	91	384127	60.255	ug/l	95
90) Hexachloroethane	12.59	117	72333	51.425	ug/l	91
91) 1,2-Dichlorobenzene	12.39	146	190770	51.309	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	37429	55.399	ug/l	97
93) 1,2,4-Trichlorobenzene	13.64	180	123655	53.092	ug/l	98

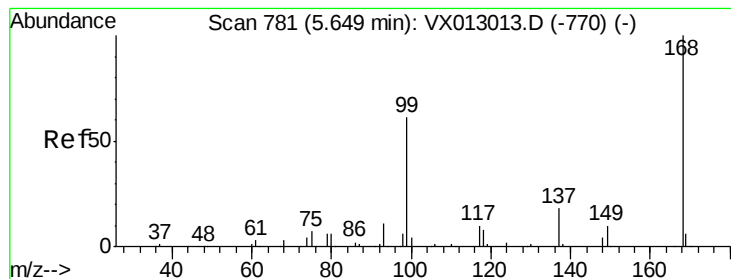
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	52653	48.985	ug/l	99
95) Naphthalene	13.83	128	499496	61.867	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	125836	52.283	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX013030.D

Acq: 11 Oct 2019 20:36

Instrument :

MSVOA_X

ClientSampleId :

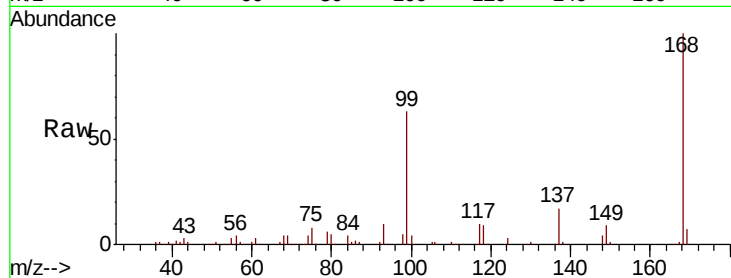
FA19-JMW3202MS

Tot Ion:168 Resp: 160530

Ion Ratio Lower Upper

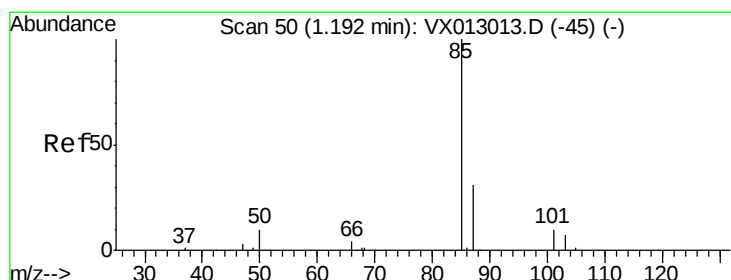
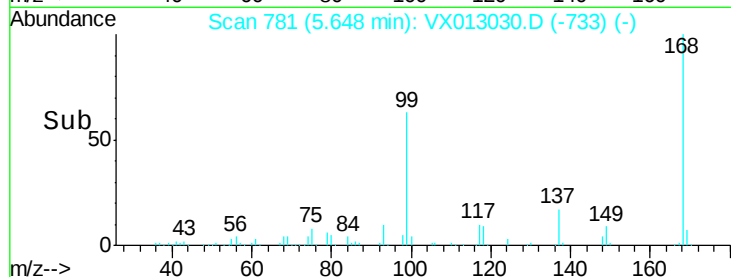
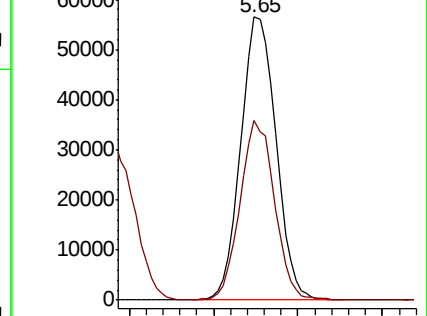
168 100

99 63.0 49.4 74.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 43.883 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.01 min

Lab File: VX013030.D

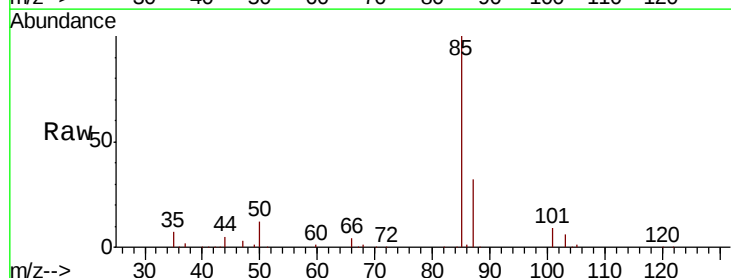
Acq: 11 Oct 2019 20:36

Tgt Ion: 85 Resp: 71806

Ion Ratio Lower Upper

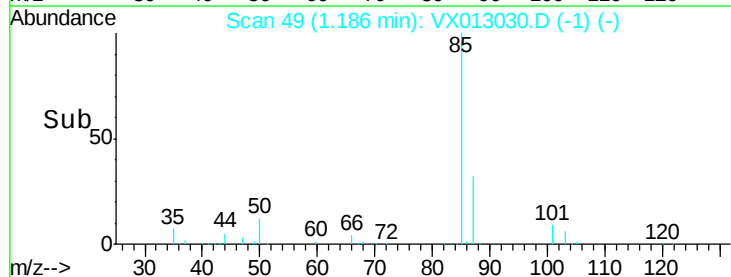
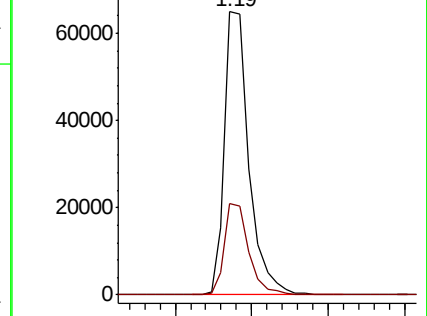
85 100

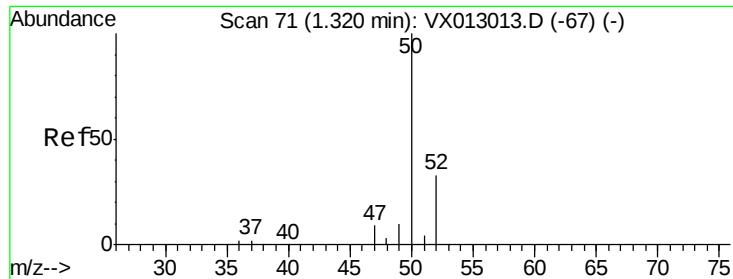
87 32.2 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 50.795 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX013030.D

Acq: 11 Oct 2019 20:36

Instrument :

MSVOA_X

ClientSampleId :

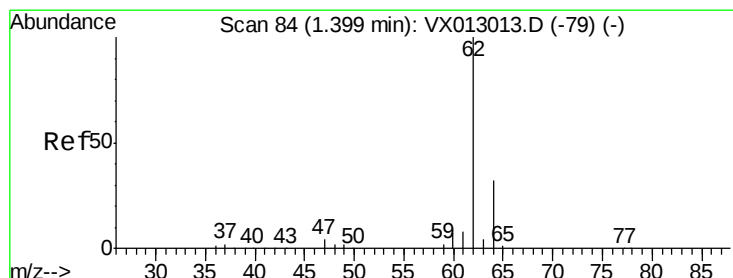
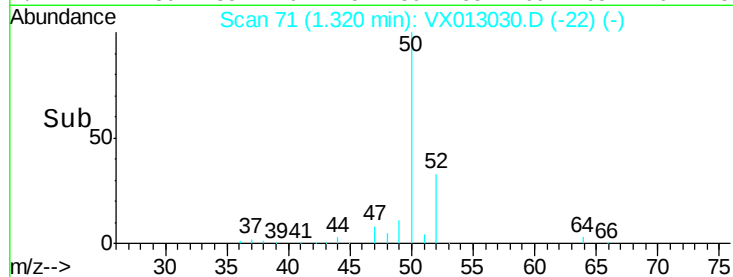
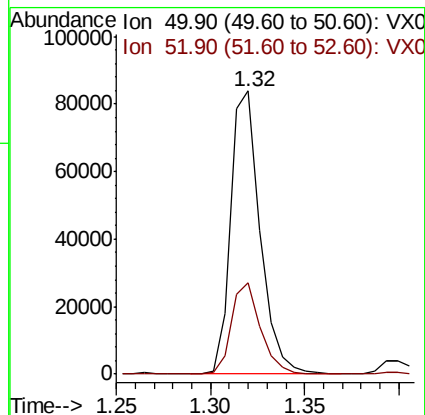
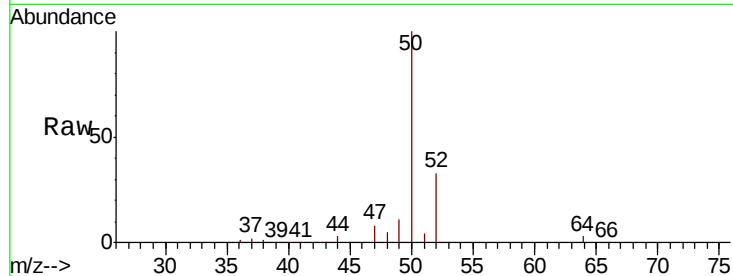
FA19-JMW3202MS

Tot Ion: 50 Resp: 90457

Ion Ratio Lower Upper

50 100

52 32.5 25.2 37.8



#4

Vinyl Chloride

Concen: 64.624 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013030.D

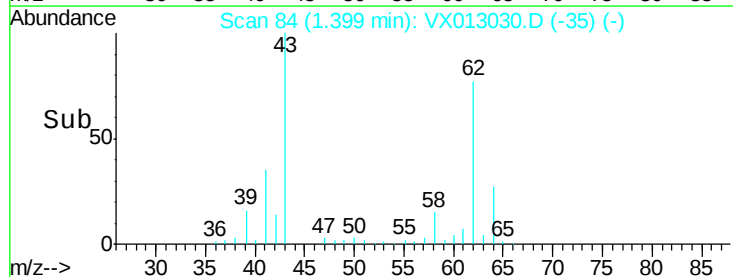
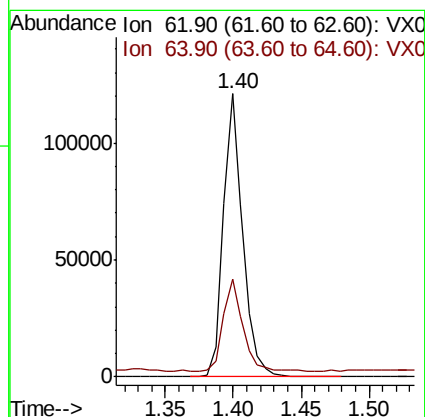
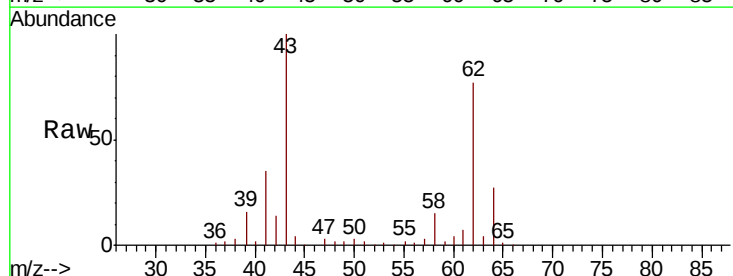
Acq: 11 Oct 2019 20:36

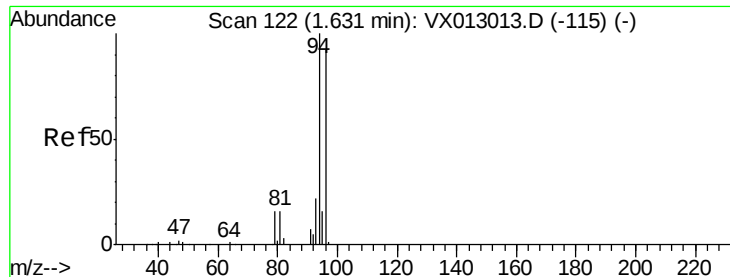
Tgt Ion: 62 Resp: 118784

Ion Ratio Lower Upper

62 100

64 32.5 25.3 37.9





#5

Bromomethane

Concen: 44.953 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013030.D

Acq: 11 Oct 2019 20:36

Instrument :

MSVOA_X

ClientSampleId :

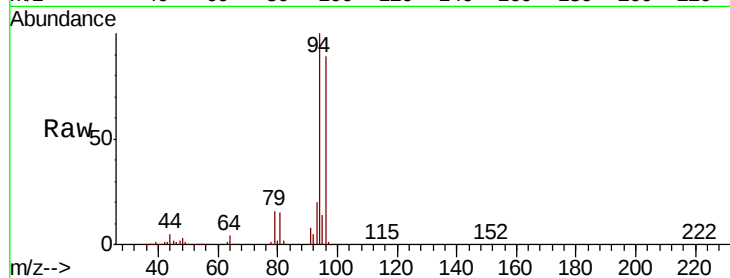
FA19-JMW3202MS

Tot Ion: 94 Resp: 34347

Ion Ratio Lower Upper

94 100

96 88.6 74.7 112.1



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

40000

30000

20000

10000

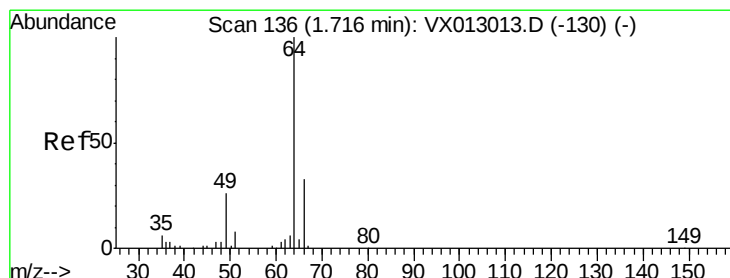
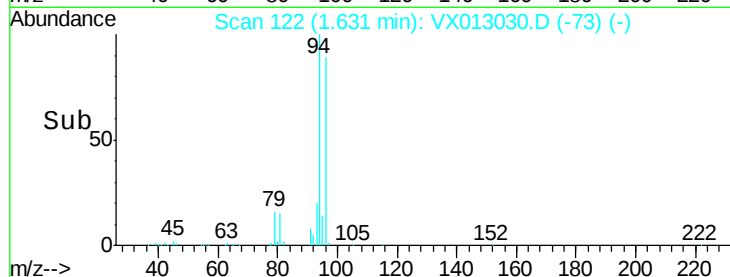
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Time-->

1.60

1.65

1.70



#6

Chloroethane

Concen: 50.924 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX013030.D

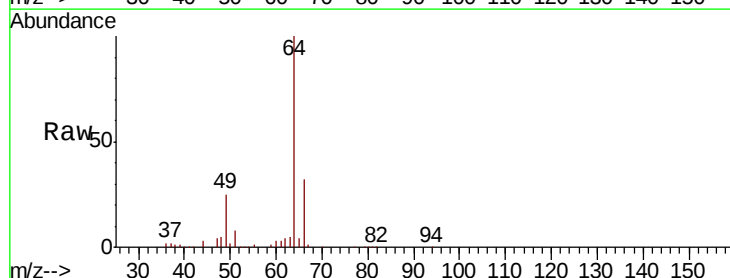
Acq: 11 Oct 2019 20:36

Tgt Ion: 64 Resp: 57183

Ion Ratio Lower Upper

64 100

66 32.7 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

50000

40000

30000

20000

10000

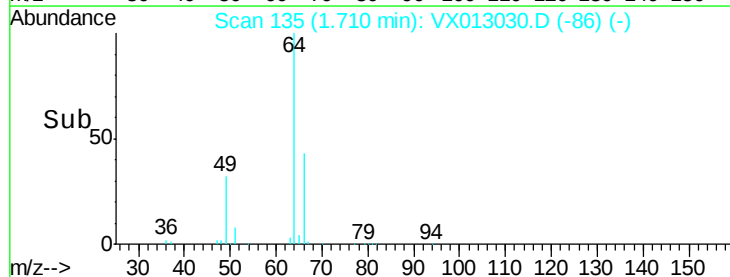
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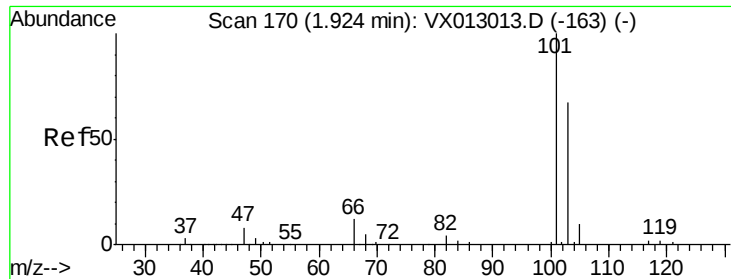
Time-->

1.60

1.70

1.80



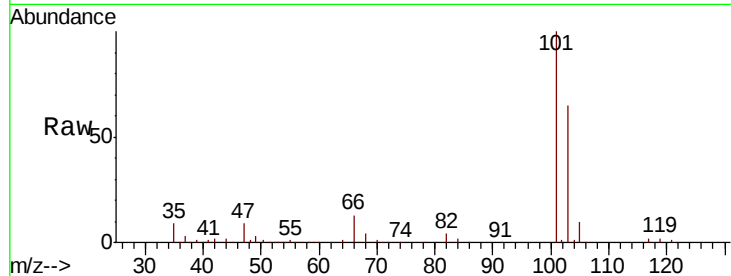


#7

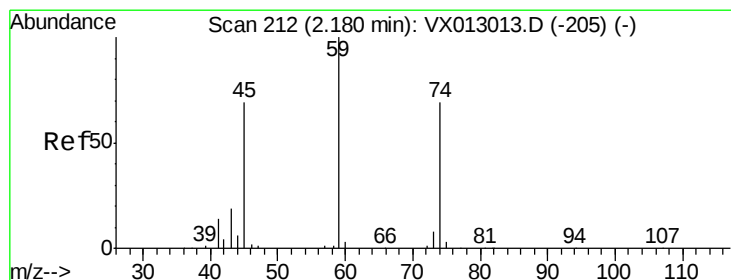
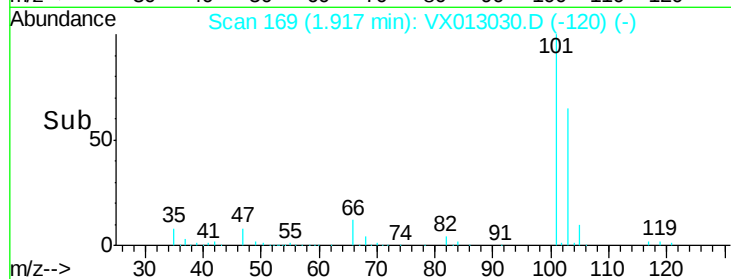
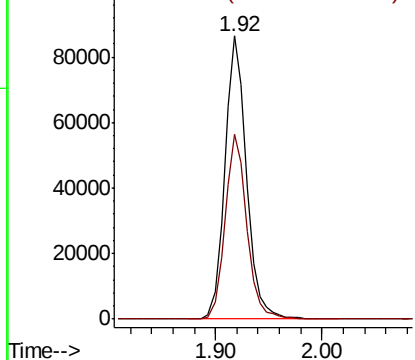
Trichlorofluoromethane
Concen: 49.420 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX013030.D
Acq: 11 Oct 2019 20:36

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW3202MS

Tot Ion:101 Resp: 122604
Ion Ratio Lower Upper
101 100
103 65.3 52.5 78.7



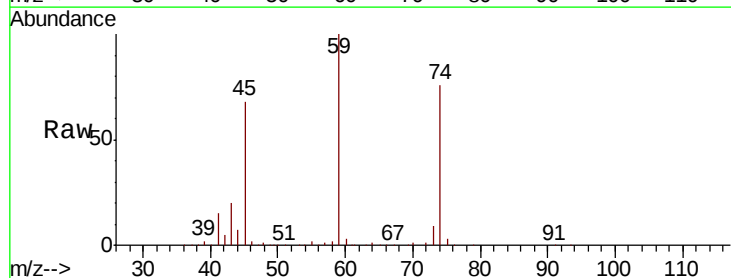
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



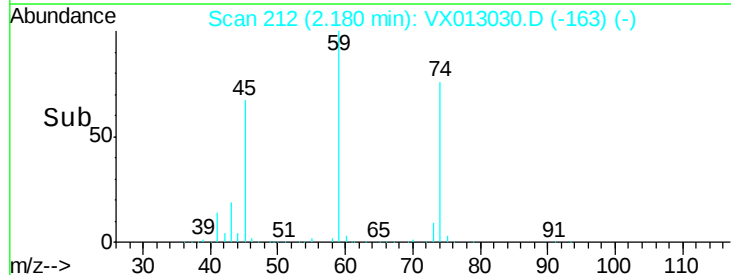
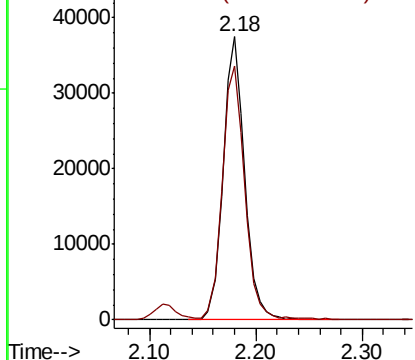
#8

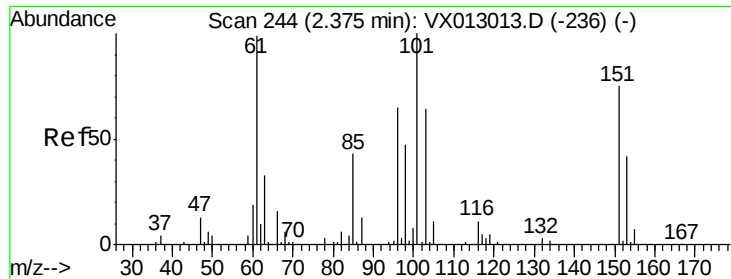
Diethyl Ether
Concen: 52.536 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX013030.D
Acq: 11 Oct 2019 20:36

Tgt Ion: 74 Resp: 52608
Ion Ratio Lower Upper
74 100
45 93.0 47.8 143.4



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.124 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX013030.D

Acq: 11 Oct 2019 20:36

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW3202MS

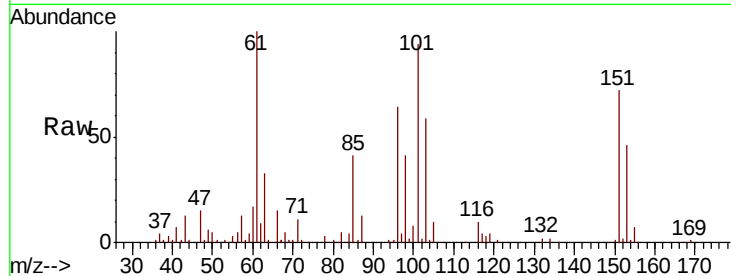
Tot Ion:101 Resp: 72451

Ion Ratio Lower Upper

101 100

85 43.6 35.2 52.8

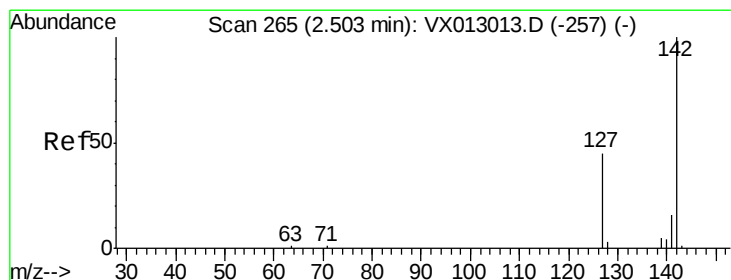
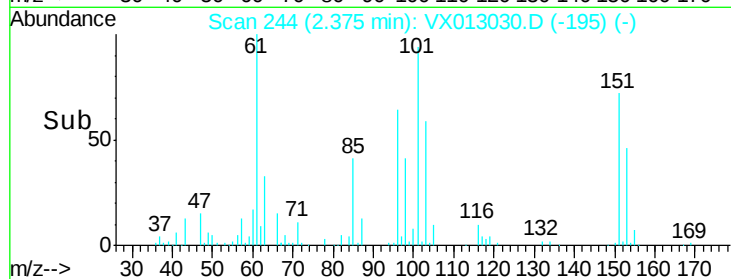
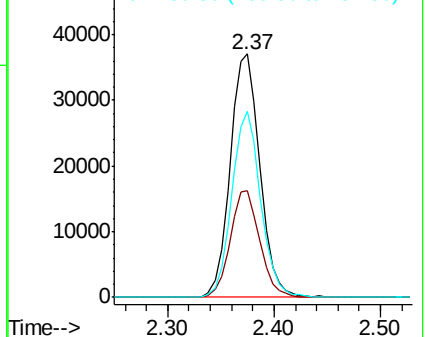
151 74.5 60.3 90.5



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: 52.223 ug/l

RT: 2.50 min Scan# 264

Delta R.T. -0.01 min

Lab File: VX013030.D

Acq: 11 Oct 2019 20:36

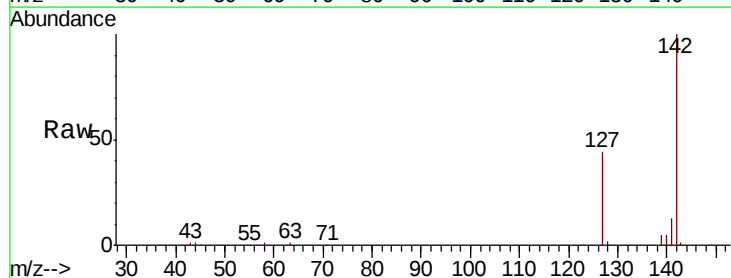
Tgt Ion:142 Resp: 95450

Ion Ratio Lower Upper

142 100

127 44.0 34.9 52.3

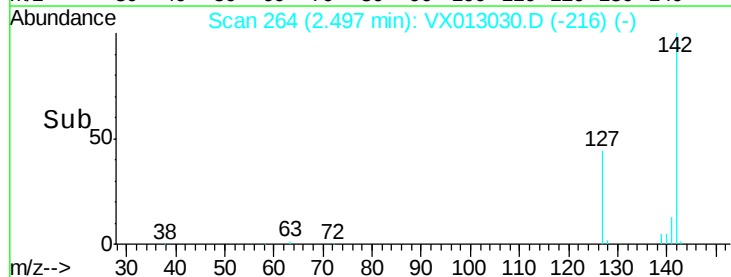
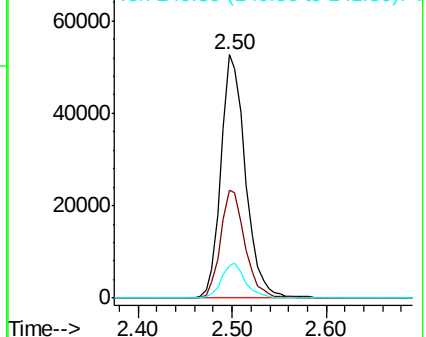
141 13.8 11.6 17.4

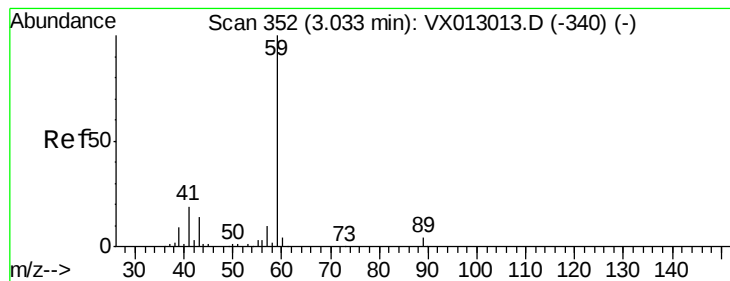


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



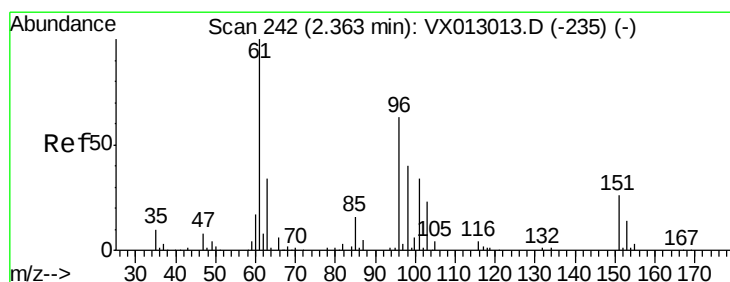
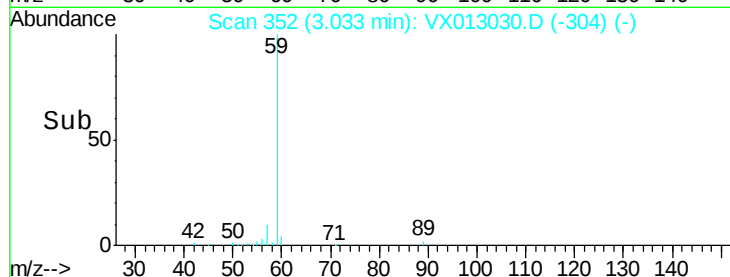
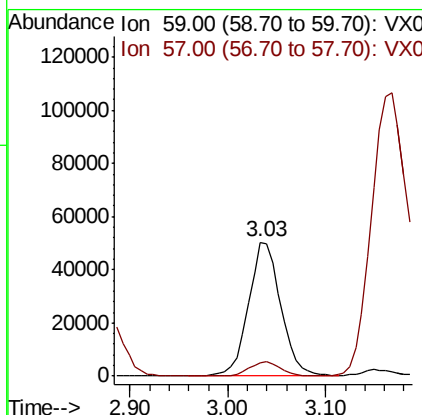
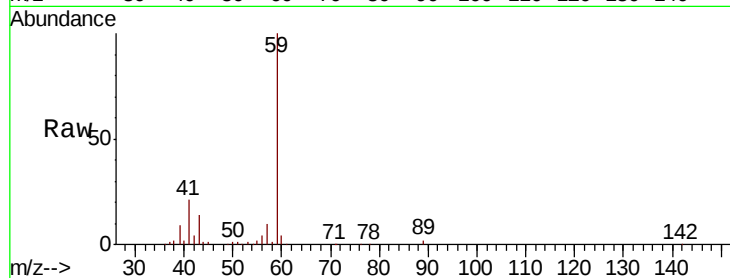


#11

Tert butyl alcohol
Concen: 216.878 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX013030.D
Acq: 11 Oct 2019 20:36

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW3202MS

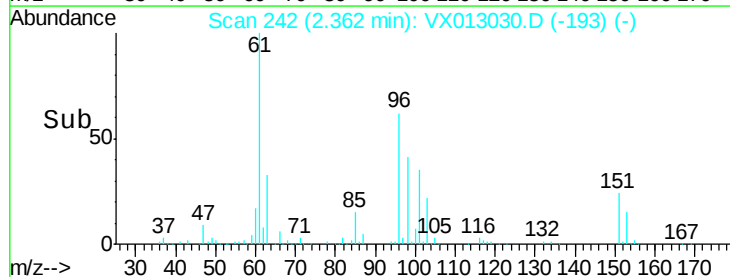
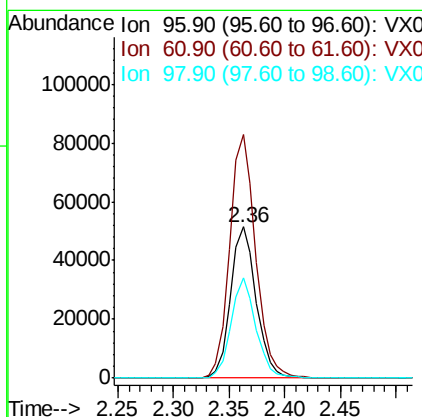
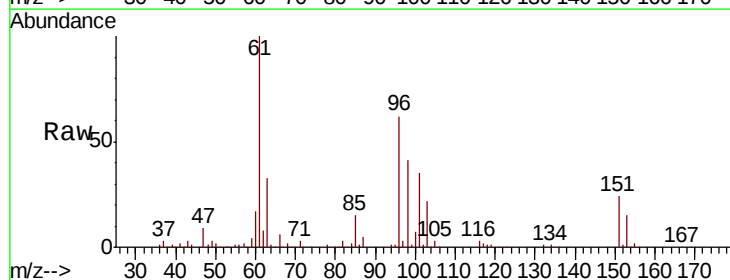
Tot Ion: 59 Resp: 115354
Ion Ratio Lower Upper
59 100
57 10.5 8.3 12.5

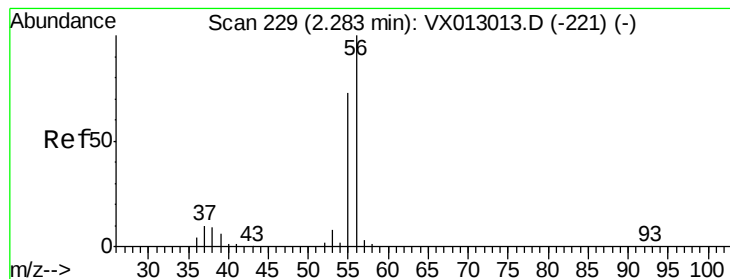


#12

1,1-Dichloroethene
Concen: 50.638 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX013030.D
Acq: 11 Oct 2019 20:36

Tgt Ion: 96 Resp: 82147
Ion Ratio Lower Upper
96 100
61 161.1 132.2 198.4
98 66.2 50.5 75.7





#13

Acrolein

Concen: 261.504 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX013030.D

Acq: 11 Oct 2019 20:36

Instrument :

MSVOA_X

ClientSampleId :

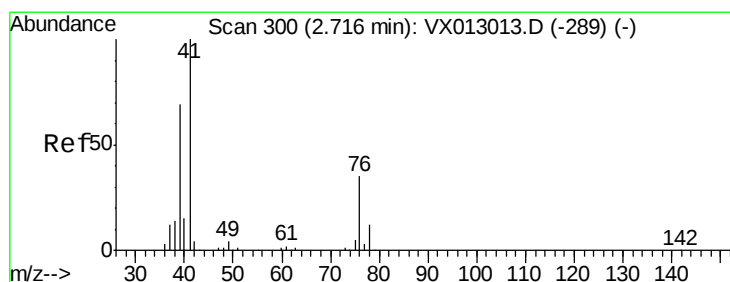
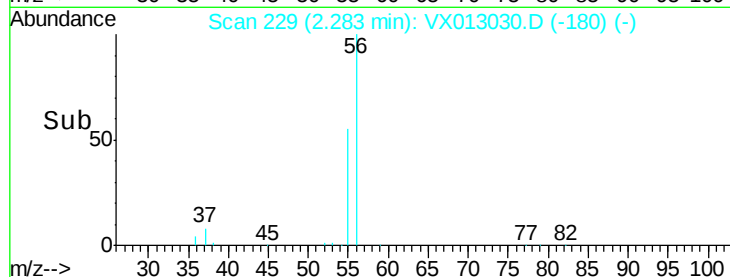
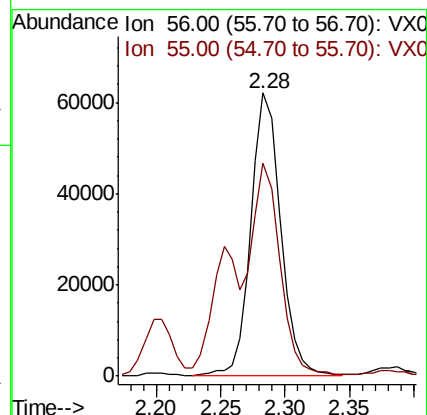
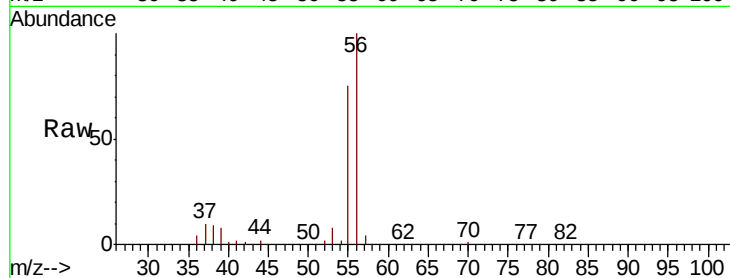
FA19-JMW3202MS

Tot Ion: 56 Resp: 98845

Ion Ratio Lower Upper

56 100

55 71.7 56.6 85.0



#14

Allyl chloride

Concen: 50.600 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX013030.D

Acq: 11 Oct 2019 20:36

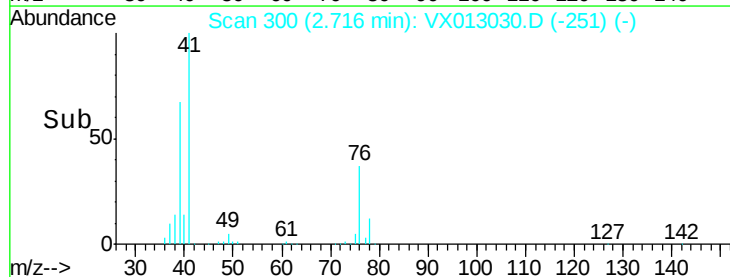
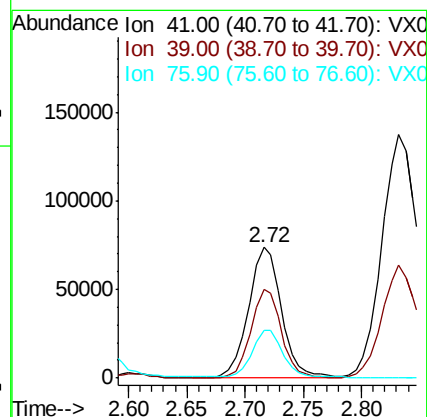
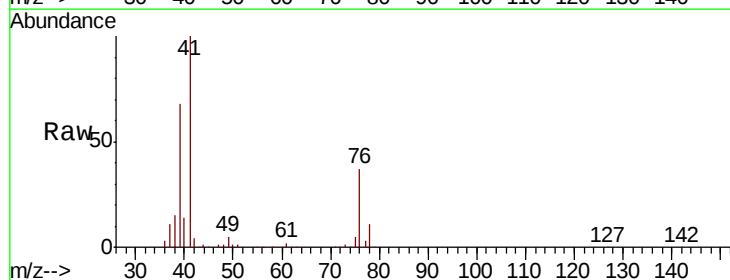
Tgt Ion: 41 Resp: 146182

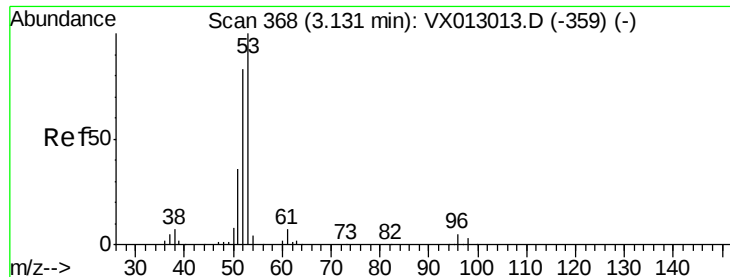
Ion Ratio Lower Upper

41 100

39 62.8 51.0 76.6

76 34.2 26.2 39.4





#15

Acrylonitrile

Concen: 274.501 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.01 min

Lab File: VX013030.D

Acq: 11 Oct 2019 20:36

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW3202MS

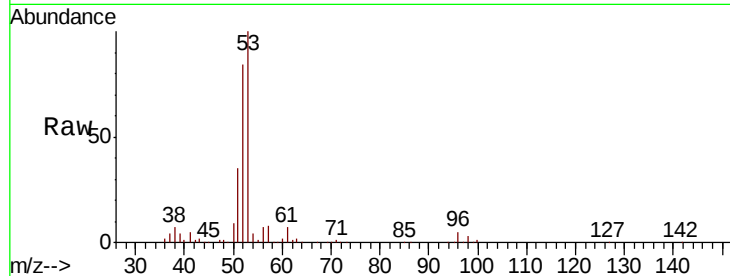
Tot Ion: 53 Resp: 276686

Ion Ratio Lower Upper

53 100

52 81.0 66.2 99.2

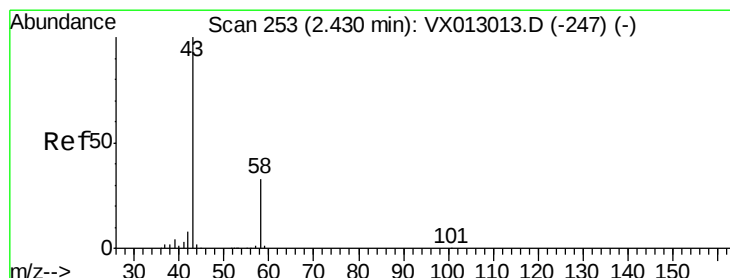
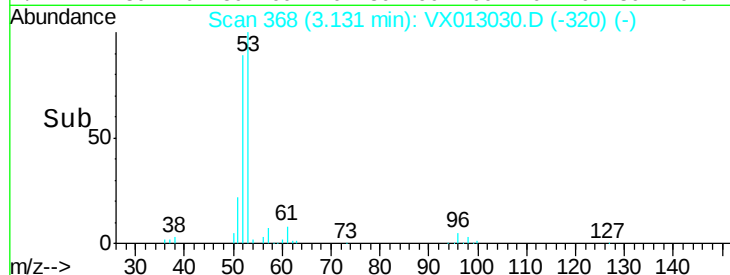
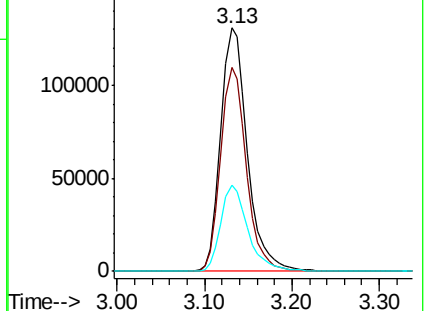
51 36.3 28.2 42.4



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: 214.813 ug/l

RT: 2.44 min Scan# 254

Delta R.T. -0.00 min

Lab File: VX013030.D

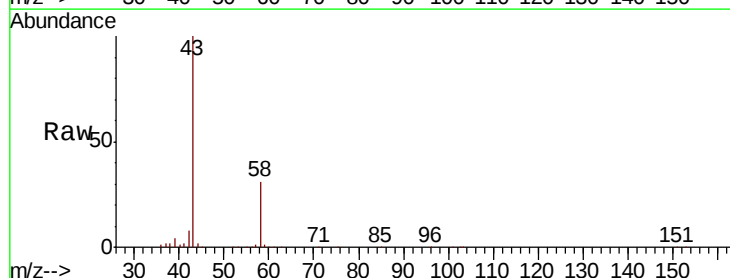
Acq: 11 Oct 2019 20:36

Tgt Ion: 43 Resp: 227183

Ion Ratio Lower Upper

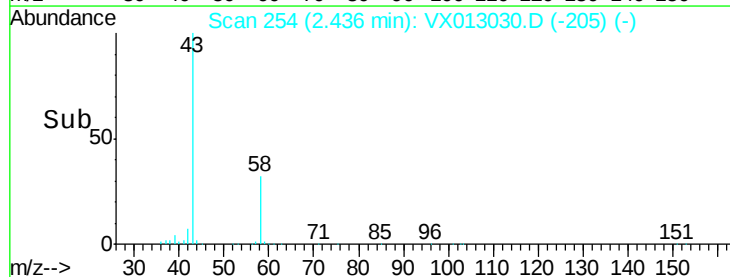
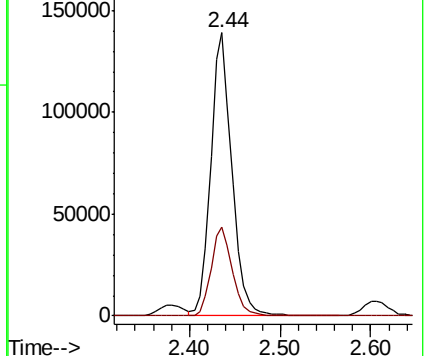
43 100

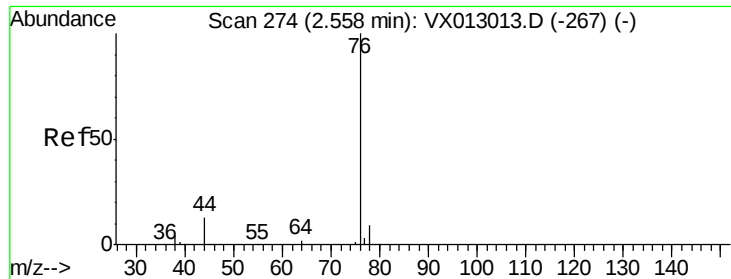
58 31.5 25.4 38.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

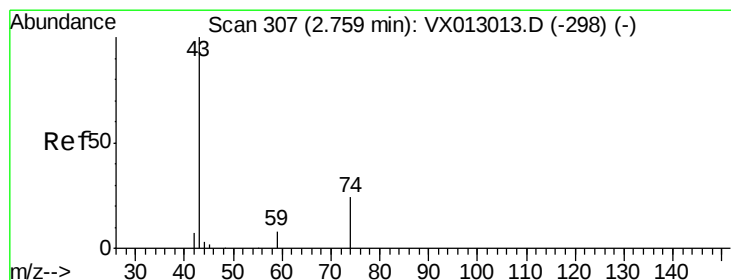
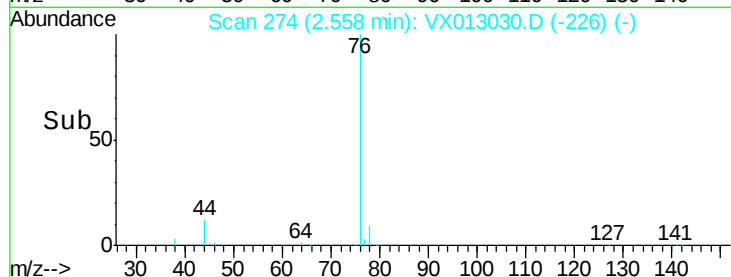
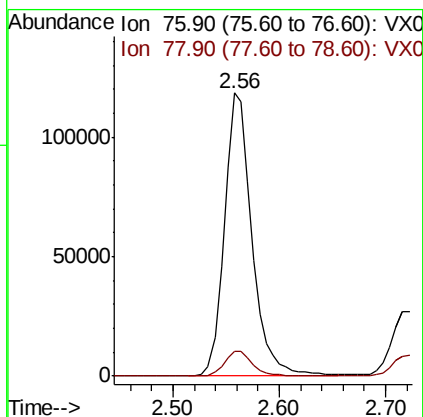
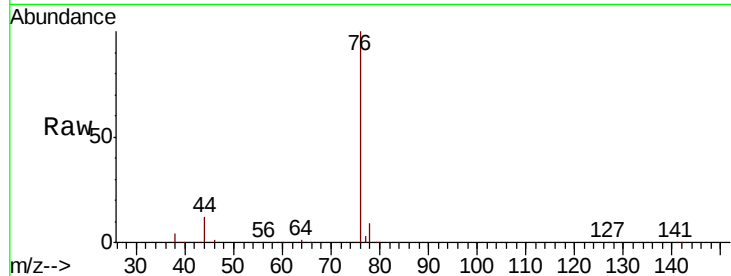




#17
Carbon Disulfide
Concen: 46.242 ug/l
RT: 2.56 min Scan# 274
Delta R.T. -0.01 min
Lab File: VX013030.D
Acq: 11 Oct 2019 20:36

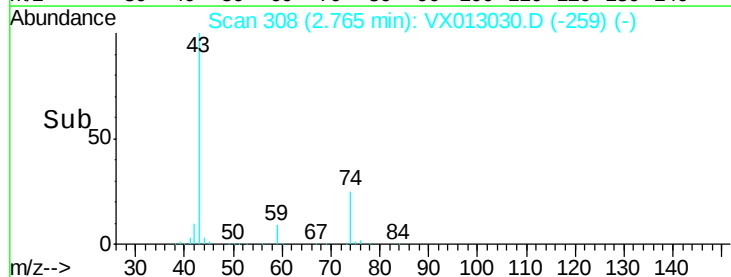
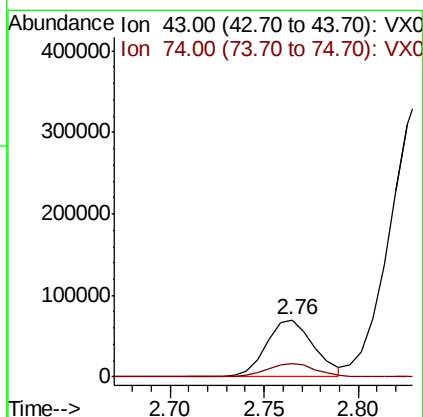
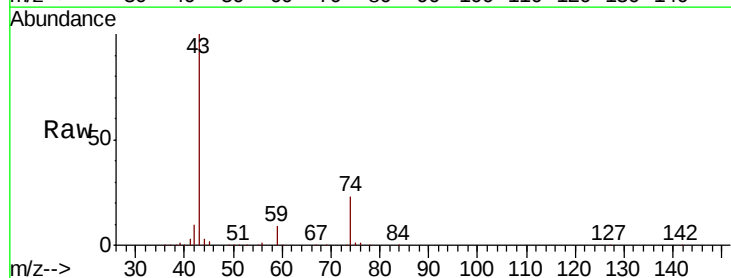
Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW3202MS

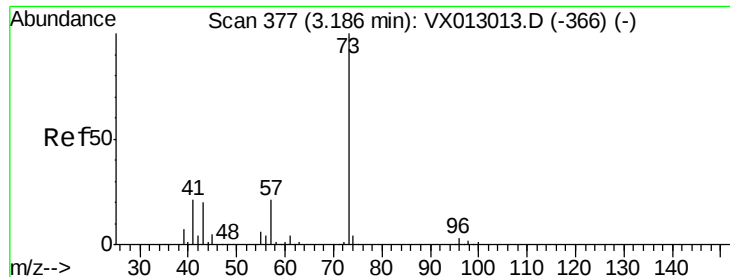
Tot Ion: 76 Resp: 213900
Ion Ratio Lower Upper
76 100
78 8.8 7.1 10.7



#18
Methyl Acetate
Concen: 48.672 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX013030.D
Acq: 11 Oct 2019 20:36

Tgt Ion: 43 Resp: 122008
Ion Ratio Lower Upper
43 100
74 25.7 19.2 28.8

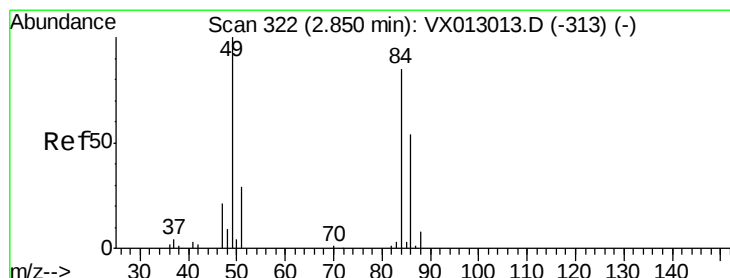
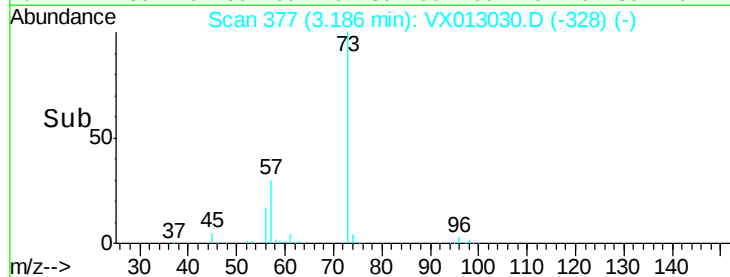
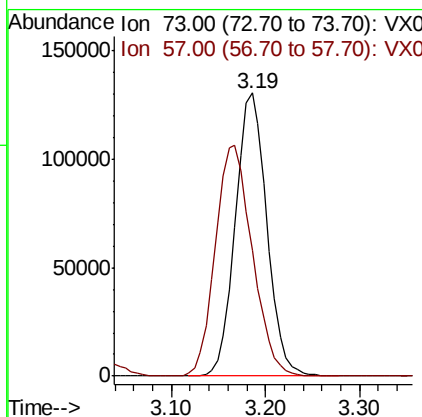
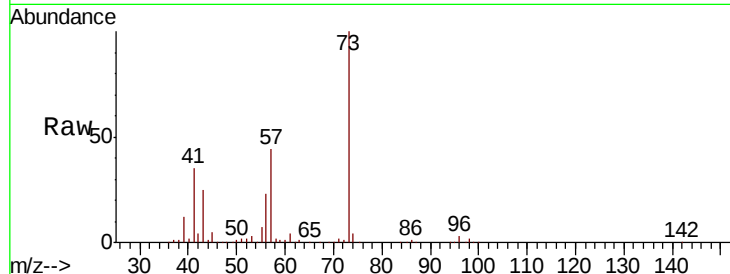




#19
Methvl tert-butvl Ether
Concen: 54.278 ug/l
RT: 3.19 min Scan# 377
Delta R.T. -0.00 min
Lab File: VX013030.D
Acq: 11 Oct 2019 20:36

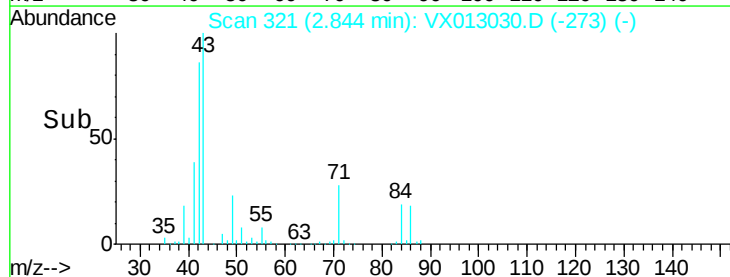
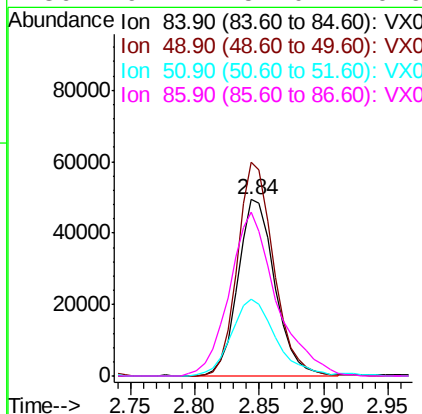
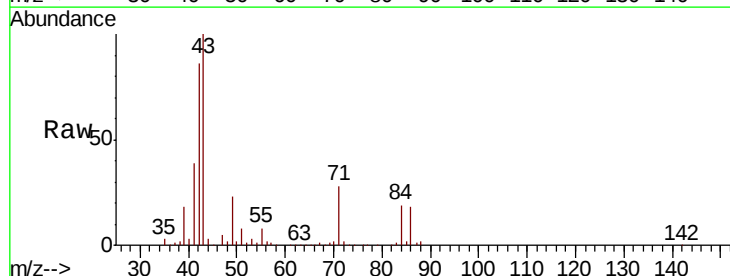
Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW3202MS

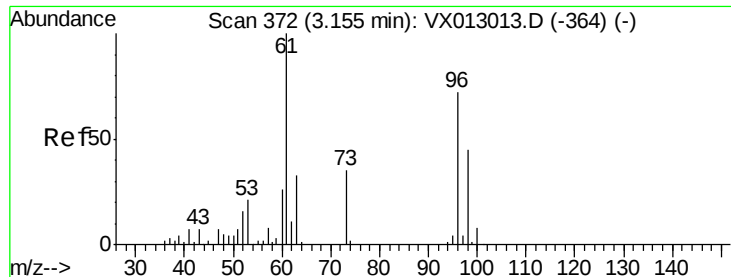
Tot Ion: 73 Resp: 304076
Ion Ratio Lower Upper
73 100
57 44.2 17.8 26.6#



#20
Methylene Chloride
Concen: 50.447 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX013030.D
Acq: 11 Oct 2019 20:36

Tgt Ion: 84 Resp: 98050
Ion Ratio Lower Upper
84 100
49 121.3 96.6 144.8
51 43.6 30.7 46.1
86 92.2 51.0 76.6#





#21

trans-1,2-Dichloroethene

Concen: 52.751 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013030.D

Acq: 11 Oct 2019 20:36

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW3202MS

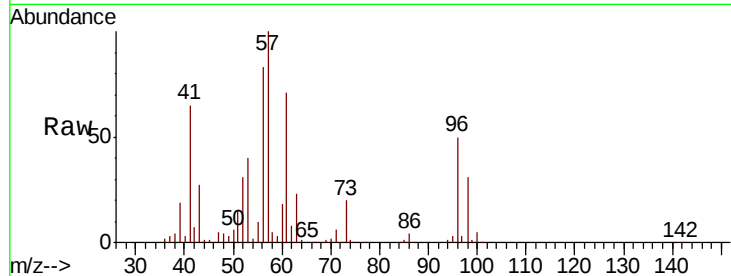
Tot Ion: 96 Resp: 91721

Ion Ratio Lower Upper

96 100

61 141.1 110.4 165.6

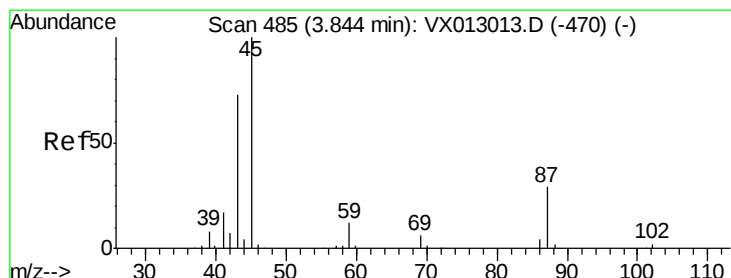
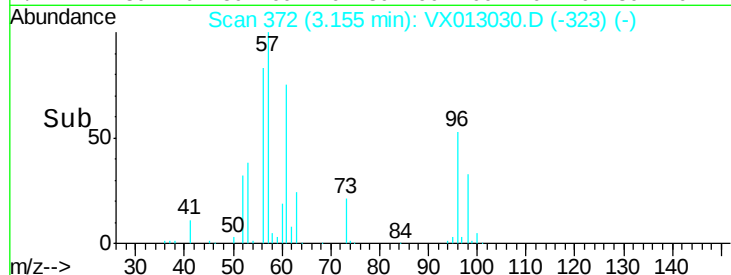
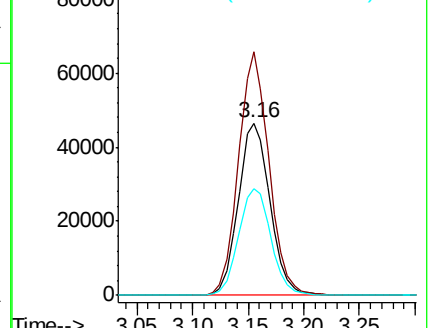
98 61.7 51.5 77.3



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 53.848 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.01 min

Lab File: VX013030.D

Acq: 11 Oct 2019 20:36

Tgt Ion: 45 Resp: 298095

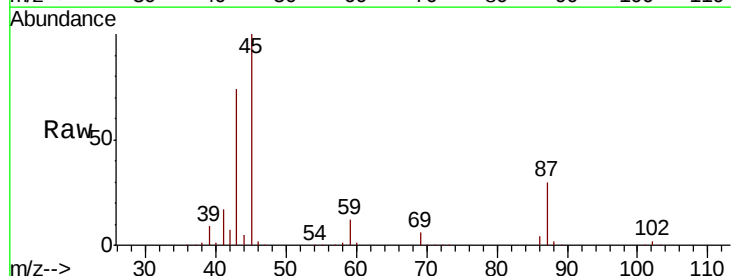
Ion Ratio Lower Upper

45 100

43 73.9 51.4 77.0

87 29.9 22.5 33.7

59 11.9 9.7 14.5

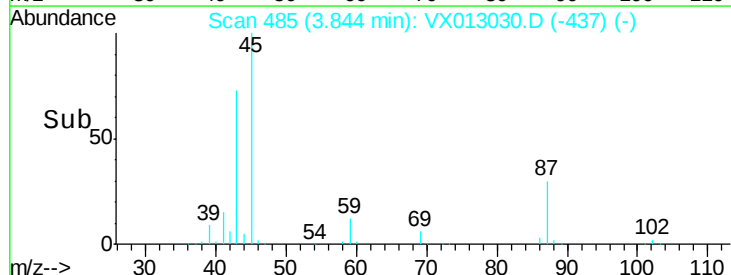
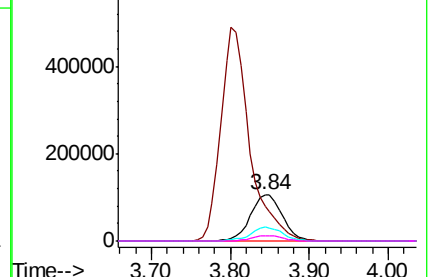


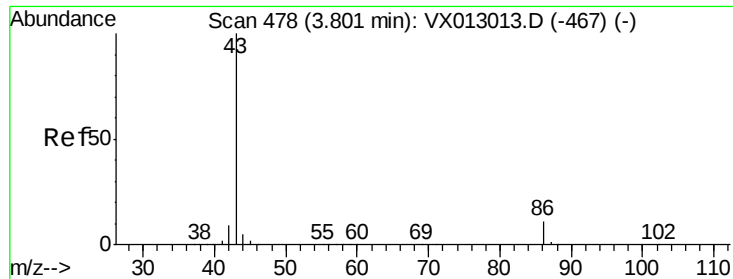
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 262.689 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX013030.D

Acq: 11 Oct 2019 20:36

Instrument :

MSVOA_X

ClientSampleId :

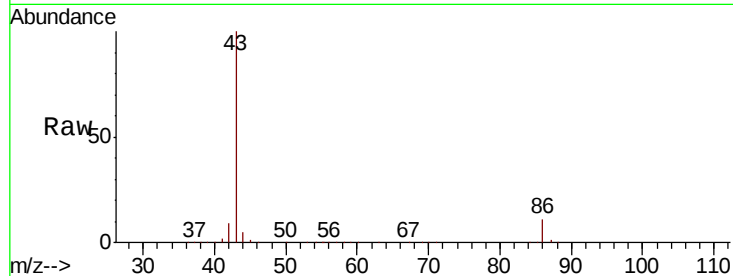
FA19-JMW3202MS

Tot Ion: 43 Resp: 1255369

Ion Ratio Lower Upper

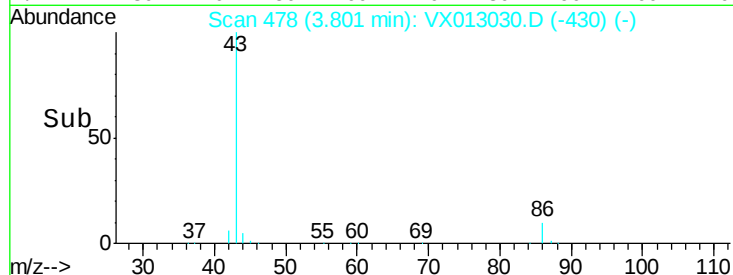
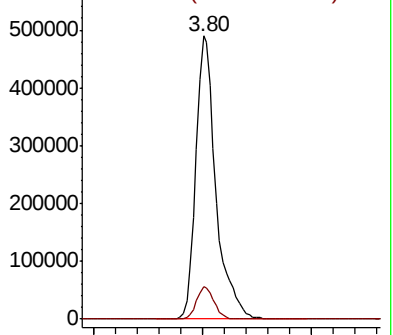
43 100

86 11.3 9.0 13.6

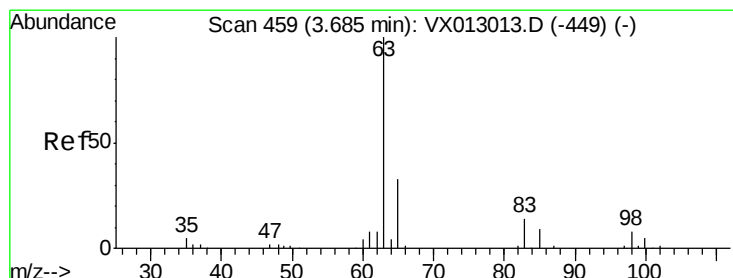


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



Time-->



#24

1,1-Dichloroethane

Concen: 53.112 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013030.D

Acq: 11 Oct 2019 20:36

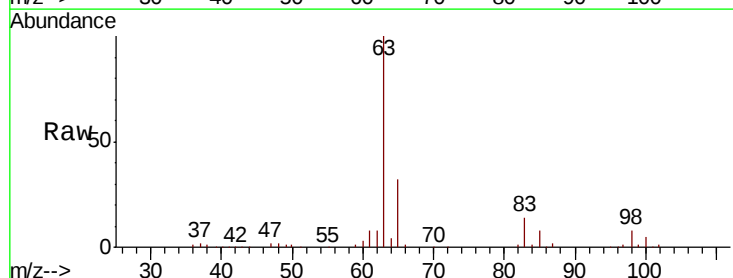
Tgt Ion: 63 Resp: 165407

Ion Ratio Lower Upper

63 100

98 7.5 3.9 11.5

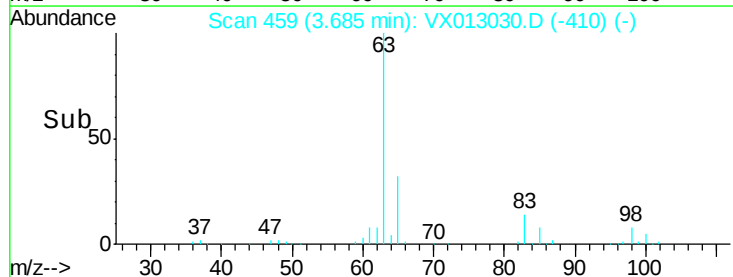
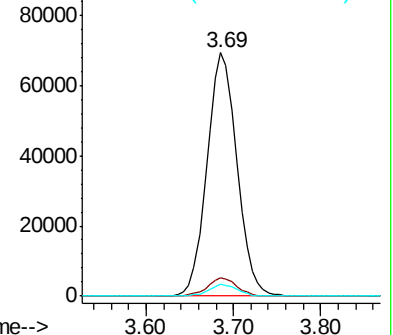
100 4.8 2.3 6.9



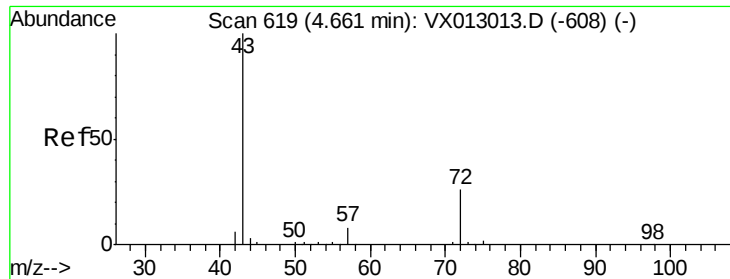
Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



Time-->



#25

2-Butanone

Concen: 251.182 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX013030.D

Acq: 11 Oct 2019 20:36

Instrument :

MSVOA_X

ClientSampleId :

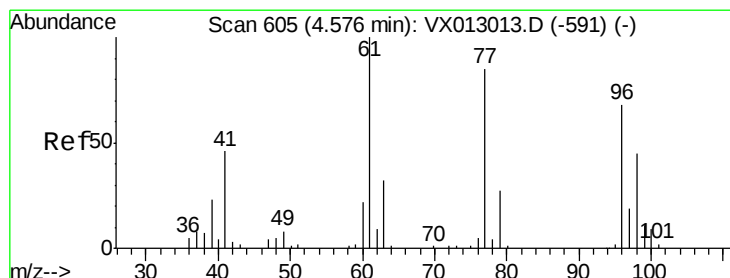
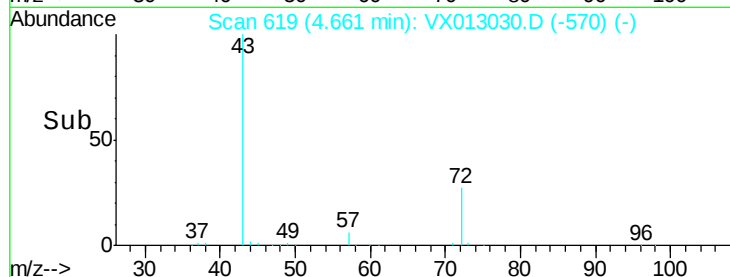
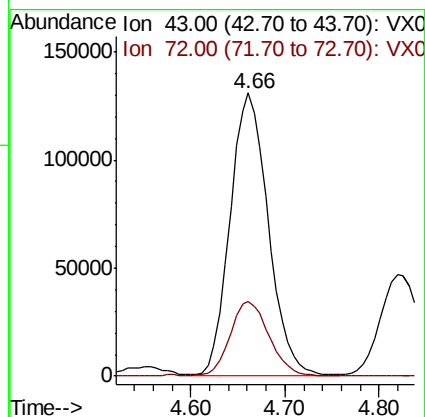
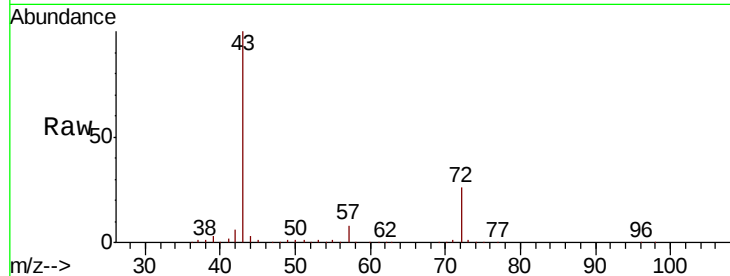
FA19-JMW3202MS

Tot Ion: 43 Resp: 368547

Ion Ratio Lower Upper

43 100

72 26.5 21.0 31.6



#26

2,2-Dichloropropane

Concen: 44.725 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX013030.D

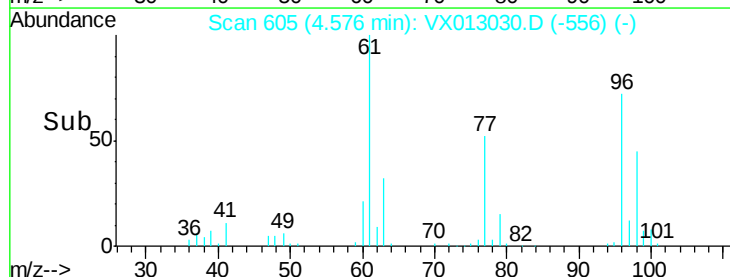
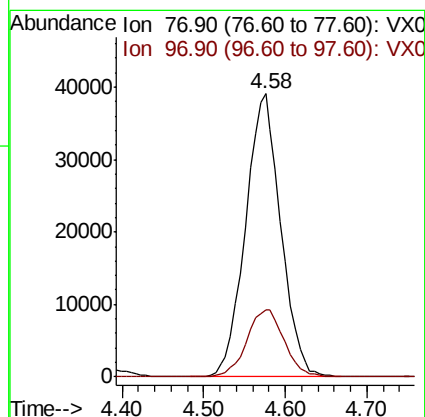
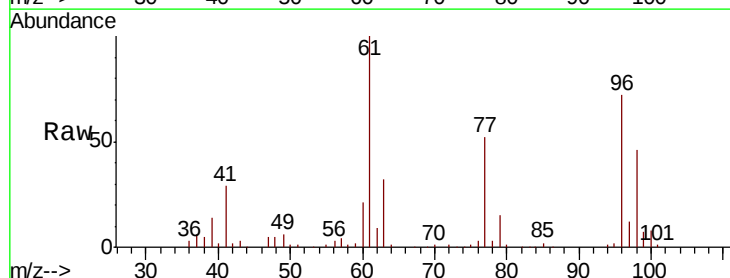
Acq: 11 Oct 2019 20:36

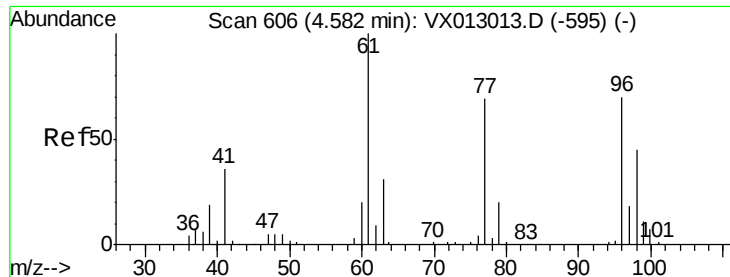
Tgt Ion: 77 Resp: 117129

Ion Ratio Lower Upper

77 100

97 25.1 11.3 33.9



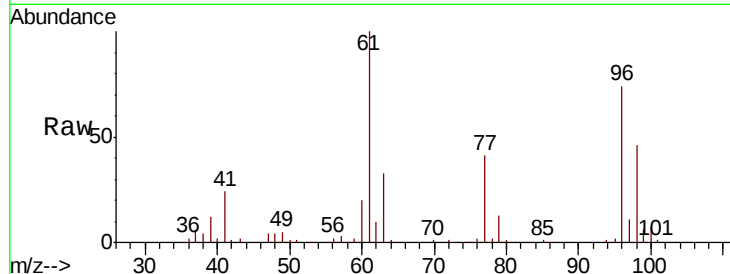


#27

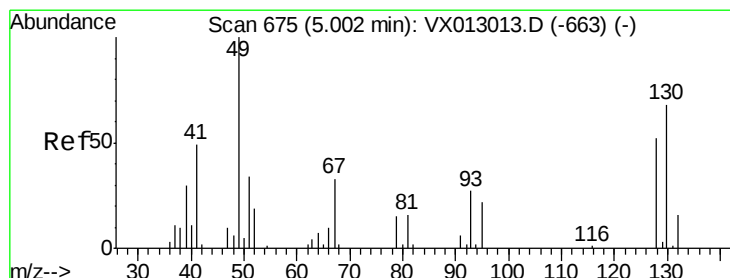
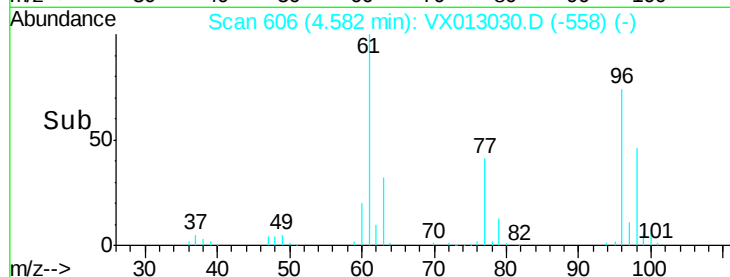
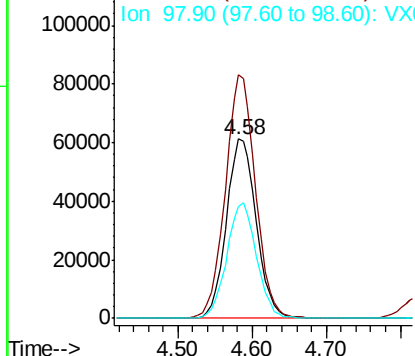
cis-1,2-Dichloroethene
Concen: 85.729 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX013030.D
Acq: 11 Oct 2019 20:36

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW3202MS

Tot Ion: 96 Resp: 171819
Ion Ratio Lower Upper
96 100
61 136.4 0.0 290.6
98 64.2 0.0 128.8



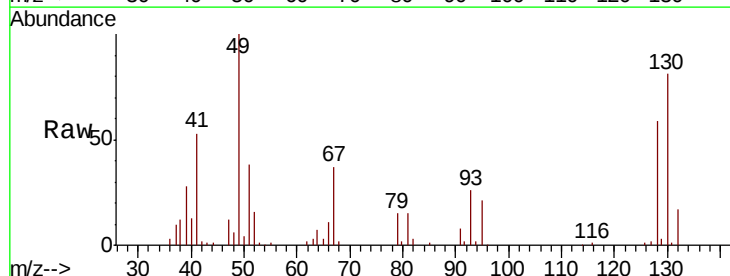
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



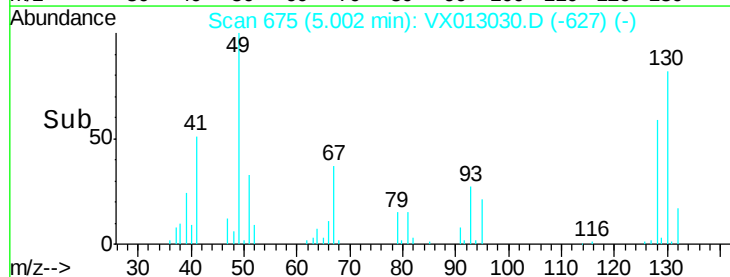
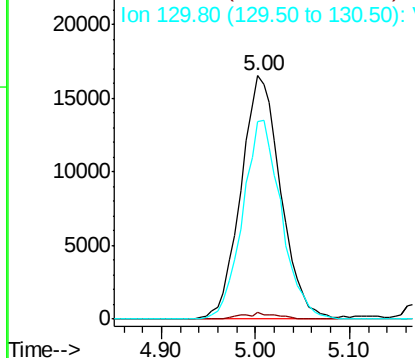
#28

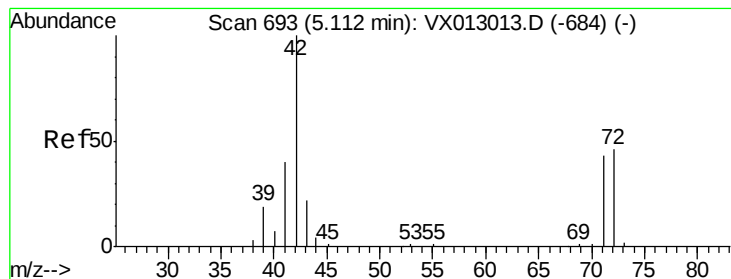
Bromochloromethane
Concen: 52.627 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX013030.D
Acq: 11 Oct 2019 20:36

Tgt Ion: 49 Resp: 48959
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.2
130 79.2 62.1 93.1



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: 264.342 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.00 min

Lab File: VX013030.D

Acq: 11 Oct 2019 20:36

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW3202MS

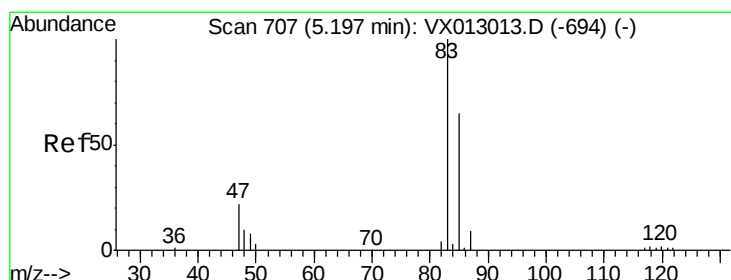
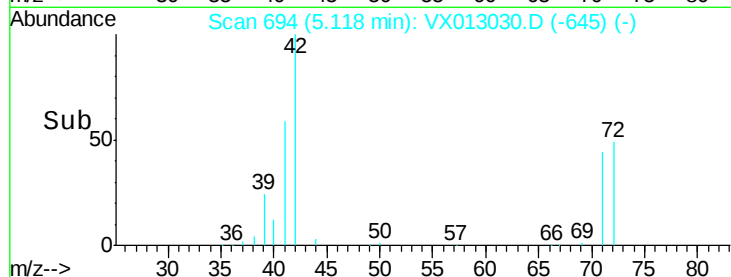
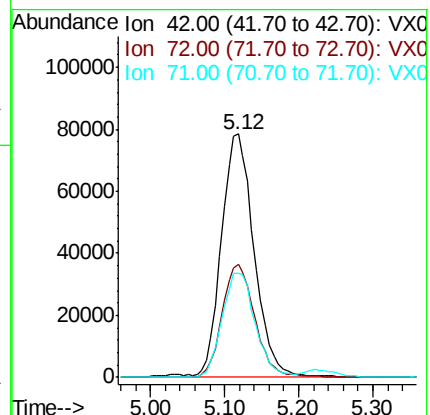
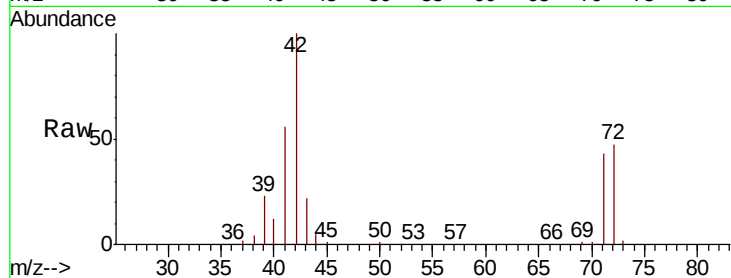
Tot Ion: 42 Resp: 238673

Ion Ratio Lower Upper

42 100

72 46.9 36.9 55.3

71 43.5 33.5 50.3



#30

Chloroform

Concen: 52.915 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.00 min

Lab File: VX013030.D

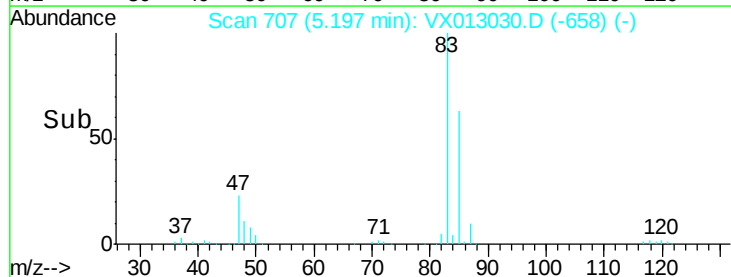
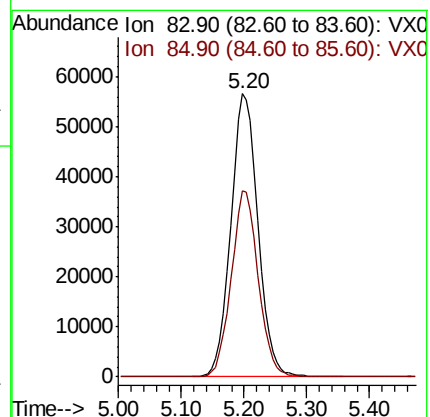
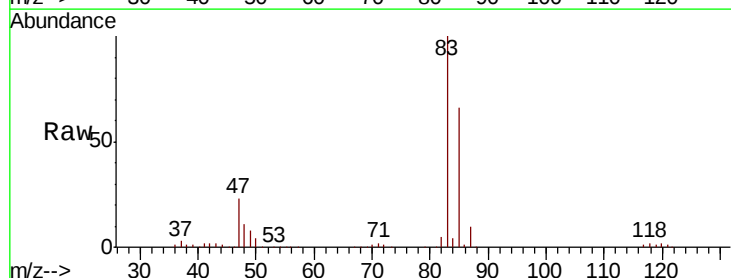
Acq: 11 Oct 2019 20:36

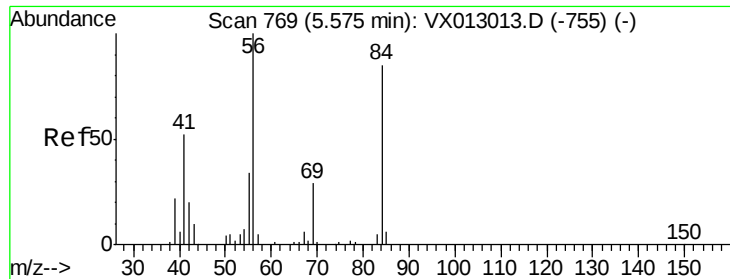
Tgt Ion: 83 Resp: 169092

Ion Ratio Lower Upper

83 100

85 65.6 51.5 77.3

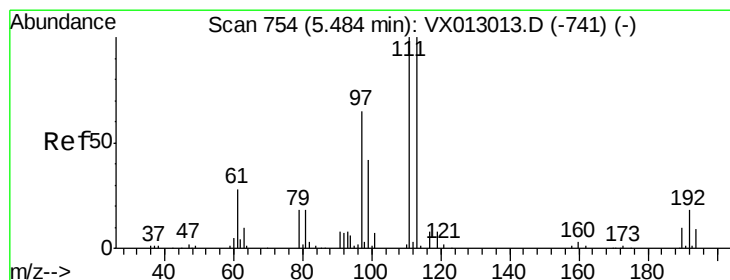
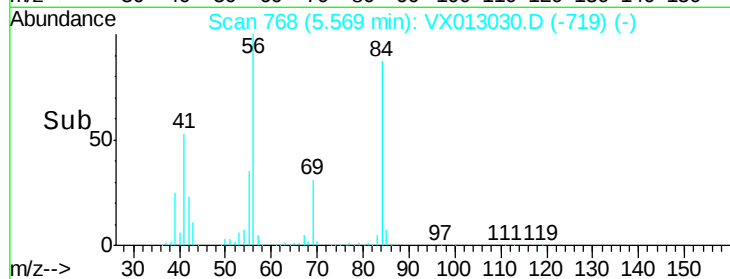
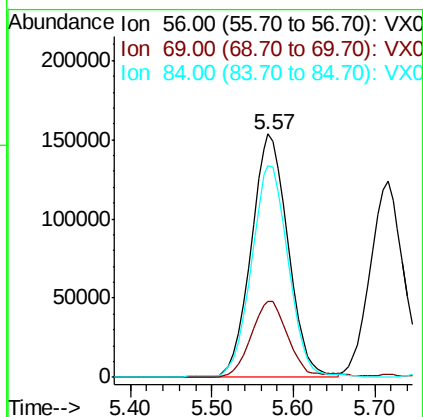
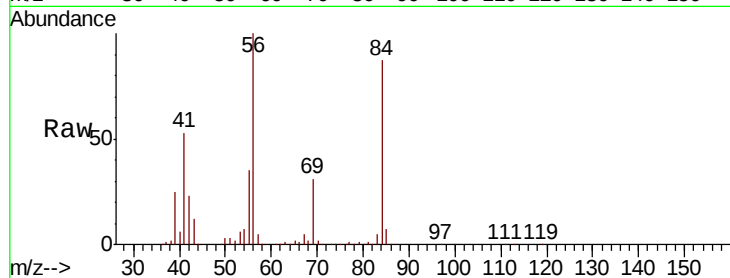




#31
Cyclohexane
Concen: 165.587 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX013030.D
Acq: 11 Oct 2019 20:36

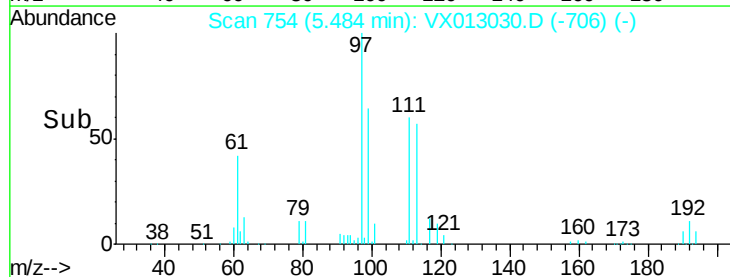
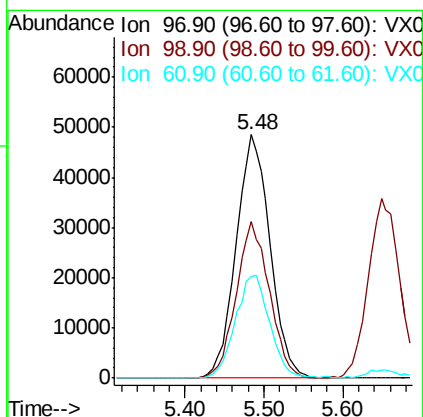
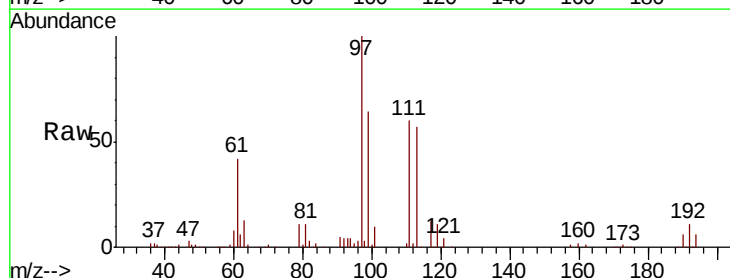
Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW3202MS

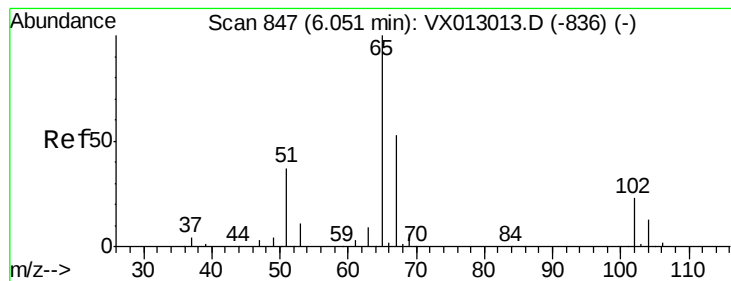
Tot Ion	Ratio	Lower	Upper
56	100		
69	31.1	25.2	37.8
84	86.5	71.3	106.9



#32
1,1,1-Trichloroethane
Concen: 53.452 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX013030.D
Acq: 11 Oct 2019 20:36

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.2	52.3	78.5
61	43.2	35.0	52.4





#33

1,2-Dichloroethane-d4

Concen: 52.690 ug/l

RT: 6.06 min Scan# 848

Delta R.T. -0.00 min

Lab File: VX013030.D

Acq: 11 Oct 2019 20:36

Instrument :

MSVOA_X

ClientSampleId :

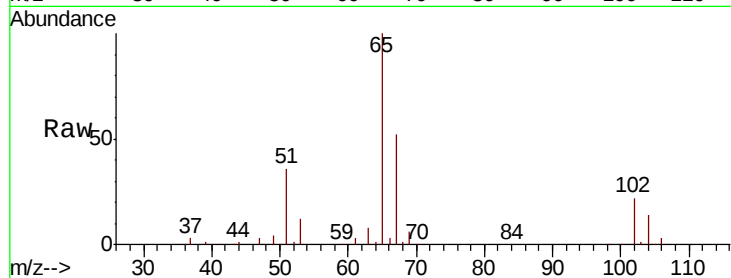
FA19-JMW3202MS

Tot Ion: 65 Resp: 105719

Ion Ratio Lower Upper

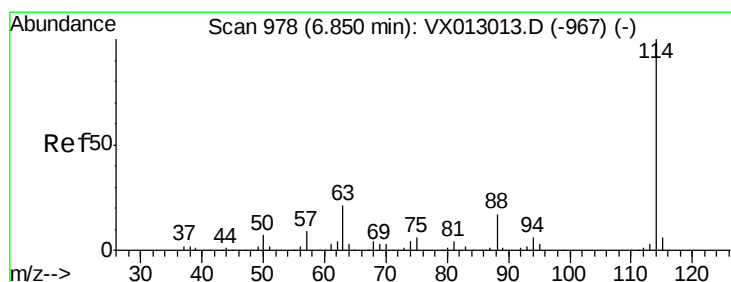
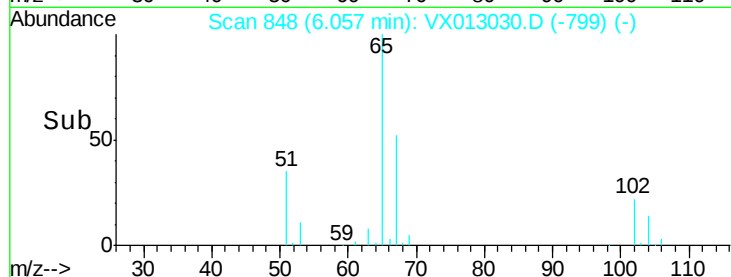
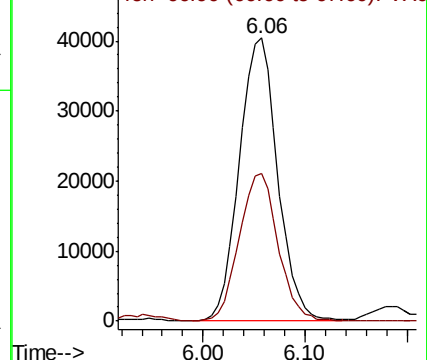
65 100

67 52.7 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 979

Delta R.T. 0.01 min

Lab File: VX013030.D

Acq: 11 Oct 2019 20:36

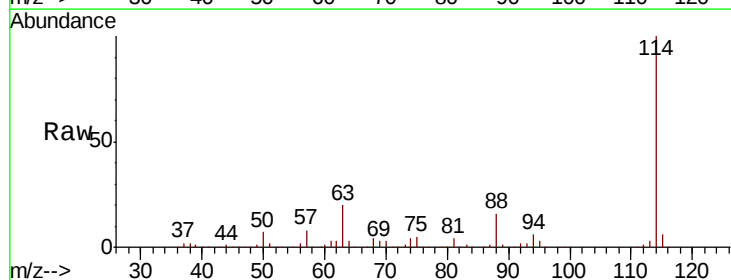
Tgt Ion: 114 Resp: 273686

Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.8

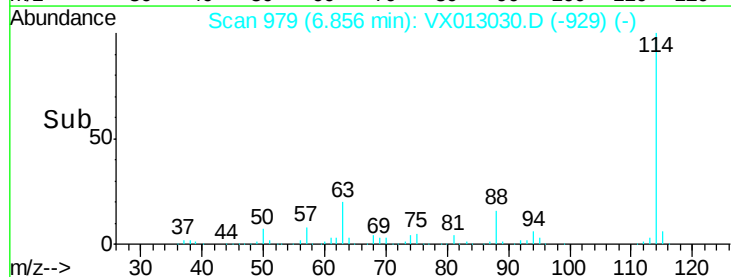
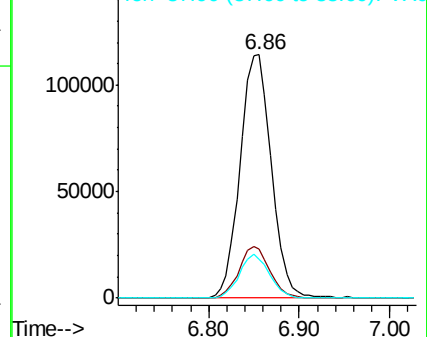
88 16.1 0.0 33.8

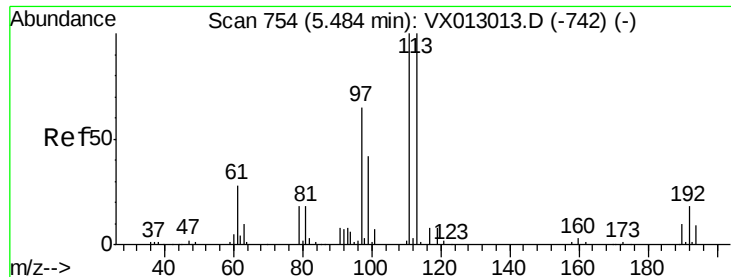


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 53.877 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX013030.D

Acq: 11 Oct 2019 20:36

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW3202MS

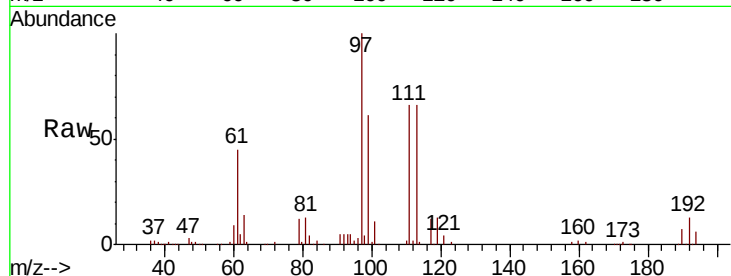
Tot Ion:113 Resp: 84630

Ion Ratio Lower Upper

113 100

111 102.7 83.2 124.8

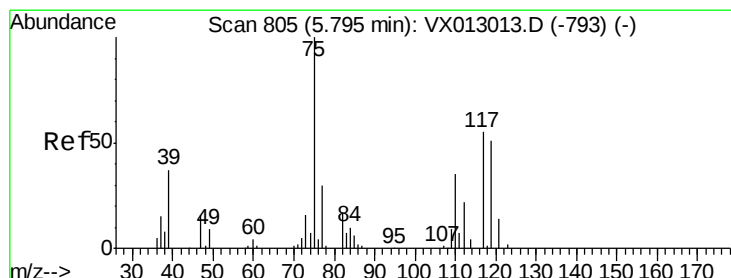
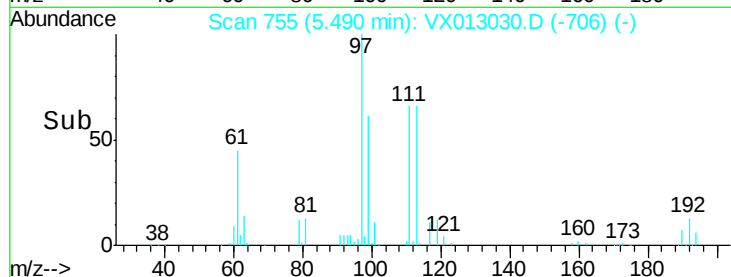
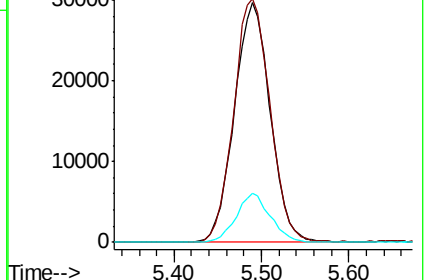
192 19.3 15.4 23.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 50.984 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX013030.D

Acq: 11 Oct 2019 20:36

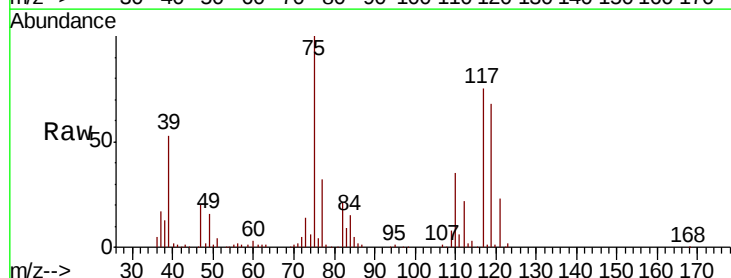
Tgt Ion: 75 Resp: 122681

Ion Ratio Lower Upper

75 100

110 36.4 17.6 52.9

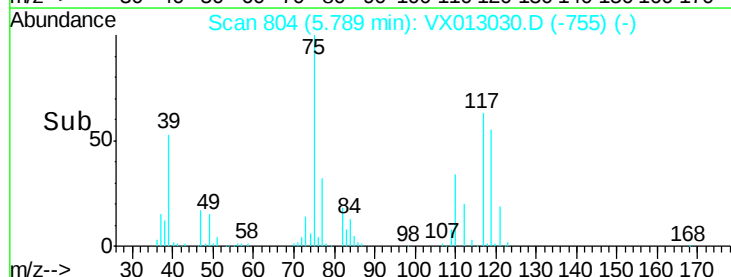
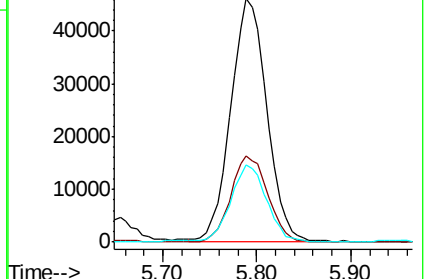
77 31.8 24.4 36.6

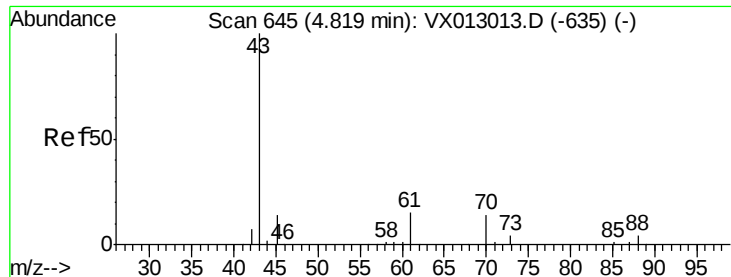


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

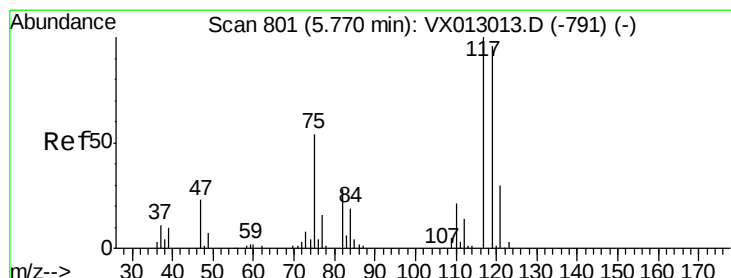
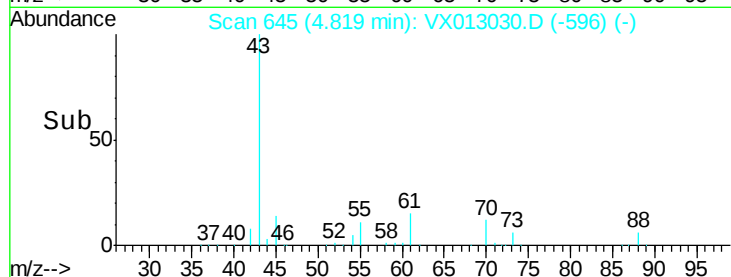
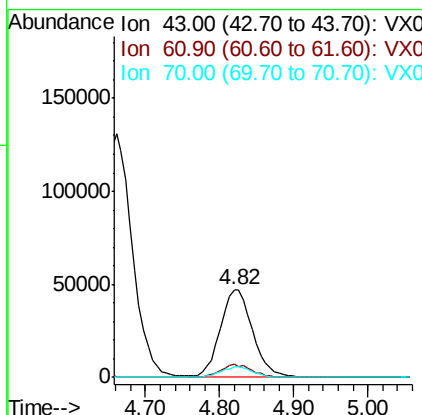
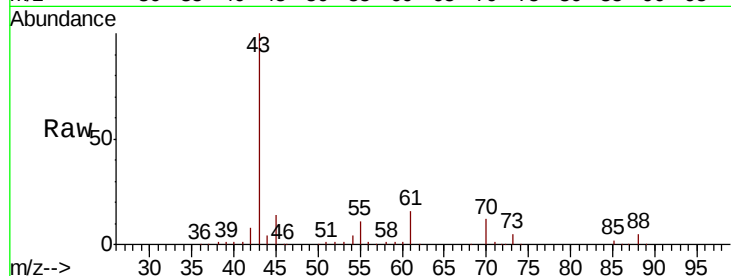




#37
Ethyl Acetate
Concen: 52.893 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013030.D
Acq: 11 Oct 2019 20:36

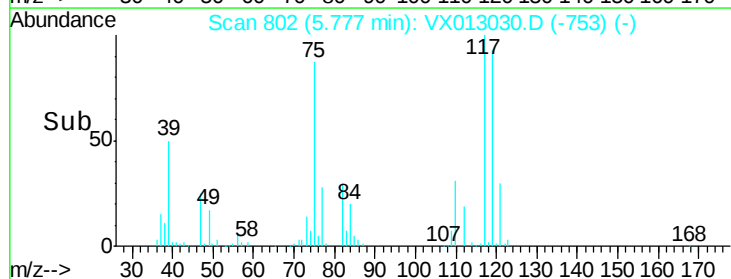
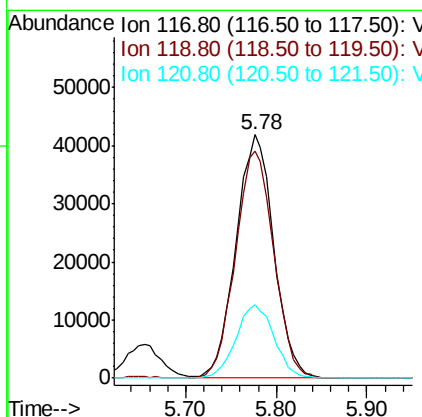
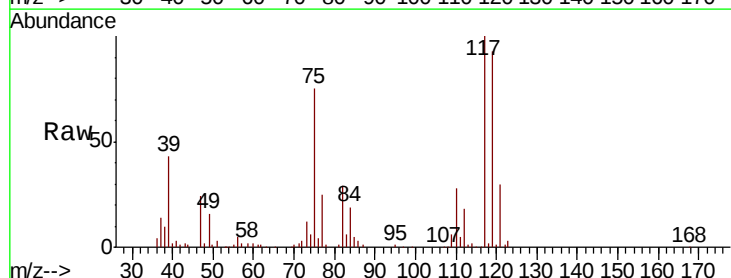
Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW3202MS

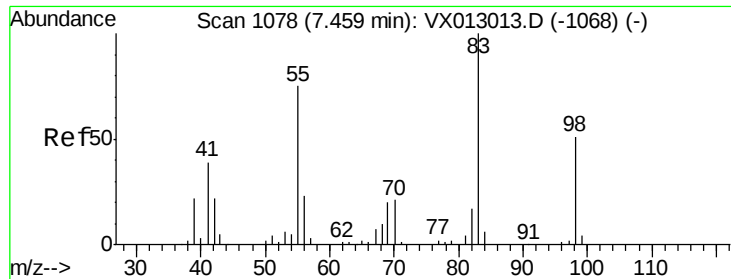
Tot Ion: 43 Resp: 142317
Ion Ratio Lower Upper
43 100
61 14.5 11.4 17.0
70 11.6 9.8 14.6



#38
Carbon Tetrachloride
Concen: 51.538 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX013030.D
Acq: 11 Oct 2019 20:36

Tgt Ion: 117 Resp: 120709
Ion Ratio Lower Upper
117 100
119 93.3 74.5 111.7
121 29.9 24.2 36.4

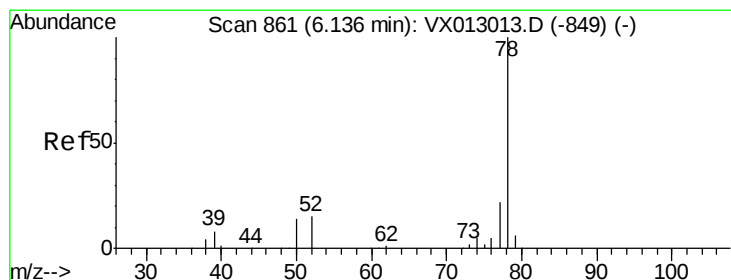
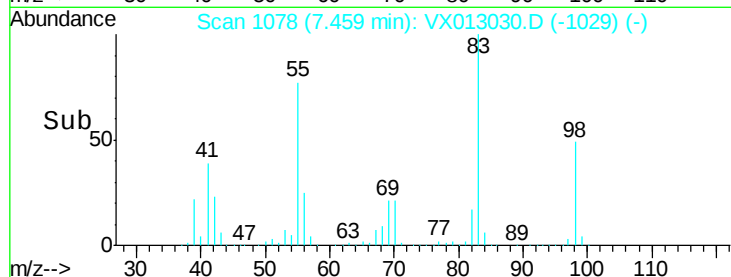
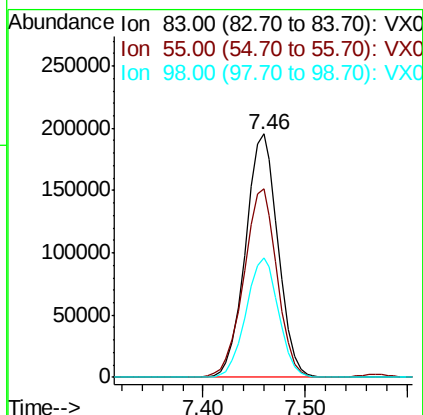
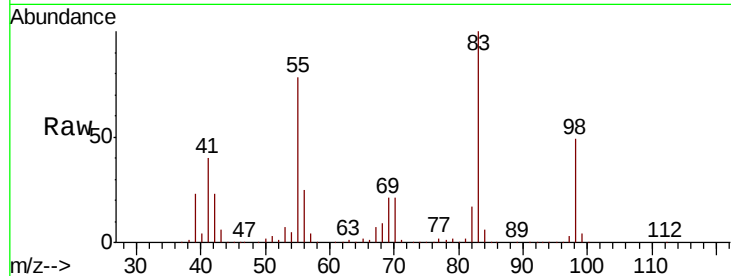




#39
Methvlcvclohexane
Concen: 148.049 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX013030.D
Acq: 11 Oct 2019 20:36

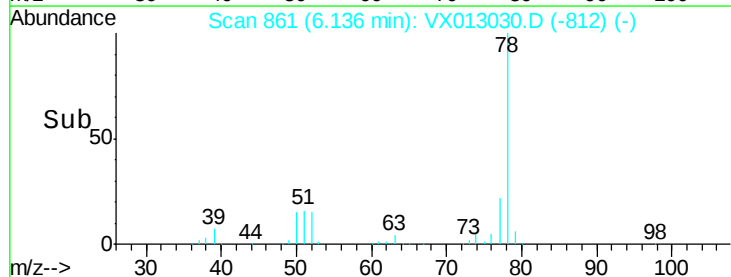
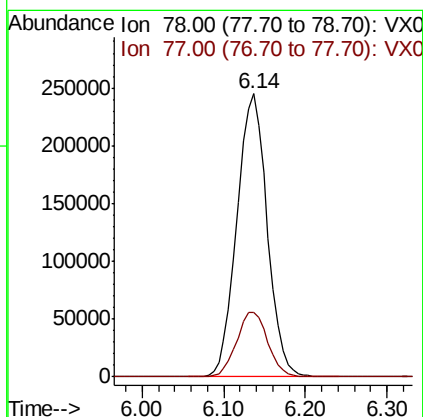
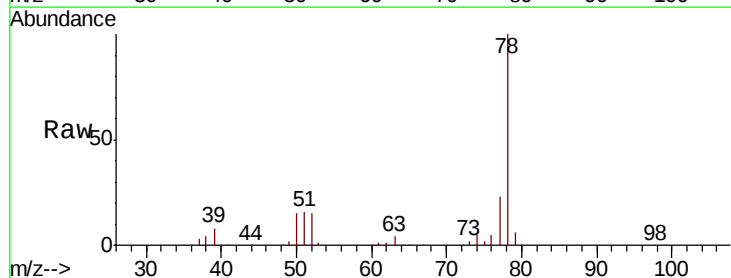
Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW3202MS

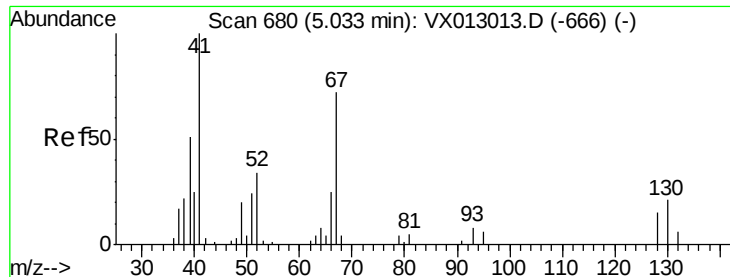
Tot Ion: 83 Resp: 432028
Ion Ratio Lower Upper
83 100
55 77.4 60.2 90.4
98 49.0 38.5 57.7



#40
Benzene
Concen: 88.786 ug/l
RT: 6.14 min Scan# 861
Delta R.T. -0.00 min
Lab File: VX013030.D
Acq: 11 Oct 2019 20:36

Tgt Ion: 78 Resp: 630997
Ion Ratio Lower Upper
78 100
77 22.7 19.0 28.4

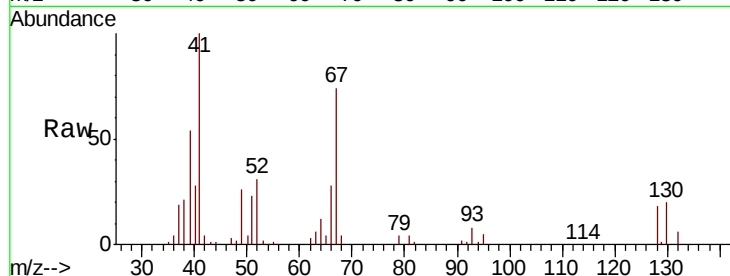




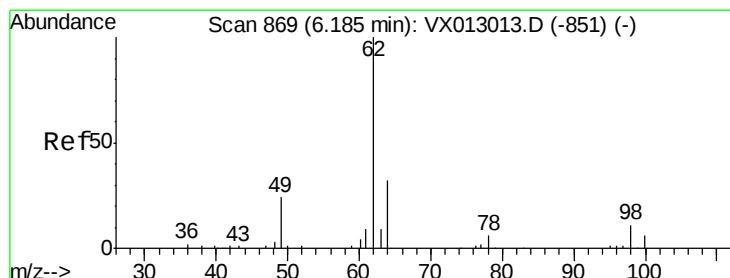
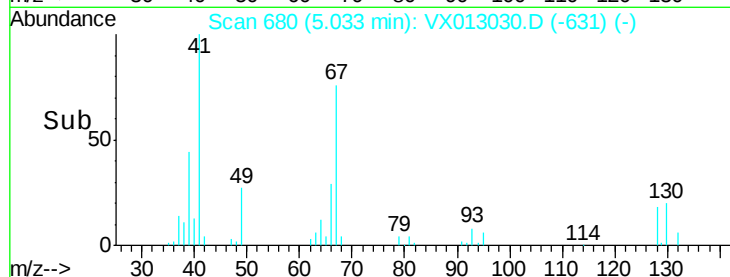
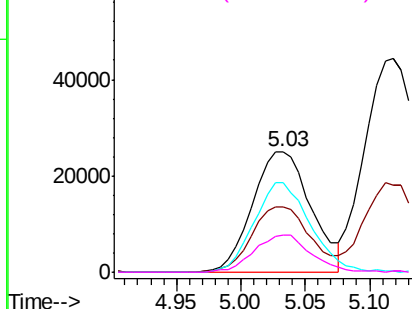
#41
Methacrylonitrile
Concen: 53.200 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.00 min
Lab File: VX013030.D
Acq: 11 Oct 2019 20:36

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW3202MS

Tot Ion: 41 Resp: 78655
Ion Ratio Lower Upper
41 100
39 53.5 44.0 66.0
67 72.0 58.5 87.7
52 30.1 23.8 35.8

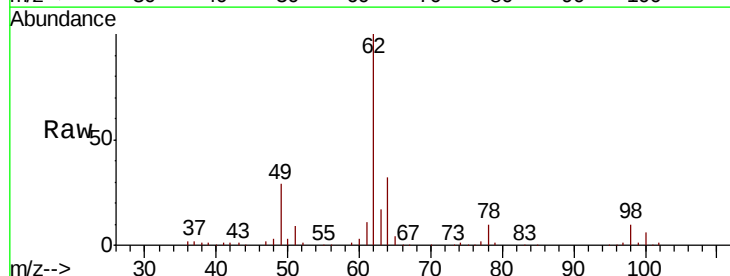


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

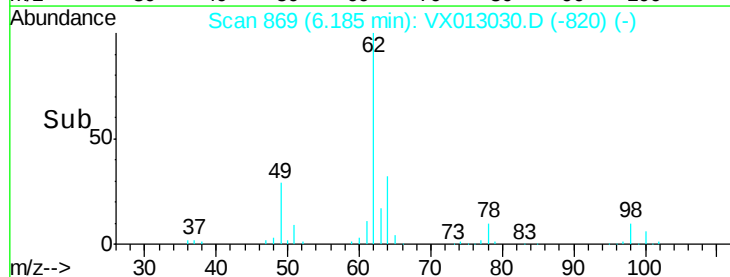
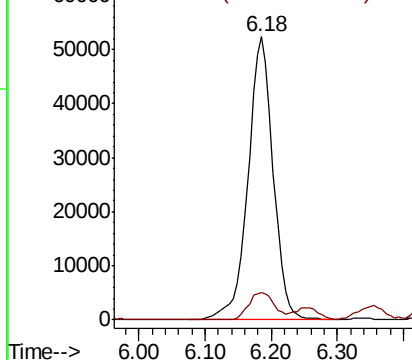


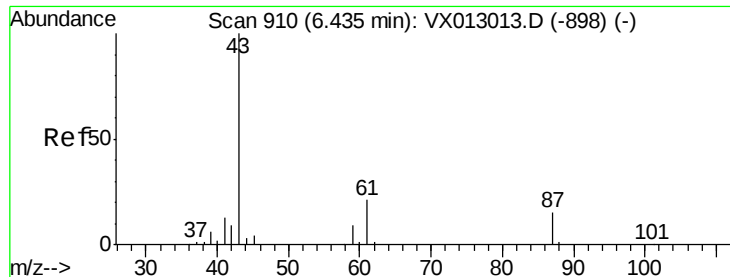
#42
1,2-Dichloroethane
Concen: 54.572 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX013030.D
Acq: 11 Oct 2019 20:36

Tgt Ion: 62 Resp: 139169
Ion Ratio Lower Upper
62 100
98 10.0 0.0 20.4



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





#43

Isopropyl Acetate

Concen: 53.866 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX013030.D

Acq: 11 Oct 2019 20:36

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW3202MS

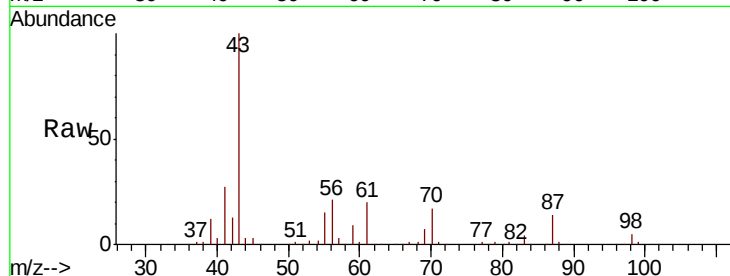
Tot Ion: 43 Resp: 232625

Ion Ratio Lower Upper

43 100

61 20.5 16.6 24.8

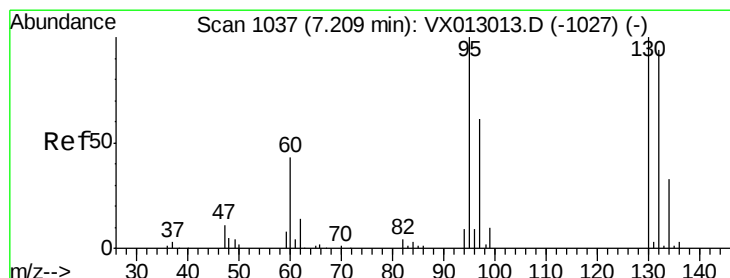
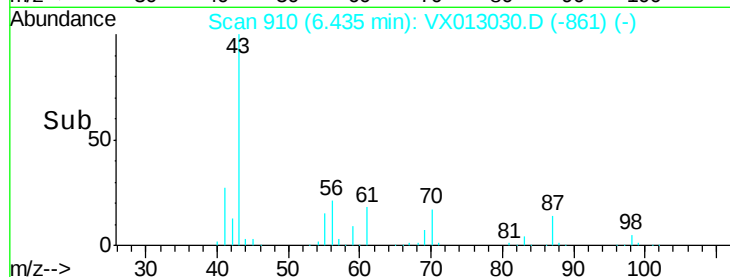
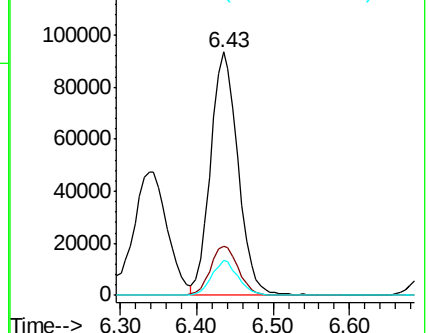
87 13.7 11.0 16.6



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: 50.848 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. -0.00 min

Lab File: VX013030.D

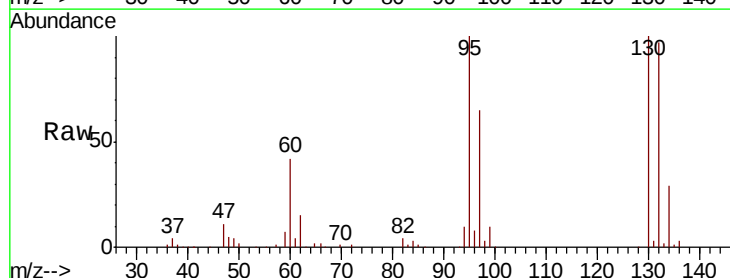
Acq: 11 Oct 2019 20:36

Tgt Ion:130 Resp: 100209

Ion Ratio Lower Upper

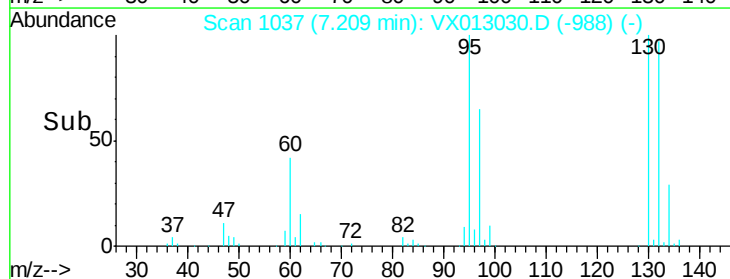
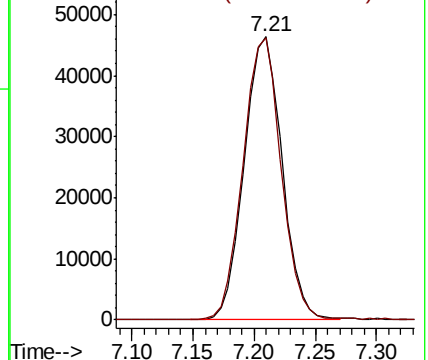
130 100

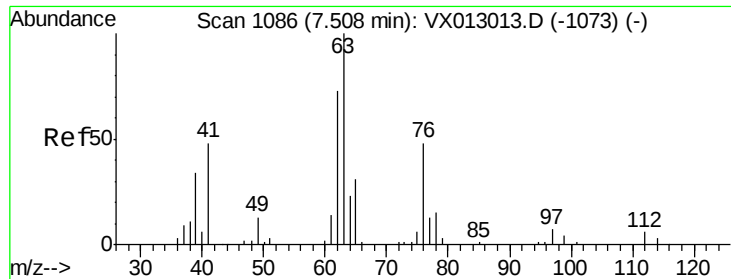
95 99.7 0.0 189.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

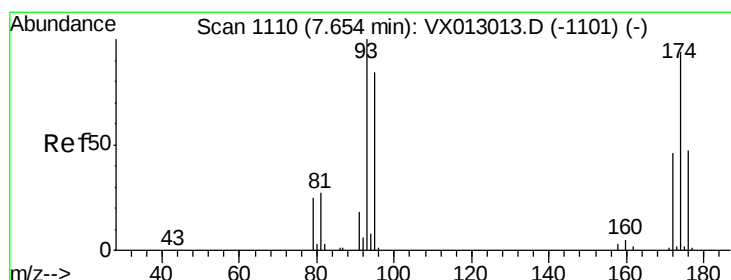
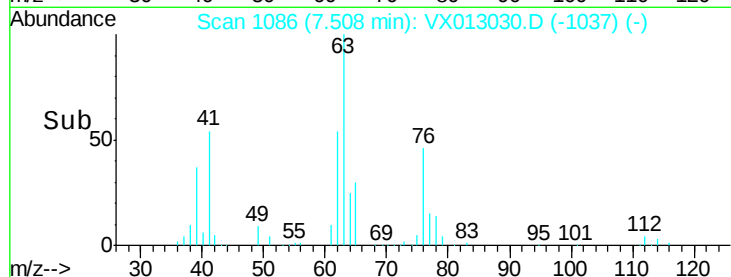
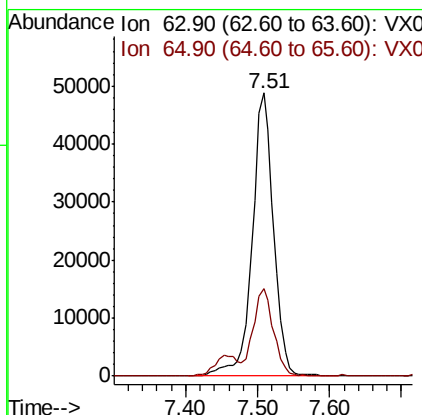
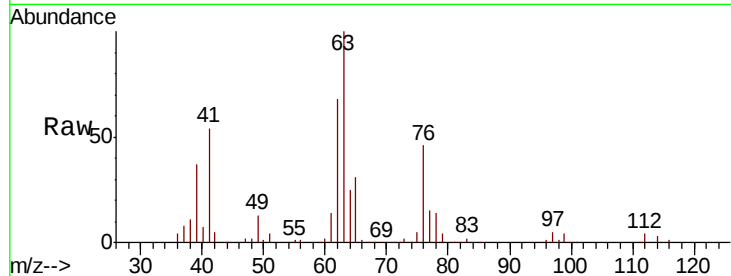




#45
 1,2-Dichloropropane
 Concen: 55.374 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX013030.D
 Acq: 11 Oct 2019 20:36

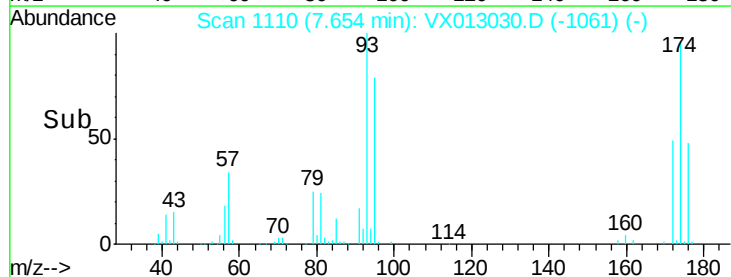
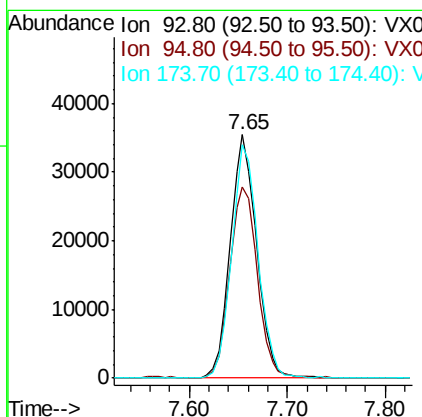
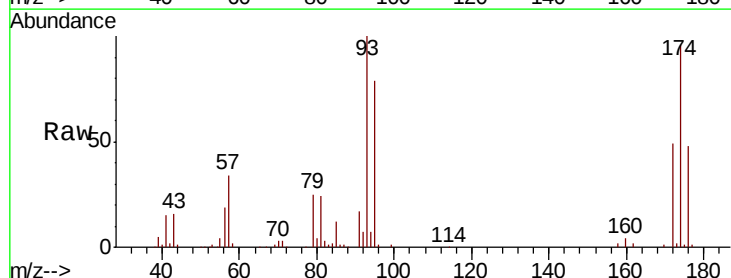
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW3202MS

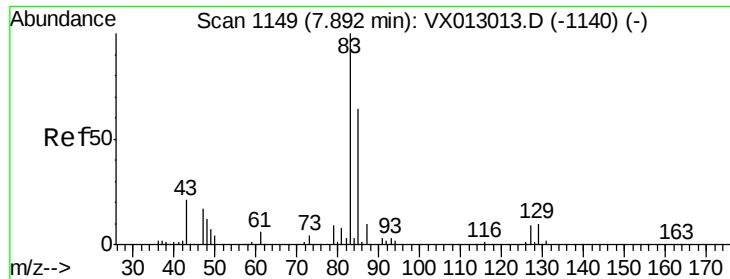
Tot Ion: 63 Resp: 100300
 Ion Ratio Lower Upper
 63 100
 65 31.1 24.6 37.0



#46
 Dibromomethane
 Concen: 54.901 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX013030.D
 Acq: 11 Oct 2019 20:36

Tgt Ion: 93 Resp: 66255
 Ion Ratio Lower Upper
 93 100
 95 82.6 66.3 99.5
 174 95.9 77.8 116.6





#47

Bromodichloromethane

Concen: 54.702 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013030.D

Acq: 11 Oct 2019 20:36

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW3202MS

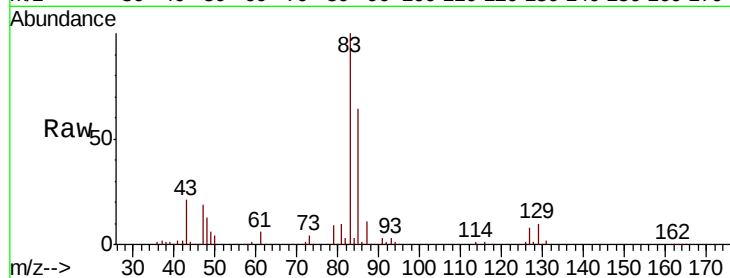
Tot Ion: 83 Resp: 128828

Ion Ratio Lower Upper

83 100

85 64.2 52.4 78.6

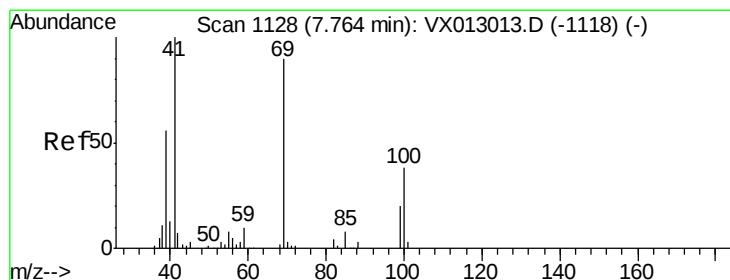
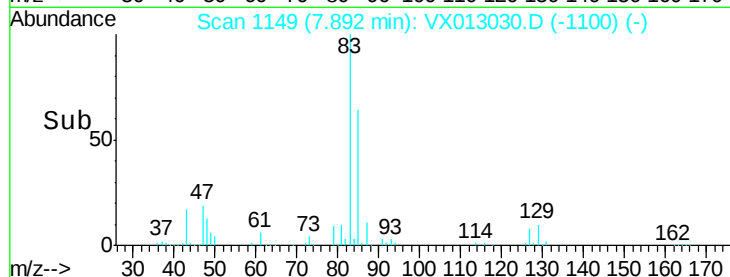
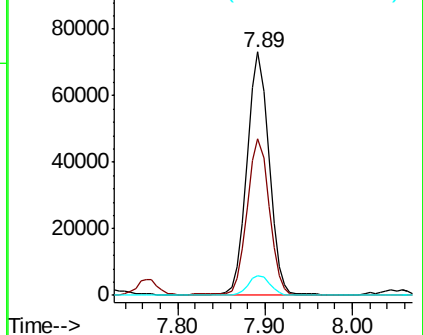
127 8.2 6.6 10.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 59.473 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX013030.D

Acq: 11 Oct 2019 20:36

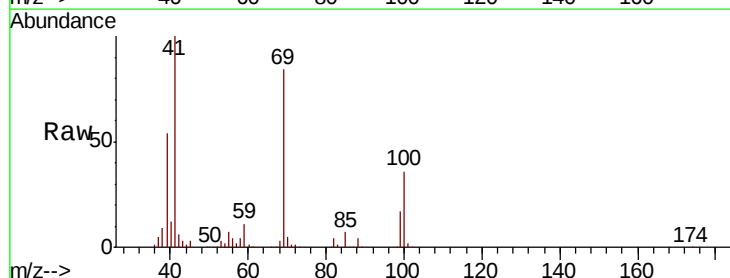
Tgt Ion: 41 Resp: 125161

Ion Ratio Lower Upper

41 100

69 99.8 68.7 103.1

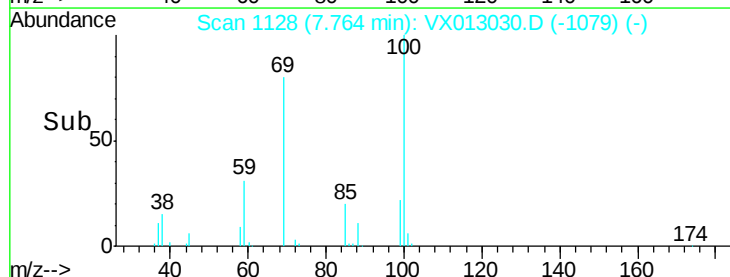
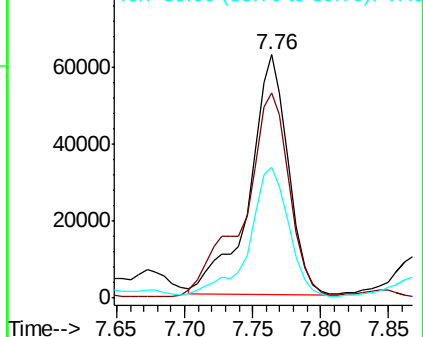
39 53.9 44.3 66.5

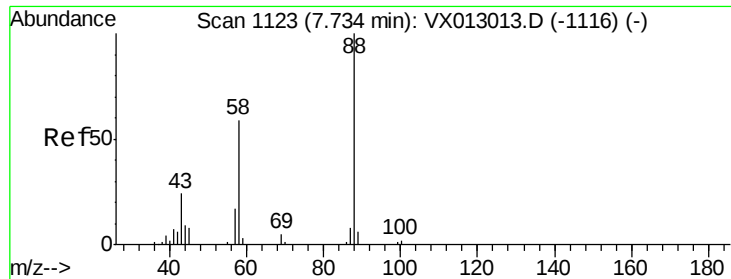


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

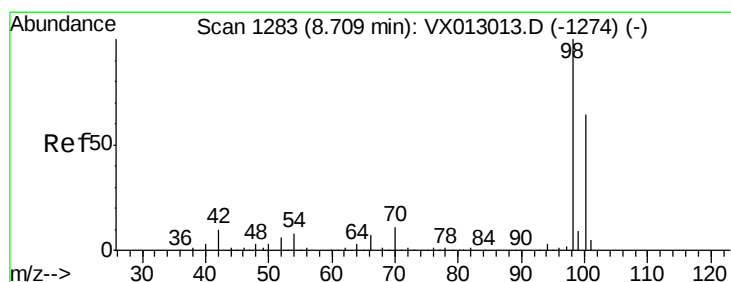
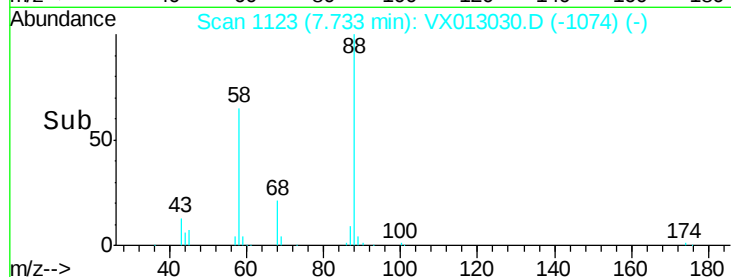
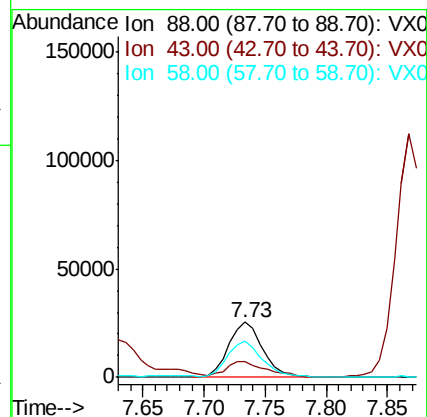
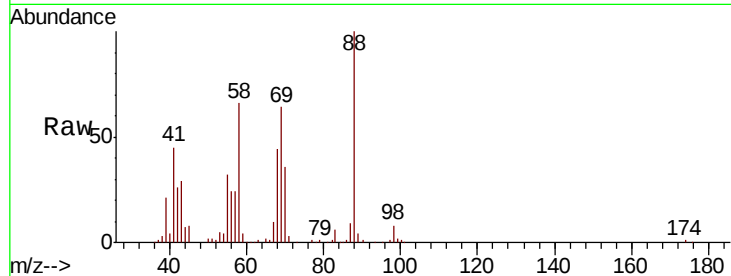




#49
1,4-Dioxane
Concen: 866.246 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX013030.D
Acq: 11 Oct 2019 20:36

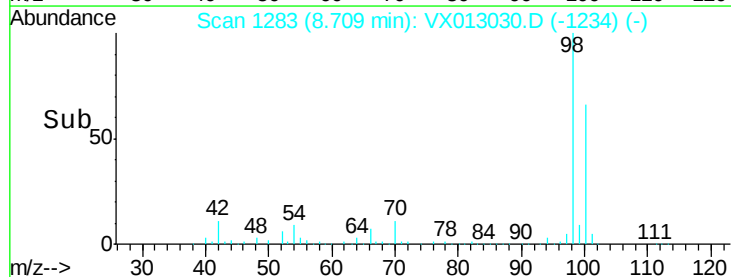
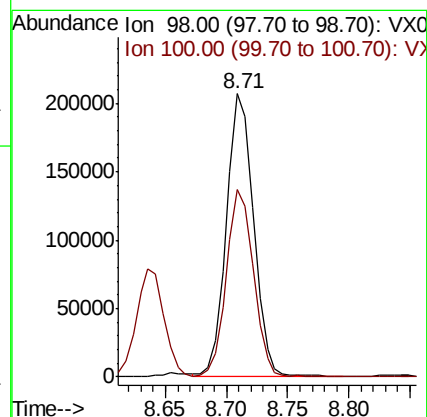
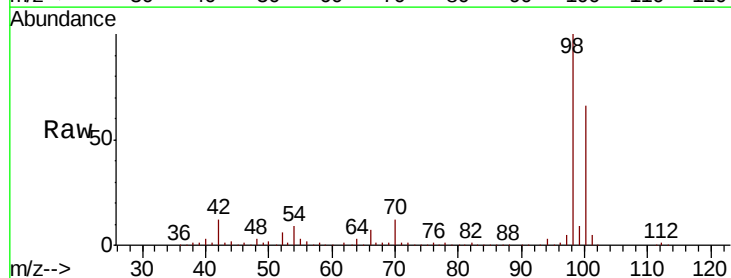
Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW3202MS

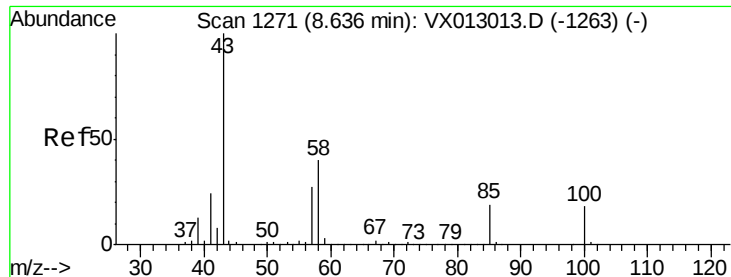
Tot Ion: 88 Resp: 48647
Ion Ratio Lower Upper
88 100
43 33.7 25.0 37.6
58 69.1 55.4 83.2



#50
Toluene-d8
Concen: 51.779 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013030.D
Acq: 11 Oct 2019 20:36

Tgt Ion: 98 Resp: 317227
Ion Ratio Lower Upper
98 100
100 66.5 53.4 80.2





#51

4-Methyl-2-Pentanone

Concen: 271.449 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX013030.D

Acq: 11 Oct 2019 20:36

Instrument :

MSVOA_X

ClientSampleId :

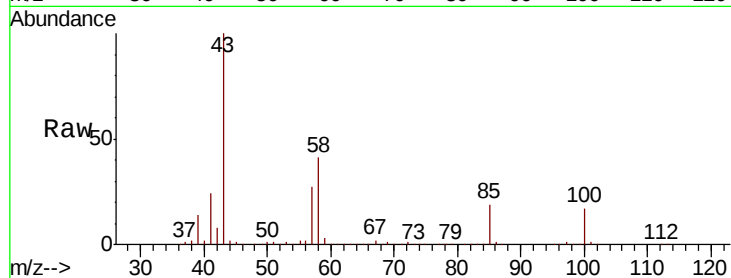
FA19-JMW3202MS

Tot Ion: 43 Resp: 730890

Ion Ratio Lower Upper

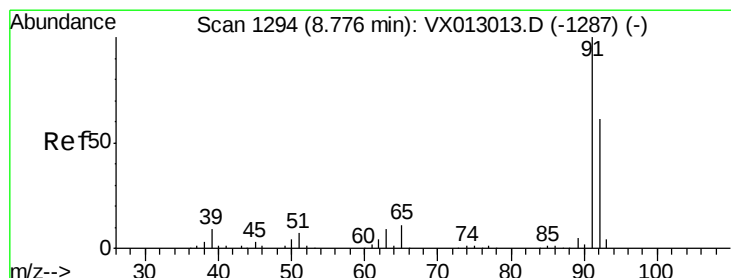
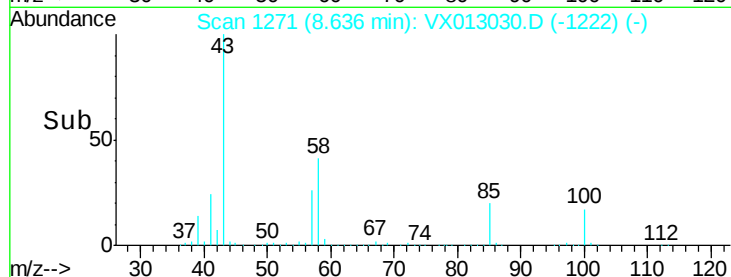
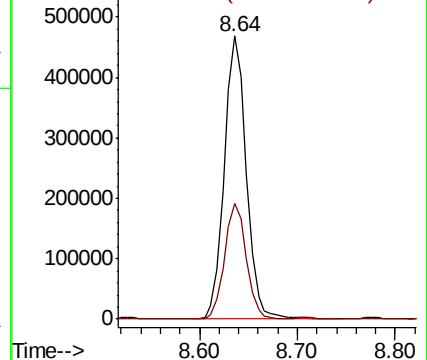
43 100

58 40.4 32.4 48.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 72.843 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX013030.D

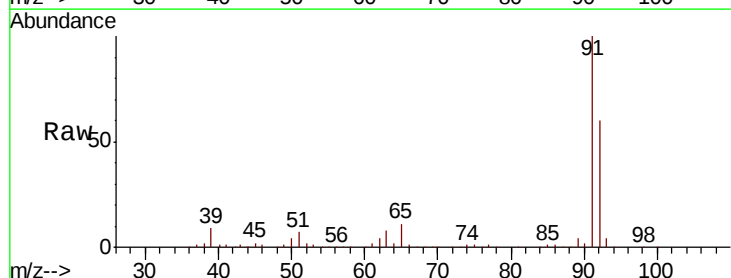
Acq: 11 Oct 2019 20:36

Tgt Ion: 92 Resp: 331195

Ion Ratio Lower Upper

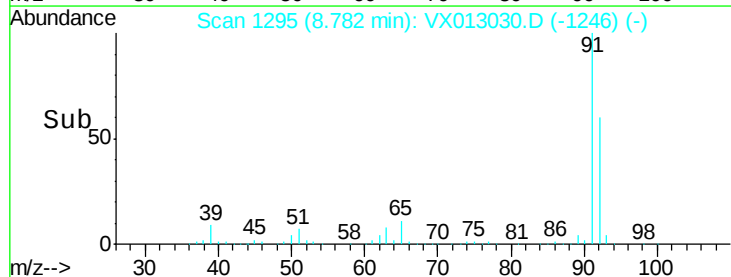
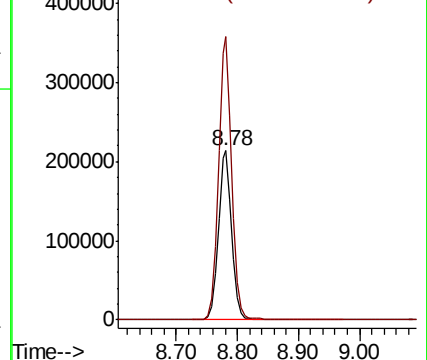
92 100

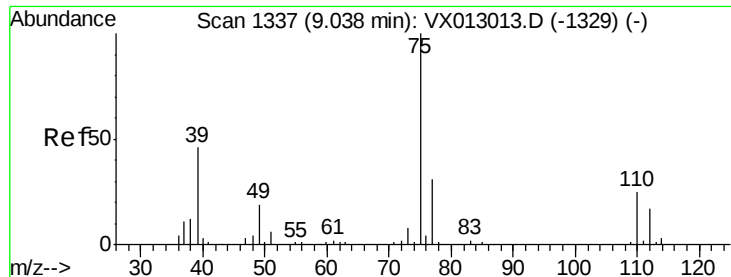
91 166.7 135.9 203.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

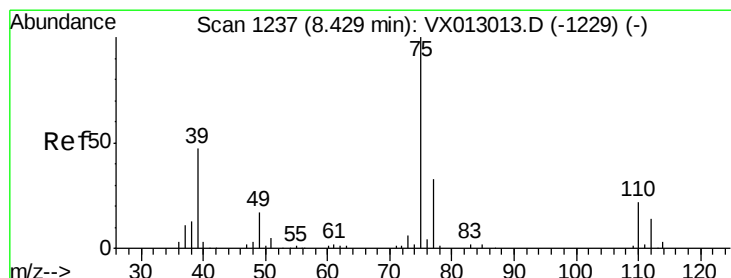
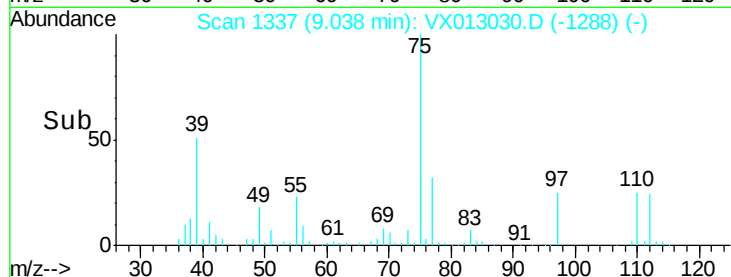
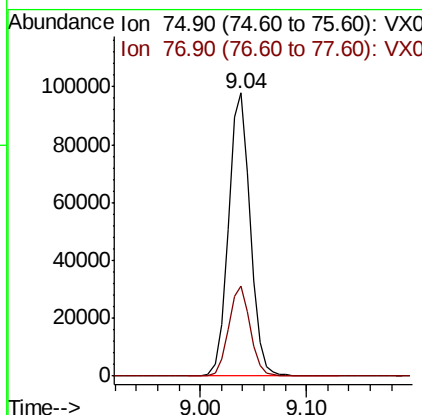
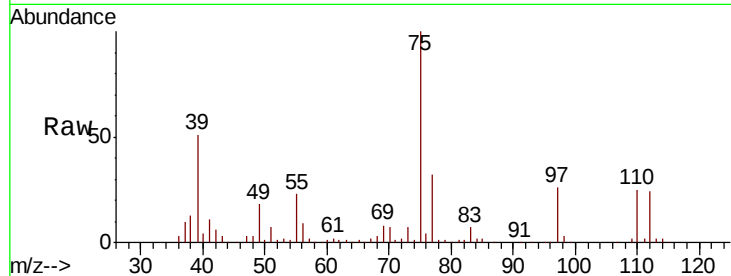




#53
 t-1,3-Dichloropropene
 Concen: 47.764 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VX013030.D
 Acq: 11 Oct 2019 20:36

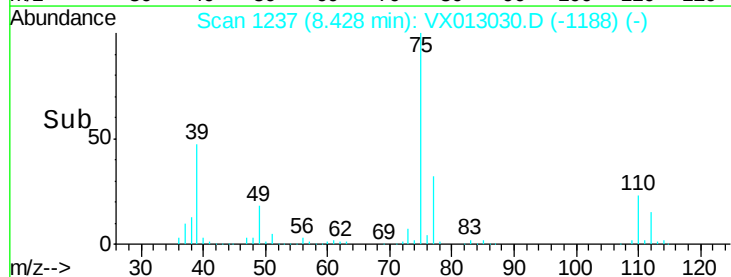
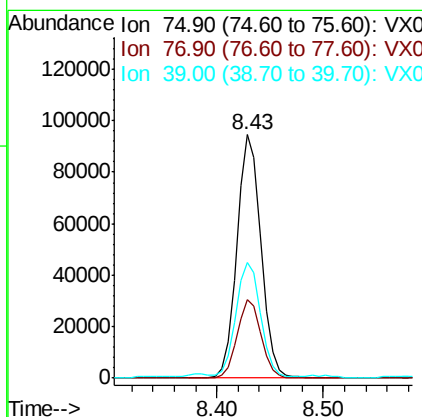
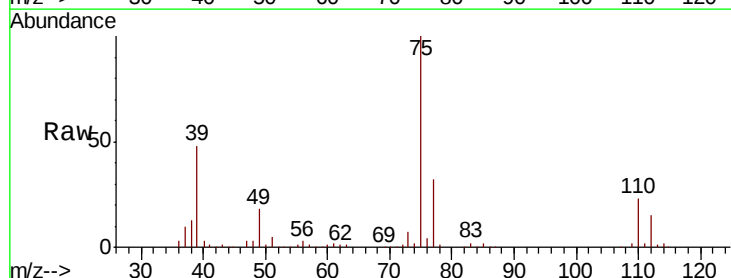
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW3202MS

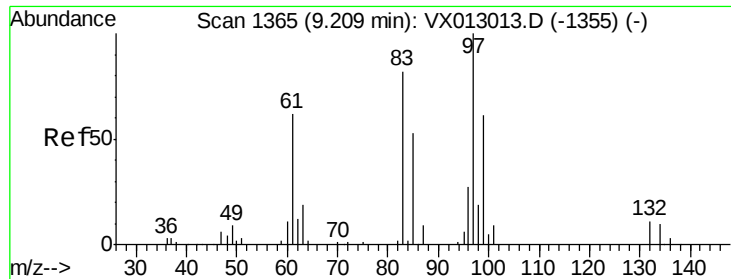
Tot Ion: 75 Resp: 140083
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.8 38.6



#54
 cis-1,3-Dichloropropene
 Concen: 51.913 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX013030.D
 Acq: 11 Oct 2019 20:36

Tgt Ion: 75 Resp: 150369
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.8 38.8
 39 47.1 38.2 57.2

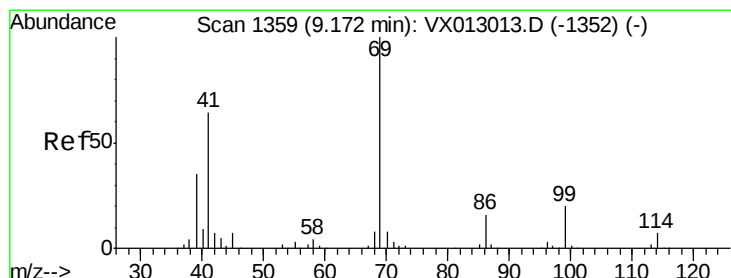
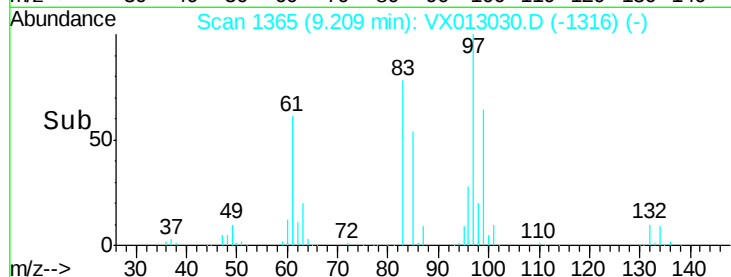
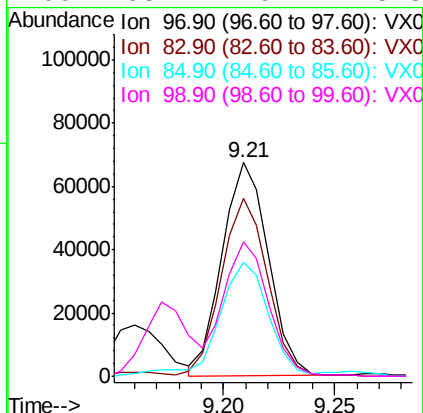
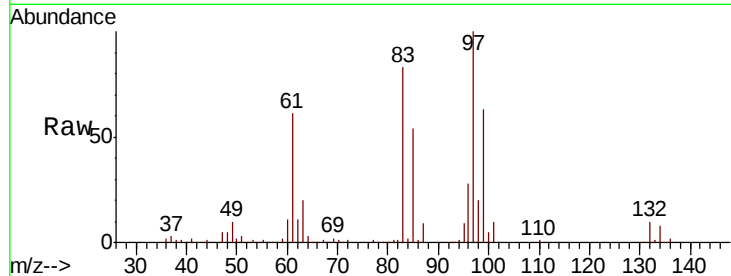




#55
1,1,2-Trichloroethane
Concen: 53.837 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. -0.00 min
Lab File: VX013030.D
Acq: 11 Oct 2019 20:36

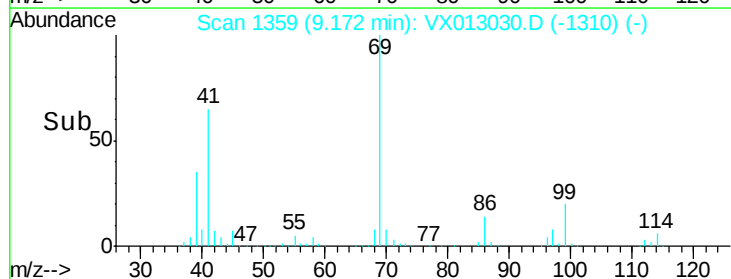
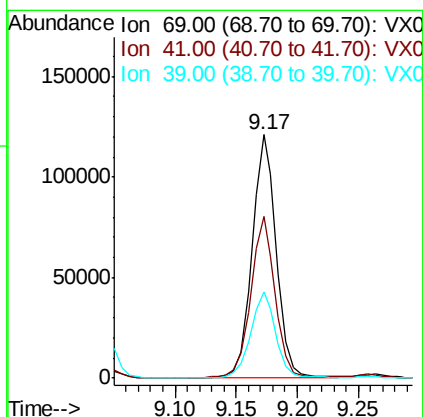
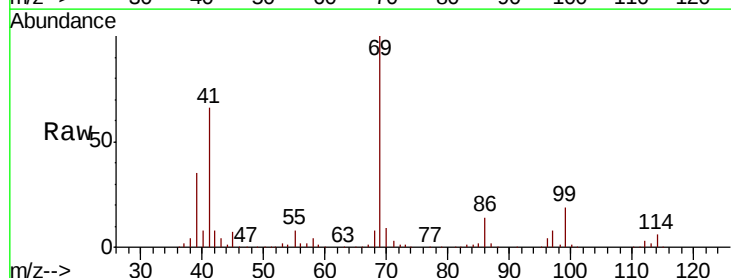
Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW3202MS

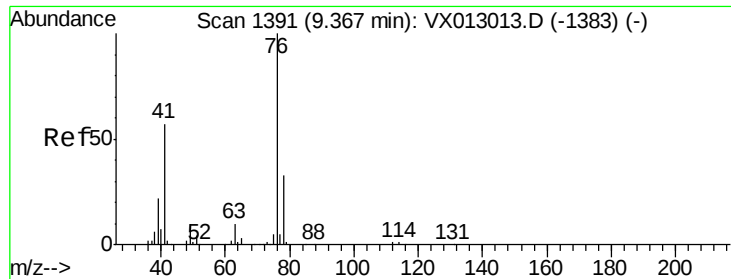
Tot Ion:	97	Resp:	96870
Ion	Ratio	Lower	Upper
97	100		
83	83.4	66.5	99.7
85	51.7	43.1	64.7
99	63.1	49.2	73.8



#56
Ethyl methacrylate
Concen: 51.671 ug/l
RT: 9.17 min Scan# 1359
Delta R.T. 0.00 min
Lab File: VX013030.D
Acq: 11 Oct 2019 20:36

Tgt Ion:	69	Resp:	166691
Ion	Ratio	Lower	Upper
69	100		
41	67.1	52.1	78.1
39	36.4	27.8	41.8





#57

1,3-Dichloropropane

Concen: 53.141 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX013030.D

Acq: 11 Oct 2019 20:36

Instrument :

MSVOA_X

ClientSampleId :

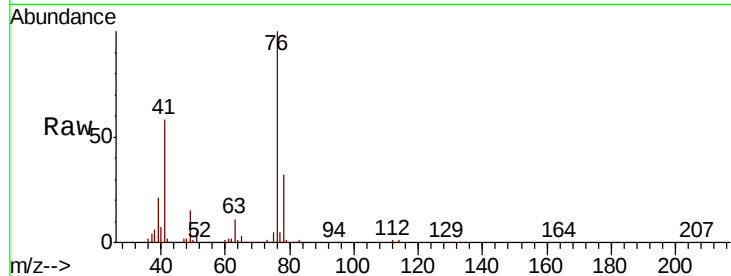
FA19-JMW3202MS

Tot Ion: 76 Resp: 165403

Ion Ratio Lower Upper

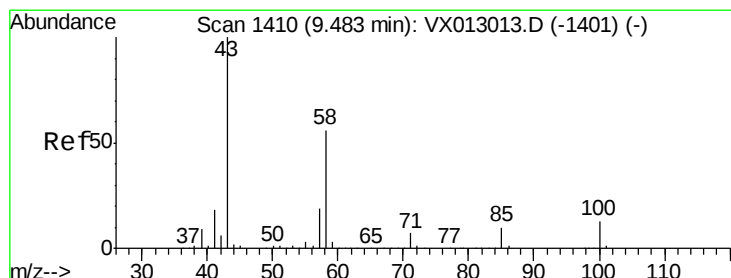
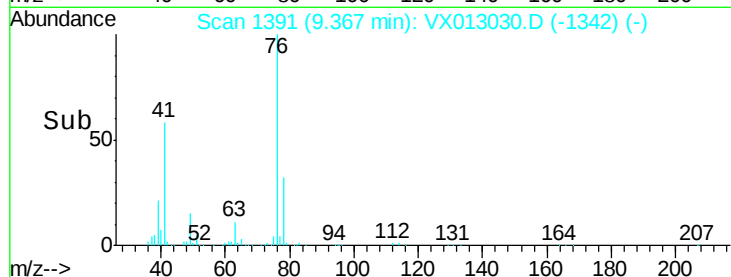
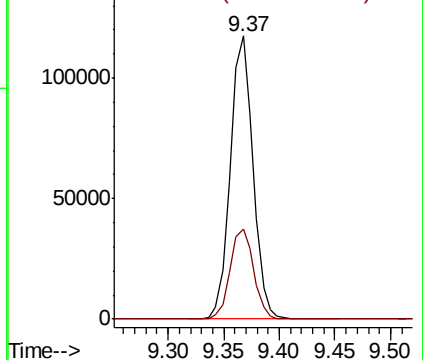
76 100

78 33.0 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#59

2-Hexanone

Concen: 261.897 ug/l

RT: 9.49 min Scan# 1411

Delta R.T. 0.00 min

Lab File: VX013030.D

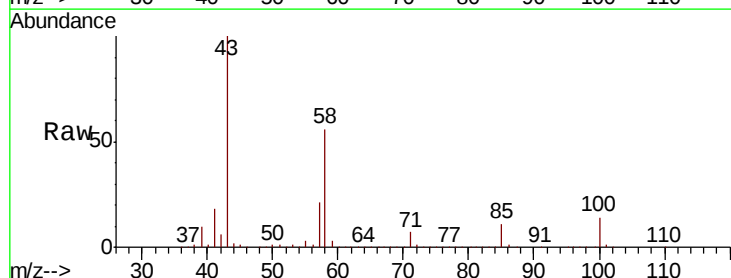
Acq: 11 Oct 2019 20:36

Tgt Ion: 43 Resp: 548931

Ion Ratio Lower Upper

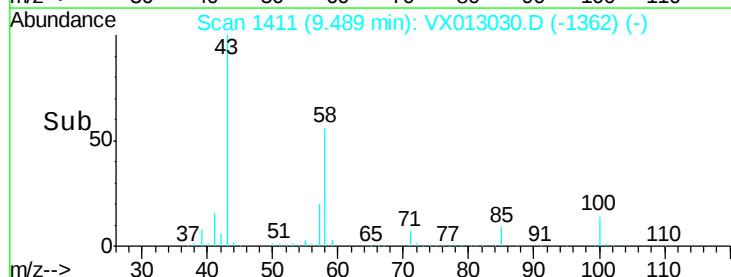
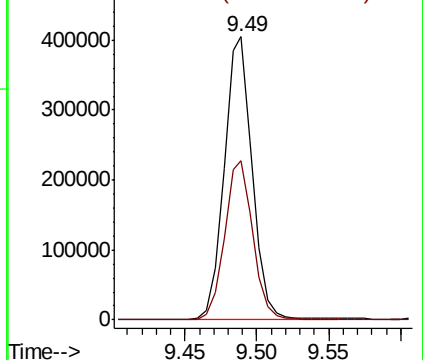
43 100

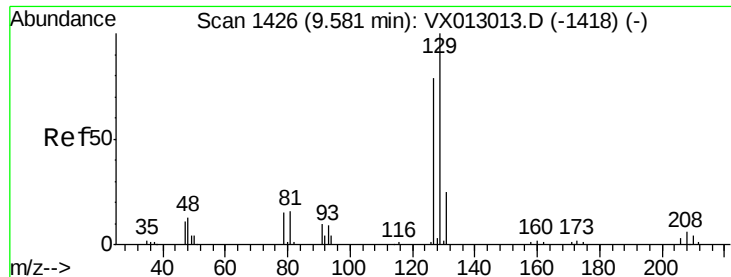
58 57.2 28.1 84.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

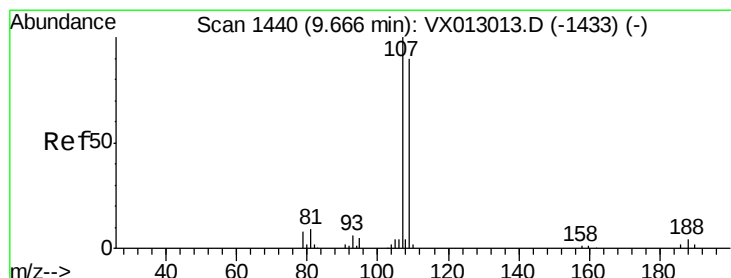
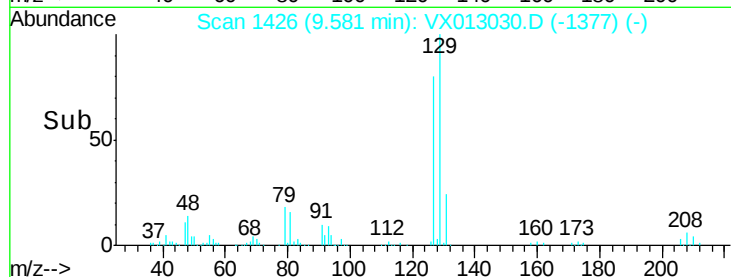
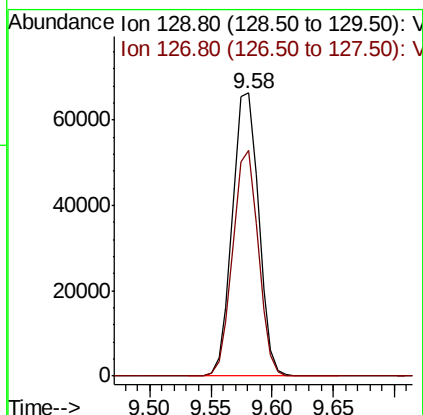
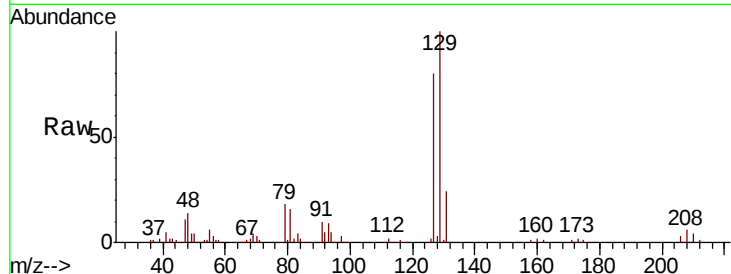




#60
Dibromochloromethane
Concen: 49.223 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX013030.D
Acq: 11 Oct 2019 20:36

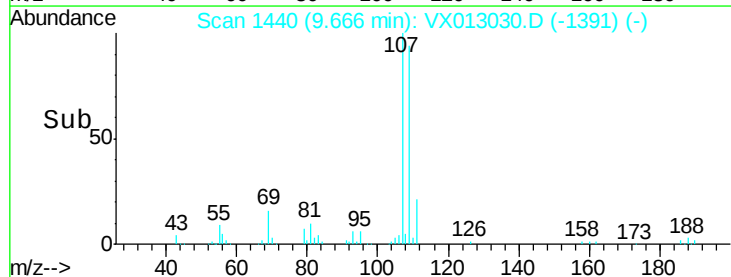
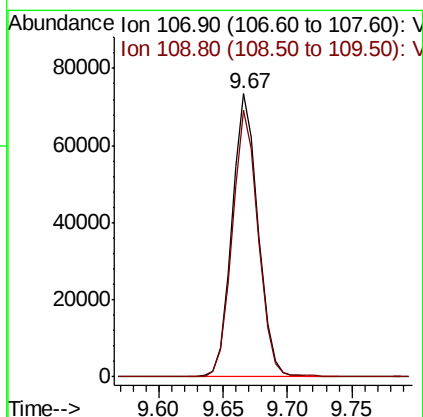
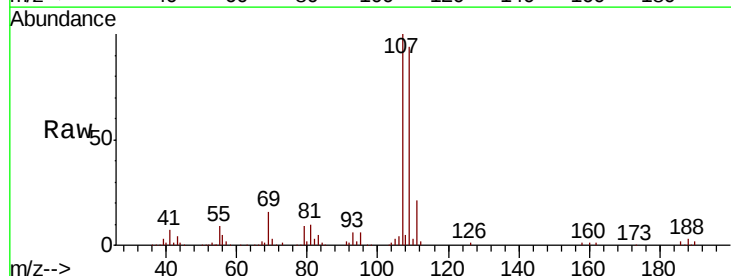
Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW3202MS

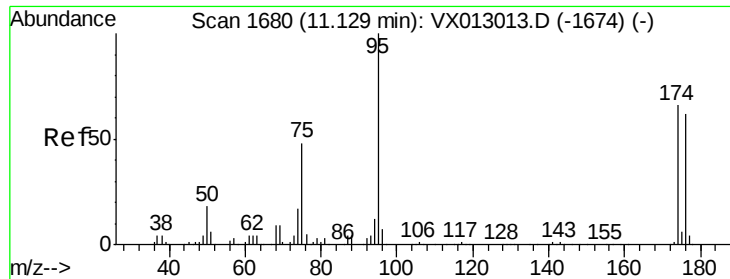
Tot Ion:129 Resp: 98502
Ion Ratio Lower Upper
129 100
127 77.5 38.9 116.7



#61
1,2-Dibromoethane
Concen: 54.649 ug/l
RT: 9.67 min Scan# 1440
Delta R.T. -0.00 min
Lab File: VX013030.D
Acq: 11 Oct 2019 20:36

Tgt Ion:107 Resp: 103440
Ion Ratio Lower Upper
107 100
109 94.0 75.8 113.6





#62

4-Bromofluorobenzene

Concen: 52.502 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX013030.D

Acq: 11 Oct 2019 20:36

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW3202MS

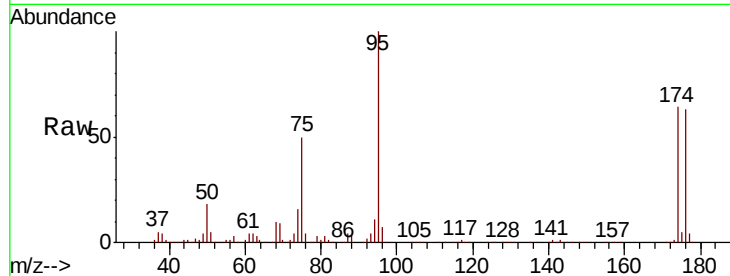
Tot Ion: 95 Resp: 124982

Ion Ratio Lower Upper

95 100

174 72.7 0.0 143.4

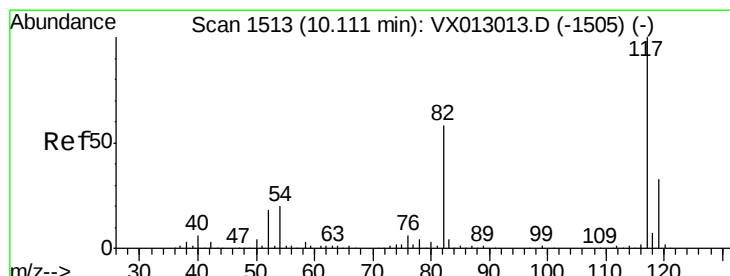
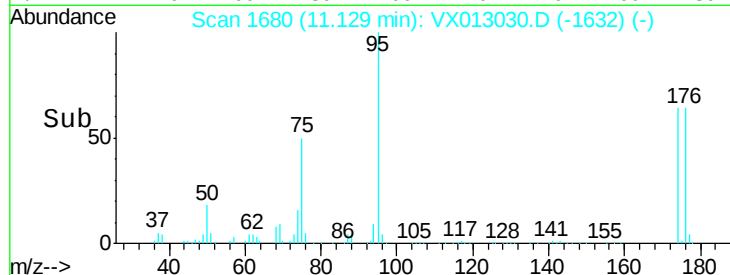
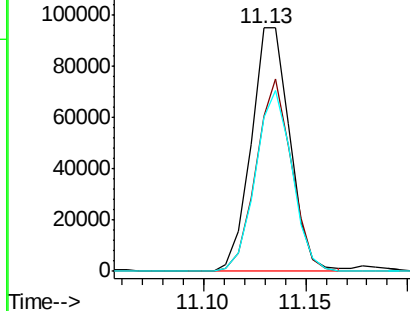
176 70.6 0.0 136.0



Abundance Ion 94.90 (94.60 to 95.60): VX013030.D (-1632) (-)

Ion 173.80 (173.50 to 174.50): VX013030.D (-1632) (-)

Ion 175.80 (175.50 to 176.50): VX013030.D (-1632) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX013030.D

Acq: 11 Oct 2019 20:36

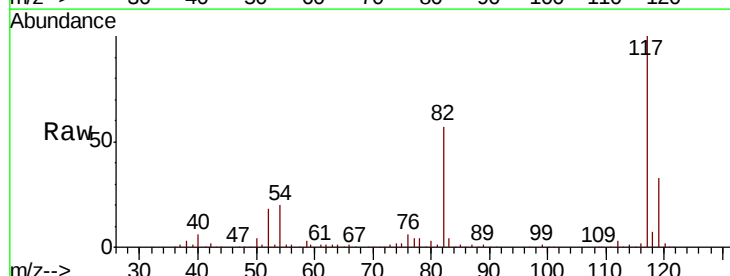
Tgt Ion: 117 Resp: 249290

Ion Ratio Lower Upper

117 100

82 57.0 44.1 66.1

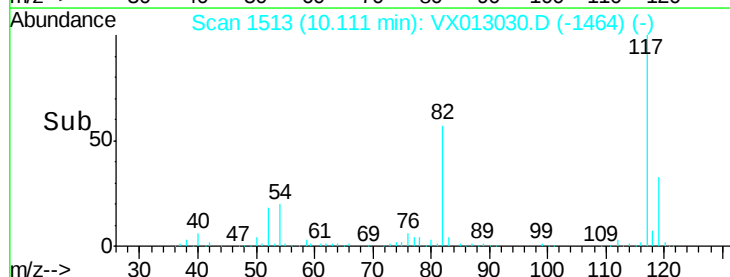
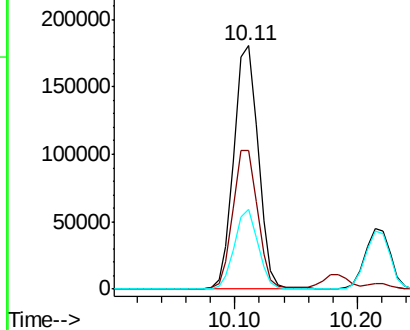
119 32.7 25.8 38.8

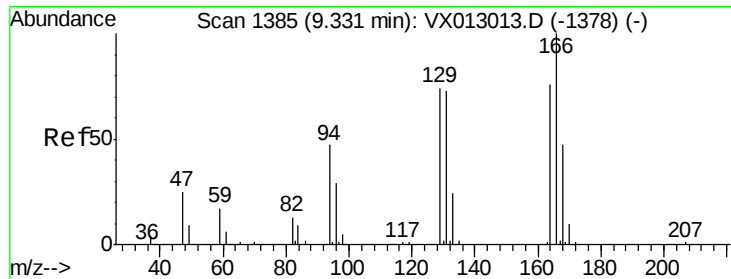


Abundance Ion 116.90 (116.60 to 117.60): VX013030.D (-1464) (-)

Ion 82.00 (81.70 to 82.70): VX013030.D (-1464) (-)

Ion 118.90 (118.60 to 119.60): VX013030.D (-1464) (-)

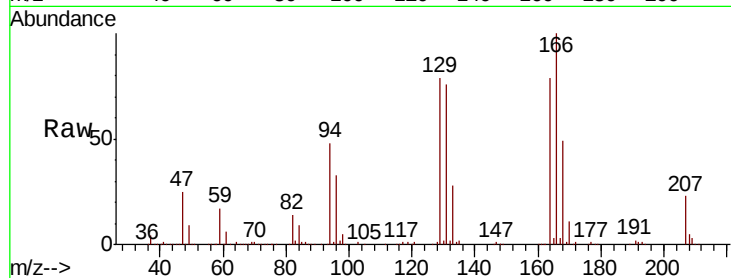




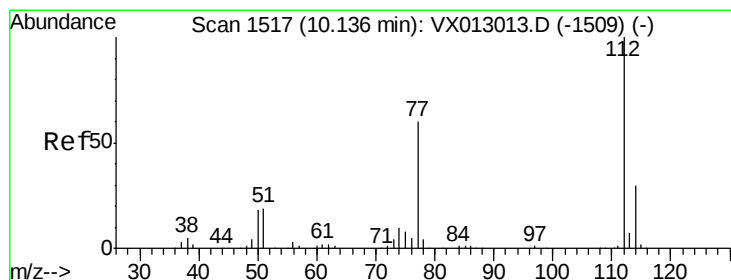
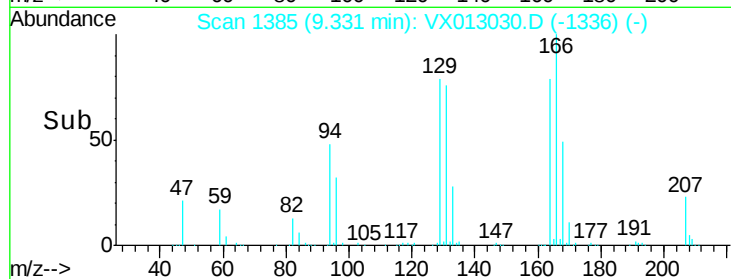
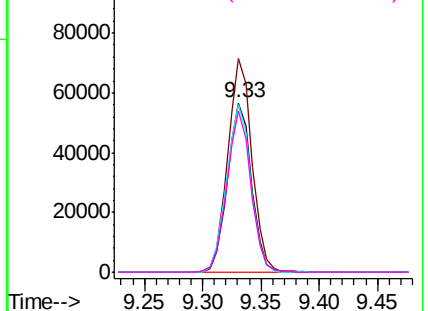
#64
Tetrachloroethene
Concen: 46.938 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013030.D
Acq: 11 Oct 2019 20:36

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW3202MS

Tot Ion:164 Resp: 81160
Ion Ratio Lower Upper
164 100
166 126.2 96.9 145.3
129 99.3 77.9 116.9
131 95.4 72.7 109.1

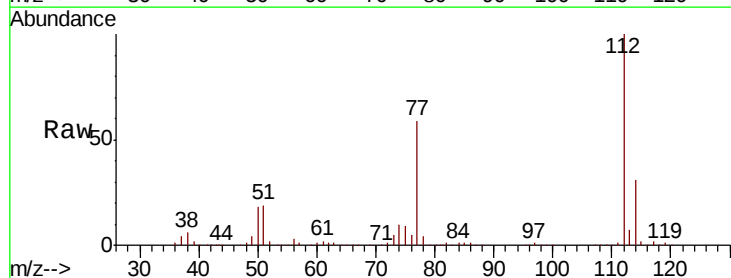


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

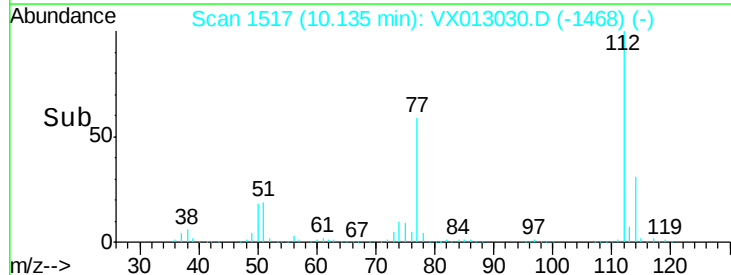
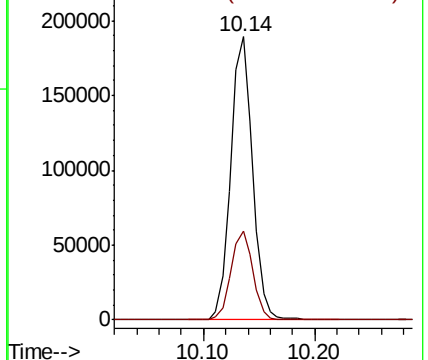


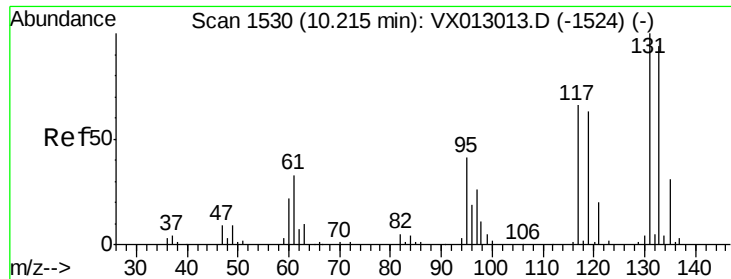
#65
Chlorobenzene
Concen: 51.728 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX013030.D
Acq: 11 Oct 2019 20:36

Tgt Ion:112 Resp: 256081
Ion Ratio Lower Upper
112 100
114 31.2 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 53.958 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX013030.D

Acq: 11 Oct 2019 20:36

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW3202MS

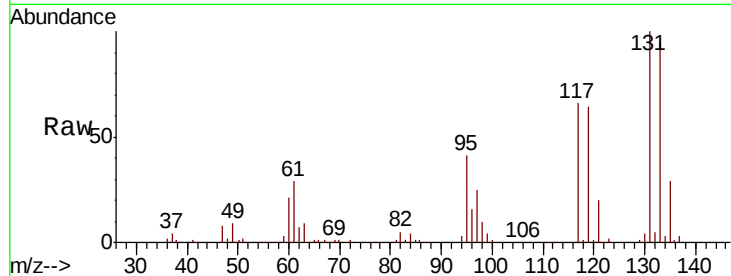
Tot Ion:131 Resp: 92617

Ion Ratio Lower Upper

131 100

133 95.7 47.2 141.6

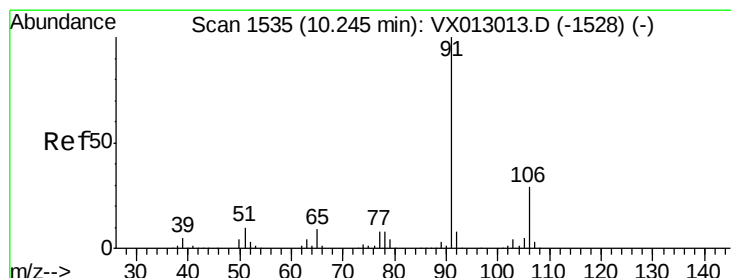
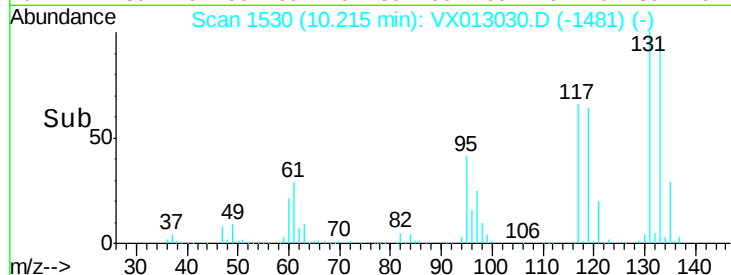
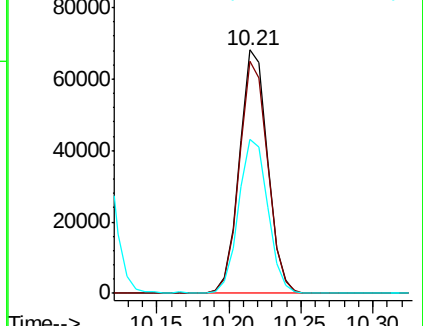
119 65.6 32.6 98.0



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 98.756 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX013030.D

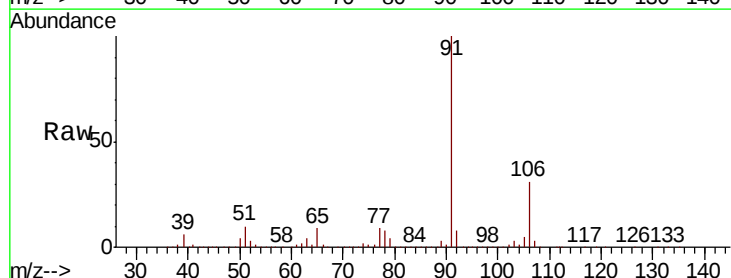
Acq: 11 Oct 2019 20:36

Tgt Ion: 91 Resp: 868414

Ion Ratio Lower Upper

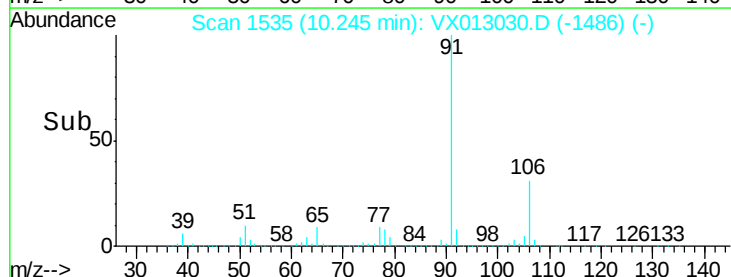
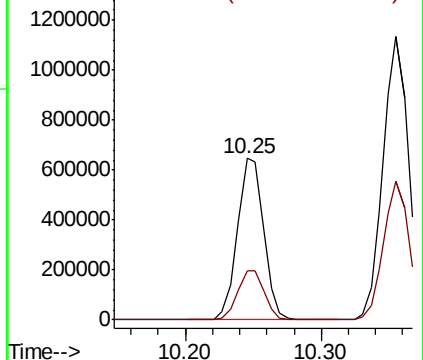
91 100

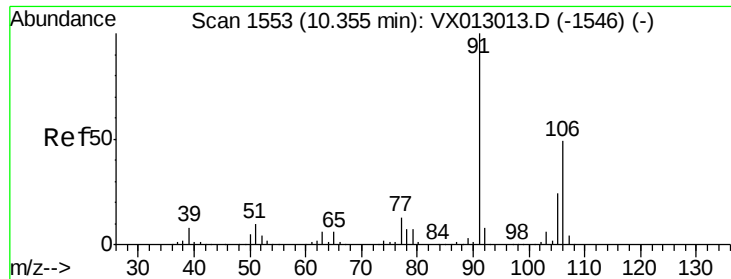
106 30.6 23.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

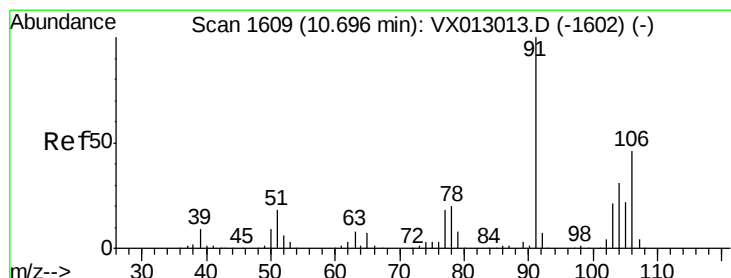
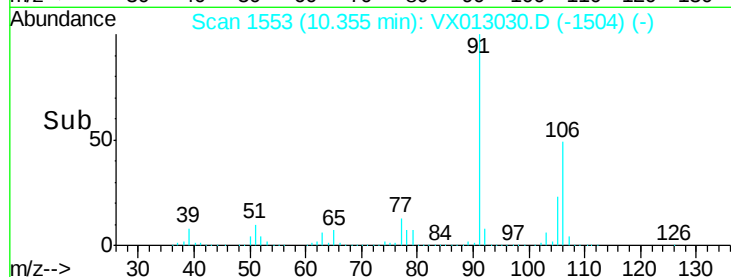
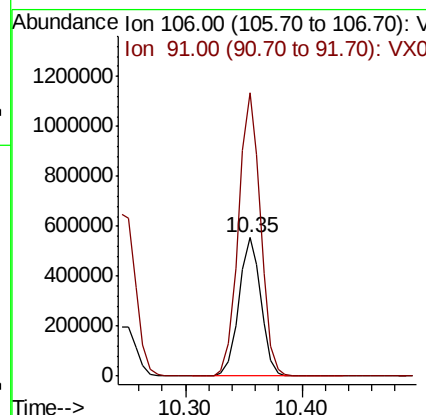
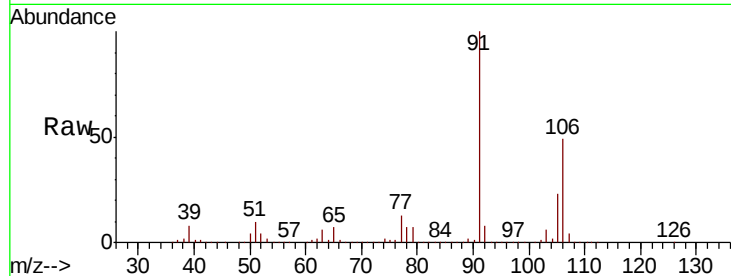




#68
m/p-Xylenes
Concen: 221.686 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX013030.D
Acq: 11 Oct 2019 20:36

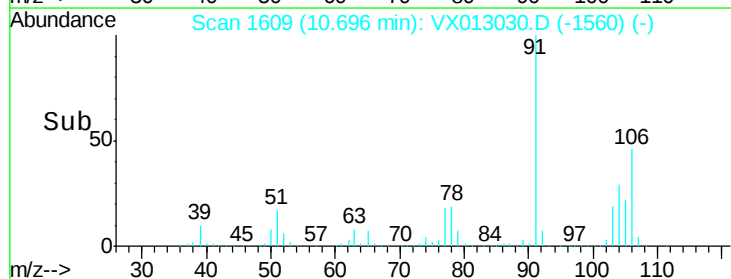
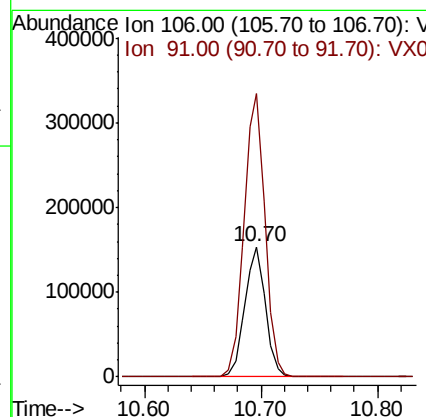
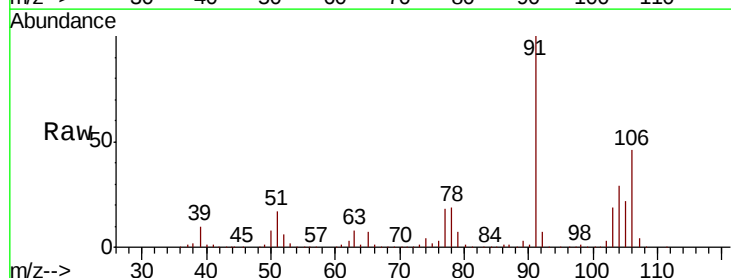
Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW3202MS

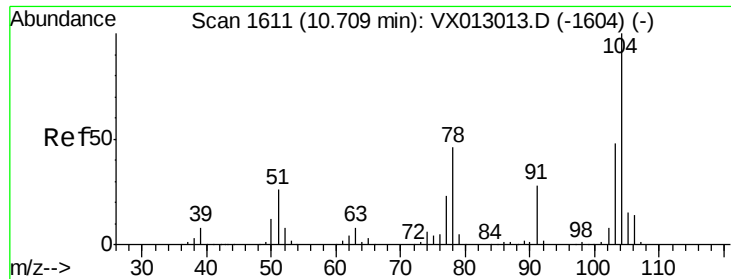
Tot Ion:106 Resp: 728261
Ion Ratio Lower Upper
106 100
91 205.5 165.3 247.9



#69
o-Xylene
Concen: 59.238 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013030.D
Acq: 11 Oct 2019 20:36

Tgt Ion:106 Resp: 189772
Ion Ratio Lower Upper
106 100
91 221.3 109.1 327.3

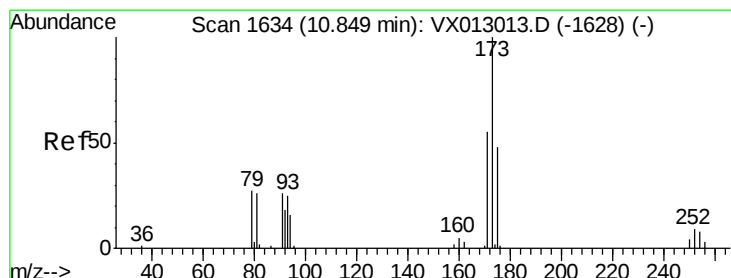
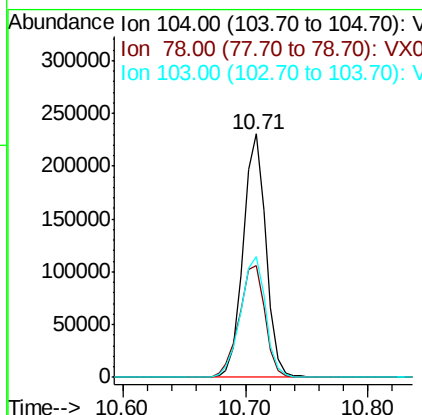
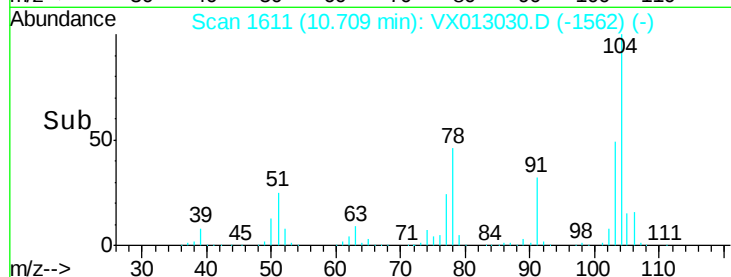
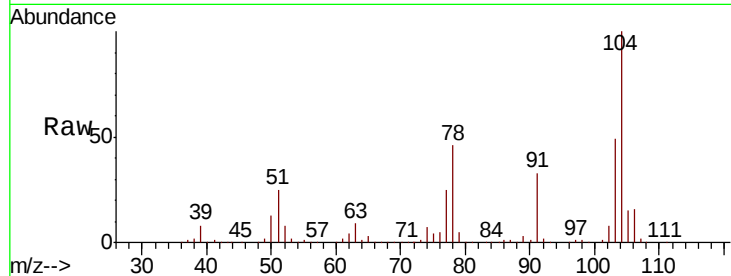




#70
Stvrene
Concen: 54.406 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013030.D
Acq: 11 Oct 2019 20:36

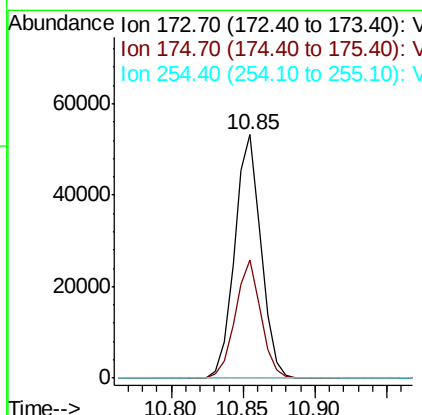
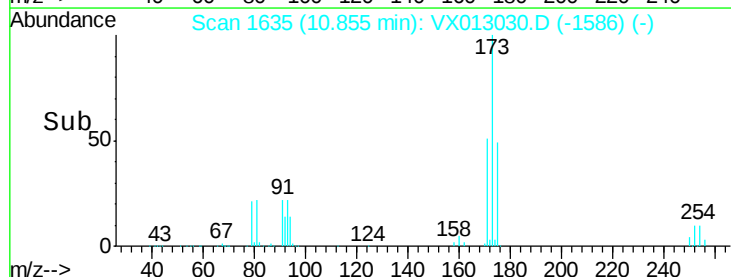
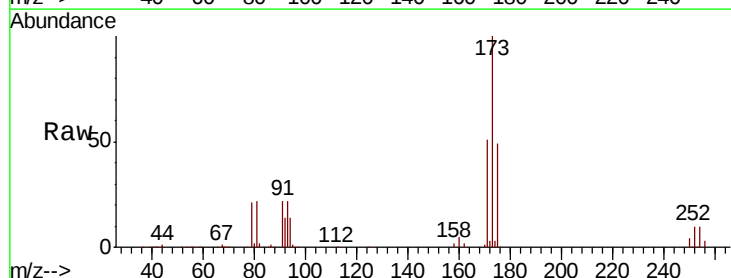
Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW3202MS

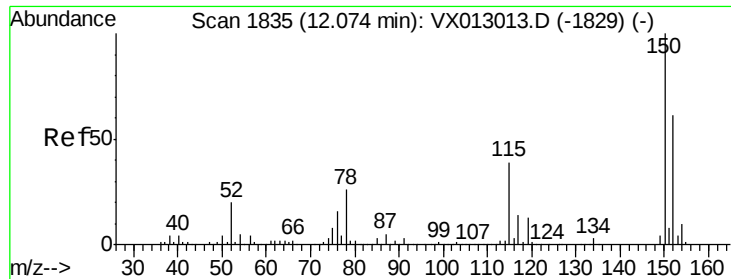
Tot Ion:104 Resp: 296300
Ion Ratio Lower Upper
104 100
78 52.4 41.2 61.8
103 54.5 43.0 64.4



#71
Bromoform
Concen: 46.661 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX013030.D
Acq: 11 Oct 2019 20:36

Tgt Ion:173 Resp: 67904
Ion Ratio Lower Upper
173 100
175 47.3 24.1 72.3
254 0.0 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: VX013030.D

Acq: 11 Oct 2019 20:36

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW3202MS

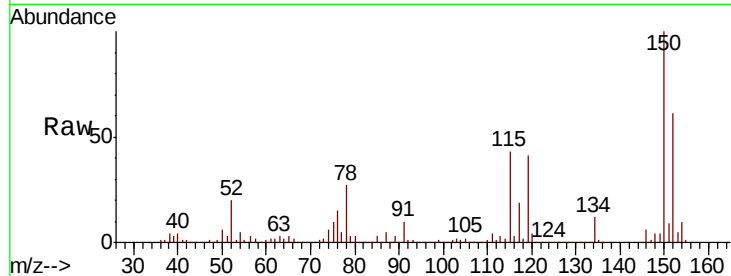
Tot Ion:152 Resp: 117879

Ion Ratio Lower Upper

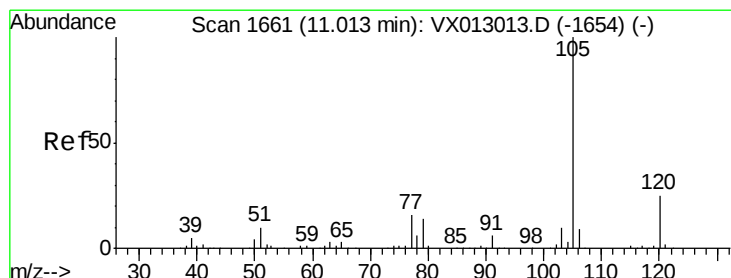
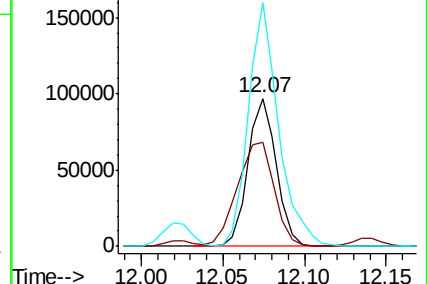
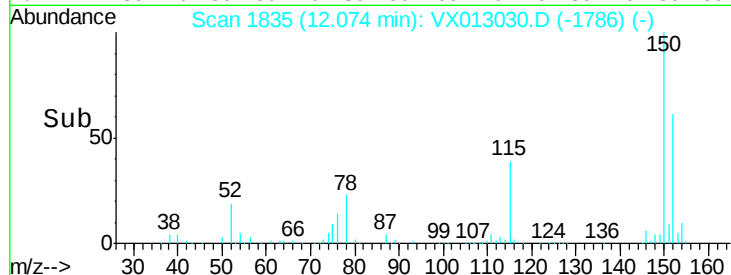
152 100

115 91.4 44.5 133.5

150 175.3 0.0 353.4



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



#73

Isopropylbenzene

Concen: 67.277 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013030.D

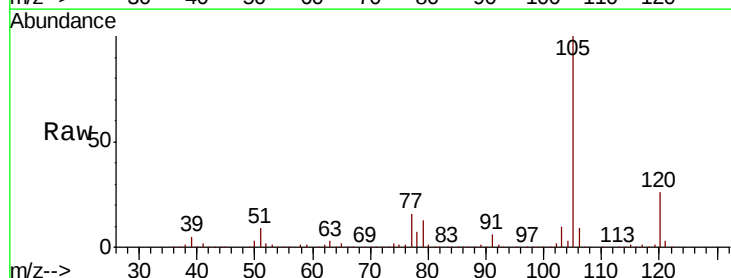
Acq: 11 Oct 2019 20:36

Tgt Ion:105 Resp: 583066

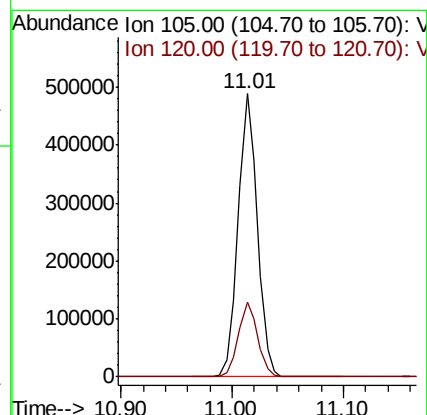
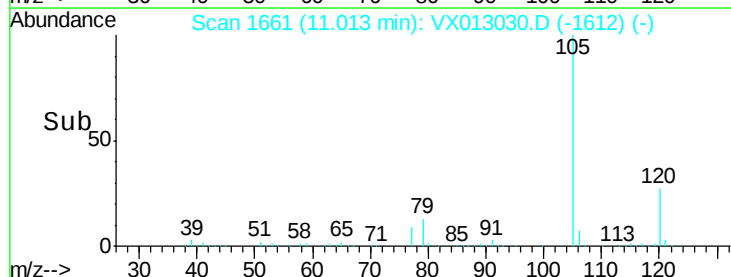
Ion Ratio Lower Upper

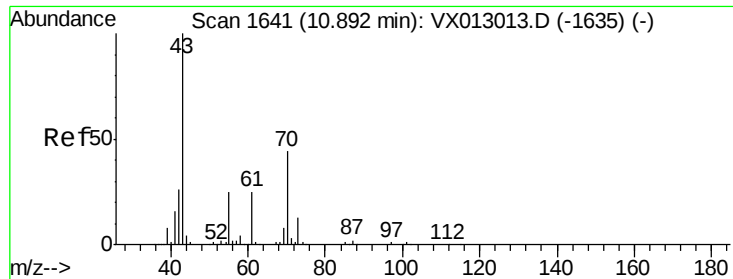
105 100

120 26.2 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 52.567 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013030.D

Acq: 11 Oct 2019 20:36

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW3202MS

Tot Ion: 43 Resp: 196210

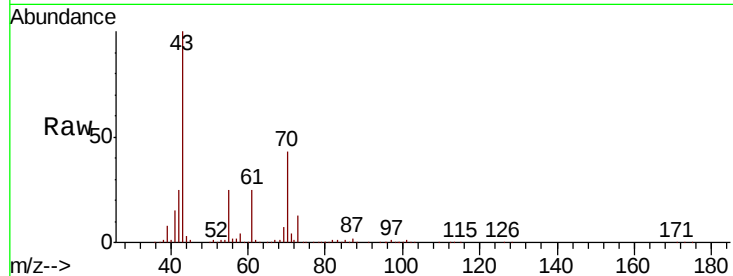
Ion Ratio Lower Upper

43 100

70 45.7 36.4 54.6

55 27.5 20.2 30.2

61 25.1 20.5 30.7

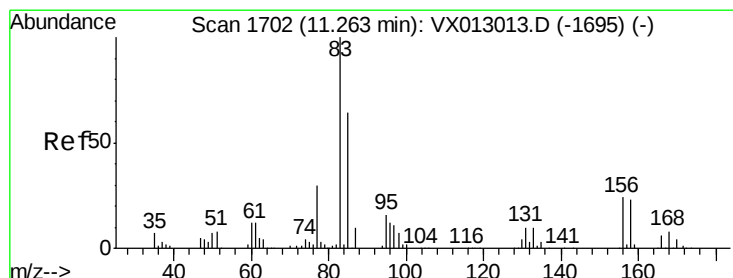
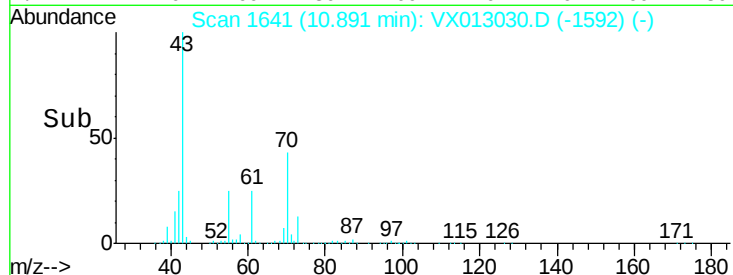
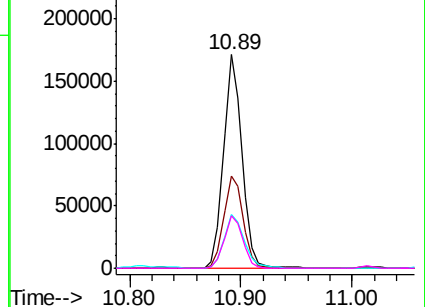


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 53.596 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013030.D

Acq: 11 Oct 2019 20:36

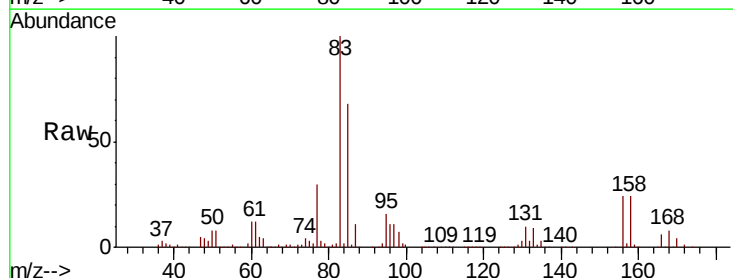
Tgt Ion: 83 Resp: 154494

Ion Ratio Lower Upper

83 100

131 10.1 5.1 15.3

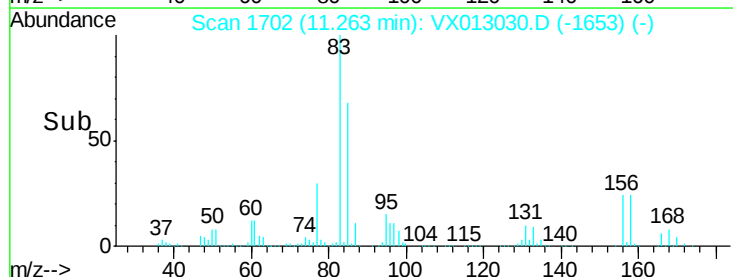
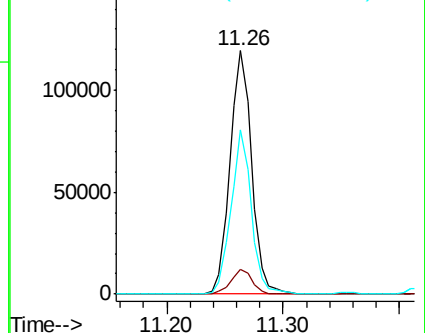
85 63.6 32.1 96.5

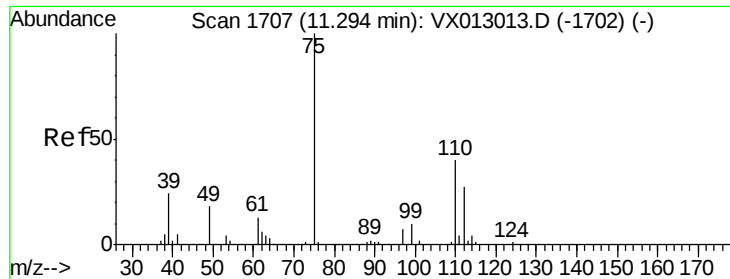


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

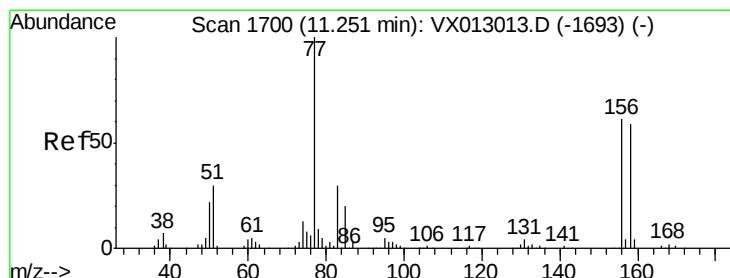
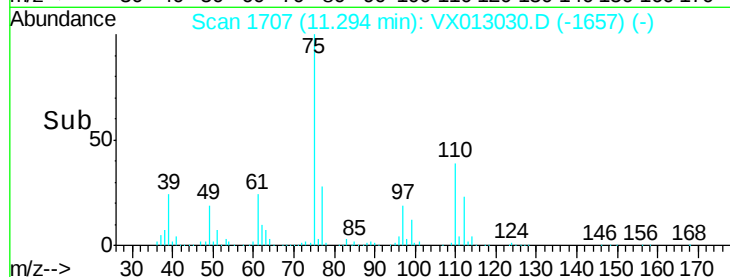
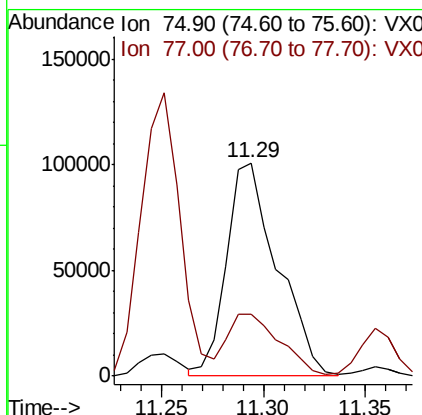
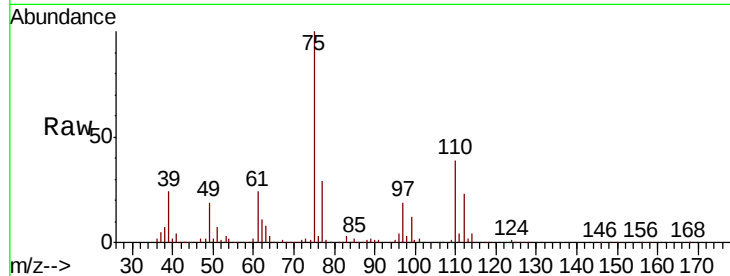




#76
 1,2,3-Trichloropropane
 Concen: 66.671 ug/l
 RT: 11.29 min Scan# 1707
 Delta R.T. 0.01 min
 Lab File: VX013030.D
 Acq: 11 Oct 2019 20:36

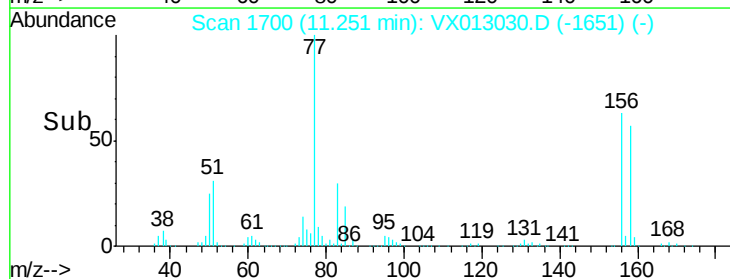
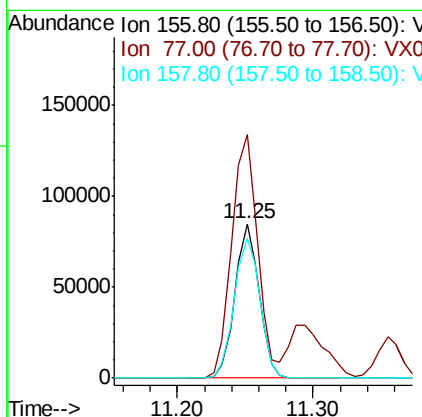
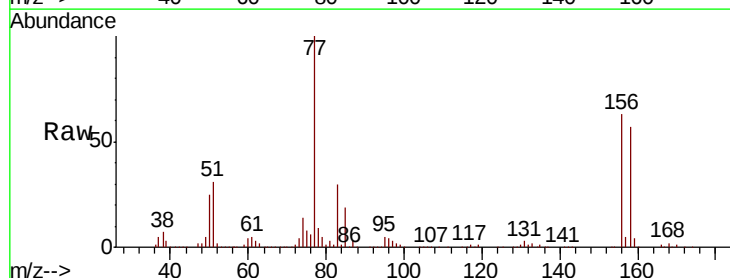
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW3202MS

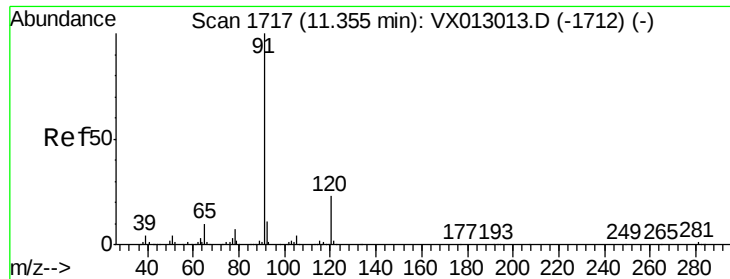
Tot Ion: 75 Resp: 174315
 Ion Ratio Lower Upper
 75 100
 77 30.0 22.9 68.8



#77
 Bromobenzene
 Concen: 51.435 ug/l
 RT: 11.25 min Scan# 1700
 Delta R.T. -0.00 min
 Lab File: VX013030.D
 Acq: 11 Oct 2019 20:36

Tgt Ion: 156 Resp: 105045
 Ion Ratio Lower Upper
 156 100
 77 170.4 83.7 251.0
 158 96.5 48.6 145.9





#78

n-propylbenzene

Concen: 71.590 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013030.D

Acq: 11 Oct 2019 20:36

Instrument :

MSVOA_X

ClientSampleId :

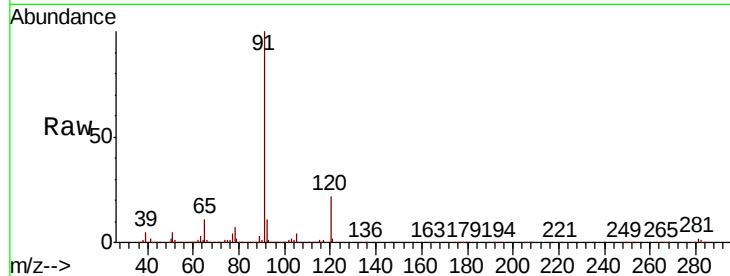
FA19-JMW3202MS

Tot Ion: 91 Resp: 682719

Ion Ratio Lower Upper

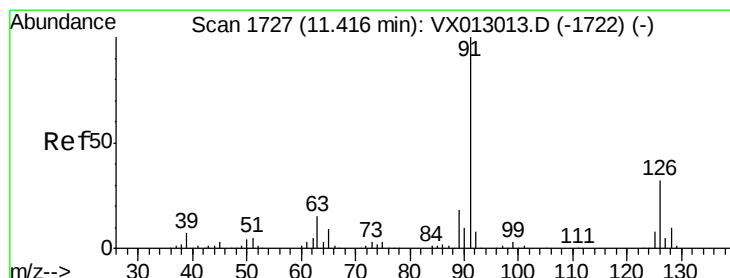
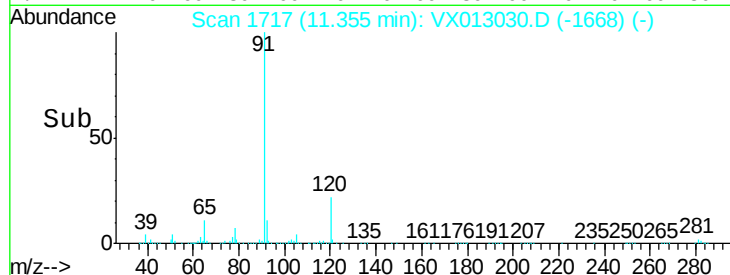
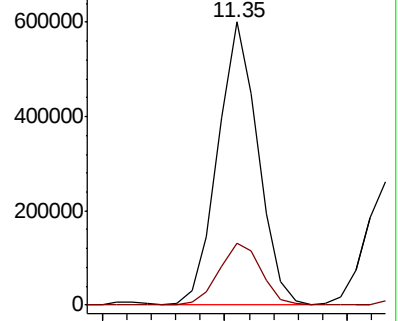
91 100

120 23.2 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 59.995 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013030.D

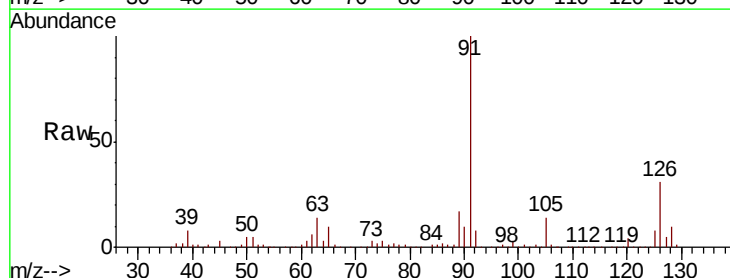
Acq: 11 Oct 2019 20:36

Tgt Ion: 91 Resp: 359573

Ion Ratio Lower Upper

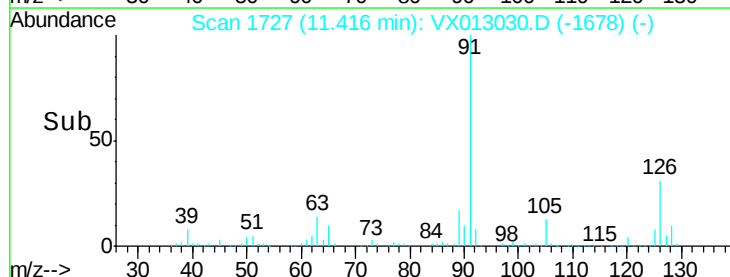
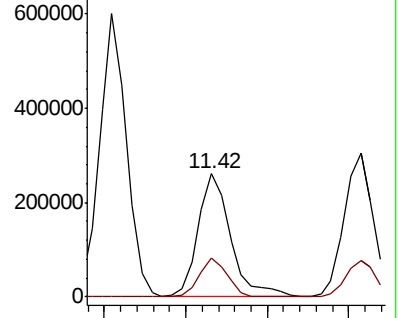
91 100

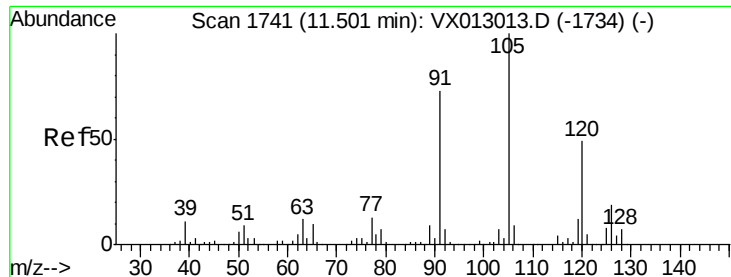
126 27.7 16.3 48.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

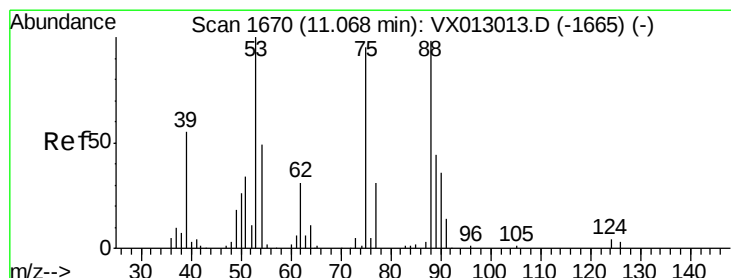
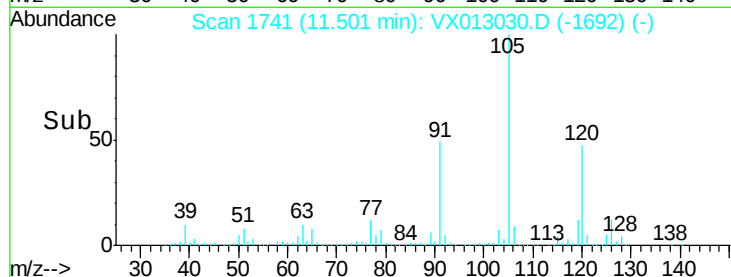
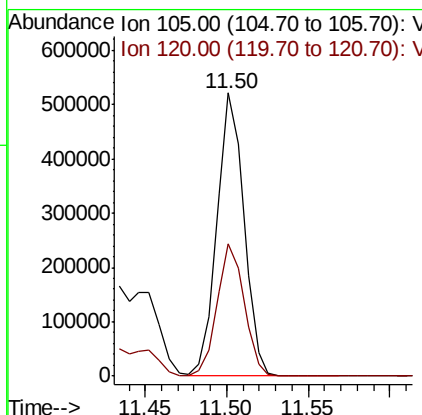
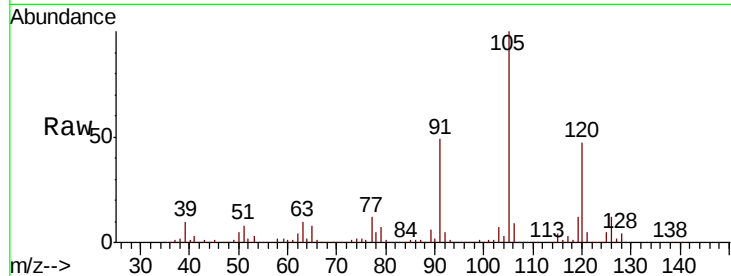




#80
 1,3,5-Trimethylbenzene
 Concen: 83.531 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX013030.D
 Acq: 11 Oct 2019 20:36

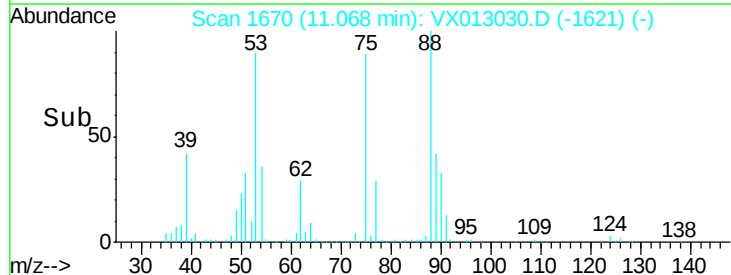
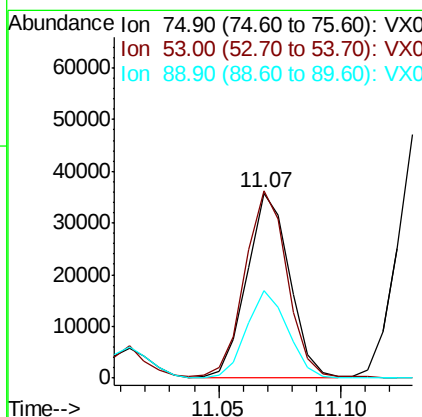
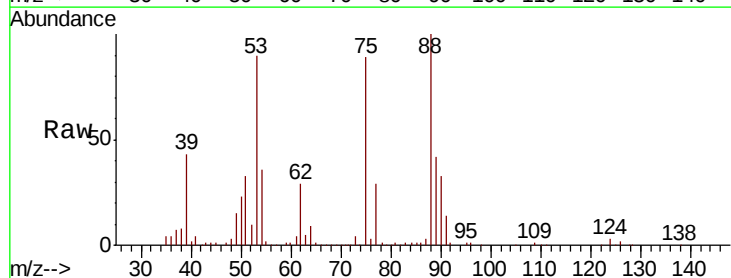
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW3202MS

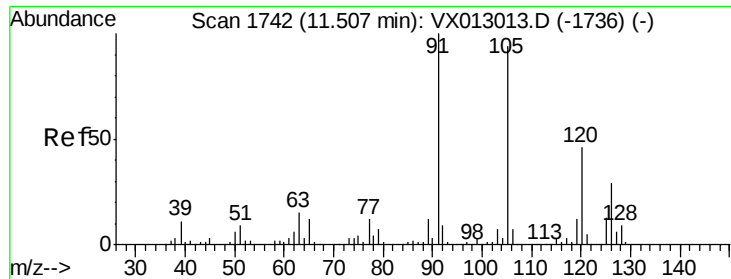
Tot Ion:105 Resp: 604487
 Ion Ratio Lower Upper
 105 100
 120 46.8 24.8 74.3



#81
 trans-1,4-Dichloro-2-butene
 Concen: 43.249 ug/l
 RT: 11.07 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: VX013030.D
 Acq: 11 Oct 2019 20:36

Tgt Ion: 75 Resp: 43363
 Ion Ratio Lower Upper
 75 100
 53 101.4 78.5 117.7
 89 46.7 37.4 56.2

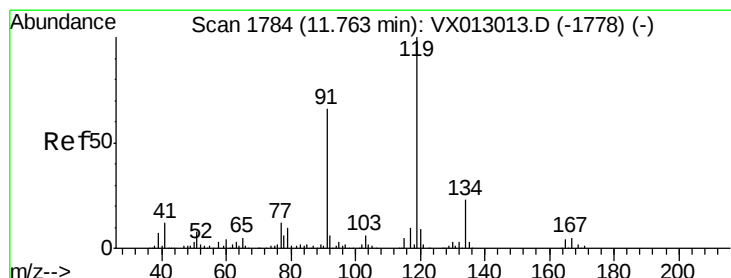
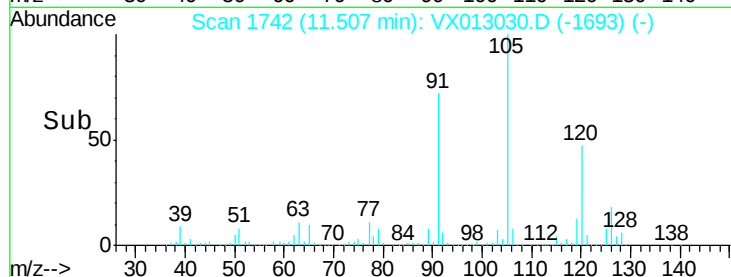
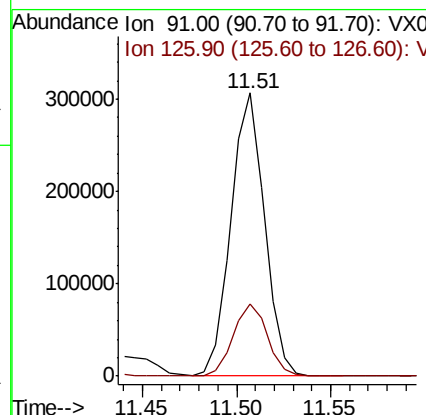
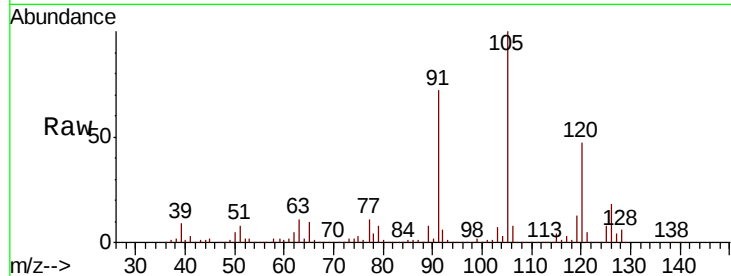




#82
4-Chlorotoluene
Concen: 55.218 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX013030.D
Acq: 11 Oct 2019 20:36

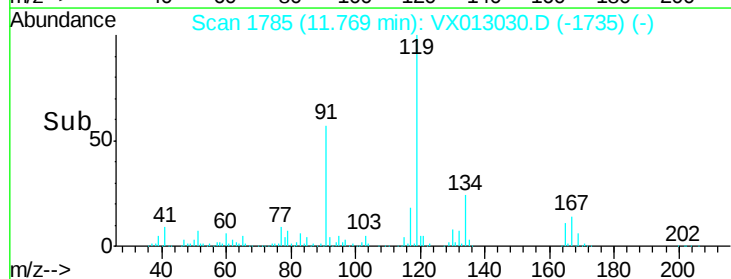
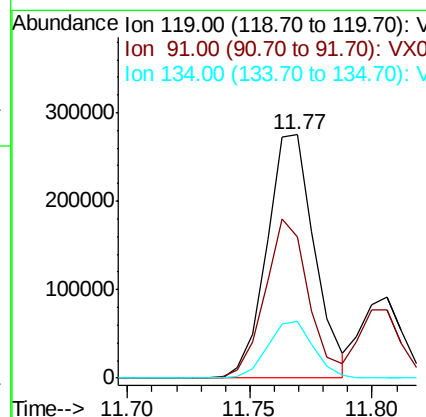
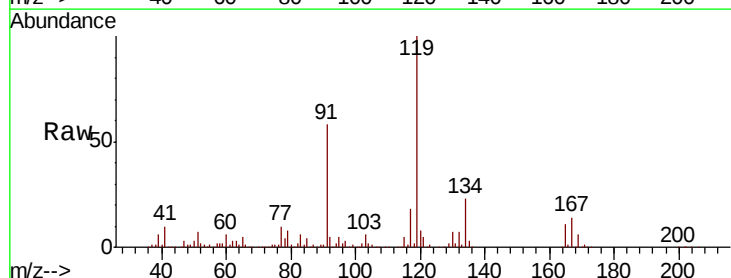
Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW3202MS

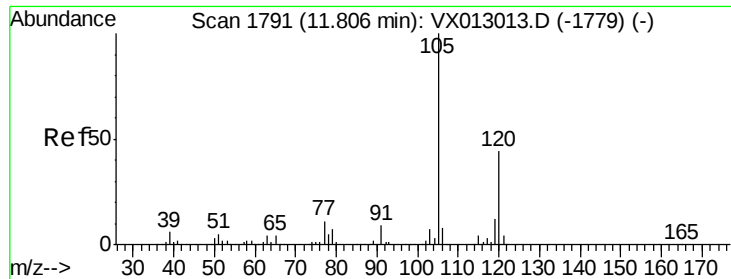
Tot Ion: 91 Resp: 379325
Ion Ratio Lower Upper
91 100
126 26.0 14.2 42.6



#83
tert-Butylbenzene
Concen: 53.236 ug/l
RT: 11.77 min Scan# 1785
Delta R.T. 0.01 min
Lab File: VX013030.D
Acq: 11 Oct 2019 20:36

Tgt Ion: 119 Resp: 375811
Ion Ratio Lower Upper
119 100
91 60.1 29.3 87.9
134 22.6 11.5 34.4

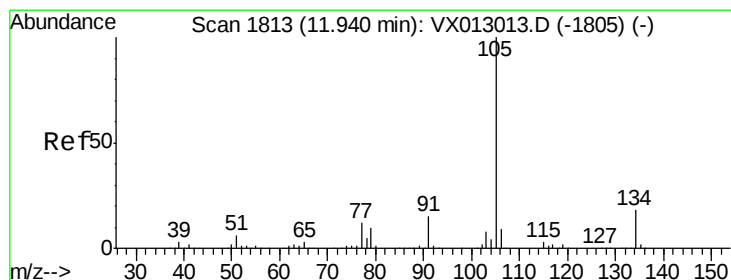
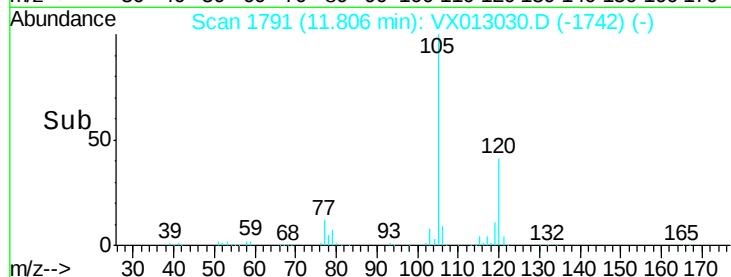
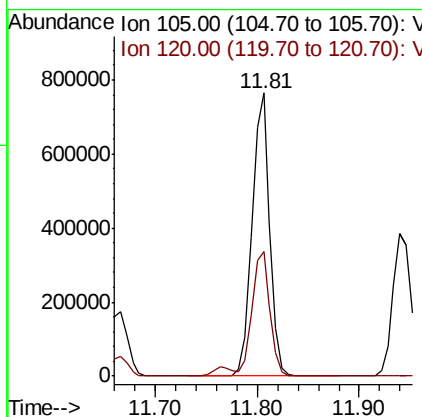
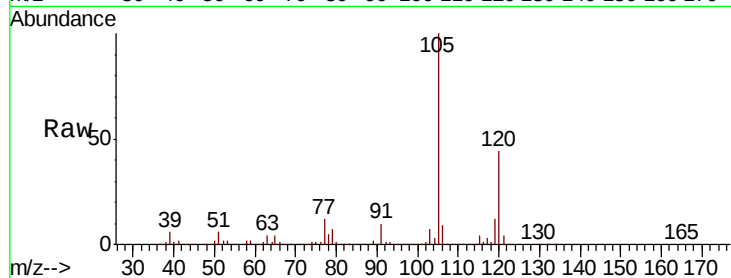




#84
 1,2,4-Trimethylbenzene
 Concen: 125.526 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX013030.D
 Acq: 11 Oct 2019 20:36

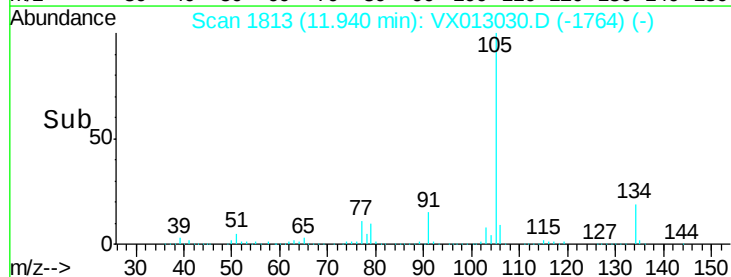
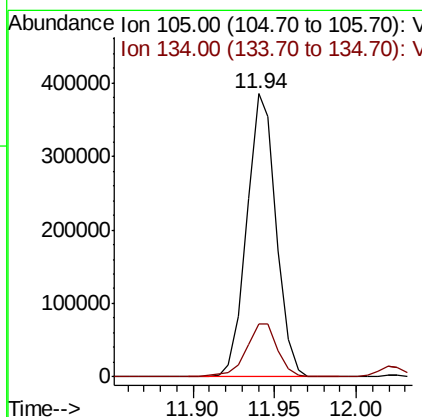
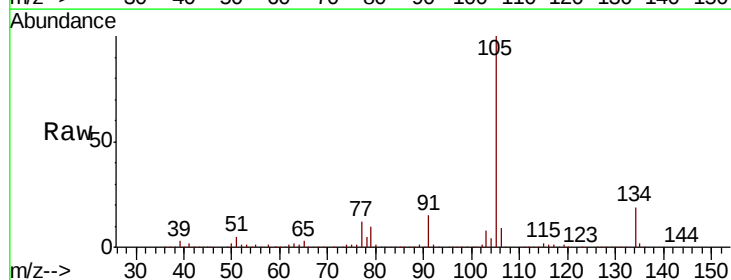
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW3202MS

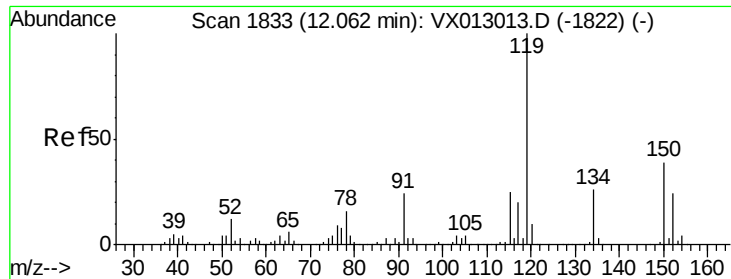
Tot Ion:105 Resp: 920000
 Ion Ratio Lower Upper
 105 100
 120 44.9 21.8 65.3



#85
 sec-Butylbenzene
 Concen: 58.867 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX013030.D
 Acq: 11 Oct 2019 20:36

Tgt Ion:105 Resp: 481444
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.0 30.0

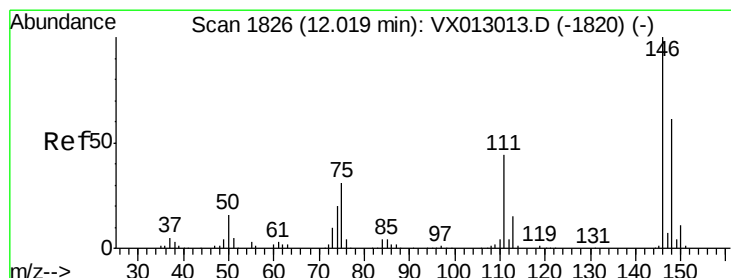
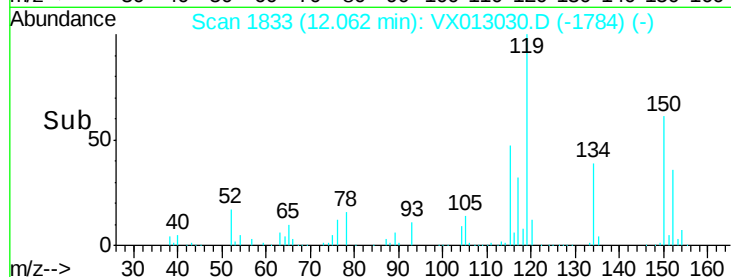
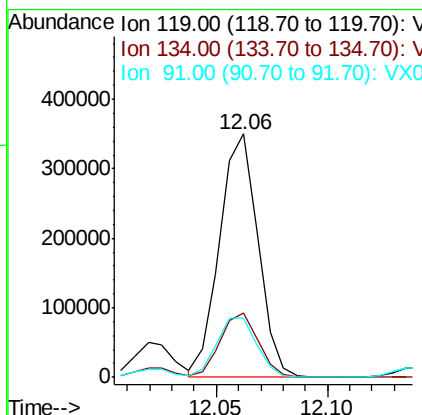
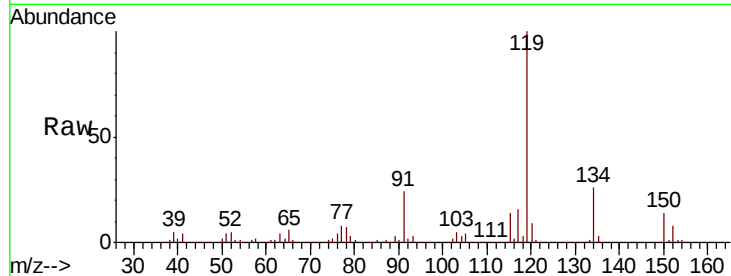




#86
p-Isopropyltoluene
Concen: 55.356 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VX013030.D
Acq: 11 Oct 2019 20:36

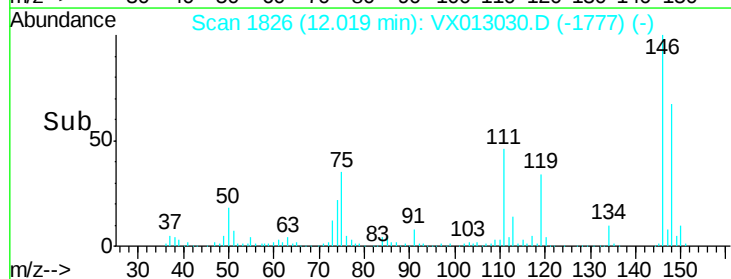
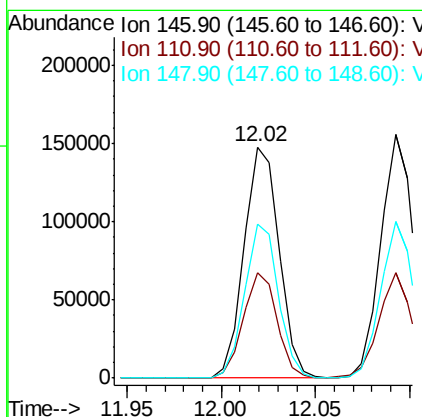
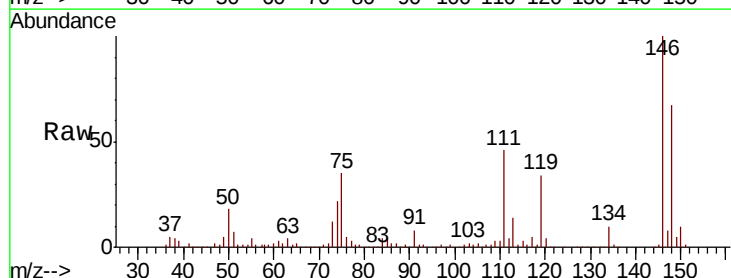
Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW3202MS

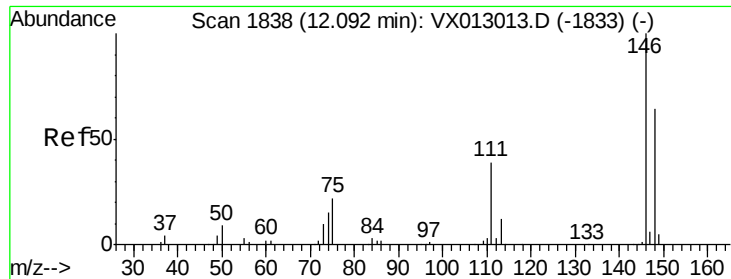
Tot Ion:119 Resp: 419887
Ion Ratio Lower Upper
119 100
134 26.2 12.6 37.8
91 25.4 12.4 37.4



#87
1,3-Dichlorobenzene
Concen: 50.342 ug/l
RT: 12.02 min Scan# 1826
Delta R.T. 0.00 min
Lab File: VX013030.D
Acq: 11 Oct 2019 20:36

Tgt Ion:146 Resp: 190923
Ion Ratio Lower Upper
146 100
111 44.3 21.1 63.4
148 64.5 31.6 95.0





#88

1,4-Dichlorobenzene

Concen: 49.746 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VX013030.D

Acq: 11 Oct 2019 20:36

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW3202MS

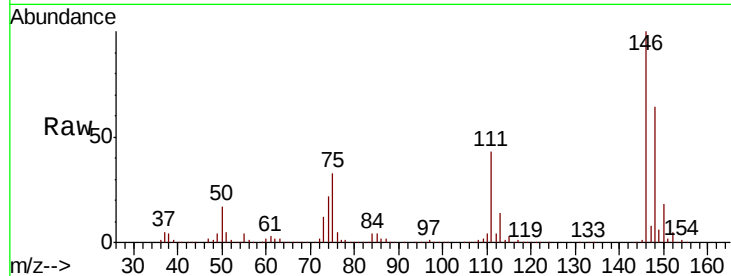
Tot Ion:146 Resp: 191071

Ion Ratio Lower Upper

146 100

111 42.9 21.4 64.3

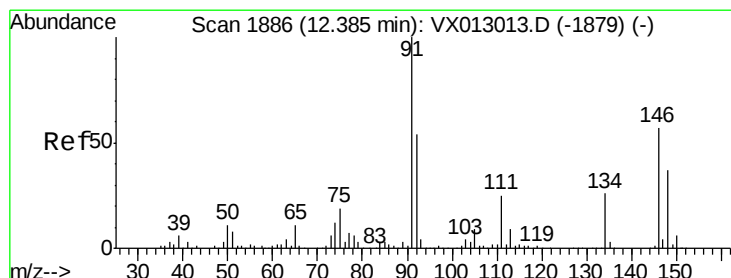
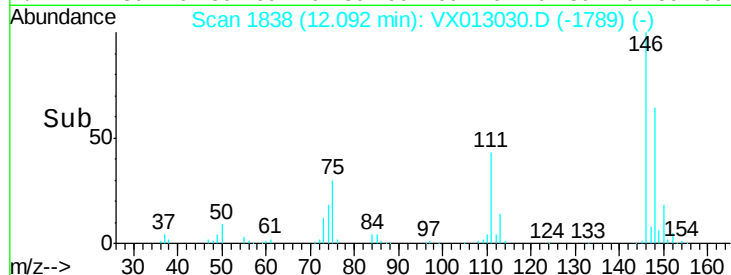
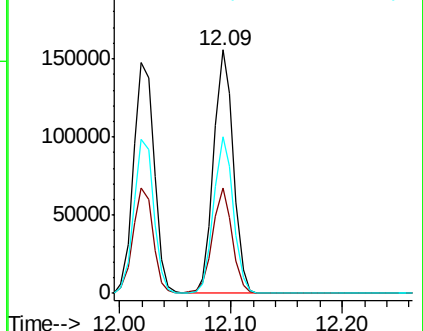
148 64.3 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 60.255 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013030.D

Acq: 11 Oct 2019 20:36

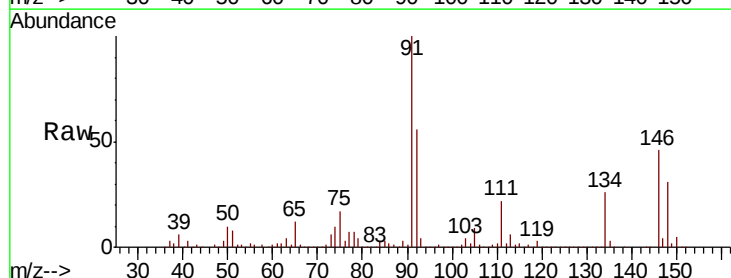
Tgt Ion: 91 Resp: 384127

Ion Ratio Lower Upper

91 100

92 54.0 27.5 82.5

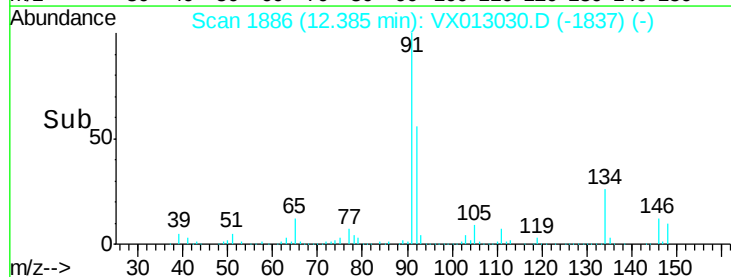
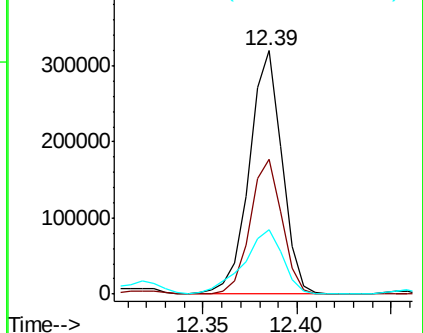
134 32.0 12.9 38.7

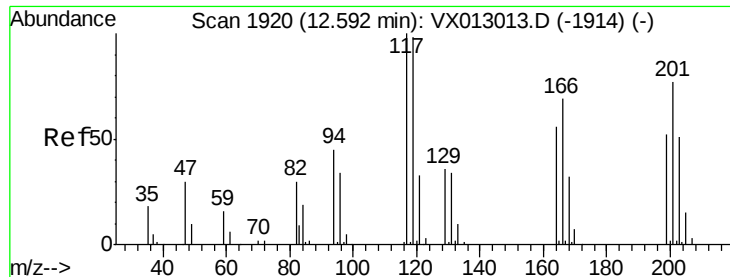


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 51.425 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX013030.D

Acq: 11 Oct 2019 20:36

Instrument :

MSVOA_X

ClientSampleId :

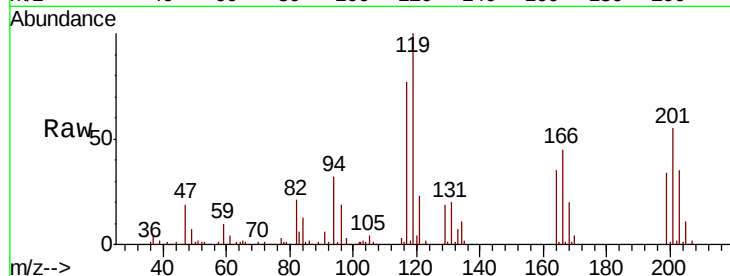
FA19-JMW3202MS

Tot Ion:117 Resp: 72333

Ion Ratio Lower Upper

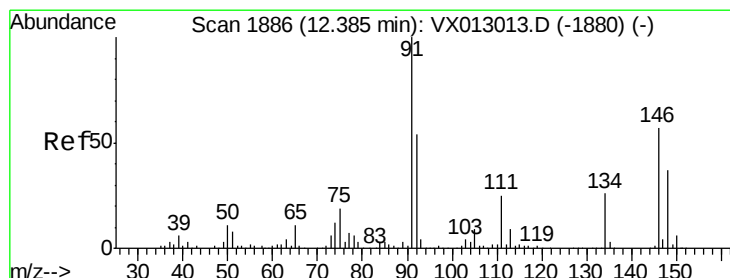
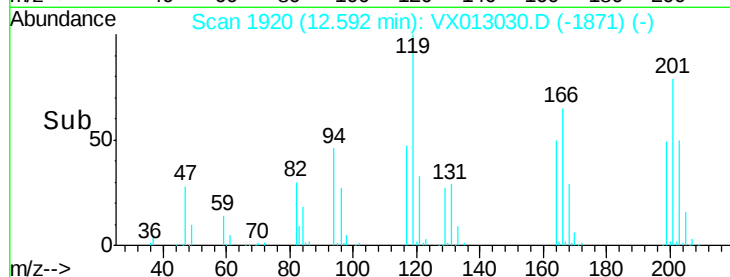
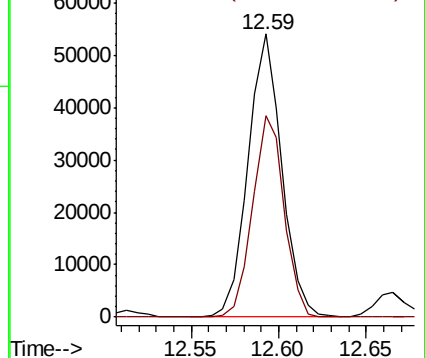
117 100

201 66.3 36.9 110.7



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 51.309 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013030.D

Acq: 11 Oct 2019 20:36

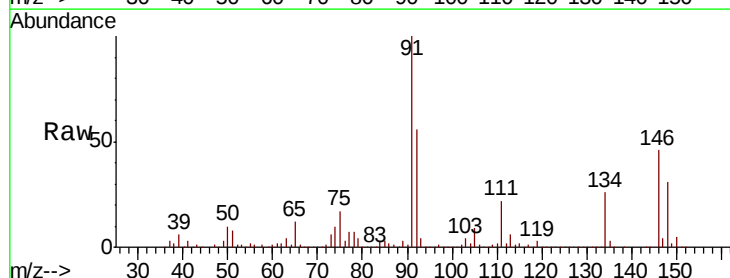
Tgt Ion:146 Resp: 190770

Ion Ratio Lower Upper

146 100

111 46.4 22.7 68.0

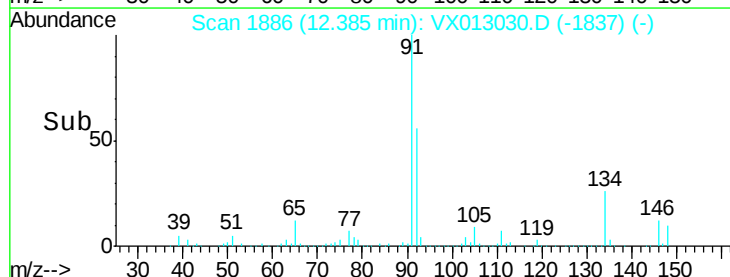
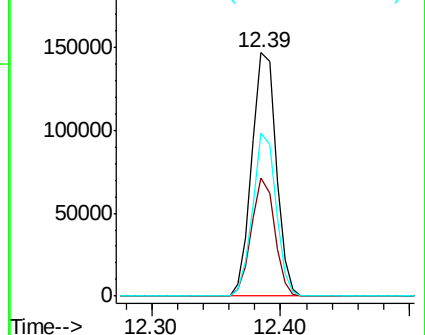
148 64.1 31.6 94.7

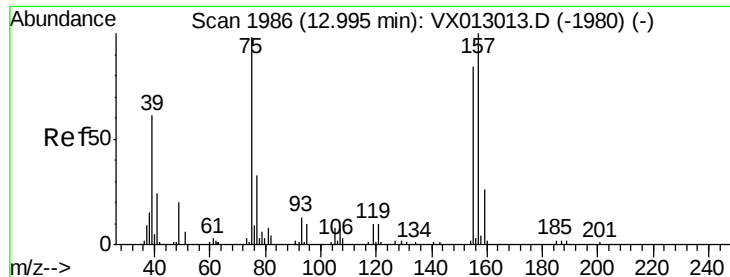


Abundance Ion 145.90 (145.60 to 146.60): V

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: 55.399 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX013030.D

Acq: 11 Oct 2019 20:36

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW3202MS

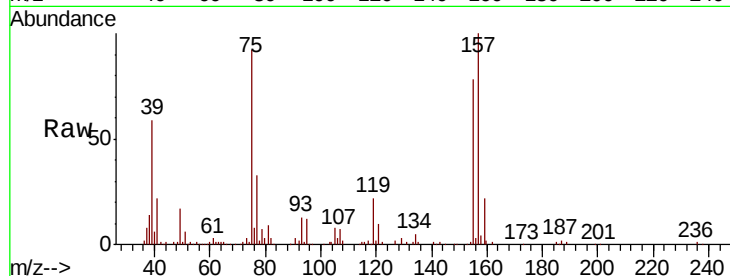
Tot Ion: 75 Resp: 37429

Ion Ratio Lower Upper

75 100

155 82.5 43.0 128.8

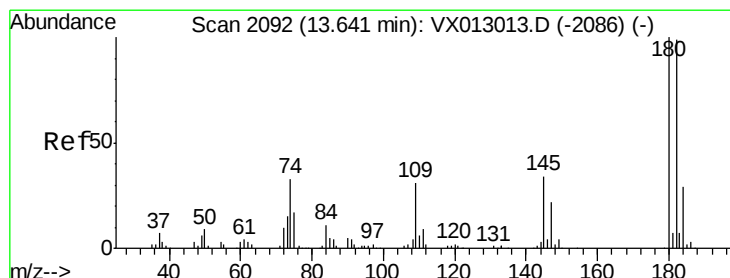
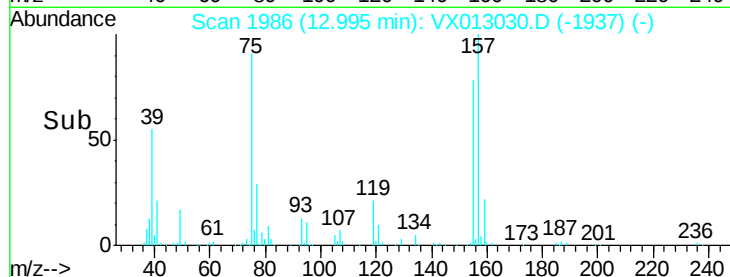
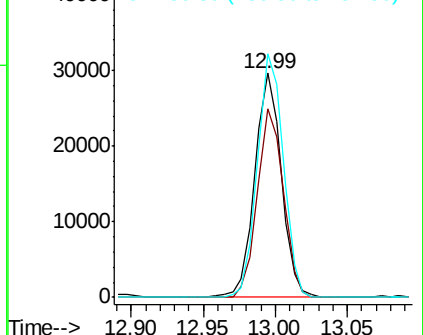
157 106.3 54.1 162.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 53.092 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. -0.00 min

Lab File: VX013030.D

Acq: 11 Oct 2019 20:36

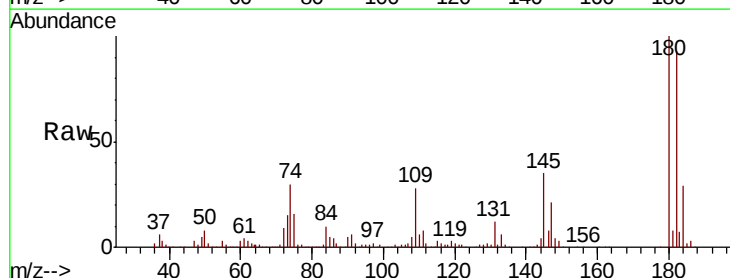
Tgt Ion:180 Resp: 123655

Ion Ratio Lower Upper

180 100

182 93.9 46.8 140.4

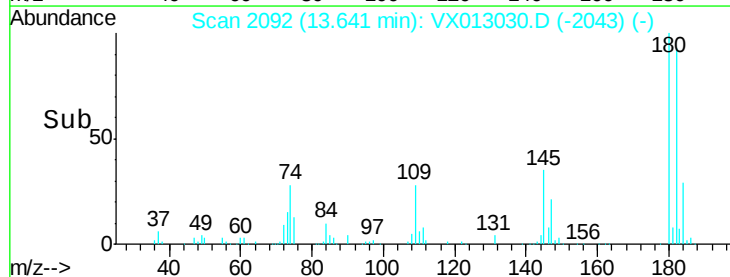
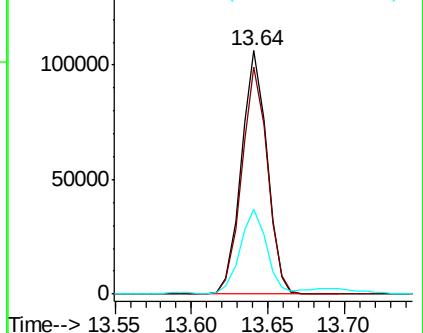
145 35.9 16.2 48.6

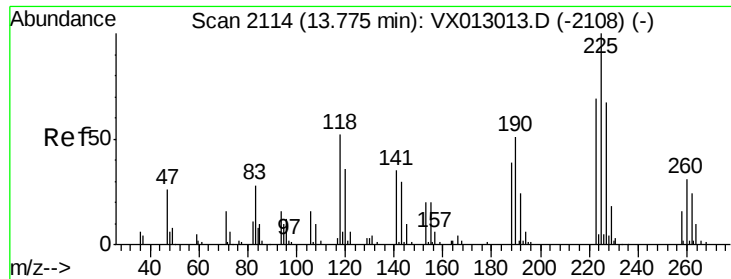


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 48.985 ug/l

RT: 13.78 min Scan# 2114

Delta R.T. -0.01 min

Lab File: VX013030.D

Acq: 11 Oct 2019 20:36

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW3202MS

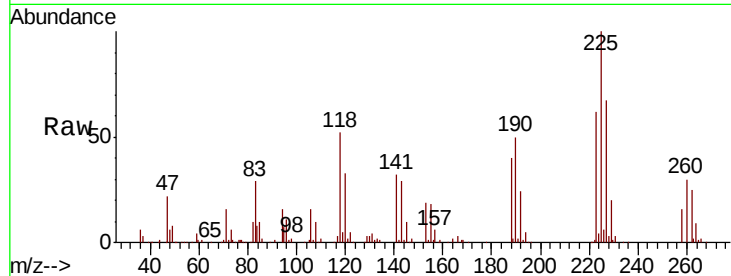
Tot Ion:225 Resp: 52653

Ion Ratio Lower Upper

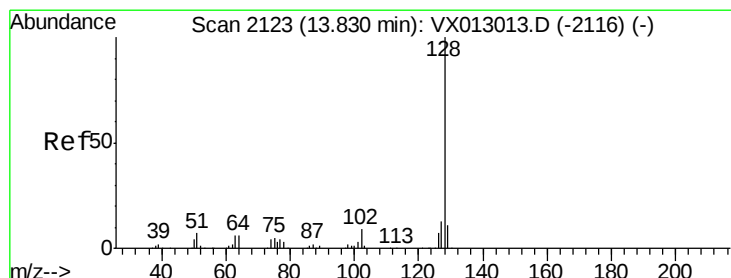
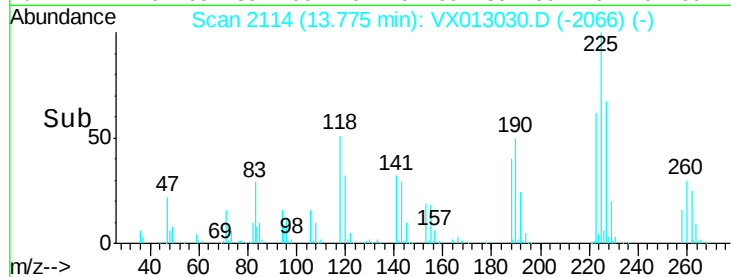
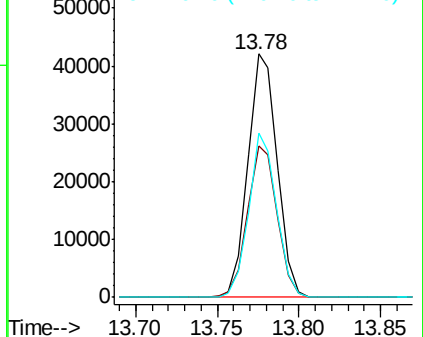
225 100

223 62.9 31.1 93.2

227 64.1 32.3 96.9



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: 61.867 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX013030.D

Acq: 11 Oct 2019 20:36

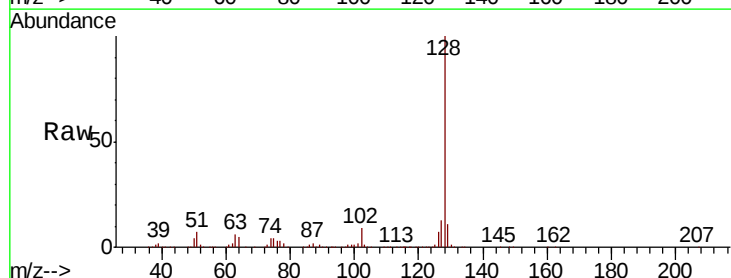
Tgt Ion:128 Resp: 499496

Ion Ratio Lower Upper

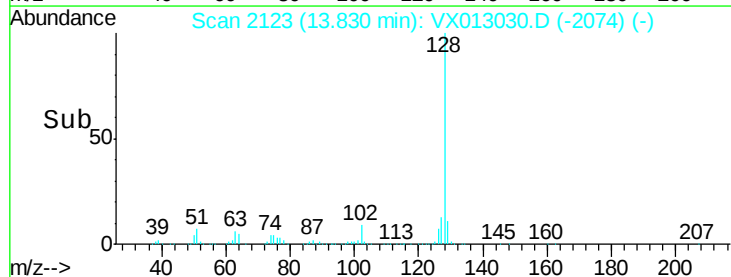
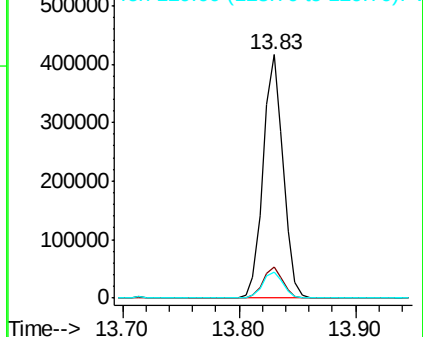
128 100

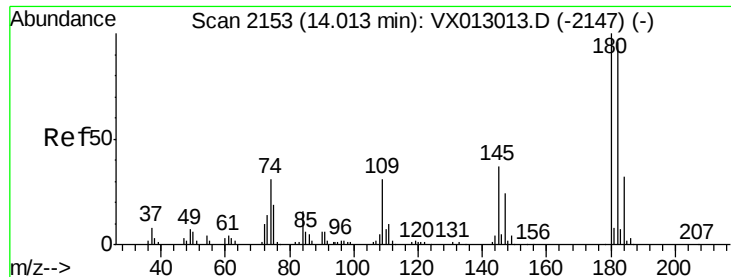
127 12.7 10.2 15.4

129 11.1 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: 52.283 ug/l
 RT: 14.01 min Scan# 2153
 Delta R.T. -0.00 min
 Lab File: VX013030.D
 Acq: 11 Oct 2019 20:36

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW3202MS

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.5	47.5	142.5
145	37.2	17.4	52.3

