

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101119\
 Data File : VX013031.D
 Acq On : 11 Oct 2019 21:00
 Operator : JC/SP
 Sample : K5313-10MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW3202MSD

Quant Time: Oct 11 23:30:44 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	157627	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	267982	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	242612	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	115144	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	99926	50.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.44%	
35) Dibromofluoromethane	5.49	113	79290	51.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.10%	
50) Toluene-d8	8.71	98	302314	50.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.80%	
62) 4-Bromofluorobenzene	11.14	95	118652	50.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	77461	48.211	ug/l	99
3) Chloromethane	1.32	50	86130	49.256	ug/l	96
4) Vinyl Chloride	1.40	62	117796	65.267	ug/l	99
5) Bromomethane	1.63	94	36966	49.271	ug/l	97
6) Chloroethane	1.71	64	54595	49.525	ug/l	97
7) Trichlorofluoromethane	1.92	101	127909	52.508	ug/l	99
8) Diethyl Ether	2.18	74	50813	51.678	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	78284	49.655	ug/l	100
10) Methyl Iodide	2.50	142	97083	53.913	ug/l	99
11) Tert butyl alcohol	3.03	59	116159	222.414	ug/l	100
12) 1,1-Dichloroethene	2.36	96	83035	52.128	ug/l	97
13) Acrolein	2.28	56	104321	281.074	ug/l	100
14) Allyl chloride	2.72	41	143446	50.567	ug/l	98
15) Acrylonitrile	3.13	53	275027	277.881	ug/l	98
16) Acetone	2.44	43	226188	217.811	ug/l	100
17) Carbon Disulfide	2.56	76	218198	48.040	ug/l	99
18) Methyl Acetate	2.76	43	122135	49.620	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	301558	54.820	ug/l #	33
20) Methylene Chloride	2.84	84	95891	50.245	ug/l #	80
21) trans-1,2-Dichloroethene	3.16	96	90325	52.905	ug/l	99
22) Diisopropyl ether	3.84	45	292375	53.788	ug/l	93
23) Vinyl Acetate	3.80	43	1235780	263.352	ug/l	99
24) 1,1-Dichloroethane	3.69	63	162922	53.277	ug/l	99
25) 2-Butanone	4.66	43	365827	253.920	ug/l	99
26) 2,2-Dichloropropane	4.57	77	117372	45.643	ug/l	94
27) cis-1,2-Dichloroethene	4.58	96	172859	87.836	ug/l	94
28) Bromochloromethane	5.00	49	47501	51.995	ug/l	99
29) Tetrahydrofuran	5.12	42	234808	264.850	ug/l	99
30) Chloroform	5.20	83	167712	53.450	ug/l	99
31) Cyclohexane	5.57	56	523330	183.018	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	146549	55.122	ug/l	98
36) 1,1-Dichloropropene	5.79	75	124419	52.807	ug/l	99
37) Ethyl Acetate	4.82	43	134265	50.962	ug/l	99
38) Carbon Tetrachloride	5.78	117	121832	53.125	ug/l	97

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Quant Time: Oct 11 23:30:44 2019
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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	497321	174.051	ug/l	99
40) Benzene	6.14	78	628580	90.329	ug/l	100
41) Methacrylonitrile	5.03	41	76711	52.989	ug/l	99
42) 1,2-Dichloroethane	6.19	62	138866	55.613	ug/l	99
43) Isopropyl Acetate	6.43	43	230006	54.393	ug/l	99
44) Trichloroethene	7.20	130	99819	51.728	ug/l	91
45) 1,2-Dichloropropane	7.51	63	99522	56.114	ug/l	100
46) Dibromomethane	7.65	93	64845	54.876	ug/l	100
47) Bromodichloromethane	7.89	83	129755	56.268	ug/l	100
48) Methyl methacrylate	7.76	41	126235	61.260	ug/l #	88
49) 1,4-Dioxane	7.73	88	47310	860.607	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	735975	279.156	ug/l	99
52) Toluene	8.78	92	331188	74.392	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	138262	48.129	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	152538	53.783	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	94699	53.750	ug/l	98
56) Ethyl methacrylate	9.17	69	170103	53.774	ug/l	98
57) 1,3-Dichloropropane	9.37	76	164380	53.937	ug/l	100
59) 2-Hexanone	9.49	43	538884	262.576	ug/l	98
60) Dibromochloromethane	9.58	129	98627	50.293	ug/l	99
61) 1,2-Dibromoethane	9.67	107	102696	55.411	ug/l	100
64) Tetrachloroethene	9.33	164	79508	47.249	ug/l	91
65) Chlorobenzene	10.14	112	253944	52.708	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	92787	55.545	ug/l	99
67) Ethyl Benzene	10.25	91	877987	102.593	ug/l	99
68) m/p-Xylenes	10.36	106	730695	228.549	ug/l	99
69) o-Xylene	10.70	106	189884	60.904	ug/l	97
70) Styrene	10.71	104	293430	55.362	ug/l	98
71) Bromoform	10.85	173	66454	46.905	ug/l #	100
73) Isopropylbenzene	11.01	105	598340	70.679	ug/l	100
74) N-amyl acetate	10.89	43	195379	53.588	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	150345	53.396	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	168855	66.117	ug/l	77
77) Bromobenzene	11.25	156	104160	52.213	ug/l	97
78) n-propylbenzene	11.35	91	679377	72.931	ug/l	99
79) 2-Chlorotoluene	11.42	91	355127	60.660	ug/l	92
80) 1,3,5-Trimethylbenzene	11.50	105	614135	86.880	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	43389	44.204	ug/l	99
82) 4-Chlorotoluene	11.51	91	387816	57.795	ug/l	96
83) tert-Butylbenzene	11.77	119	371618	53.893	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	932651	130.275	ug/l	100
85) sec-Butylbenzene	11.94	105	476788	59.682	ug/l	98
86) p-Isopropyltoluene	12.06	119	427128	57.649	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	192009	51.831	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	195368	52.073	ug/l	98
89) n-Butylbenzene	12.39	91	381195	61.216	ug/l	94
90) Hexachloroethane	12.59	117	73888	53.681	ug/l	89
91) 1,2-Dichlorobenzene	12.39	146	192443	52.989	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	36924	55.950	ug/l	98
93) 1,2,4-Trichlorobenzene	13.64	180	122940	54.039	ug/l	96

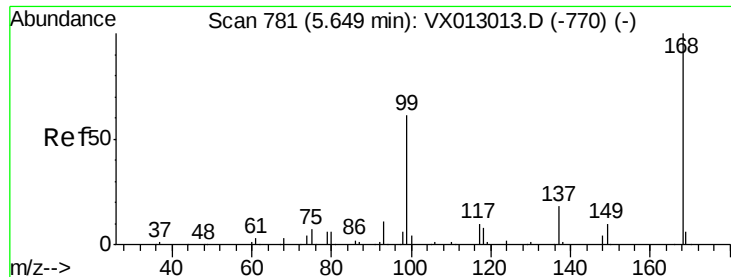
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101119\
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Quant Title : SW846 8260
QLast Update : Fri Oct 11 09:48:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	54513	51.920	ug/l	99
95) Naphthalene	13.83	128	505694	64.122	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	124975	53.158	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX013031.D

Acq: 11 Oct 2019 21:00

Instrument :

MSVOA_X

ClientSampleId :

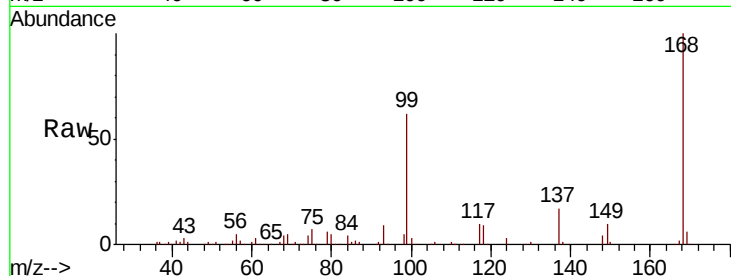
FA19-JMW3202MSD

Tot Ion:168 Resp: 157627

Ion Ratio Lower Upper

168 100

99 61.3 49.4 74.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

50000

40000

30000

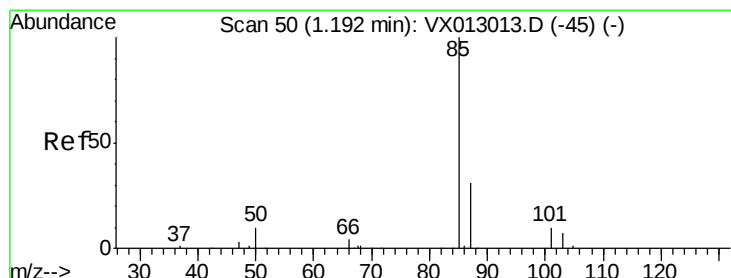
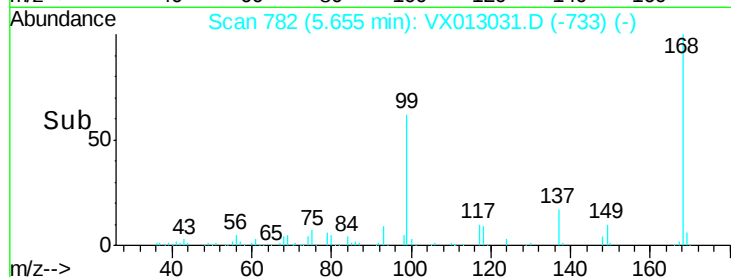
20000

10000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 48.211 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.01 min

Lab File: VX013031.D

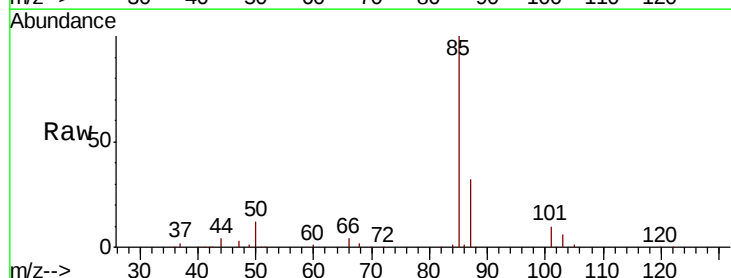
Acq: 11 Oct 2019 21:00

Tgt Ion: 85 Resp: 77461

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

1.19

80000

60000

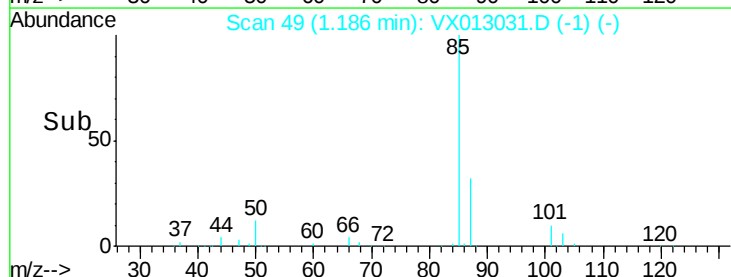
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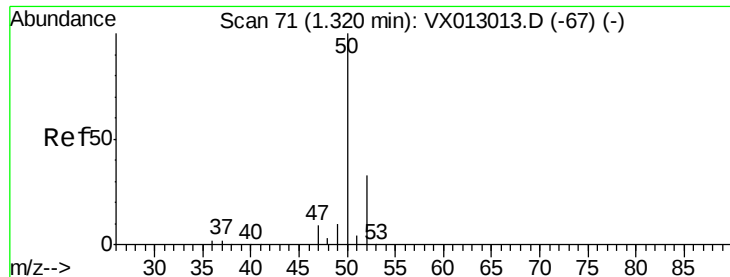
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Time-->

1.15 1.20 1.25 1.30

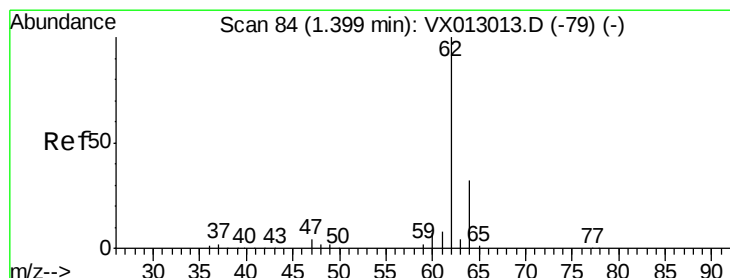
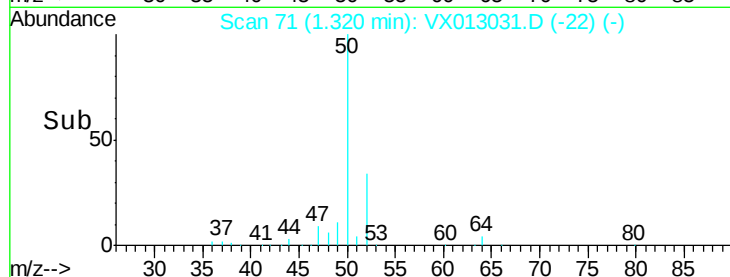
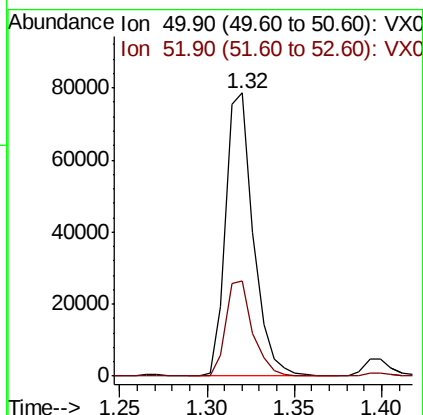
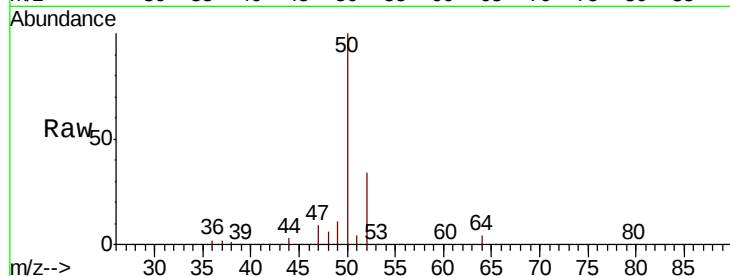




#3
Chloromethane
Concen: 49.256 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX013031.D
Acq: 11 Oct 2019 21:00

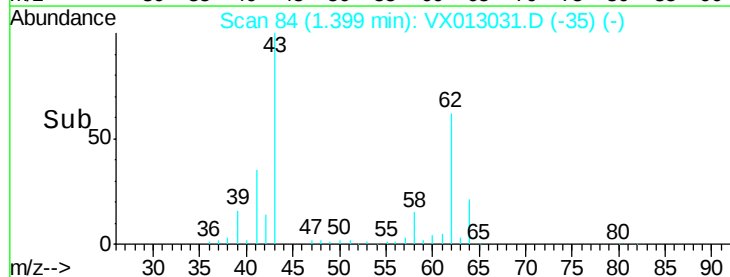
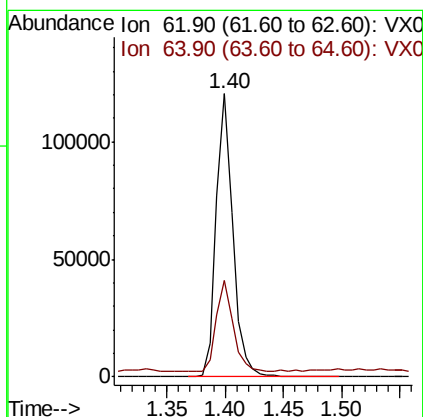
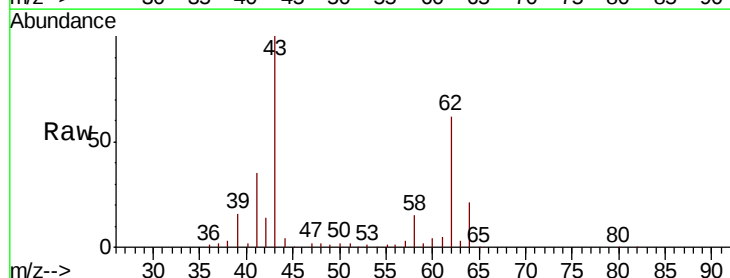
Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW3202MSD

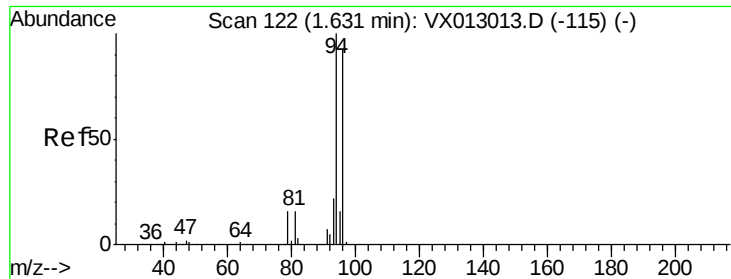
Tot Ion: 50 Resp: 86130
Ion Ratio Lower Upper
50 100
52 33.7 25.2 37.8



#4
Vinyl Chloride
Concen: 65.267 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX013031.D
Acq: 11 Oct 2019 21:00

Tgt Ion: 62 Resp: 117796
Ion Ratio Lower Upper
62 100
64 32.3 25.3 37.9





#5

Bromomethane

Concen: 49.271 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX013031.D

Acq: 11 Oct 2019 21:00

Instrument :

MSVOA_X

ClientSampleId :

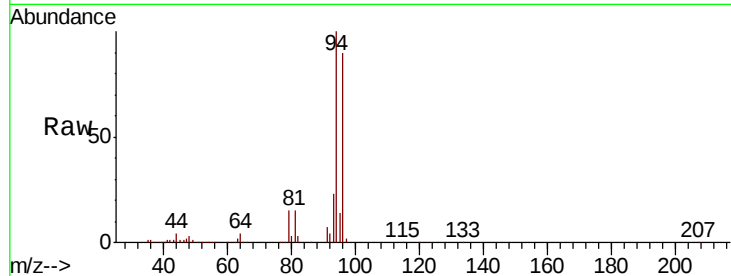
FA19-JMW3202MSD

Tot Ion: 94 Resp: 36966

Ion Ratio Lower Upper

94 100

96 90.1 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

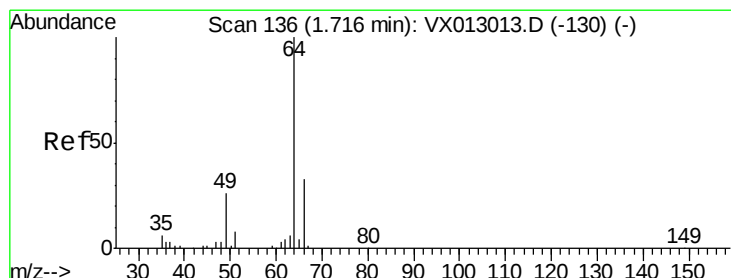
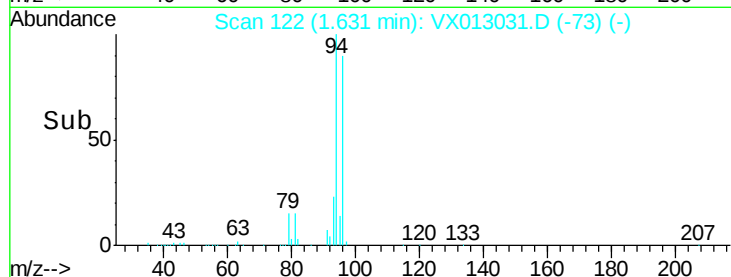
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10000

0

1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: 49.525 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX013031.D

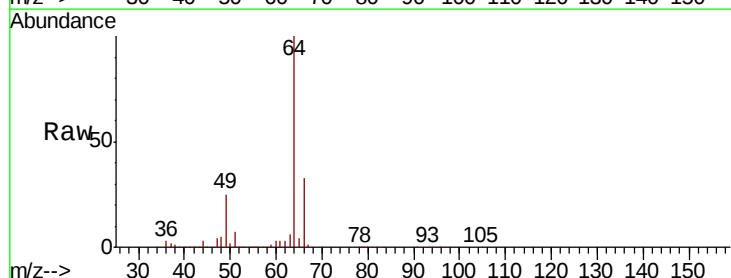
Acq: 11 Oct 2019 21:00

Tgt Ion: 64 Resp: 54595

Ion Ratio Lower Upper

64 100

66 33.5 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

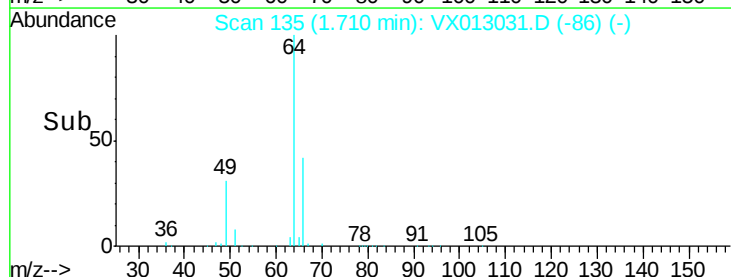
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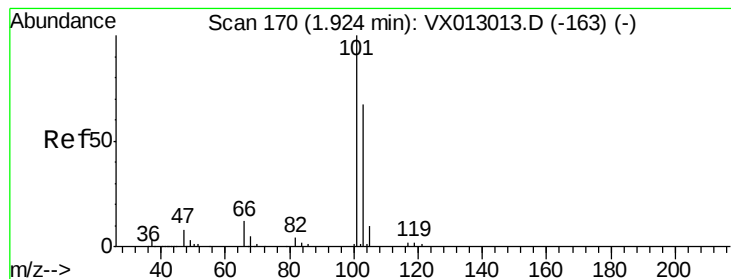
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0

1.65 1.70 1.75

Time-->



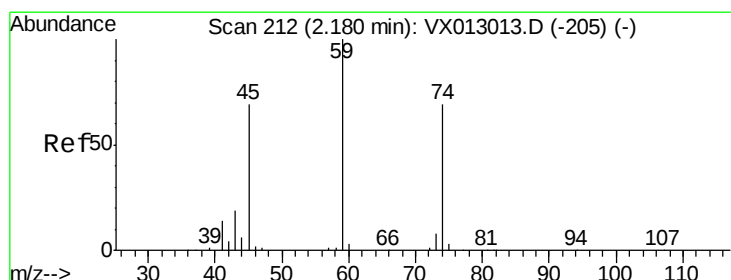
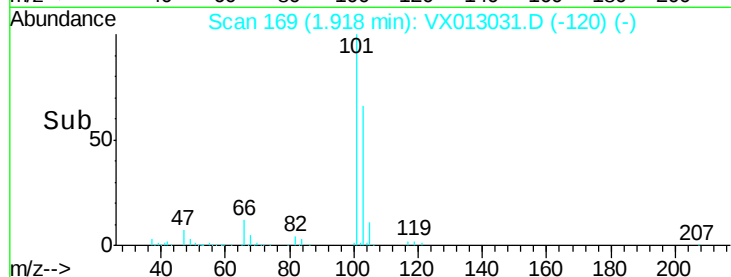
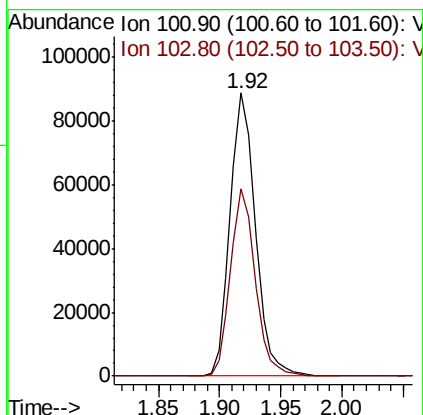
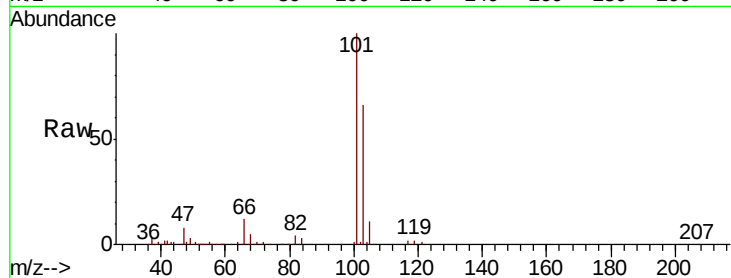


#7

Trichlorofluoromethane
 Concen: 52.508 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. 0.00 min
 Lab File: VX013031.D
 Acq: 11 Oct 2019 21:00

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW3202MSD

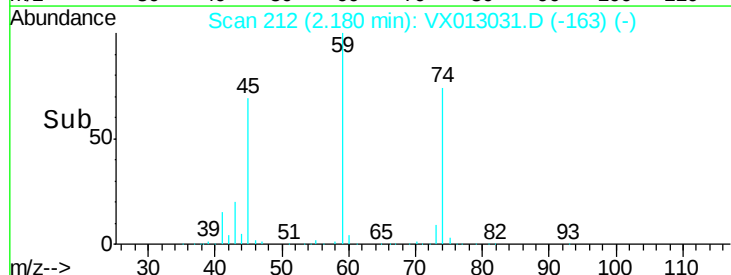
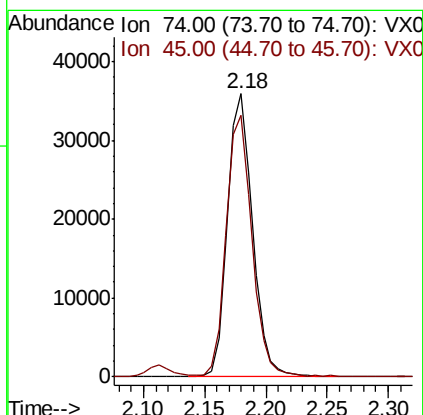
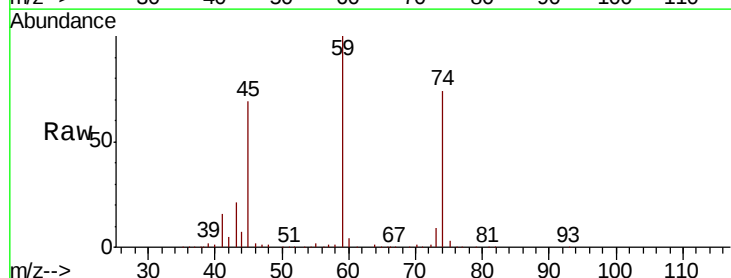
Tot Ion:101 Resp: 127909
 Ion Ratio Lower Upper
 101 100
 103 66.3 52.5 78.7

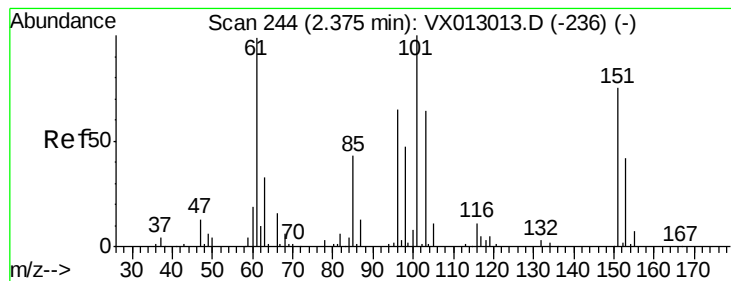


#8

Diethyl Ether
 Concen: 51.678 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX013031.D
 Acq: 11 Oct 2019 21:00

Tgt Ion: 74 Resp: 50813
 Ion Ratio Lower Upper
 74 100
 45 94.1 47.8 143.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.655 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX013031.D

Acq: 11 Oct 2019 21:00

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW3202MSD

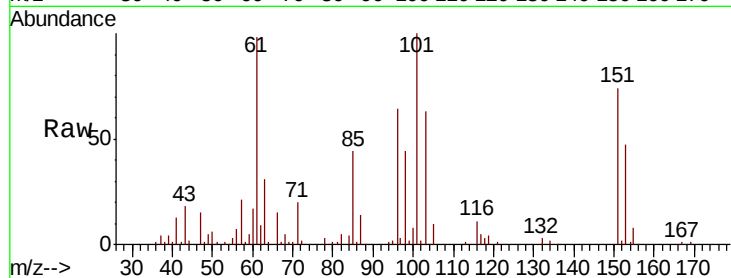
Tot Ion:101 Resp: 78284

Ion Ratio Lower Upper

101 100

85 44.1 35.2 52.8

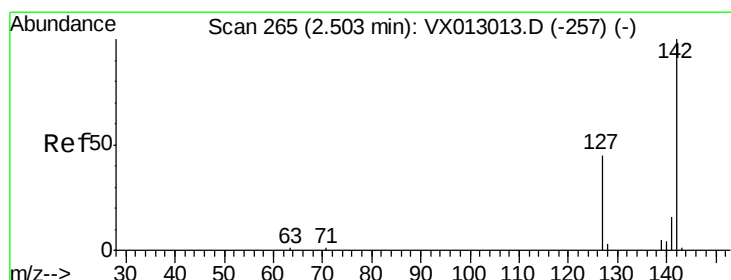
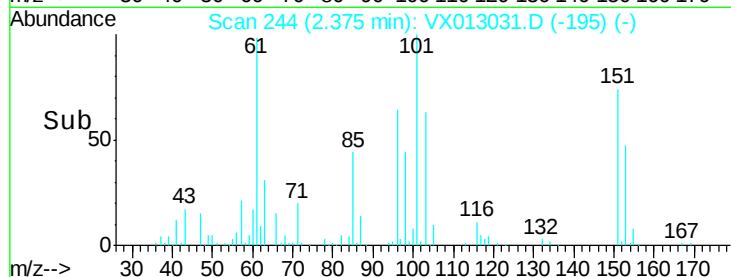
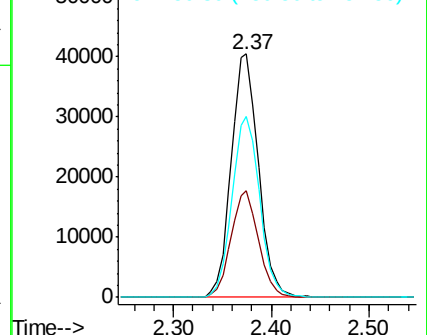
151 75.2 60.3 90.5



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: 53.913 ug/l

RT: 2.50 min Scan# 264

Delta R.T. -0.01 min

Lab File: VX013031.D

Acq: 11 Oct 2019 21:00

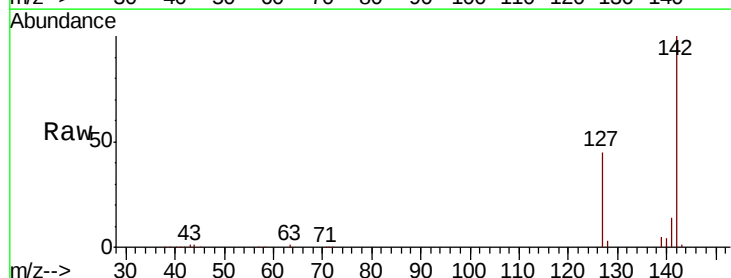
Tgt Ion:142 Resp: 97083

Ion Ratio Lower Upper

142 100

127 44.2 34.9 52.3

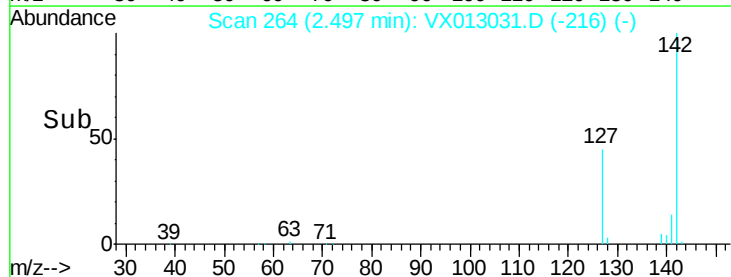
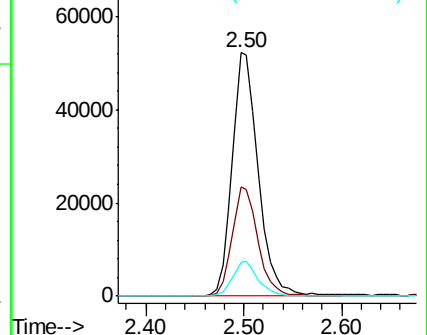
141 14.0 11.6 17.4

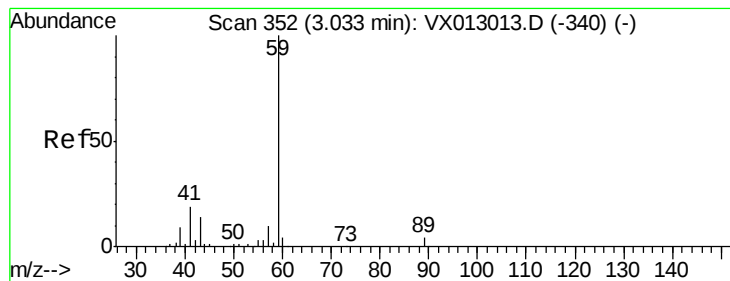


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 222.414 ug/l

RT: 3.03 min Scan# 352

Delta R.T. -0.01 min

Lab File: VX013031.D

Acq: 11 Oct 2019 21:00

Instrument :

MSVOA_X

ClientSampleId :

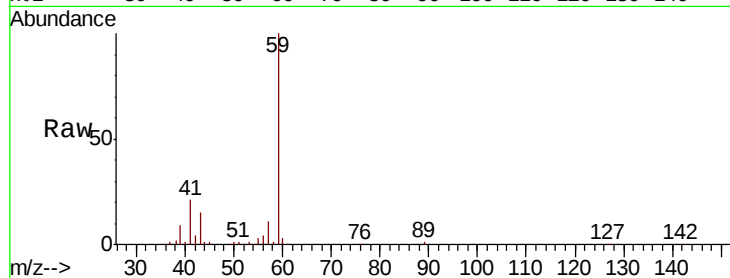
FA19-JMW3202MSD

Tot Ion: 59 Resp: 116159

Ion Ratio Lower Upper

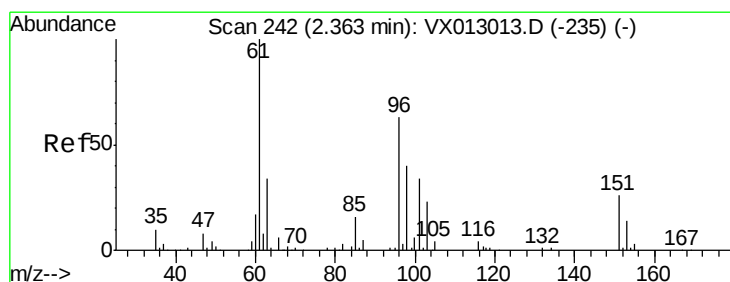
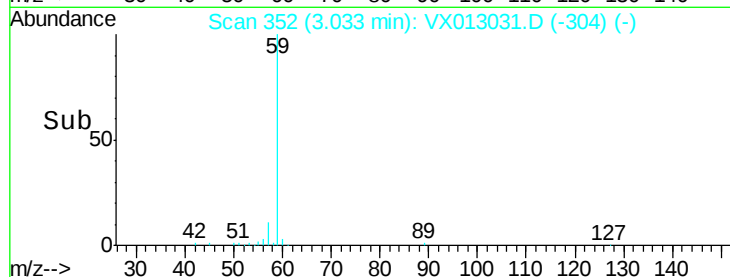
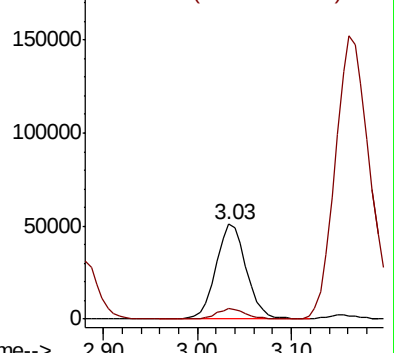
59 100

57 10.5 8.3 12.5



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#12

1,1-Dichloroethene

Concen: 52.128 ug/l

RT: 2.36 min Scan# 242

Delta R.T. 0.00 min

Lab File: VX013031.D

Acq: 11 Oct 2019 21:00

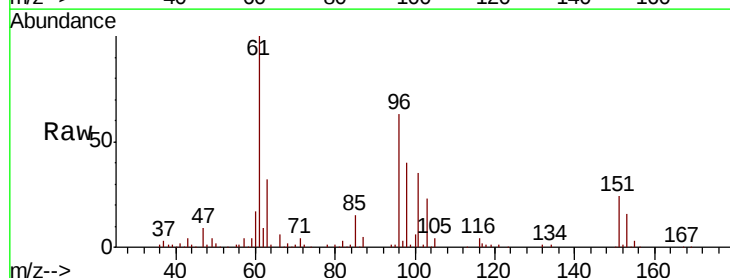
Tgt Ion: 96 Resp: 83035

Ion Ratio Lower Upper

96 100

61 159.5 132.2 198.4

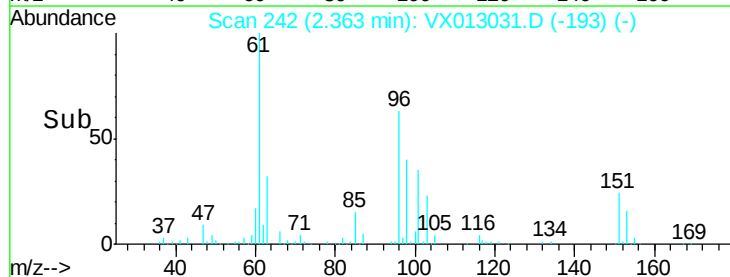
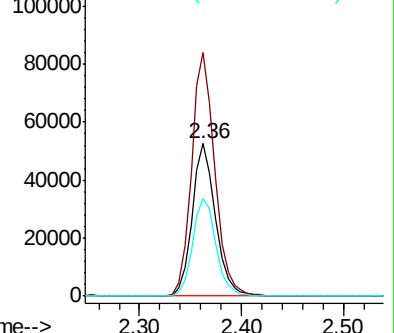
98 63.8 50.5 75.7

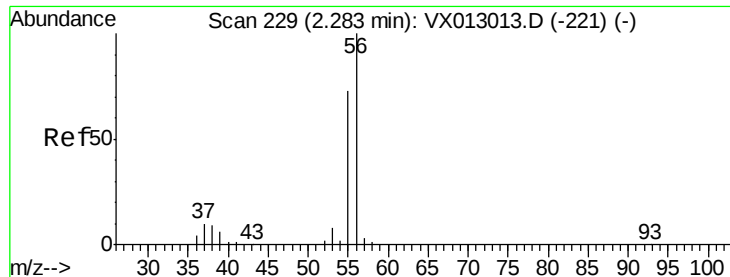


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#13

Acrolein

Concen: 281.074 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013031.D

Acq: 11 Oct 2019 21:00

Instrument :

MSVOA_X

ClientSampleId :

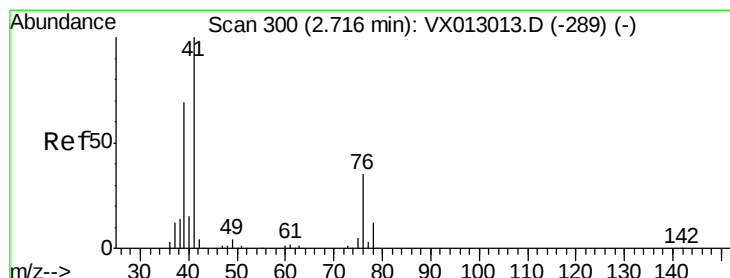
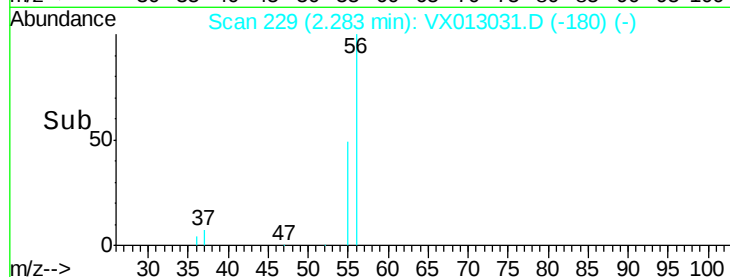
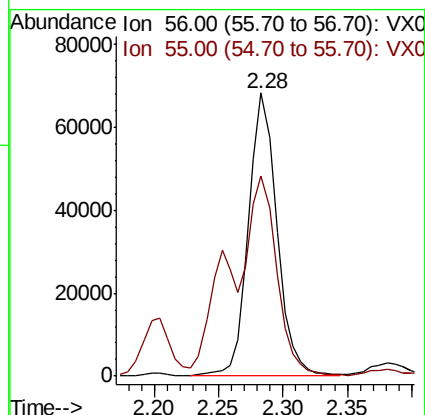
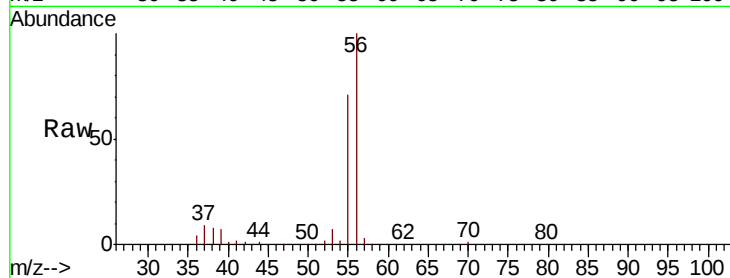
FA19-JMW3202MSD

Tot Ion: 56 Resp: 104321

Ion Ratio Lower Upper

56 100

55 70.5 56.6 85.0



#14

Allyl chloride

Concen: 50.567 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX013031.D

Acq: 11 Oct 2019 21:00

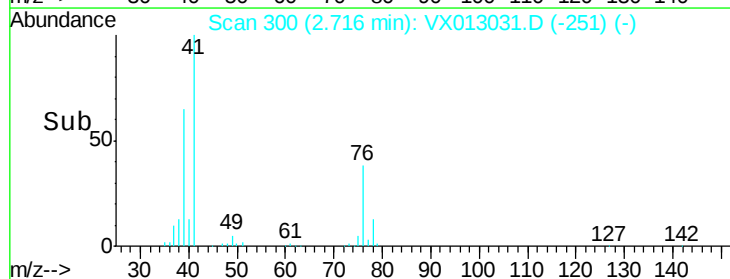
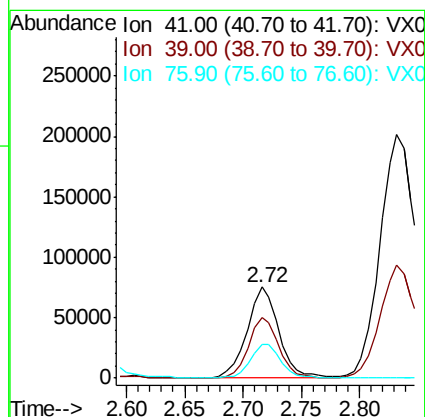
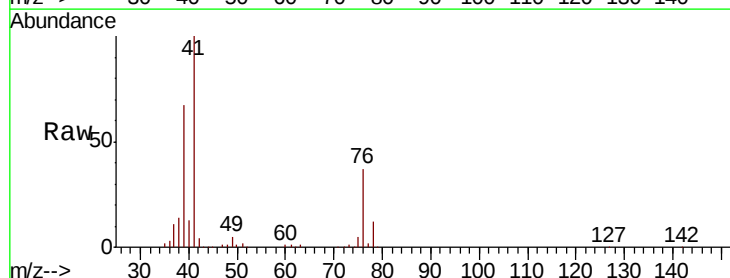
Tgt Ion: 41 Resp: 143446

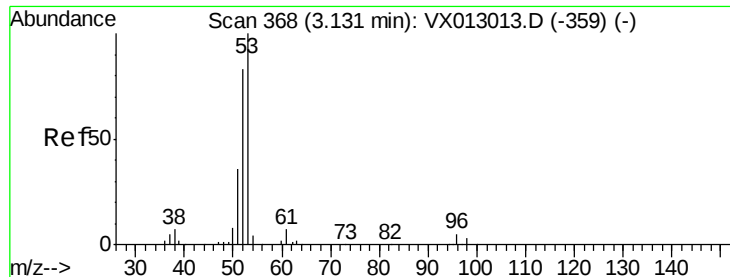
Ion Ratio Lower Upper

41 100

39 63.3 51.0 76.6

76 35.8 26.2 39.4





#15

Acrylonitrile

Concen: 277.881 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.01 min

Lab File: VX013031.D

Acq: 11 Oct 2019 21:00

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW3202MSD

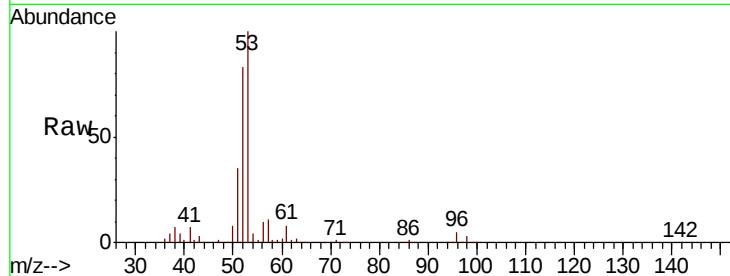
Tot Ion: 53 Resp: 275027

Ion Ratio Lower Upper

53 100

52 80.9 66.2 99.2

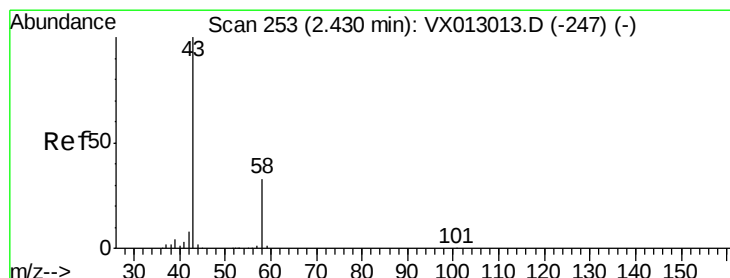
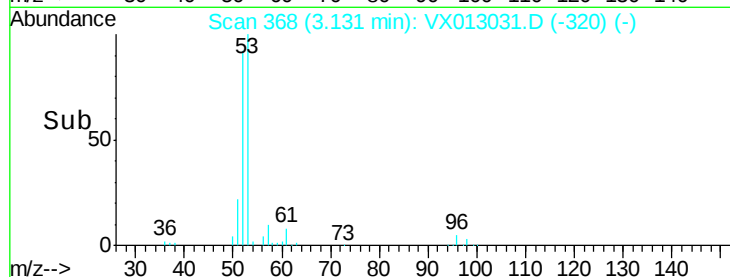
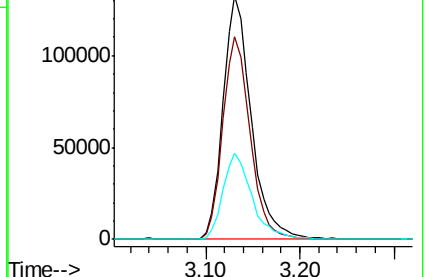
51 36.8 28.2 42.4



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: 217.811 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX013031.D

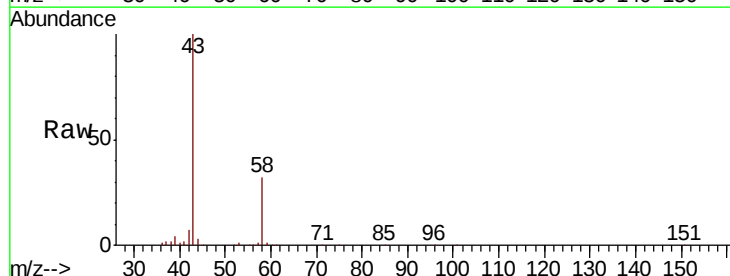
Acq: 11 Oct 2019 21:00

Tgt Ion: 43 Resp: 226188

Ion Ratio Lower Upper

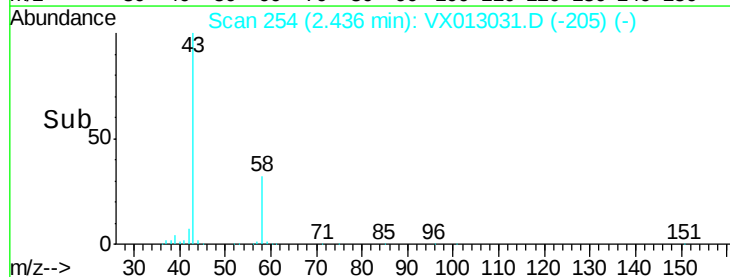
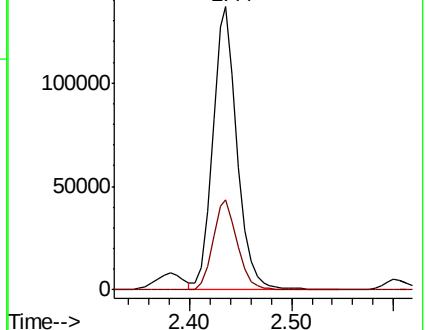
43 100

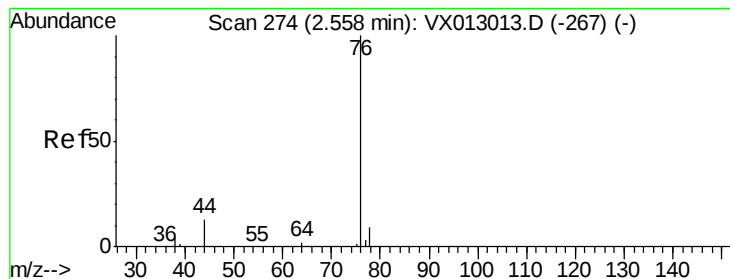
58 31.8 25.4 38.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 48.040 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.01 min

Lab File: VX013031.D

Acq: 11 Oct 2019 21:00

Instrument :

MSVOA_X

ClientSampleId :

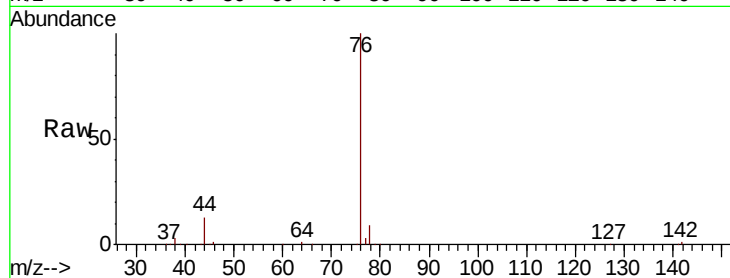
FA19-JMW3202MSD

Tot Ion: 76 Resp: 218198

Ion Ratio Lower Upper

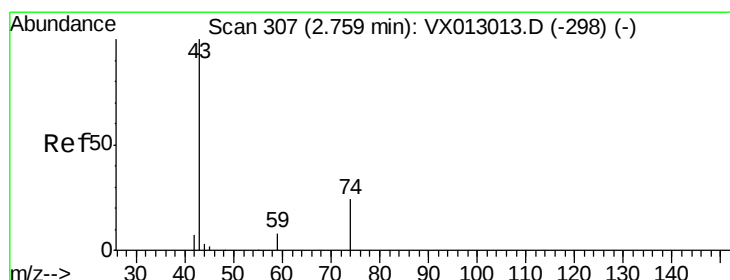
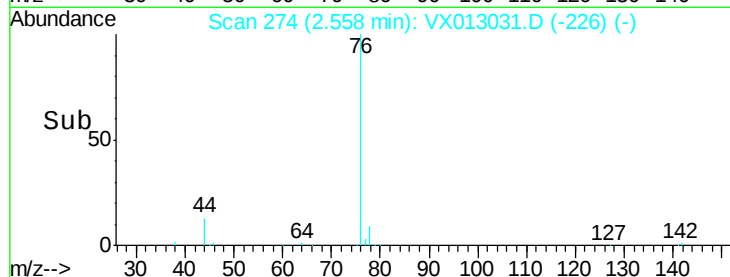
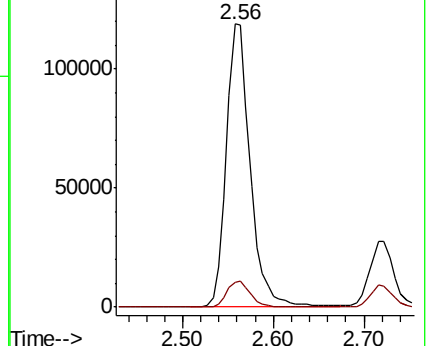
76 100

78 8.6 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 49.620 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX013031.D

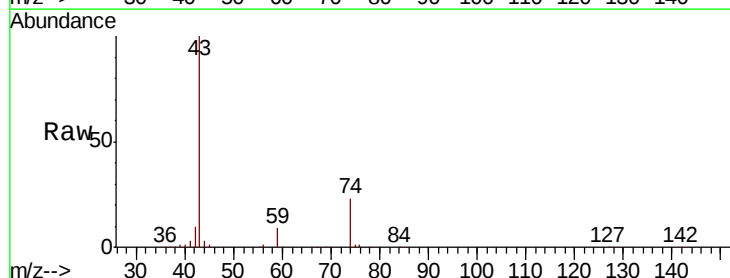
Acq: 11 Oct 2019 21:00

Tgt Ion: 43 Resp: 122135

Ion Ratio Lower Upper

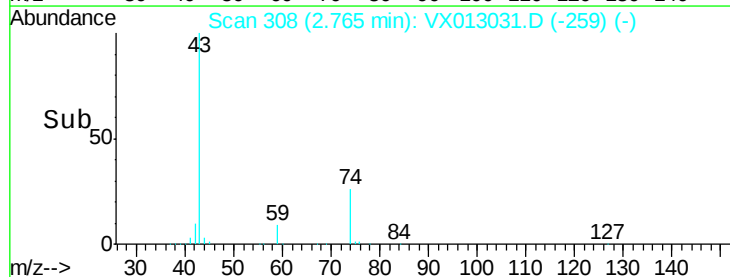
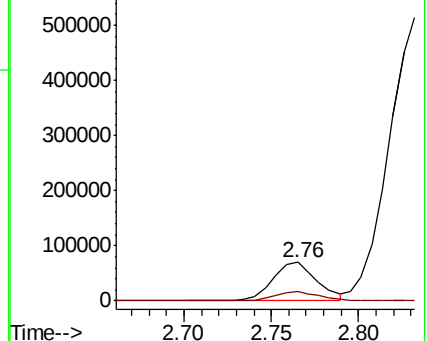
43 100

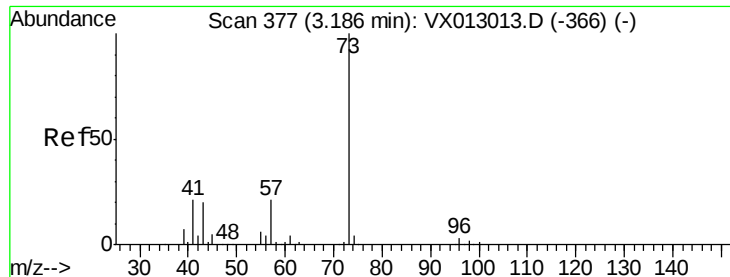
74 25.2 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

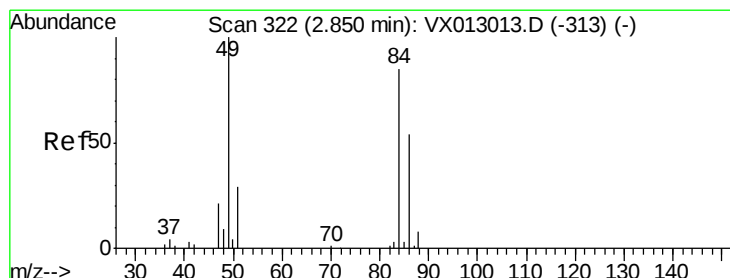
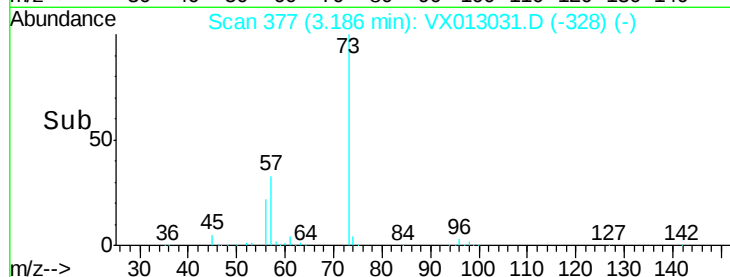
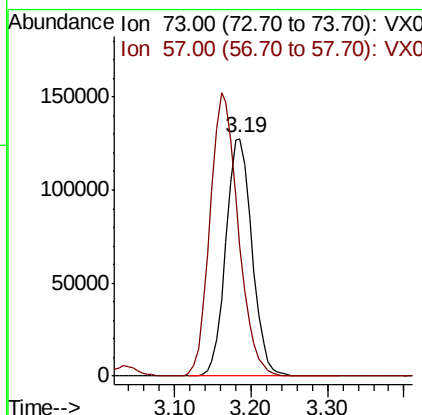
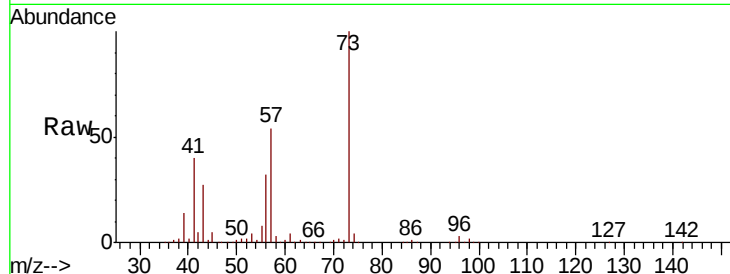




#19
Methyl tert-butyl Ether
Concen: 54.820 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX013031.D
Acq: 11 Oct 2019 21:00

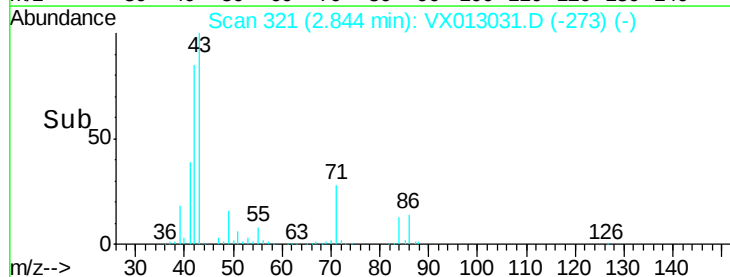
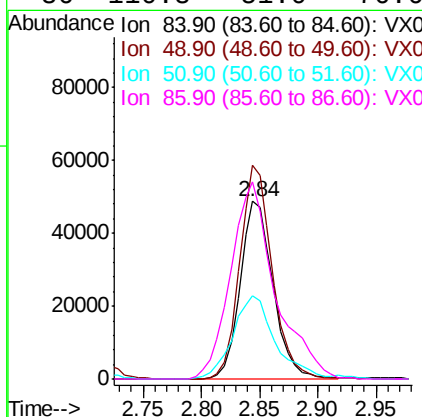
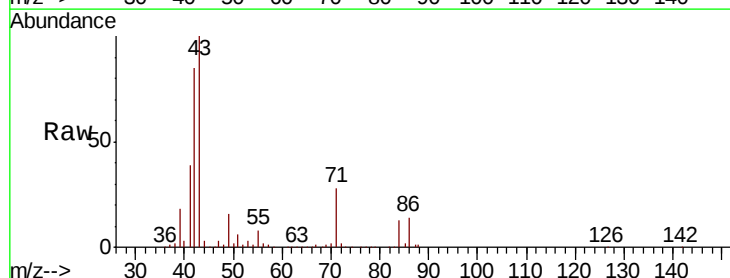
Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW3202MSD

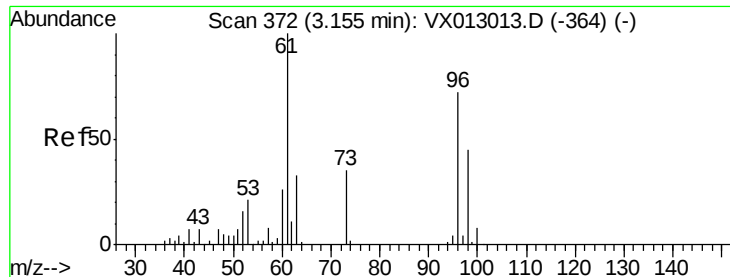
Tot Ion: 73 Resp: 301558
Ion Ratio Lower Upper
73 100
57 54.5 17.8 26.6#



#20
Methylene Chloride
Concen: 50.245 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX013031.D
Acq: 11 Oct 2019 21:00

Tgt Ion: 84 Resp: 95891
Ion Ratio Lower Upper
84 100
49 120.6 96.6 144.8
51 46.9 30.7 46.1#
86 110.8 51.0 76.6#





#21

trans-1,2-Dichloroethene

Concen: 52.905 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013031.D

Acq: 11 Oct 2019 21:00

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW3202MSD

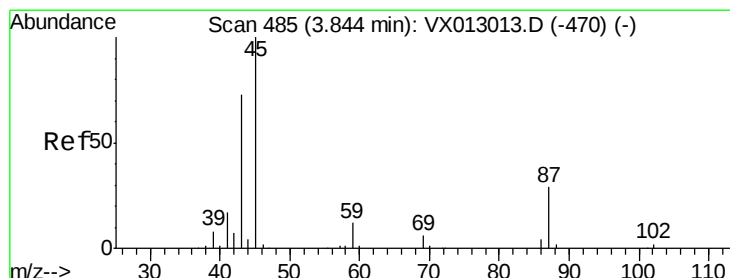
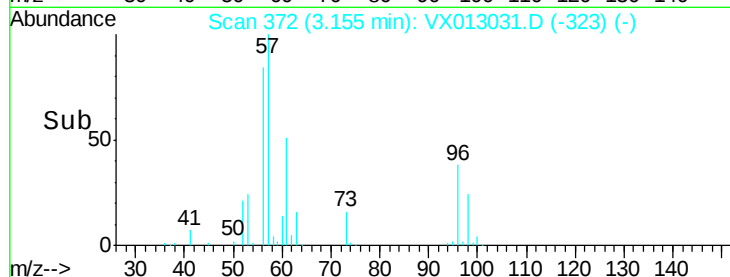
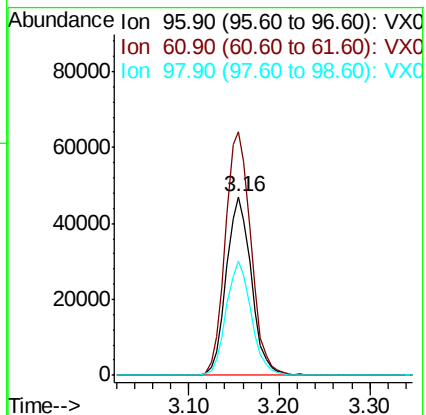
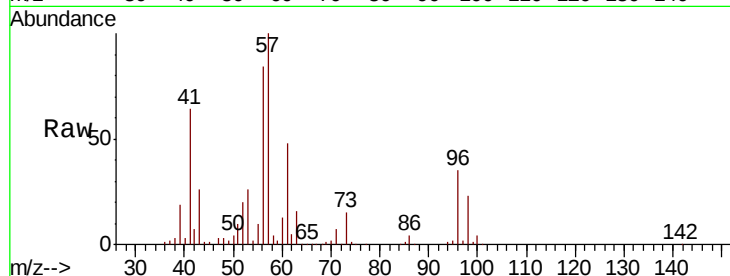
Tot Ion: 96 Resp: 90325

Ion Ratio Lower Upper

96 100

61 136.1 110.4 165.6

98 64.2 51.5 77.3



#22

Diisopropyl ether

Concen: 53.788 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.01 min

Lab File: VX013031.D

Acq: 11 Oct 2019 21:00

Tgt Ion: 45 Resp: 292375

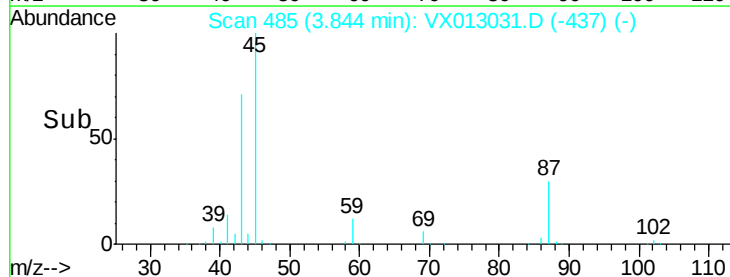
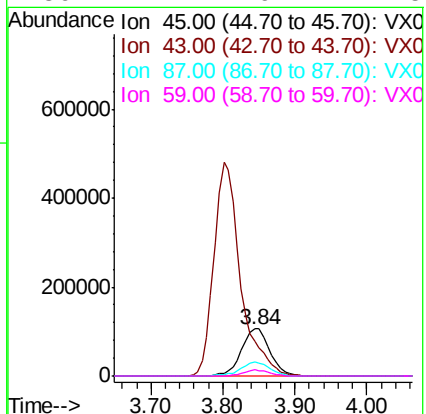
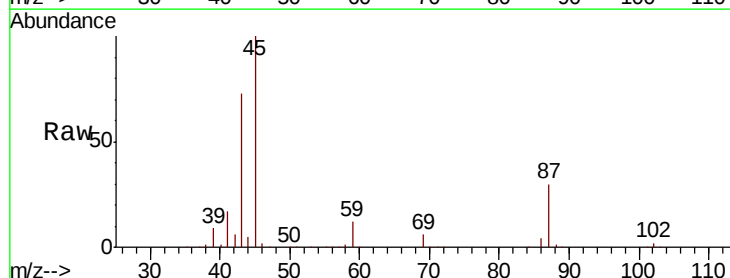
Ion Ratio Lower Upper

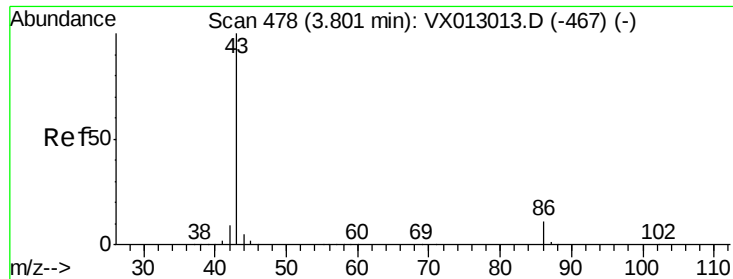
45 100

43 72.6 51.4 77.0

87 29.6 22.5 33.7

59 12.4 9.7 14.5





#23

Vinyl Acetate

Concen: 263.352 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX013031.D

Acq: 11 Oct 2019 21:00

Instrument :

MSVOA_X

ClientSampleId :

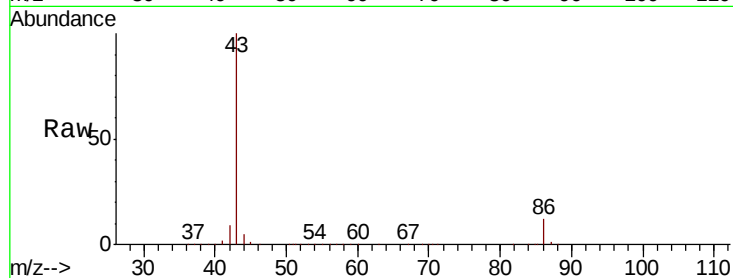
FA19-JMW3202MSD

Tot Ion: 43 Resp: 1235780

Ion Ratio Lower Upper

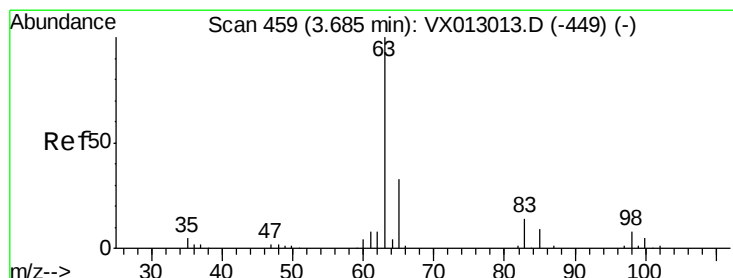
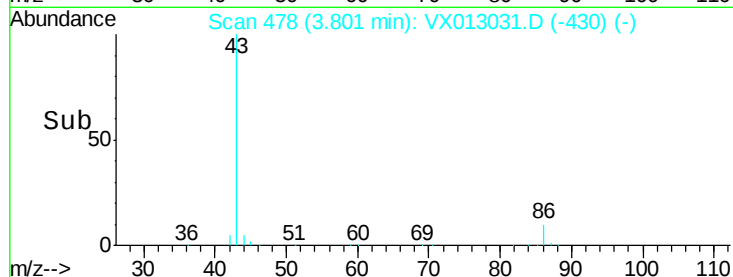
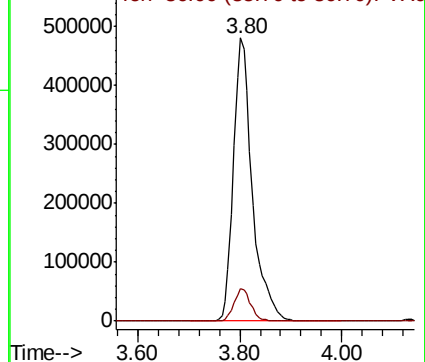
43 100

86 11.6 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 53.277 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013031.D

Acq: 11 Oct 2019 21:00

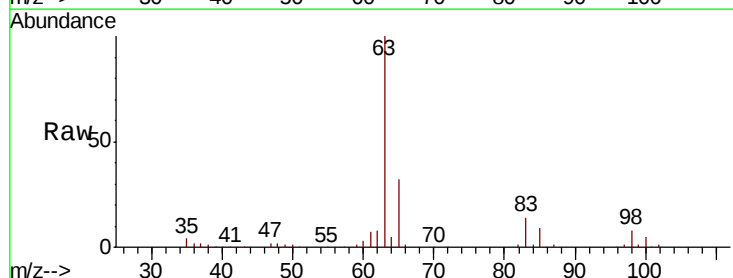
Tgt Ion: 63 Resp: 162922

Ion Ratio Lower Upper

63 100

98 7.6 3.9 11.5

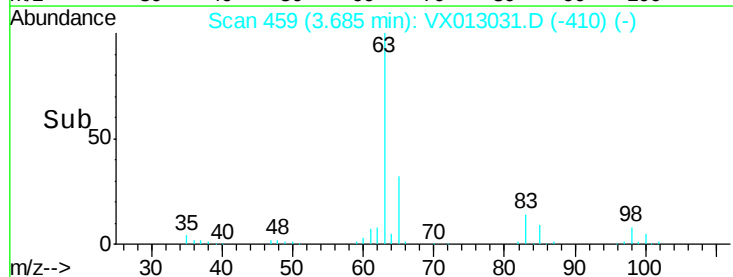
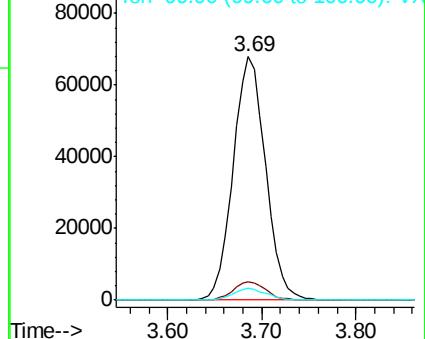
100 5.2 2.3 6.9

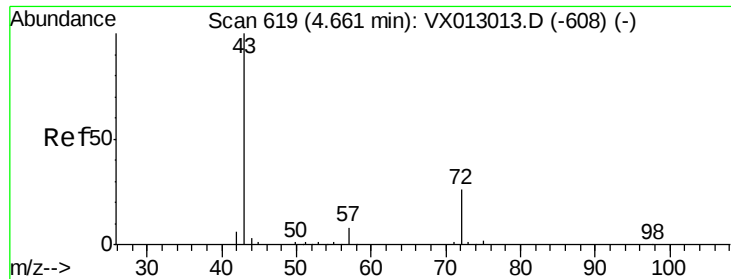


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 253.920 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX013031.D

Acq: 11 Oct 2019 21:00

Instrument :

MSVOA_X

ClientSampleId :

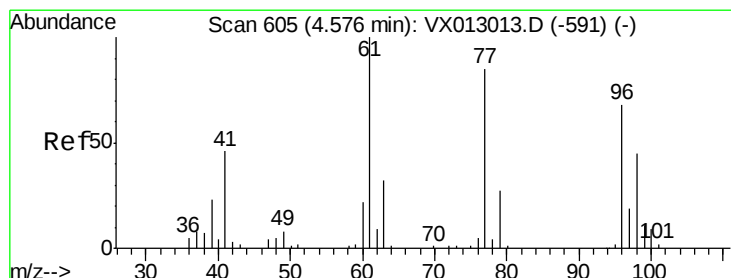
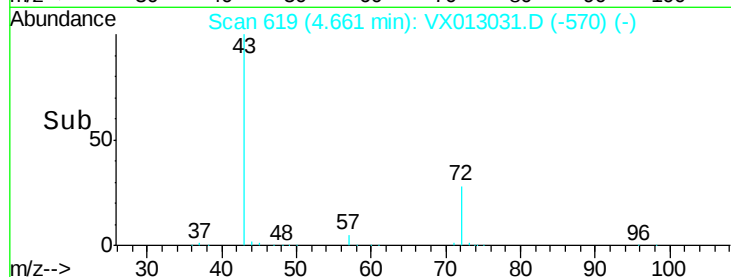
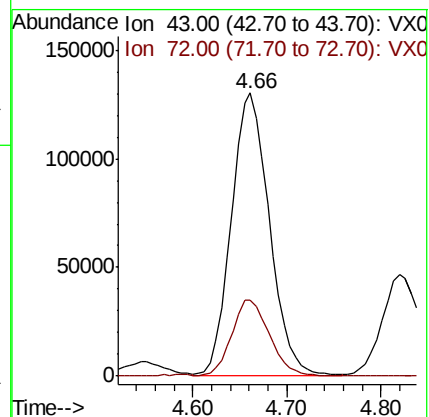
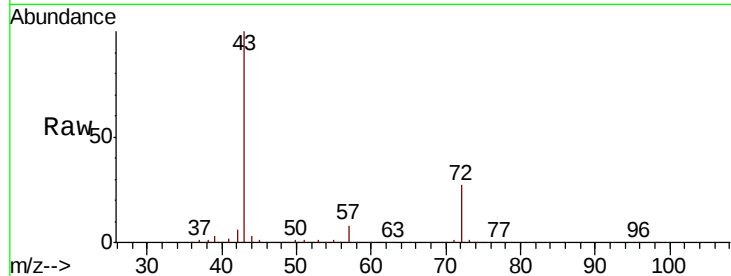
FA19-JMW3202MSD

Tot Ion: 43 Resp: 365827

Ion Ratio Lower Upper

43 100

72 26.8 21.0 31.6



#26

2,2-Dichloropropane

Concen: 45.643 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX013031.D

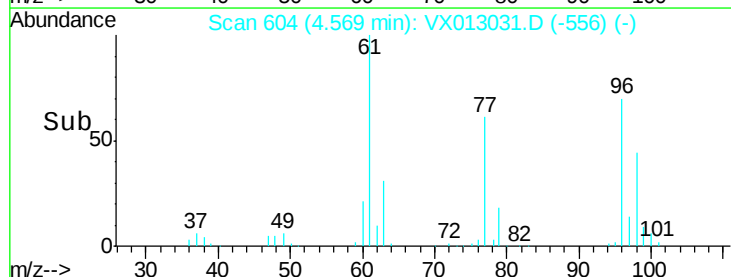
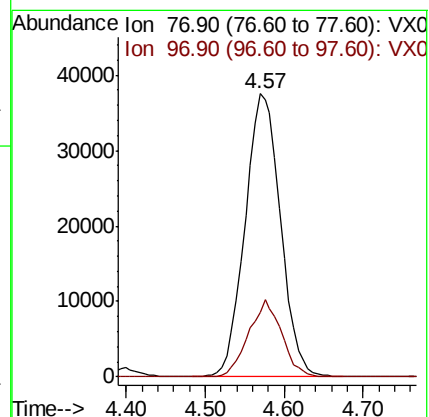
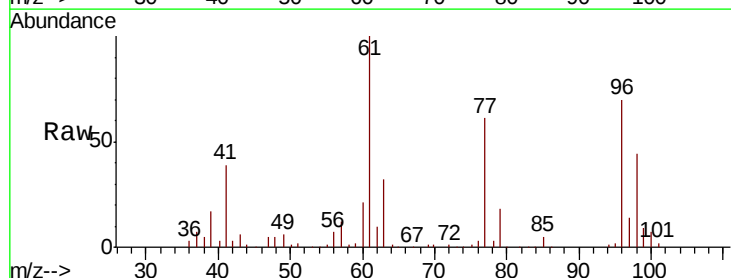
Acq: 11 Oct 2019 21:00

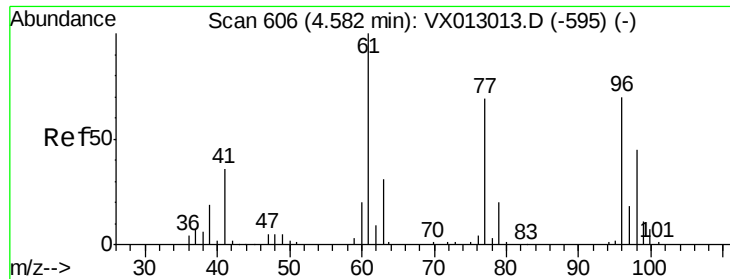
Tgt Ion: 77 Resp: 117372

Ion Ratio Lower Upper

77 100

97 25.4 11.3 33.9



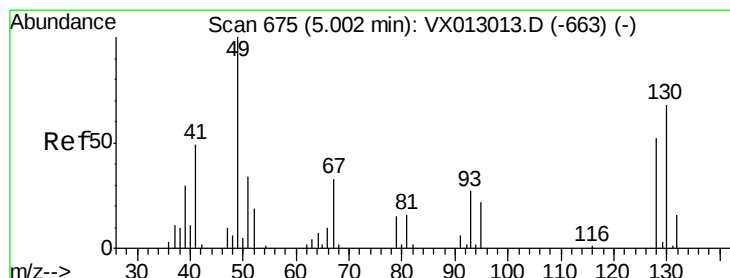
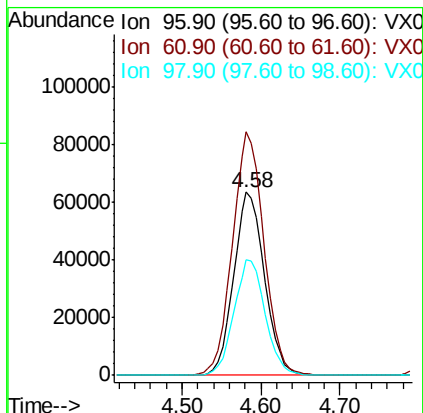
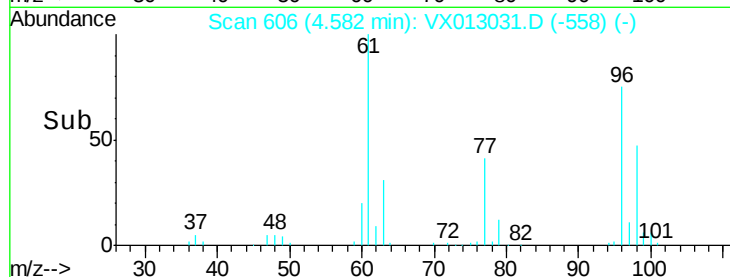
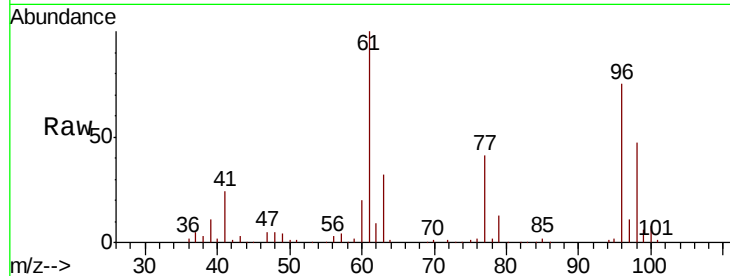


#27

cis-1,2-Dichloroethene
Concen: 87.836 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX013031.D
Acq: 11 Oct 2019 21:00

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW3202MSD

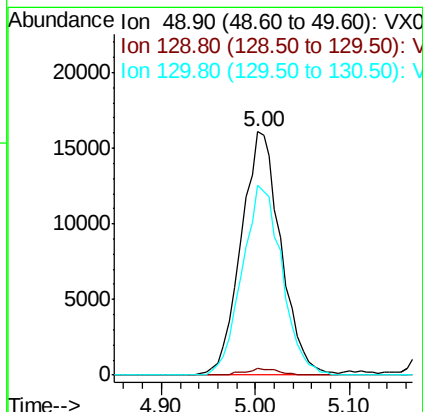
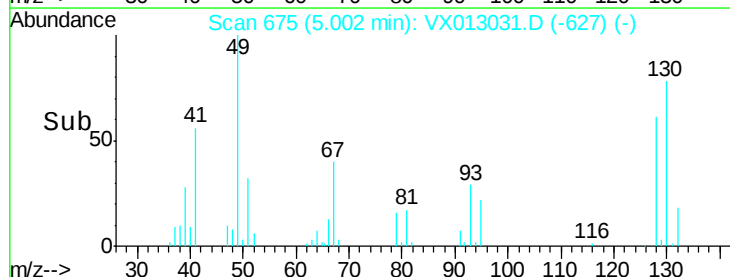
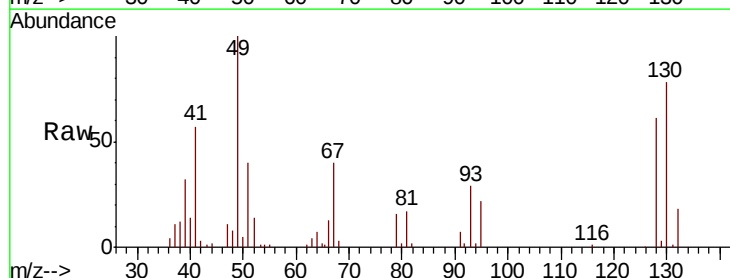
Tot Ion: 96 Resp: 172859
Ion Ratio Lower Upper
96 100
61 135.4 0.0 290.6
98 63.9 0.0 128.8

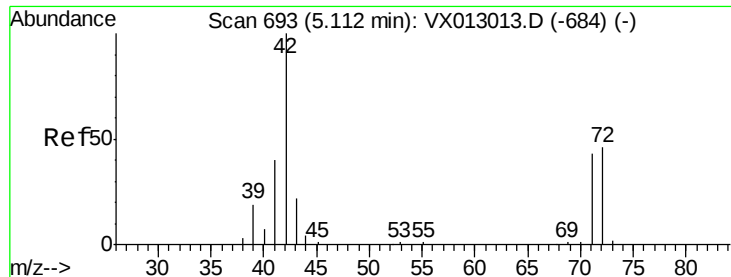


#28

Bromochloromethane
Concen: 51.995 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX013031.D
Acq: 11 Oct 2019 21:00

Tgt Ion: 49 Resp: 47501
Ion Ratio Lower Upper
49 100
129 2.3 0.0 4.2
130 78.1 62.1 93.1

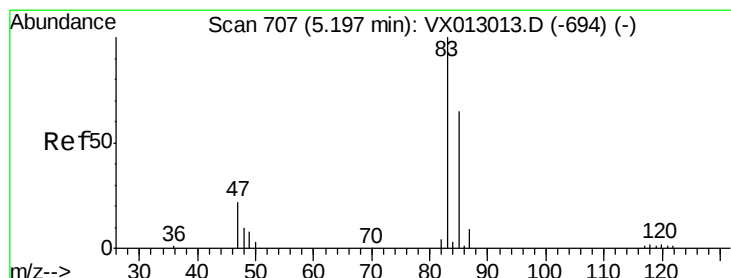
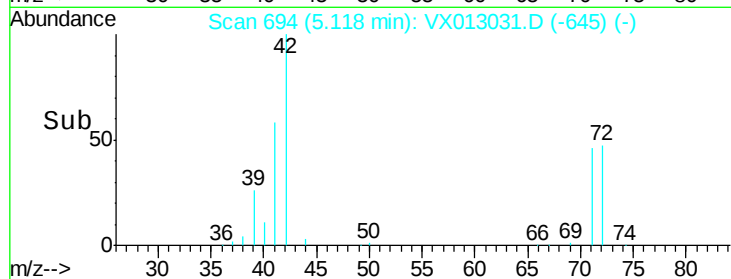
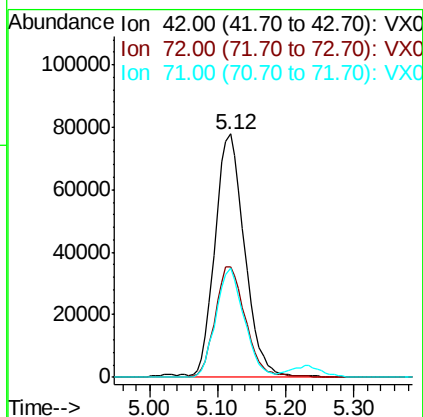
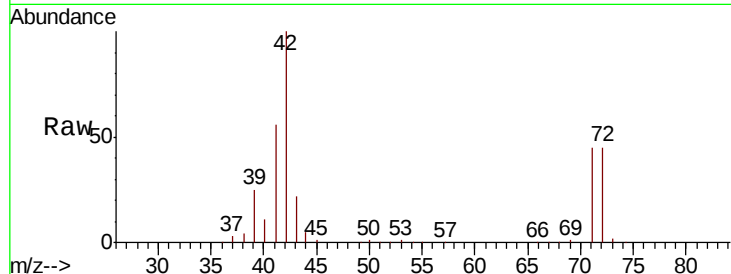




#29
Tetrahydrofuran
Concen: 264.850 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.00 min
Lab File: VX013031.D
Acq: 11 Oct 2019 21:00

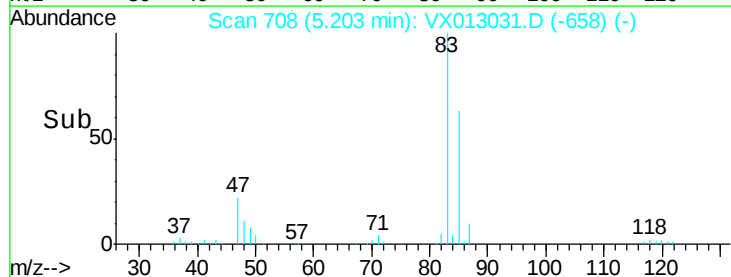
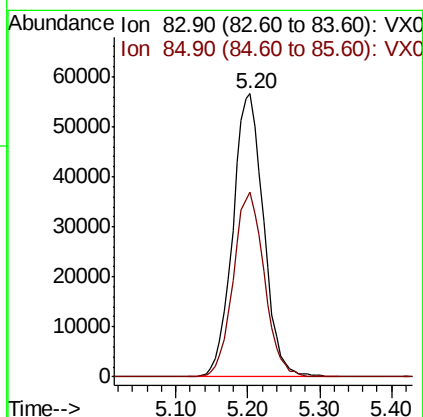
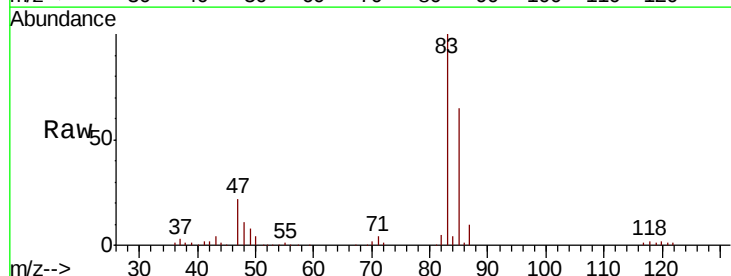
Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW3202MSD

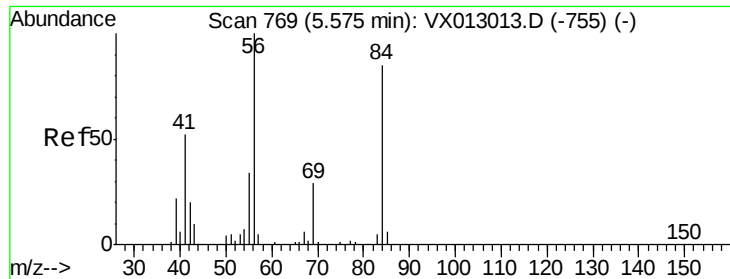
Tot Ion: 42 Resp: 234808
Ion Ratio Lower Upper
42 100
72 46.3 36.9 55.3
71 43.4 33.5 50.3



#30
Chloroform
Concen: 53.450 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.01 min
Lab File: VX013031.D
Acq: 11 Oct 2019 21:00

Tgt Ion: 83 Resp: 167712
Ion Ratio Lower Upper
83 100
85 65.4 51.5 77.3





#31

Cyclohexane

Concen: 183.018 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX013031.D

Acq: 11 Oct 2019 21:00

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW3202MSD

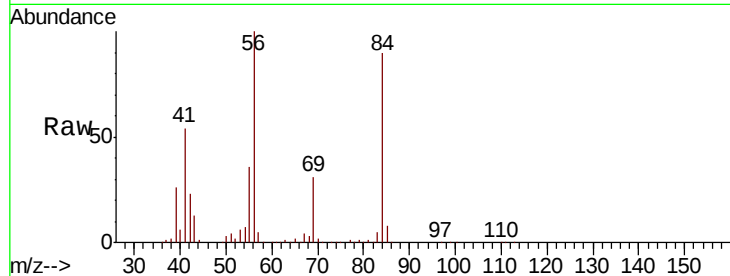
Tot Ion: 56 Resp: 523330

Ion Ratio Lower Upper

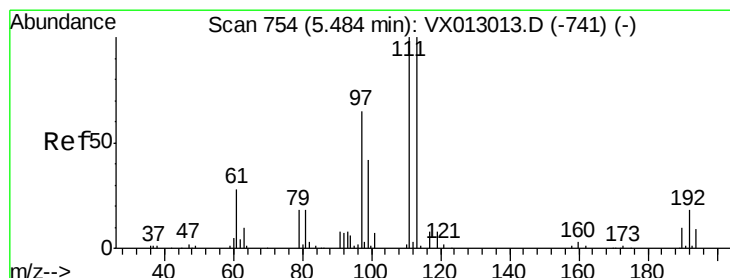
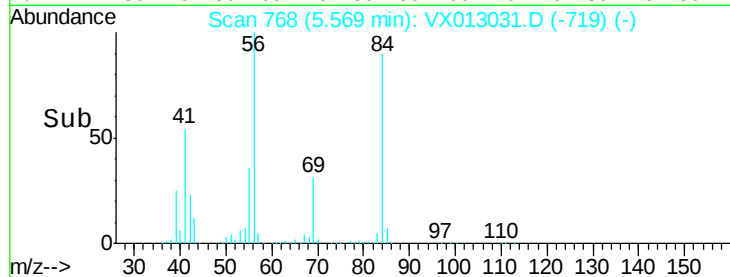
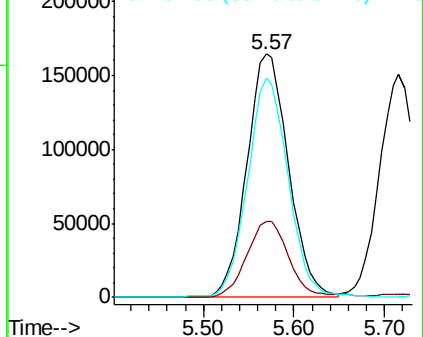
56 100

69 30.8 25.2 37.8

84 89.4 71.3 106.9



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 55.122 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX013031.D

Acq: 11 Oct 2019 21:00

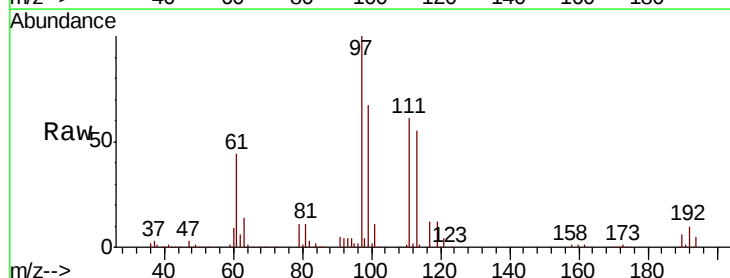
Tgt Ion: 97 Resp: 146549

Ion Ratio Lower Upper

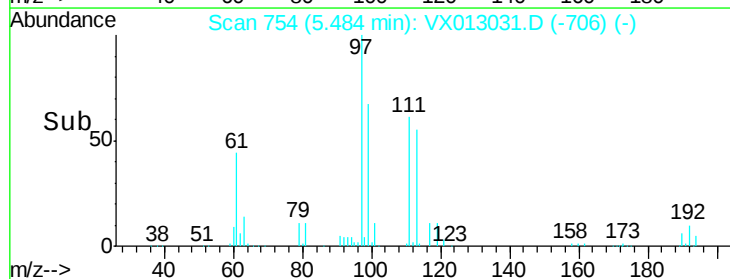
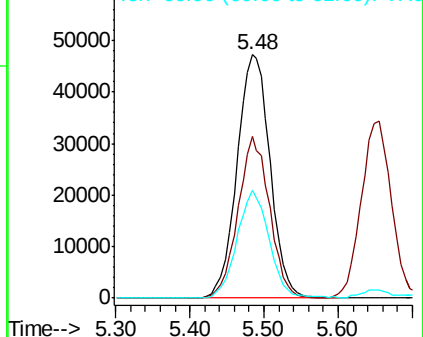
97 100

99 63.4 52.3 78.5

61 43.0 35.0 52.4



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

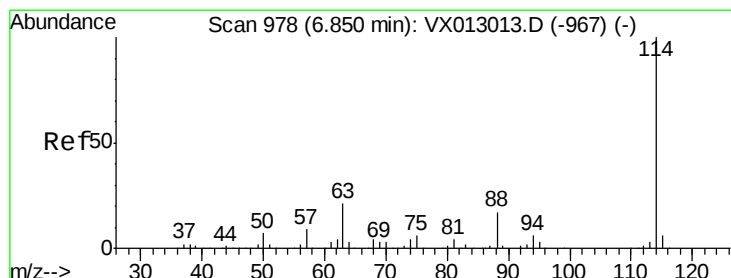
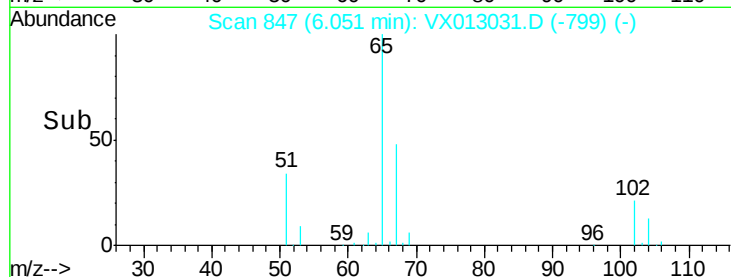
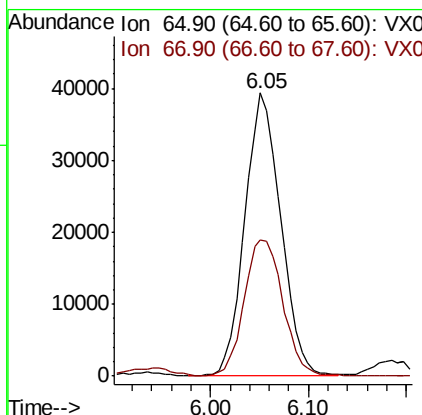
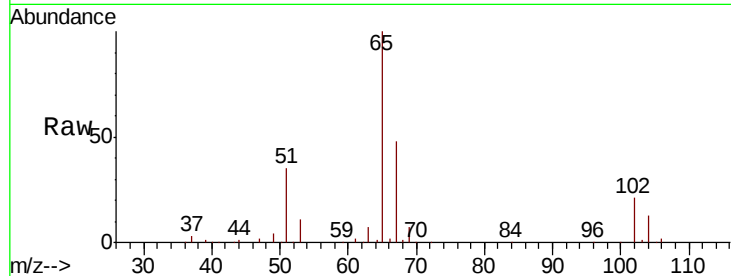




#33
 1,2-Dichloroethane-d4
 Concen: 50.720 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: VX013031.D
 Acq: 11 Oct 2019 21:00

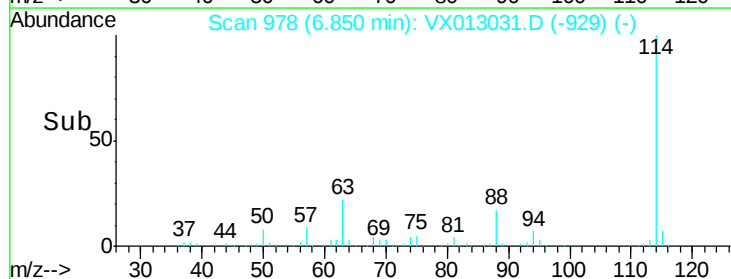
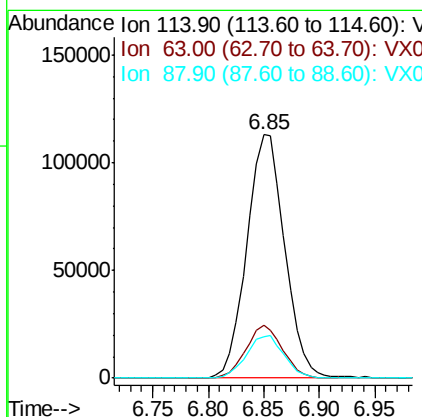
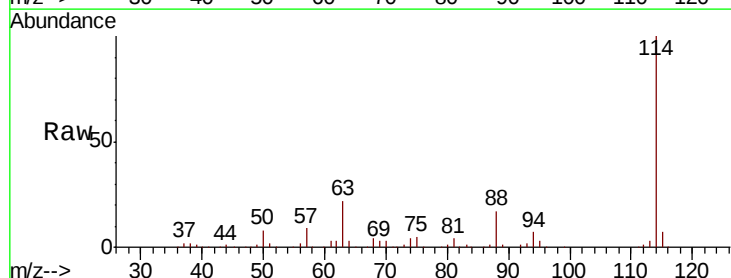
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW3202MSD

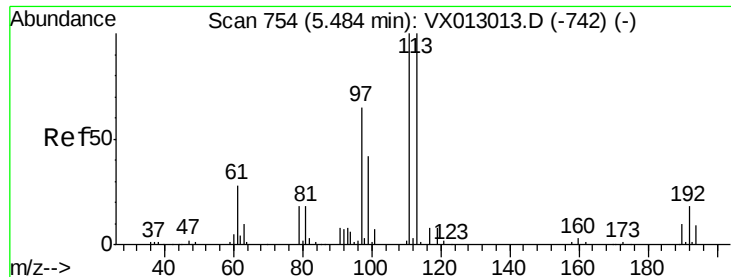
Tot Ion: 65 Resp: 99926
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX013031.D
 Acq: 11 Oct 2019 21:00

Tgt Ion: 114 Resp: 267982
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 40.8
 88 17.0 0.0 33.8

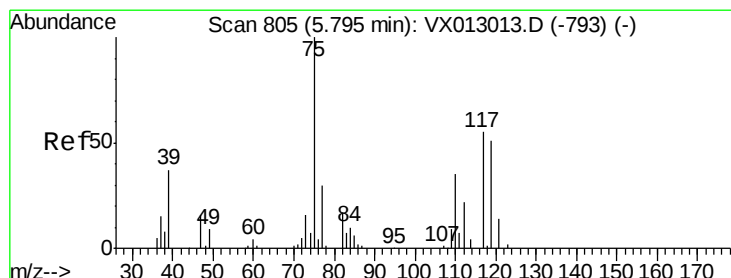
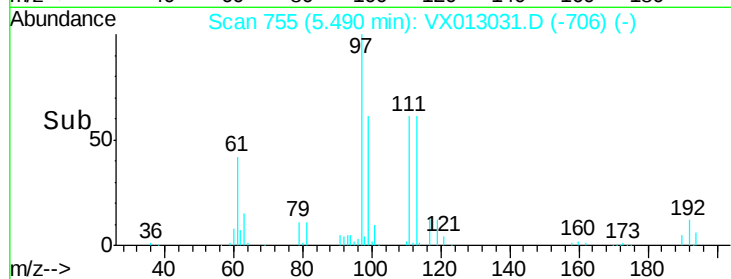
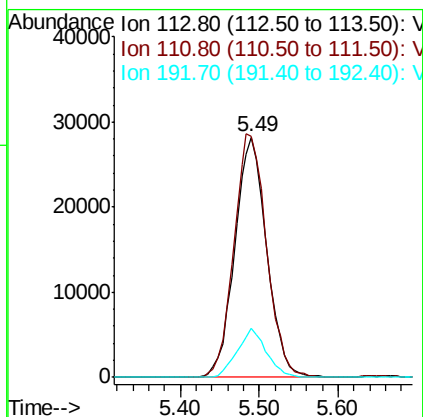
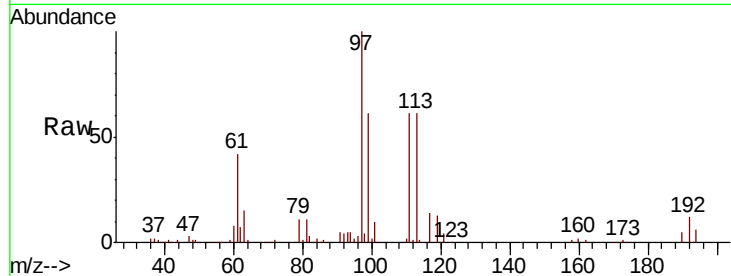




#35
 Dibromofluoromethane
 Concen: 51.551 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX013031.D
 Acq: 11 Oct 2019 21:00

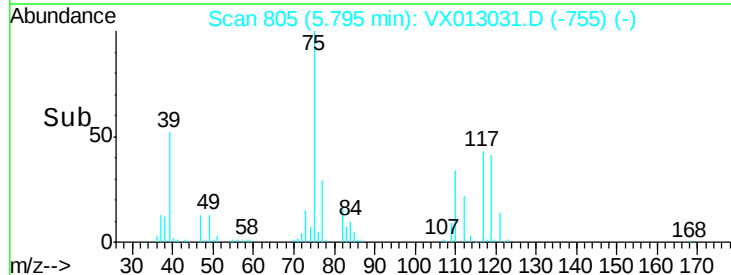
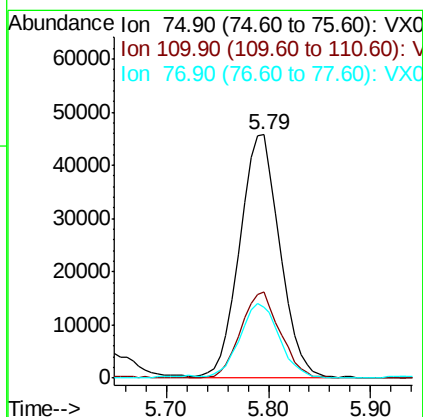
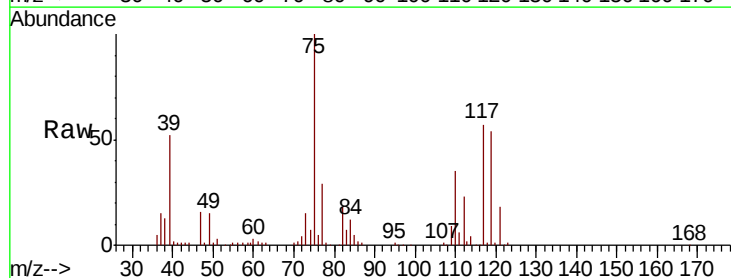
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW3202MSD

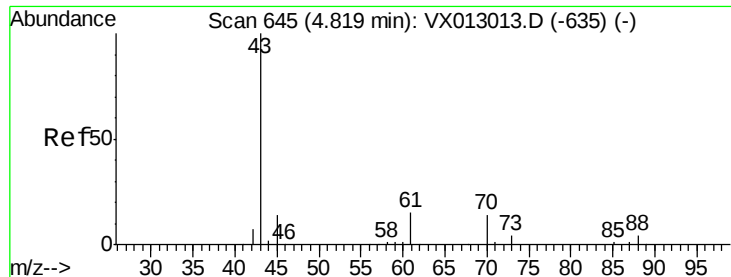
Tot Ion:113 Resp: 79290
 Ion Ratio Lower Upper
 113 100
 111 103.6 83.2 124.8
 192 18.7 15.4 23.2



#36
 1,1-Dichloropropene
 Concen: 52.807 ug/l
 RT: 5.79 min Scan# 805
 Delta R.T. 0.01 min
 Lab File: VX013031.D
 Acq: 11 Oct 2019 21:00

Tgt Ion: 75 Resp: 124419
 Ion Ratio Lower Upper
 75 100
 110 34.9 17.6 52.9
 77 30.8 24.4 36.6

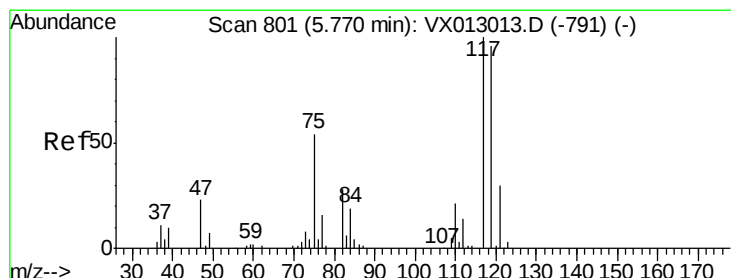
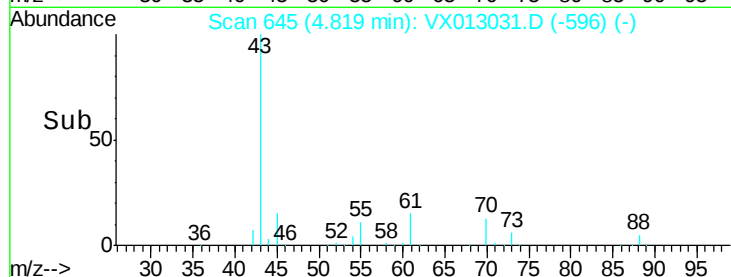
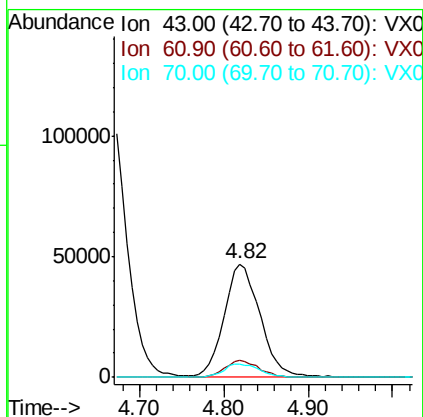
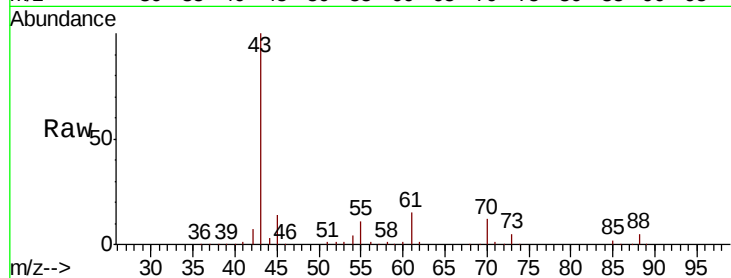




#37
Ethyl Acetate
Concen: 50.962 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX013031.D
Acq: 11 Oct 2019 21:00

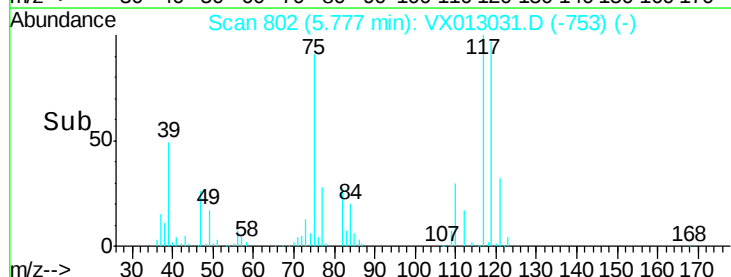
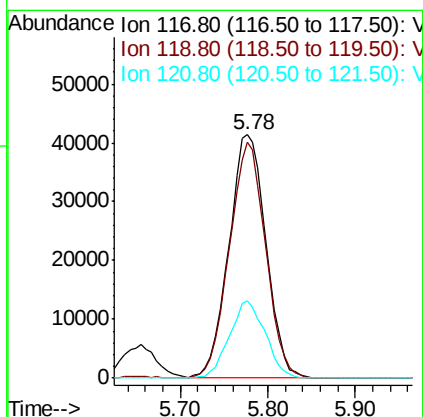
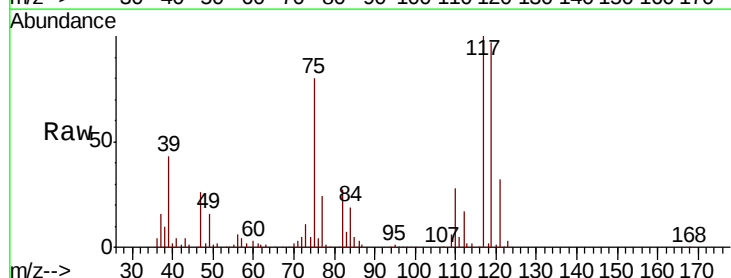
Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW3202MSD

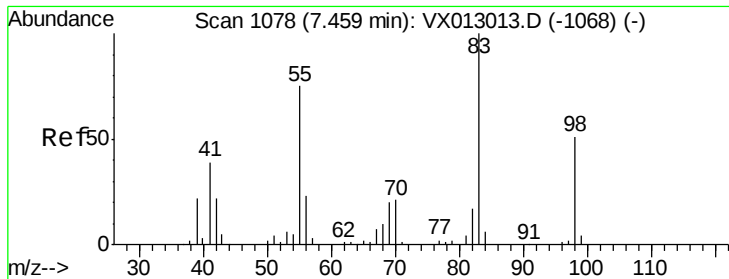
Tot Ion: 43 Resp: 134265
Ion Ratio Lower Upper
43 100
61 14.7 11.4 17.0
70 12.4 9.8 14.6



#38
Carbon Tetrachloride
Concen: 53.125 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX013031.D
Acq: 11 Oct 2019 21:00

Tgt Ion: 117 Resp: 121832
Ion Ratio Lower Upper
117 100
119 96.7 74.5 111.7
121 31.7 24.2 36.4

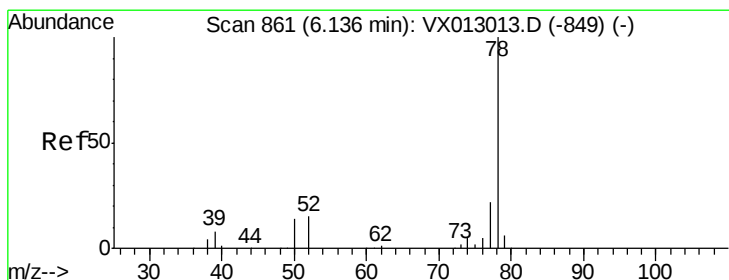
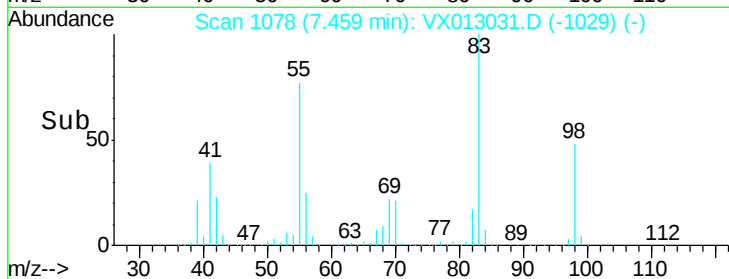
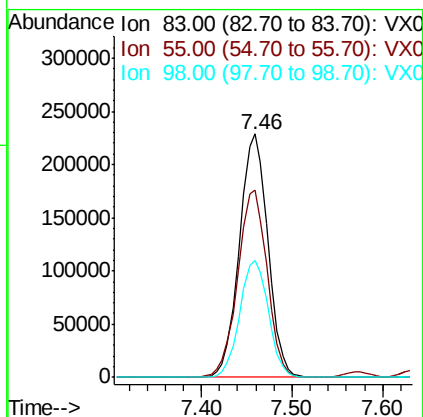
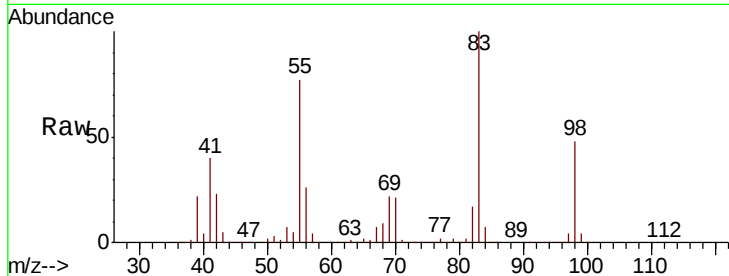




#39
Methvlcvclohexane
Concen: 174.051 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX013031.D
Acq: 11 Oct 2019 21:00

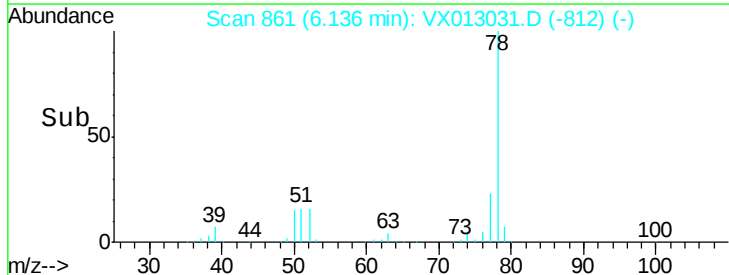
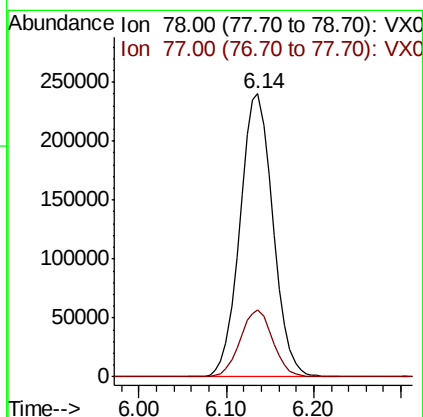
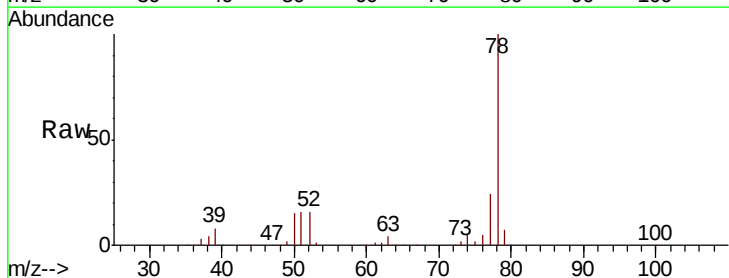
Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW3202MSD

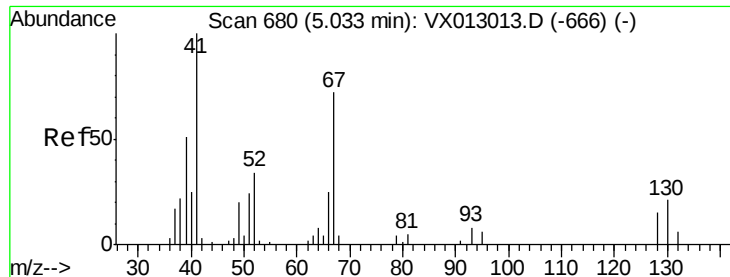
Tot Ion: 83 Resp: 497321
Ion Ratio Lower Upper
83 100
55 76.6 60.2 90.4
98 47.8 38.5 57.7



#40
Benzene
Concen: 90.329 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.00 min
Lab File: VX013031.D
Acq: 11 Oct 2019 21:00

Tgt Ion: 78 Resp: 628580
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.4





#41

Methacrylonitrile

Concen: 52.989 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.01 min

Lab File: VX013031.D

Acq: 11 Oct 2019 21:00

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW3202MSD

Tot Ion: 41 Resp: 76711

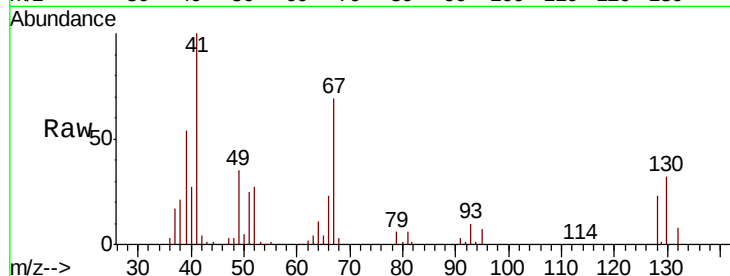
Ion Ratio Lower Upper

41 100

39 55.0 44.0 66.0

67 74.5 58.5 87.7

52 29.4 23.8 35.8

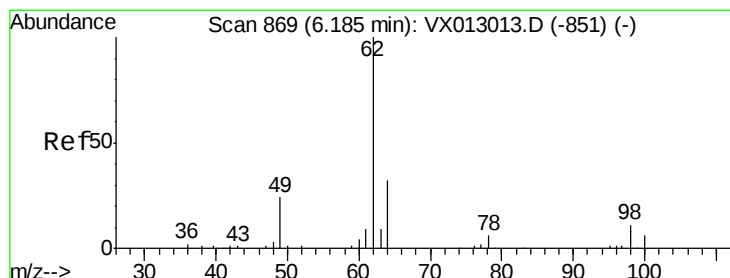
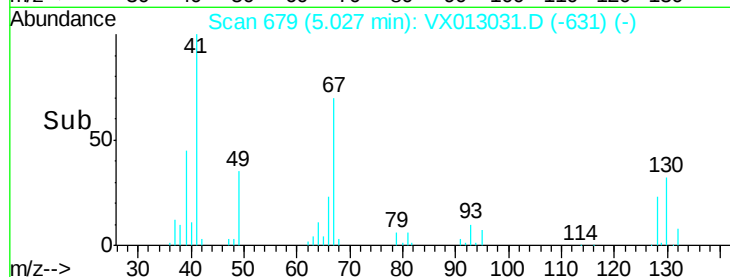
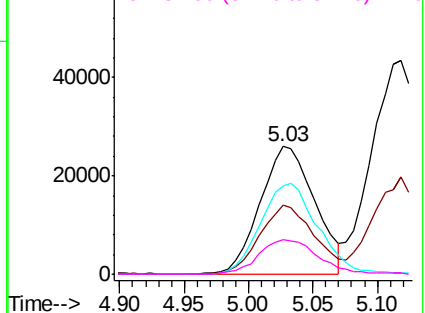


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 55.613 ug/l

RT: 6.19 min Scan# 869

Delta R.T. 0.00 min

Lab File: VX013031.D

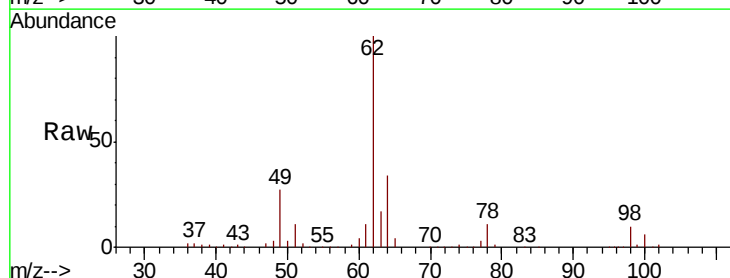
Acq: 11 Oct 2019 21:00

Tgt Ion: 62 Resp: 138866

Ion Ratio Lower Upper

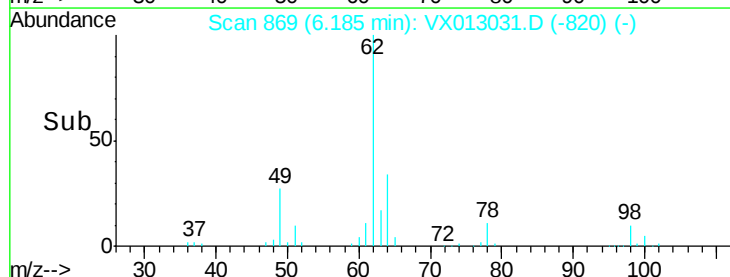
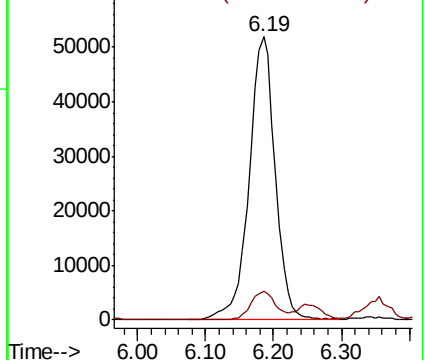
62 100

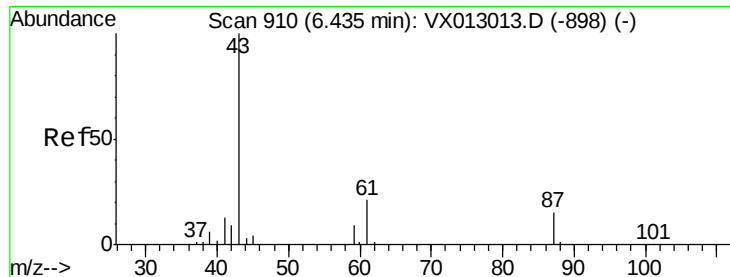
98 9.9 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



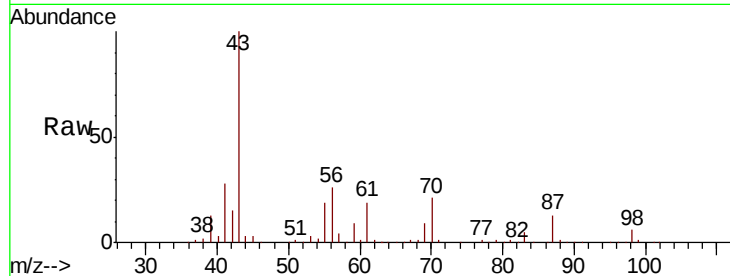


#43

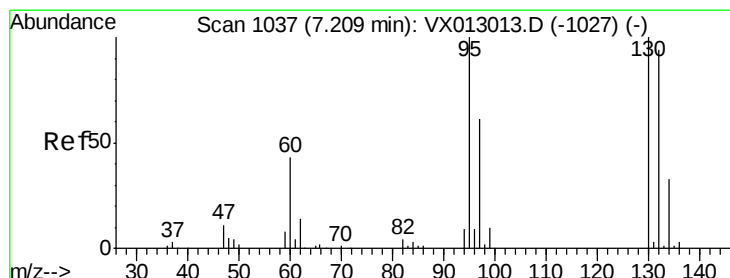
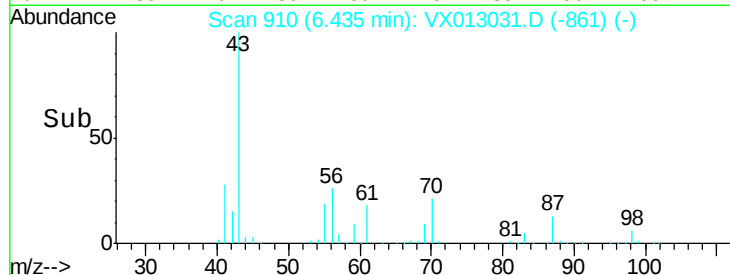
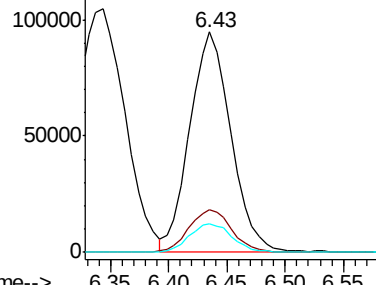
Isopropyl Acetate
 Concen: 54.393 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX013031.D
 Acq: 11 Oct 2019 21:00

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW3202MSD

Tot Ion: 43 Resp: 230006
 Ion Ratio Lower Upper
 43 100
 61 20.2 16.6 24.8
 87 13.8 11.0 16.6



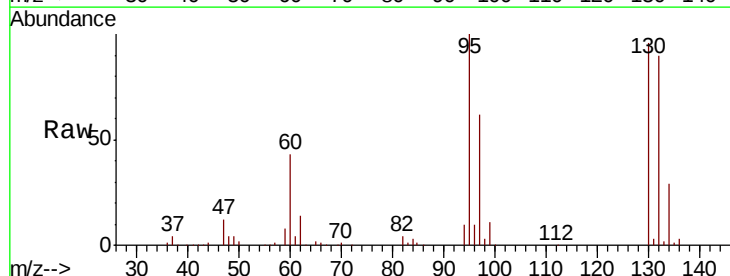
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



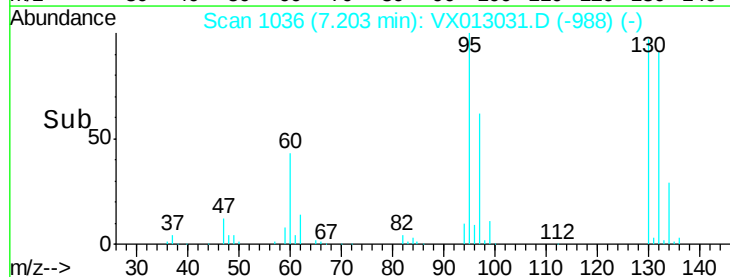
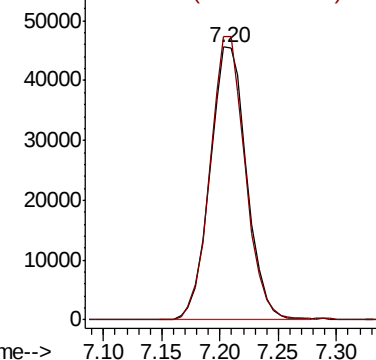
#44

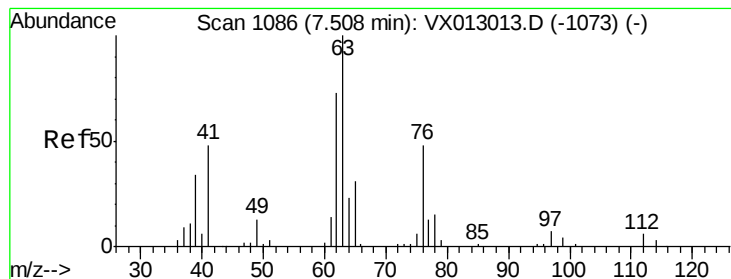
Trichloroethene
 Concen: 51.728 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX013031.D
 Acq: 11 Oct 2019 21:00

Tgt Ion: 130 Resp: 99819
 Ion Ratio Lower Upper
 130 100
 95 103.7 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: 56.114 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX013031.D

Acq: 11 Oct 2019 21:00

Instrument :

MSVOA_X

ClientSampleId :

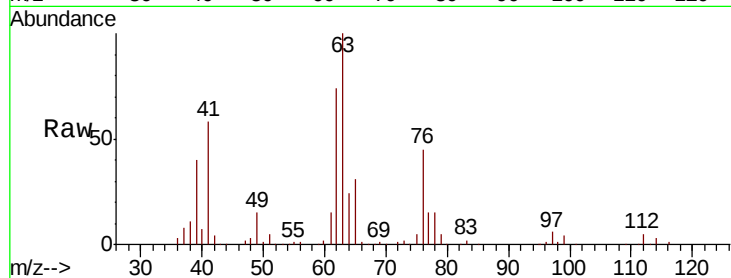
FA19-JMW3202MSD

Tot Ion: 63 Resp: 99522

Ion Ratio Lower Upper

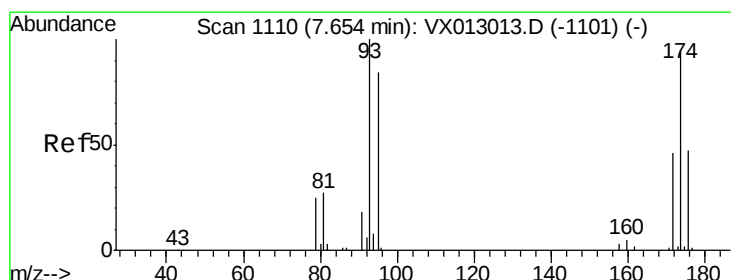
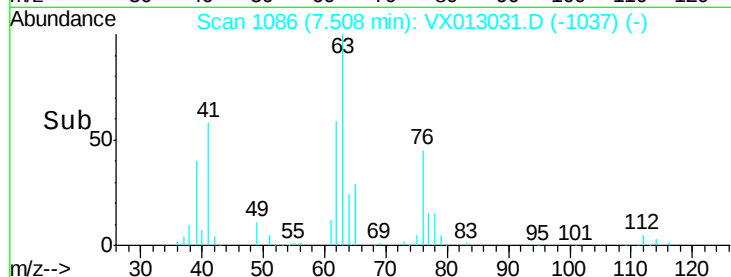
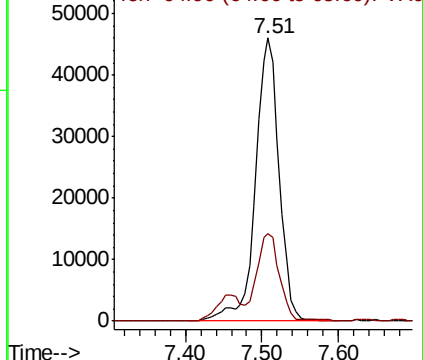
63 100

65 30.6 24.6 37.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 54.876 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX013031.D

Acq: 11 Oct 2019 21:00

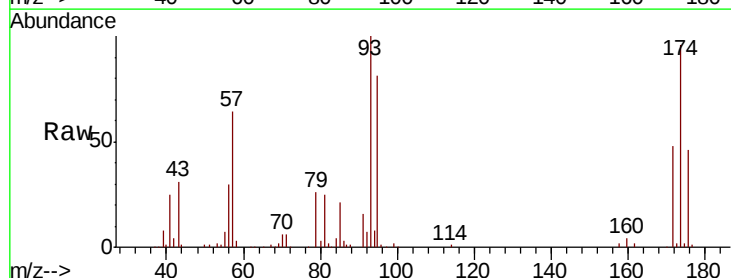
Tgt Ion: 93 Resp: 64845

Ion Ratio Lower Upper

93 100

95 83.3 66.3 99.5

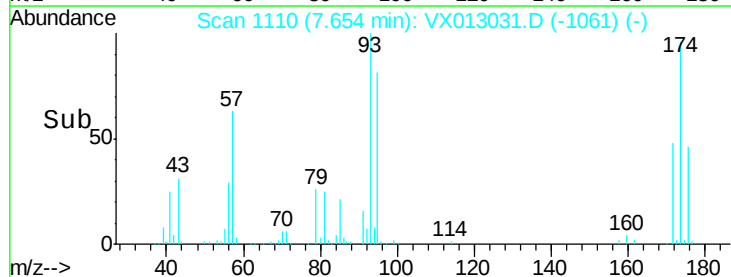
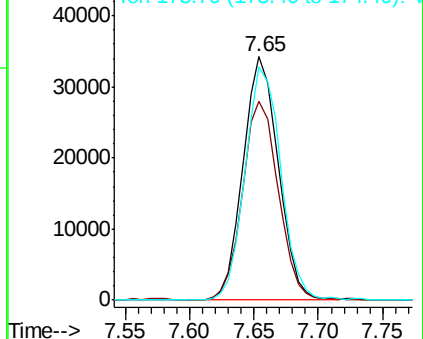
174 97.6 77.8 116.6

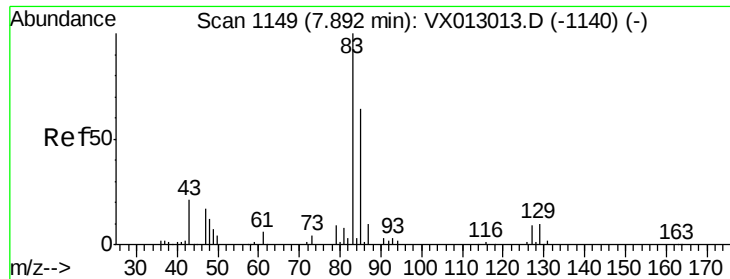


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 56.268 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013031.D

Acq: 11 Oct 2019 21:00

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW3202MSD

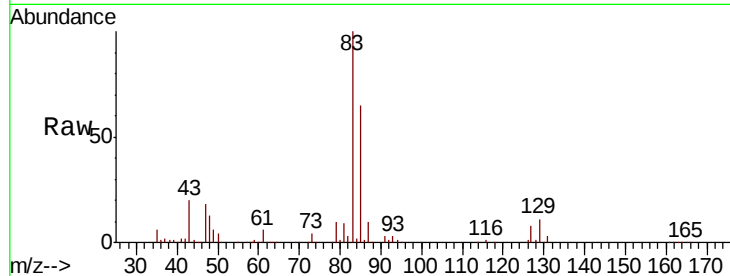
Tot Ion: 83 Resp: 129755

Ion Ratio Lower Upper

83 100

85 65.3 52.4 78.6

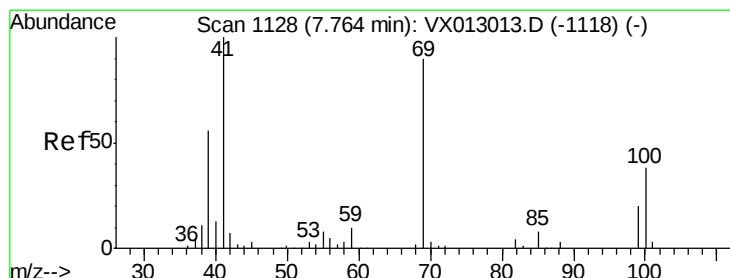
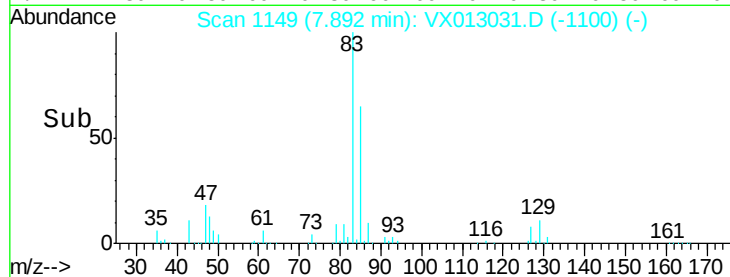
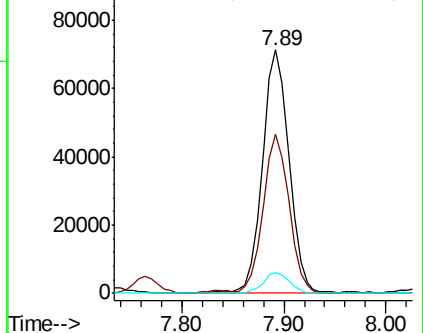
127 8.4 6.6 10.0



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: 61.260 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX013031.D

Acq: 11 Oct 2019 21:00

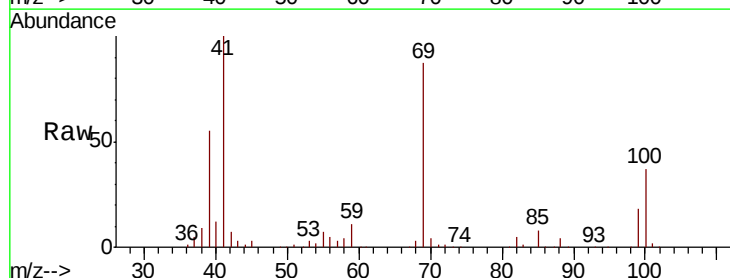
Tgt Ion: 41 Resp: 126235

Ion Ratio Lower Upper

41 100

69 103.5 68.7 103.1#

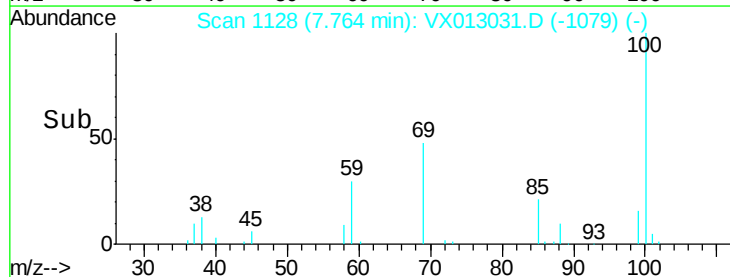
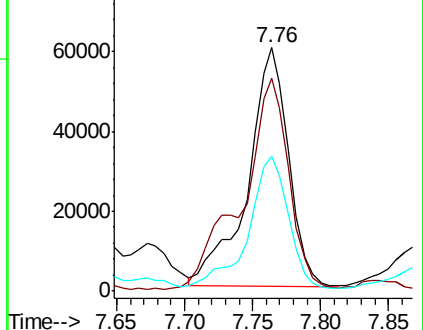
39 53.9 44.3 66.5

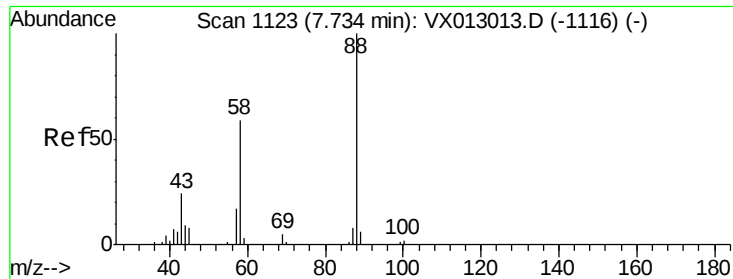


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 860.607 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX013031.D

Acq: 11 Oct 2019 21:00

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW3202MSD

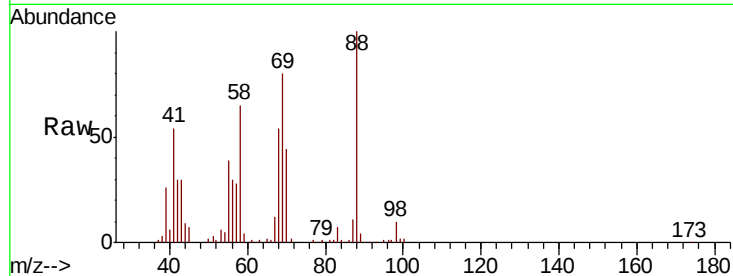
Tot Ion: 88 Resp: 47310

Ion Ratio Lower Upper

88 100

43 33.8 25.0 37.6

58 68.9 55.4 83.2

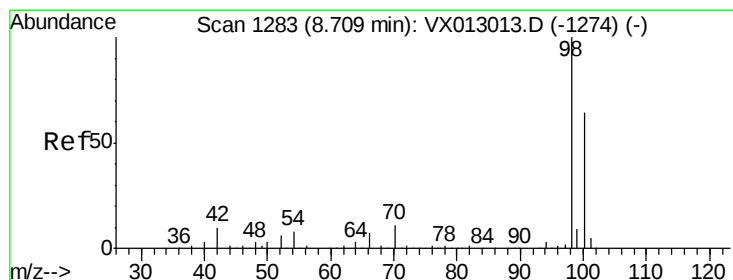
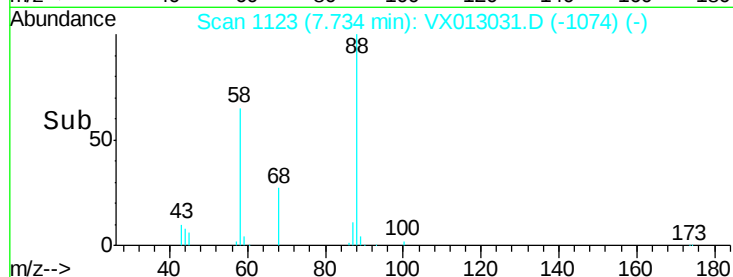
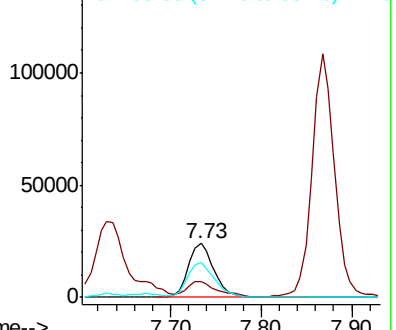


Abundance

Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 50.395 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013031.D

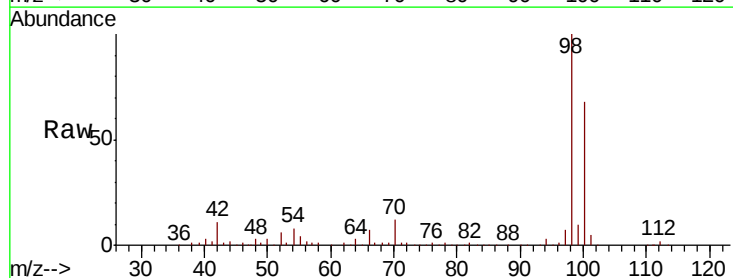
Acq: 11 Oct 2019 21:00

Tgt Ion: 98 Resp: 302314

Ion Ratio Lower Upper

98 100

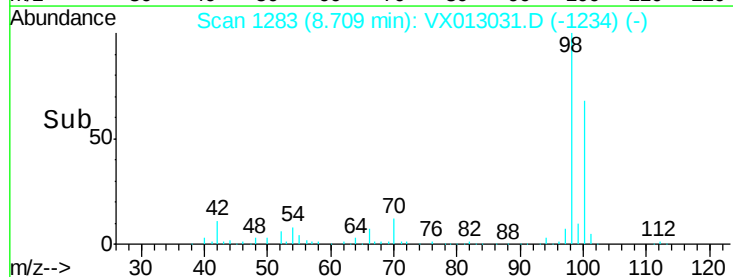
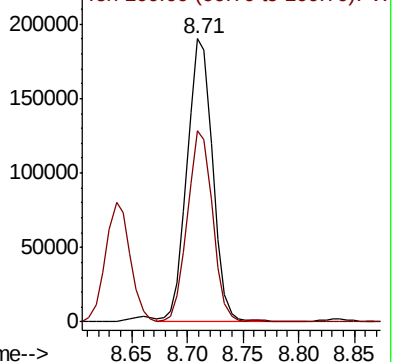
100 66.8 53.4 80.2

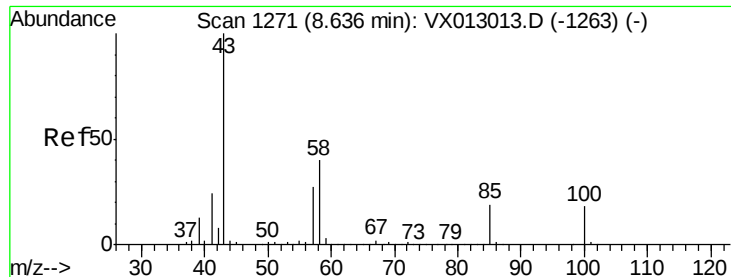


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 279.156 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX013031.D

Acq: 11 Oct 2019 21:00

Instrument :

MSVOA_X

ClientSampleId :

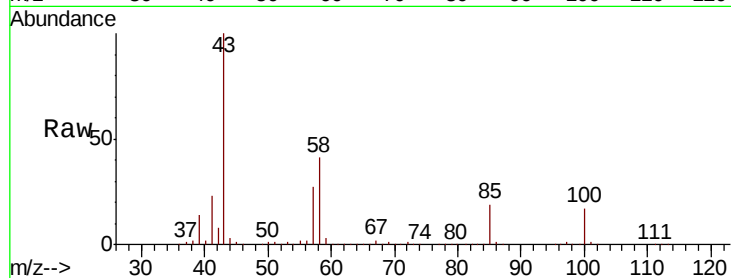
FA19-JMW3202MSD

Tot Ion: 43 Resp: 735975

Ion Ratio Lower Upper

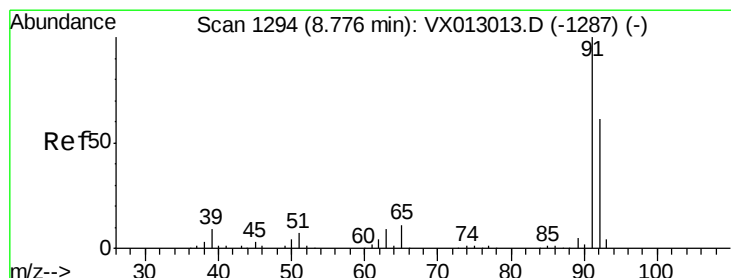
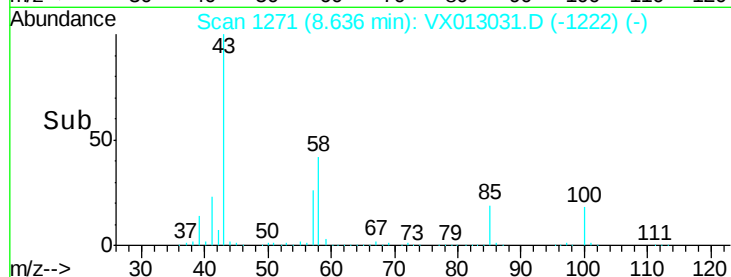
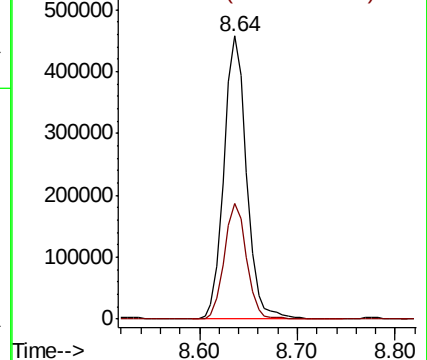
43 100

58 40.2 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: 74.392 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX013031.D

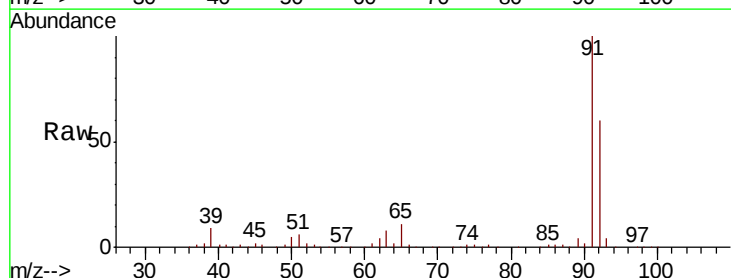
Acq: 11 Oct 2019 21:00

Tgt Ion: 92 Resp: 331188

Ion Ratio Lower Upper

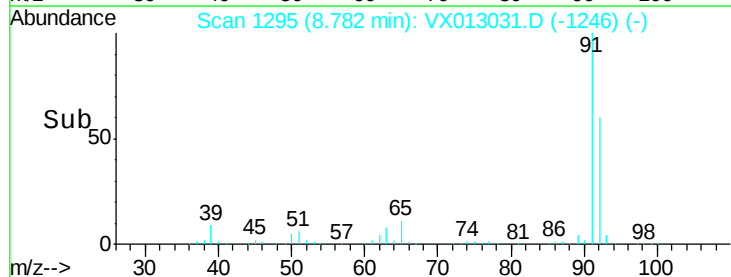
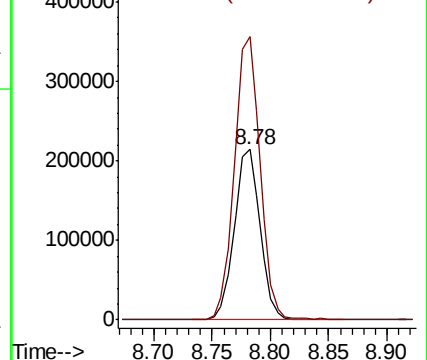
92 100

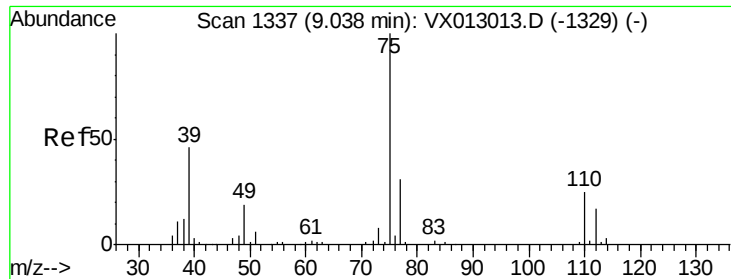
91 166.7 135.9 203.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

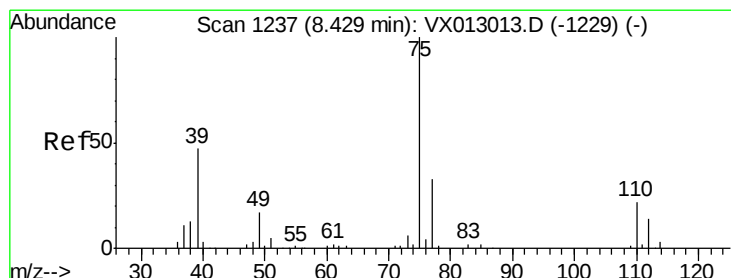
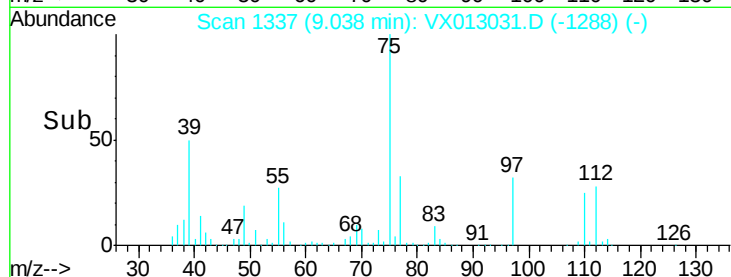
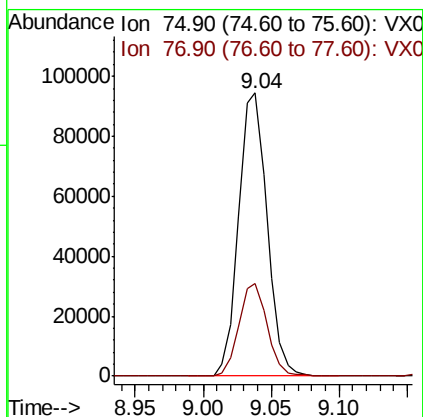
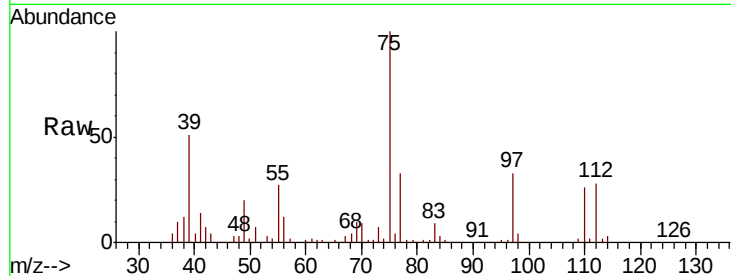




#53
 t-1,3-Dichloropropene
 Concen: 48.129 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VX013031.D
 Acq: 11 Oct 2019 21:00

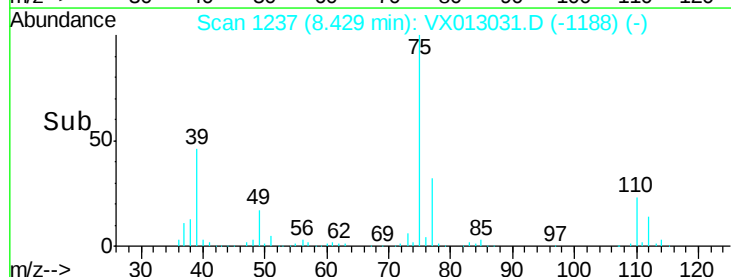
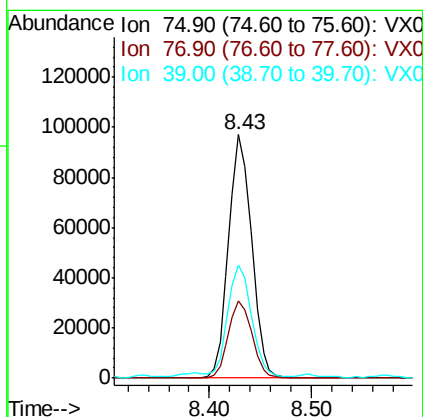
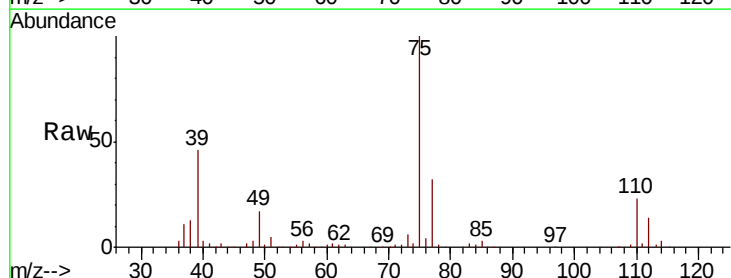
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW3202MSD

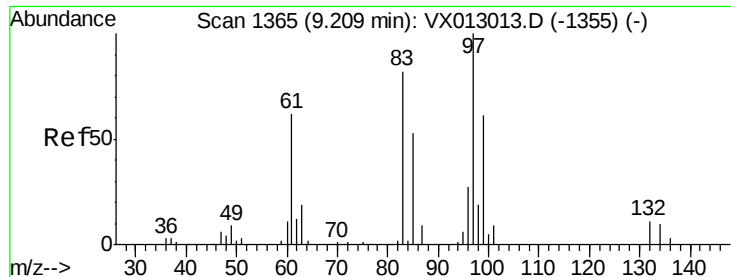
Tot Ion: 75 Resp: 138262
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.8 38.6



#54
 cis-1,3-Dichloropropene
 Concen: 53.783 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX013031.D
 Acq: 11 Oct 2019 21:00

Tgt Ion: 75 Resp: 152538
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.8 38.8
 39 45.7 38.2 57.2

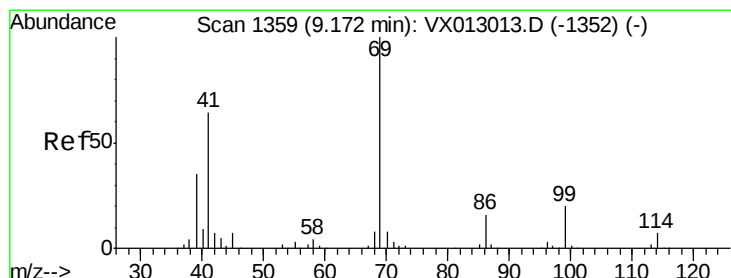
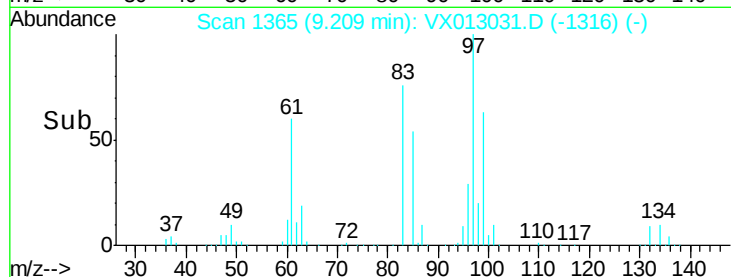
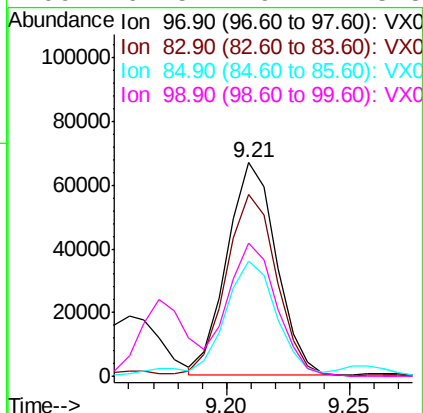
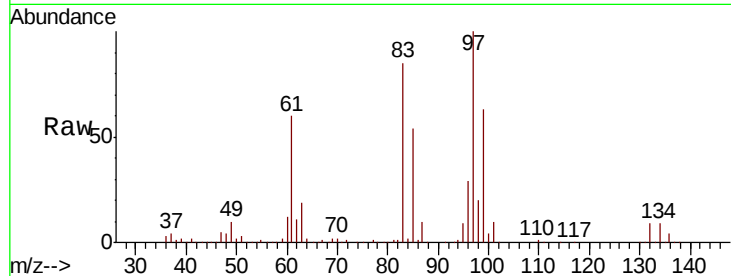




#55
 1,1,2-Trichloroethane
 Concen: 53.750 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX013031.D
 Acq: 11 Oct 2019 21:00

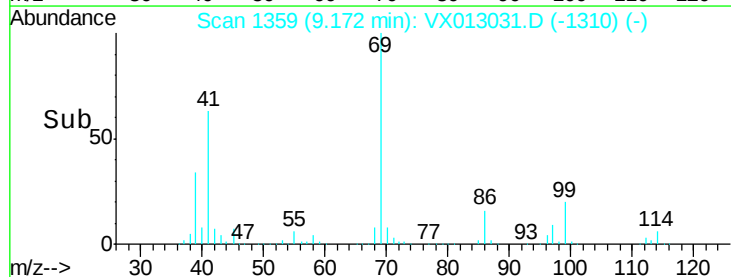
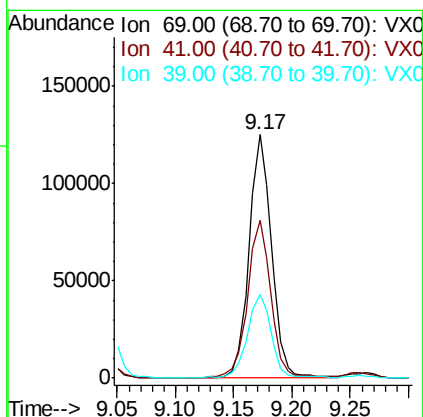
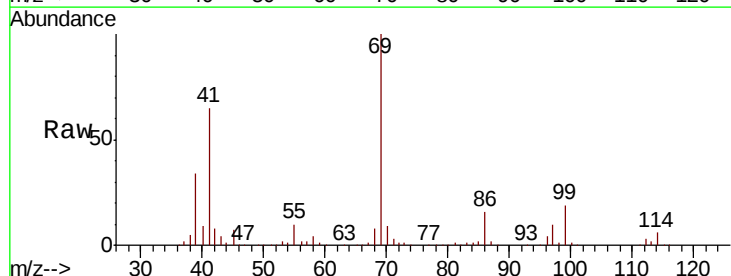
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW3202MSD

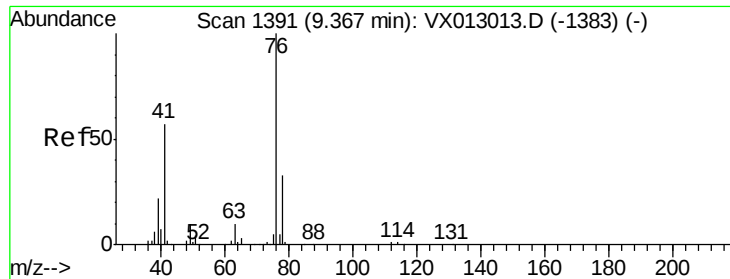
Tot Ion:	97	Resp:	94699
Ion	Ratio	Lower	Upper
97	100		
83	85.3	66.5	99.7
85	51.8	43.1	64.7
99	62.5	49.2	73.8



#56
 Ethyl methacrylate
 Concen: 53.774 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013031.D
 Acq: 11 Oct 2019 21:00

Tgt Ion:	69	Resp:	170103
Ion	Ratio	Lower	Upper
69	100		
41	66.5	52.1	78.1
39	36.2	27.8	41.8

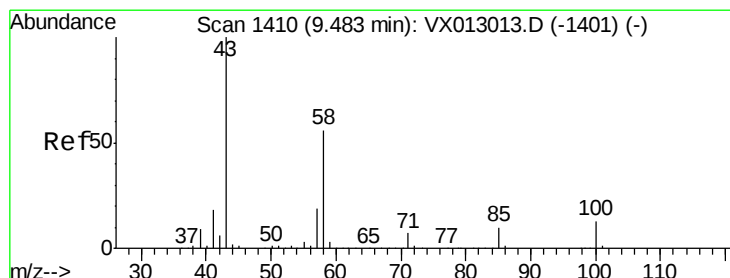
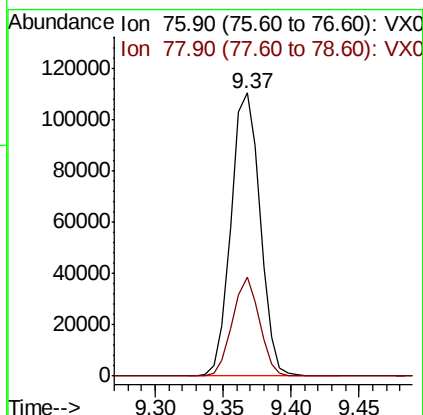
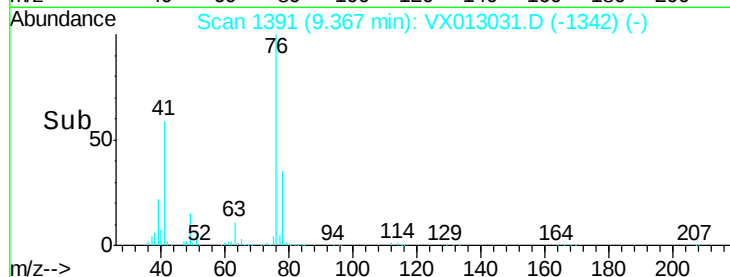
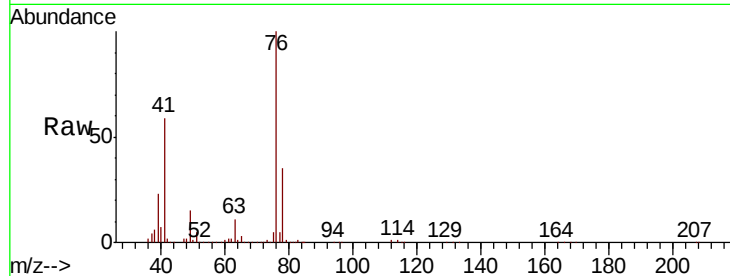




#57
 1,3-Dichloropropane
 Concen: 53.937 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX013031.D
 Acq: 11 Oct 2019 21:00

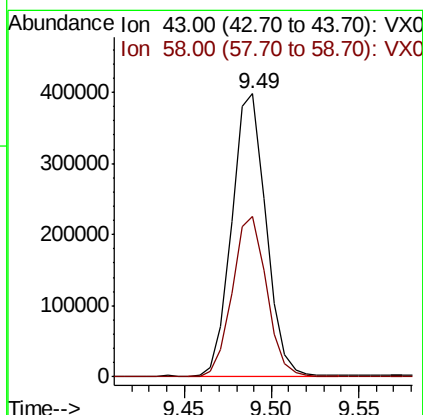
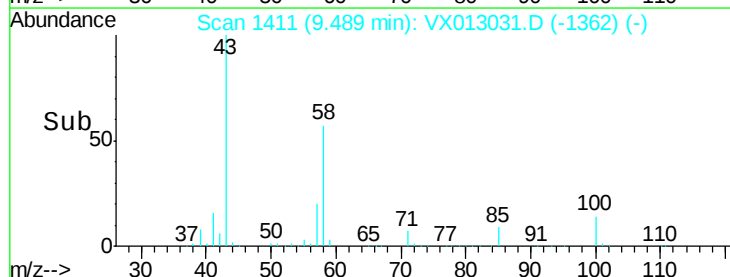
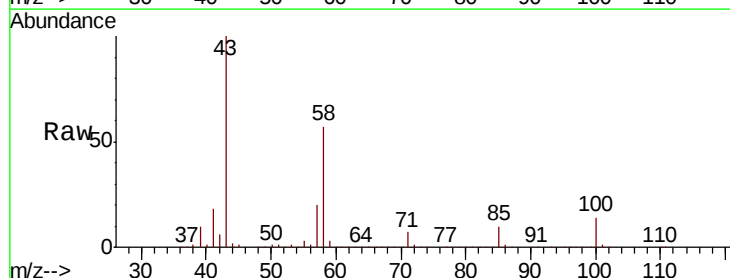
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW3202MSD

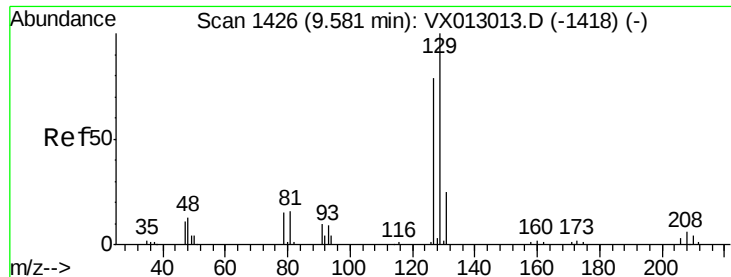
Tot Ion: 76 Resp: 164380
 Ion Ratio Lower Upper
 76 100
 78 32.6 26.1 39.1



#59
 2-Hexanone
 Concen: 262.576 ug/l
 RT: 9.49 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX013031.D
 Acq: 11 Oct 2019 21:00

Tgt Ion: 43 Resp: 538884
 Ion Ratio Lower Upper
 43 100
 58 57.5 28.1 84.3

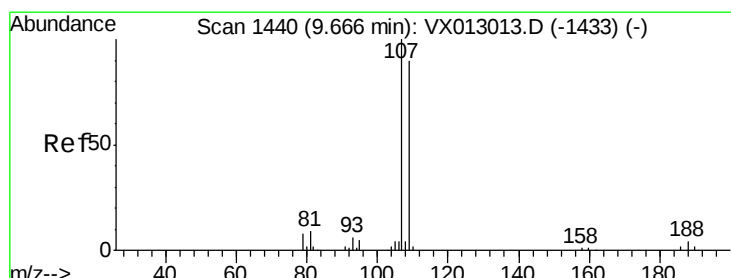
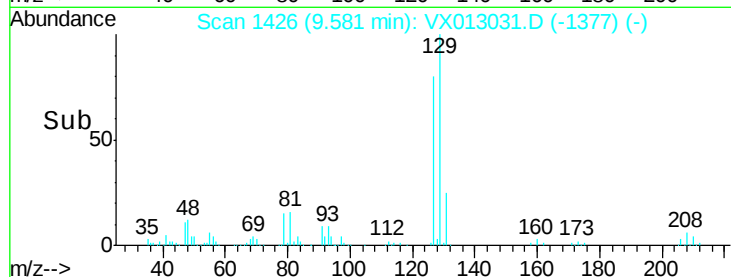
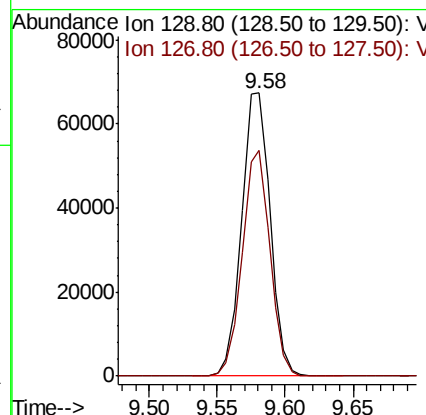
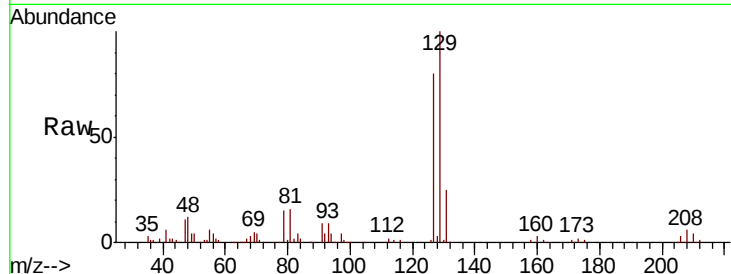




#60
 Dibromochloromethane
 Concen: 50.293 ug/l
 RT: 9.58 min Scan# 1426
 Delta R.T. 0.00 min
 Lab File: VX013031.D
 Acq: 11 Oct 2019 21:00

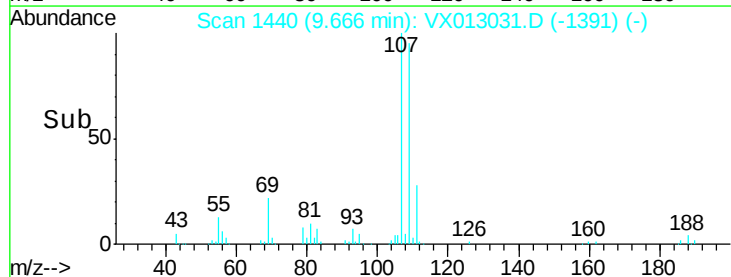
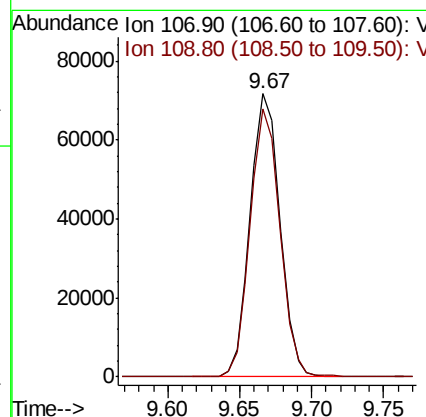
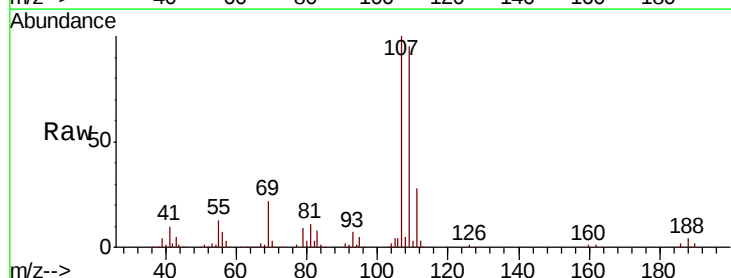
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW3202MSD

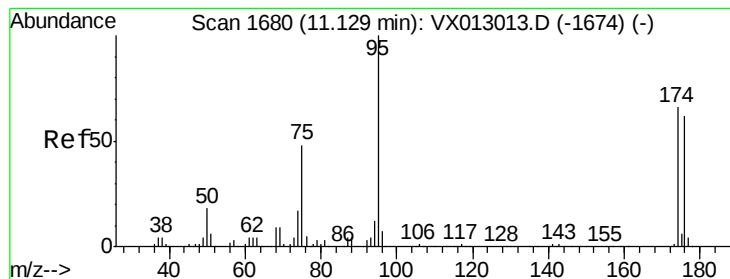
Tot Ion:129 Resp: 98627
 Ion Ratio Lower Upper
 129 100
 127 77.3 38.9 116.7



#61
 1,2-Dibromoethane
 Concen: 55.411 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VX013031.D
 Acq: 11 Oct 2019 21:00

Tgt Ion:107 Resp: 102696
 Ion Ratio Lower Upper
 107 100
 109 95.2 75.8 113.6





#62

4-Bromofluorobenzene

Concen: 50.904 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX013031.D

Acq: 11 Oct 2019 21:00

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW3202MSD

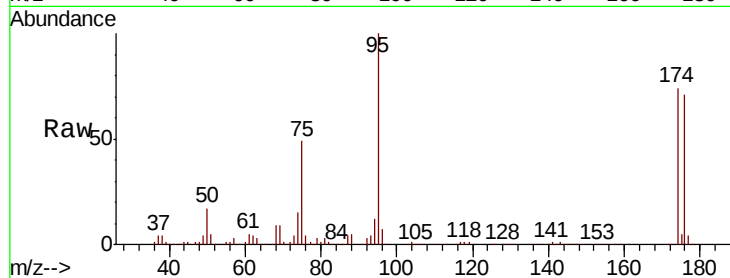
Tot Ion: 95 Resp: 118652

Ion Ratio Lower Upper

95 100

174 70.4 0.0 143.4

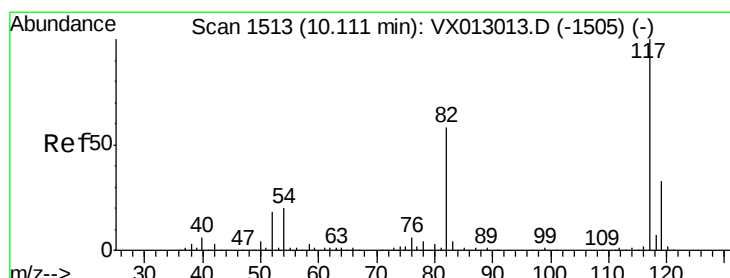
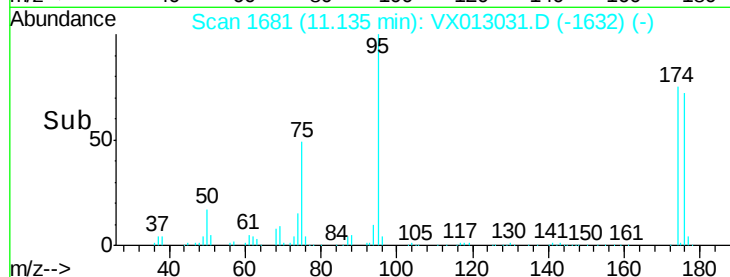
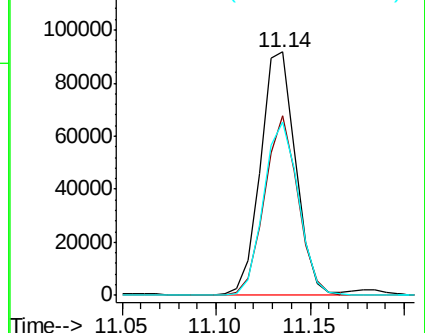
176 70.8 0.0 136.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX013031.D

Acq: 11 Oct 2019 21:00

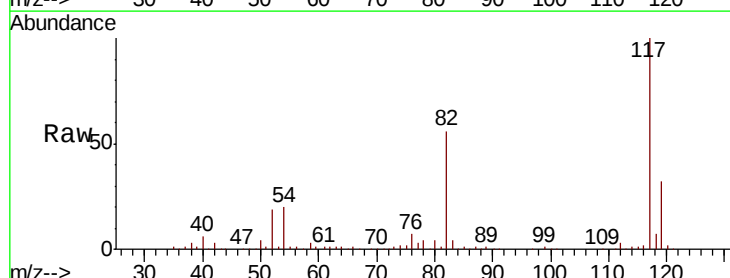
Tgt Ion: 117 Resp: 242612

Ion Ratio Lower Upper

117 100

82 56.2 44.1 66.1

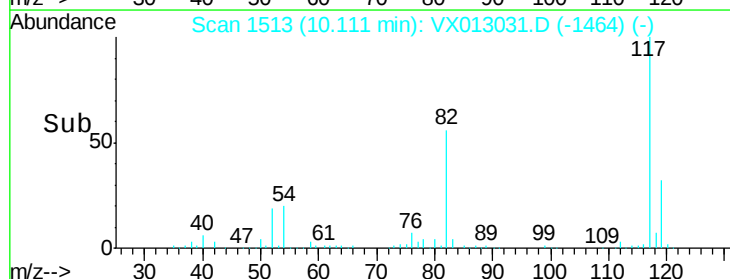
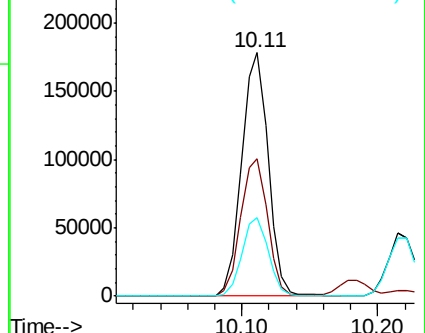
119 32.3 25.8 38.8

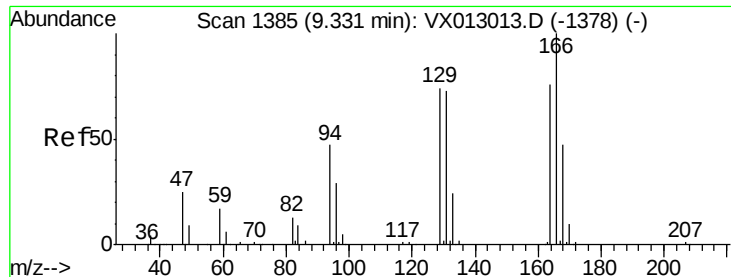


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

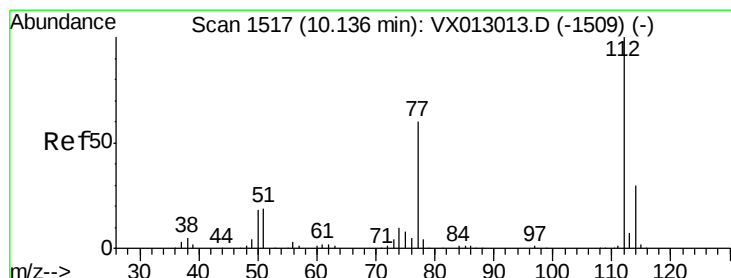
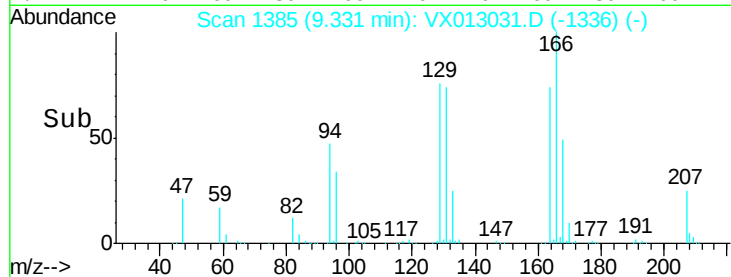
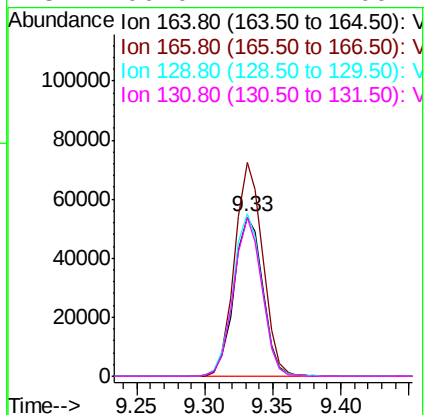
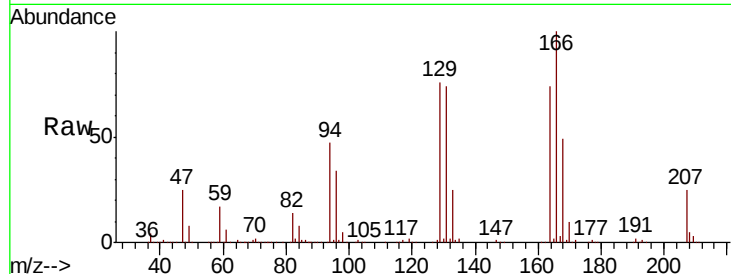




#64
 Tetrachloroethene
 Concen: 47.249 ug/l
 RT: 9.33 min Scan# 1385
 Delta R.T. 0.00 min
 Lab File: VX013031.D
 Acq: 11 Oct 2019 21:00

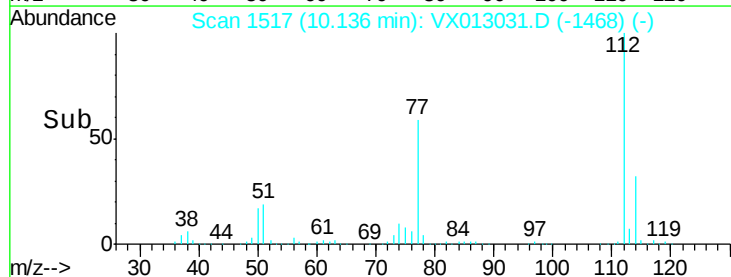
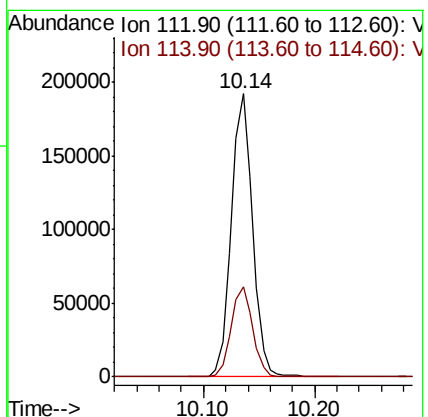
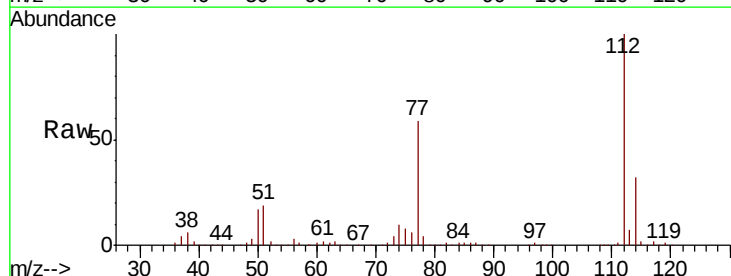
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW3202MSD

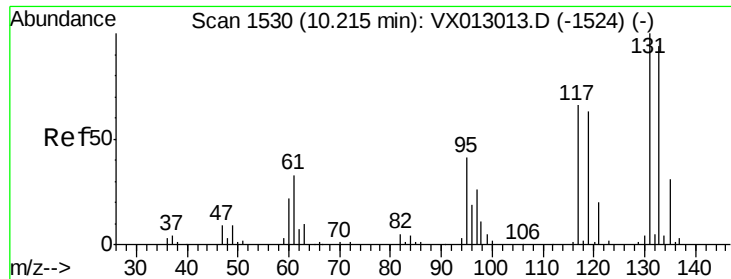
Tot Ion:	164	Resp:	79508
Ion	Ratio	Lower	Upper
164	100		
166	134.4	96.9	145.3
129	102.3	77.9	116.9
131	100.0	72.7	109.1



#65
 Chlorobenzene
 Concen: 52.708 ug/l
 RT: 10.14 min Scan# 1517
 Delta R.T. 0.00 min
 Lab File: VX013031.D
 Acq: 11 Oct 2019 21:00

Tgt Ion:	112	Resp:	253944
Ion	Ratio	Lower	Upper
112	100		
114	31.9	25.7	38.5

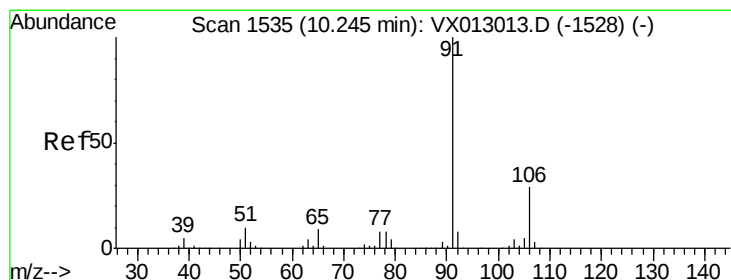
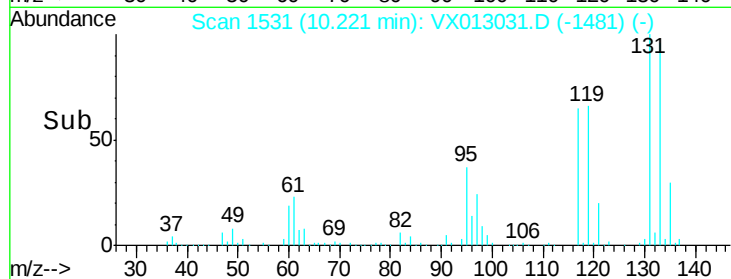
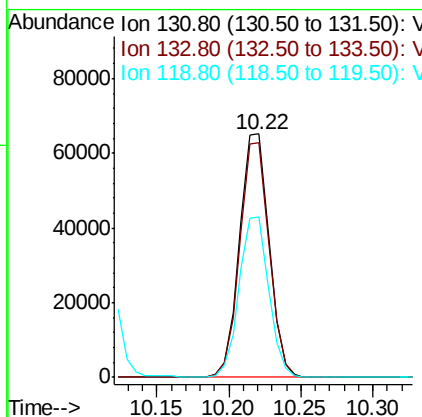
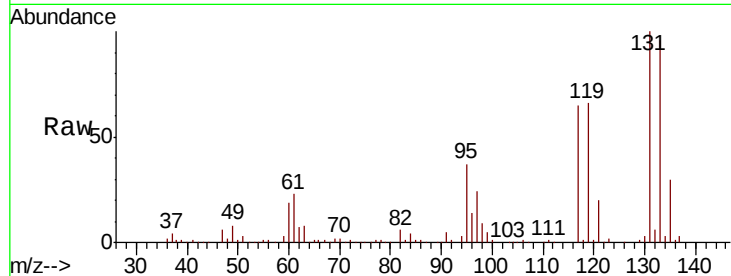




#66
 1,1,1,2-Tetrachloroethane
 Concen: 55.545 ug/l
 RT: 10.22 min Scan# 1531
 Delta R.T. 0.01 min
 Lab File: VX013031.D
 Acq: 11 Oct 2019 21:00

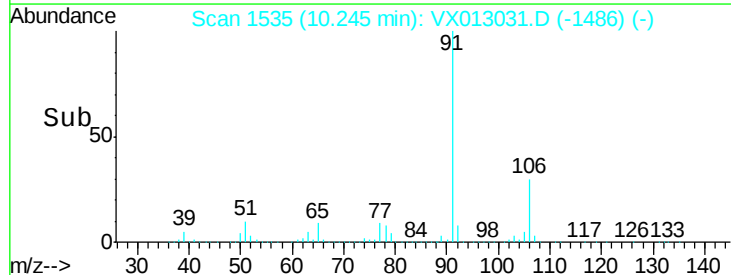
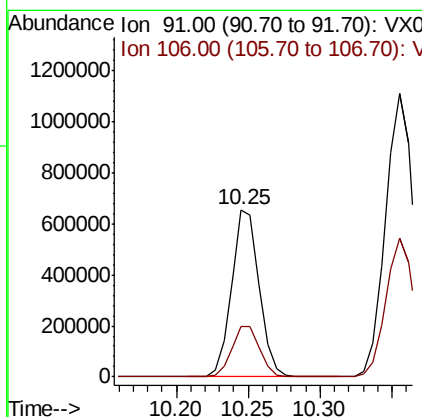
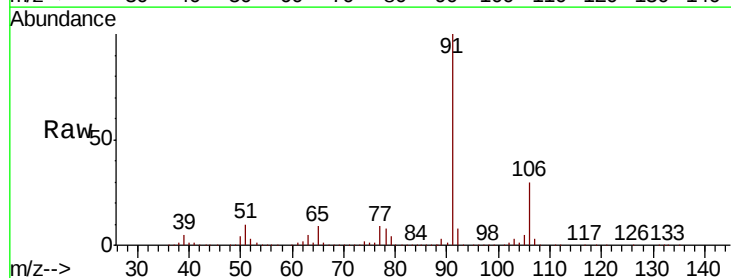
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW3202MSD

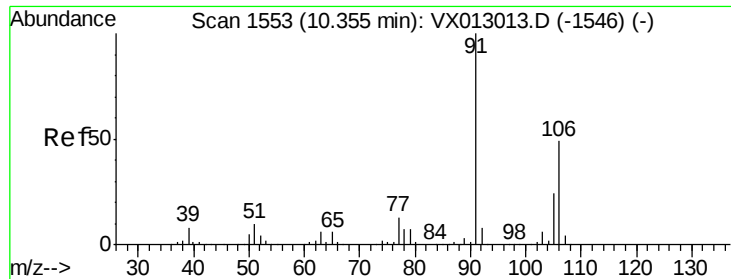
Tot Ion:131 Resp: 92787
 Ion Ratio Lower Upper
 131 100
 133 95.7 47.2 141.6
 119 66.0 32.6 98.0



#67
 Ethyl Benzene
 Concen: 102.593 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VX013031.D
 Acq: 11 Oct 2019 21:00

Tgt Ion: 91 Resp: 877987
 Ion Ratio Lower Upper
 91 100
 106 30.4 23.9 35.9





#68

m/p-Xylenes

Concen: 228.549 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX013031.D

Acq: 11 Oct 2019 21:00

Instrument :

MSVOA_X

ClientSampleId :

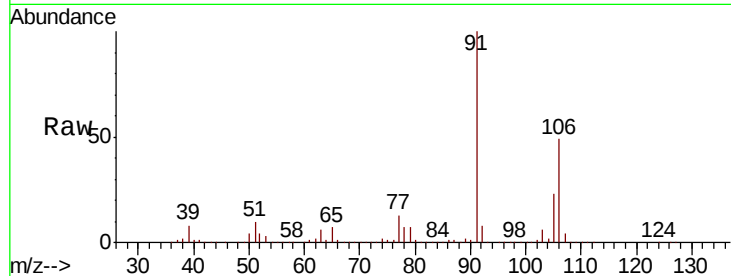
FA19-JMW3202MSD

Tot Ion:106 Resp: 730695

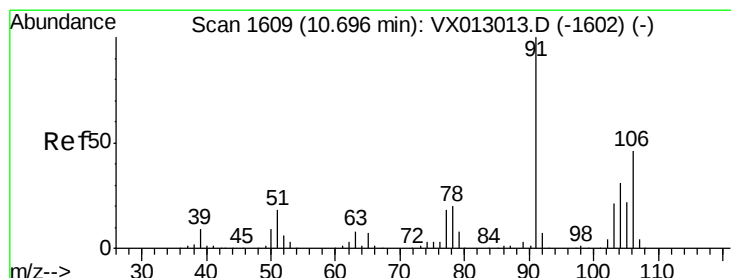
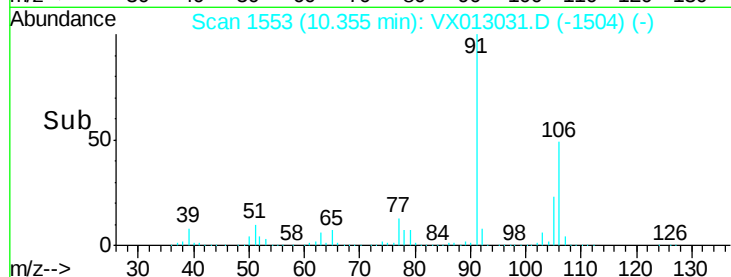
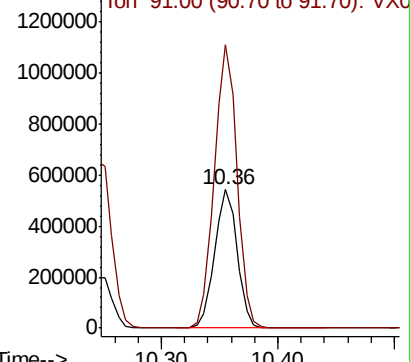
Ion Ratio Lower Upper

106 100

91 205.1 165.3 247.9



Abundance Ion 106.00 (105.70 to 106.70): V



#69

o-Xylene

Concen: 60.904 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. 0.00 min

Lab File: VX013031.D

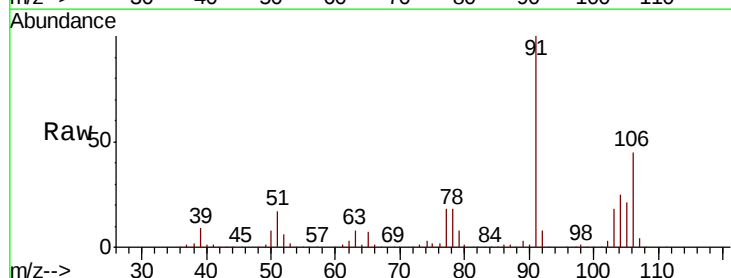
Acq: 11 Oct 2019 21:00

Tgt Ion:106 Resp: 189884

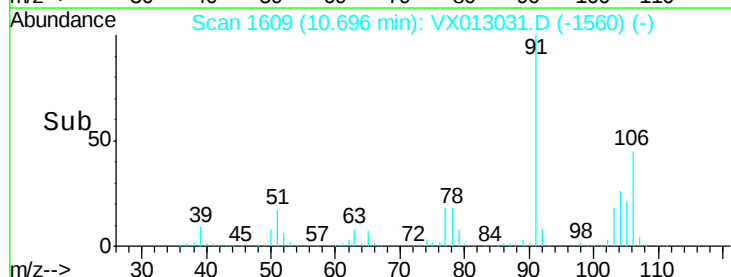
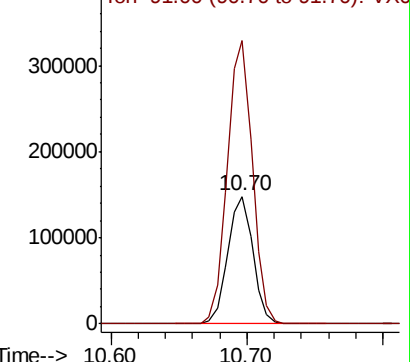
Ion Ratio Lower Upper

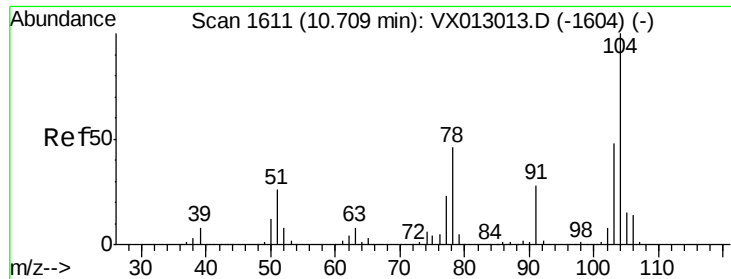
106 100

91 222.7 109.1 327.3



Abundance Ion 106.00 (105.70 to 106.70): V

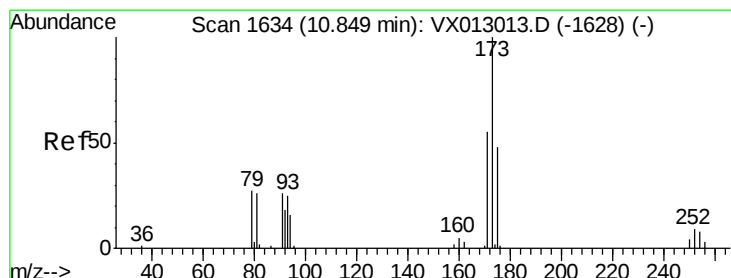
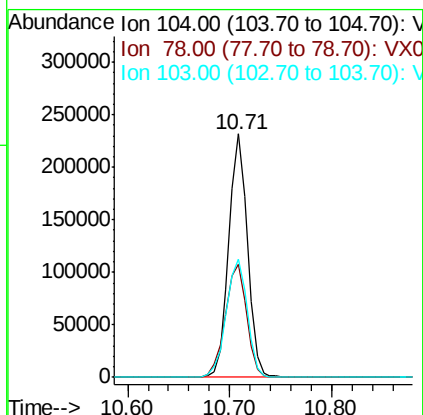
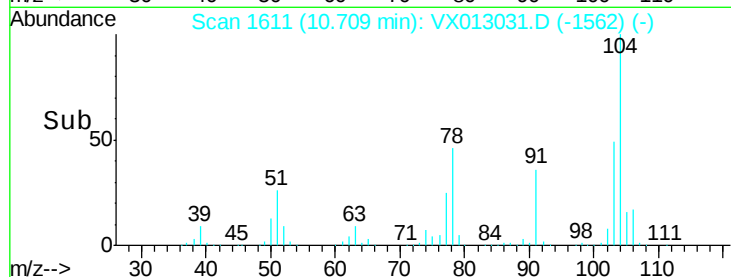
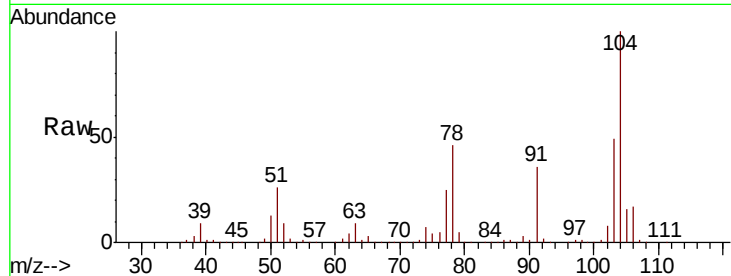




#70
Stvrene
Concen: 55.362 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013031.D
Acq: 11 Oct 2019 21:00

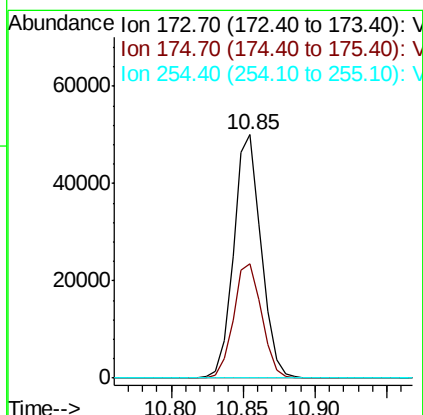
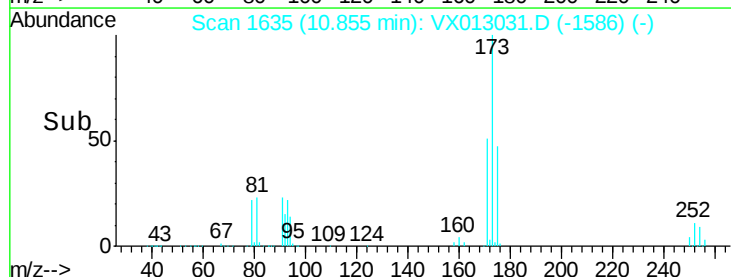
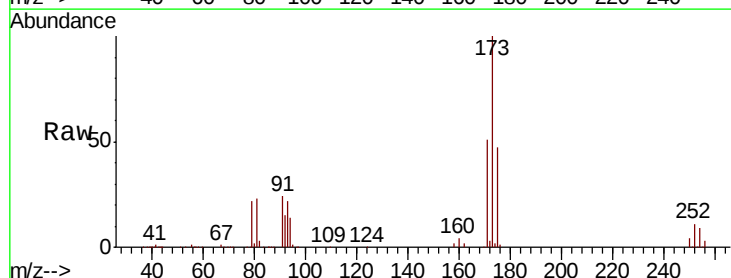
Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW3202MSD

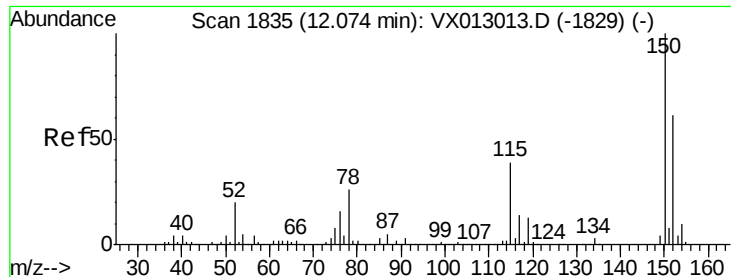
Tot Ion:104 Resp: 293430
Ion Ratio Lower Upper
104 100
78 53.1 41.2 61.8
103 54.9 43.0 64.4



#71
Bromoform
Concen: 46.905 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX013031.D
Acq: 11 Oct 2019 21:00

Tgt Ion:173 Resp: 66454
Ion Ratio Lower Upper
173 100
175 48.5 24.1 72.3
254 0.2 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX013031.D

Acq: 11 Oct 2019 21:00

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW3202MSD

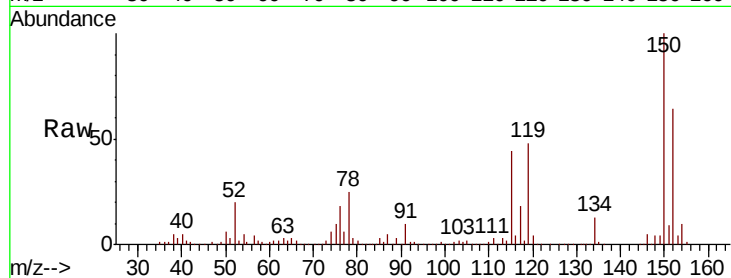
Tot Ion:152 Resp: 115144

Ion Ratio Lower Upper

152 100

115 90.2 44.5 133.5

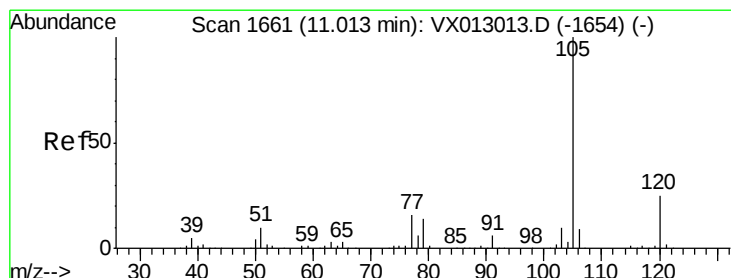
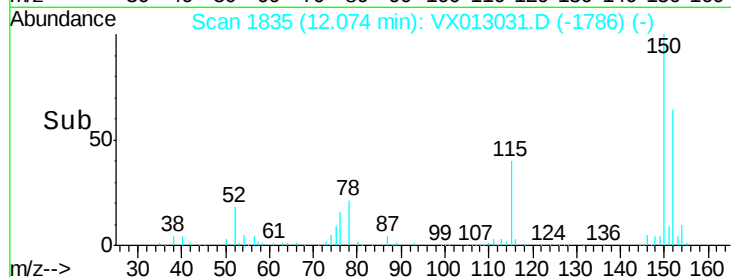
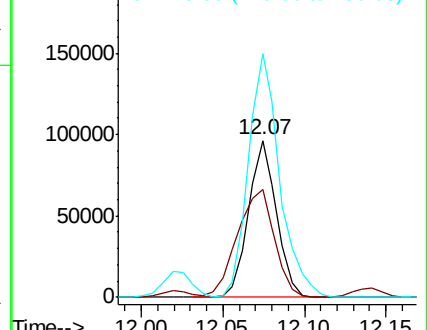
150 174.8 0.0 353.4



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: 70.679 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013031.D

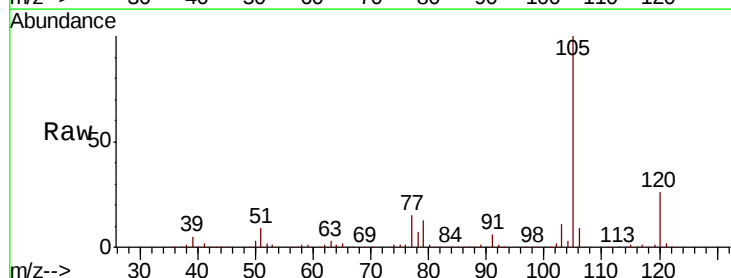
Acq: 11 Oct 2019 21:00

Tgt Ion:105 Resp: 598340

Ion Ratio Lower Upper

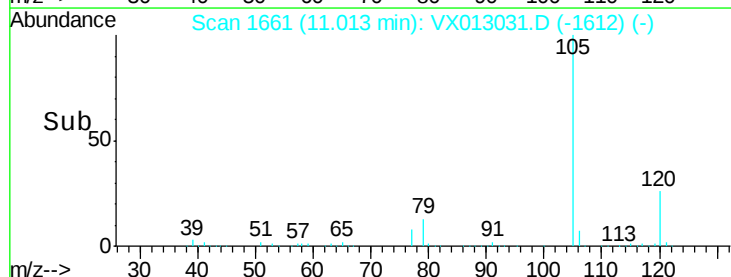
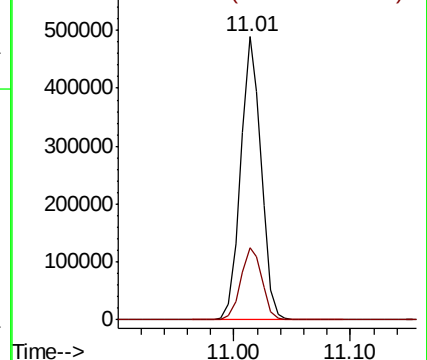
105 100

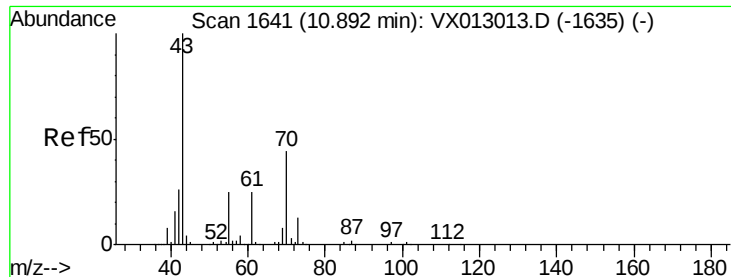
120 26.2 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 53.588 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013031.D

Acq: 11 Oct 2019 21:00

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW3202MSD

Tot Ion: 43 Resp: 195379

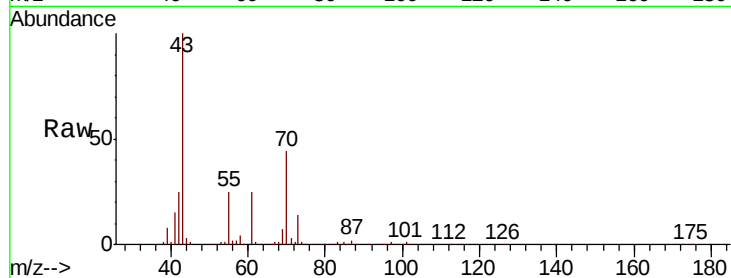
Ion Ratio Lower Upper

43 100

70 46.0 36.4 54.6

55 28.6 20.2 30.2

61 25.6 20.5 30.7

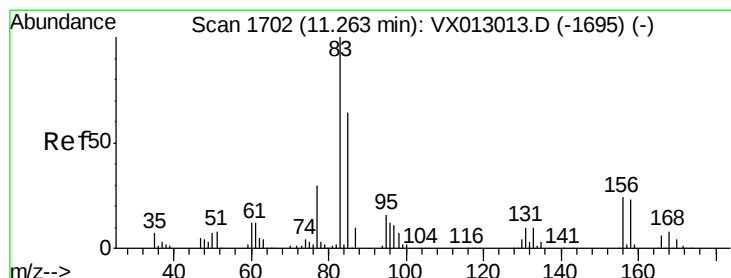
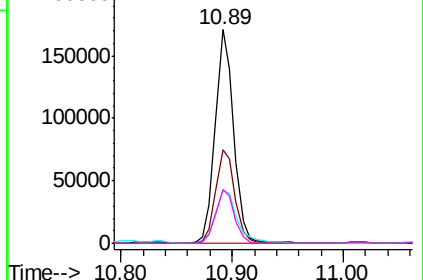
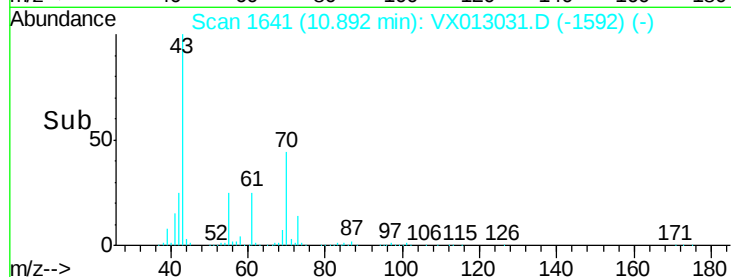


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 53.396 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013031.D

Acq: 11 Oct 2019 21:00

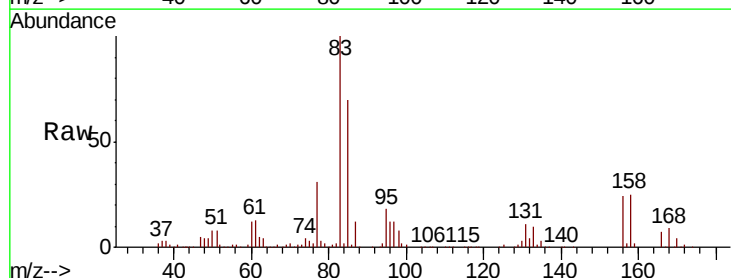
Tgt Ion: 83 Resp: 150345

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.3

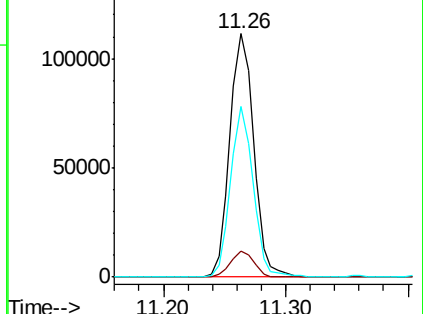
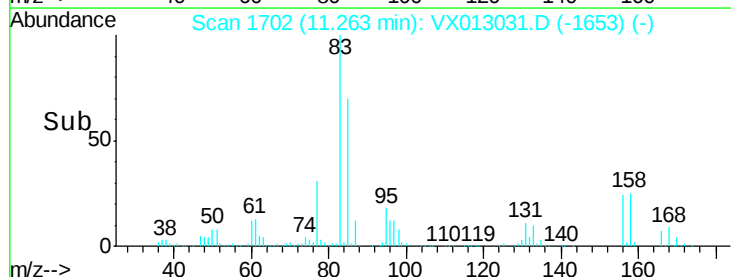
85 66.1 32.1 96.5

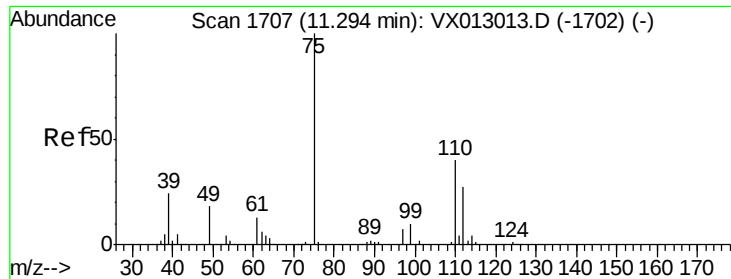


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



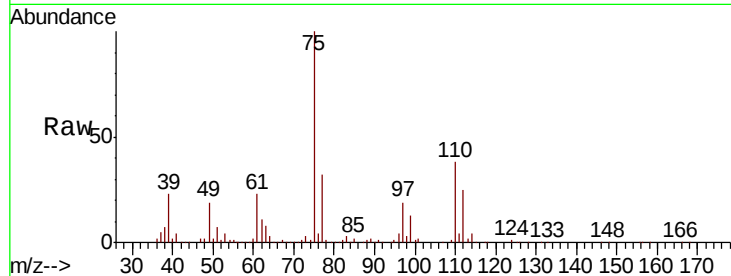


#76

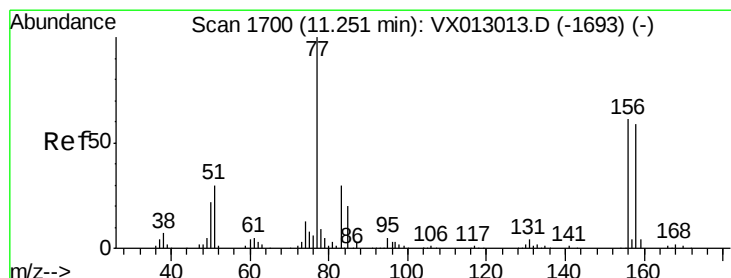
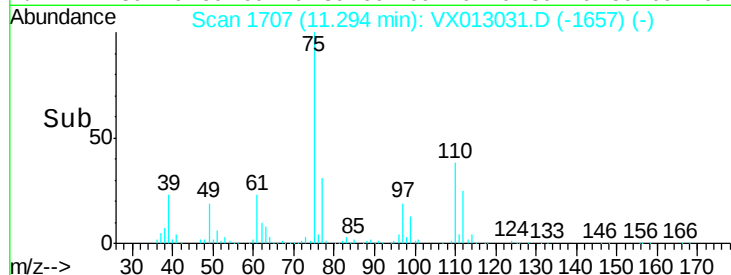
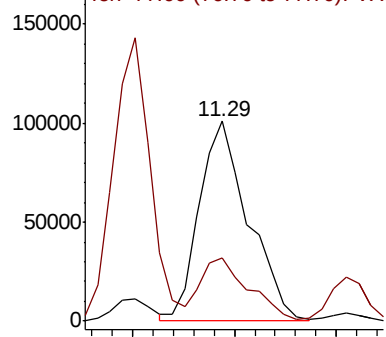
1,2,3-Trichloropropane
Concen: 66.117 ug/l
RT: 11.29 min Scan# 1707
Delta R.T. 0.01 min
Lab File: VX013031.D
Acq: 11 Oct 2019 21:00

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW3202MSD

Tot Ion: 75 Resp: 168855
Ion Ratio Lower Upper
75 100
77 31.0 22.9 68.8



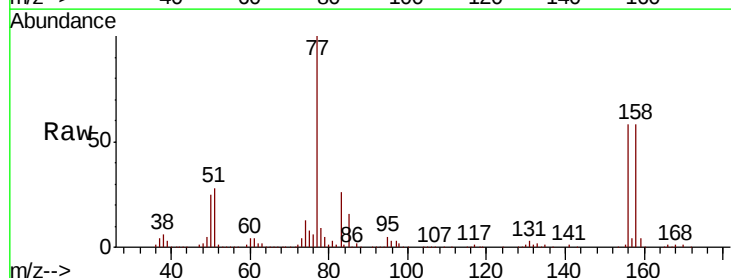
Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0



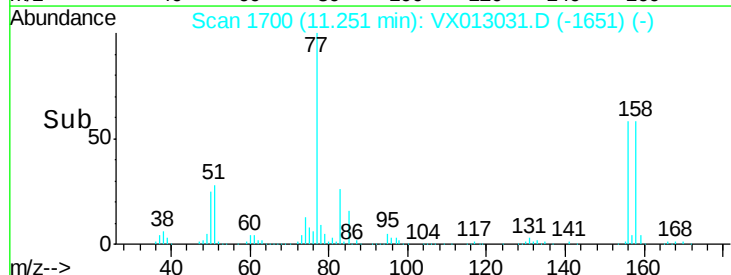
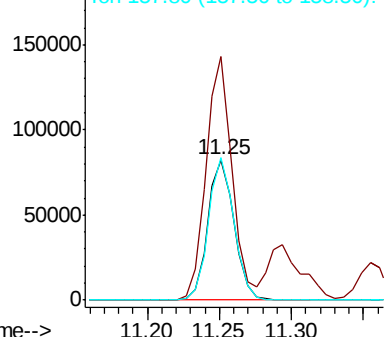
#77

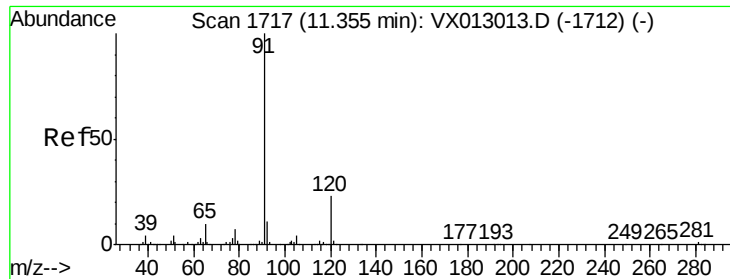
Bromobenzene
Concen: 52.213 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. 0.00 min
Lab File: VX013031.D
Acq: 11 Oct 2019 21:00

Tgt Ion: 156 Resp: 104160
Ion Ratio Lower Upper
156 100
77 172.9 83.7 251.0
158 99.2 48.6 145.9



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





#78

n-propylbenzene

Concen: 72.931 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013031.D

Acq: 11 Oct 2019 21:00

Instrument :

MSVOA_X

ClientSampleId :

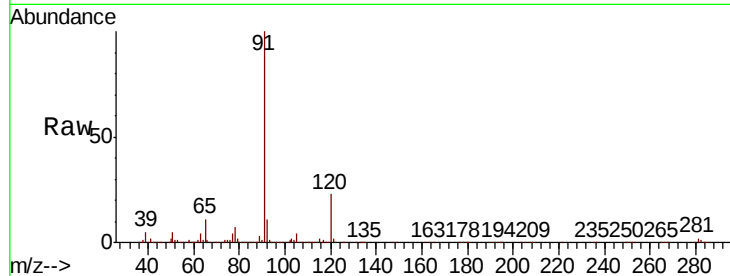
FA19-JMW3202MSD

Tot Ion: 91 Resp: 679377

Ion Ratio Lower Upper

91 100

120 23.8 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

11.35

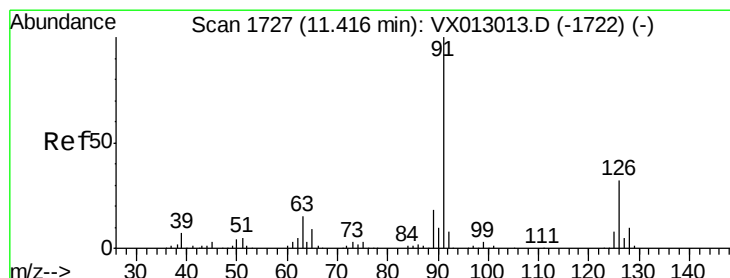
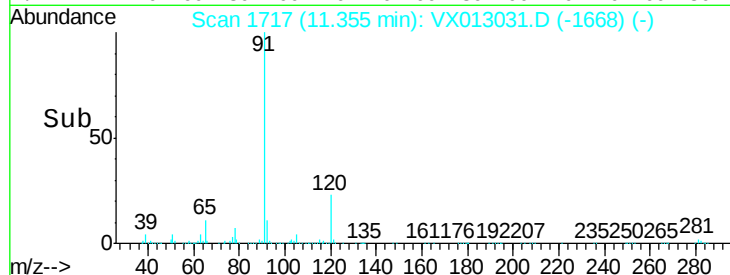
600000

400000

200000

0

Time--> 11.30 11.35 11.40



#79

2-Chlorotoluene

Concen: 60.660 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013031.D

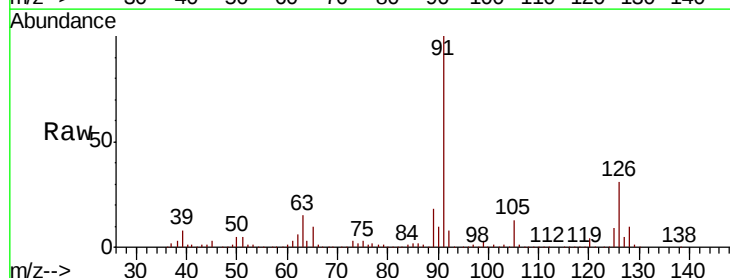
Acq: 11 Oct 2019 21:00

Tgt Ion: 91 Resp: 355127

Ion Ratio Lower Upper

91 100

126 27.8 16.3 48.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

11.42

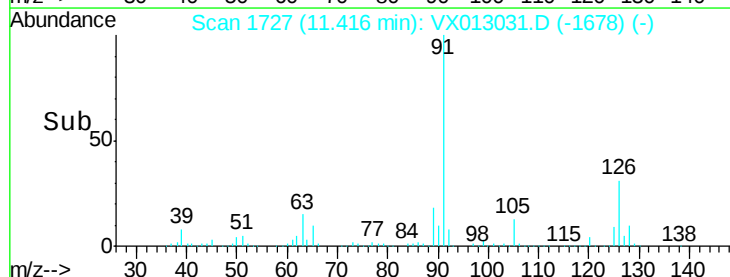
600000

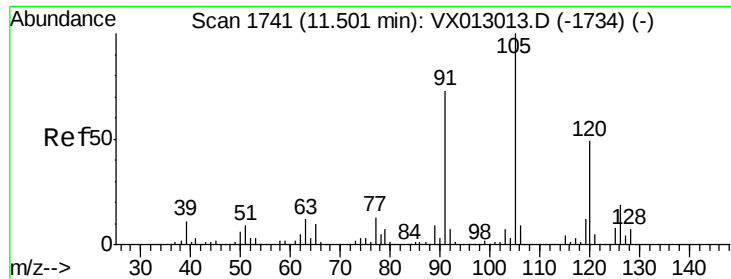
400000

200000

0

Time--> 11.35 11.40 11.45 11.50

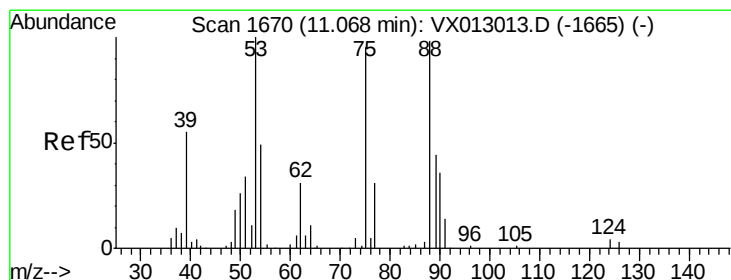
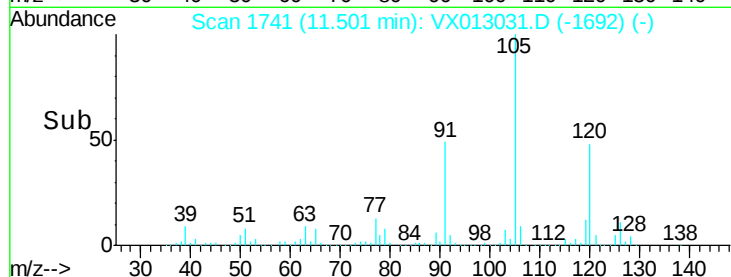
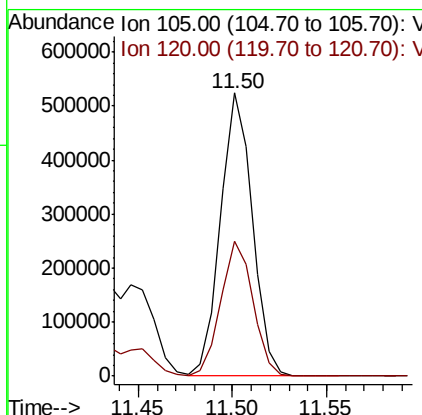
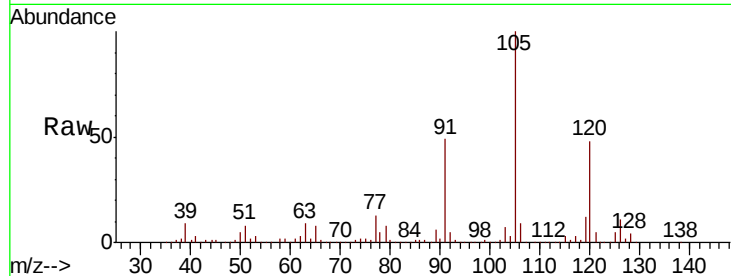




#80
 1,3,5-Trimethylbenzene
 Concen: 86.880 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX013031.D
 Acq: 11 Oct 2019 21:00

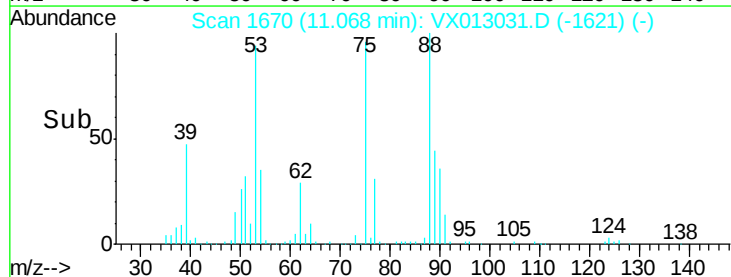
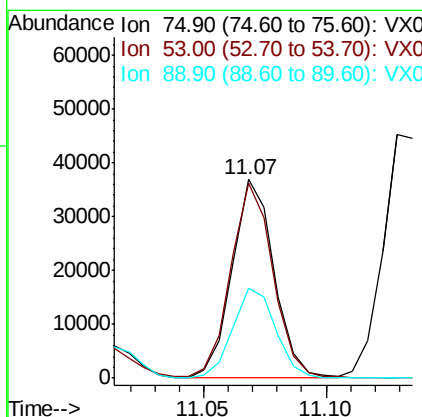
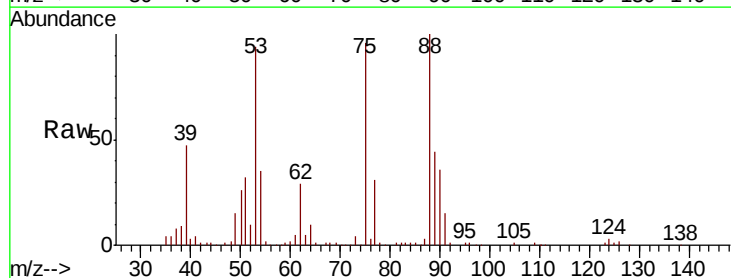
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW3202MSD

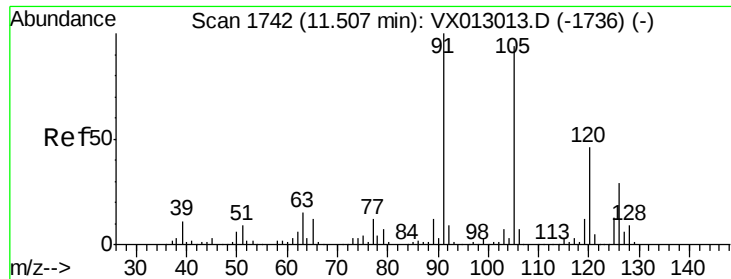
Tot Ion:105 Resp: 614135
 Ion Ratio Lower Upper
 105 100
 120 48.4 24.8 74.3



#81
 trans-1,4-Dichloro-2-butene
 Concen: 44.204 ug/l
 RT: 11.07 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: VX013031.D
 Acq: 11 Oct 2019 21:00

Tgt Ion: 75 Resp: 43389
 Ion Ratio Lower Upper
 75 100
 53 99.6 78.5 117.7
 89 47.0 37.4 56.2

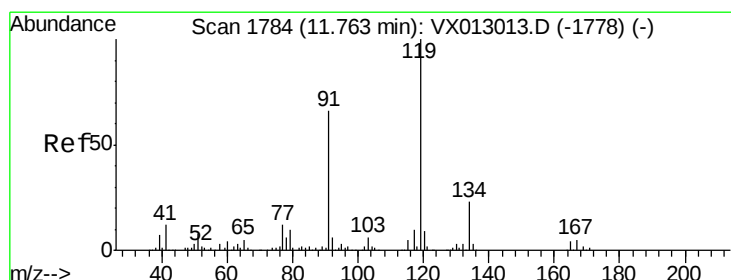
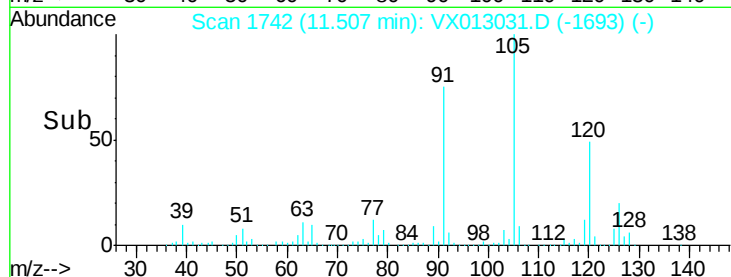
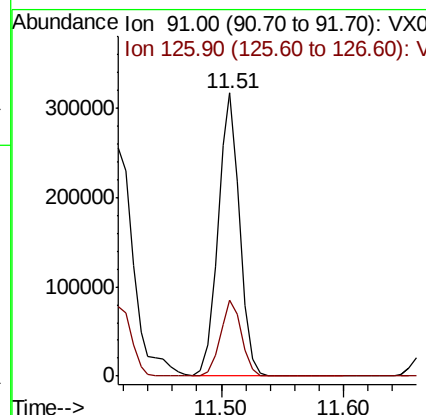
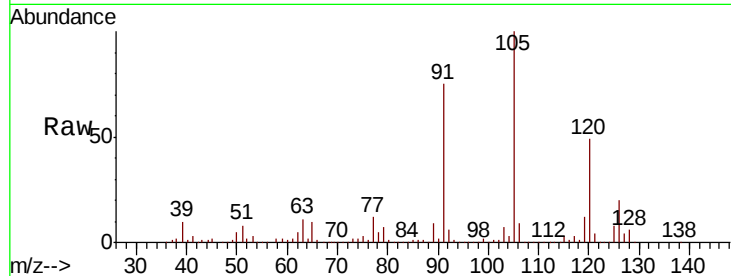




#82
4-Chlorotoluene
Concen: 57.795 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX013031.D
Acq: 11 Oct 2019 21:00

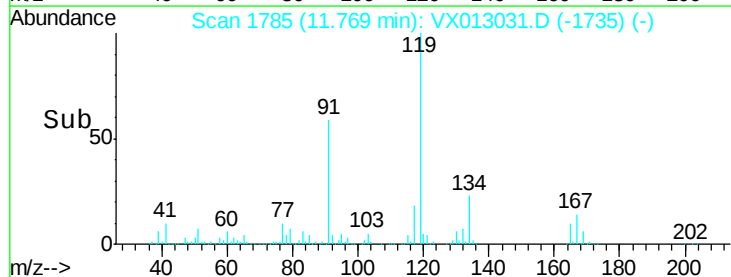
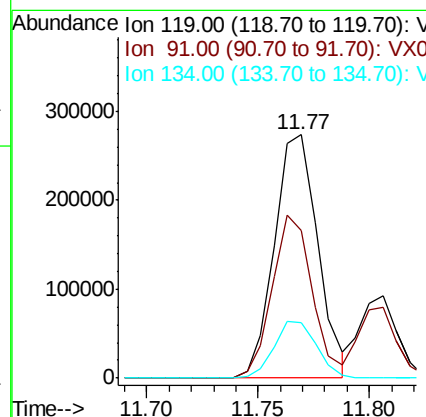
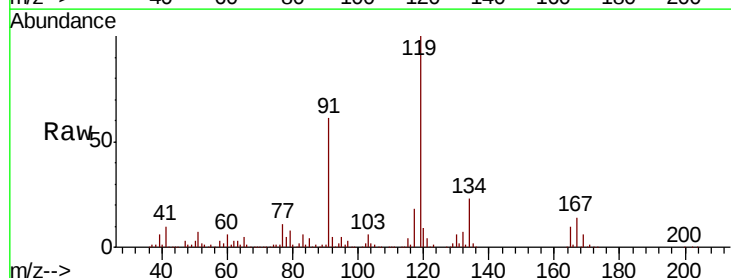
Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW3202MSD

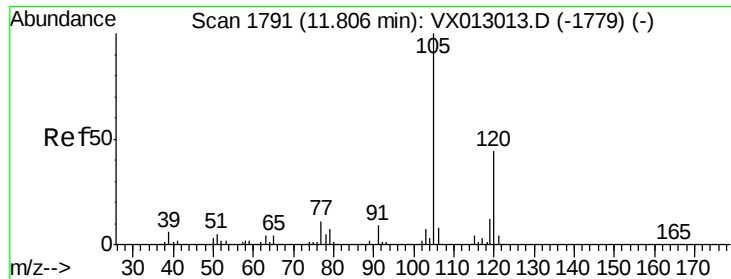
Tot Ion: 91 Resp: 387816
Ion Ratio Lower Upper
91 100
126 26.4 14.2 42.6



#83
tert-Butylbenzene
Concen: 53.893 ug/l
RT: 11.77 min Scan# 1785
Delta R.T. 0.01 min
Lab File: VX013031.D
Acq: 11 Oct 2019 21:00

Tgt Ion: 119 Resp: 371618
Ion Ratio Lower Upper
119 100
91 61.9 29.3 87.9
134 22.9 11.5 34.4

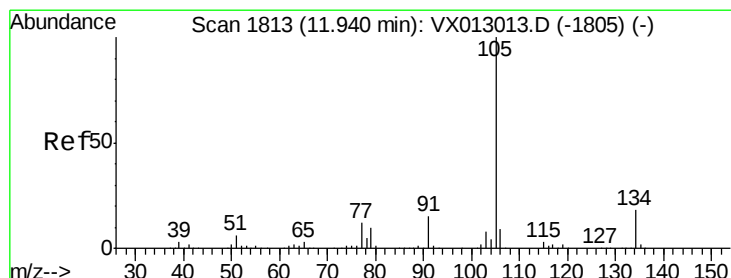
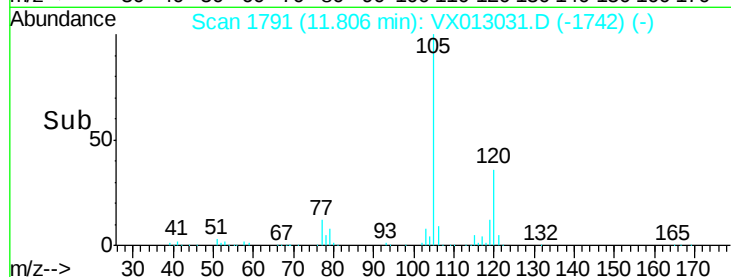
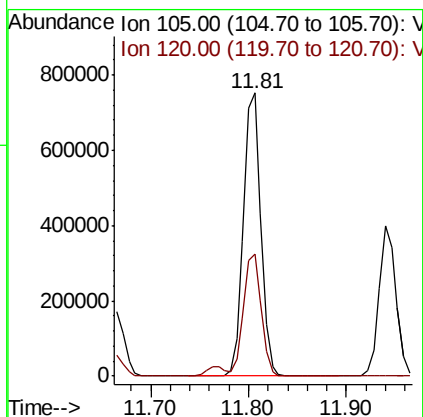
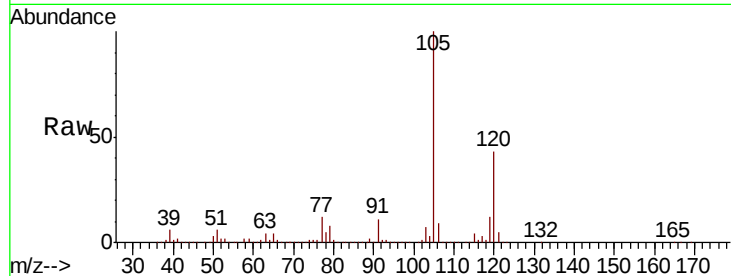




#84
 1,2,4-Trimethylbenzene
 Concen: 130.275 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX013031.D
 Acq: 11 Oct 2019 21:00

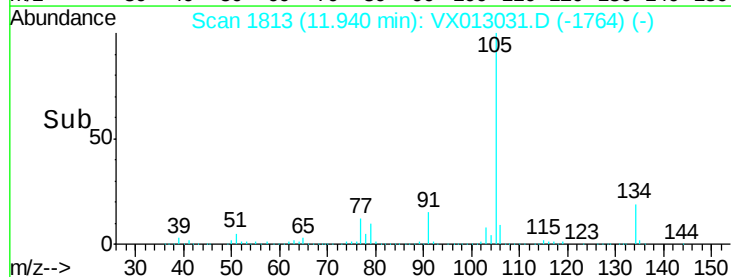
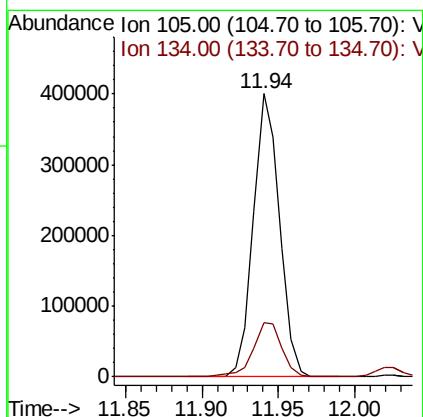
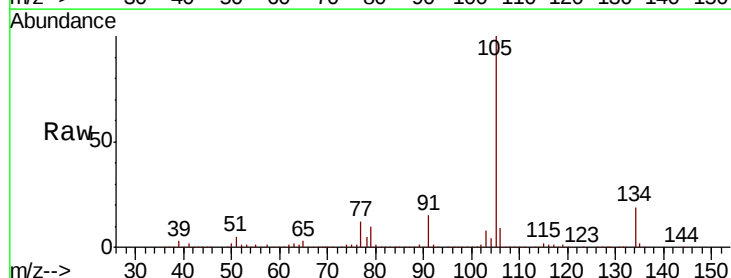
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW3202MSD

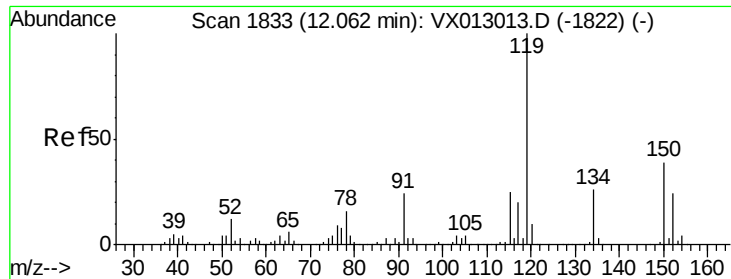
Tot Ion:105 Resp: 932651
 Ion Ratio Lower Upper
 105 100
 120 43.8 21.8 65.3



#85
 sec-Butylbenzene
 Concen: 59.682 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX013031.D
 Acq: 11 Oct 2019 21:00

Tgt Ion:105 Resp: 476788
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.0 30.0

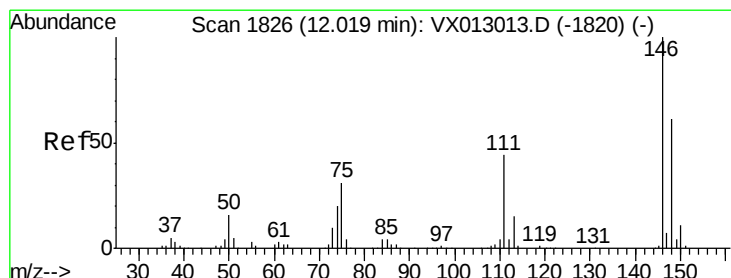
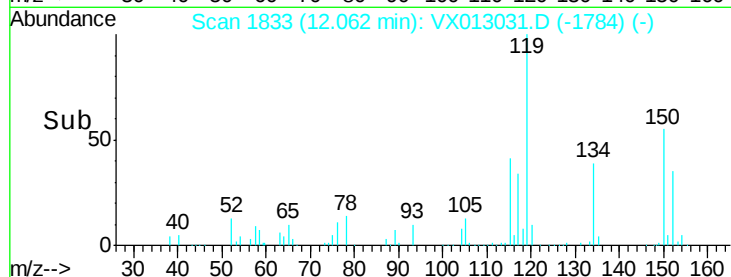
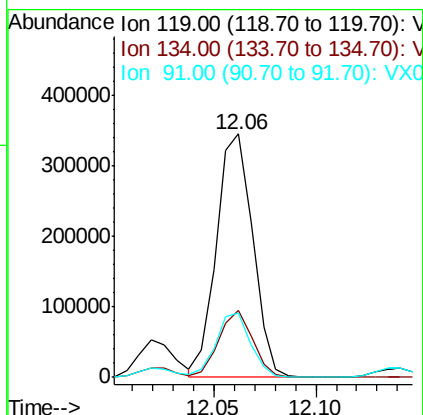
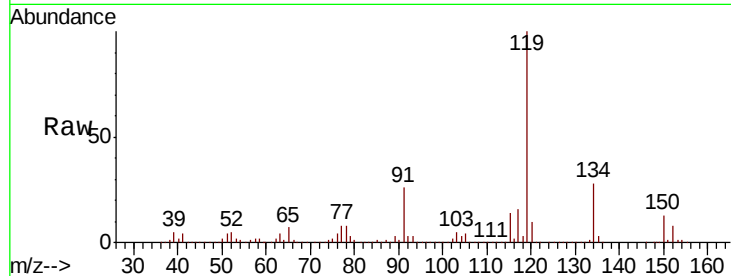




#86
 p-Isopropyltoluene
 Concen: 57.649 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX013031.D
 Acq: 11 Oct 2019 21:00

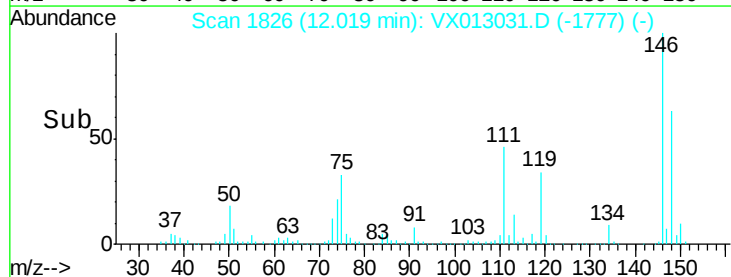
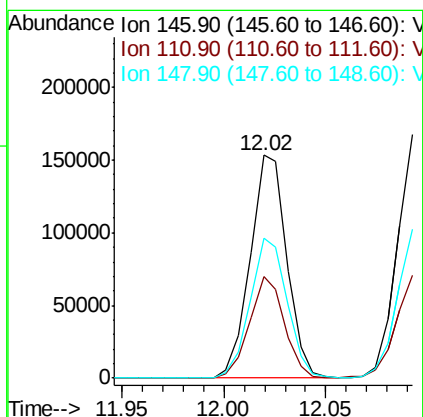
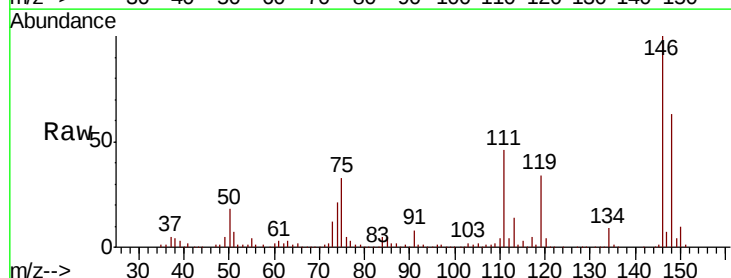
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW3202MSD

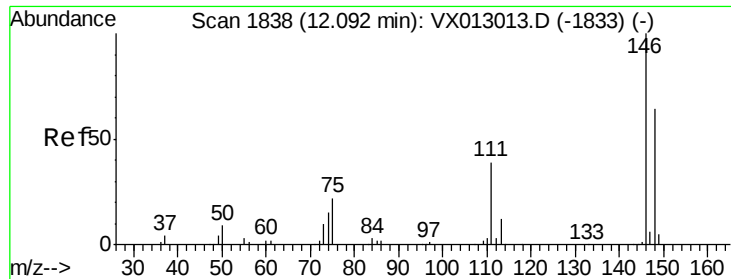
Tot Ion:119 Resp: 427128
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.6 37.8
 91 25.2 12.4 37.4



#87
 1,3-Dichlorobenzene
 Concen: 51.831 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX013031.D
 Acq: 11 Oct 2019 21:00

Tgt Ion:146 Resp: 192009
 Ion Ratio Lower Upper
 146 100
 111 43.8 21.1 63.4
 148 63.4 31.6 95.0

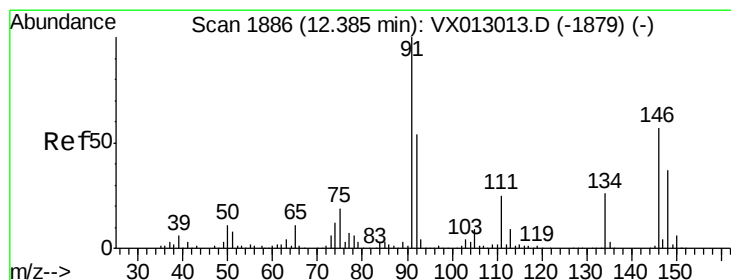
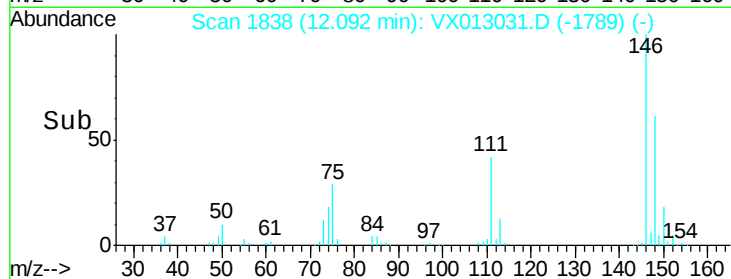
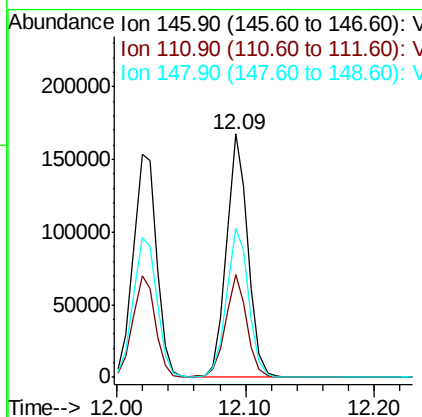
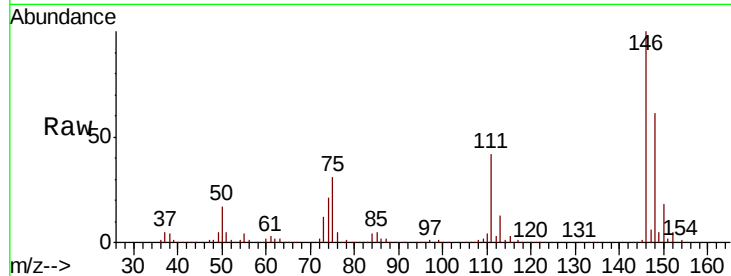




#88
 1,4-Dichlorobenzene
 Concen: 52.073 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX013031.D
 Acq: 11 Oct 2019 21:00

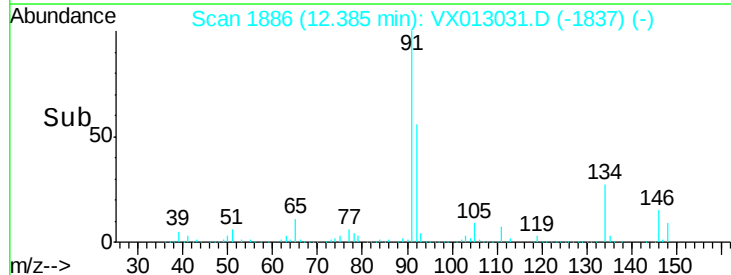
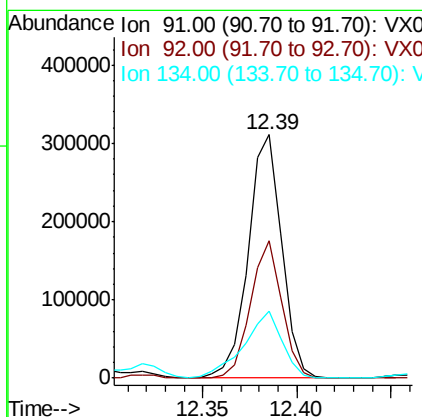
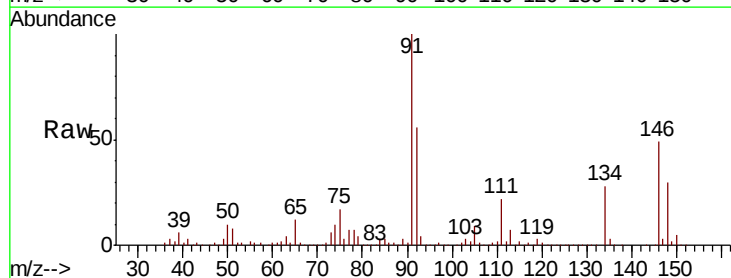
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW3202MSD

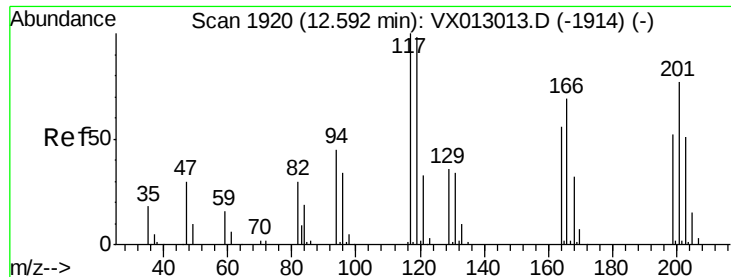
Tot Ion:146 Resp: 195368
 Ion Ratio Lower Upper
 146 100
 111 41.5 21.4 64.3
 148 63.4 32.1 96.5



#89
 n-Butylbenzene
 Concen: 61.216 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013031.D
 Acq: 11 Oct 2019 21:00

Tgt Ion: 91 Resp: 381195
 Ion Ratio Lower Upper
 91 100
 92 52.9 27.5 82.5
 134 31.9 12.9 38.7

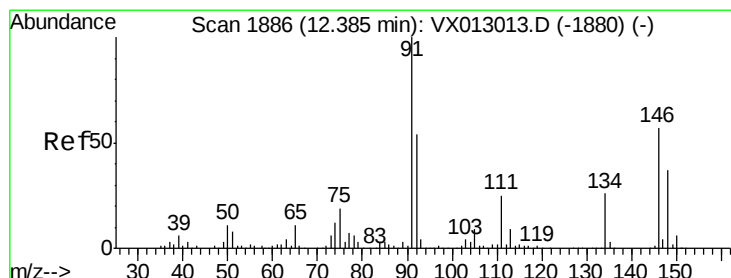
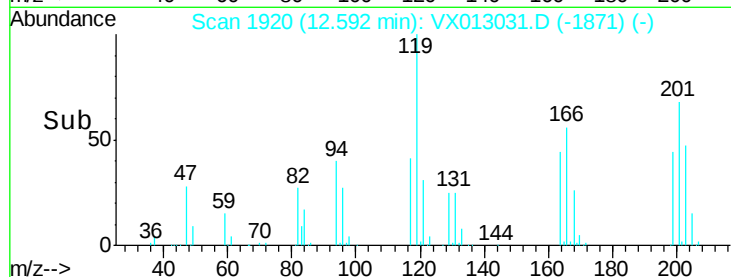
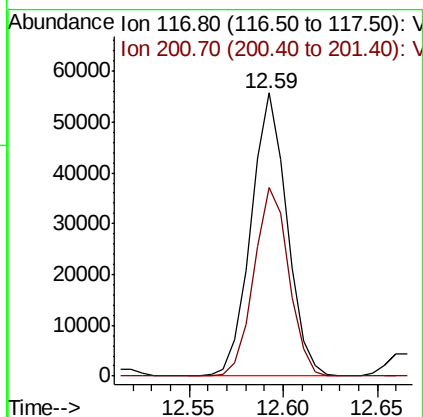
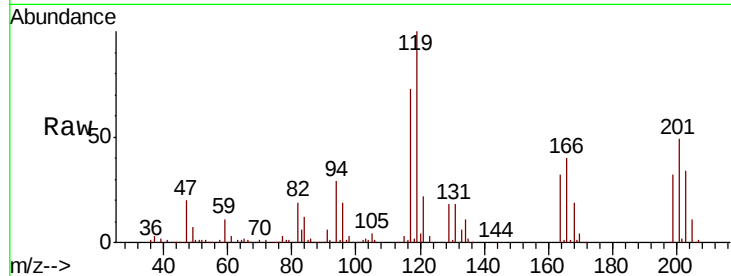




#90
Hexachloroethane
Concen: 53.681 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013031.D
Acq: 11 Oct 2019 21:00

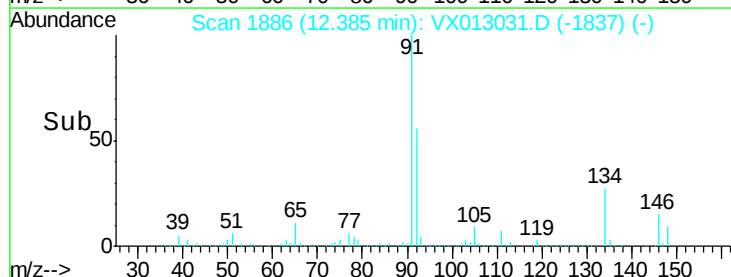
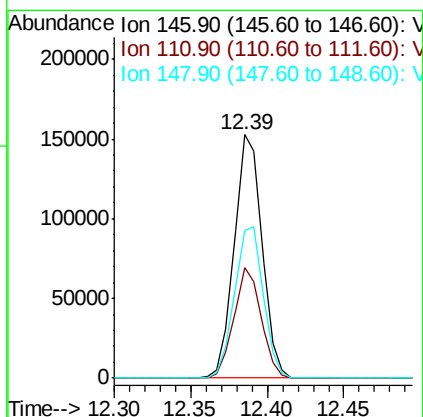
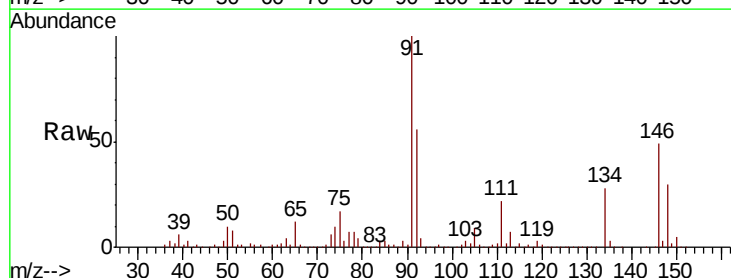
Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW3202MSD

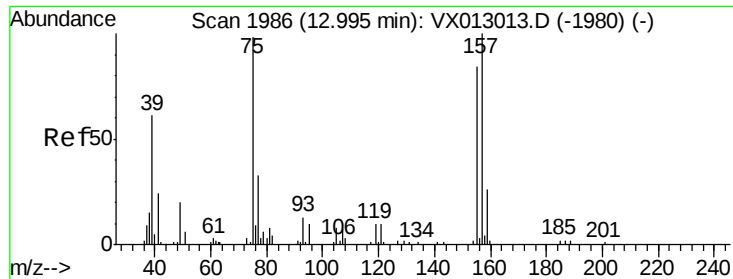
Tot Ion:117 Resp: 73888
Ion Ratio Lower Upper
117 100
201 64.2 36.9 110.7



#91
1,2-Dichlorobenzene
Concen: 52.989 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013031.D
Acq: 11 Oct 2019 21:00

Tgt Ion:146 Resp: 192443
Ion Ratio Lower Upper
146 100
111 44.6 22.7 68.0
148 64.5 31.6 94.7





#92

1,2-Dibromo-3-Chloropropane

Concen: 55.950 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX013031.D

Acq: 11 Oct 2019 21:00

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW3202MSD

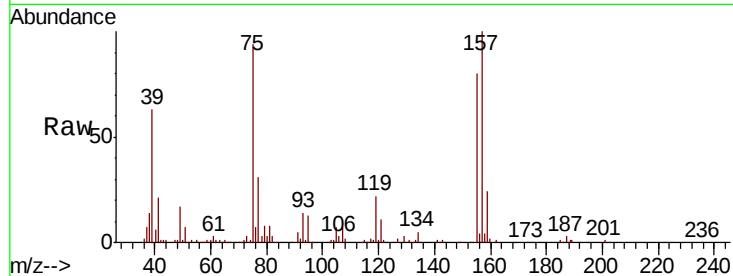
Tot Ion: 75 Resp: 36924

Ion Ratio Lower Upper

75 100

155 82.9 43.0 128.8

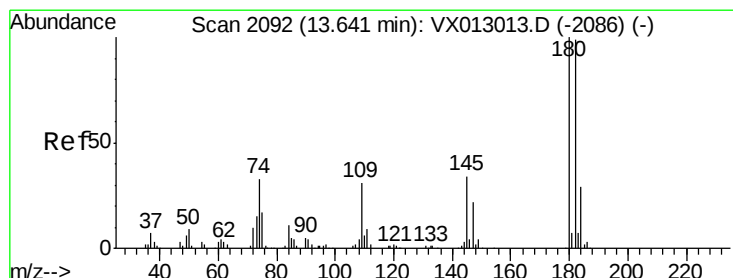
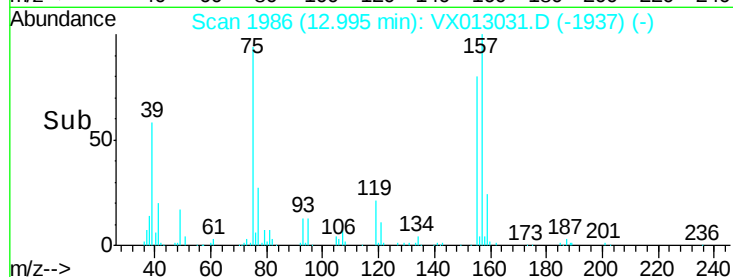
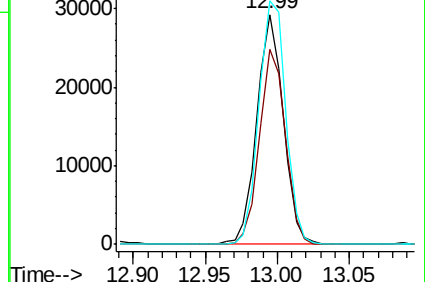
157 107.2 54.1 162.3



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: 54.039 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX013031.D

Acq: 11 Oct 2019 21:00

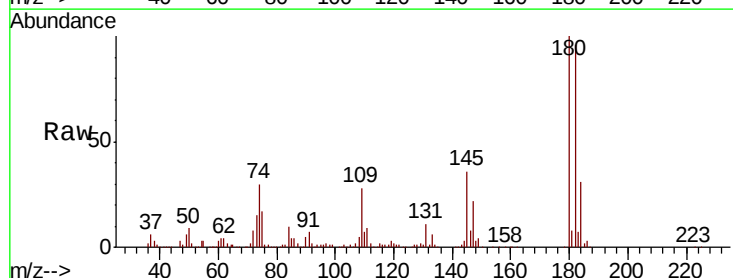
Tgt Ion:180 Resp: 122940

Ion Ratio Lower Upper

180 100

182 96.5 46.8 140.4

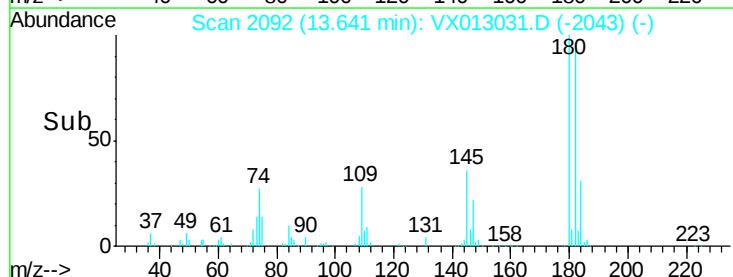
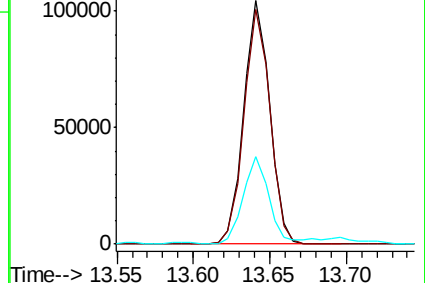
145 35.7 16.2 48.6

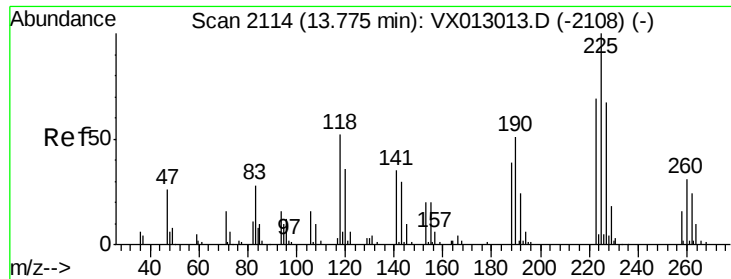


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

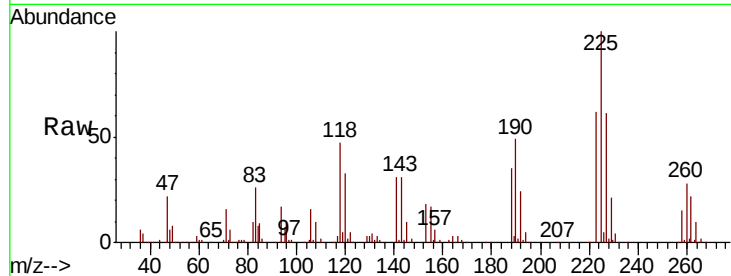




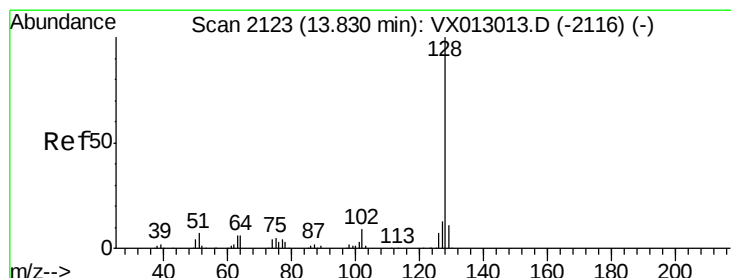
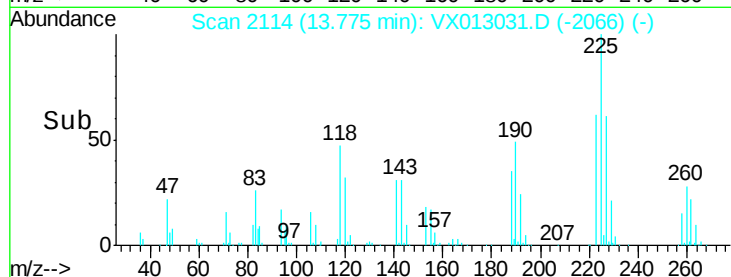
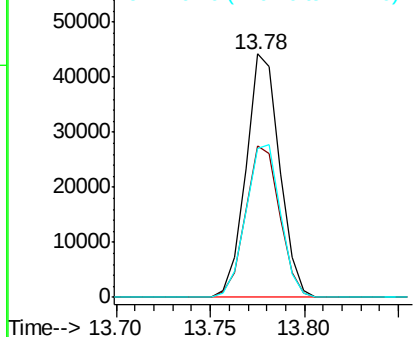
#94
Hexachlorobutadiene
Concen: 51.920 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. -0.01 min
Lab File: VX013031.D
Acq: 11 Oct 2019 21:00

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW3202MSD

Tot Ion:225 Resp: 54513
Ion Ratio Lower Upper
225 100
223 63.5 31.1 93.2
227 64.6 32.3 96.9

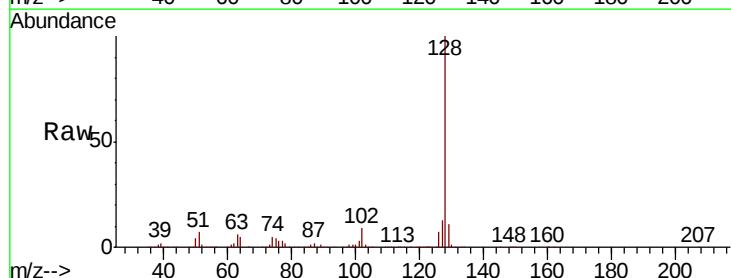


Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V

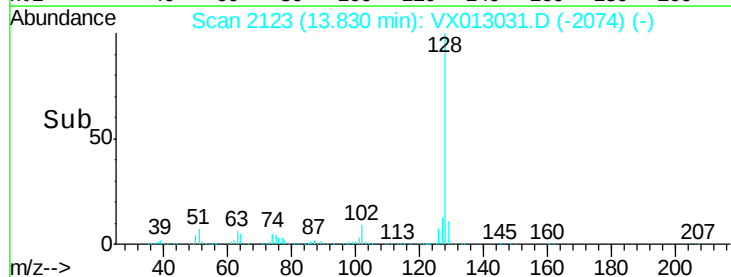
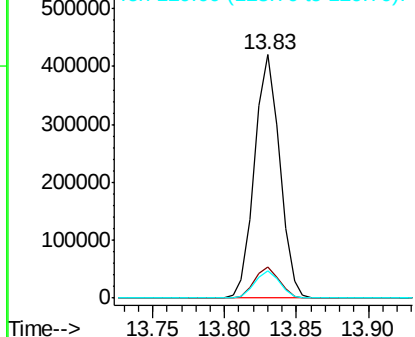


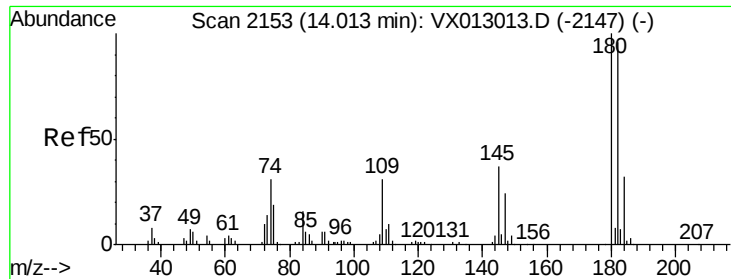
#95
Naphthalene
Concen: 64.122 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013031.D
Acq: 11 Oct 2019 21:00

Tgt Ion:128 Resp: 505694
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 11.2 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: 53.158 ug/l
 RT: 14.01 min Scan# 2153
 Delta R.T. 0.00 min
 Lab File: VX013031.D
 Acq: 11 Oct 2019 21:00

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW3202MSD

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.5	142.5
145	39.8	17.4	52.3

