

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101719\
 Data File : VX013119.D
 Acq On : 17 Oct 2019 19:51
 Operator : JC/SP
 Sample : K5396-06MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW0301CMS

Quant Time: Oct 18 08:06:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 07:26:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	147295	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	246201	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	222296	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	106877	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	90387	49.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.20%	
35) Dibromofluoromethane	5.48	113	70642	49.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.98%	
50) Toluene-d8	8.71	98	263342	47.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.56%	
62) 4-Bromofluorobenzene	11.14	95	104217	48.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	71865	47.865	ug/l	99
3) Chloromethane	1.32	50	75225	46.037	ug/l	97
4) Vinyl Chloride	1.40	62	77675	46.056	ug/l	98
5) Bromomethane	1.63	94	33029	47.112	ug/l	99
6) Chloroethane	1.71	64	49234	47.807	ug/l	99
7) Trichlorofluoromethane	1.92	101	120994	53.153	ug/l	95
8) Diethyl Ether	2.18	74	46505	50.614	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	77986	52.935	ug/l	98
10) Methyl Iodide	2.50	142	95162	56.304	ug/l	99
11) Tert butyl alcohol	3.04	59	116360	238.427	ug/l	98
12) 1,1-Dichloroethene	2.36	96	76658	51.501	ug/l	95
13) Acrolein	2.28	56	99538	286.999	ug/l	98
14) Allyl chloride	2.72	41	129545	48.870	ug/l	98
15) Acrylonitrile	3.13	53	243175	262.933	ug/l	99
16) Acetone	2.44	43	205848	212.129	ug/l	99
17) Carbon Disulfide	2.56	76	177532	41.829	ug/l	99
18) Methyl Acetate	2.76	43	108288	47.080	ug/l	96
19) Methyl tert-butyl Ether	3.19	73	284616	55.370	ug/l	100
20) Methylene Chloride	2.84	84	89403	50.131	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	81342	50.986	ug/l	95
22) Diisopropyl ether	3.84	45	265972	52.363	ug/l	94
23) Vinyl Acetate	3.80	43	1056017	240.829	ug/l	100
24) 1,1-Dichloroethane	3.69	63	151904	53.159	ug/l	100
25) 2-Butanone	4.66	43	329235	244.551	ug/l	100
26) 2,2-Dichloropropane	4.57	77	109567	45.597	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	106640	57.989	ug/l	96
28) Bromochloromethane	5.00	49	45082	52.815	ug/l	94
29) Tetrahydrofuran	5.12	42	208681	251.891	ug/l	96
30) Chloroform	5.20	83	157338	53.661	ug/l	98
31) Cyclohexane	5.57	56	126109	47.196	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	141084	56.788	ug/l	98
36) 1,1-Dichloropropene	5.79	75	112620	52.028	ug/l	100
37) Ethyl Acetate	4.83	43	130700	53.998	ug/l	99
38) Carbon Tetrachloride	5.78	117	114888	54.529	ug/l	96

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 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 07:26:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	132589	50.508	ug/l	97
40) Benzene	6.13	78	345114	53.981	ug/l	99
41) Methacrylonitrile	5.03	41	69159	51.999	ug/l	98
42) 1,2-Dichloroethane	6.18	62	127615	55.628	ug/l	99
43) Isopropyl Acetate	6.43	43	196704	50.633	ug/l	99
44) Trichloroethene	7.20	130	127426	71.876	ug/l	96
45) 1,2-Dichloropropane	7.51	63	89639	55.013	ug/l	98
46) Dibromomethane	7.65	93	60683	55.897	ug/l	97
47) Bromodichloromethane	7.89	83	120809	57.023	ug/l	97
48) Methyl methacrylate	7.76	41	100587	53.132	ug/l	99
49) 1,4-Dioxane	7.73	88	50542	995.025	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	647155	267.182	ug/l	99
52) Toluene	8.78	92	218293	53.371	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	127115	48.162	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	139266	53.447	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	92489	57.140	ug/l	98
56) Ethyl methacrylate	9.17	69	146548	50.540	ug/l	97
57) 1,3-Dichloropropane	9.37	76	153923	54.974	ug/l	99
59) 2-Hexanone	9.49	43	497658	263.941	ug/l	98
60) Dibromochloromethane	9.58	129	94344	52.288	ug/l	100
61) 1,2-Dibromoethane	9.67	107	95053	55.824	ug/l	100
64) Tetrachloroethene	9.33	164	87565	56.792	ug/l	96
65) Chlorobenzene	10.14	112	237996	53.913	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	89052	58.181	ug/l	99
67) Ethyl Benzene	10.25	91	425816	54.304	ug/l	99
68) m/p-Xylenes	10.35	106	323089	110.293	ug/l	99
69) o-Xylene	10.70	106	155984	54.604	ug/l	100
70) Stvrene	10.71	104	274155	56.453	ug/l	100
71) Bromoform	10.85	173	65893	50.502	ug/l #	98
73) Isopropylbenzene	11.01	105	421103	53.590	ug/l	100
74) N-amyl acetate	10.89	43	164757	48.684	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	136316	52.158	ug/l	96
76) 1,2,3-Trichloropropane	11.29	75	160890	67.871	ug/l	78
77) Bromobenzene	11.25	156	101033	54.563	ug/l	97
78) n-propylbenzene	11.35	91	454987	52.621	ug/l	99
79) 2-Chlorotoluene	11.42	91	283658	52.200	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	345750	52.695	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	41240	45.166	ug/l	98
82) 4-Chlorotoluene	11.51	91	336398	54.010	ug/l	100
83) tert-Butylbenzene	11.76	119	336945	52.644	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	360930	54.315	ug/l	100
85) sec-Butylbenzene	11.94	105	394401	53.188	ug/l	98
86) p-Isopropyltoluene	12.06	119	364286	52.970	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	184366	53.617	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	182304	52.349	ug/l	99
89) n-Butylbenzene	12.39	91	302085	52.264	ug/l	98
90) Hexachloroethane	12.59	117	63482	49.846	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	185109	54.912	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	33236	54.257	ug/l	98
93) 1,2,4-Trichlorobenzene	13.64	180	109602	51.902	ug/l	99

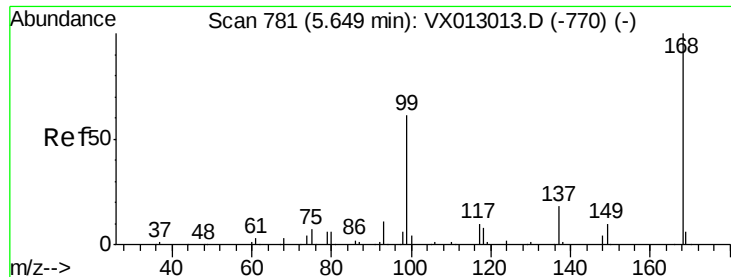
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	49493	50.785	ug/l	98
95) Naphthalene	13.83	128	362776	49.558	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	108453	49.699	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: VX013119.D

Acq: 17 Oct 2019 19:51

Instrument :

MSVOA_X

ClientSampleId :

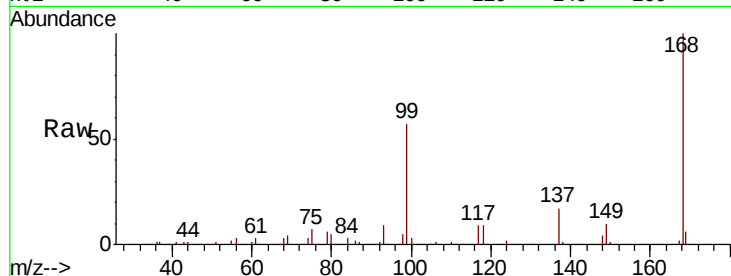
FA19-JMW0301CMS

Tot Ion:168 Resp: 147295

Ion Ratio Lower Upper

168 100

99 56.7 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

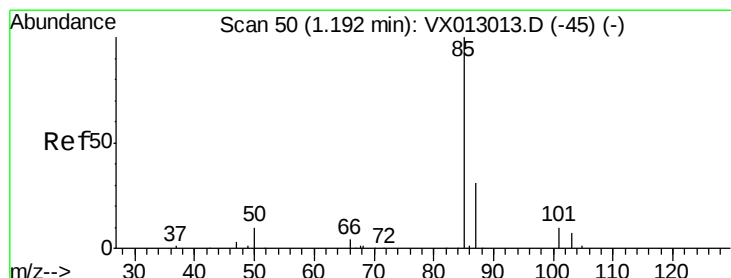
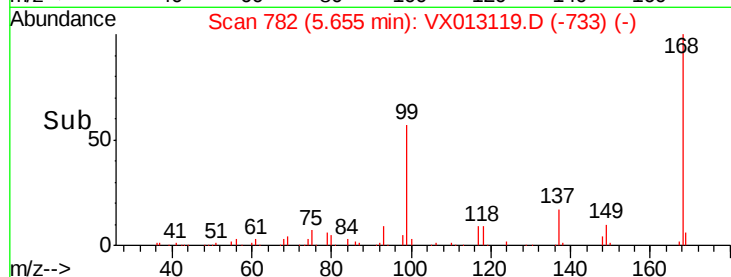
20000

10000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 47.865 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX013119.D

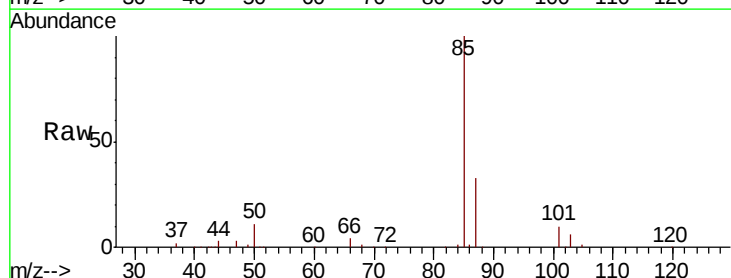
Acq: 17 Oct 2019 19:51

Tgt Ion: 85 Resp: 71865

Ion Ratio Lower Upper

85 100

87 33.4 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

60000

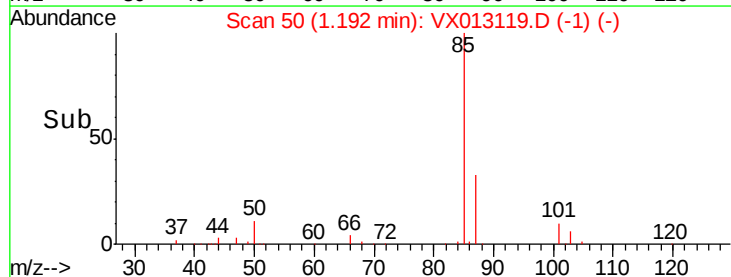
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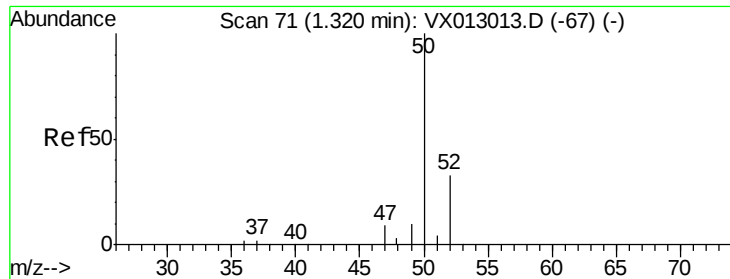
20000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 46.037 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX013119.D

Acq: 17 Oct 2019 19:51

Instrument :

MSVOA_X

ClientSampleId :

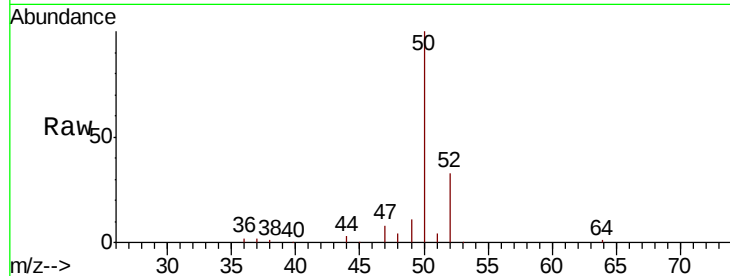
FA19-JMW0301CMS

Tot Ion: 50 Resp: 75225

Ion Ratio Lower Upper

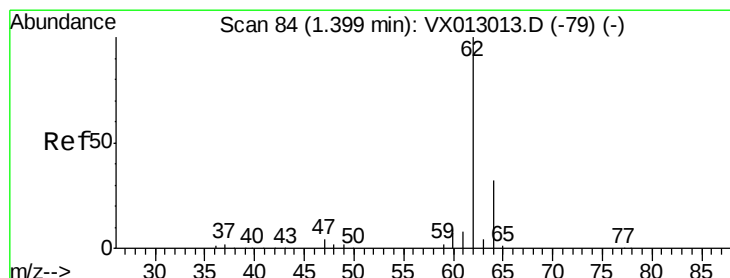
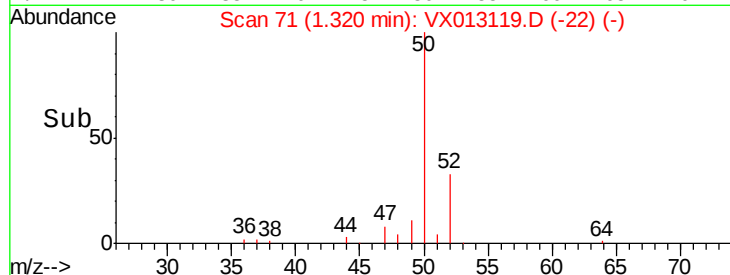
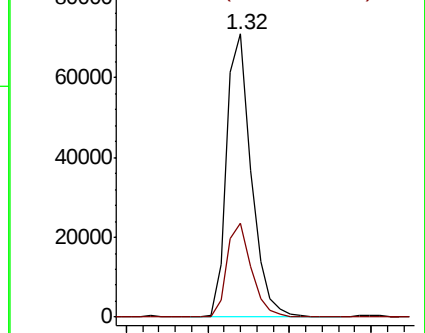
50 100

52 33.1 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 46.056 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013119.D

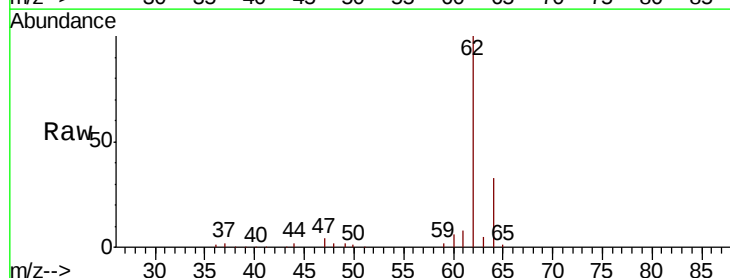
Acq: 17 Oct 2019 19:51

Tgt Ion: 62 Resp: 77675

Ion Ratio Lower Upper

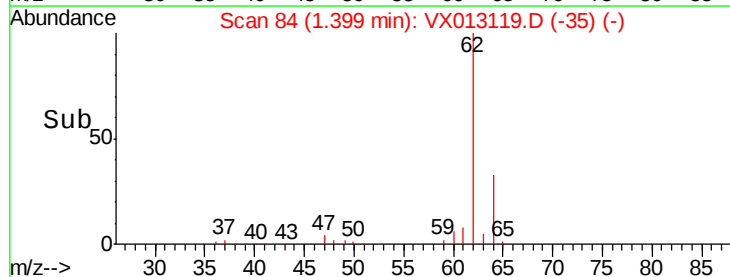
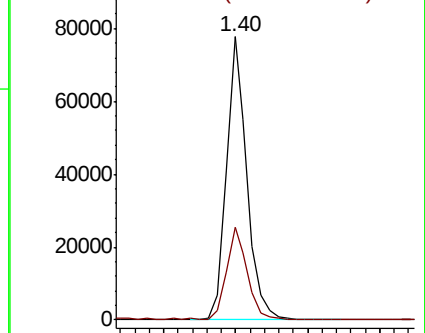
62 100

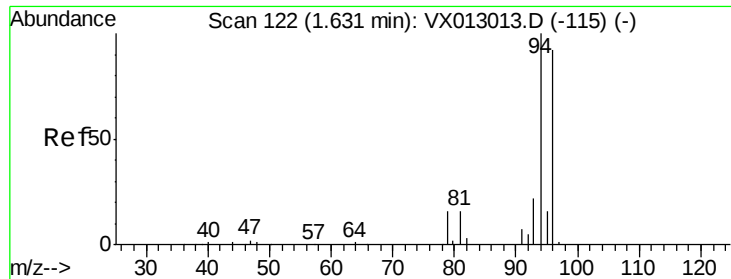
64 32.6 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 47.112 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013119.D

Acq: 17 Oct 2019 19:51

Instrument :

MSVOA_X

ClientSampleId :

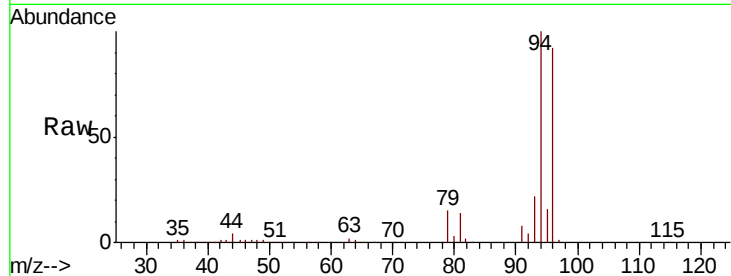
FA19-JMW0301CMS

Tot Ion: 94 Resp: 33029

Ion Ratio Lower Upper

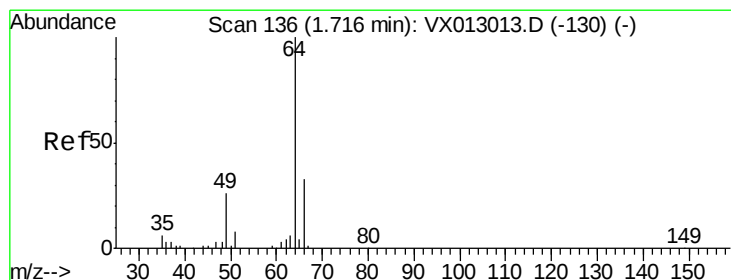
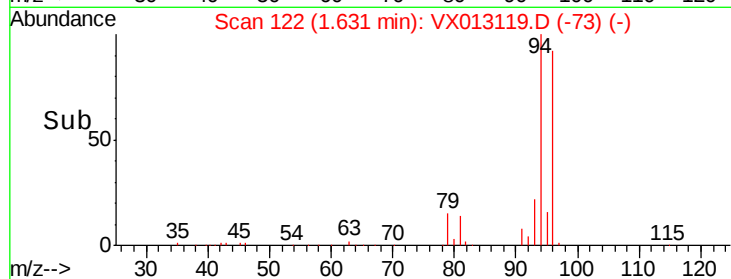
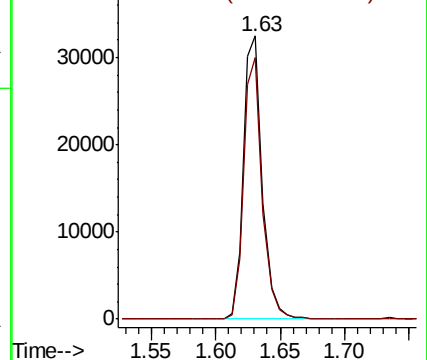
94 100

96 92.1 74.7 112.1



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 47.807 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX013119.D

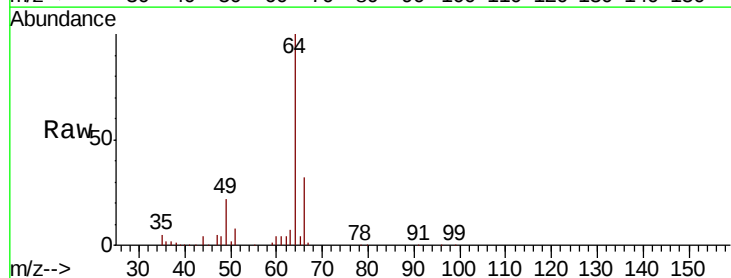
Acq: 17 Oct 2019 19:51

Tgt Ion: 64 Resp: 49234

Ion Ratio Lower Upper

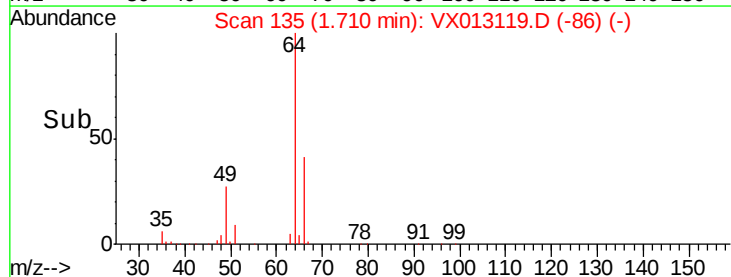
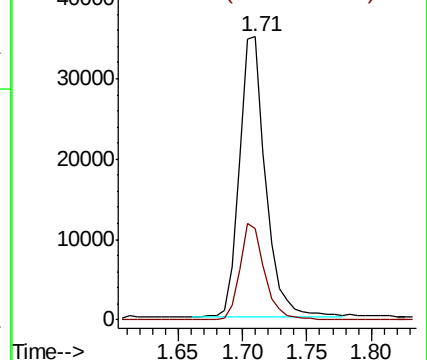
64 100

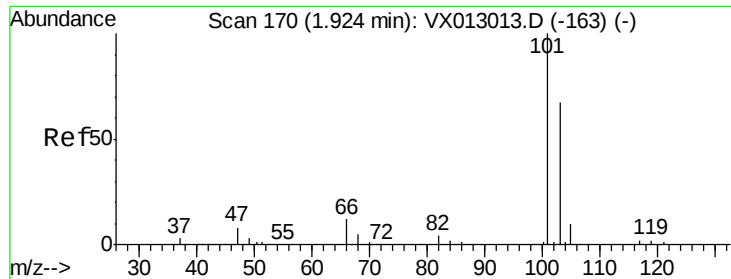
66 32.8 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



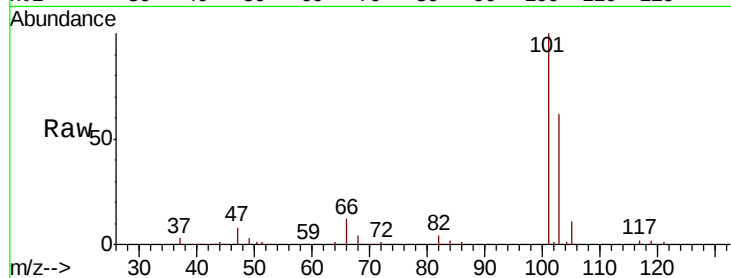


#7

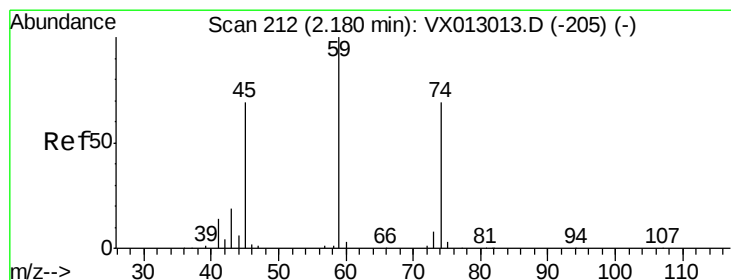
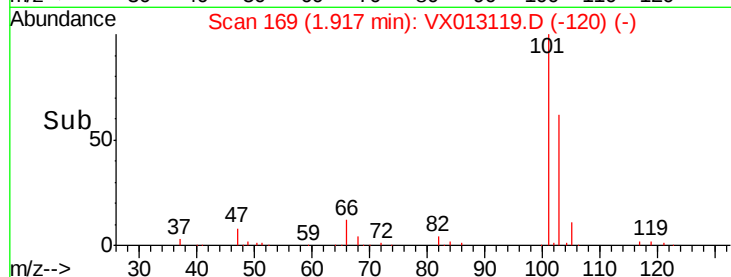
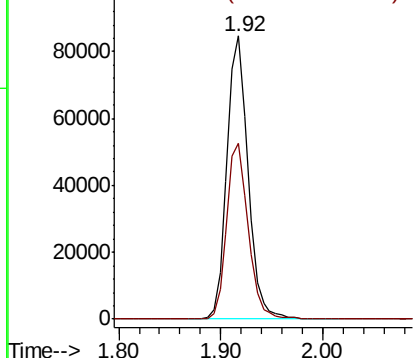
Trichlorofluoromethane
Concen: 53.153 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX013119.D
Acq: 17 Oct 2019 19:51

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW0301CMS

Tot Ion:101 Resp: 120994
Ion Ratio Lower Upper
101 100
103 62.0 52.5 78.7



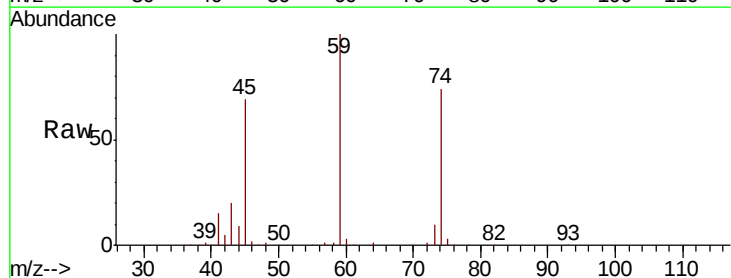
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



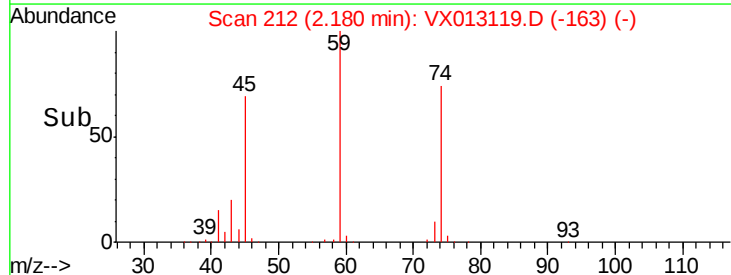
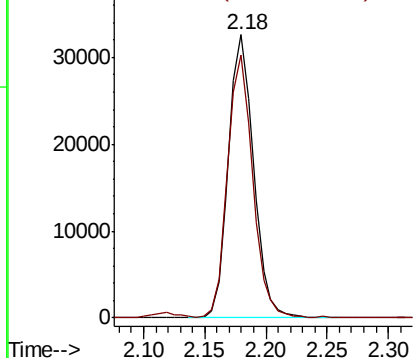
#8

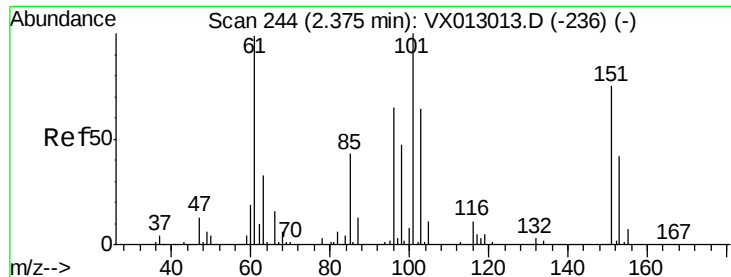
Diethyl Ether
Concen: 50.614 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX013119.D
Acq: 17 Oct 2019 19:51

Tgt Ion: 74 Resp: 46505
Ion Ratio Lower Upper
74 100
45 92.1 47.8 143.4



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.935 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.01 min

Lab File: VX013119.D

Acq: 17 Oct 2019 19:51

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW0301CMS

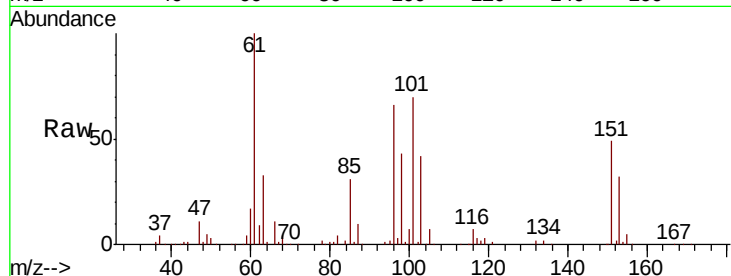
Tot Ion:101 Resp: 77986

Ion Ratio Lower Upper

101 100

85 42.0 35.2 52.8

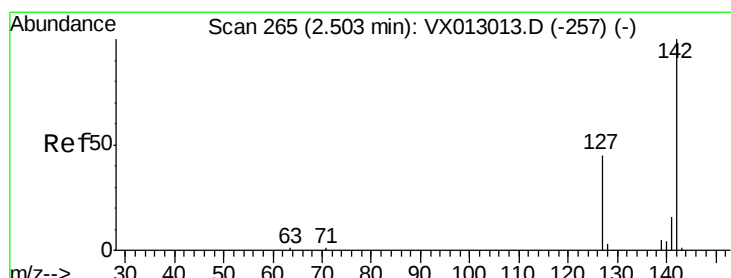
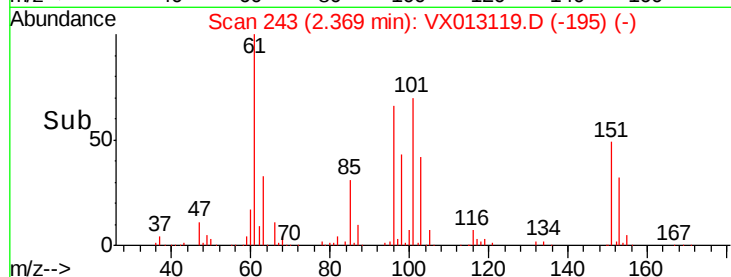
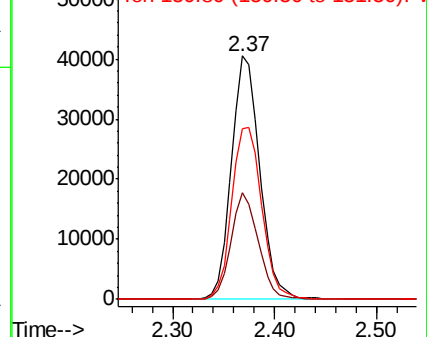
151 74.6 60.3 90.5



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: 56.304 ug/l

RT: 2.50 min Scan# 264

Delta R.T. -0.01 min

Lab File: VX013119.D

Acq: 17 Oct 2019 19:51

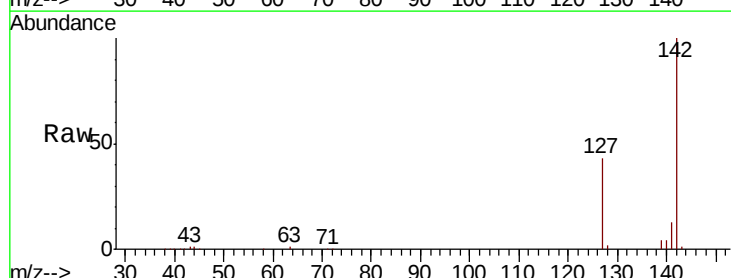
Tgt Ion:142 Resp: 95162

Ion Ratio Lower Upper

142 100

127 43.0 34.9 52.3

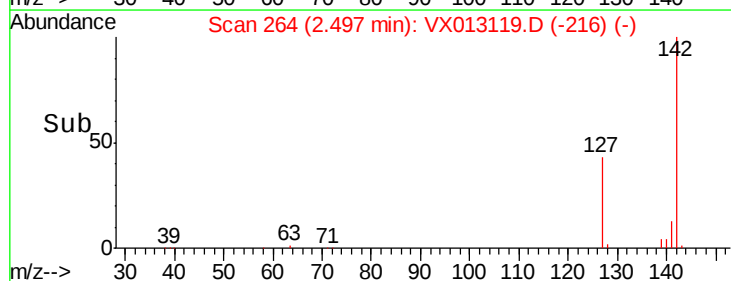
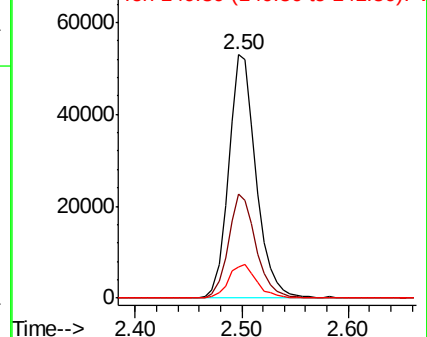
141 14.1 11.6 17.4

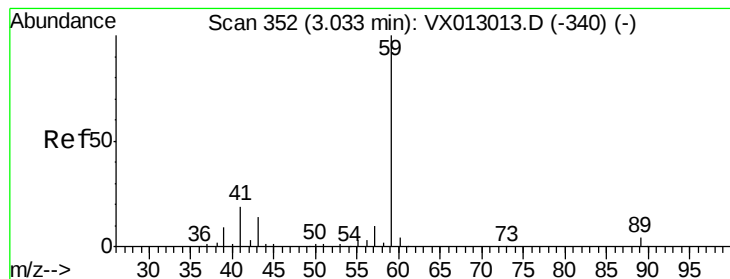


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



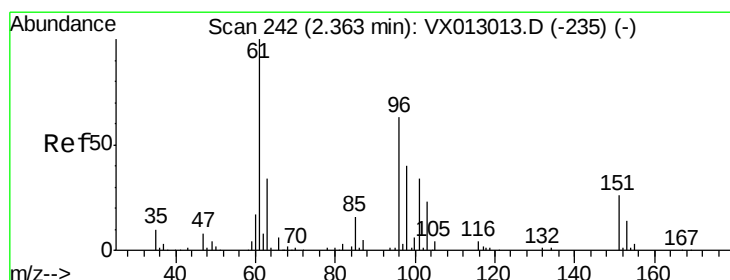
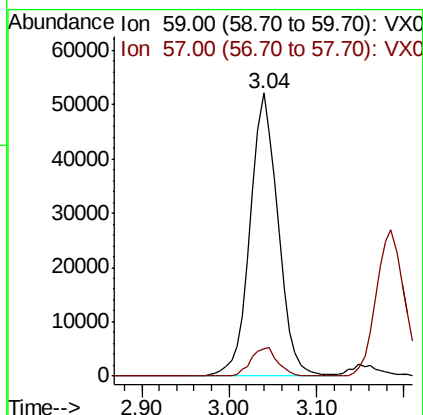
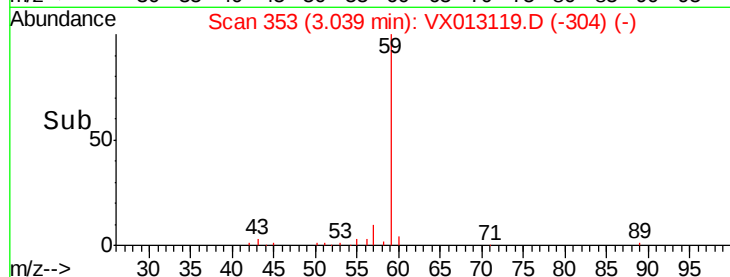
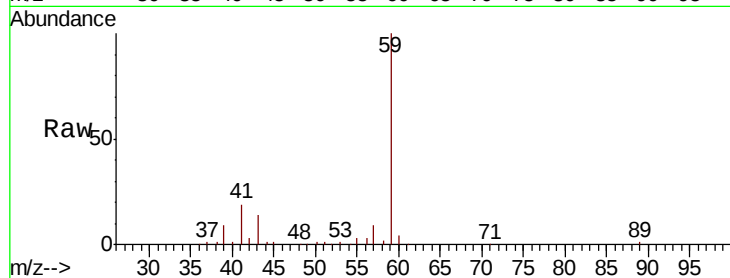


#11

Tert butyl alcohol
Concen: 238.427 ug/l
RT: 3.04 min Scan# 353
Delta R.T. -0.00 min
Lab File: VX013119.D
Acq: 17 Oct 2019 19:51

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW0301CMS

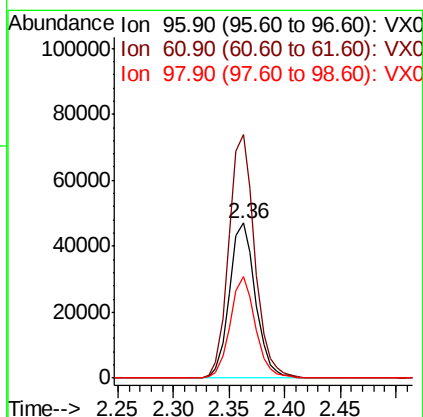
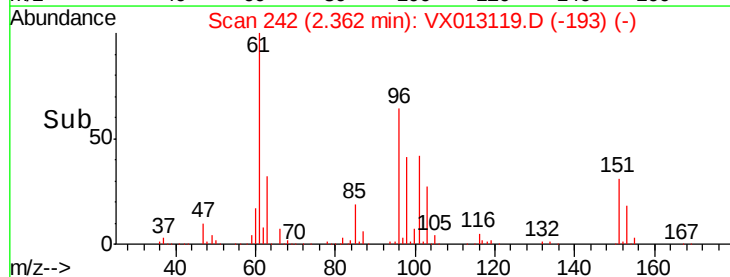
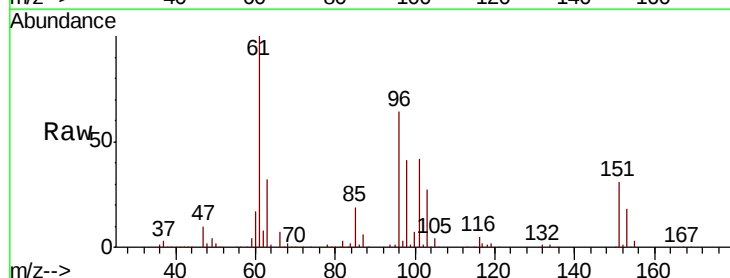
Tot Ion: 59 Resp: 116360
Ion Ratio Lower Upper
59 100
57 9.7 8.3 12.5

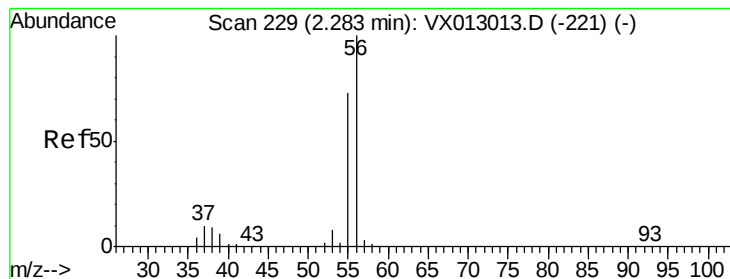


#12

1,1-Dichloroethene
Concen: 51.501 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX013119.D
Acq: 17 Oct 2019 19:51

Tgt Ion: 96 Resp: 76658
Ion Ratio Lower Upper
96 100
61 156.9 132.2 198.4
98 65.1 50.5 75.7





#13

Acrolein

Concen: 286.999 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX013119.D

Acq: 17 Oct 2019 19:51

Instrument :

MSVOA_X

ClientSampleId :

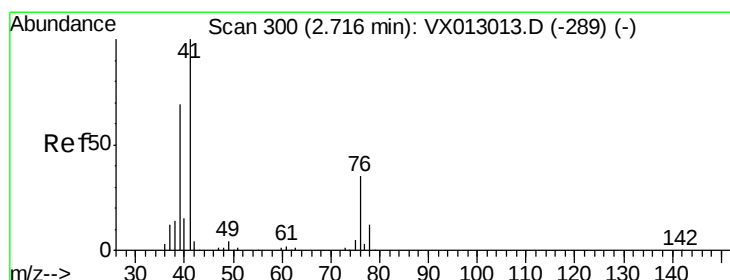
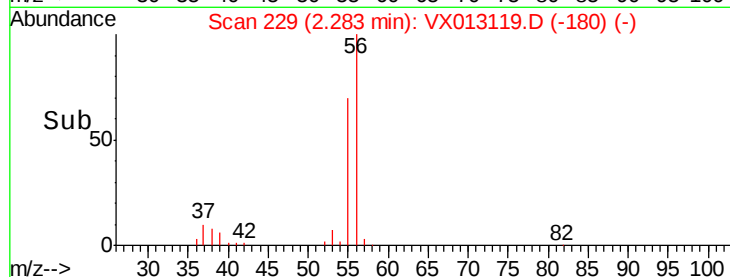
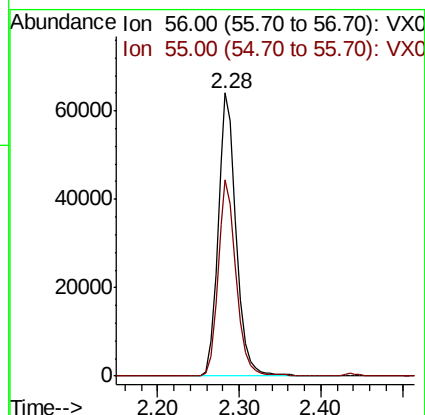
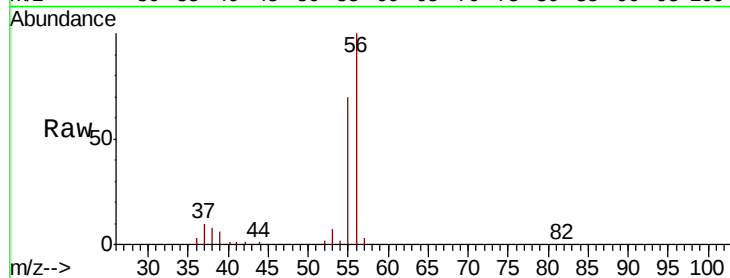
FA19-JMW0301CMS

Tot Ion: 56 Resp: 99538

Ion Ratio Lower Upper

56 100

55 69.2 56.6 85.0



#14

Allyl chloride

Concen: 48.870 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX013119.D

Acq: 17 Oct 2019 19:51

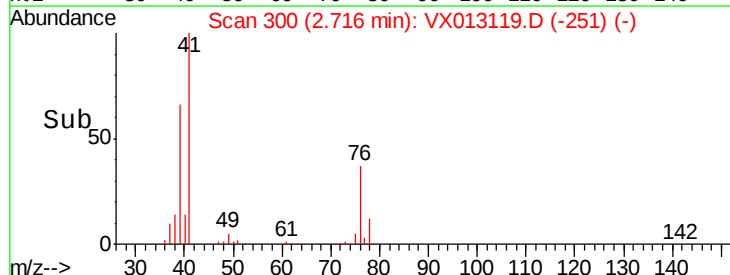
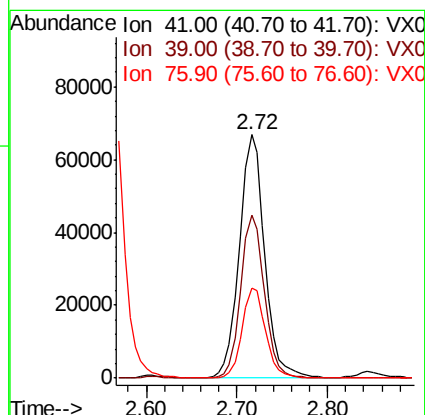
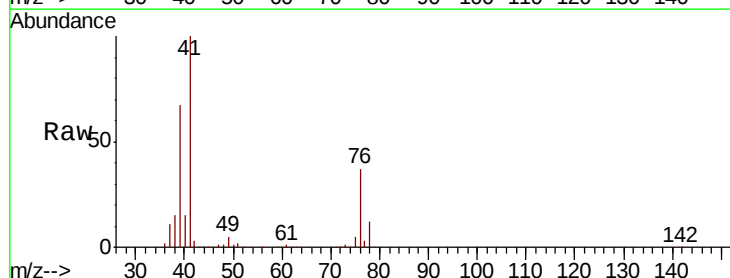
Tgt Ion: 41 Resp: 129545

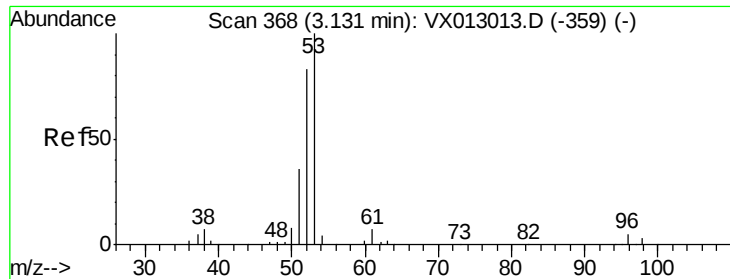
Ion Ratio Lower Upper

41 100

39 63.0 51.0 76.6

76 34.3 26.2 39.4





#15

Acrylonitrile

Concen: 262.933 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.01 min

Lab File: VX013119.D

Acq: 17 Oct 2019 19:51

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW0301CMS

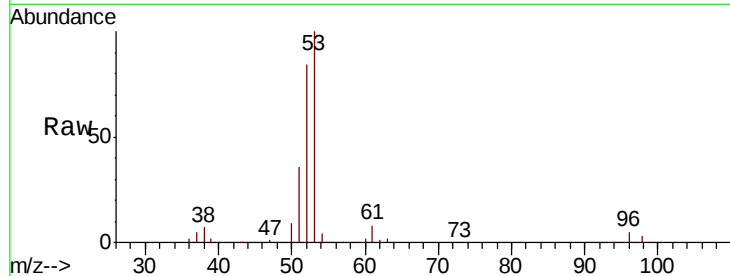
Tot Ion: 53 Resp: 243175

Ion Ratio Lower Upper

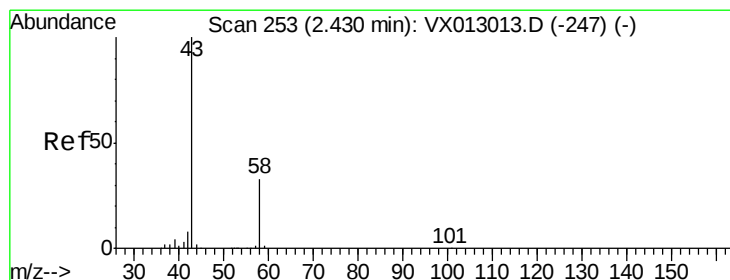
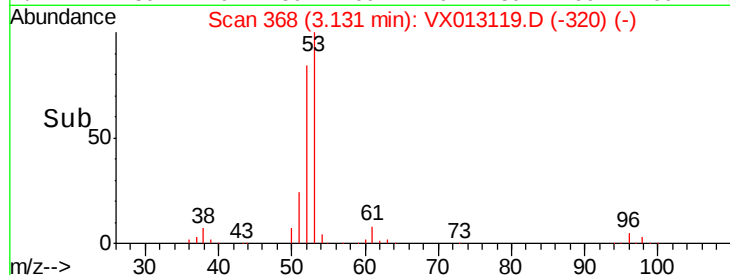
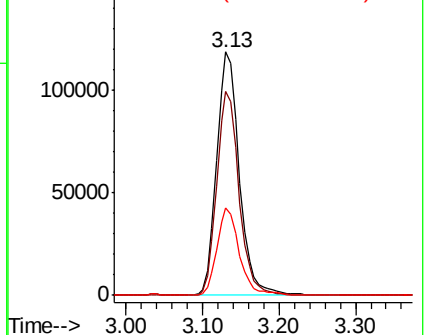
53 100

52 82.1 66.2 99.2

51 35.7 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: 212.129 ug/l

RT: 2.44 min Scan# 254

Delta R.T. -0.00 min

Lab File: VX013119.D

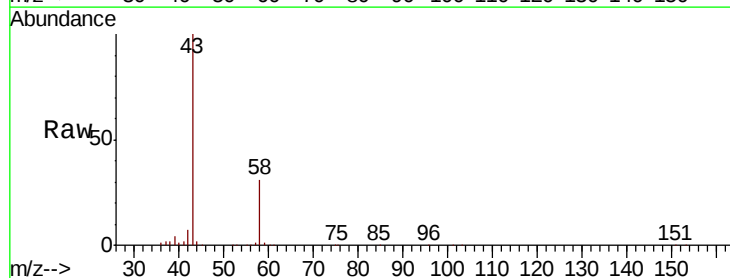
Acq: 17 Oct 2019 19:51

Tgt Ion: 43 Resp: 205848

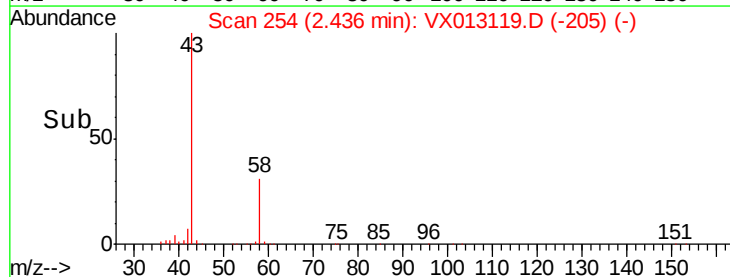
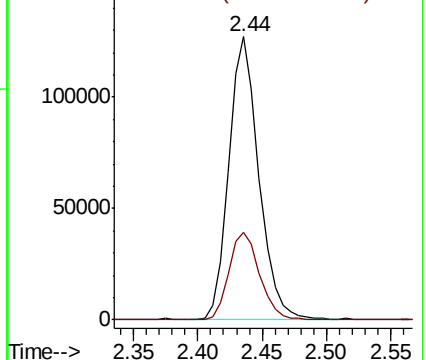
Ion Ratio Lower Upper

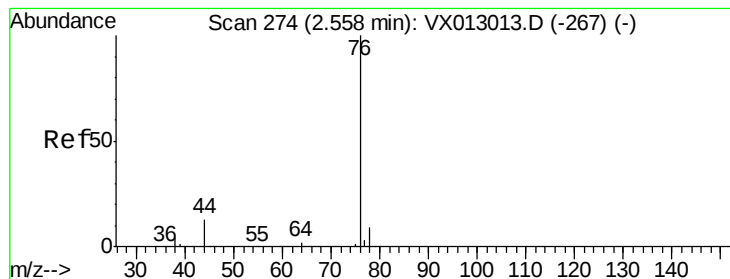
43 100

58 31.0 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: 41.829 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.01 min

Lab File: VX013119.D

Acq: 17 Oct 2019 19:51

Instrument :

MSVOA_X

ClientSampleId :

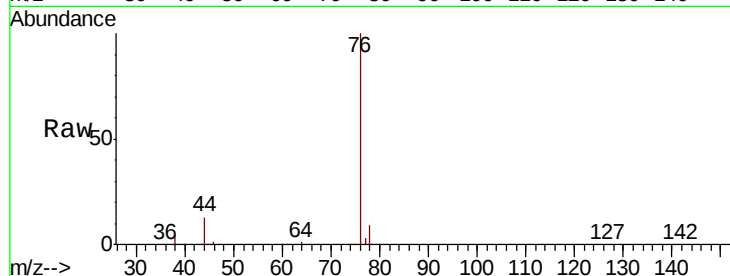
FA19-JMW0301CMS

Tot Ion: 76 Resp: 177532

Ion Ratio Lower Upper

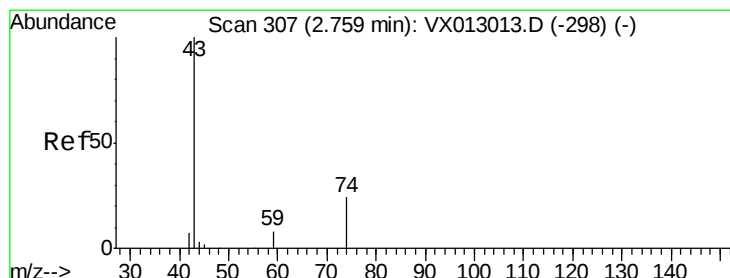
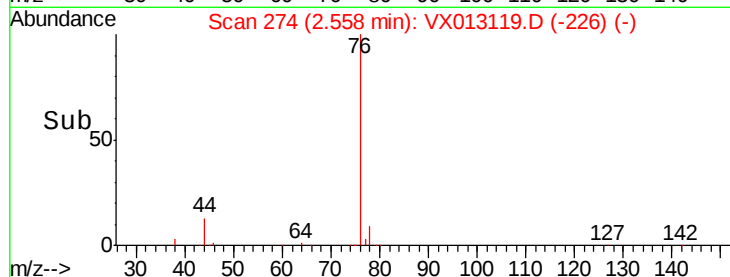
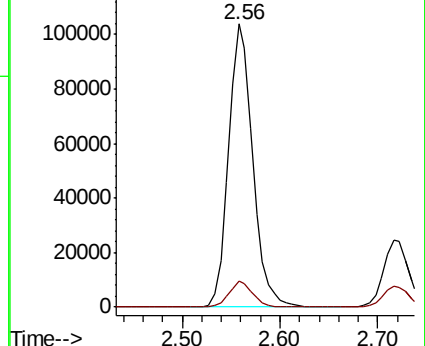
76 100

78 9.1 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: 47.080 ug/l

RT: 2.76 min Scan# 308

Delta R.T. -0.00 min

Lab File: VX013119.D

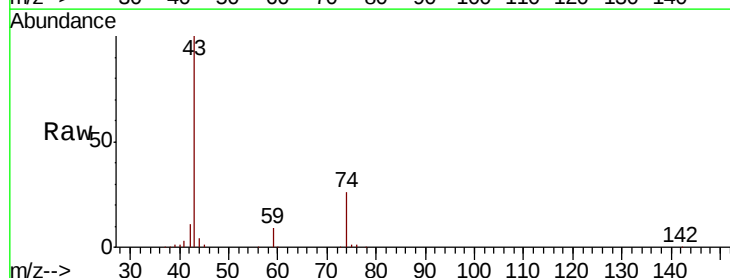
Acq: 17 Oct 2019 19:51

Tgt Ion: 43 Resp: 108288

Ion Ratio Lower Upper

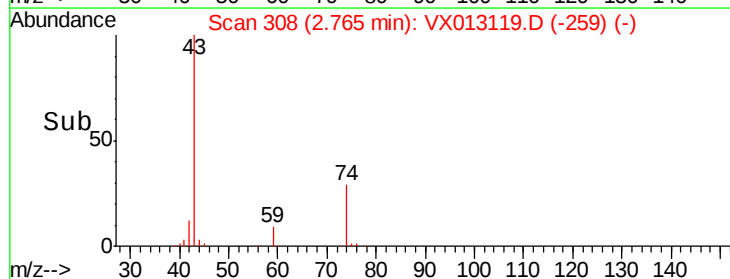
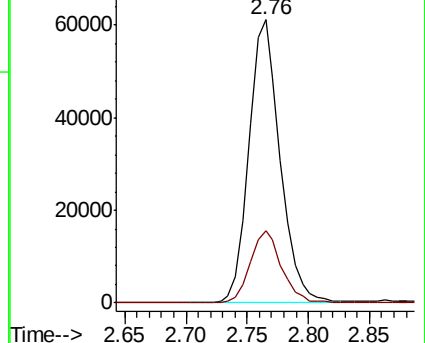
43 100

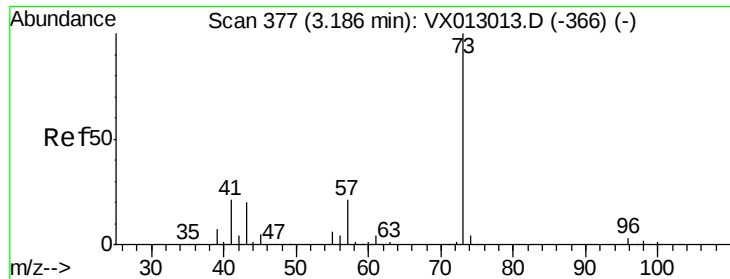
74 25.8 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

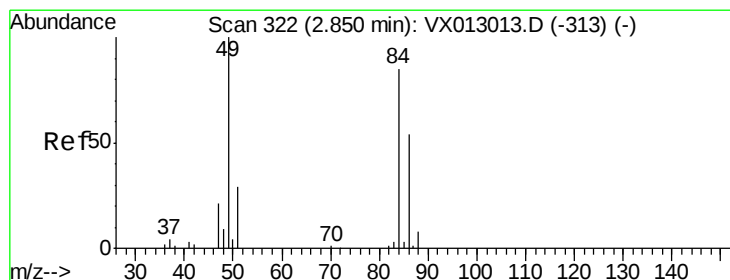
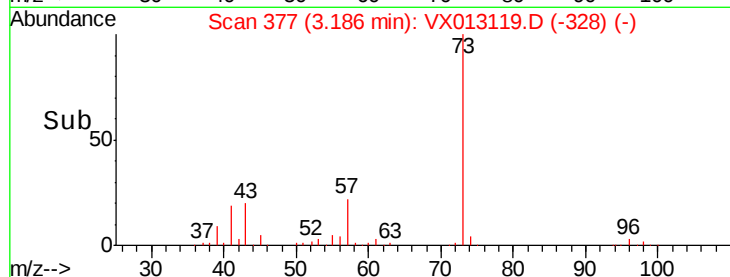
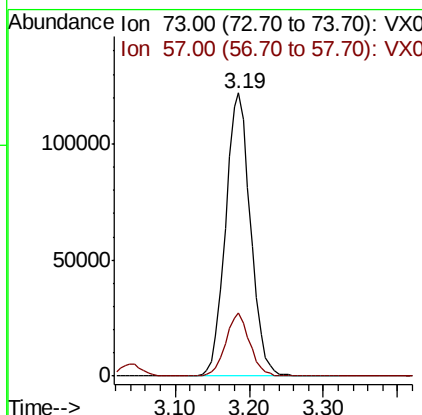
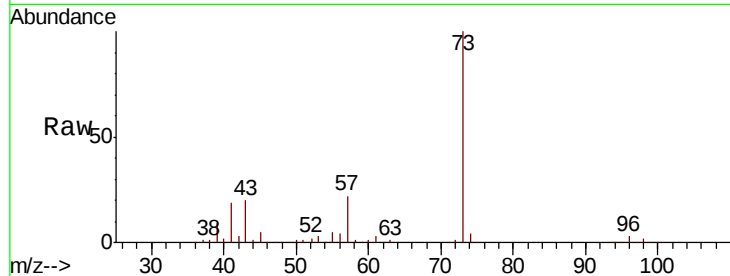




#19
Methyl tert-butyl Ether
Concen: 55.370 ug/l
RT: 3.19 min Scan# 377
Delta R.T. -0.00 min
Lab File: VX013119.D
Acq: 17 Oct 2019 19:51

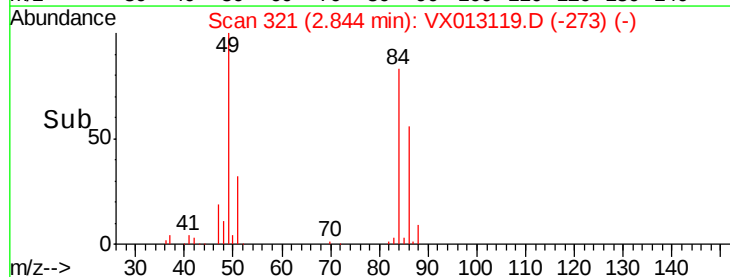
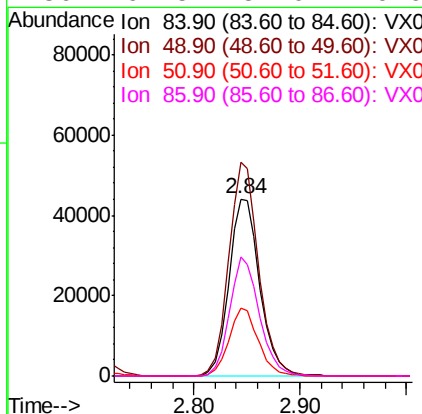
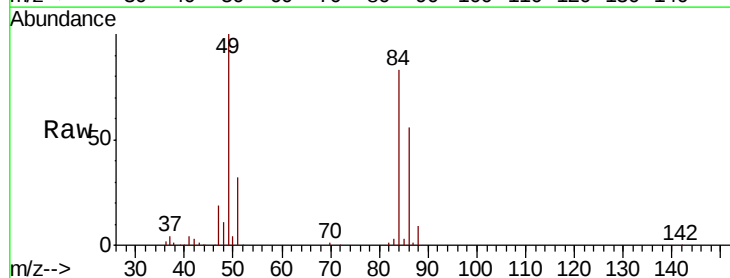
Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW0301CMS

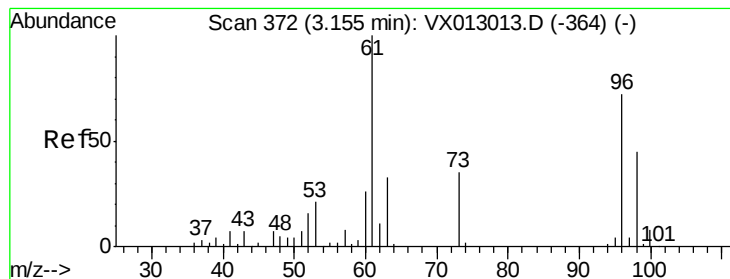
Tot Ion: 73 Resp: 284616
Ion Ratio Lower Upper
73 100
57 22.1 17.8 26.6



#20
Methylene Chloride
Concen: 50.131 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX013119.D
Acq: 17 Oct 2019 19:51

Tgt Ion: 84 Resp: 89403
Ion Ratio Lower Upper
84 100
49 120.6 96.6 144.8
51 38.2 30.7 46.1
86 67.5 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 50.986 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013119.D

Acq: 17 Oct 2019 19:51

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW0301CMS

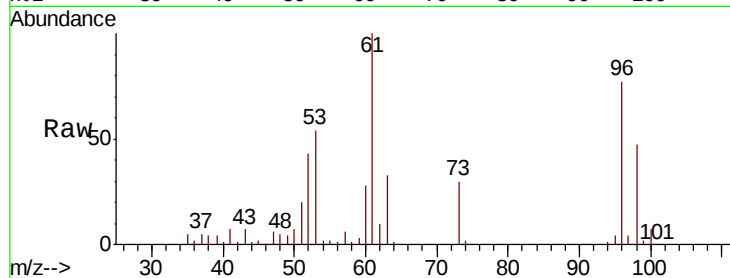
Tot Ion: 96 Resp: 81342

Ion Ratio Lower Upper

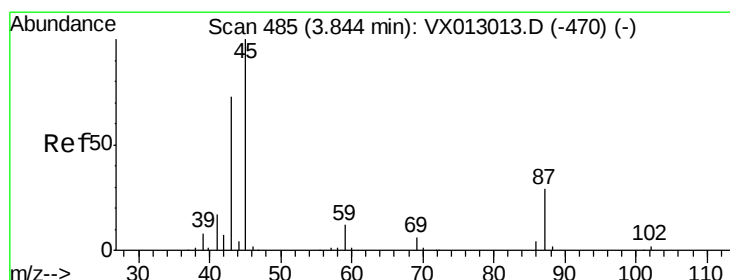
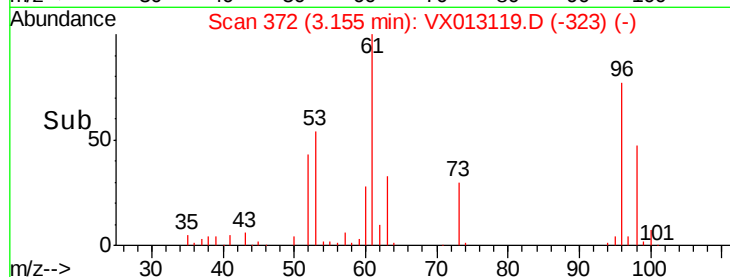
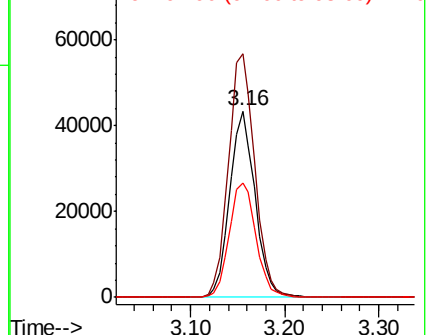
96 100

61 130.6 110.4 165.6

98 61.5 51.5 77.3



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



#22

Diisopropyl ether

Concen: 52.363 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.01 min

Lab File: VX013119.D

Acq: 17 Oct 2019 19:51

Tgt Ion: 45 Resp: 265972

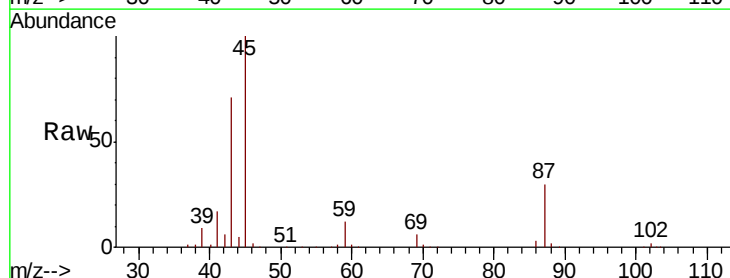
Ion Ratio Lower Upper

45 100

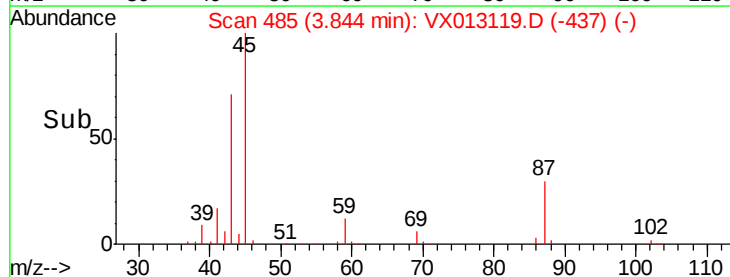
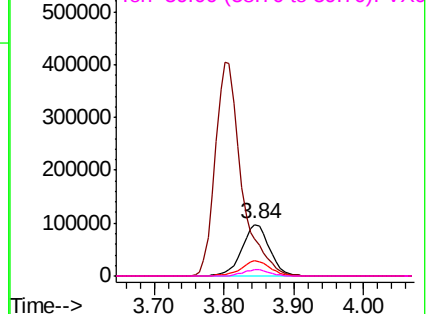
43 70.9 51.4 77.0

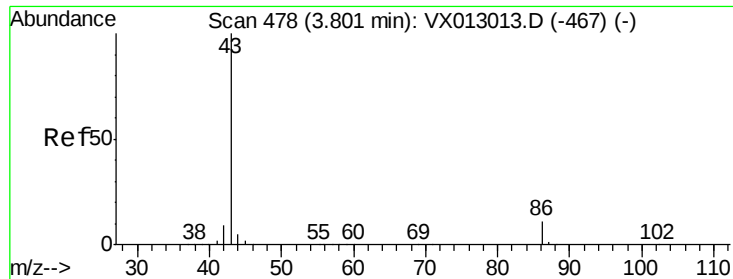
87 30.0 22.5 33.7

59 12.1 9.7 14.5



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





#23

Vinyl Acetate

Concen: 240.829 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX013119.D

Acq: 17 Oct 2019 19:51

Instrument :

MSVOA_X

ClientSampleId :

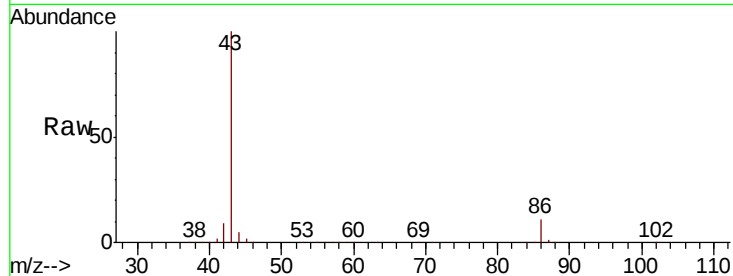
FA19-JMW0301CMS

Tot Ion: 43 Resp: 1056017

Ion Ratio Lower Upper

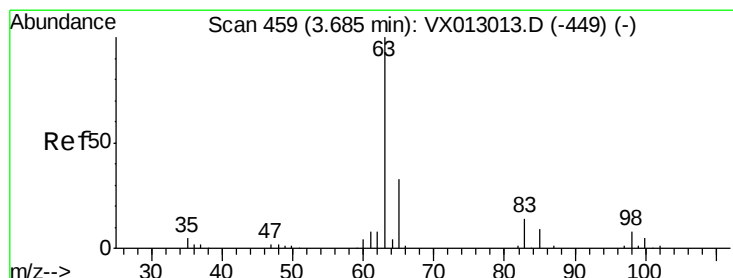
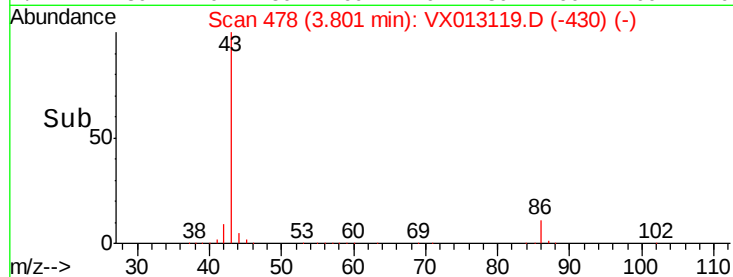
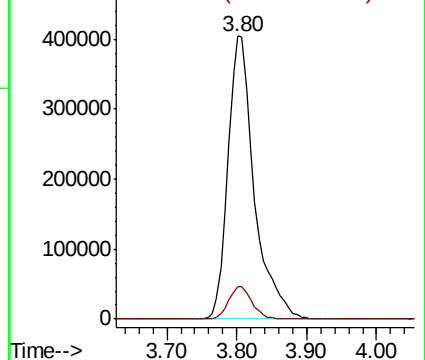
43 100

86 11.3 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 53.159 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013119.D

Acq: 17 Oct 2019 19:51

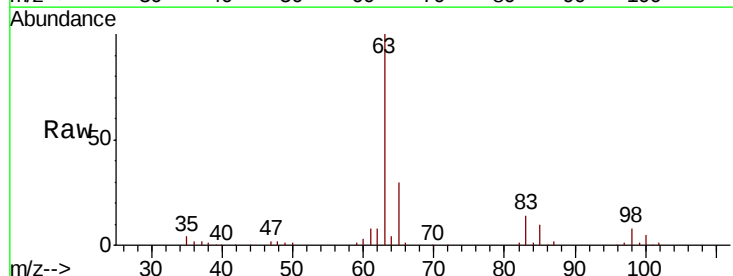
Tgt Ion: 63 Resp: 151904

Ion Ratio Lower Upper

63 100

98 7.8 3.9 11.5

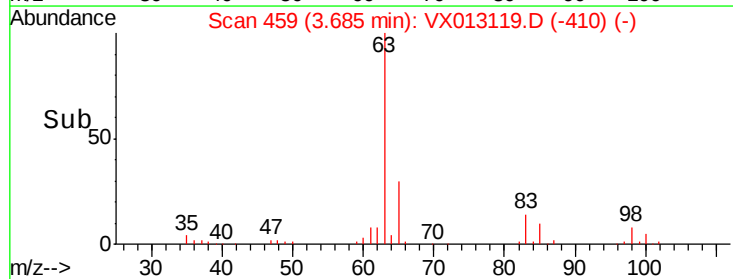
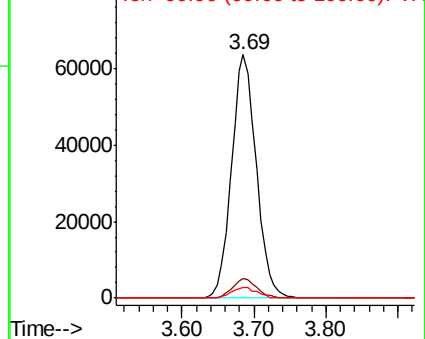
100 4.6 2.3 6.9

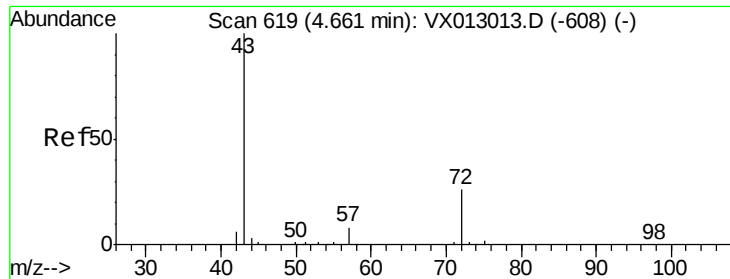


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 244.551 ug/l

RT: 4.66 min Scan# 619

Delta R.T. -0.00 min

Lab File: VX013119.D

Acq: 17 Oct 2019 19:51

Instrument :

MSVOA_X

ClientSampleId :

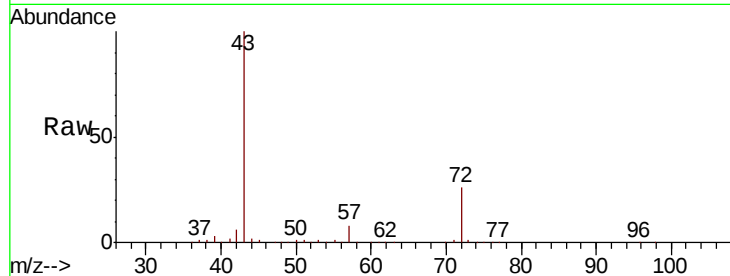
FA19-JMW0301CMS

Tot Ion: 43 Resp: 329235

Ion Ratio Lower Upper

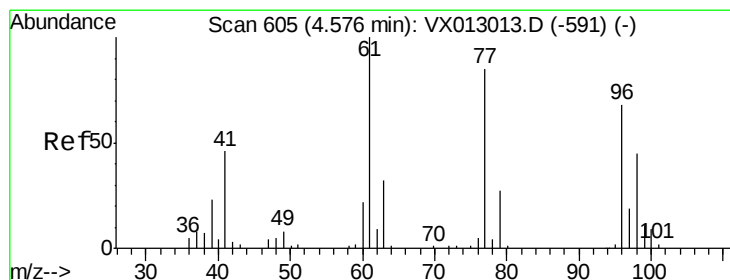
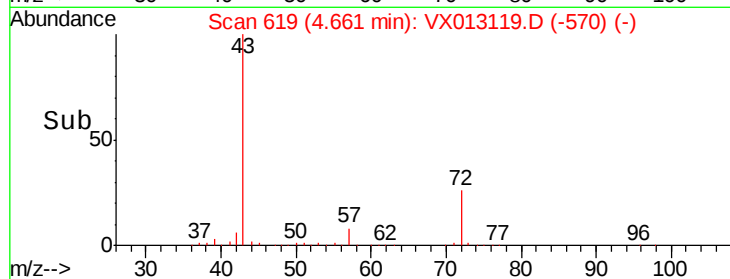
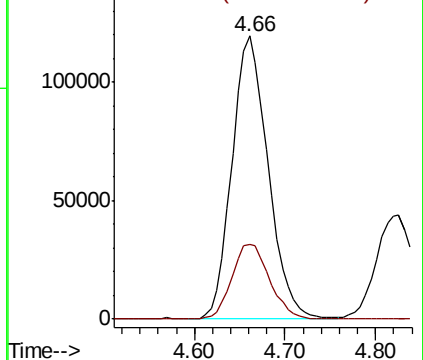
43 100

72 26.3 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 45.597 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX013119.D

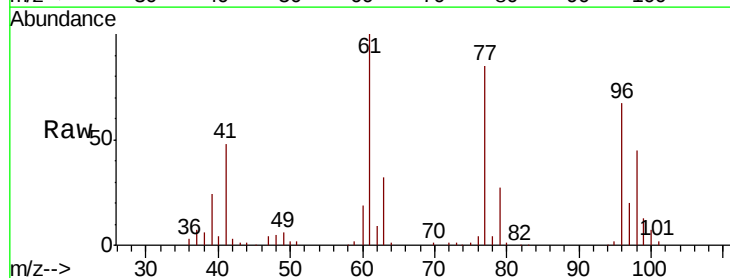
Acq: 17 Oct 2019 19:51

Tgt Ion: 77 Resp: 109567

Ion Ratio Lower Upper

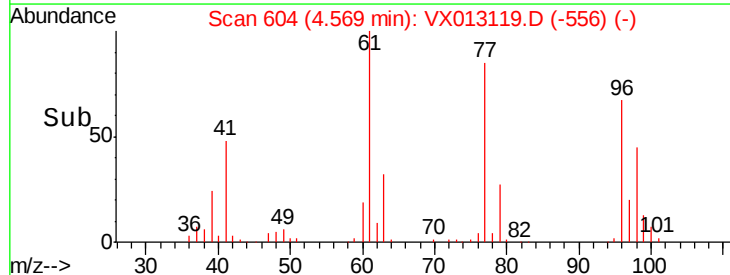
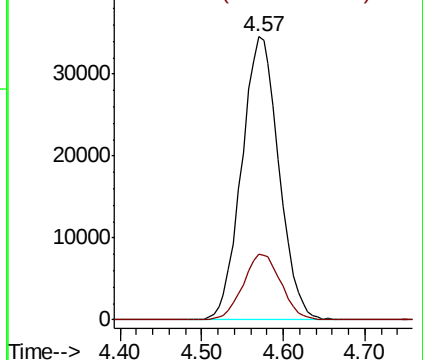
77 100

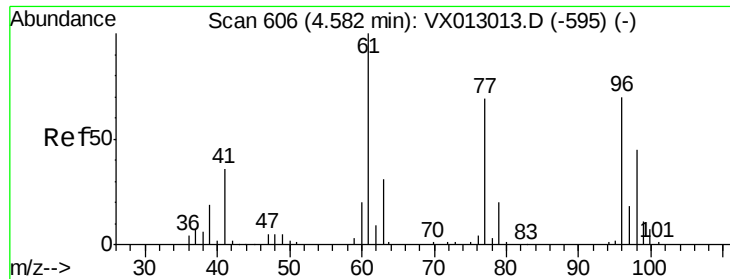
97 23.6 11.3 33.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



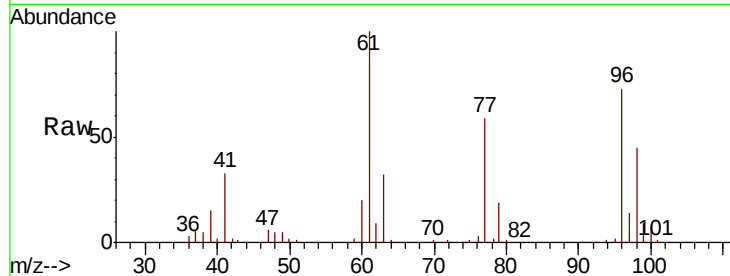


#27

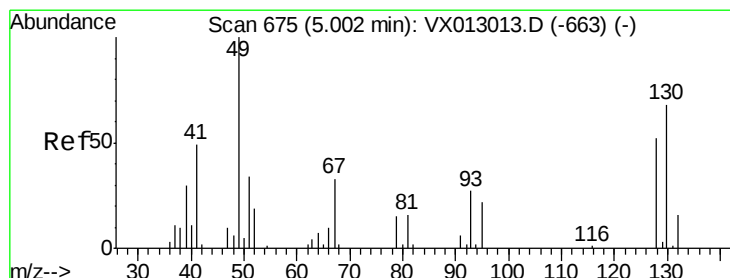
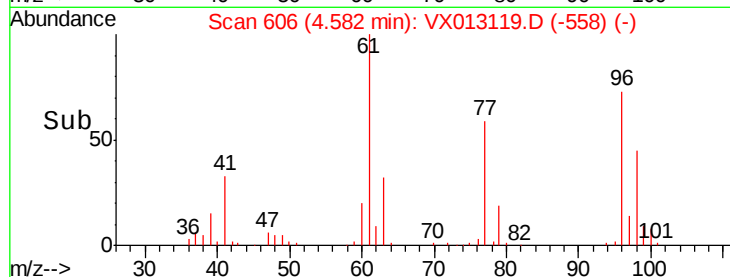
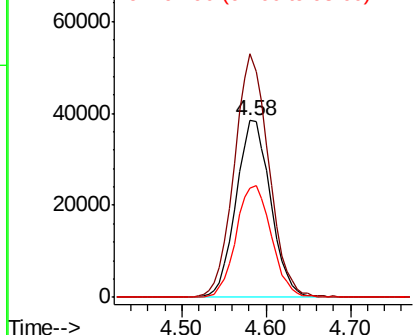
cis-1,2-Dichloroethene
 Concen: 57.989 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: VX013119.D
 Acq: 17 Oct 2019 19:51

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW0301CMS

Tot Ion: 96 Resp: 106640
 Ion Ratio Lower Upper
 96 100
 61 137.8 0.0 290.6
 98 64.9 0.0 128.8



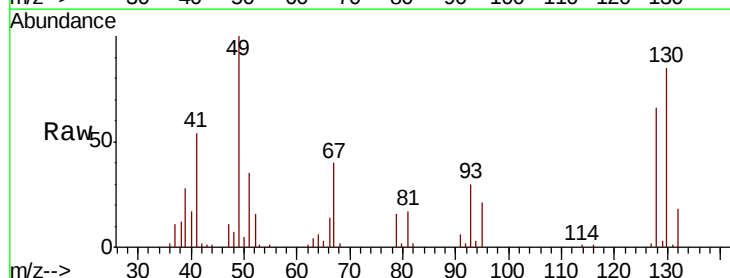
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



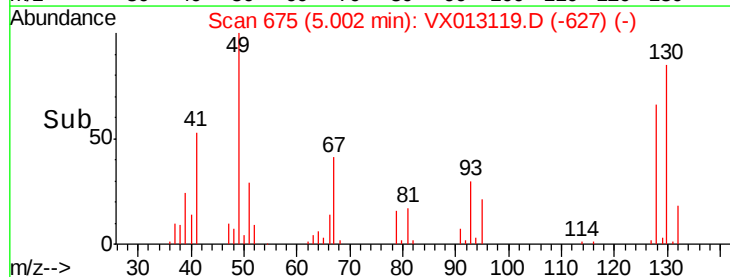
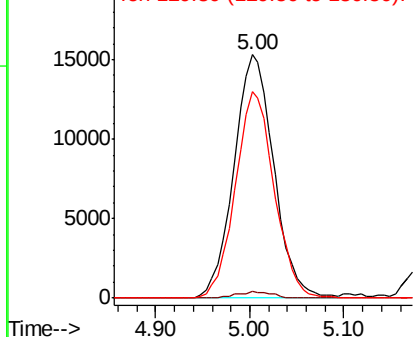
#28

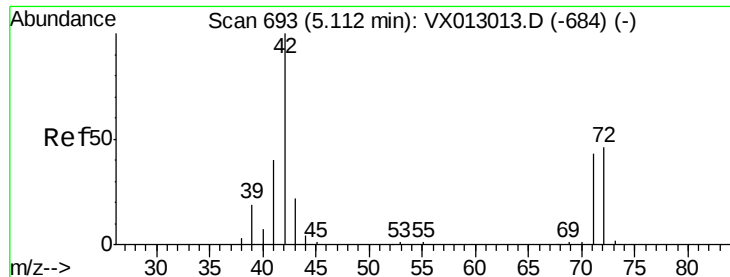
Bromochloromethane
 Concen: 52.815 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: VX013119.D
 Acq: 17 Oct 2019 19:51

Tgt Ion: 49 Resp: 45082
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.2
 130 82.5 62.1 93.1



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

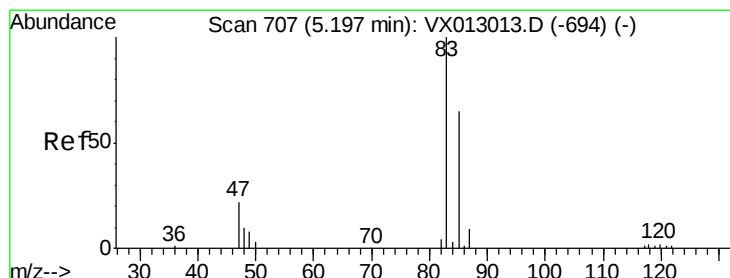
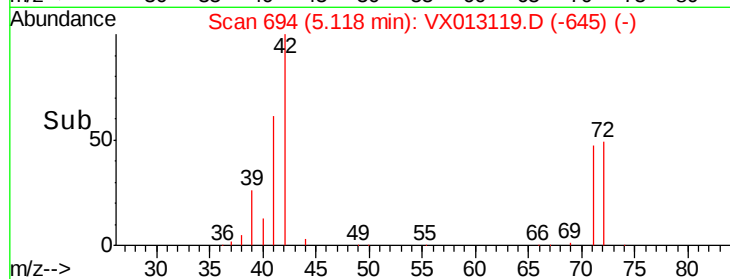
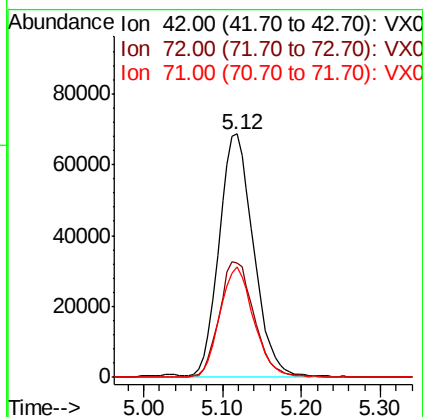
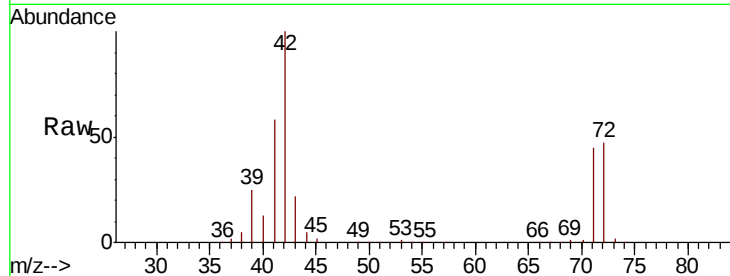




#29
Tetrahydrofuran
Concen: 251.891 ug/l
RT: 5.12 min Scan# 694
Delta R.T. -0.00 min
Lab File: VX013119.D
Acq: 17 Oct 2019 19:51

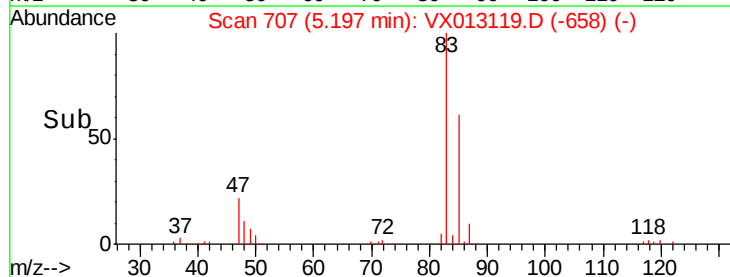
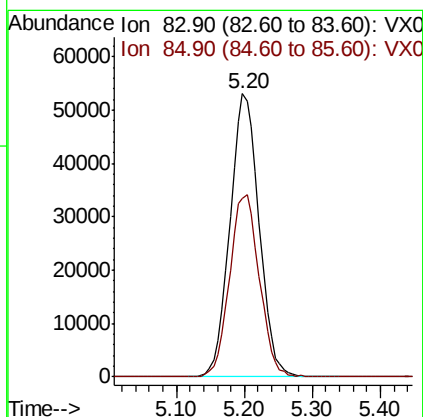
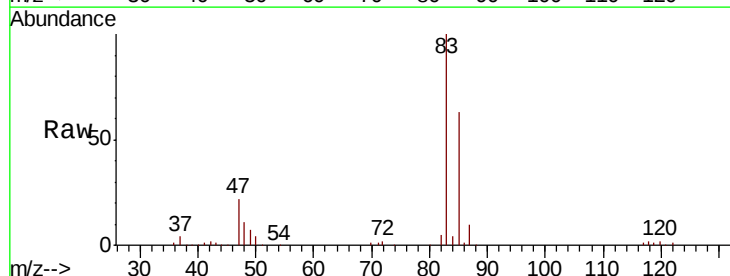
Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW0301CMS

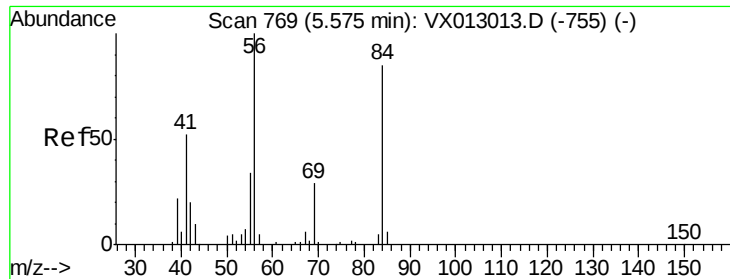
Tot Ion: 42 Resp: 208681
Ion Ratio Lower Upper
42 100
72 48.5 36.9 55.3
71 44.8 33.5 50.3



#30
Chloroform
Concen: 53.661 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX013119.D
Acq: 17 Oct 2019 19:51

Tgt Ion: 83 Resp: 157338
Ion Ratio Lower Upper
83 100
85 63.0 51.5 77.3

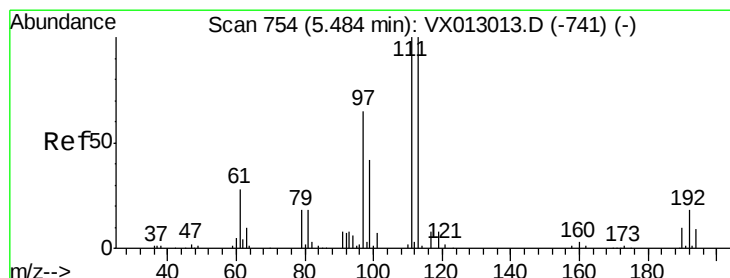
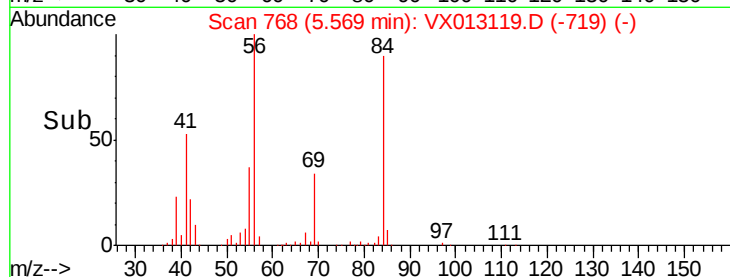
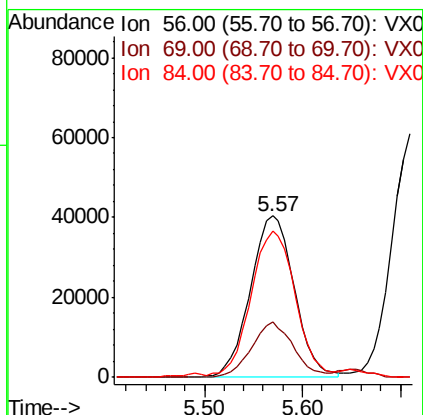
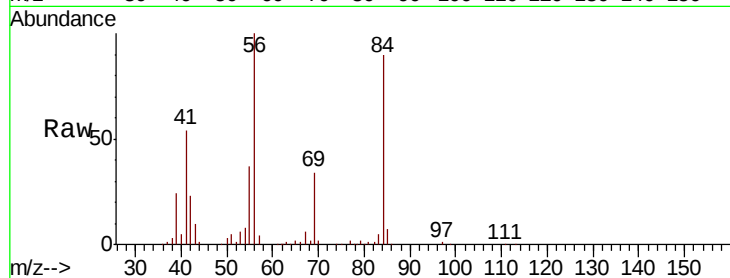




#31
Cyclohexane
Concen: 47.196 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX013119.D
Acq: 17 Oct 2019 19:51

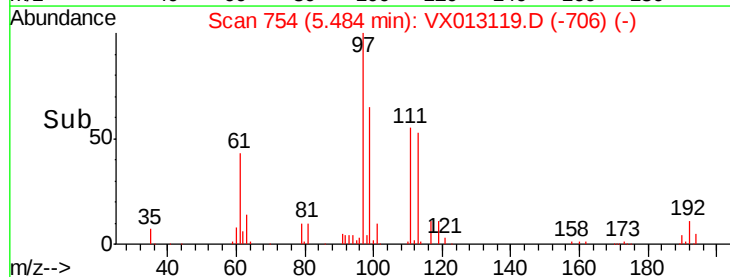
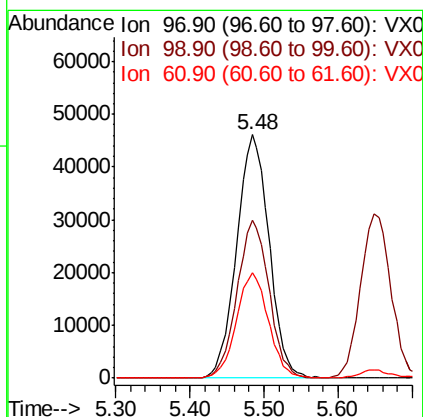
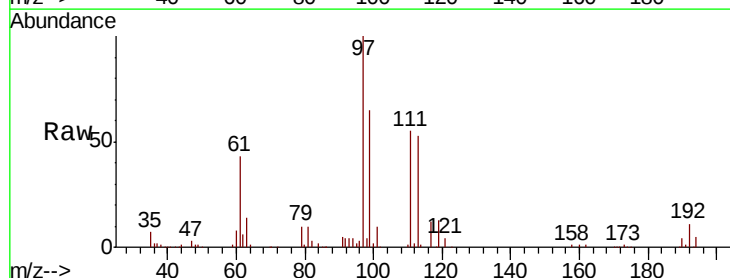
Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW0301CMS

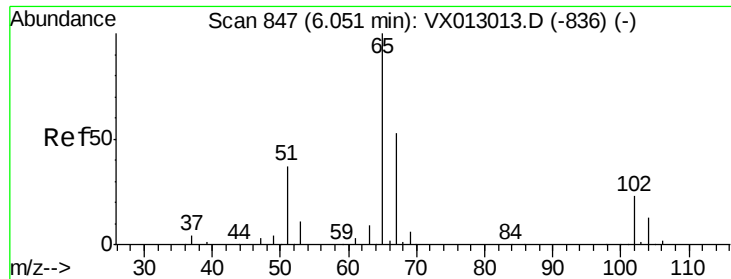
Tot Ion: 56 Resp: 126109
Ion Ratio Lower Upper
56 100
69 33.6 25.2 37.8
84 88.5 71.3 106.9



#32
1,1,1-Trichloroethane
Concen: 56.788 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX013119.D
Acq: 17 Oct 2019 19:51

Tgt Ion: 97 Resp: 141084
Ion Ratio Lower Upper
97 100
99 63.9 52.3 78.5
61 42.8 35.0 52.4

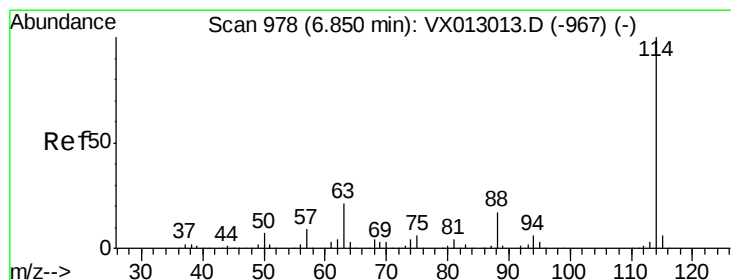
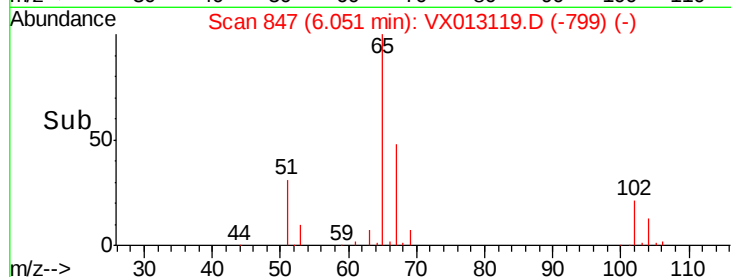
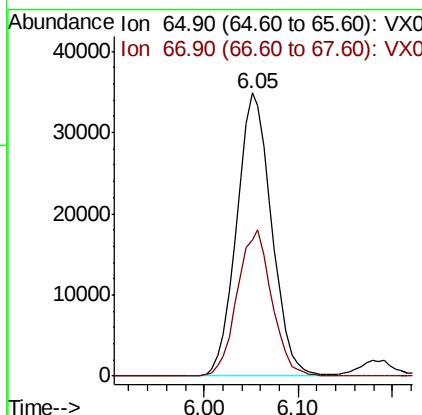
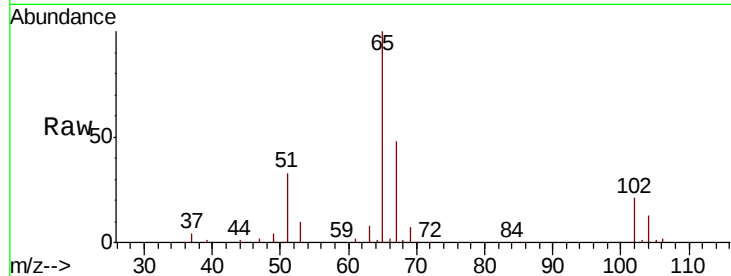




#33
 1,2-Dichloroethane-d4
 Concen: 49.097 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: VX013119.D
 Acq: 17 Oct 2019 19:51

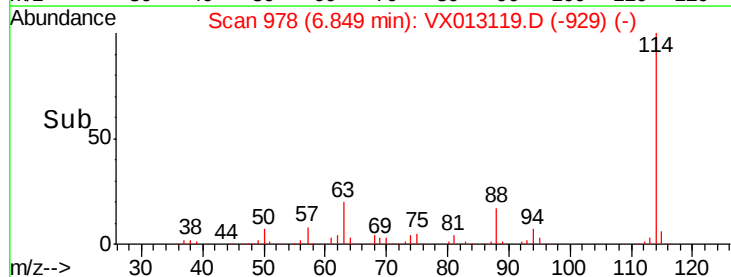
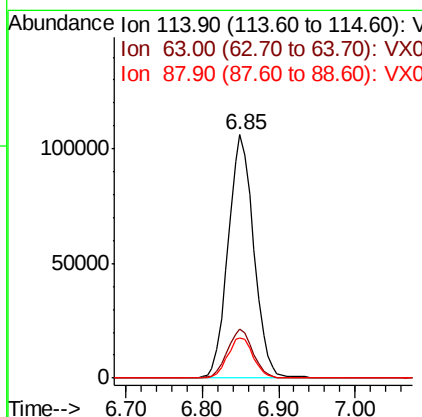
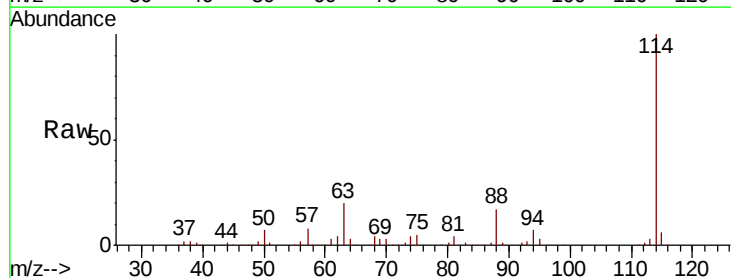
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW0301CMS

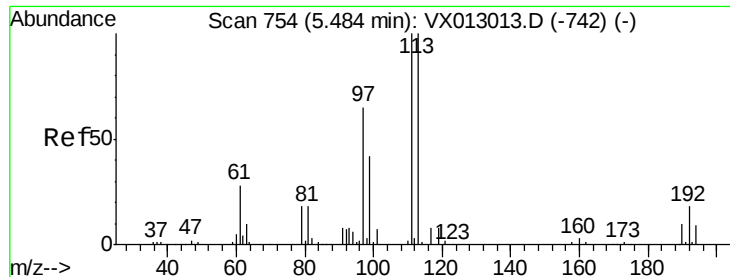
Tot Ion: 65 Resp: 90387
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013119.D
 Acq: 17 Oct 2019 19:51

Tgt Ion: 114 Resp: 246201
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 40.8
 88 16.6 0.0 33.8

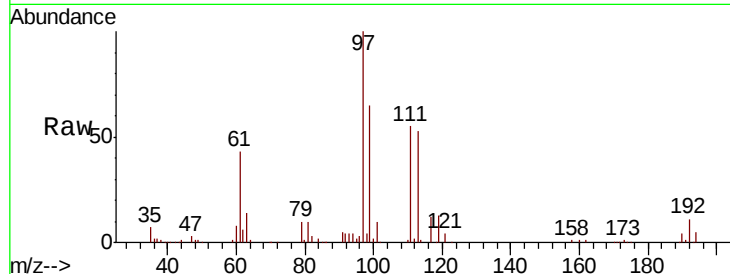




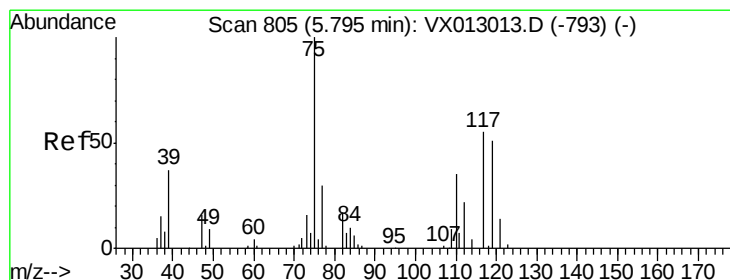
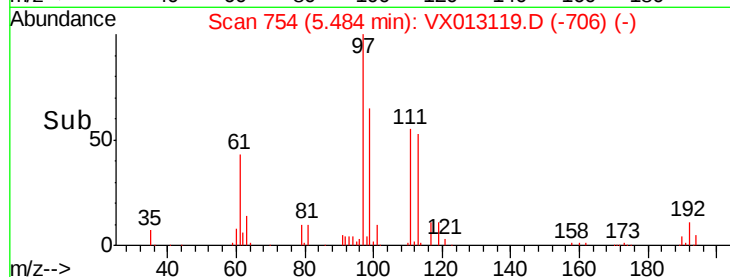
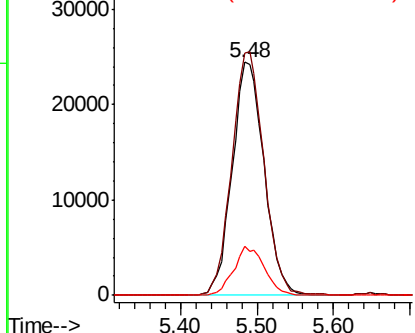
#35
 Dibromofluoromethane
 Concen: 49.992 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX013119.D
 Acq: 17 Oct 2019 19:51

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW0301CMS

Tot Ion:113 Resp: 70642
 Ion Ratio Lower Upper
 113 100
 111 104.6 83.2 124.8
 192 20.2 15.4 23.2

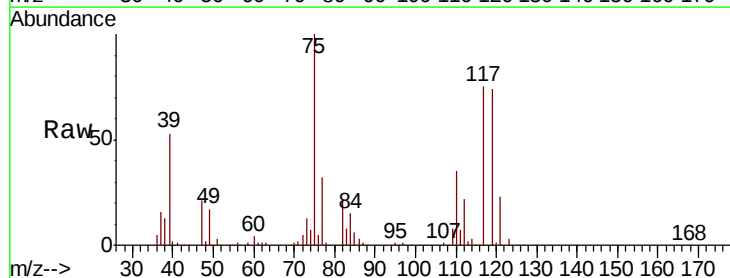


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

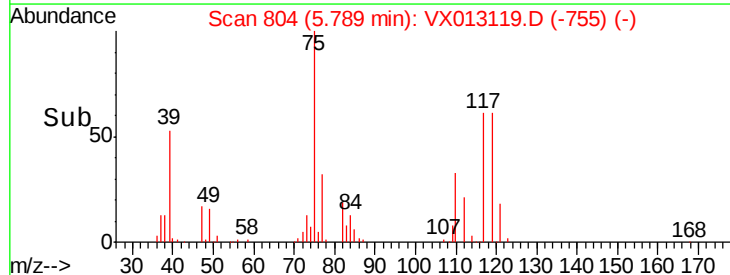
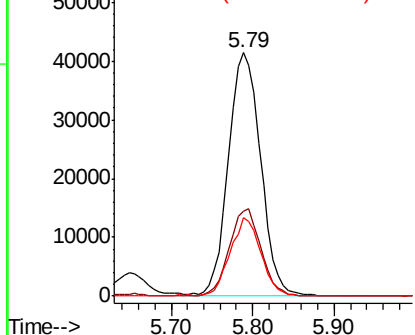


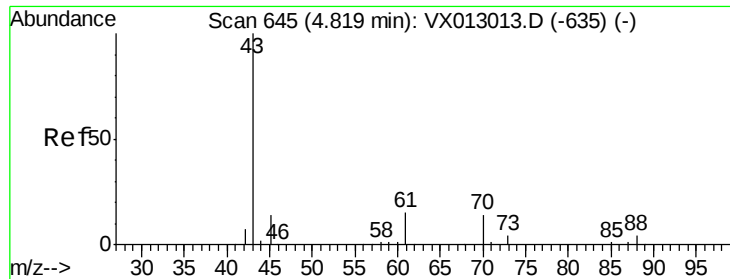
#36
 1,1-Dichloropropene
 Concen: 52.028 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX013119.D
 Acq: 17 Oct 2019 19:51

Tgt Ion: 75 Resp: 112620
 Ion Ratio Lower Upper
 75 100
 110 35.3 17.6 52.9
 77 30.9 24.4 36.6



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

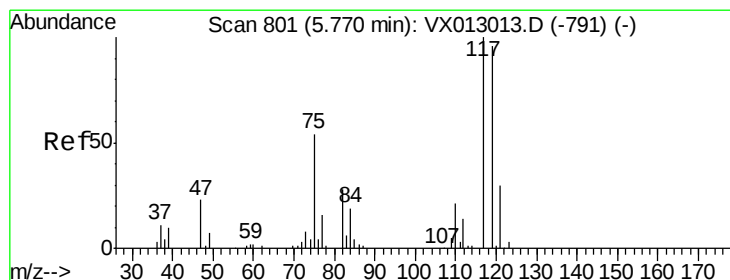
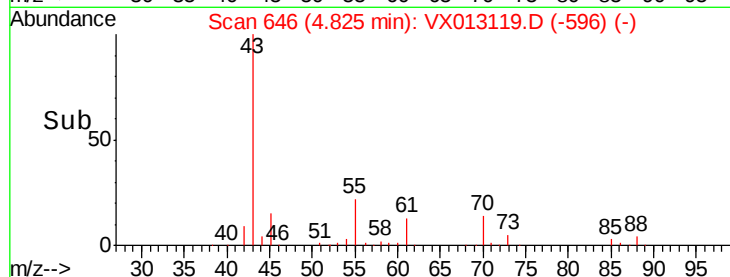
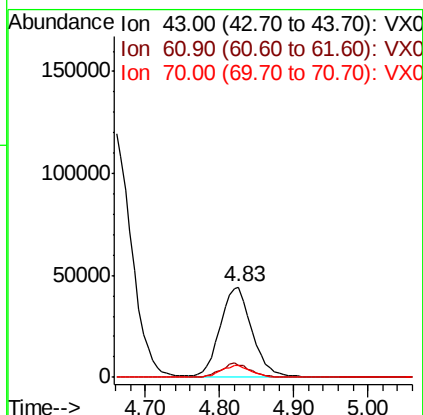
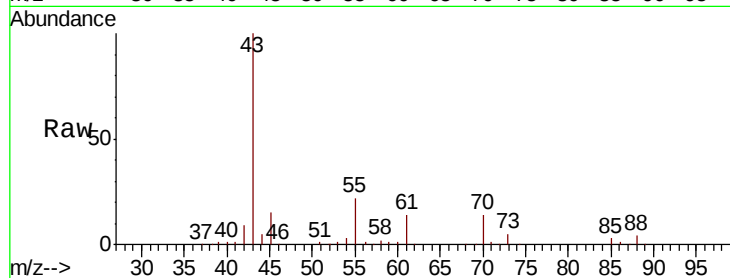




#37
Ethyl Acetate
Concen: 53.998 ug/l
RT: 4.83 min Scan# 646
Delta R.T. 0.01 min
Lab File: VX013119.D
Acq: 17 Oct 2019 19:51

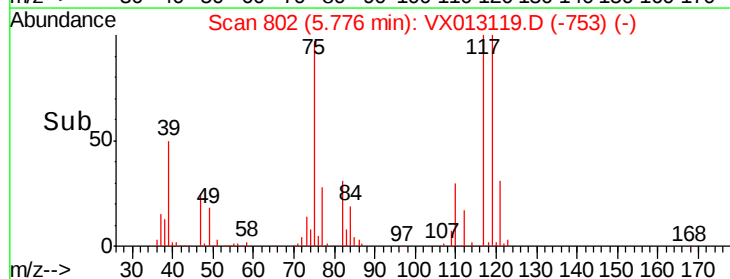
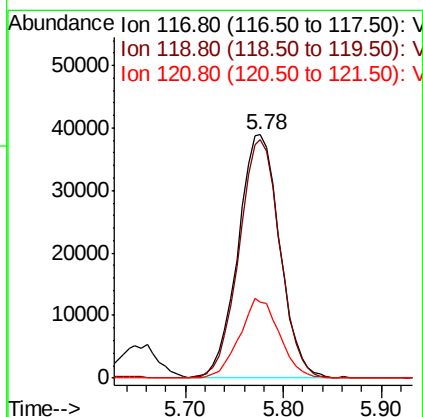
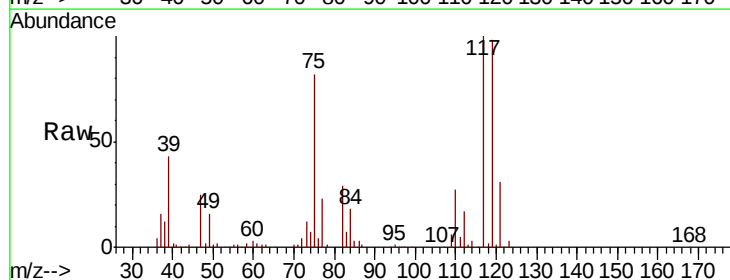
Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW0301CMS

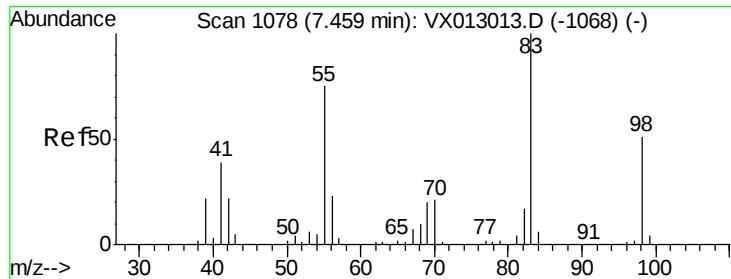
Tot Ion: 43 Resp: 130700
Ion Ratio Lower Upper
43 100
61 14.9 11.4 17.0
70 12.6 9.8 14.6



#38
Carbon Tetrachloride
Concen: 54.529 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX013119.D
Acq: 17 Oct 2019 19:51

Tgt Ion: 117 Resp: 114888
Ion Ratio Lower Upper
117 100
119 98.2 74.5 111.7
121 31.0 24.2 36.4

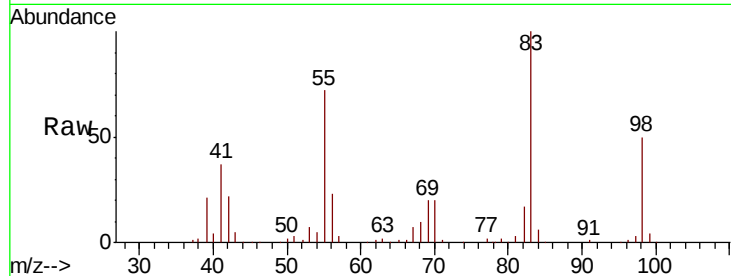




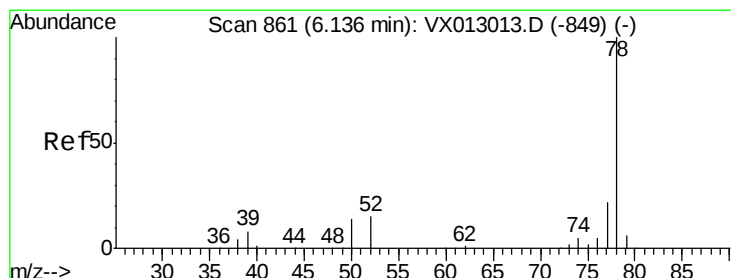
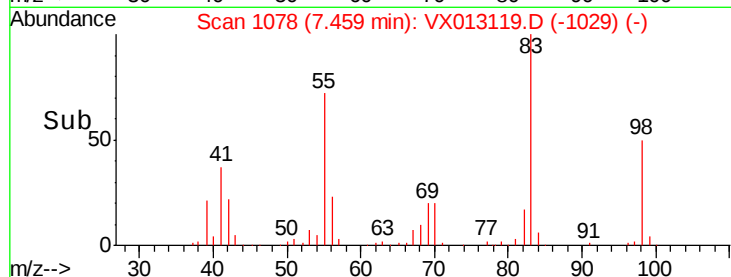
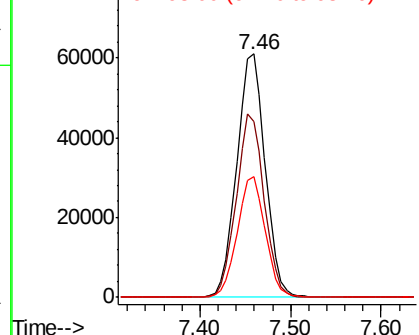
#39
Methvlcvclohexane
Concen: 50.508 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX013119.D
Acq: 17 Oct 2019 19:51

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW0301CMS

Tot Ion: 83 Resp: 132589
Ion Ratio Lower Upper
83 100
55 72.3 60.2 90.4
98 49.8 38.5 57.7

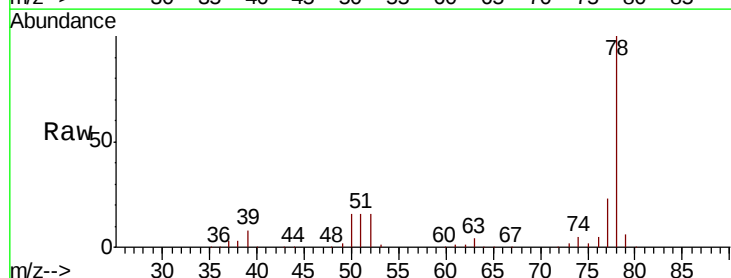


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

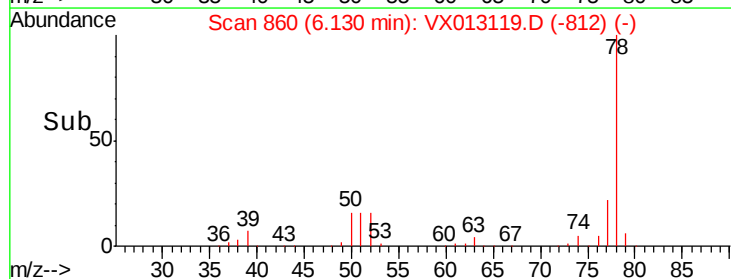
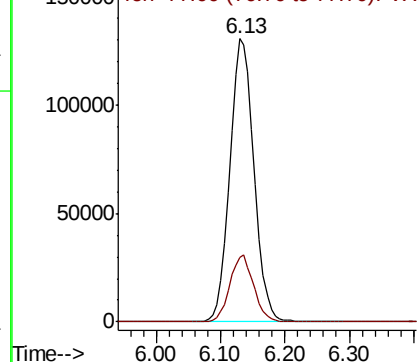


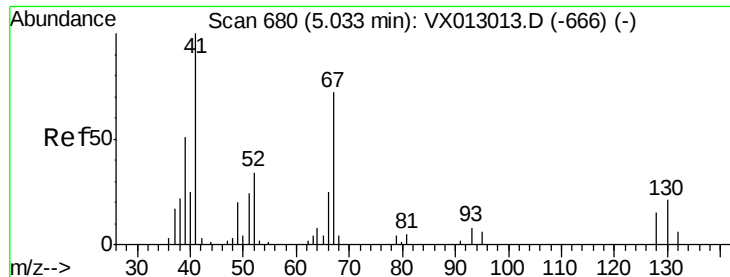
#40
Benzene
Concen: 53.981 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX013119.D
Acq: 17 Oct 2019 19:51

Tgt Ion: 78 Resp: 345114
Ion Ratio Lower Upper
78 100
77 23.0 19.0 28.4



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

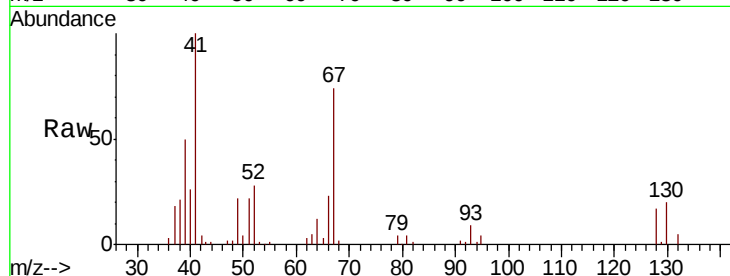




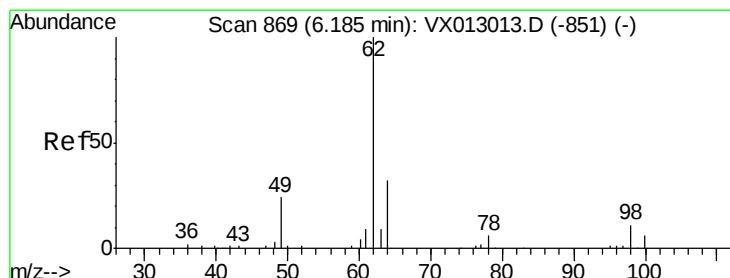
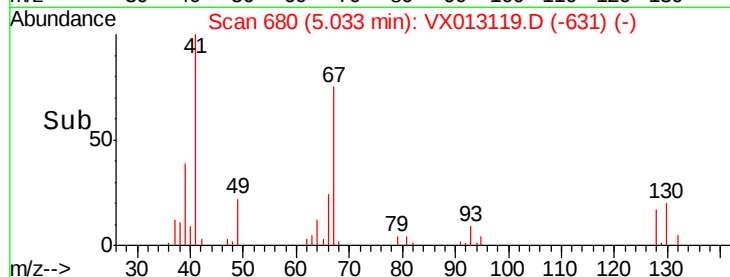
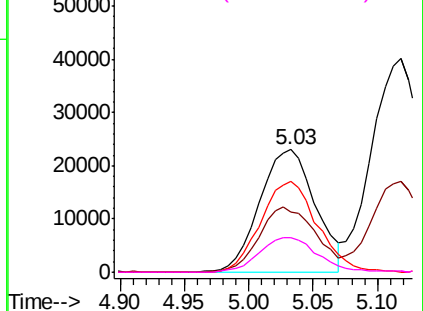
#41
Methacrylonitrile
Concen: 51.999 ug/l
RT: 5.03 min Scan# 680
Delta R.T. -0.00 min
Lab File: VX013119.D
Acq: 17 Oct 2019 19:51

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW0301CMS

Tot Ion:	41	Resp:	69159
Ion	Ratio	Lower	Upper
41	100		
39	53.6	44.0	66.0
67	75.6	58.5	87.7
52	30.3	23.8	35.8

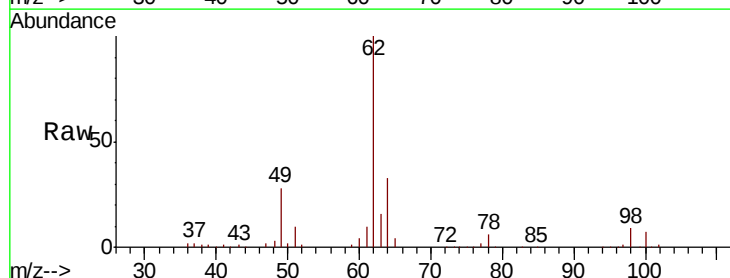


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

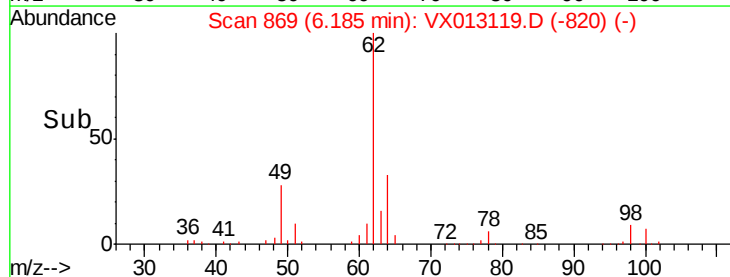
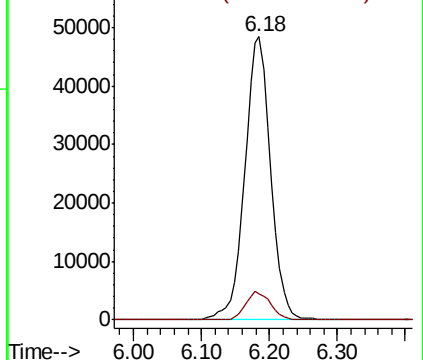


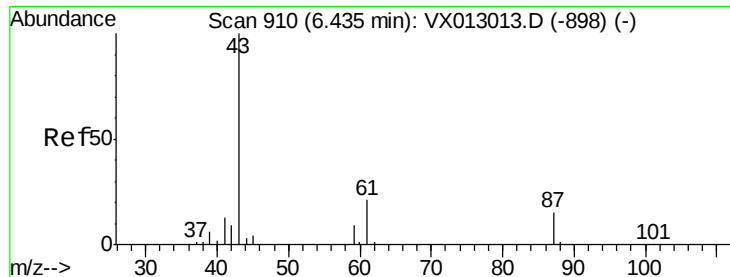
#42
1,2-Dichloroethane
Concen: 55.628 ug/l
RT: 6.18 min Scan# 869
Delta R.T. -0.00 min
Lab File: VX013119.D
Acq: 17 Oct 2019 19:51

Tgt Ion:	62	Resp:	127615
Ion	Ratio	Lower	Upper
62	100		
98	9.7	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: 50.633 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX013119.D

Acq: 17 Oct 2019 19:51

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW0301CMS

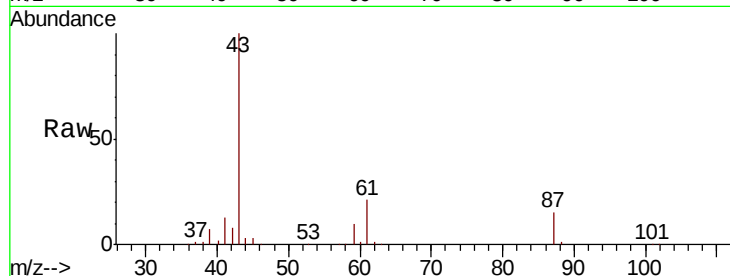
Tot Ion: 43 Resp: 196704

Ion Ratio Lower Upper

43 100

61 20.9 16.6 24.8

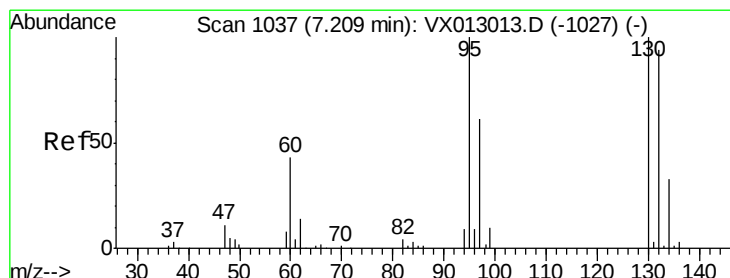
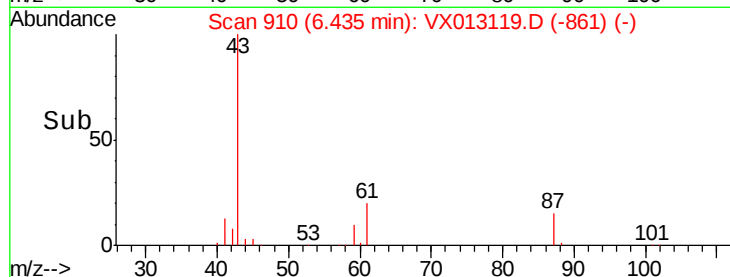
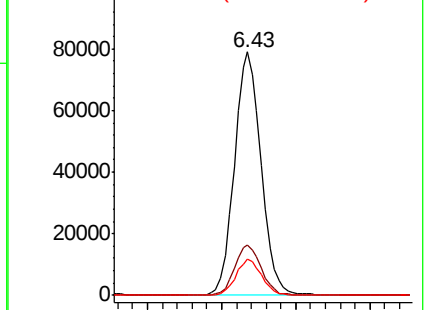
87 14.5 11.0 16.6



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: 71.876 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX013119.D

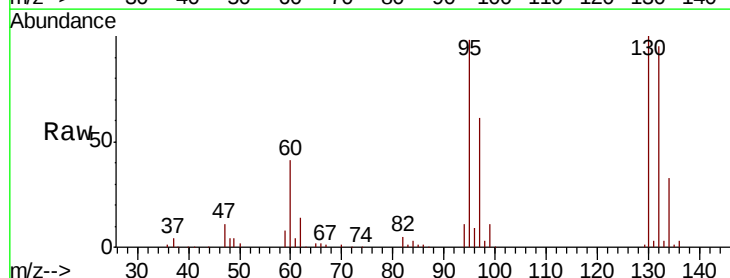
Acq: 17 Oct 2019 19:51

Tgt Ion: 130 Resp: 127426

Ion Ratio Lower Upper

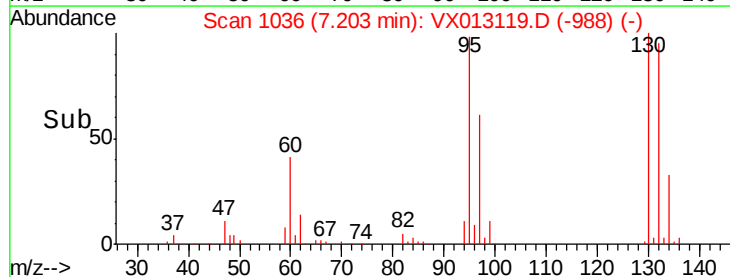
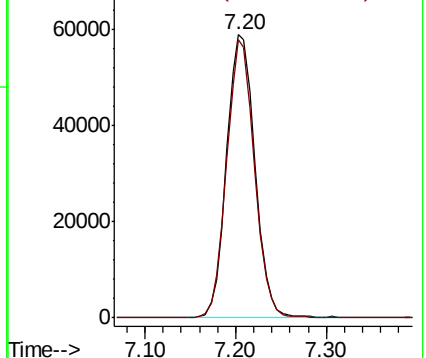
130 100

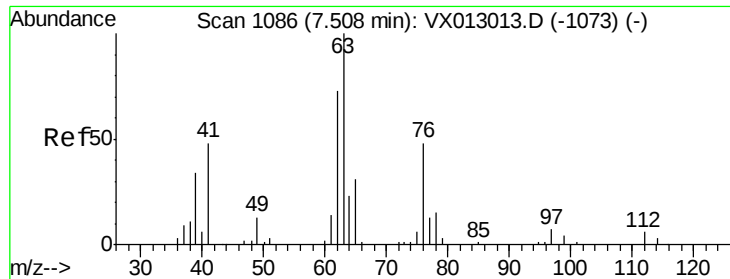
95 98.3 0.0 189.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 55.013 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX013119.D

Acq: 17 Oct 2019 19:51

Instrument :

MSVOA_X

ClientSampleId :

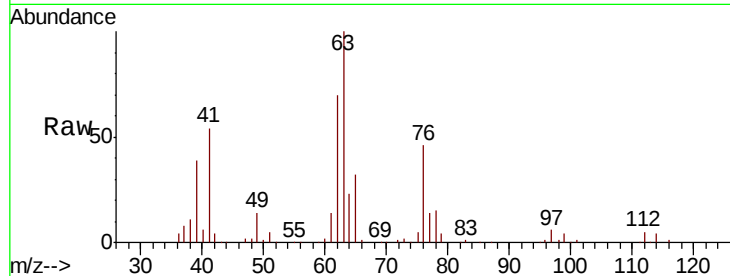
FA19-JMW0301CMS

Tot Ion: 63 Resp: 89639

Ion Ratio Lower Upper

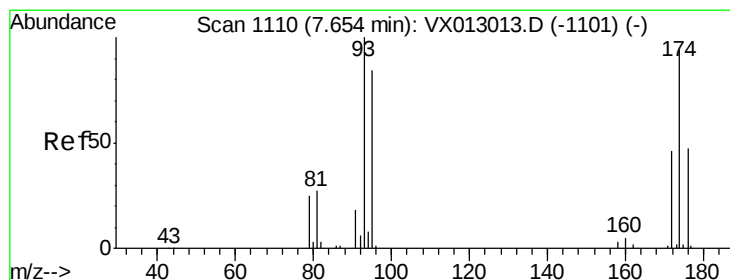
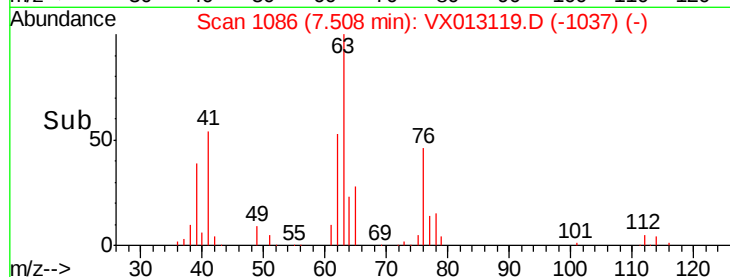
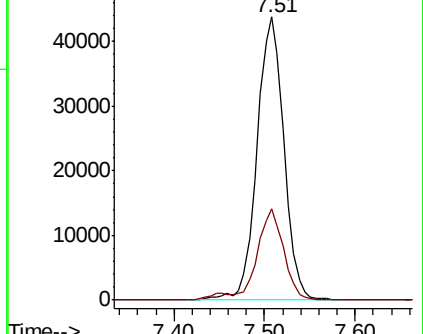
63 100

65 32.2 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: 55.897 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX013119.D

Acq: 17 Oct 2019 19:51

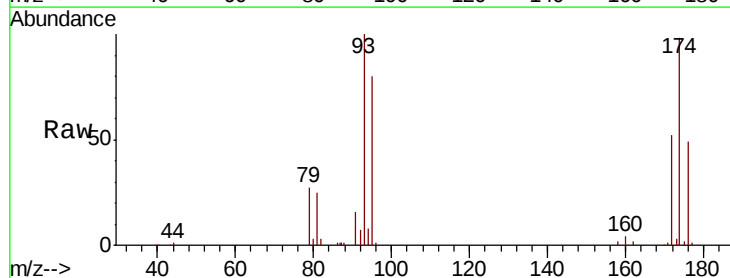
Tgt Ion: 93 Resp: 60683

Ion Ratio Lower Upper

93 100

95 83.9 66.3 99.5

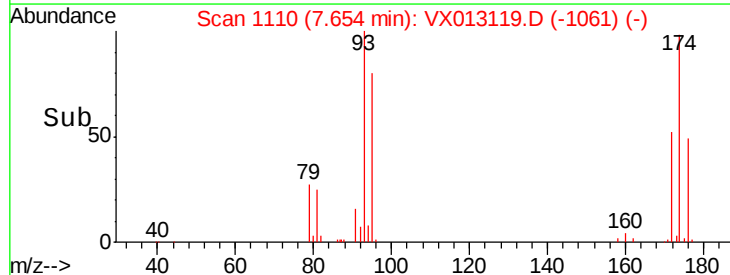
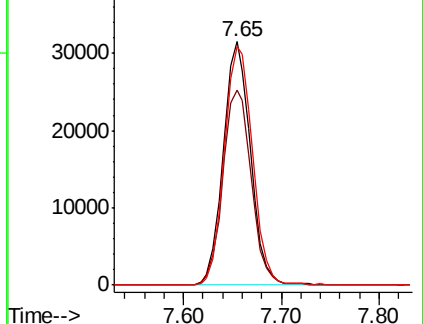
174 101.5 77.8 116.6

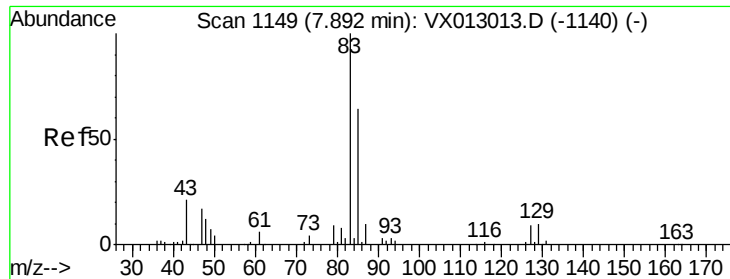


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 57.023 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013119.D

Acq: 17 Oct 2019 19:51

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW0301CMS

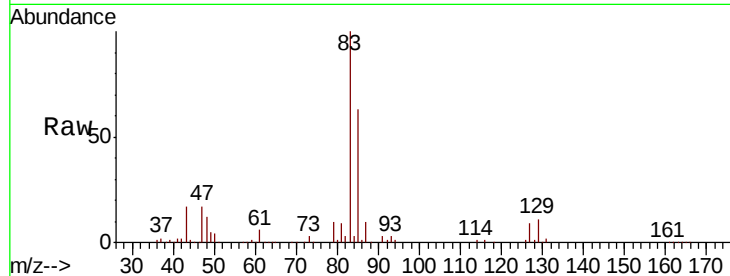
Tot Ion: 83 Resp: 120809

Ion Ratio Lower Upper

83 100

85 63.3 52.4 78.6

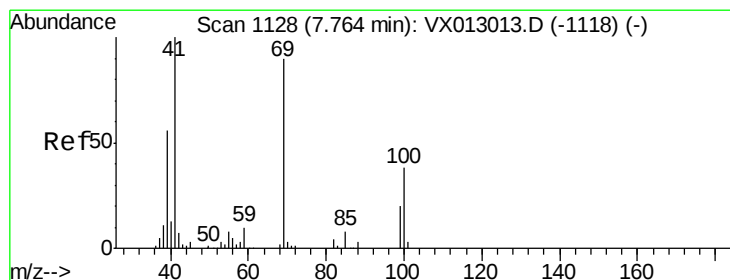
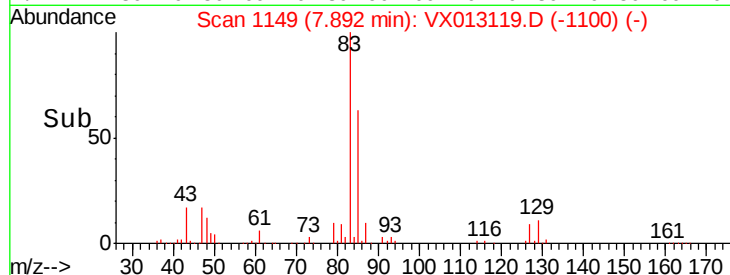
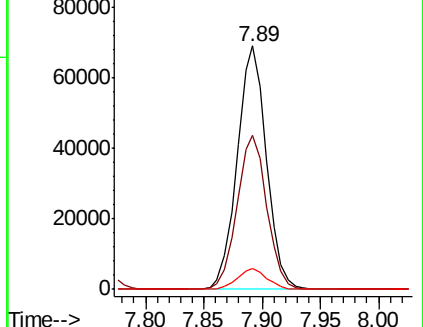
127 8.5 6.6 10.0



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: 53.132 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX013119.D

Acq: 17 Oct 2019 19:51

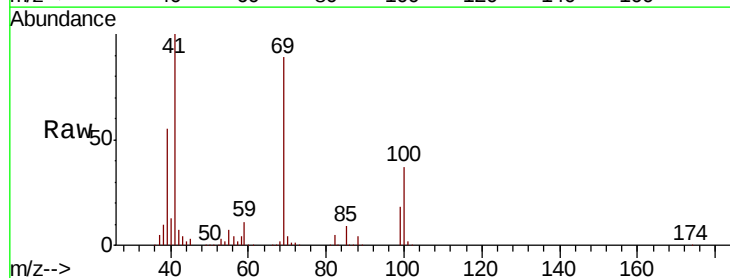
Tgt Ion: 41 Resp: 100587

Ion Ratio Lower Upper

41 100

69 87.0 68.7 103.1

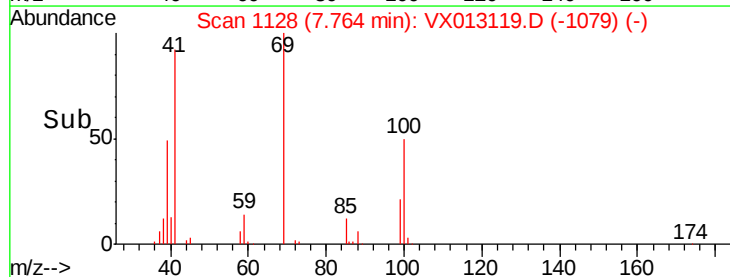
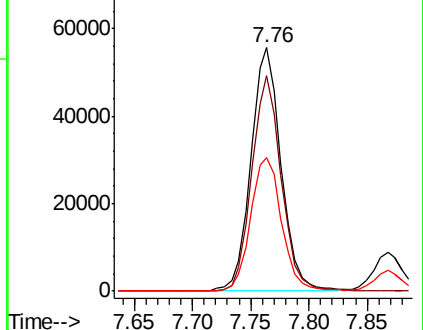
39 56.7 44.3 66.5

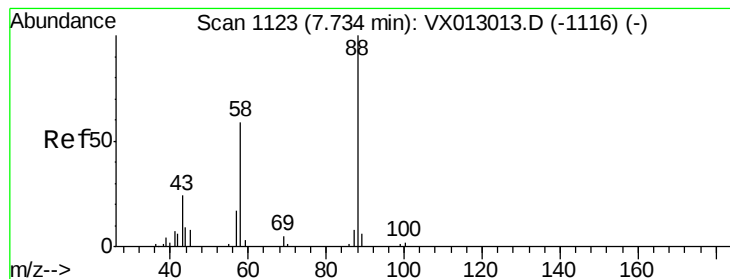


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 995.025 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX013119.D

Acq: 17 Oct 2019 19:51

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW0301CMS

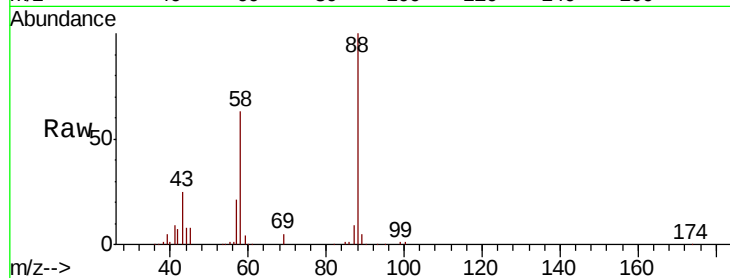
Tot Ion: 88 Resp: 50542

Ion Ratio Lower Upper

88 100

43 31.6 25.0 37.6

58 67.2 55.4 83.2

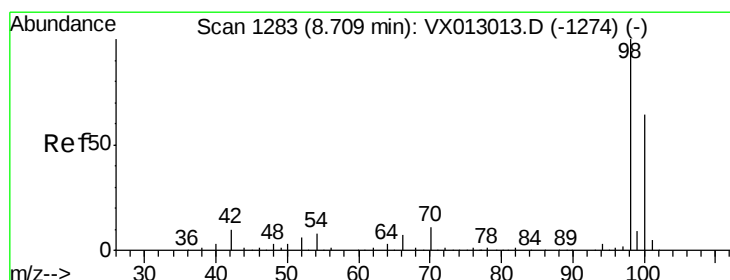
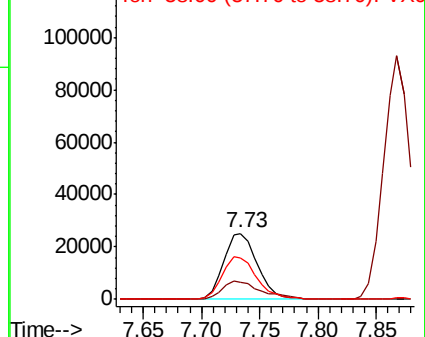
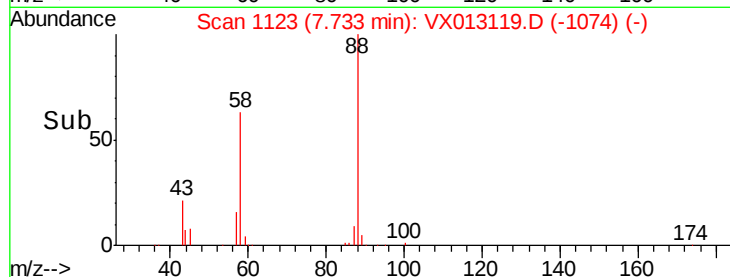


Abundance

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: 47.782 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013119.D

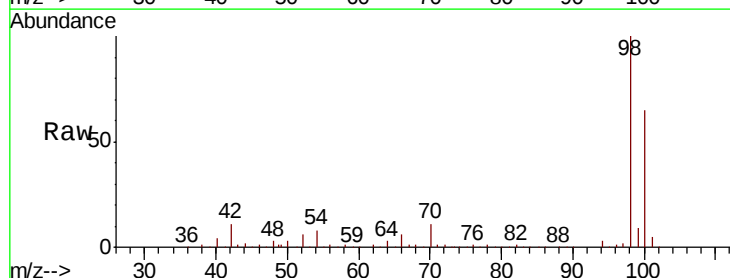
Acq: 17 Oct 2019 19:51

Tgt Ion: 98 Resp: 263342

Ion Ratio Lower Upper

98 100

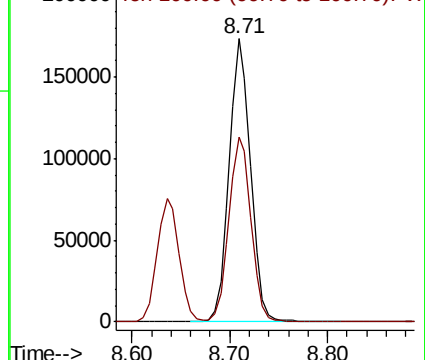
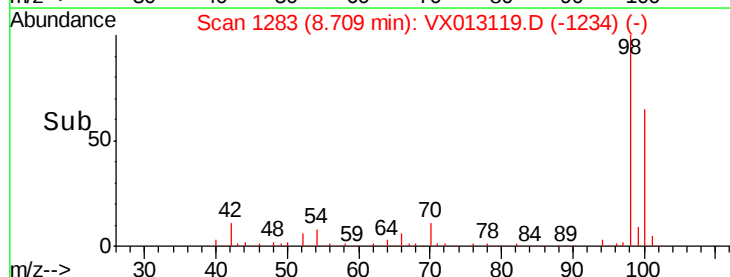
100 67.6 53.4 80.2

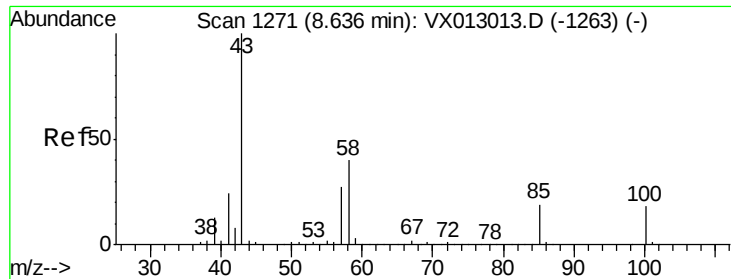


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 267.182 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX013119.D

Acq: 17 Oct 2019 19:51

Instrument :

MSVOA_X

ClientSampleId :

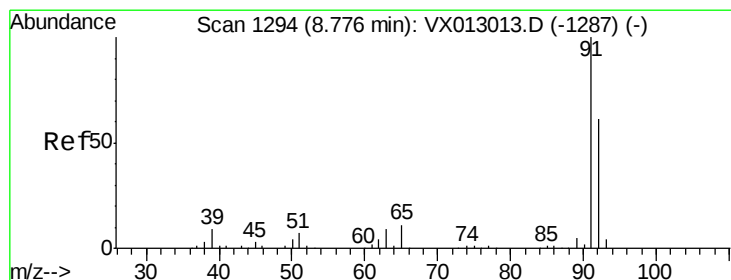
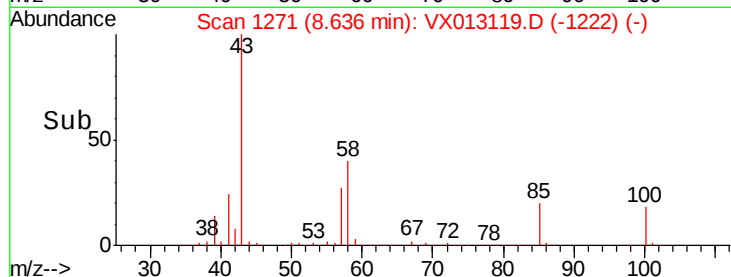
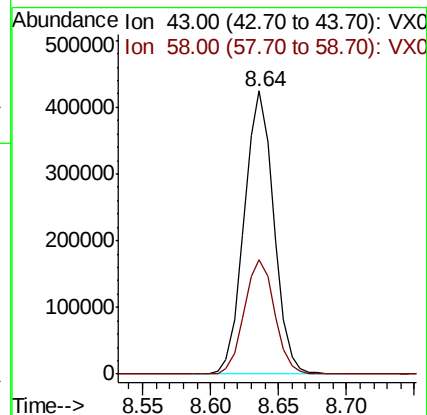
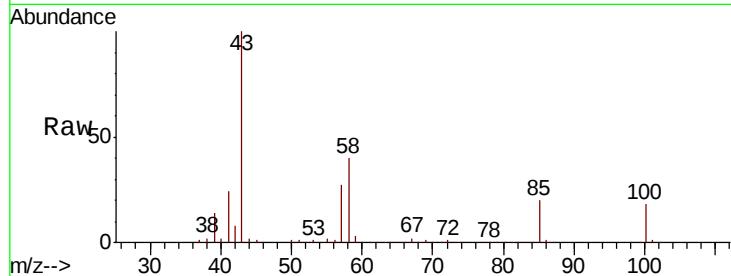
FA19-JMW0301CMS

Tot Ion: 43 Resp: 647155

Ion Ratio Lower Upper

43 100

58 41.2 32.4 48.6



#52

Toluene

Concen: 53.371 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013119.D

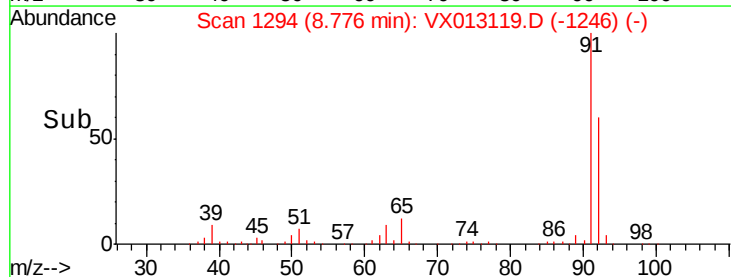
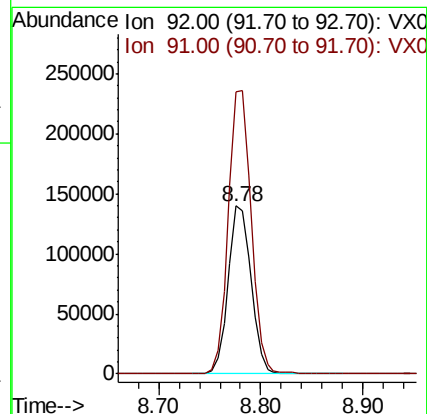
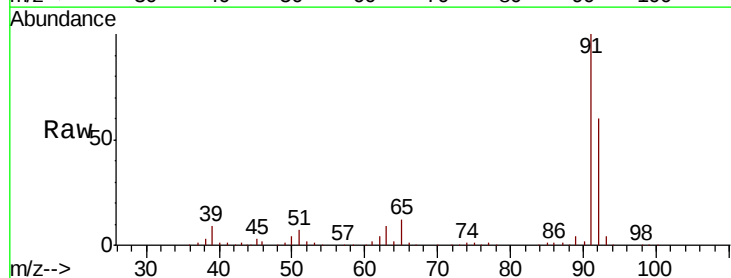
Acq: 17 Oct 2019 19:51

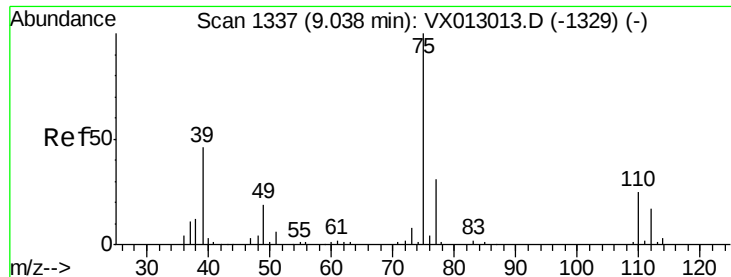
Tgt Ion: 92 Resp: 218293

Ion Ratio Lower Upper

92 100

91 169.3 135.9 203.9

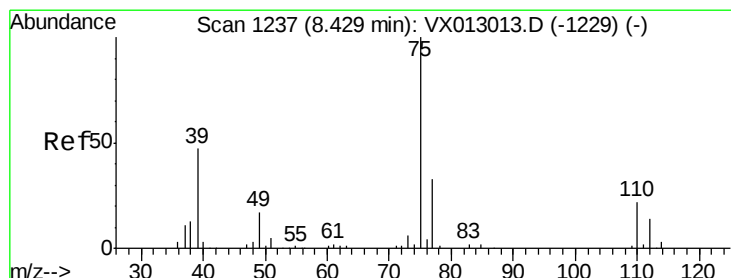
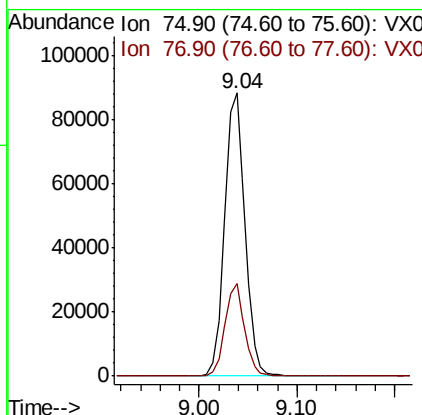
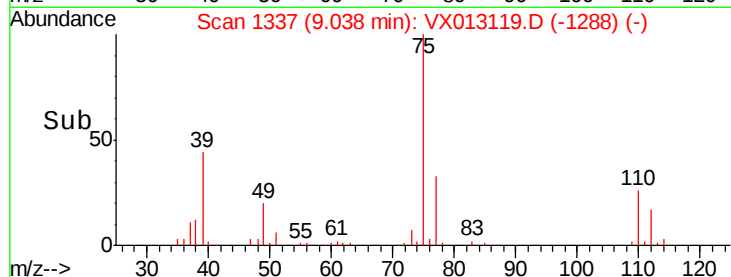
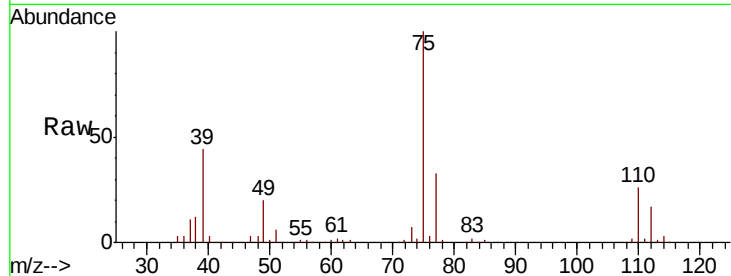




#53
t-1,3-Dichloropropene
Concen: 48.162 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX013119.D
Acq: 17 Oct 2019 19:51

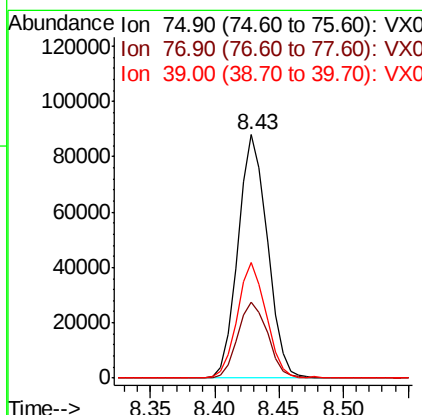
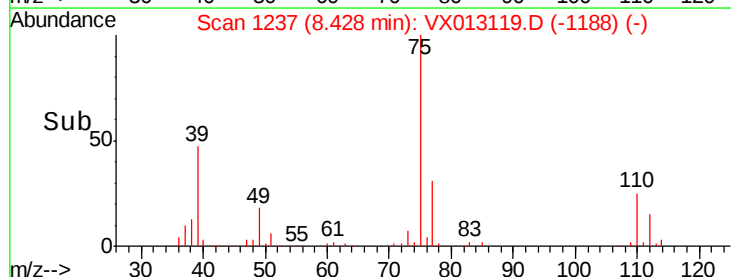
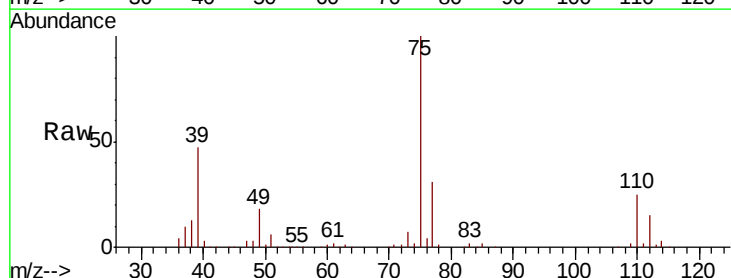
Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW0301CMS

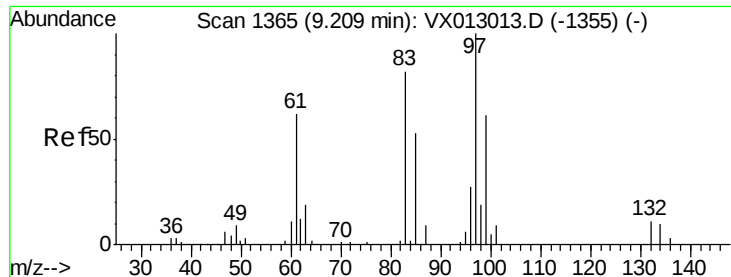
Tot Ion: 75 Resp: 127115
Ion Ratio Lower Upper
75 100
77 32.7 25.8 38.6



#54
cis-1,3-Dichloropropene
Concen: 53.447 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX013119.D
Acq: 17 Oct 2019 19:51

Tgt Ion: 75 Resp: 139266
Ion Ratio Lower Upper
75 100
77 31.2 25.8 38.8
39 47.2 38.2 57.2

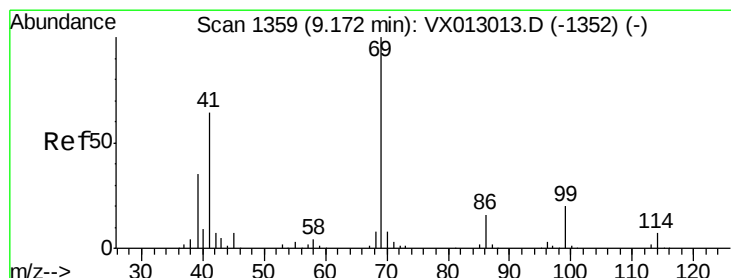
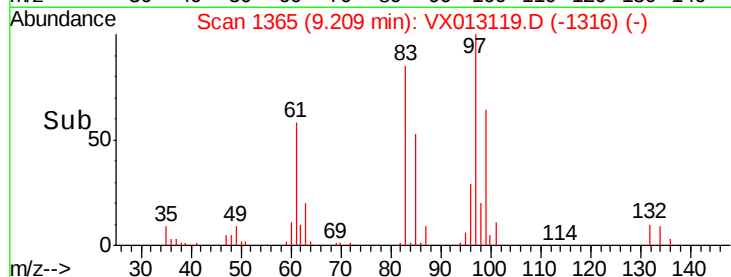
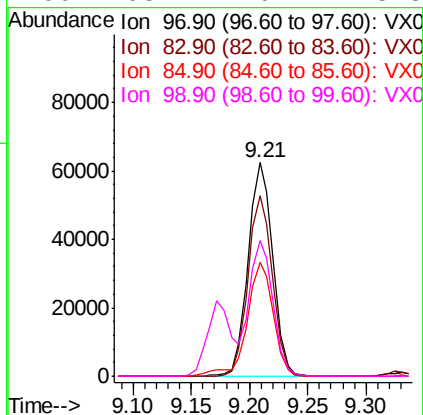
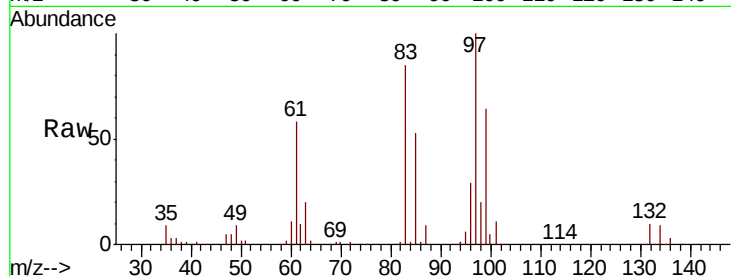




#55
 1,1,2-Trichloroethane
 Concen: 57.140 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013119.D
 Acq: 17 Oct 2019 19:51

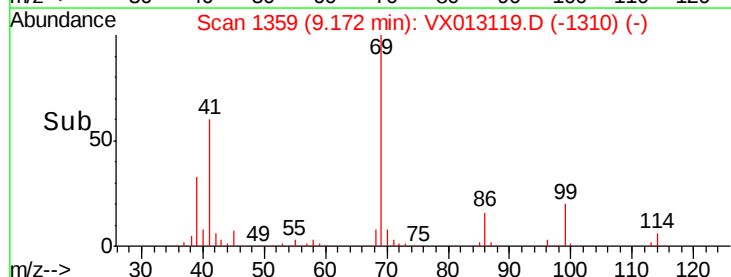
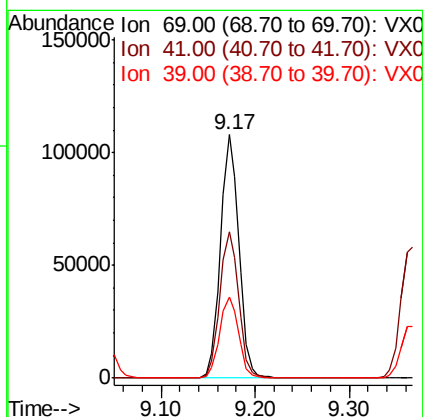
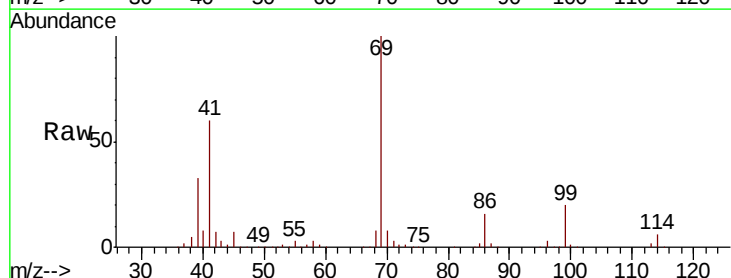
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW0301CMS

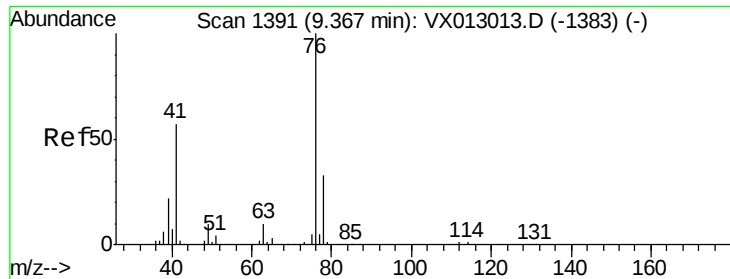
Tot Ion:	97	Resp:	92489
Ion	Ratio	Lower	Upper
97	100		
83	84.6	66.5	99.7
85	53.3	43.1	64.7
99	63.4	49.2	73.8



#56
 Ethyl methacrylate
 Concen: 50.540 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013119.D
 Acq: 17 Oct 2019 19:51

Tgt Ion:	69	Resp:	146548
Ion	Ratio	Lower	Upper
69	100		
41	62.1	52.1	78.1
39	34.5	27.8	41.8





#57

1,3-Dichloropropane

Concen: 54.974 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX013119.D

Acq: 17 Oct 2019 19:51

Instrument :

MSVOA_X

ClientSampleId :

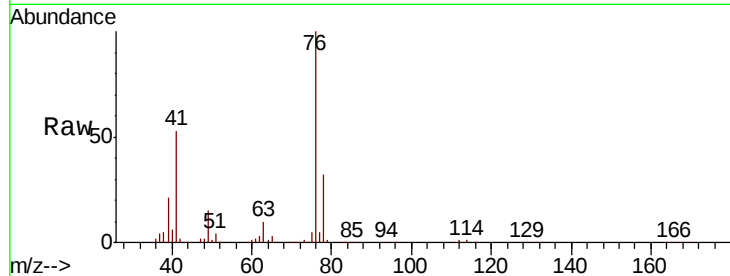
FA19-JMW0301CMS

Tot Ion: 76 Resp: 153923

Ion Ratio Lower Upper

76 100

78 32.3 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

120000

100000

80000

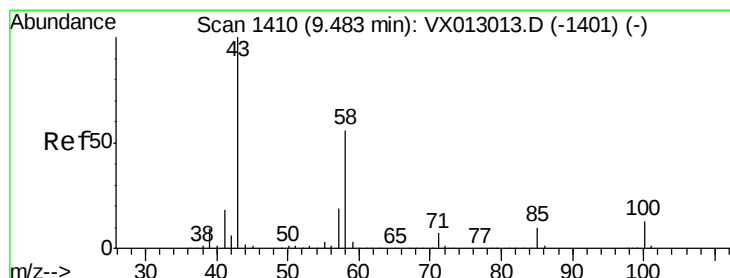
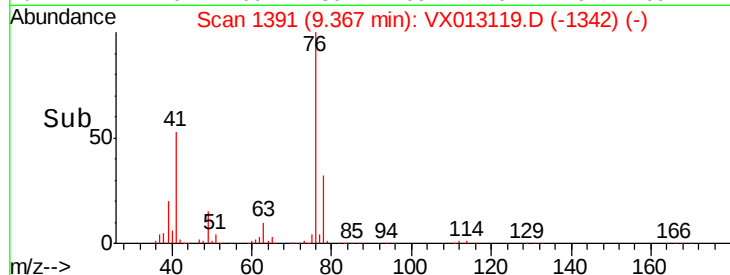
60000

40000

20000

0

Time-->



#59

2-Hexanone

Concen: 263.941 ug/l

RT: 9.49 min Scan# 1411

Delta R.T. -0.00 min

Lab File: VX013119.D

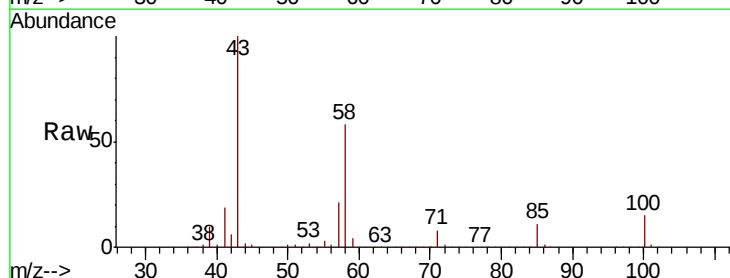
Acq: 17 Oct 2019 19:51

Tgt Ion: 43 Resp: 497658

Ion Ratio Lower Upper

43 100

58 57.3 28.1 84.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

9.49

400000

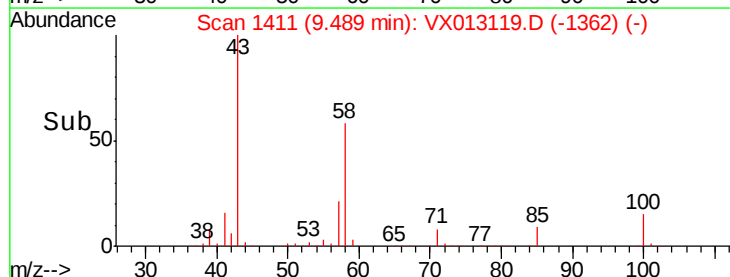
300000

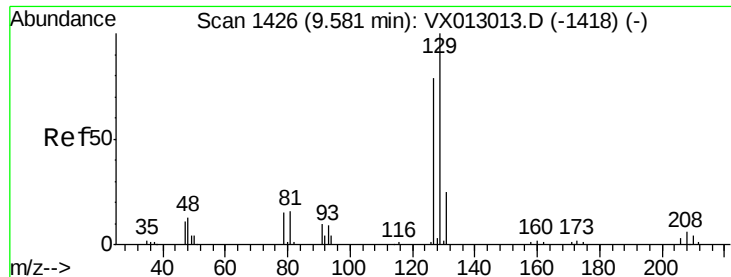
200000

100000

0

Time-->





#60

Dibromochloromethane

Concen: 52.288 ug/l

RT: 9.58 min Scan# 1426

Delta R.T. 0.00 min

Lab File: VX013119.D

Acq: 17 Oct 2019 19:51

Instrument :

MSVOA_X

ClientSampleId :

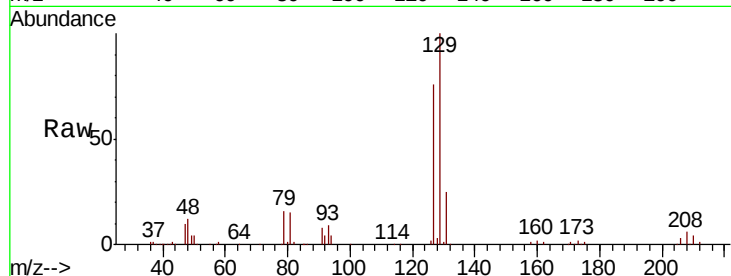
FA19-JMW0301CMS

Tot Ion:129 Resp: 94344

Ion Ratio Lower Upper

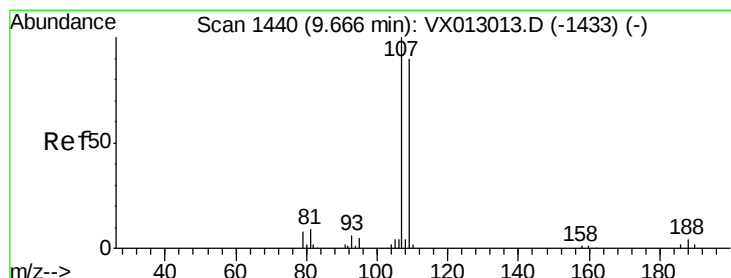
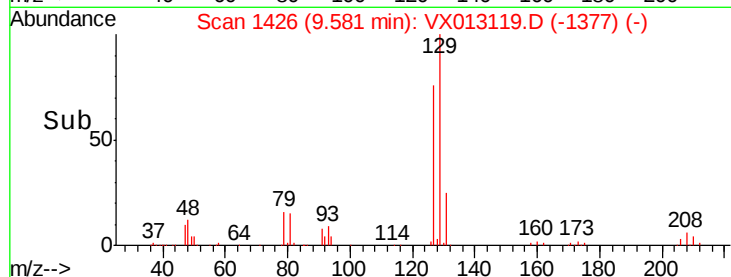
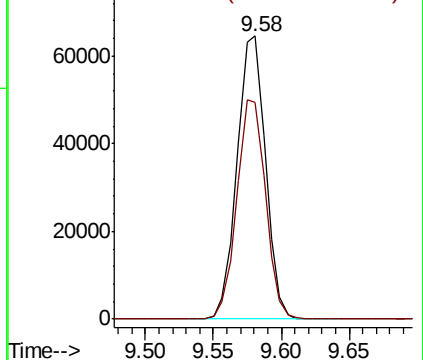
129 100

127 78.2 38.9 116.7



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 55.824 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013119.D

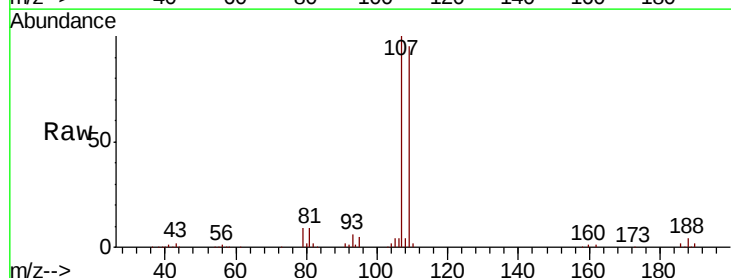
Acq: 17 Oct 2019 19:51

Tgt Ion:107 Resp: 95053

Ion Ratio Lower Upper

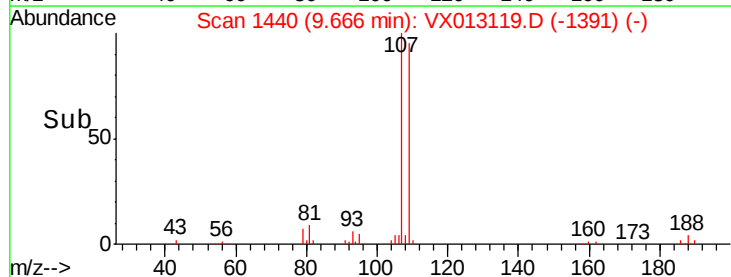
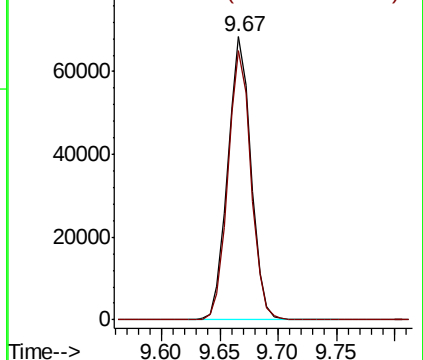
107 100

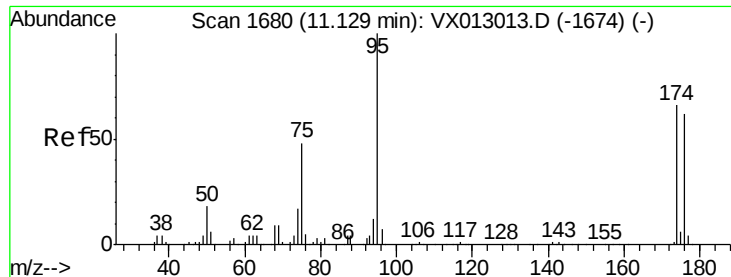
109 94.3 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

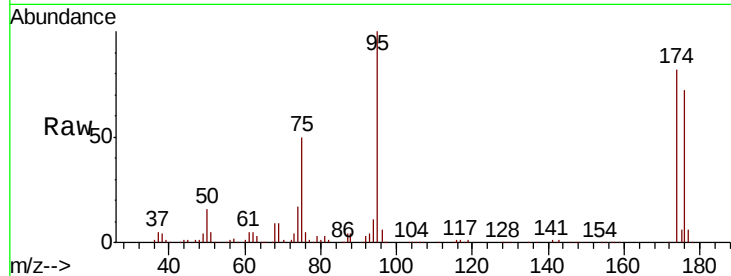




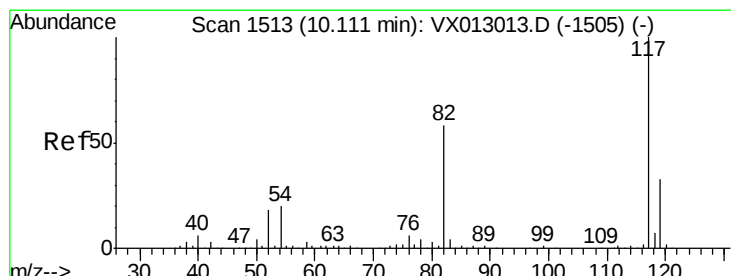
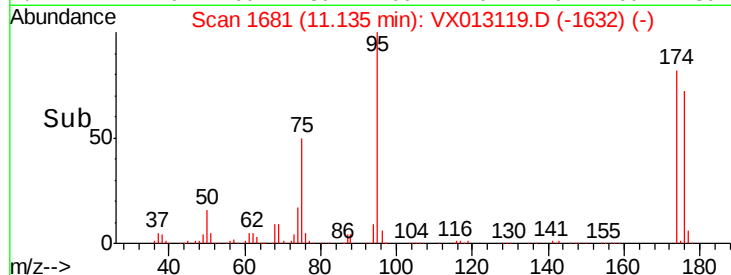
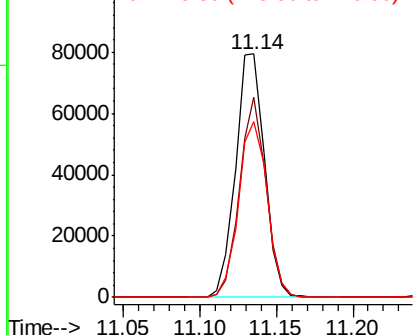
#62
4-Bromofluorobenzene
Concen: 48.666 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX013119.D
Acq: 17 Oct 2019 19:51

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW0301CMS

Tot Ion: 95 Resp: 104217
Ion Ratio Lower Upper
95 100
174 75.3 0.0 143.4
176 71.4 0.0 136.0

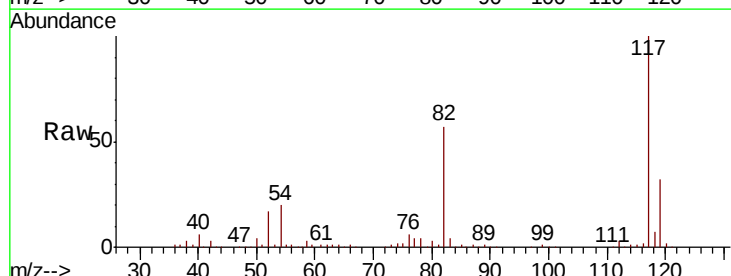


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

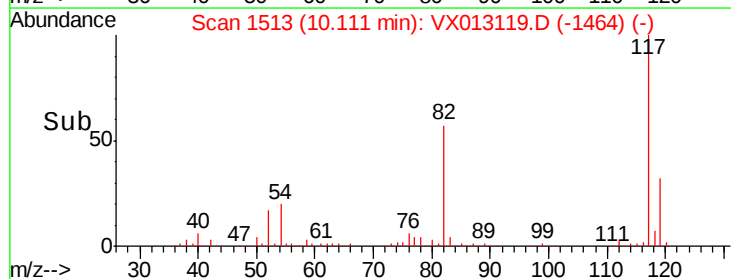
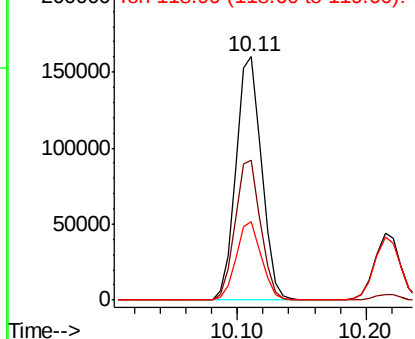


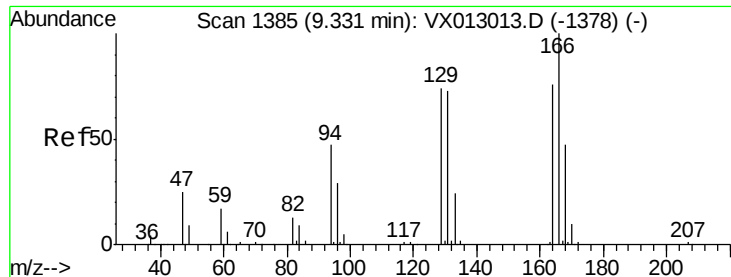
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013119.D
Acq: 17 Oct 2019 19:51

Tgt Ion: 117 Resp: 222296
Ion Ratio Lower Upper
117 100
82 57.5 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

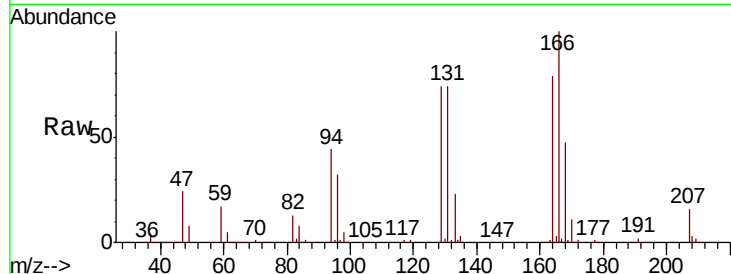




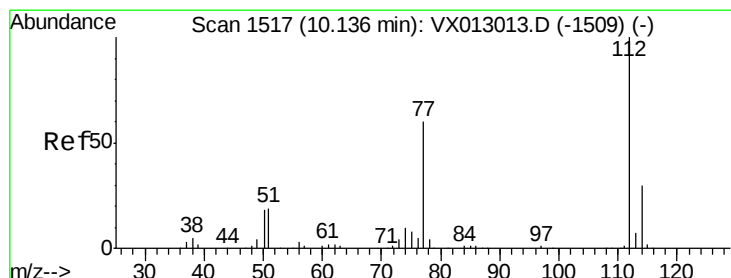
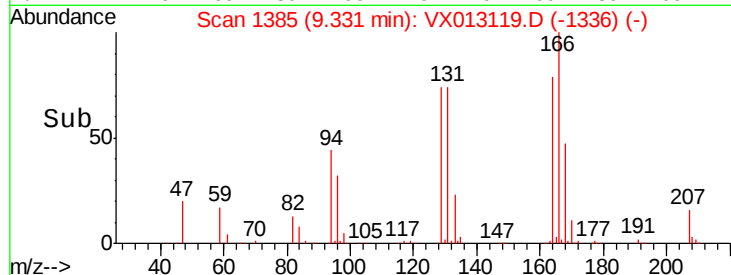
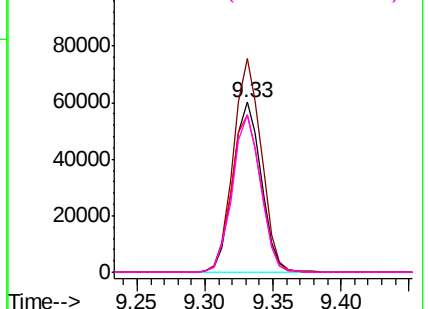
#64
Tetrachloroethene
Concen: 56.792 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013119.D
Acq: 17 Oct 2019 19:51

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW0301CMS

Tot Ion:164 Resp: 87565
Ion Ratio Lower Upper
164 100
166 125.8 96.9 145.3
129 92.9 77.9 116.9
131 92.6 72.7 109.1

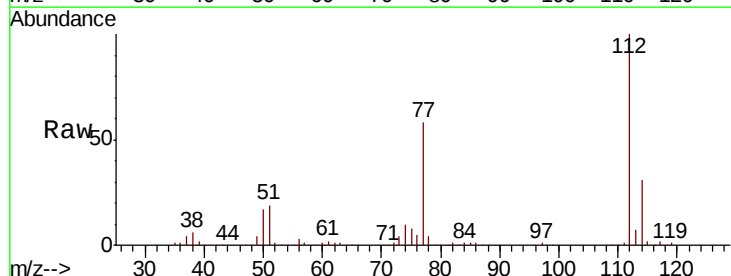


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

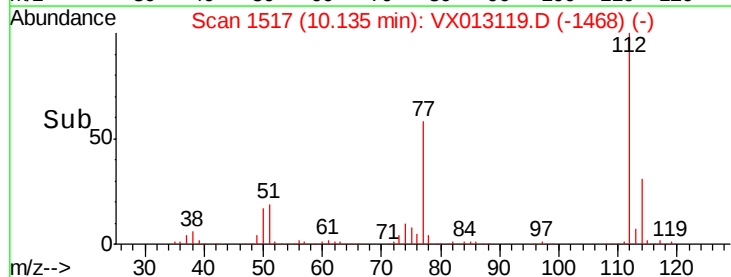
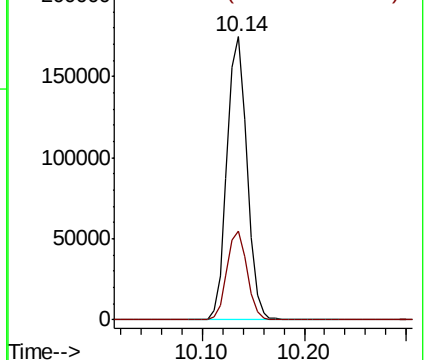


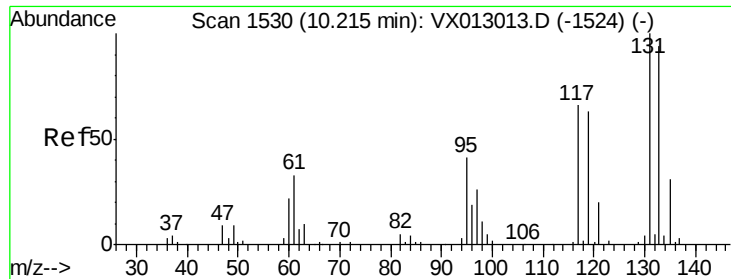
#65
Chlorobenzene
Concen: 53.913 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX013119.D
Acq: 17 Oct 2019 19:51

Tgt Ion:112 Resp: 237996
Ion Ratio Lower Upper
112 100
114 31.2 25.7 38.5



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

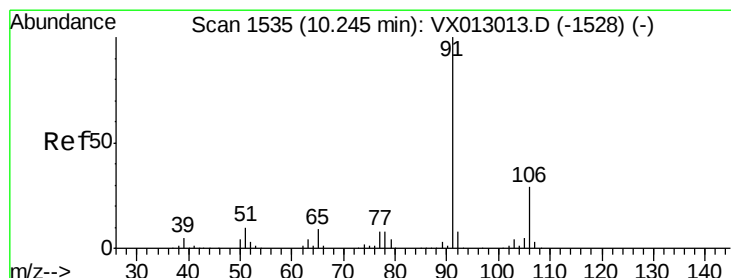
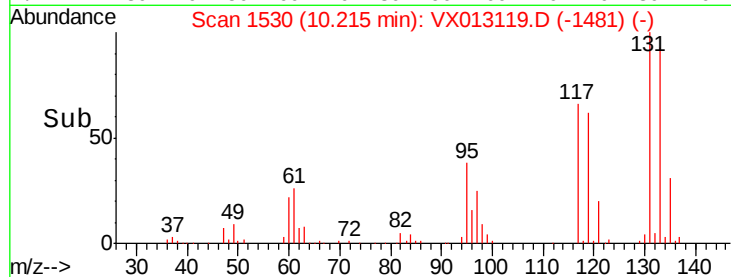
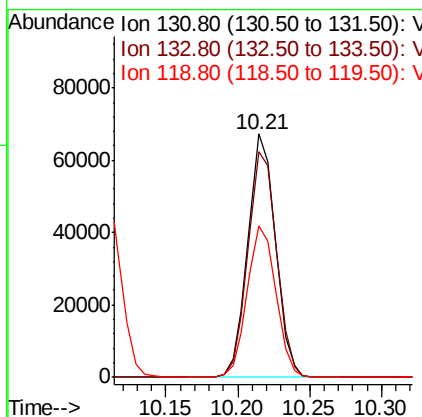
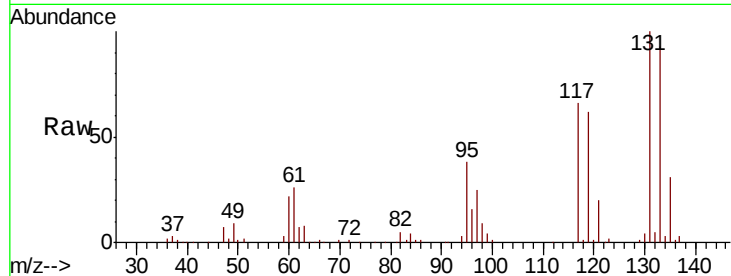




#66
 1,1,1,2-Tetrachloroethane
 Concen: 58.181 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VX013119.D
 Acq: 17 Oct 2019 19:51

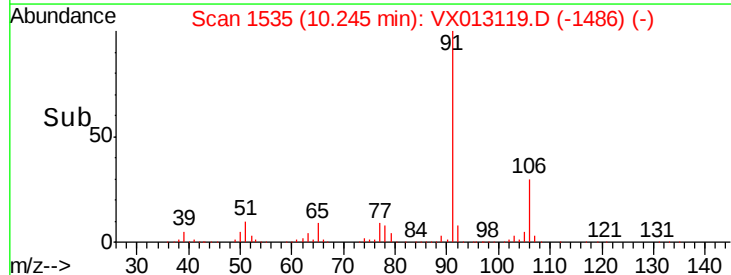
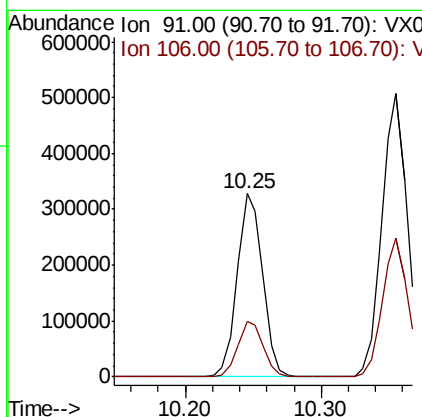
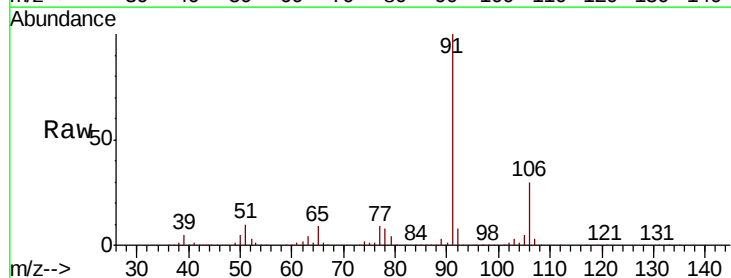
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW0301CMS

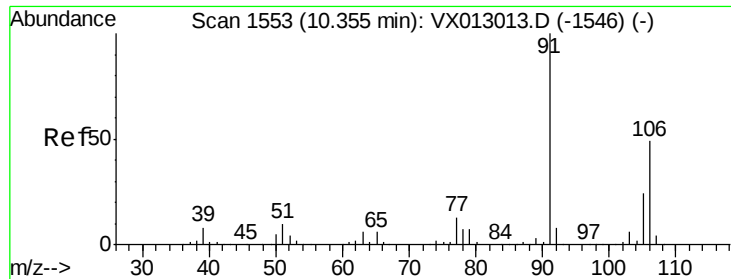
Tot Ion:131 Resp: 89052
 Ion Ratio Lower Upper
 131 100
 133 96.2 47.2 141.6
 119 64.6 32.6 98.0



#67
 Ethyl Benzene
 Concen: 54.304 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VX013119.D
 Acq: 17 Oct 2019 19:51

Tgt Ion: 91 Resp: 425816
 Ion Ratio Lower Upper
 91 100
 106 30.3 23.9 35.9

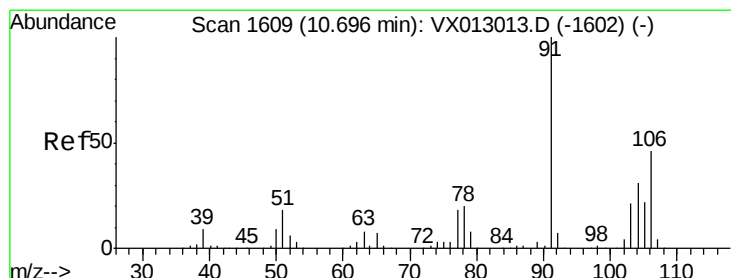
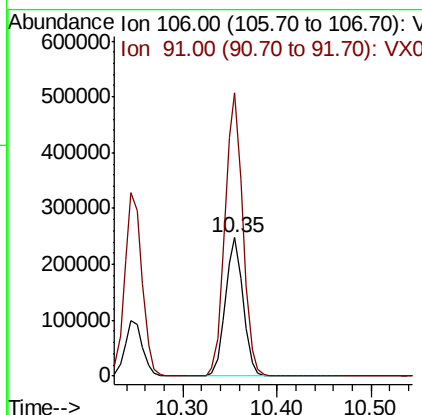
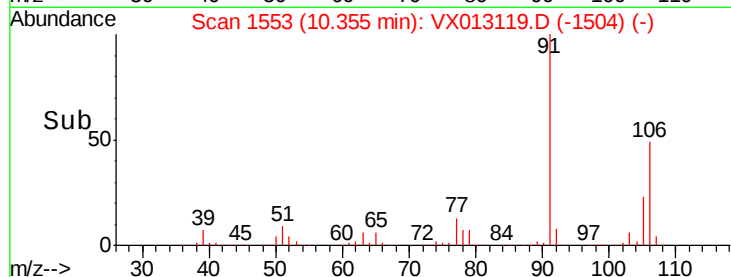
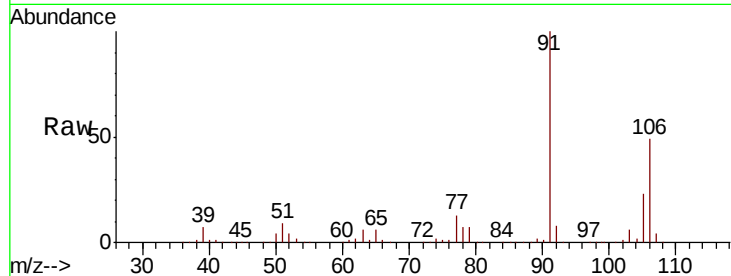




#68
m/p-Xylenes
Concen: 110.293 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX013119.D
Acq: 17 Oct 2019 19:51

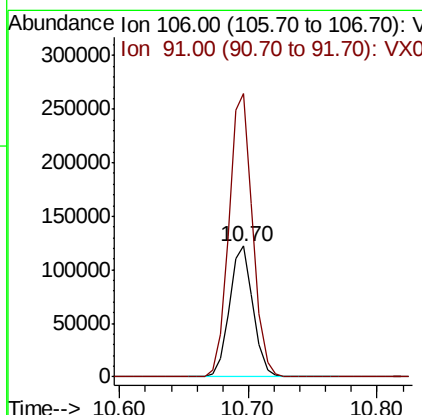
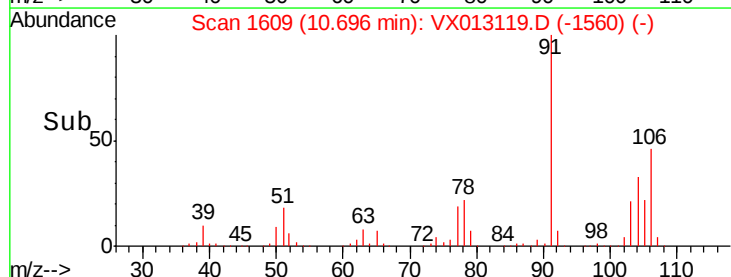
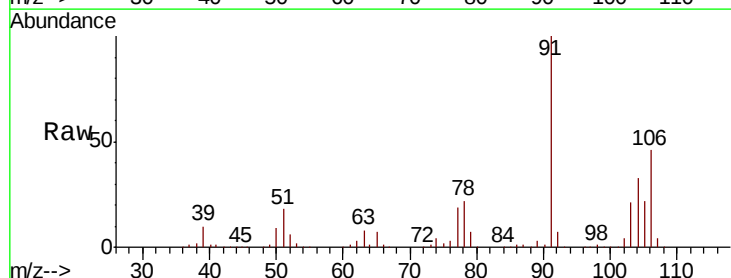
Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW0301CMS

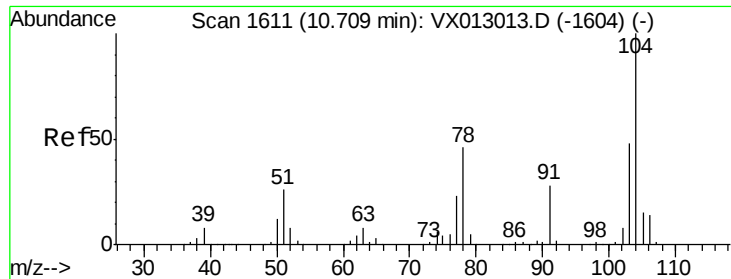
Tot Ion:106 Resp: 323089
Ion Ratio Lower Upper
106 100
91 205.4 165.3 247.9



#69
o-Xylene
Concen: 54.604 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013119.D
Acq: 17 Oct 2019 19:51

Tgt Ion:106 Resp: 155984
Ion Ratio Lower Upper
106 100
91 218.2 109.1 327.3

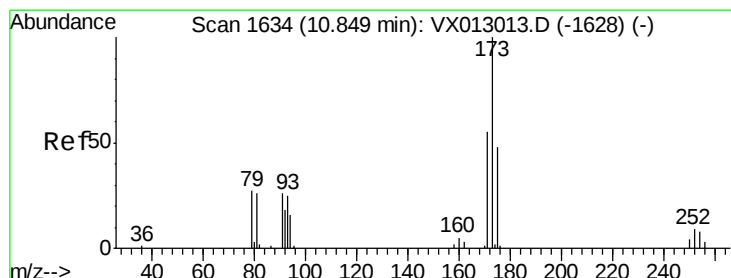
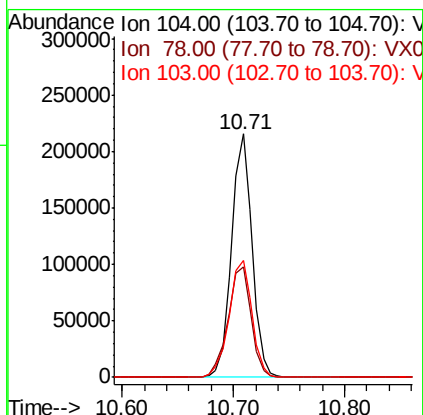
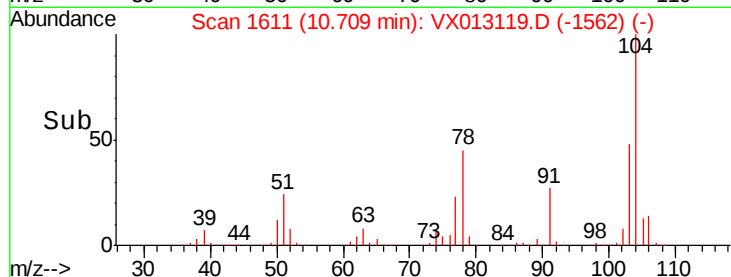
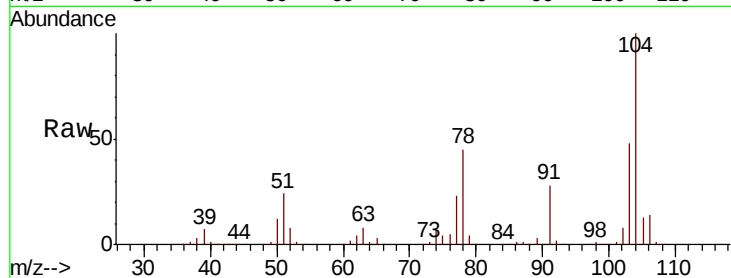




#70
Stvrene
Concen: 56.453 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013119.D
Acq: 17 Oct 2019 19:51

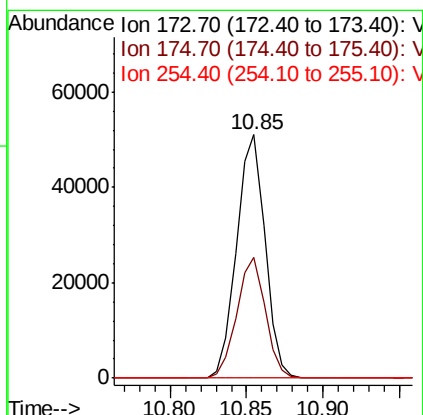
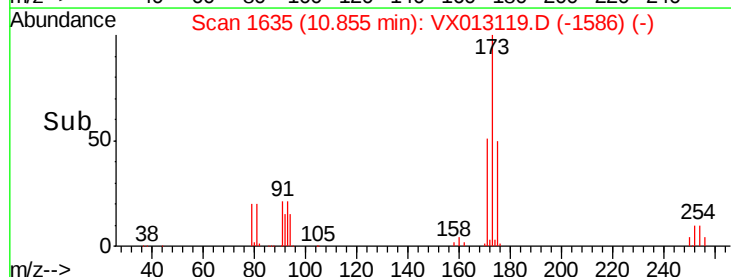
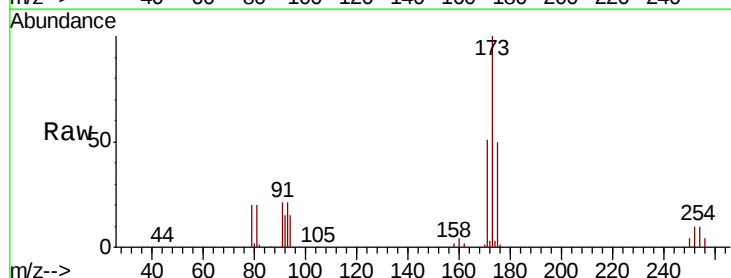
Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW0301CMS

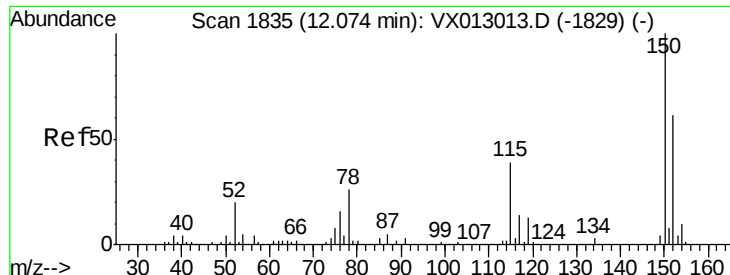
Tot Ion:104 Resp: 274155
Ion Ratio Lower Upper
104 100
78 51.6 41.2 61.8
103 53.3 43.0 64.4



#71
Bromoform
Concen: 50.502 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX013119.D
Acq: 17 Oct 2019 19:51

Tgt Ion:173 Resp: 65893
Ion Ratio Lower Upper
173 100
175 49.3 24.1 72.3
254 0.1 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: VX013119.D

Acq: 17 Oct 2019 19:51

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW0301CMS

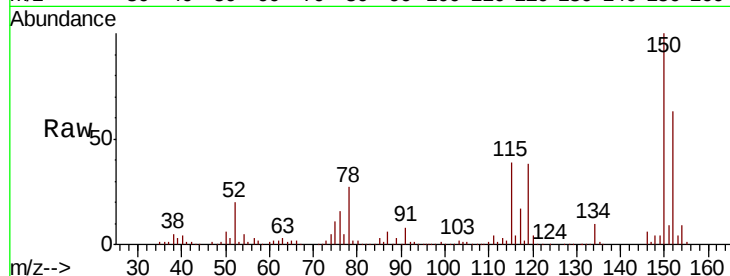
Tot Ion:152 Resp: 106877

Ion Ratio Lower Upper

152 100

115 85.4 44.5 133.5

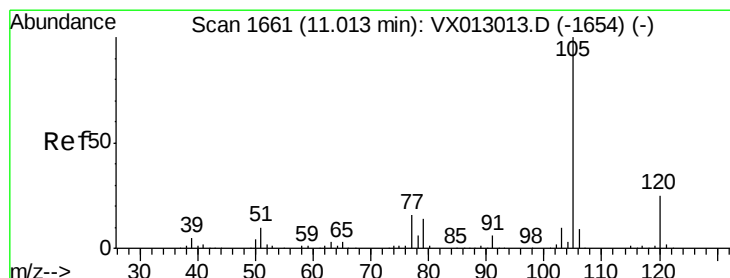
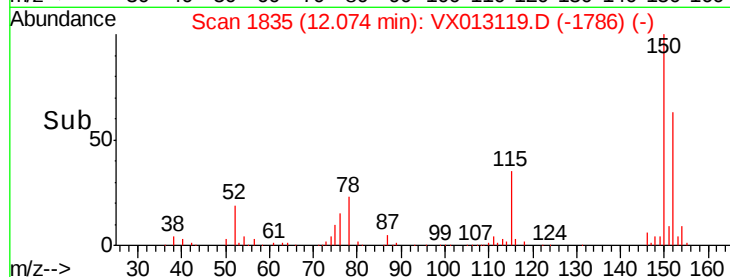
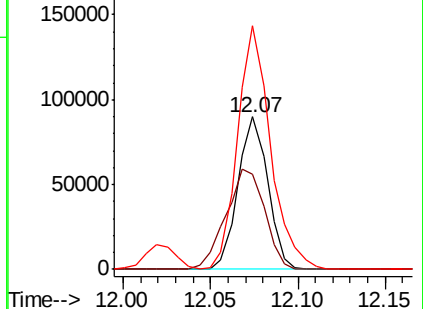
150 176.1 0.0 353.4



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: 53.590 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013119.D

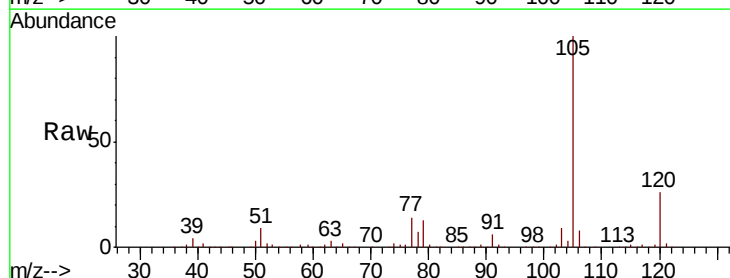
Acq: 17 Oct 2019 19:51

Tgt Ion:105 Resp: 421103

Ion Ratio Lower Upper

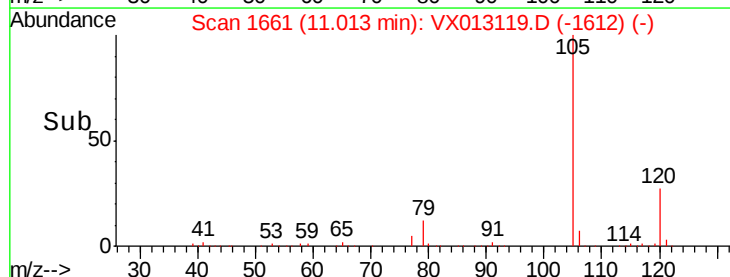
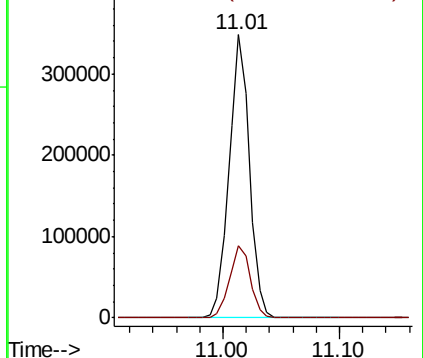
105 100

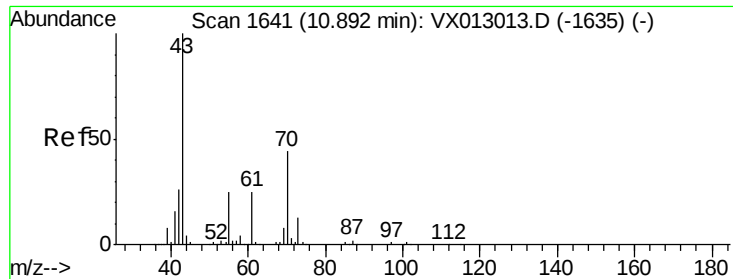
120 26.2 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 48.684 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013119.D

Acq: 17 Oct 2019 19:51

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW0301CMS

Tot Ion: 43 Resp: 164757

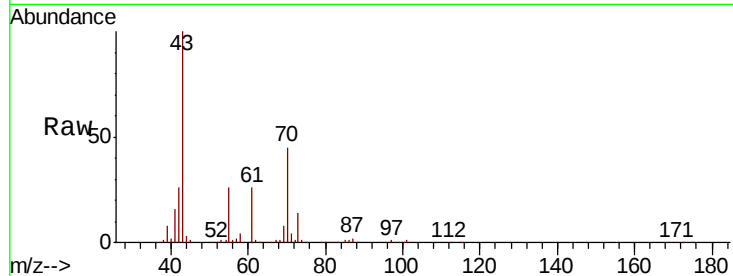
Ion Ratio Lower Upper

43 100

70 46.7 36.4 54.6

55 26.4 20.2 30.2

61 26.2 20.5 30.7

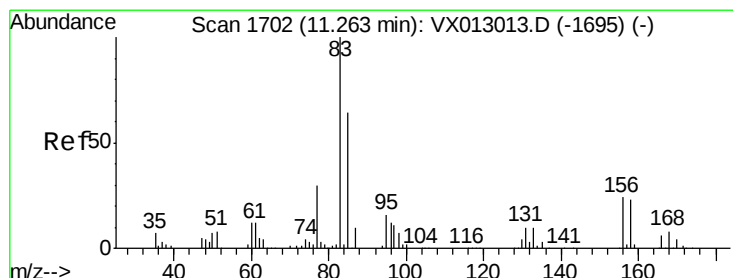
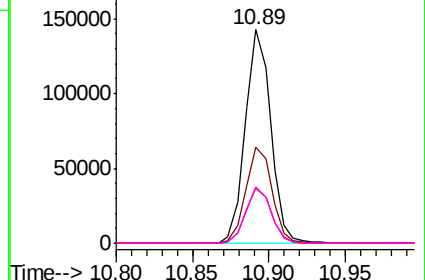
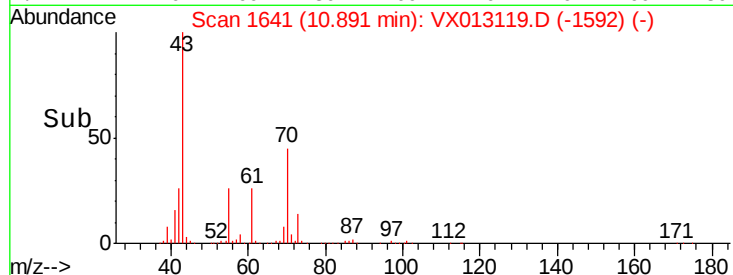


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 52.158 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013119.D

Acq: 17 Oct 2019 19:51

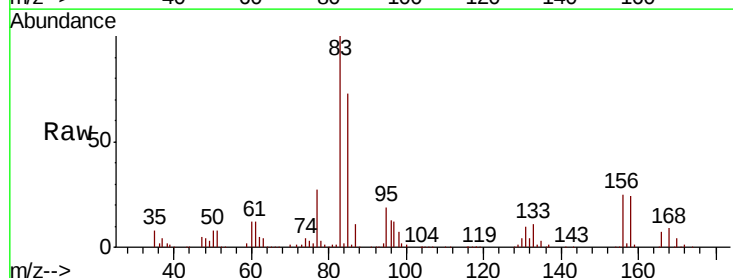
Tgt Ion: 83 Resp: 136316

Ion Ratio Lower Upper

83 100

131 10.4 5.1 15.3

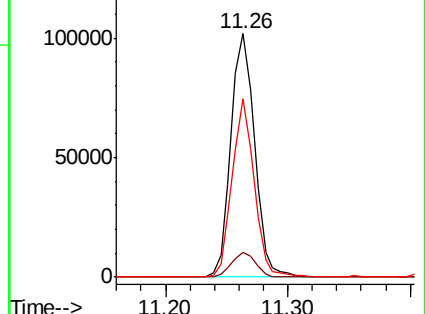
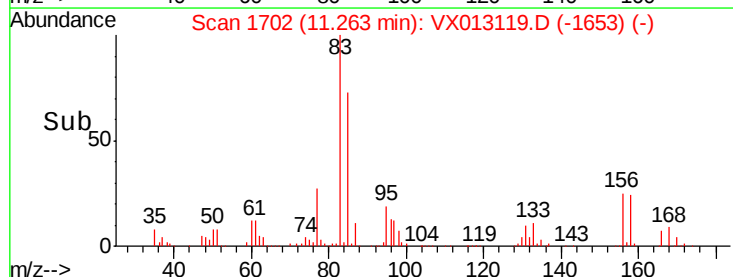
85 68.0 32.1 96.5

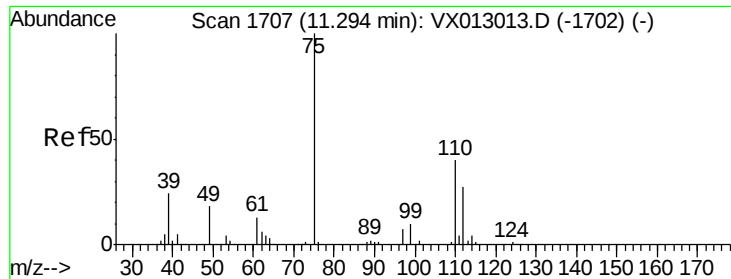


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 67.871 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX013119.D

Acq: 17 Oct 2019 19:51

Instrument :

MSVOA_X

ClientSampleId :

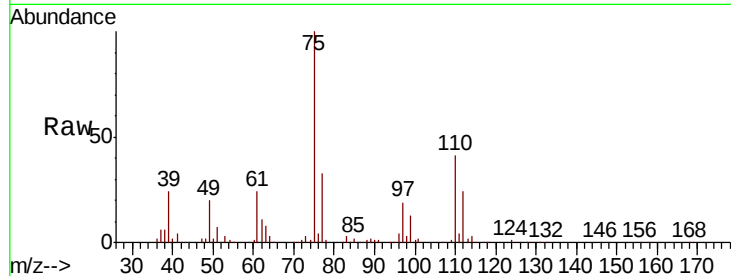
FA19-JMW0301CMS

Tot Ion: 75 Resp: 160890

Ion Ratio Lower Upper

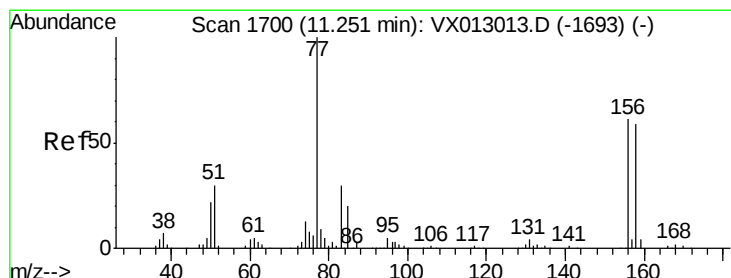
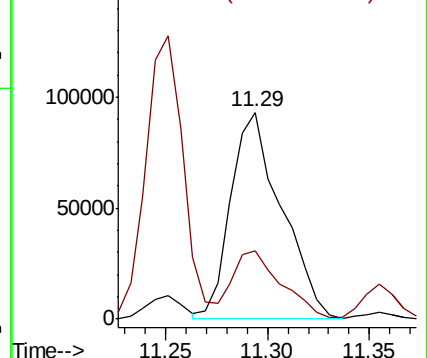
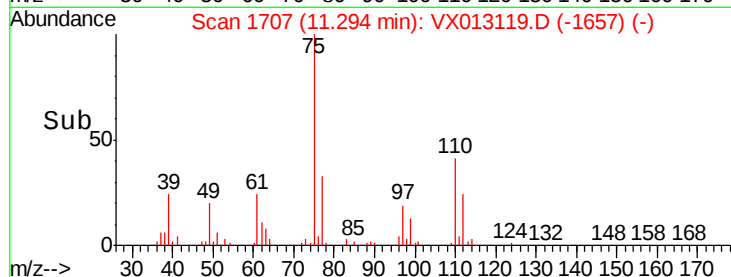
75 100

77 31.3 22.9 68.8



Abundance Ion 74.90 (74.60 to 75.60): VX013119.D (-1657) (-)

Ion 77.00 (76.70 to 77.70): VX013119.D (-1657) (-)



#77

Bromobenzene

Concen: 54.563 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013119.D

Acq: 17 Oct 2019 19:51

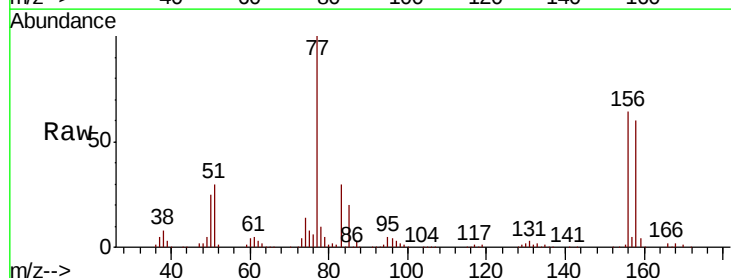
Tgt Ion: 156 Resp: 101033

Ion Ratio Lower Upper

156 100

77 161.7 83.7 251.0

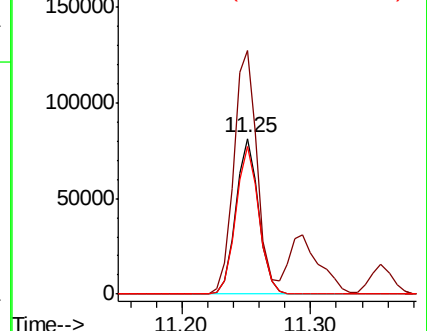
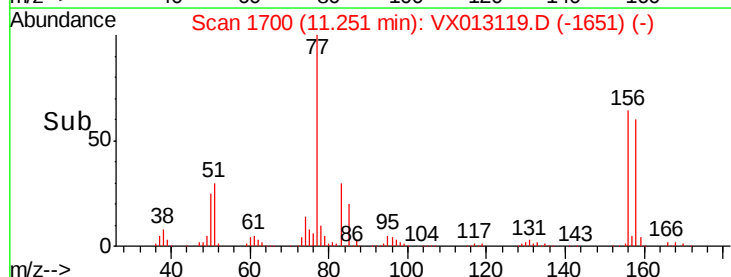
158 95.9 48.6 145.9

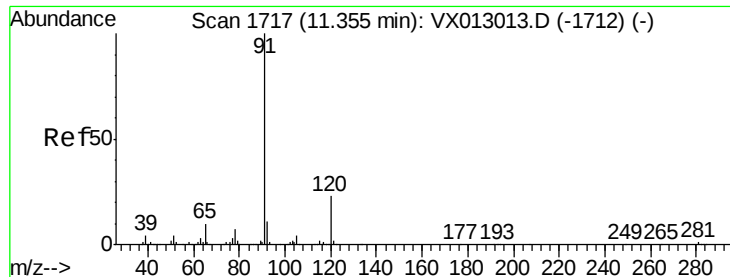


Abundance Ion 155.80 (155.50 to 156.50): VX013119.D (-1651) (-)

Ion 77.00 (76.70 to 77.70): VX013119.D (-1651) (-)

Ion 157.80 (157.50 to 158.50): VX013119.D (-1651) (-)





#78

n-propylbenzene

Concen: 52.621 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013119.D

Acq: 17 Oct 2019 19:51

Instrument :

MSVOA_X

ClientSampleId :

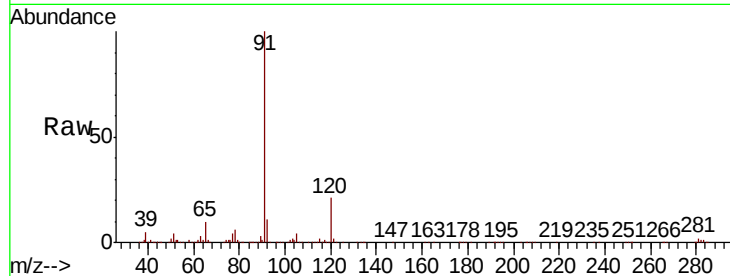
FA19-JMW0301CMS

Tot Ion: 91 Resp: 454987

Ion Ratio Lower Upper

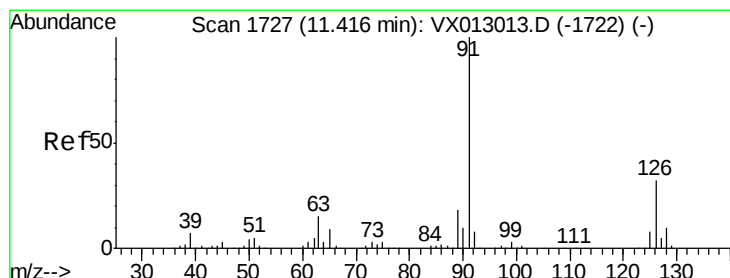
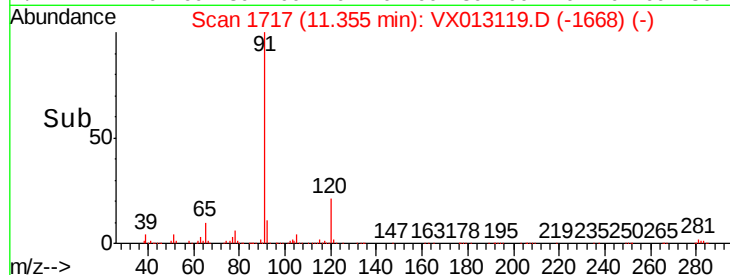
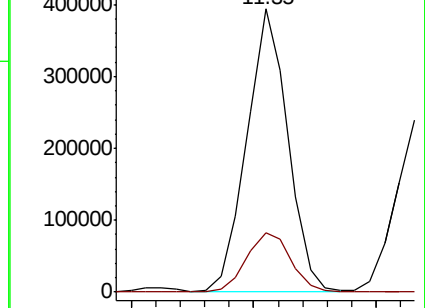
91 100

120 23.0 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 52.200 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013119.D

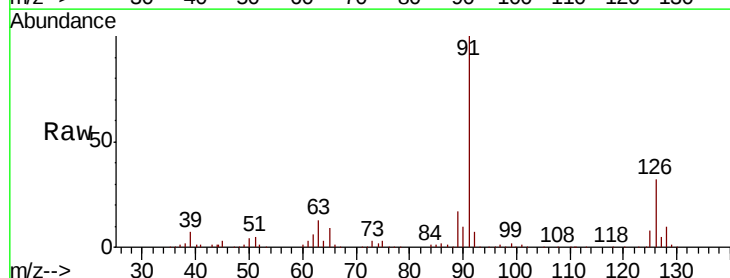
Acq: 17 Oct 2019 19:51

Tgt Ion: 91 Resp: 283658

Ion Ratio Lower Upper

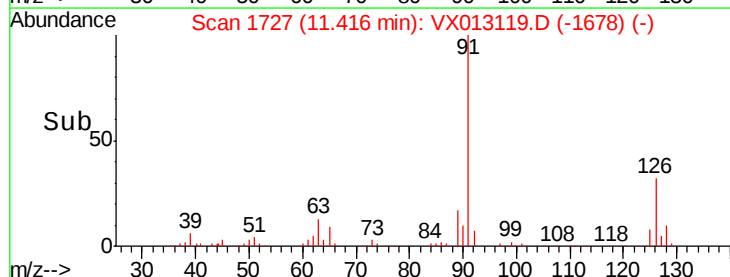
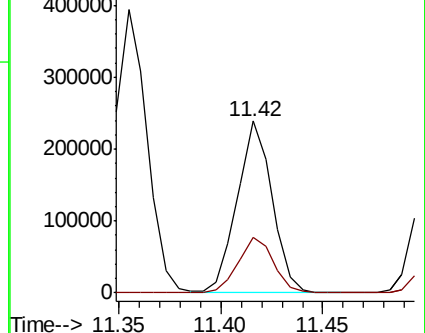
91 100

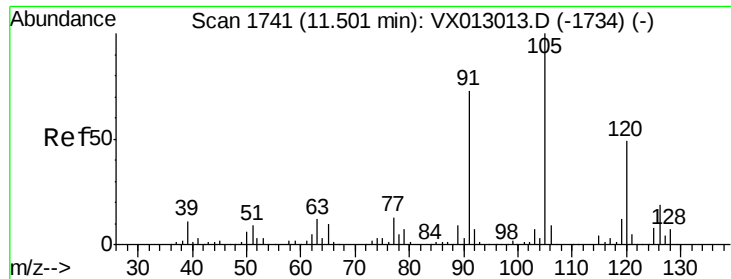
126 32.8 16.3 48.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

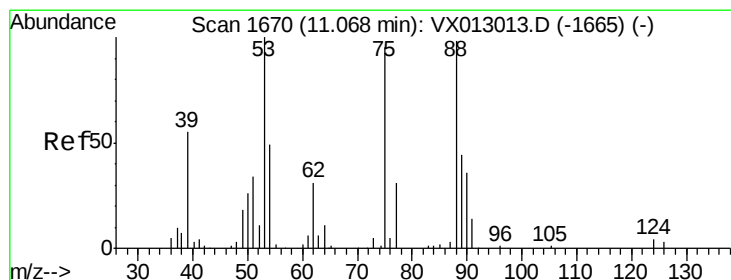
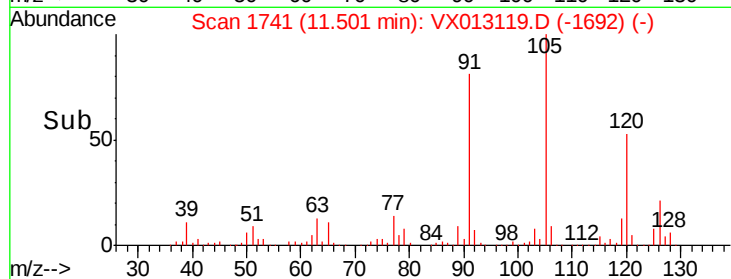
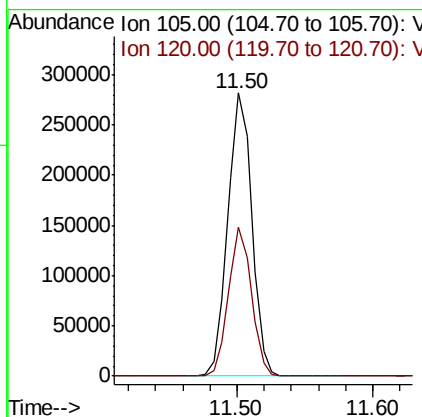
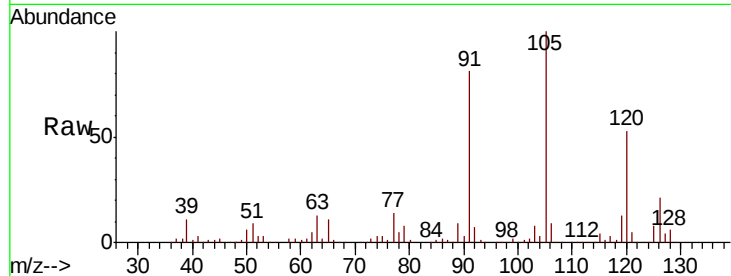




#80
 1,3,5-Trimethylbenzene
 Concen: 52.695 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX013119.D
 Acq: 17 Oct 2019 19:51

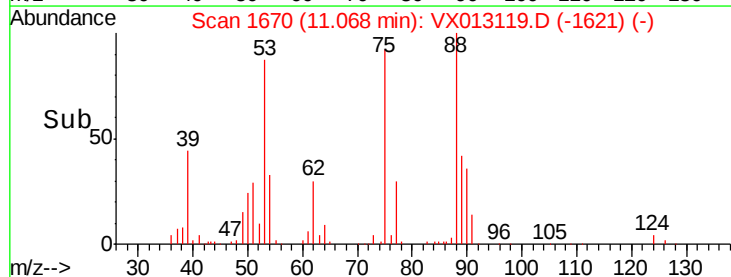
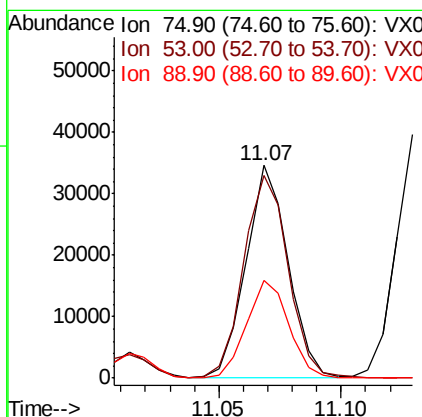
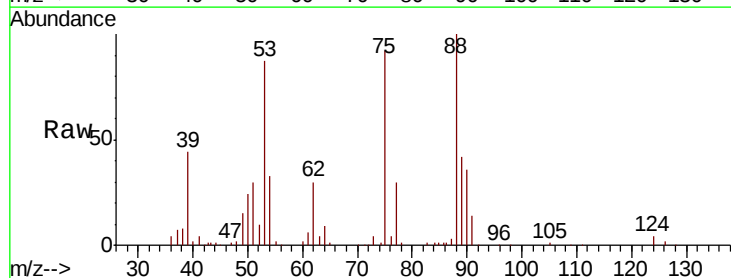
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW0301CMS

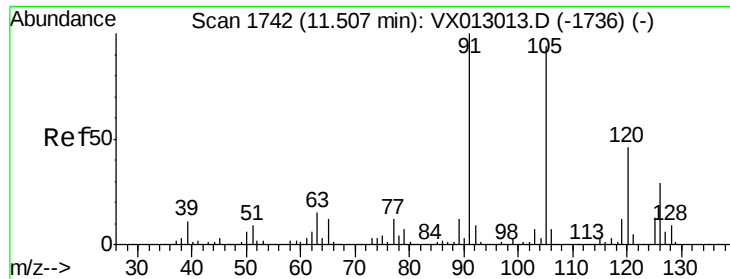
Tot Ion:105 Resp: 345750
 Ion Ratio Lower Upper
 105 100
 120 50.4 24.8 74.3



#81
 trans-1,4-Dichloro-2-butene
 Concen: 45.166 ug/l
 RT: 11.07 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: VX013119.D
 Acq: 17 Oct 2019 19:51

Tgt Ion: 75 Resp: 41240
 Ion Ratio Lower Upper
 75 100
 53 100.6 78.5 117.7
 89 46.5 37.4 56.2

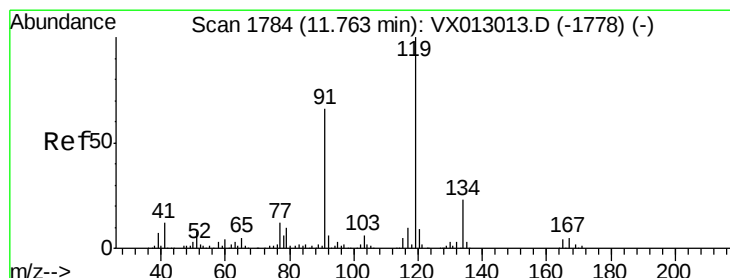
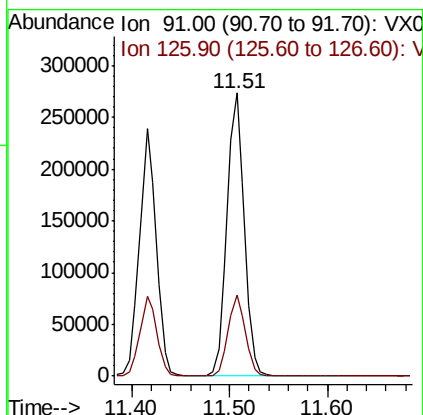
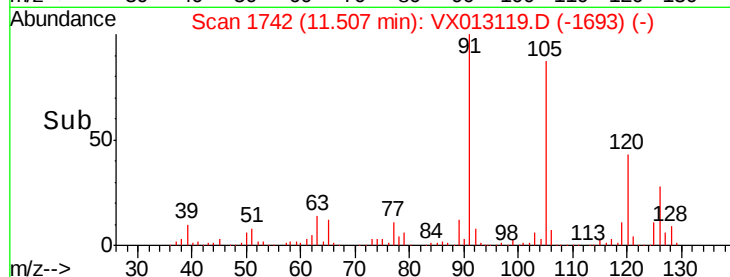
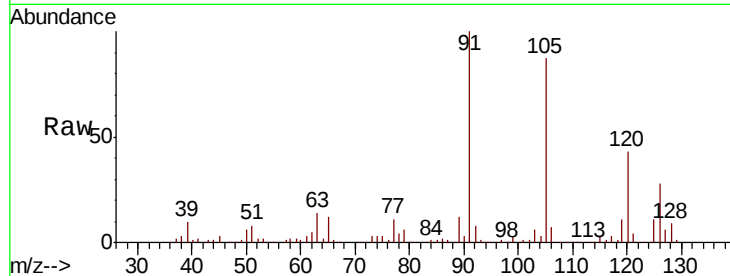




#82
4-Chlorotoluene
Concen: 54.010 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX013119.D
Acq: 17 Oct 2019 19:51

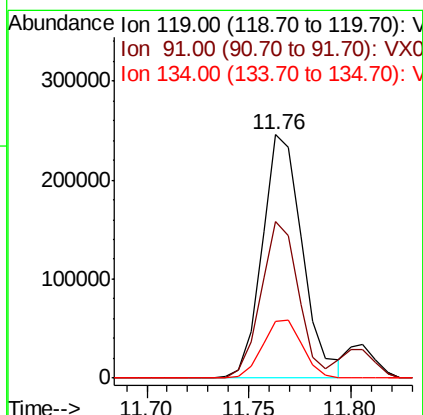
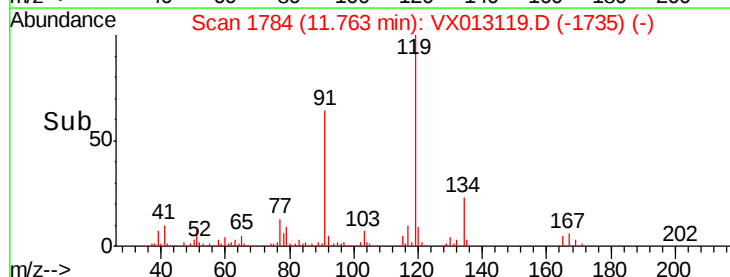
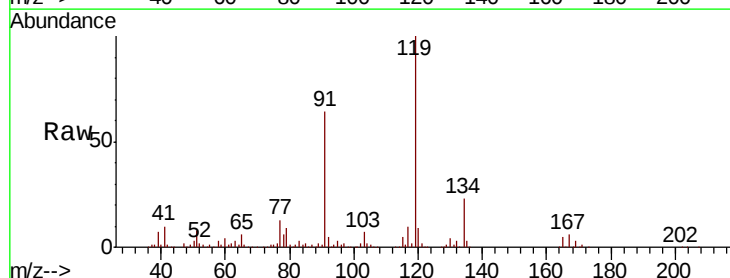
Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW0301CMS

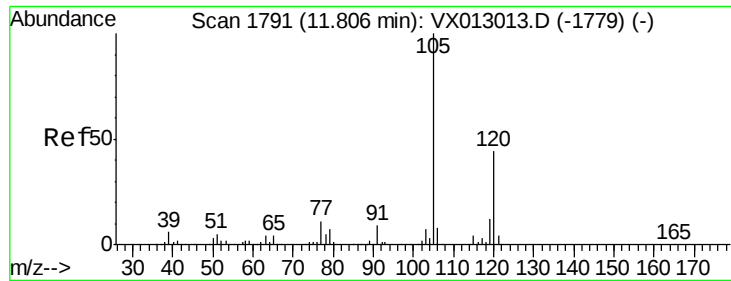
Tot Ion: 91 Resp: 336398
Ion Ratio Lower Upper
91 100
126 28.4 14.2 42.6



#83
tert-Butylbenzene
Concen: 52.644 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX013119.D
Acq: 17 Oct 2019 19:51

Tgt Ion: 119 Resp: 336945
Ion Ratio Lower Upper
119 100
91 60.0 29.3 87.9
134 23.5 11.5 34.4

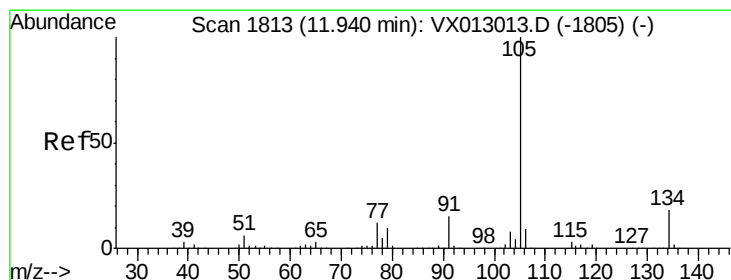
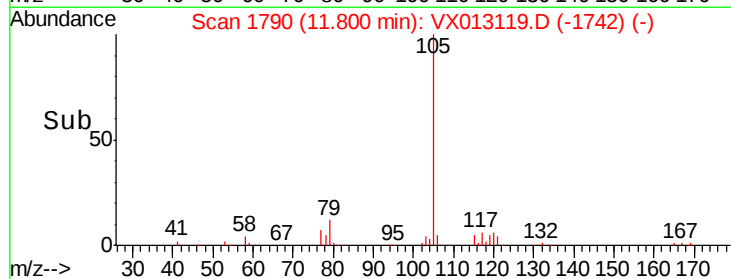
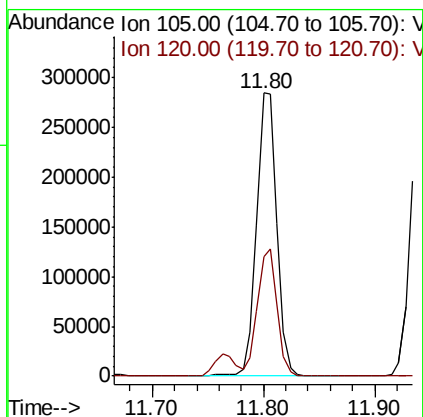
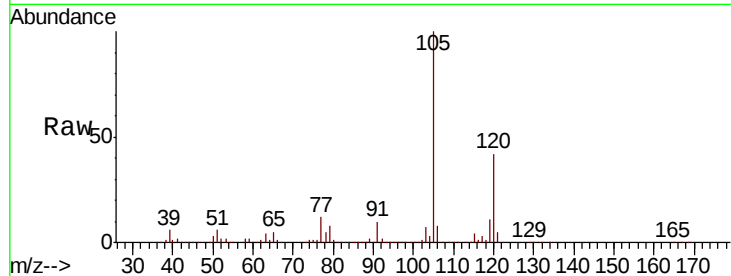




#84
 1,2,4-Trimethylbenzene
 Concen: 54.315 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX013119.D
 Acq: 17 Oct 2019 19:51

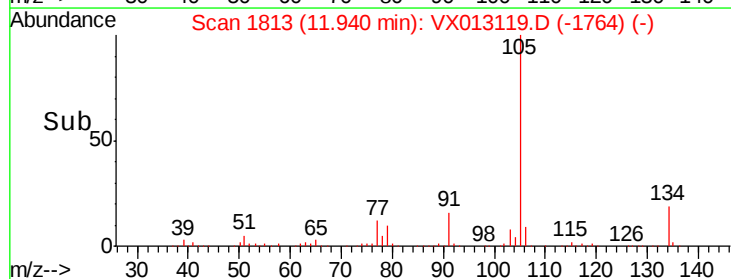
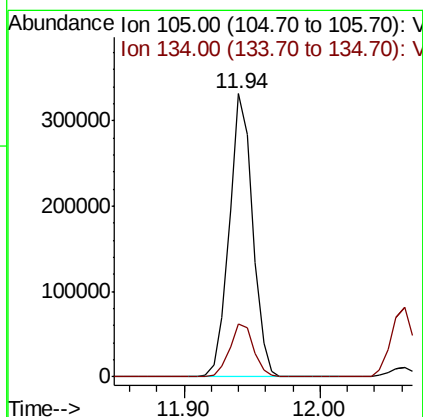
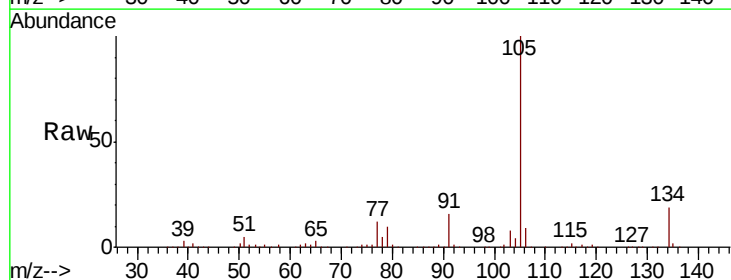
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW0301CMS

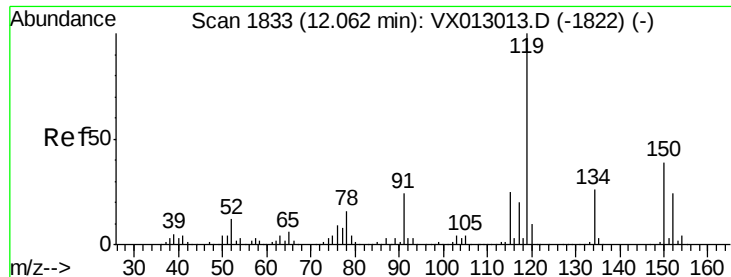
Tot Ion:105 Resp: 360930
 Ion Ratio Lower Upper
 105 100
 120 43.5 21.8 65.3



#85
 sec-Butylbenzene
 Concen: 53.188 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX013119.D
 Acq: 17 Oct 2019 19:51

Tgt Ion:105 Resp: 394401
 Ion Ratio Lower Upper
 105 100
 134 19.3 10.0 30.0





#86

p-Isopropyltoluene

Concen: 52.970 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX013119.D

Acq: 17 Oct 2019 19:51

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW0301CMS

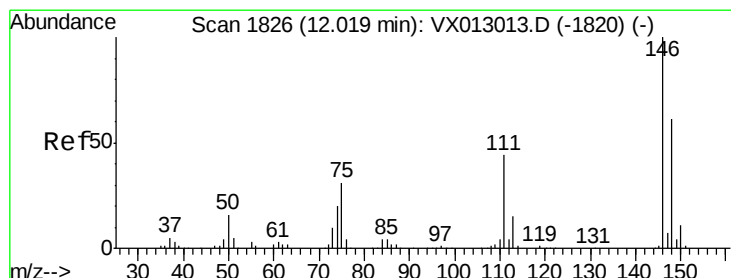
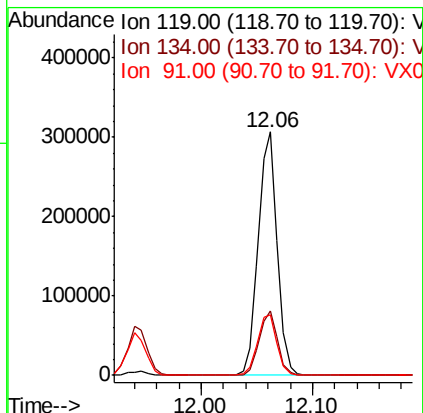
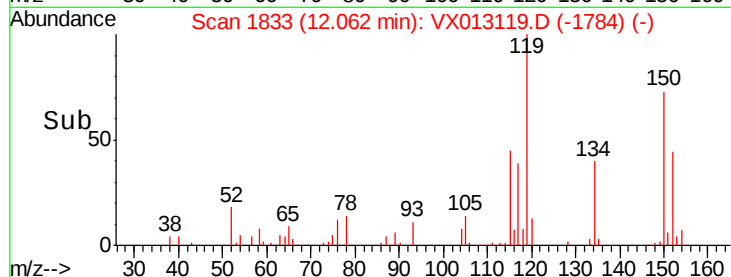
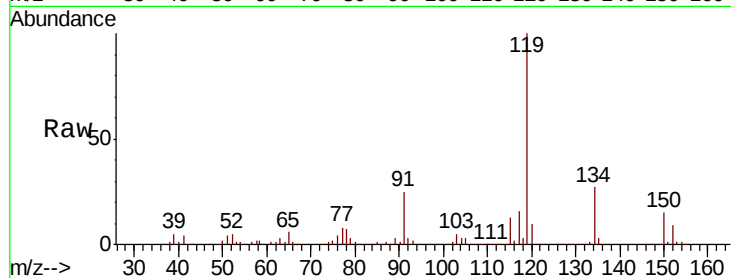
Tot Ion:119 Resp: 364286

Ion Ratio Lower Upper

119 100

134 25.8 12.6 37.8

91 25.3 12.4 37.4



#87

1,3-Dichlorobenzene

Concen: 53.617 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX013119.D

Acq: 17 Oct 2019 19:51

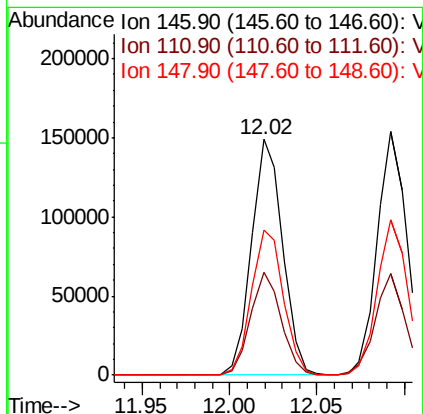
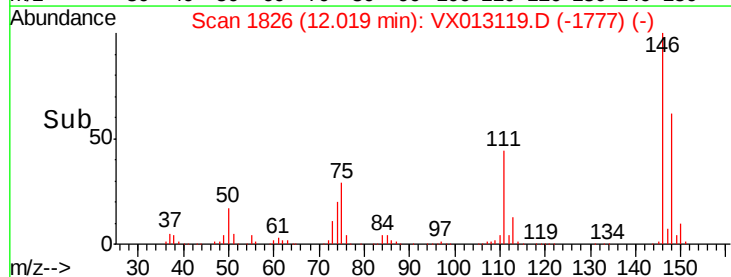
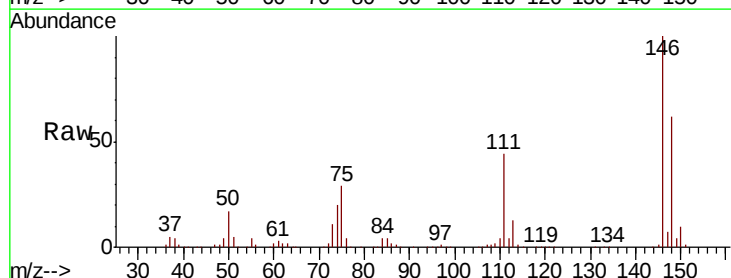
Tgt Ion:146 Resp: 184366

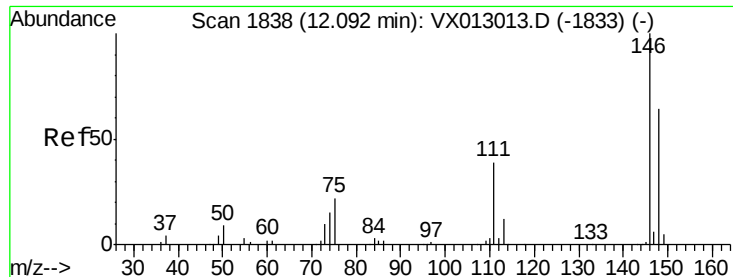
Ion Ratio Lower Upper

146 100

111 42.9 21.1 63.4

148 63.1 31.6 95.0

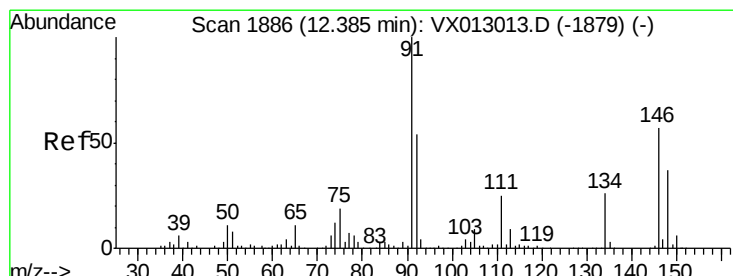
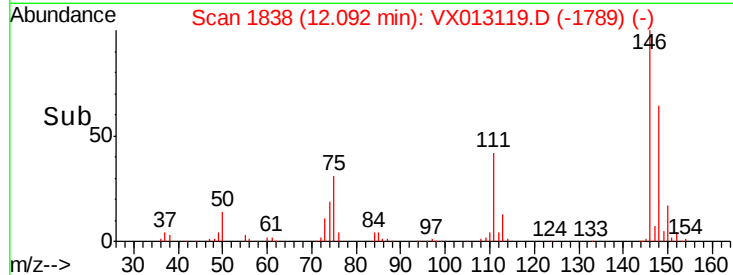
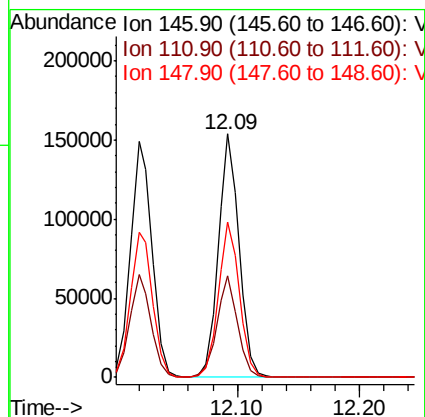
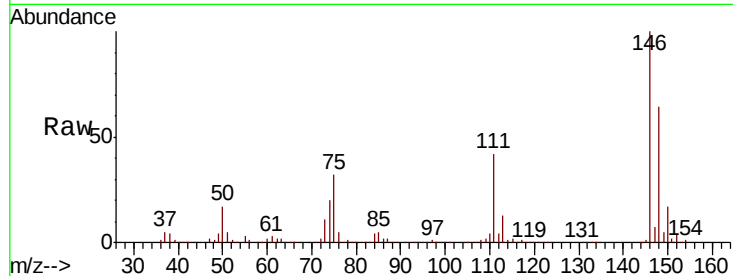




#88
 1,4-Dichlorobenzene
 Concen: 52.349 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013119.D
 Acq: 17 Oct 2019 19:51

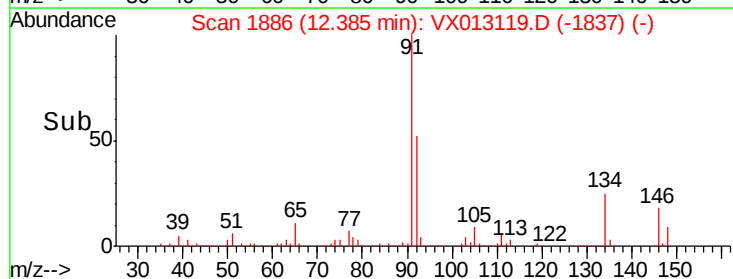
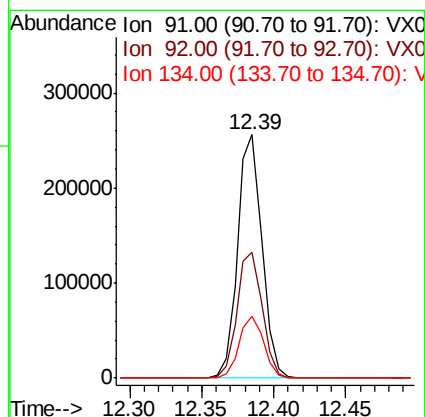
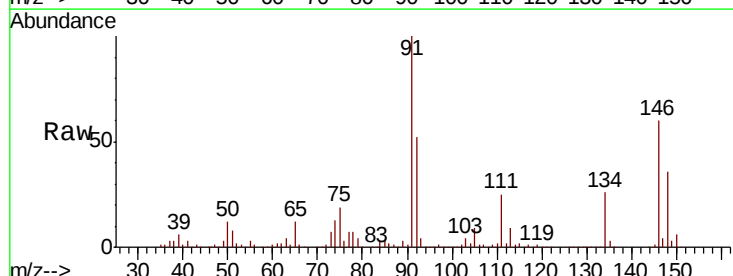
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW0301CMS

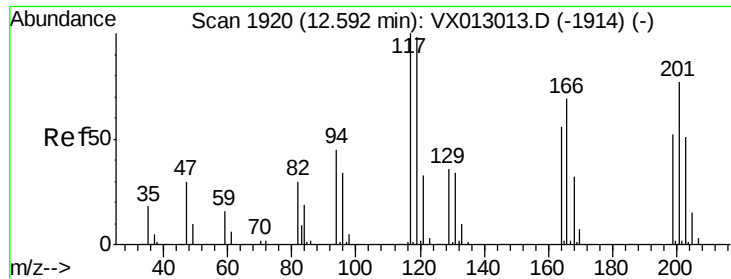
Tot Ion:146 Resp: 182304
 Ion Ratio Lower Upper
 146 100
 111 41.6 21.4 64.3
 148 64.6 32.1 96.5



#89
 n-Butylbenzene
 Concen: 52.264 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013119.D
 Acq: 17 Oct 2019 19:51

Tgt Ion: 91 Resp: 302085
 Ion Ratio Lower Upper
 91 100
 92 53.6 27.5 82.5
 134 25.5 12.9 38.7





#90

Hexachloroethane

Concen: 49.846 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX013119.D

Acq: 17 Oct 2019 19:51

Instrument :

MSVOA_X

ClientSampleId :

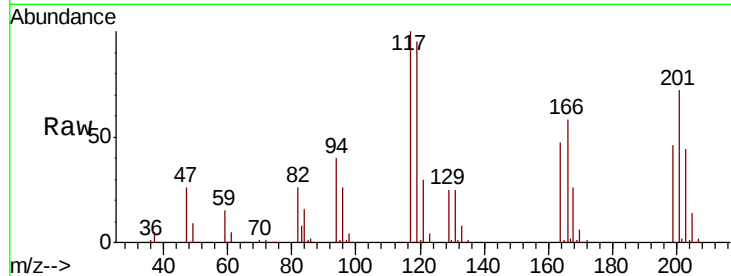
FA19-JMW0301CMS

Tot Ion:117 Resp: 63482

Ion Ratio Lower Upper

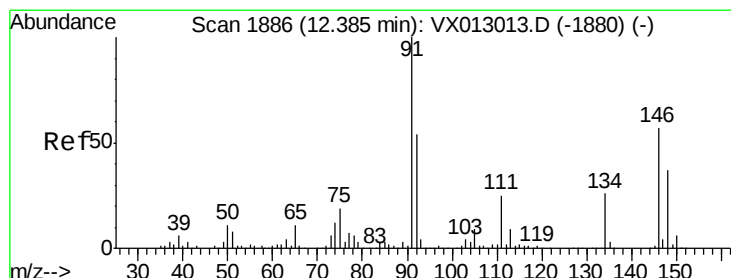
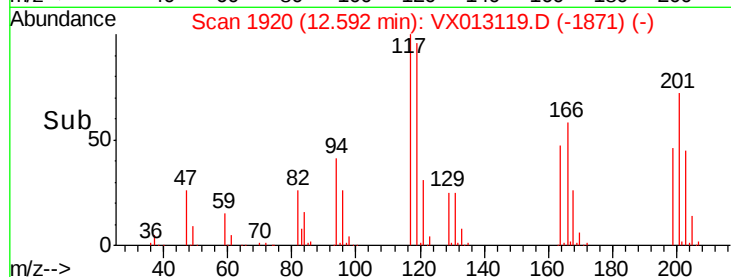
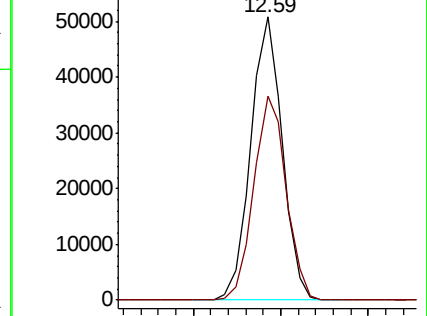
117 100

201 74.2 36.9 110.7



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 54.912 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013119.D

Acq: 17 Oct 2019 19:51

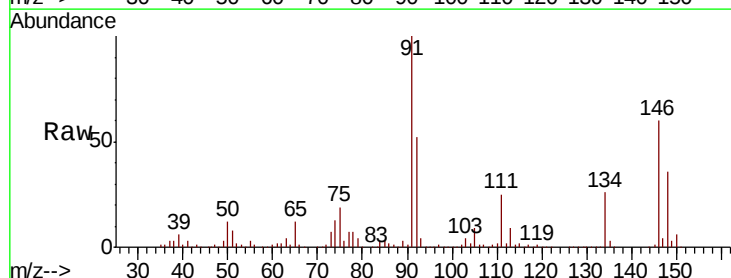
Tgt Ion:146 Resp: 185109

Ion Ratio Lower Upper

146 100

111 43.0 22.7 68.0

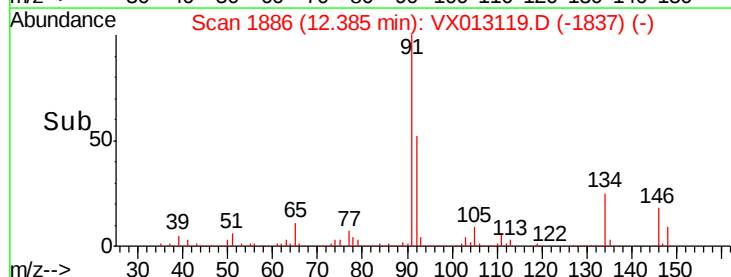
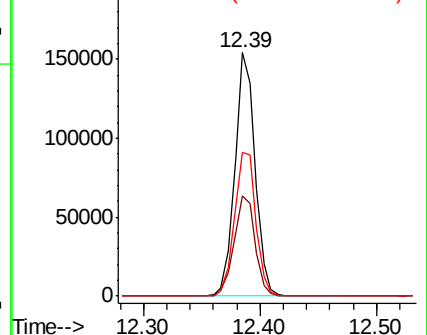
148 63.0 31.6 94.7

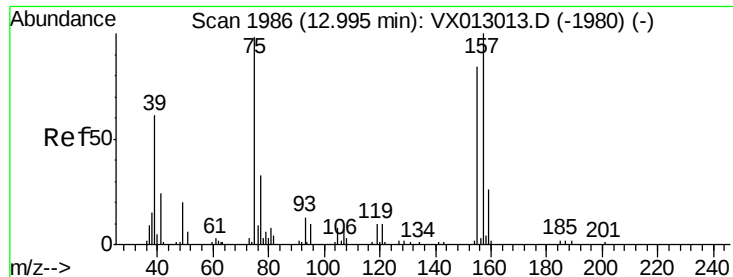


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 54.257 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VX013119.D

Acq: 17 Oct 2019 19:51

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW0301CMS

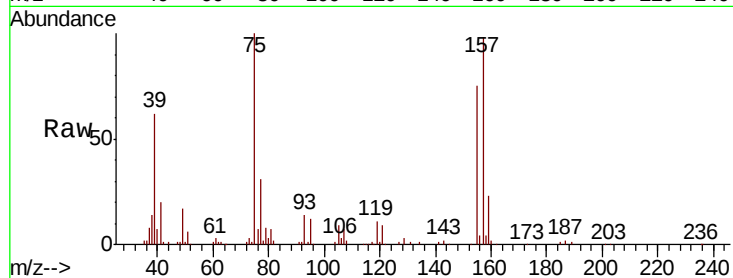
Tot Ion: 75 Resp: 33236

Ion Ratio Lower Upper

75 100

155 82.7 43.0 128.8

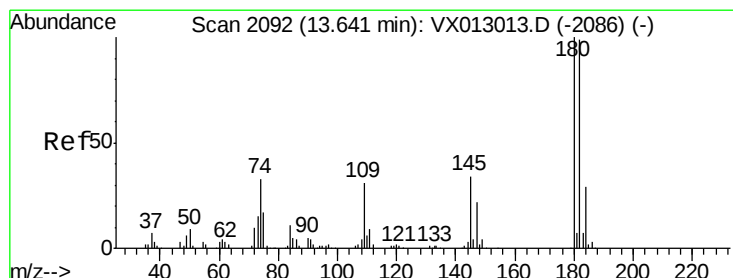
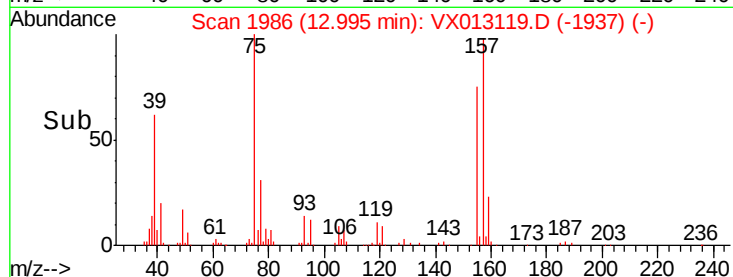
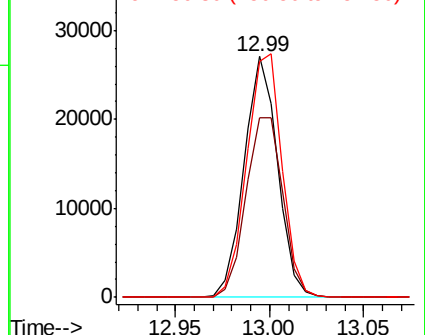
157 106.8 54.1 162.3



Abundance Ion 74.90 (74.60 to 75.60): VX013119.D (-1980) (-)

Ion 154.80 (154.50 to 155.50): VX013119.D (-1980) (-)

Ion 156.80 (156.50 to 157.50): VX013119.D (-1980) (-)



#93

1,2,4-Trichlorobenzene

Concen: 51.902 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. -0.00 min

Lab File: VX013119.D

Acq: 17 Oct 2019 19:51

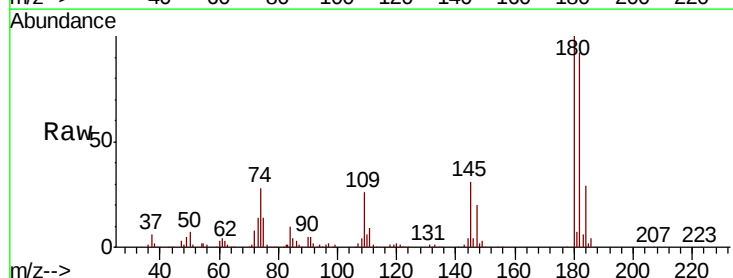
Tgt Ion: 180 Resp: 109602

Ion Ratio Lower Upper

180 100

182 95.2 46.8 140.4

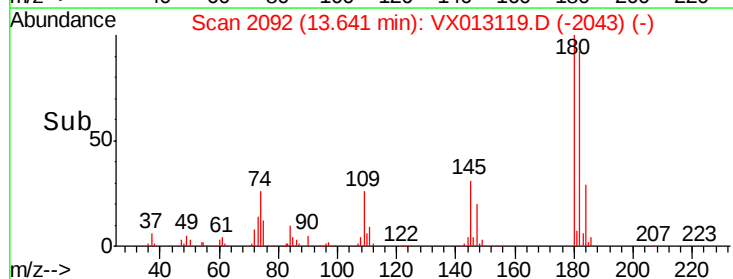
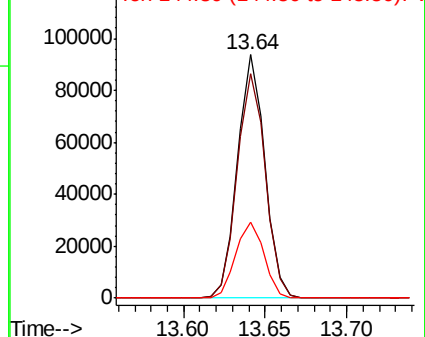
145 32.6 16.2 48.6

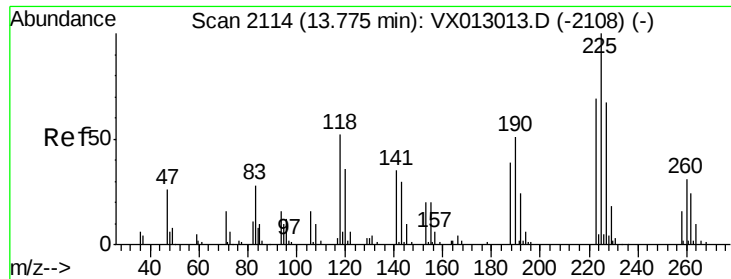


Abundance Ion 179.80 (179.50 to 180.50): VX013119.D (-2086) (-)

Ion 181.80 (181.50 to 182.50): VX013119.D (-2086) (-)

Ion 144.80 (144.50 to 145.50): VX013119.D (-2086) (-)





#94

Hexachlorobutadiene

Concen: 50.785 ug/l

RT: 13.78 min Scan# 2115

Delta R.T. -0.00 min

Lab File: VX013119.D

Acq: 17 Oct 2019 19:51

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW0301CMS

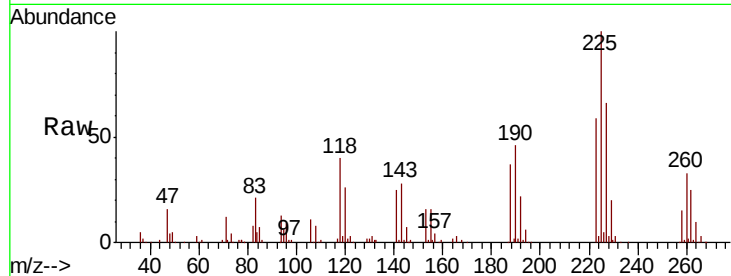
Tot Ion:225 Resp: 49493

Ion Ratio Lower Upper

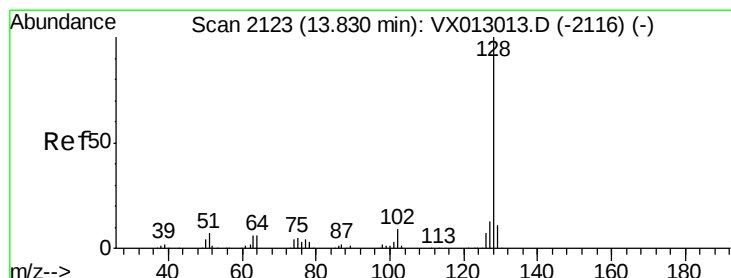
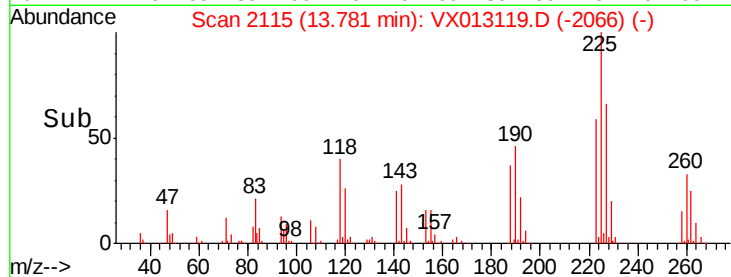
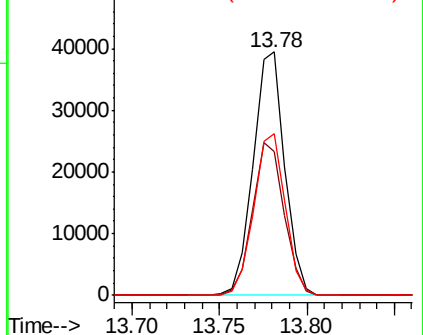
225 100

223 63.1 31.1 93.2

227 65.9 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: 49.558 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX013119.D

Acq: 17 Oct 2019 19:51

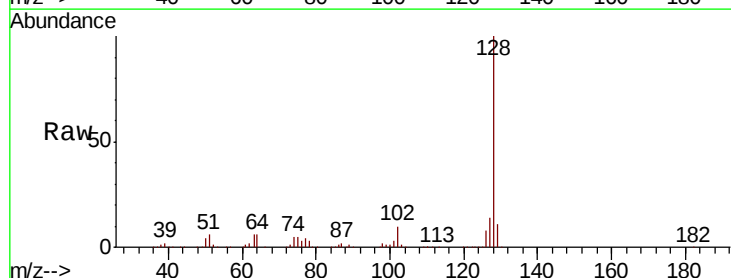
Tgt Ion:128 Resp: 362776

Ion Ratio Lower Upper

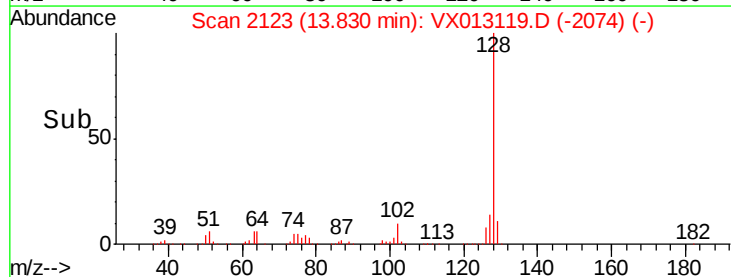
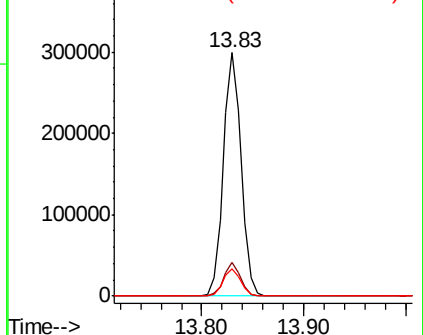
128 100

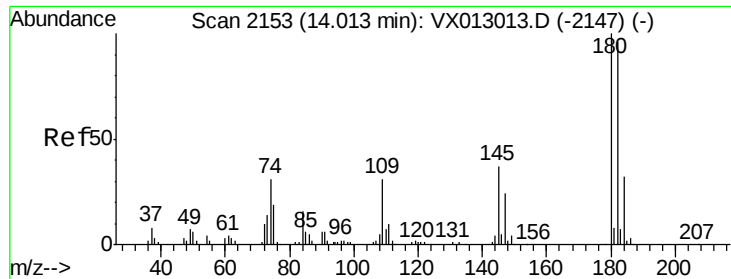
127 13.0 10.2 15.4

129 11.1 8.8 13.2



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





#96
 1,2,3-Trichlorobenzene
 Concen: 49.699 ug/l
 RT: 14.01 min Scan# 2153
 Delta R.T. -0.00 min
 Lab File: VX013119.D
 Acq: 17 Oct 2019 19:51

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW0301CMS

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.7	47.5	142.5
145	35.7	17.4	52.3

