

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101719\
 Data File : VX013120.D
 Acq On : 17 Oct 2019 20:14
 Operator : JC/SP
 Sample : K5396-07MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW0301CMSD

Quant Time: Oct 18 08:06:37 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	147631	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	242751	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	222330	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	106600	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	93238	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	
35) Dibromofluoromethane	5.49	113	75607	54.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.54%	
50) Toluene-d8	8.71	98	276652	50.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.82%	
62) 4-Bromofluorobenzene	11.14	95	109474	51.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.70%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	66358	44.097	ug/l	97
3) Chloromethane	1.32	50	70523	43.062	ug/l	97
4) Vinyl Chloride	1.40	62	74901	44.310	ug/l	98
5) Bromomethane	1.63	94	33041	47.022	ug/l	97
6) Chloroethane	1.71	64	46985	45.537	ug/l	100
7) Trichlorofluoromethane	1.92	101	117214	51.375	ug/l	98
8) Diethyl Ether	2.18	74	44766	48.610	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	73011	49.446	ug/l	99
10) Methyl Iodide	2.50	142	94537	55.852	ug/l	100
11) Tert butyl alcohol	3.04	59	113052	231.121	ug/l	99
12) 1,1-Dichloroethene	2.36	96	72194	48.391	ug/l	95
13) Acrolein	2.28	56	96775	278.397	ug/l	99
14) Allyl chloride	2.72	41	121708	45.809	ug/l	98
15) Acrylonitrile	3.13	53	230593	248.761	ug/l	99
16) Acetone	2.44	43	197924	203.499	ug/l	98
17) Carbon Disulfide	2.56	76	172948	40.656	ug/l	99
18) Methyl Acetate	2.76	43	106665	46.269	ug/l	96
19) Methyl tert-butyl Ether	3.19	73	271572	52.712	ug/l	96
20) Methylene Chloride	2.84	84	84116	47.059	ug/l	95
21) trans-1,2-Dichloroethene	3.15	96	77886	48.708	ug/l	96
22) Diisopropyl ether	3.84	45	252496	49.596	ug/l	94
23) Vinyl Acetate	3.80	43	1042043	237.102	ug/l	100
24) 1,1-Dichloroethane	3.69	63	146330	51.092	ug/l	100
25) 2-Butanone	4.66	43	308485	228.617	ug/l	99
26) 2,2-Dichloropropane	4.57	77	103648	43.036	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	102780	55.763	ug/l	95
28) Bromochloromethane	5.00	49	43787	51.167	ug/l	93
29) Tetrahydrofuran	5.12	42	198836	239.462	ug/l	97
30) Chloroform	5.20	83	149810	50.977	ug/l	99
31) Cyclohexane	5.57	56	120238	44.896	ug/l	94
32) 1,1,1-Trichloroethane	5.48	97	136179	54.689	ug/l	99
36) 1,1-Dichloropropene	5.79	75	108761	50.959	ug/l	99
37) Ethyl Acetate	4.82	43	125643	52.647	ug/l	98
38) Carbon Tetrachloride	5.78	117	110175	53.035	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	125560	48.510	ug/l	96
40) Benzene	6.13	78	330253	52.391	ug/l	99
41) Methacrylonitrile	5.03	41	66645	50.821	ug/l	98
42) 1,2-Dichloroethane	6.18	62	121072	53.526	ug/l	100
43) Isopropyl Acetate	6.43	43	191668	50.038	ug/l	98
44) Trichloroethene	7.21	130	122129	69.868	ug/l	100
45) 1,2-Dichloropropane	7.51	63	84638	52.682	ug/l	99
46) Dibromomethane	7.65	93	59118	55.230	ug/l	99
47) Bromodichloromethane	7.89	83	117090	56.053	ug/l	97
48) Methyl methacrylate	7.76	41	95400	51.108	ug/l	98
49) 1,4-Dioxane	7.73	88	48367	966.771	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	614002	257.097	ug/l	98
52) Toluene	8.78	92	214813	53.267	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	126293	48.514	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	136811	53.251	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	87094	54.572	ug/l	98
56) Ethyl methacrylate	9.17	69	140809	49.298	ug/l	98
57) 1,3-Dichloropropane	9.37	76	146958	53.232	ug/l	100
59) 2-Hexanone	9.49	43	479649	258.005	ug/l	99
60) Dibromochloromethane	9.58	129	91394	51.406	ug/l	99
61) 1,2-Dibromoethane	9.67	107	91135	54.284	ug/l	100
64) Tetrachloroethene	9.33	164	81376	52.770	ug/l	98
65) Chlorobenzene	10.14	112	228509	51.756	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	86117	56.255	ug/l	100
67) Ethyl Benzene	10.25	91	407886	52.009	ug/l	99
68) m/p-Xylenes	10.35	106	307553	104.973	ug/l	100
69) o-Xylene	10.70	106	151943	53.181	ug/l	99
70) Styrene	10.71	104	260056	53.541	ug/l	99
71) Bromoform	10.85	173	63201	48.559	ug/l #	98
73) Isopropylbenzene	11.01	105	401732	51.258	ug/l	99
74) N-amyl acetate	10.89	43	165004	48.884	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	138305	53.057	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	154392	65.299	ug/l	77
77) Bromobenzene	11.25	156	94804	51.332	ug/l	99
78) n-propylbenzene	11.35	91	450099	52.191	ug/l	99
79) 2-Chlorotoluene	11.42	91	280329	51.722	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	343360	52.467	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	39981	44.015	ug/l	98
82) 4-Chlorotoluene	11.51	91	320281	51.556	ug/l	99
83) tert-Butylbenzene	11.76	119	333977	52.316	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	344153	51.925	ug/l	100
85) sec-Butylbenzene	11.94	105	383430	51.843	ug/l	99
86) p-Isopropyltoluene	12.06	119	355186	51.781	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	178093	51.927	ug/l	97
88) 1,4-Dichlorobenzene	12.09	146	175605	50.556	ug/l	100
89) n-Butylbenzene	12.39	91	292347	50.711	ug/l	98
90) Hexachloroethane	12.59	117	61090	48.167	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	181757	54.058	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	31910	52.228	ug/l	99
93) 1,2,4-Trichlorobenzene	13.64	180	109066	51.783	ug/l	99

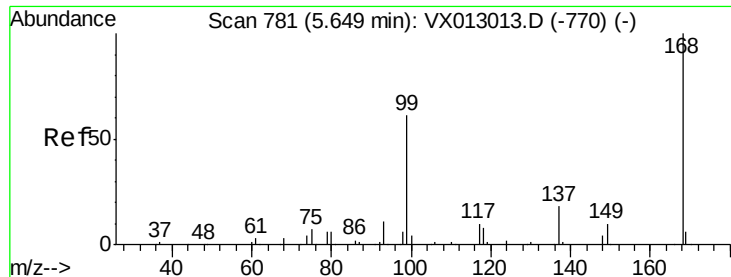
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX101719\
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Quant Title : SW846 8260
QLast Update : Wed Oct 16 07:26:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	47661	49.033	ug/l	98
95) Naphthalene	13.83	128	361195	49.470	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	107463	49.373	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX013120.D

Acq: 17 Oct 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

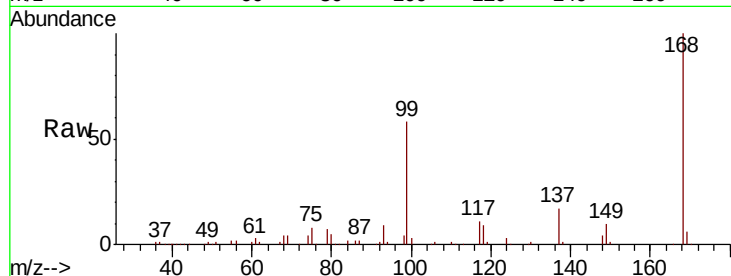
FA19-JMW0301CMSD

Tot Ion:168 Resp: 147631

Ion Ratio Lower Upper

168 100

99 58.0 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

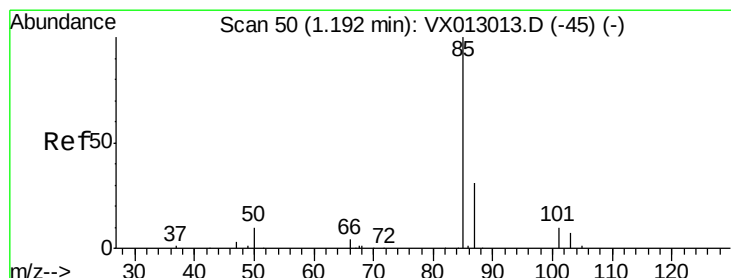
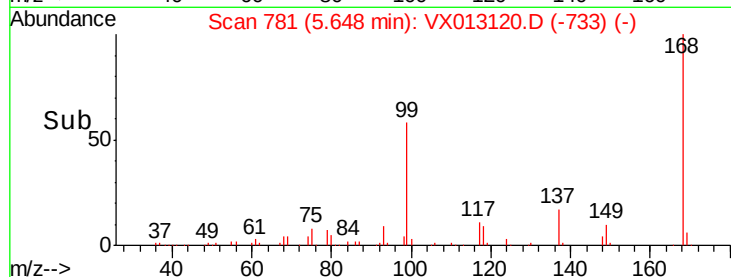
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 44.097 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.01 min

Lab File: VX013120.D

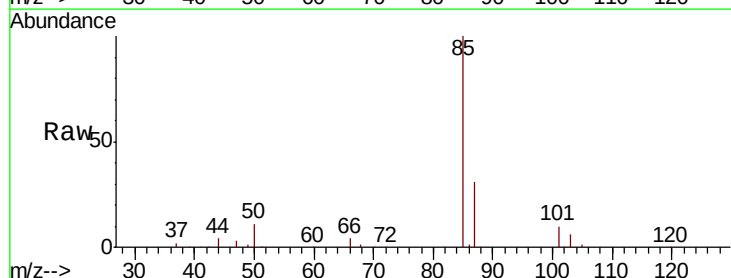
Acq: 17 Oct 2019 20:14

Tgt Ion: 85 Resp: 66358

Ion Ratio Lower Upper

85 100

87 31.3 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

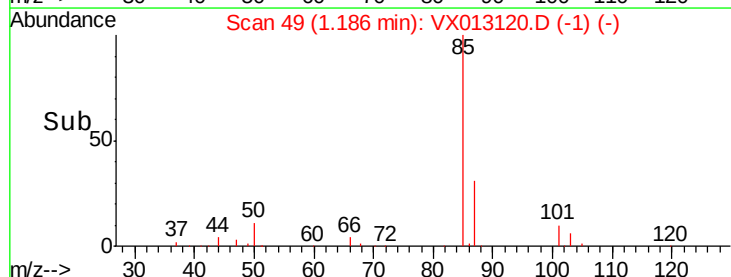
60000

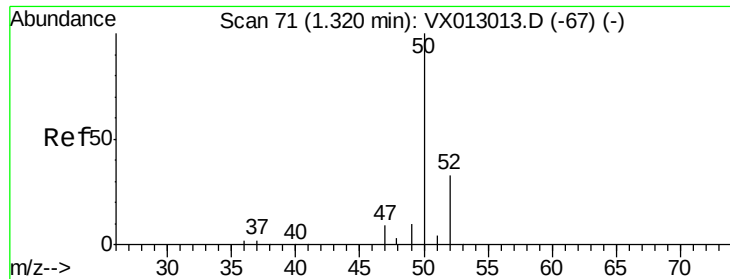
40000

20000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 43.062 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX013120.D

Acq: 17 Oct 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

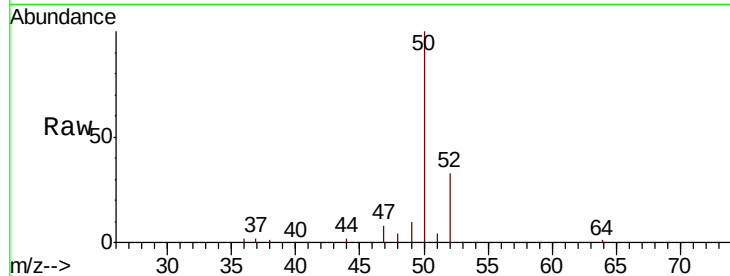
FA19-JMW0301CMSD

Tot Ion: 50 Resp: 70523

Ion Ratio Lower Upper

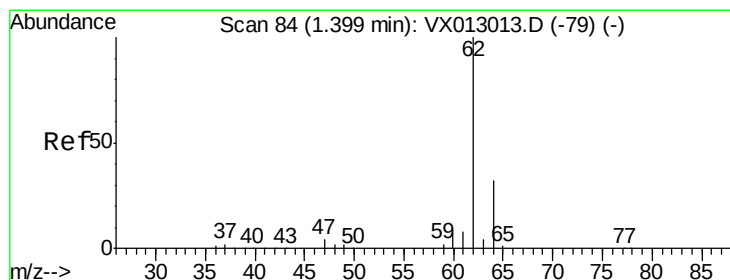
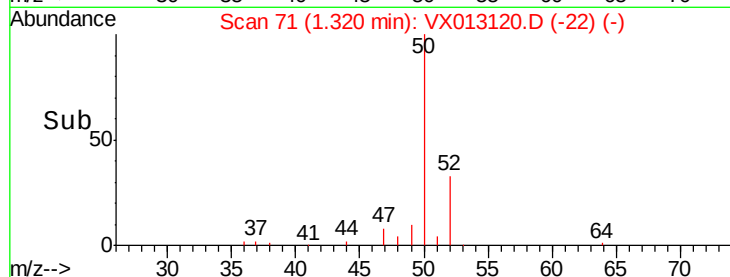
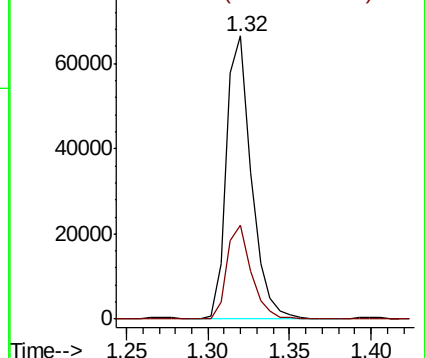
50 100

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: 44.310 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013120.D

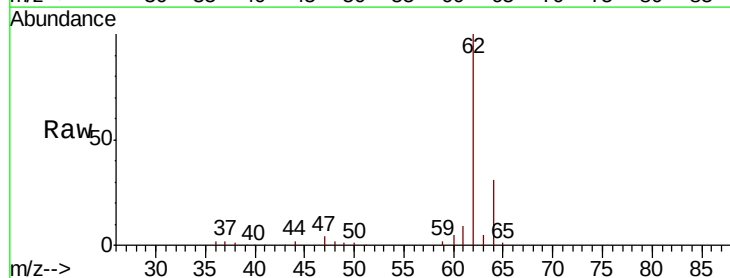
Acq: 17 Oct 2019 20:14

Tgt Ion: 62 Resp: 74901

Ion Ratio Lower Upper

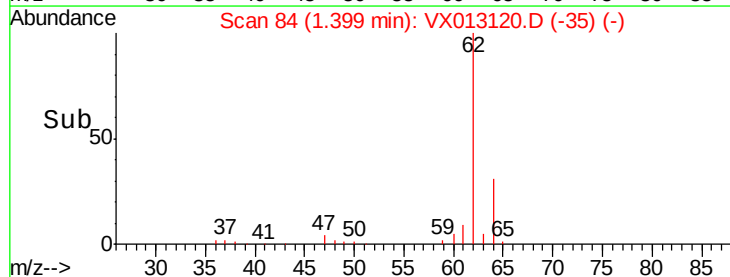
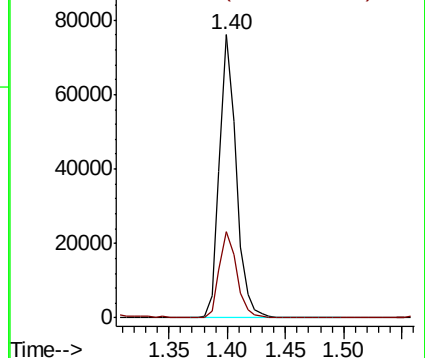
62 100

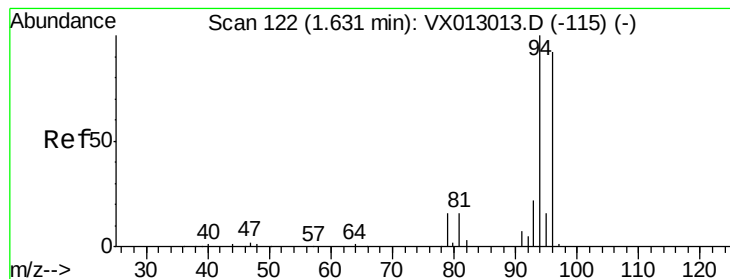
64 30.5 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 47.022 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013120.D

Acq: 17 Oct 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

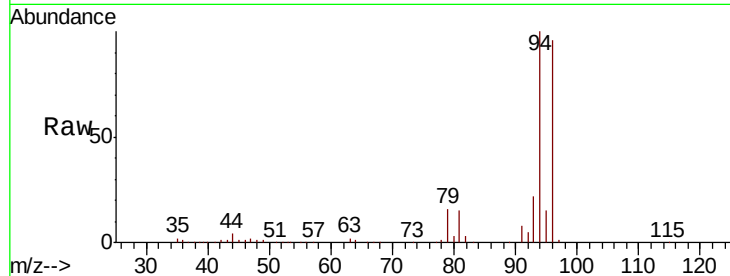
FA19-JMW0301CMSD

Tot Ion: 94 Resp: 33041

Ion Ratio Lower Upper

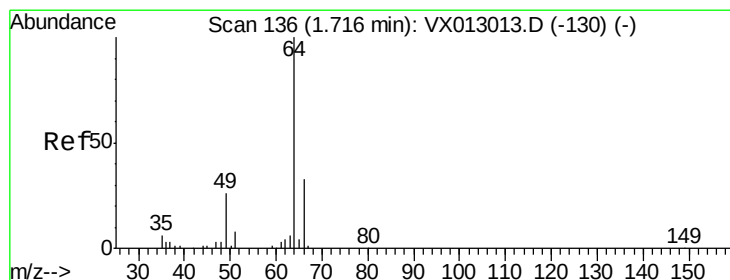
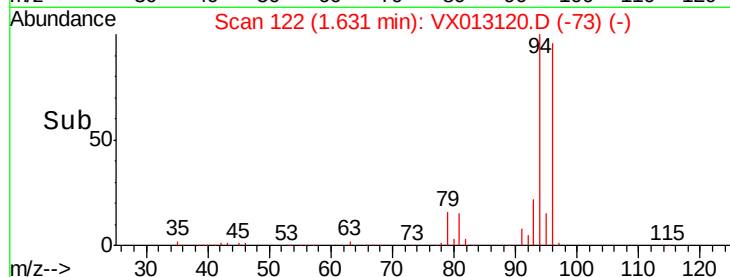
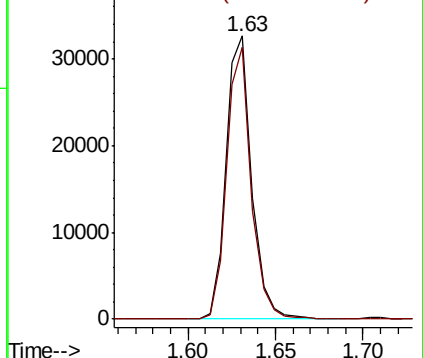
94 100

96 96.1 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: 45.537 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX013120.D

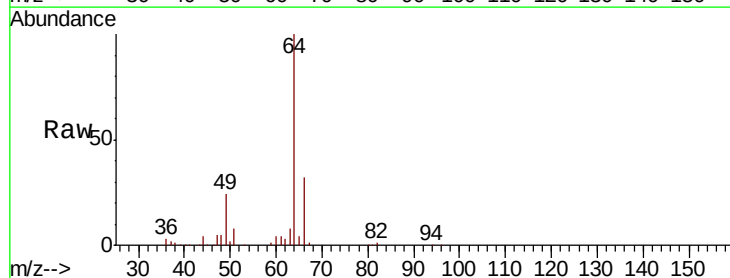
Acq: 17 Oct 2019 20:14

Tgt Ion: 64 Resp: 46985

Ion Ratio Lower Upper

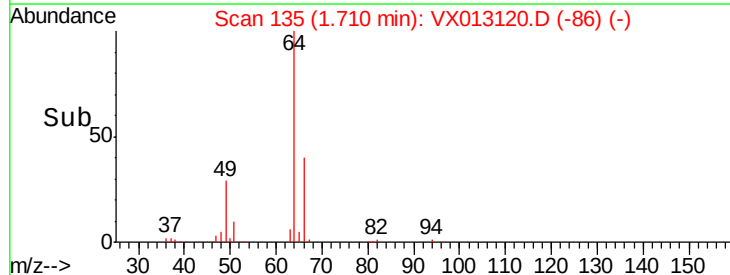
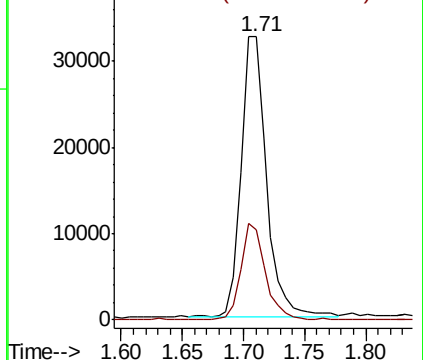
64 100

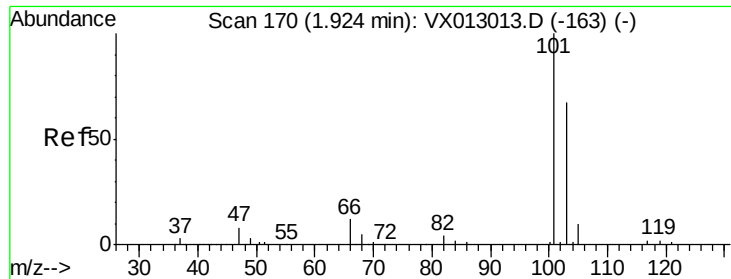
66 32.0 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



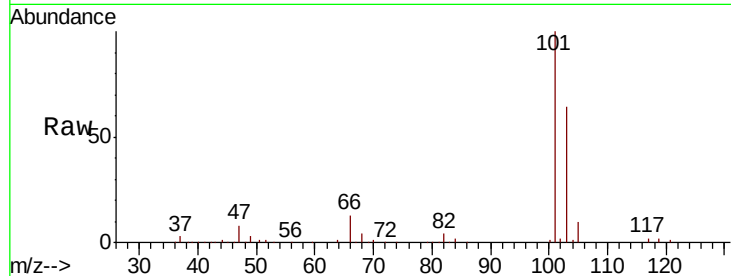


#7

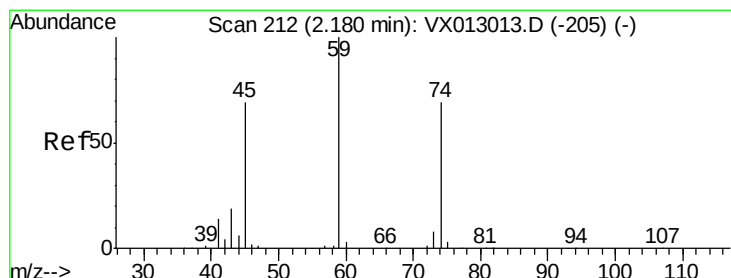
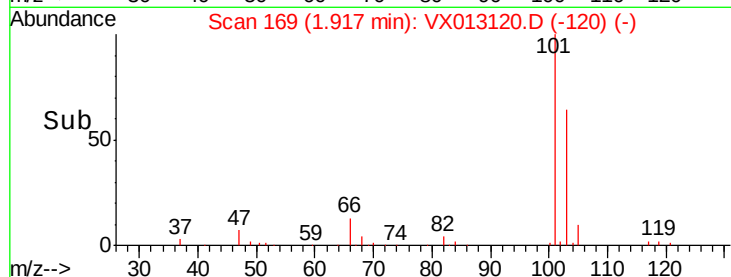
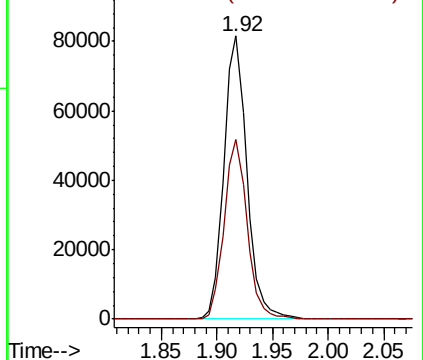
Trichlorofluoromethane
Concen: 51.375 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX013120.D
Acq: 17 Oct 2019 20:14

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW0301CMSD

Tot Ion:101 Resp: 117214
Ion Ratio Lower Upper
101 100
103 63.6 52.5 78.7



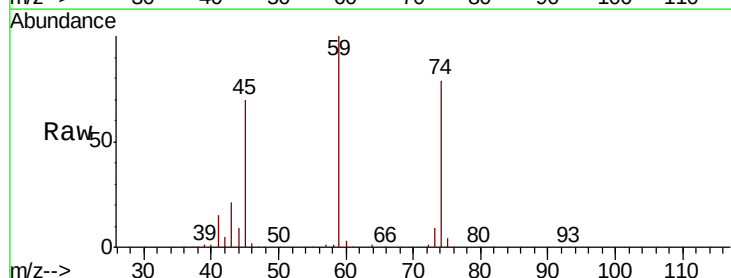
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



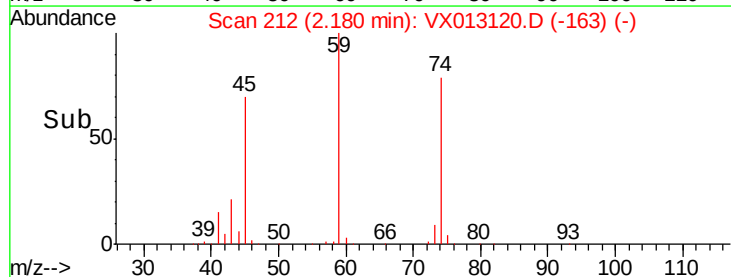
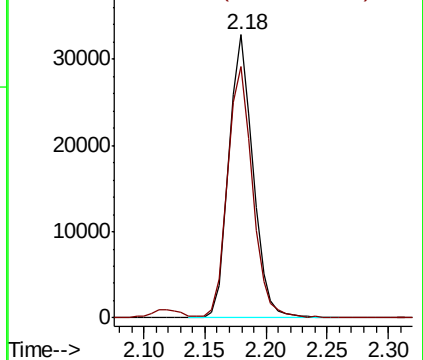
#8

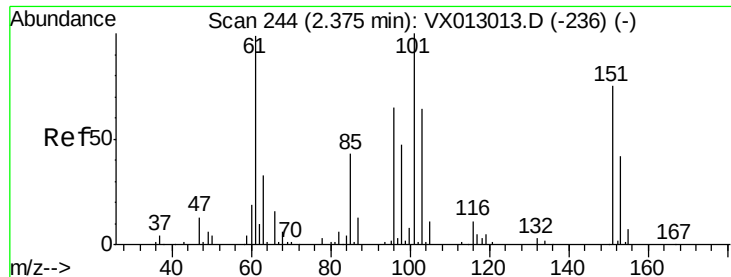
Diethyl Ether
Concen: 48.610 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX013120.D
Acq: 17 Oct 2019 20:14

Tgt Ion: 74 Resp: 44766
Ion Ratio Lower Upper
74 100
45 91.9 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: 49.446 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.01 min

Lab File: VX013120.D

Acq: 17 Oct 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW0301CMSD

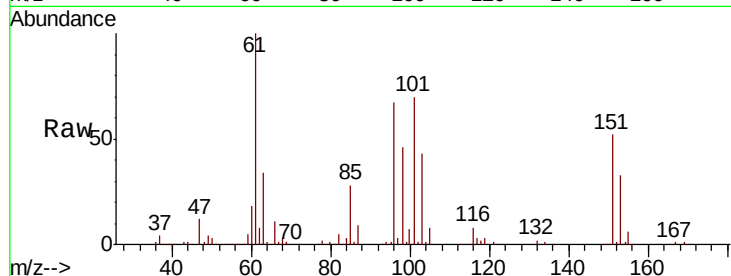
Tot Ion:101 Resp: 73011

Ion Ratio Lower Upper

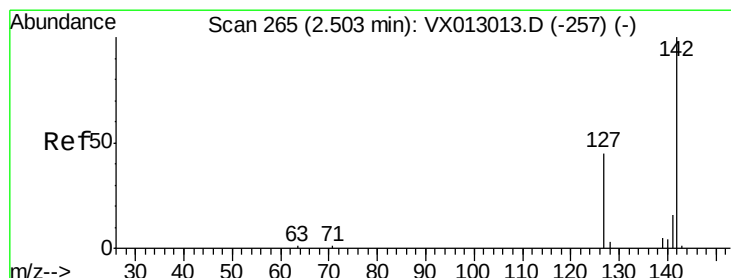
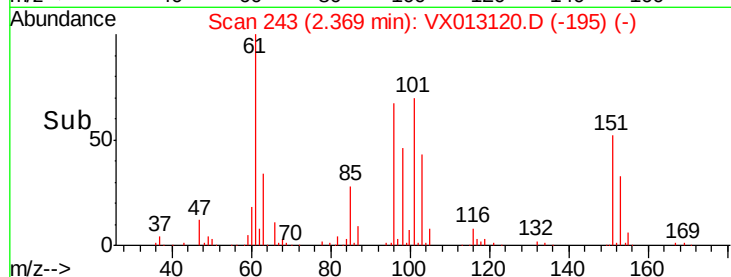
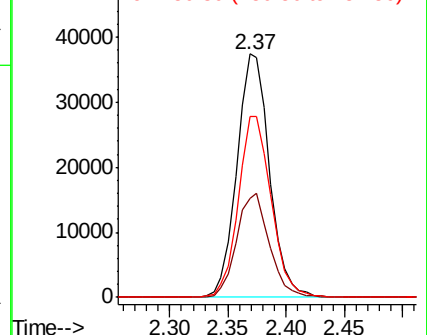
101 100

85 42.8 35.2 52.8

151 75.4 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: 55.852 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX013120.D

Acq: 17 Oct 2019 20:14

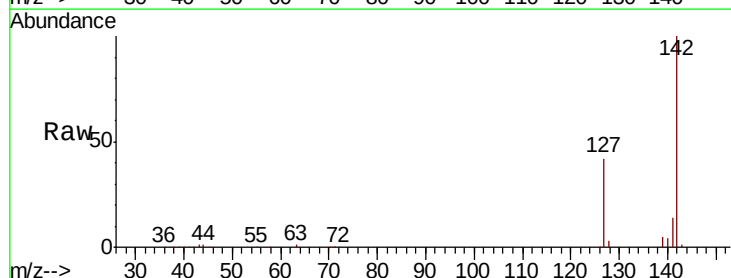
Tgt Ion:142 Resp: 94537

Ion Ratio Lower Upper

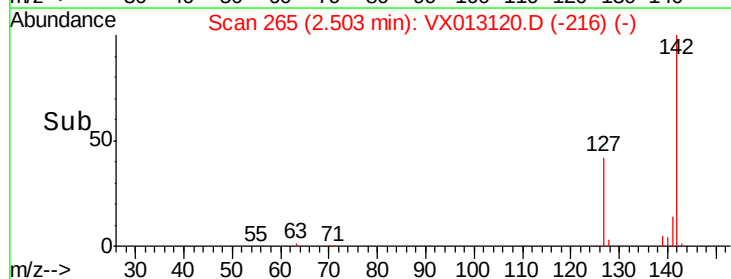
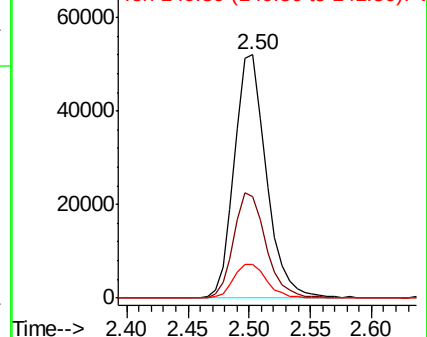
142 100

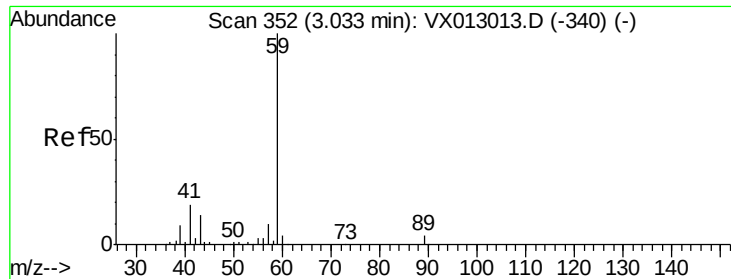
127 43.8 34.9 52.3

141 14.4 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

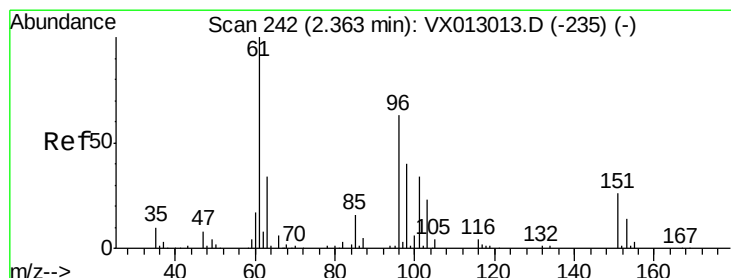
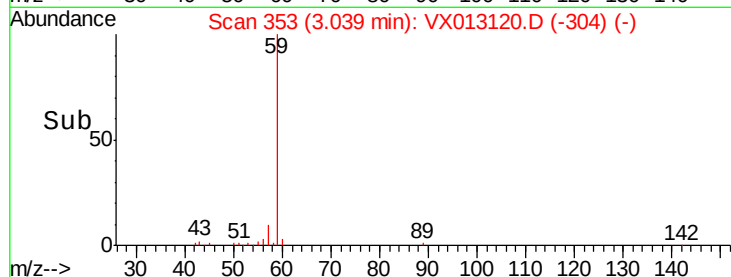
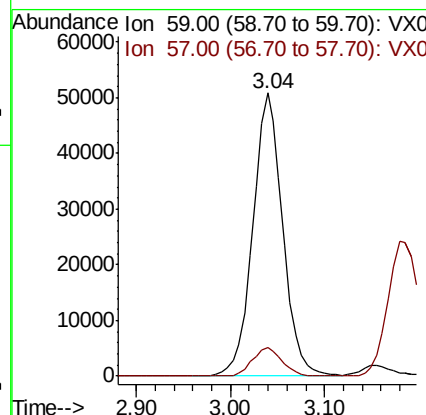
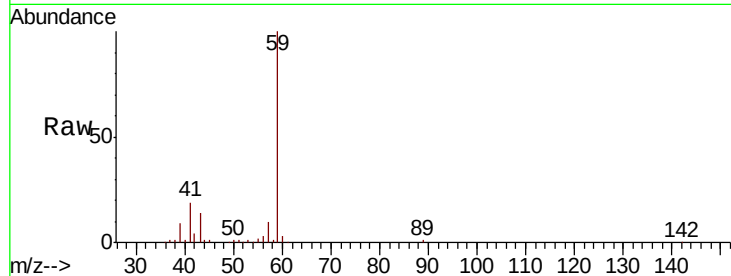




#11
Tert butyl alcohol
Concen: 231.121 ug/l
RT: 3.04 min Scan# 353
Delta R.T. -0.00 min
Lab File: VX013120.D
Acq: 17 Oct 2019 20:14

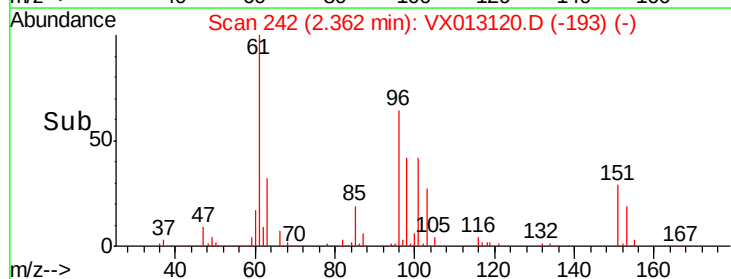
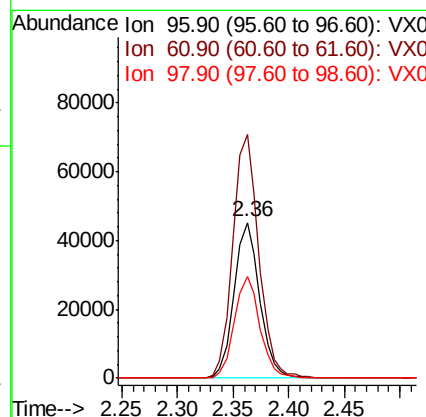
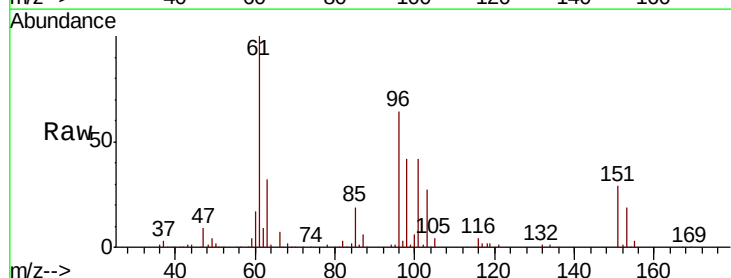
Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW0301CMSD

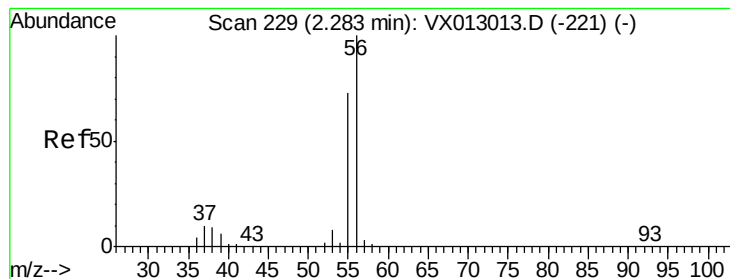
Tot Ion: 59 Resp: 113052
Ion Ratio Lower Upper
59 100
57 10.1 8.3 12.5



#12
1,1-Dichloroethene
Concen: 48.391 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX013120.D
Acq: 17 Oct 2019 20:14

Tgt Ion: 96 Resp: 72194
Ion Ratio Lower Upper
96 100
61 156.5 132.2 198.4
98 65.1 50.5 75.7





#13

Acrolein

Concen: 278.397 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX013120.D

Acq: 17 Oct 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

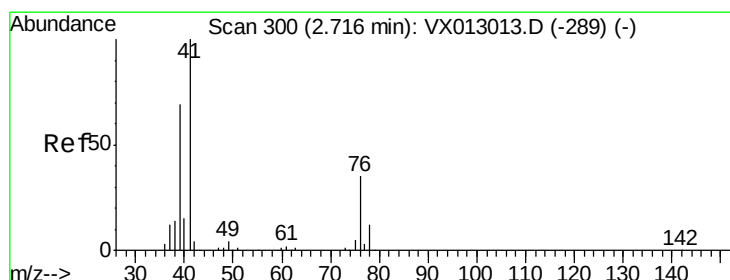
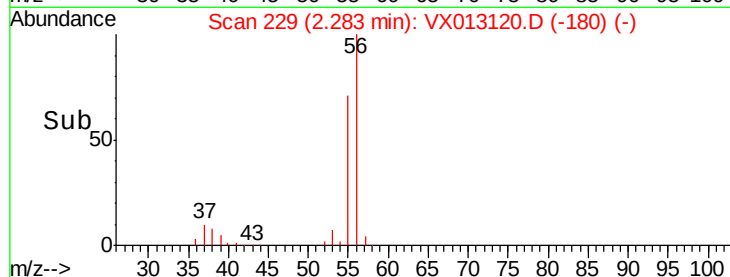
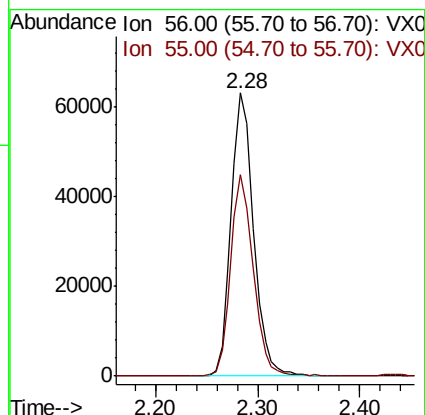
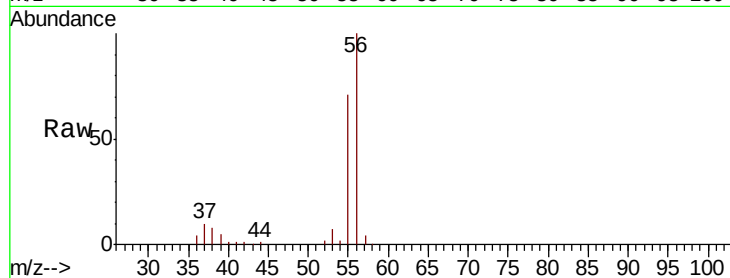
FA19-JMW0301CMSD

Tot Ion: 56 Resp: 96775

Ion Ratio Lower Upper

56 100

55 71.4 56.6 85.0



#14

Allyl chloride

Concen: 45.809 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX013120.D

Acq: 17 Oct 2019 20:14

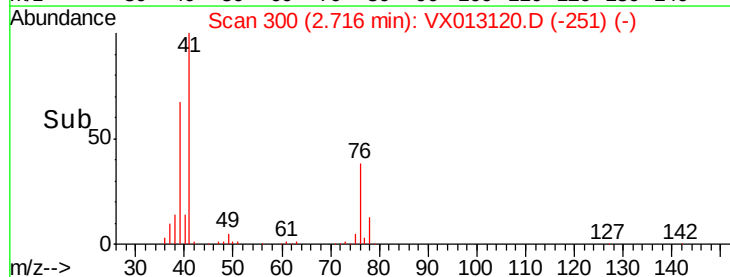
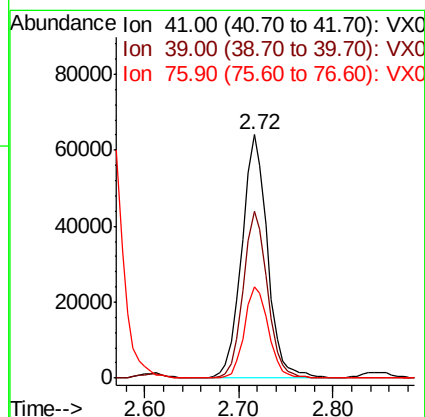
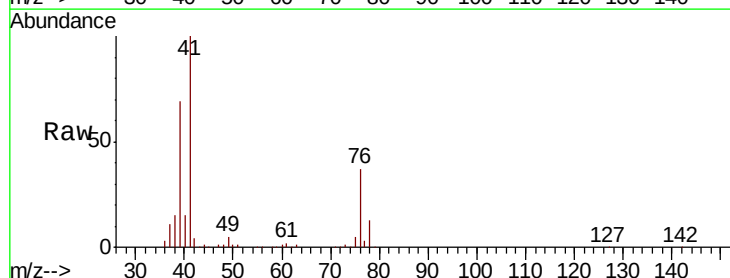
Tgt Ion: 41 Resp: 121708

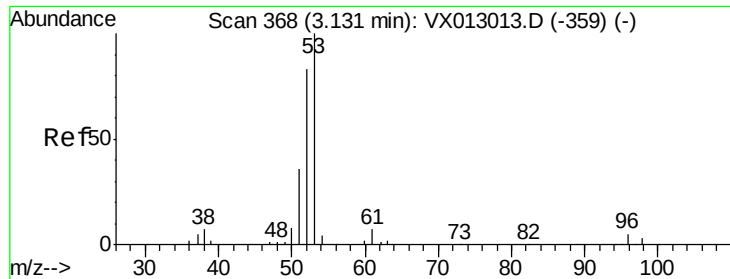
Ion Ratio Lower Upper

41 100

39 64.7 51.0 76.6

76 35.2 26.2 39.4





#15

Acrylonitrile

Concen: 248.761 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.01 min

Lab File: VX013120.D

Acq: 17 Oct 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW0301CMSD

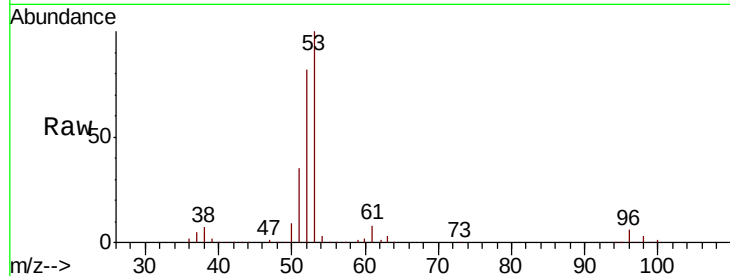
Tot Ion: 53 Resp: 230593

Ion Ratio Lower Upper

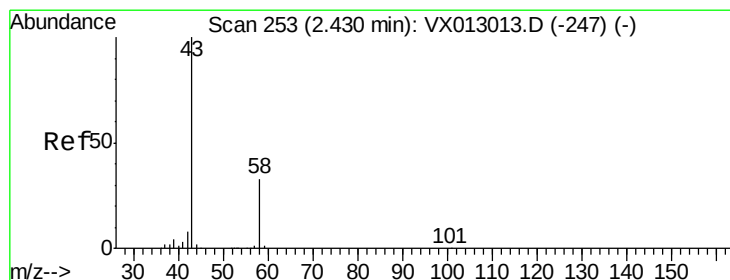
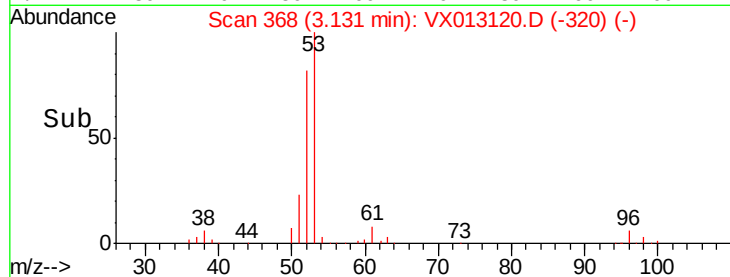
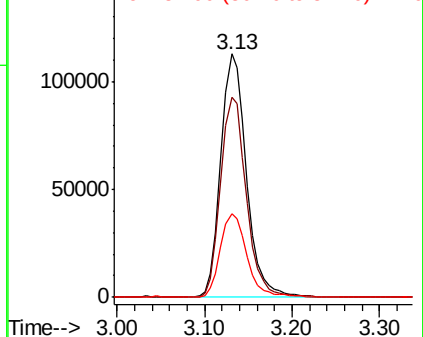
53 100

52 82.4 66.2 99.2

51 36.1 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: 203.499 ug/l

RT: 2.44 min Scan# 254

Delta R.T. -0.00 min

Lab File: VX013120.D

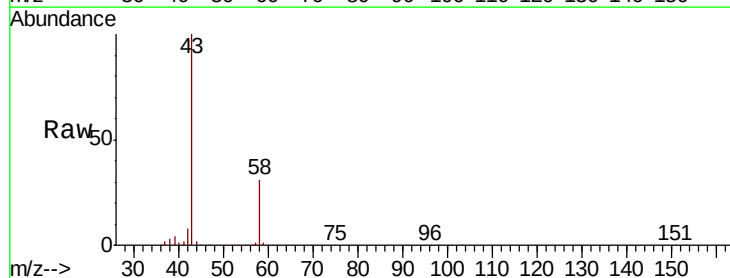
Acq: 17 Oct 2019 20:14

Tgt Ion: 43 Resp: 197924

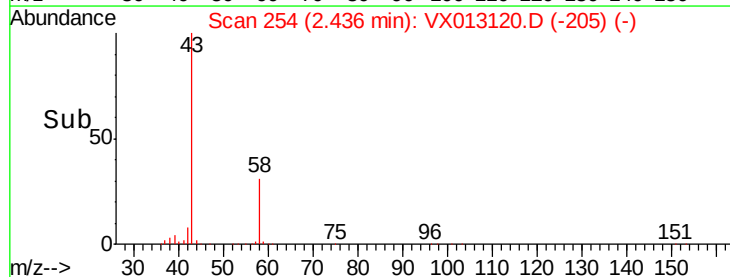
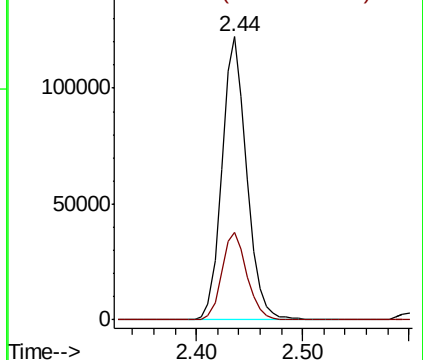
Ion Ratio Lower Upper

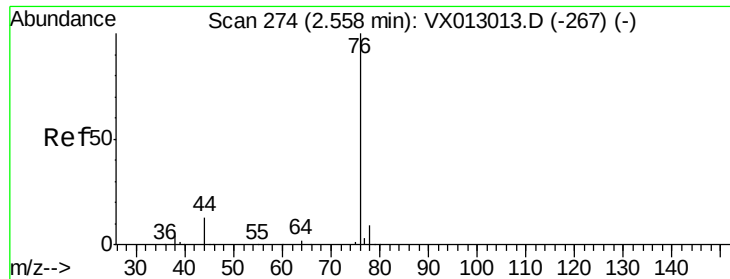
43 100

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

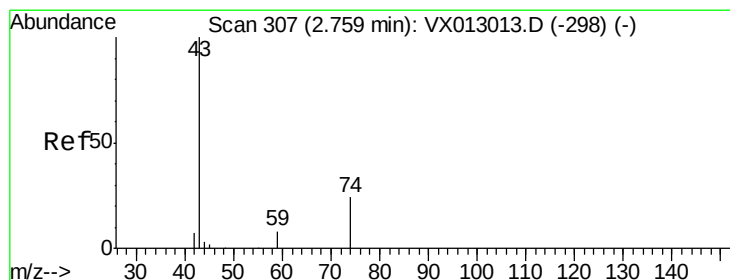
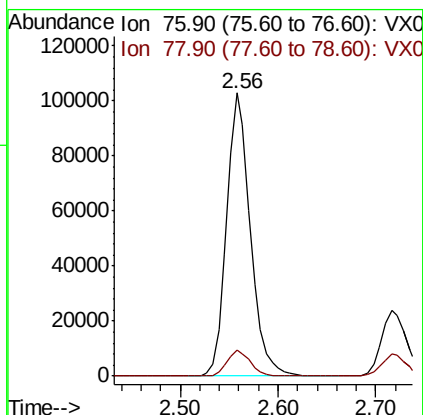
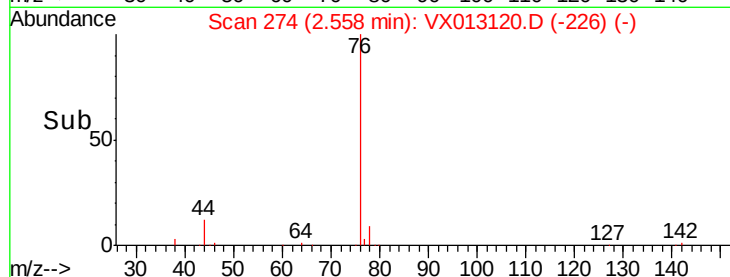
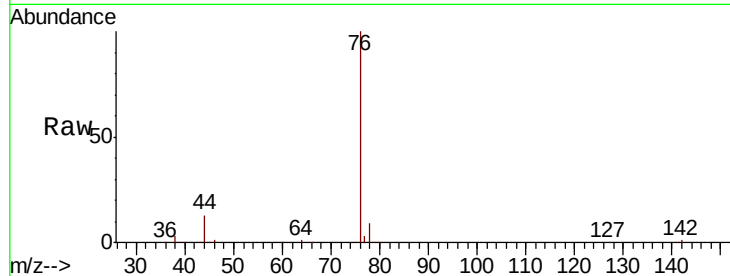




#17
Carbon Disulfide
Concen: 40.656 ug/l
RT: 2.56 min Scan# 274
Delta R.T. -0.01 min
Lab File: VX013120.D
Acq: 17 Oct 2019 20:14

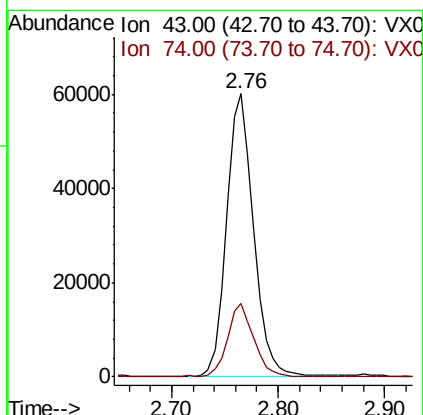
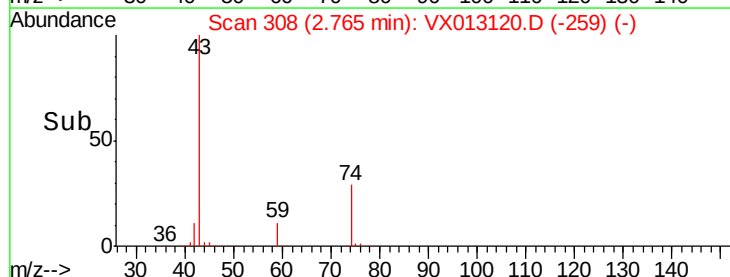
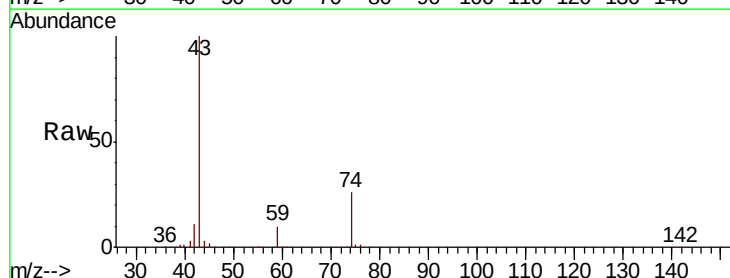
Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW0301CMSD

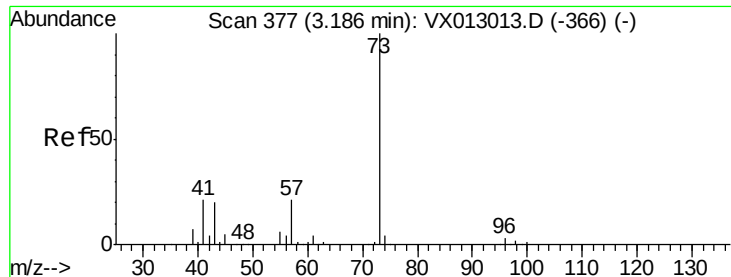
Tot Ion: 76 Resp: 172948
Ion Ratio Lower Upper
76 100
78 9.4 7.1 10.7



#18
Methyl Acetate
Concen: 46.269 ug/l
RT: 2.76 min Scan# 308
Delta R.T. -0.00 min
Lab File: VX013120.D
Acq: 17 Oct 2019 20:14

Tgt Ion: 43 Resp: 106665
Ion Ratio Lower Upper
43 100
74 25.7 19.2 28.8

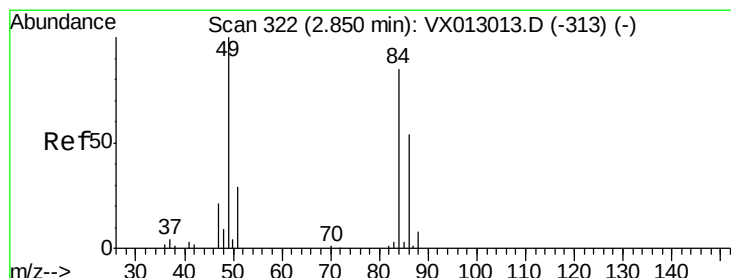
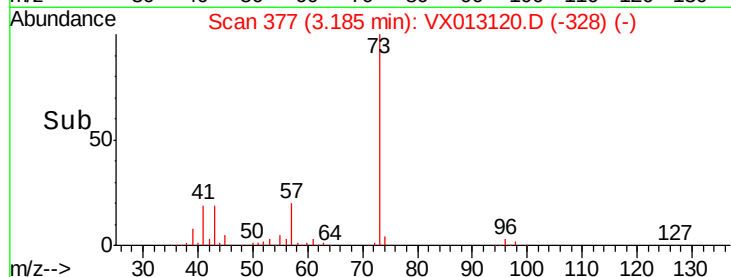
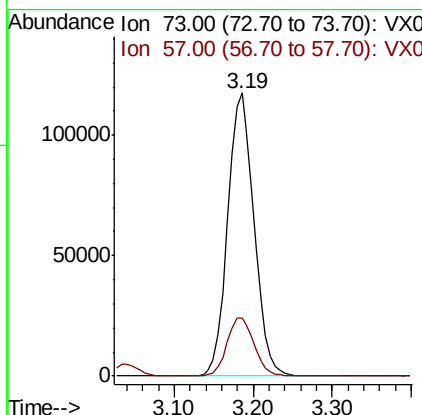
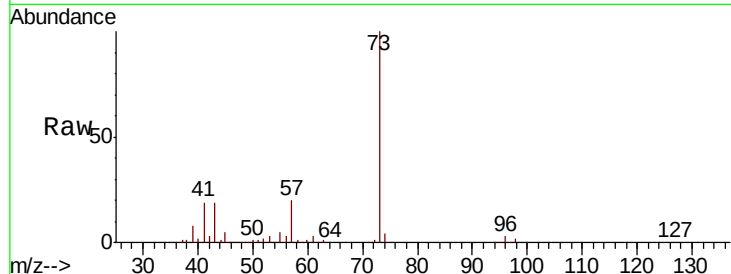




#19
Methvl tert-butvl Ether
Concen: 52.712 ug/l
RT: 3.19 min Scan# 377
Delta R.T. -0.00 min
Lab File: VX013120.D
Acq: 17 Oct 2019 20:14

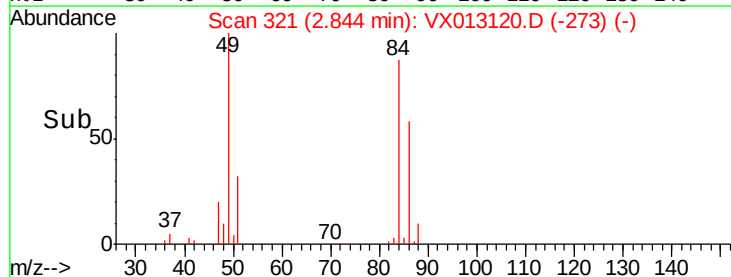
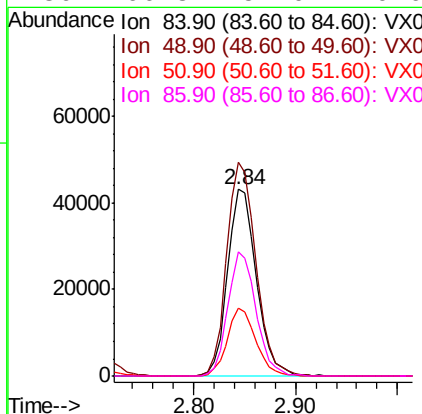
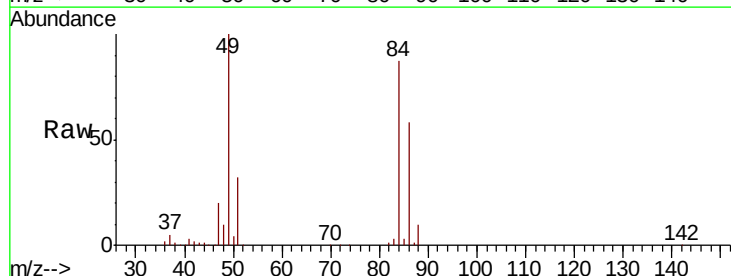
Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW0301CMSD

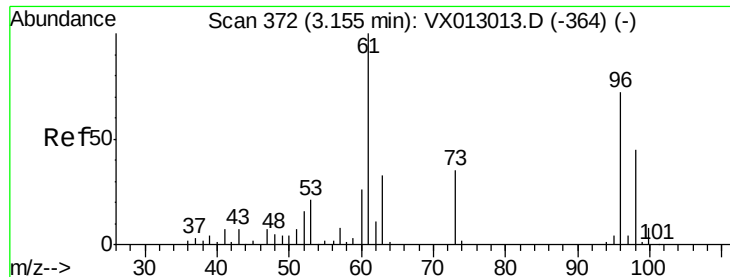
Tot Ion: 73 Resp: 271572
Ion Ratio Lower Upper
73 100
57 20.5 17.8 26.6



#20
Methylene Chloride
Concen: 47.059 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX013120.D
Acq: 17 Oct 2019 20:14

Tgt Ion: 84 Resp: 84116
Ion Ratio Lower Upper
84 100
49 114.6 96.6 144.8
51 36.6 30.7 46.1
86 66.8 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 48.708 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013120.D

Acq: 17 Oct 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW0301CMSD

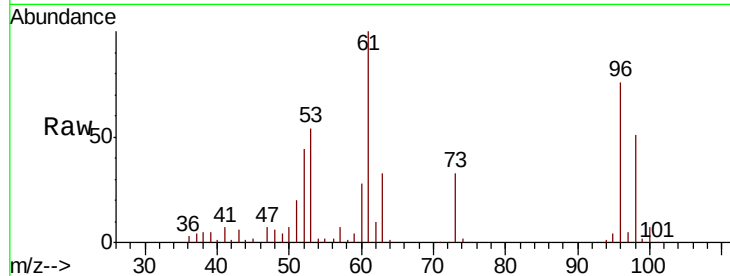
Tot Ion: 96 Resp: 77886

Ion Ratio Lower Upper

96 100

61 132.4 110.4 165.6

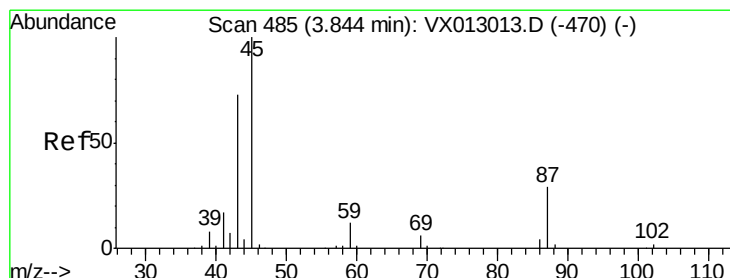
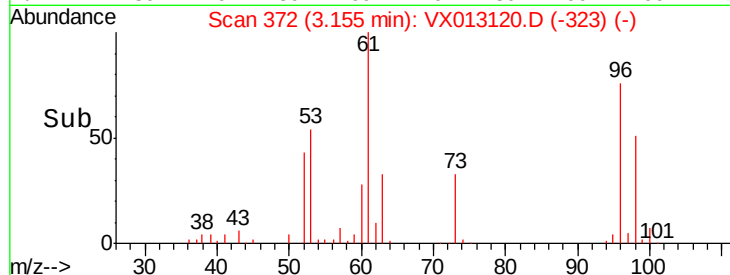
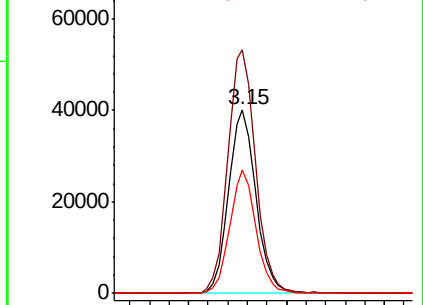
98 67.1 51.5 77.3



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: 49.596 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.01 min

Lab File: VX013120.D

Acq: 17 Oct 2019 20:14

Tgt Ion: 45 Resp: 252496

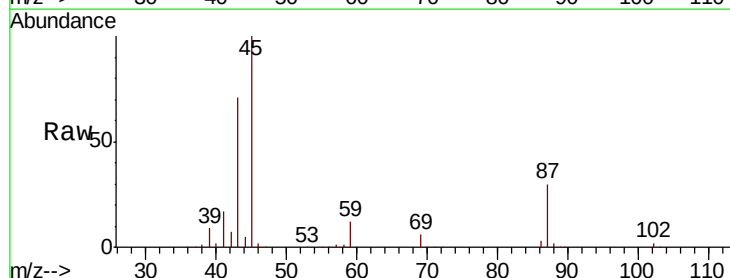
Ion Ratio Lower Upper

45 100

43 71.2 51.4 77.0

87 29.9 22.5 33.7

59 12.2 9.7 14.5

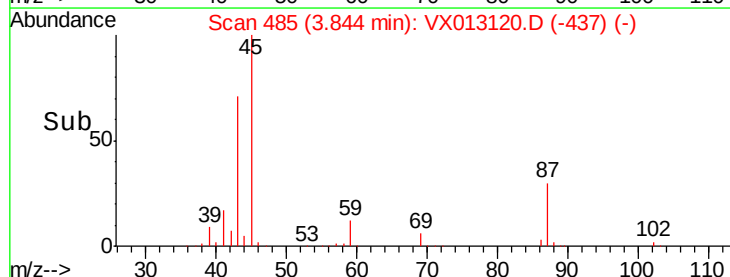
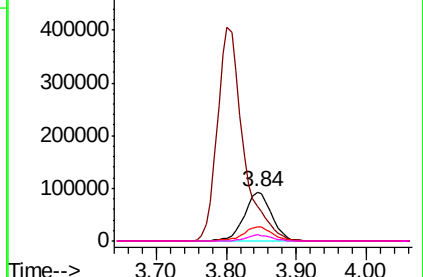


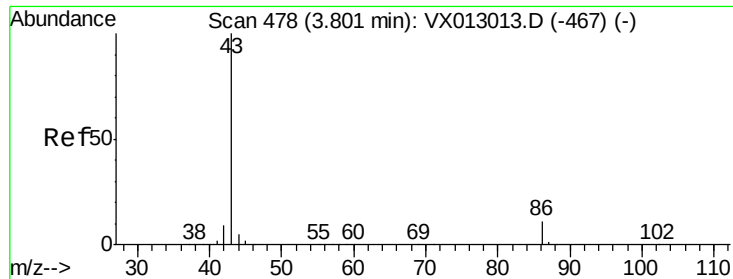
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 237.102 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX013120.D

Acq: 17 Oct 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

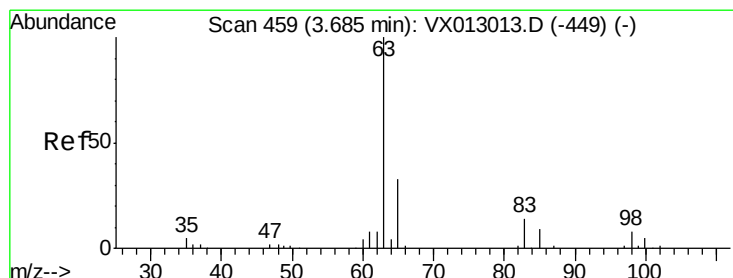
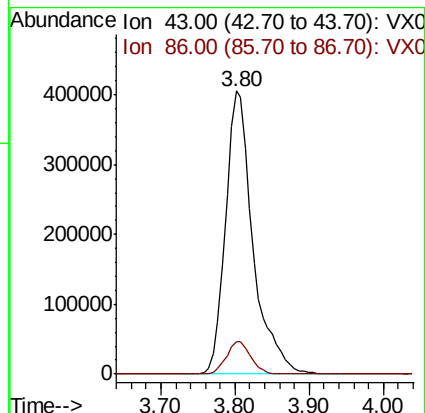
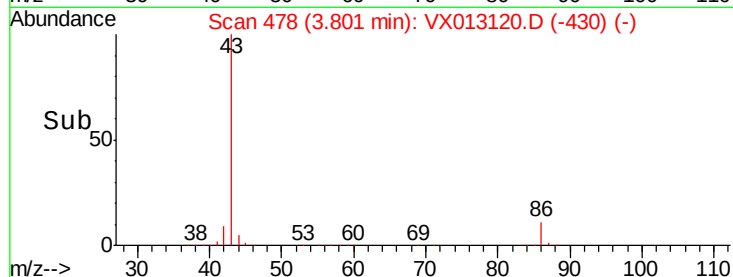
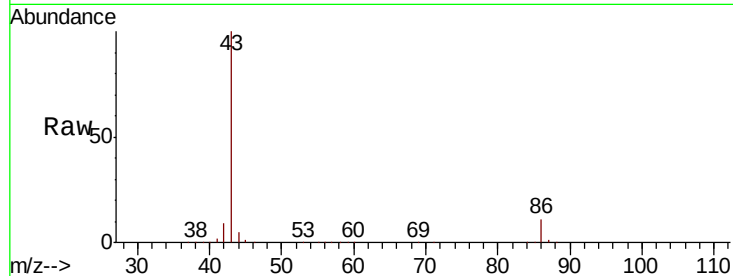
FA19-JMW0301CMSD

Tot Ion: 43 Resp: 1042043

Ion Ratio Lower Upper

43 100

86 11.4 9.0 13.6



#24

1,1-Dichloroethane

Concen: 51.092 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013120.D

Acq: 17 Oct 2019 20:14

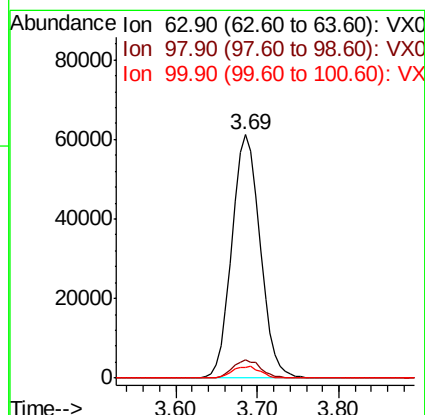
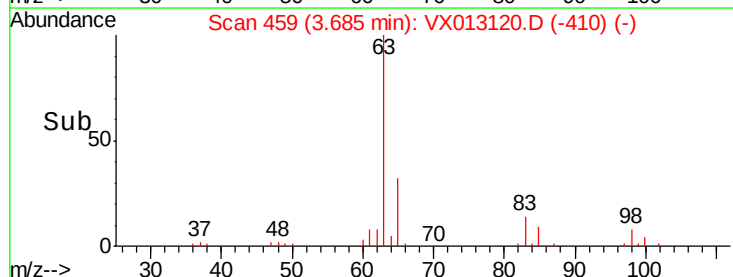
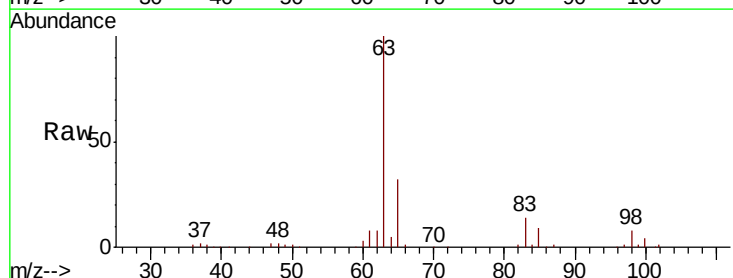
Tgt Ion: 63 Resp: 146330

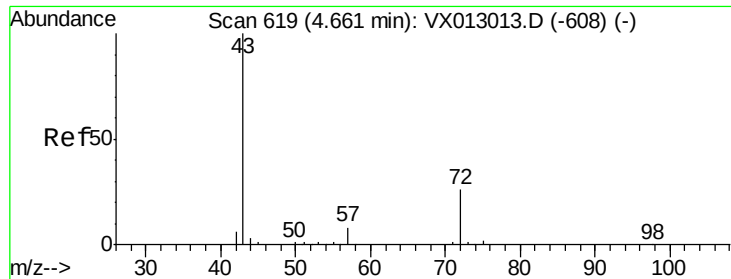
Ion Ratio Lower Upper

63 100

98 7.6 3.9 11.5

100 4.4 2.3 6.9





#25

2-Butanone

Concen: 228.617 ug/l

RT: 4.66 min Scan# 619

Delta R.T. -0.00 min

Lab File: VX013120.D

Acq: 17 Oct 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

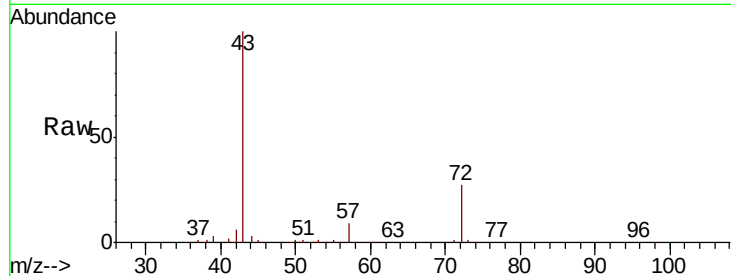
FA19-JMW0301CMSD

Tot Ion: 43 Resp: 308485

Ion Ratio Lower Upper

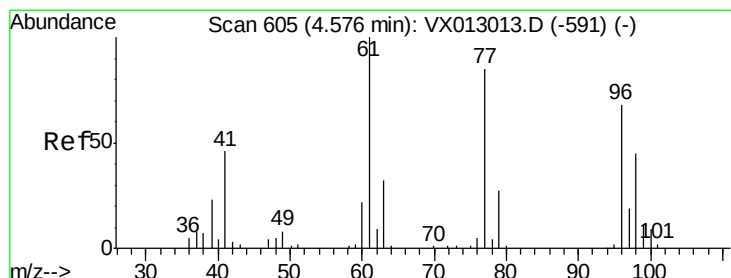
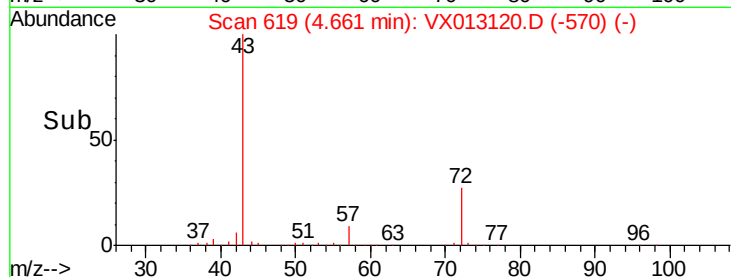
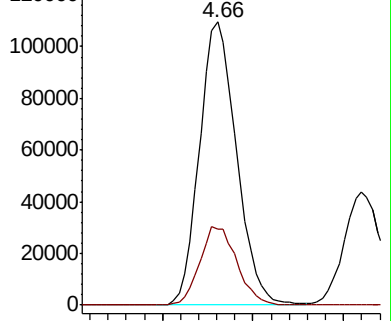
43 100

72 26.8 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: 43.036 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX013120.D

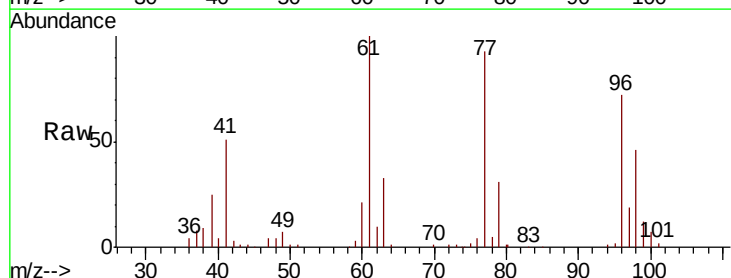
Acq: 17 Oct 2019 20:14

Tgt Ion: 77 Resp: 103648

Ion Ratio Lower Upper

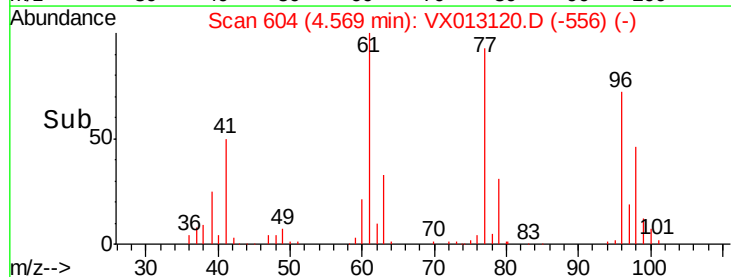
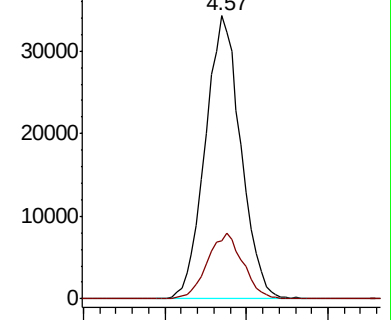
77 100

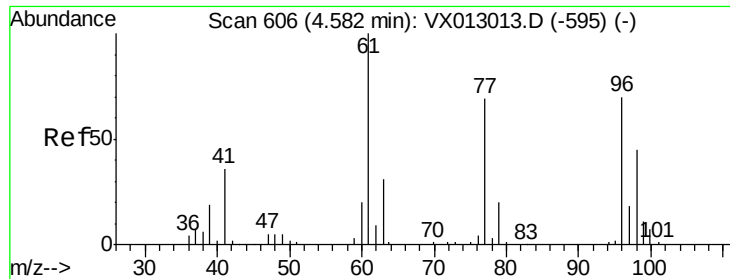
97 23.1 11.3 33.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



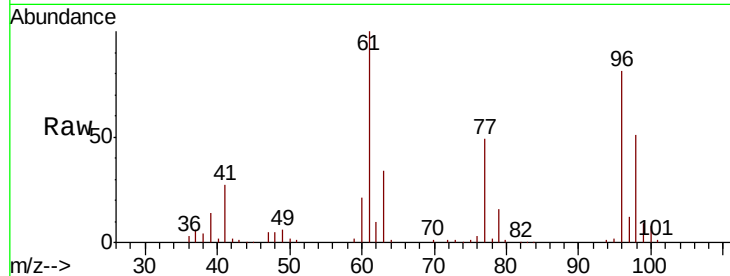


#27

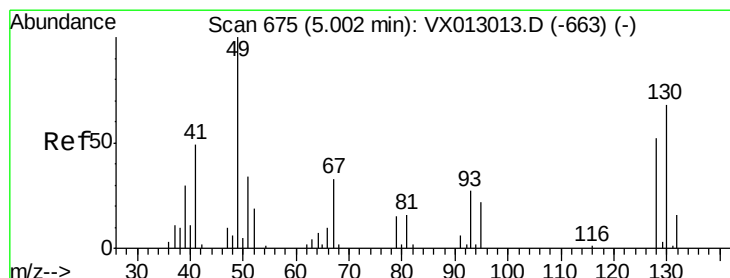
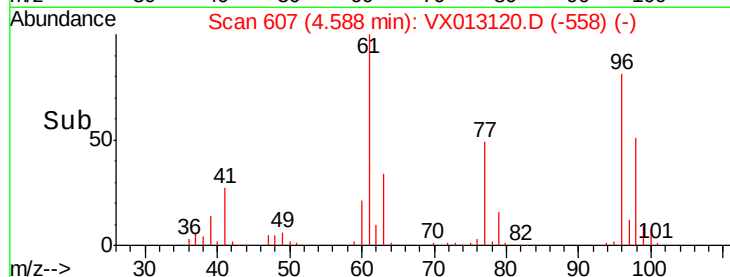
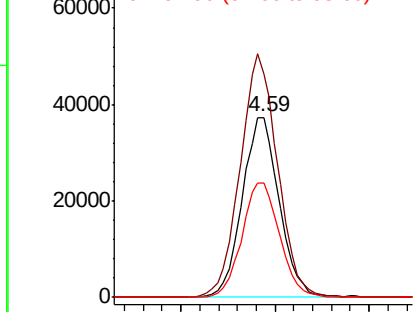
cis-1,2-Dichloroethene
Concen: 55.763 ug/l
RT: 4.59 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX013120.D
Acq: 17 Oct 2019 20:14

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW0301CMSD

Tot Ion: 96 Resp: 102780
Ion Ratio Lower Upper
96 100
61 136.8 0.0 290.6
98 64.8 0.0 128.8



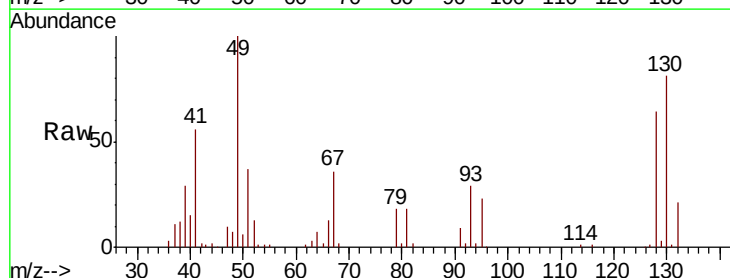
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



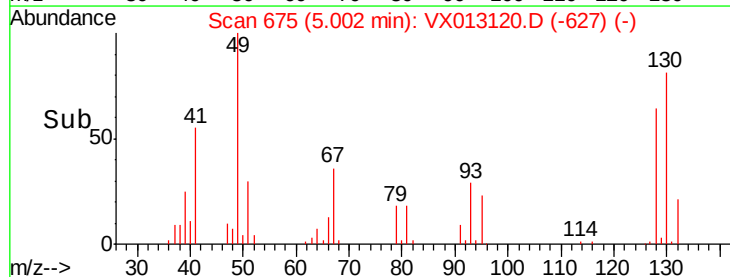
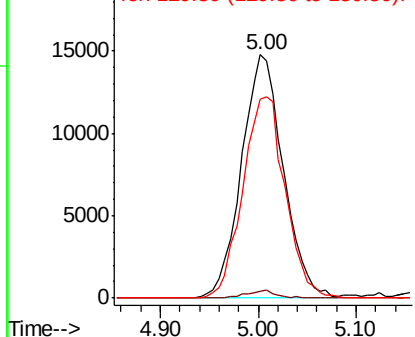
#28

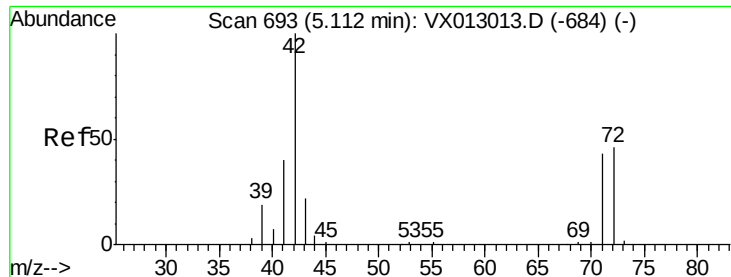
Bromochloromethane
Concen: 51.167 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX013120.D
Acq: 17 Oct 2019 20:14

Tgt Ion: 49 Resp: 43787
Ion Ratio Lower Upper
49 100
129 2.2 0.0 4.2
130 83.8 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: 239.462 ug/l

RT: 5.12 min Scan# 694

Delta R.T. -0.00 min

Lab File: VX013120.D

Acq: 17 Oct 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW0301CMSD

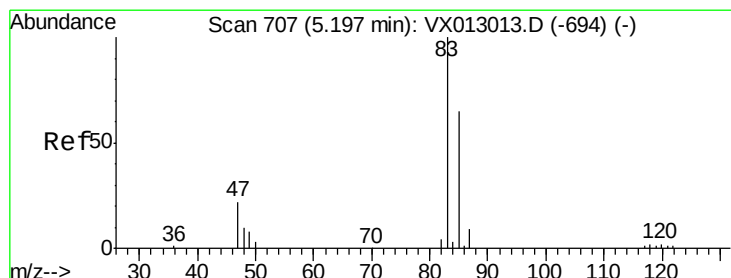
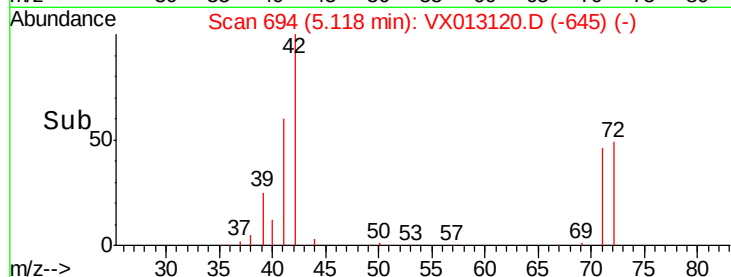
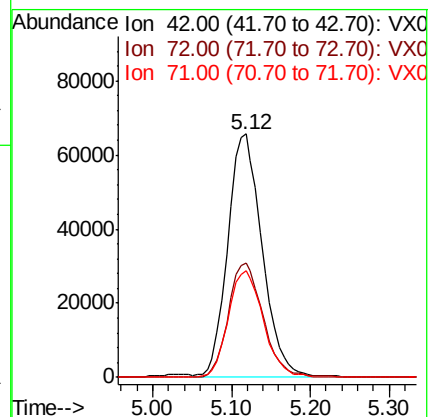
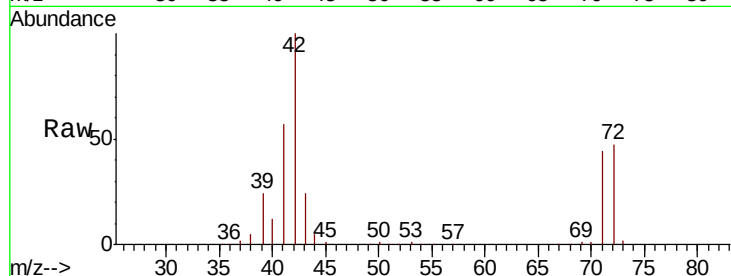
Tot Ion: 42 Resp: 198836

Ion Ratio Lower Upper

42 100

72 47.8 36.9 55.3

71 44.7 33.5 50.3



#30

Chloroform

Concen: 50.977 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.00 min

Lab File: VX013120.D

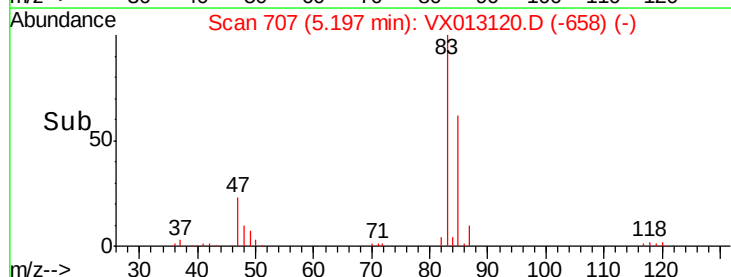
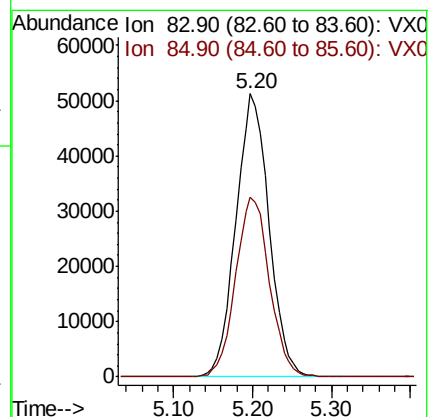
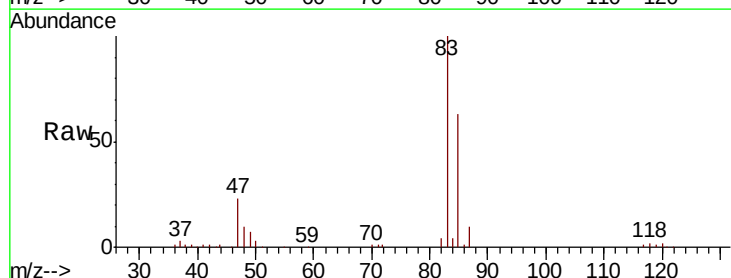
Acq: 17 Oct 2019 20:14

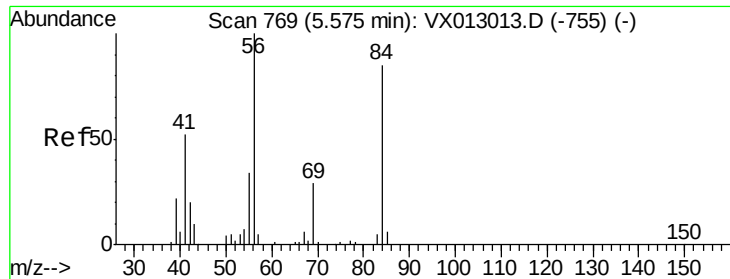
Tgt Ion: 83 Resp: 149810

Ion Ratio Lower Upper

83 100

85 63.4 51.5 77.3

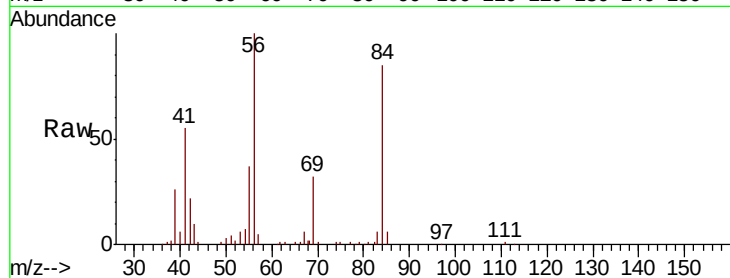




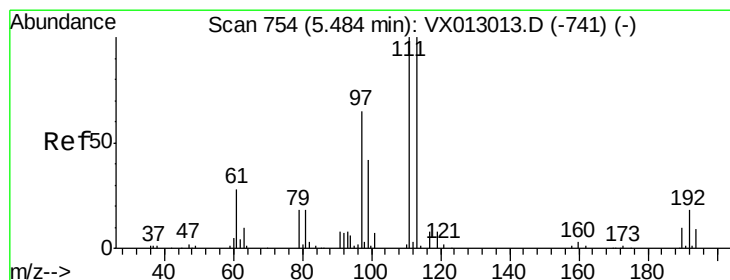
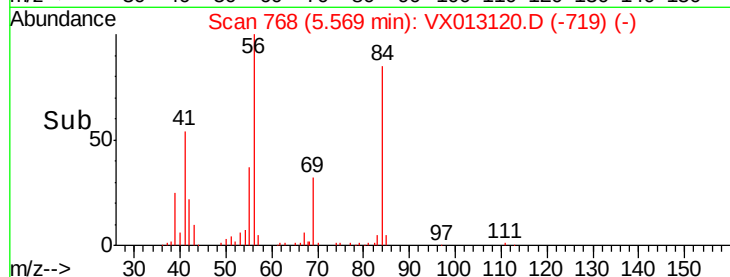
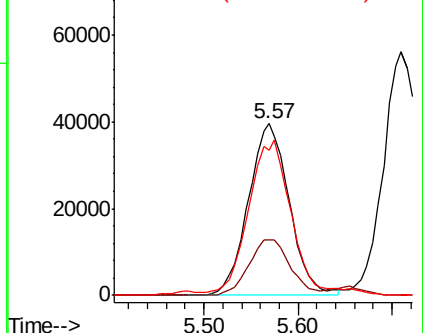
#31
Cyclohexane
Concen: 44.896 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX013120.D
Acq: 17 Oct 2019 20:14

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW0301CMSD

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.3	25.2	37.8
84	82.5	71.3	106.9

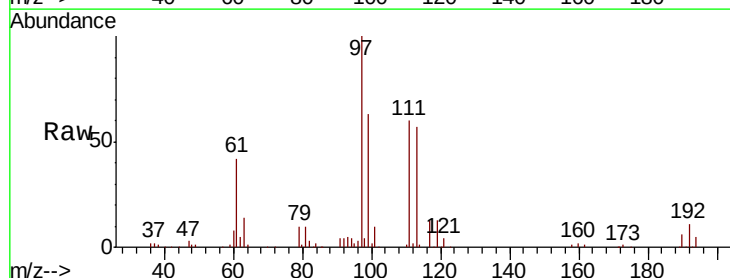


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

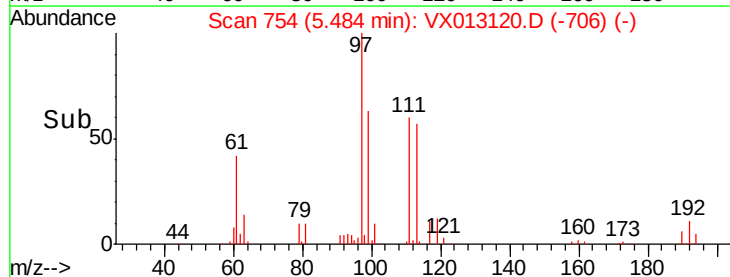
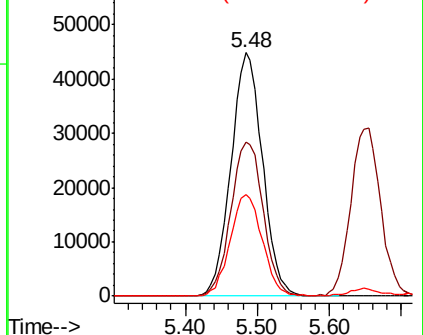


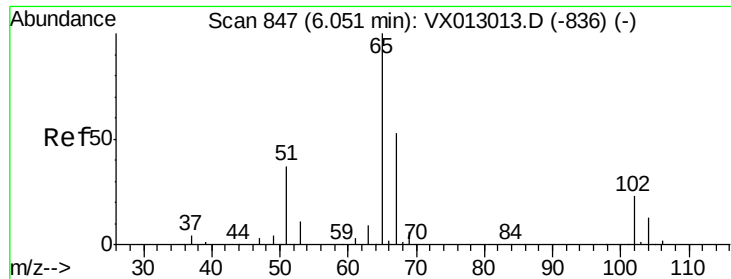
#32
1,1,1-Trichloroethane
Concen: 54.689 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX013120.D
Acq: 17 Oct 2019 20:14

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.0	52.3	78.5
61	42.6	35.0	52.4



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

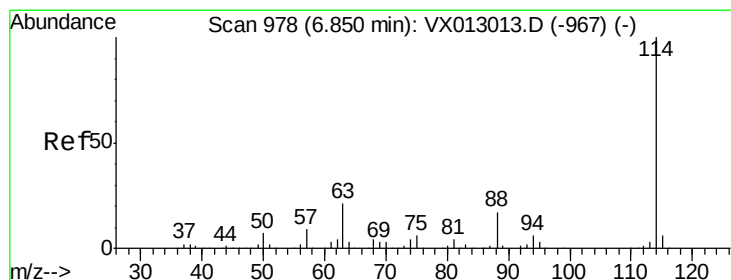
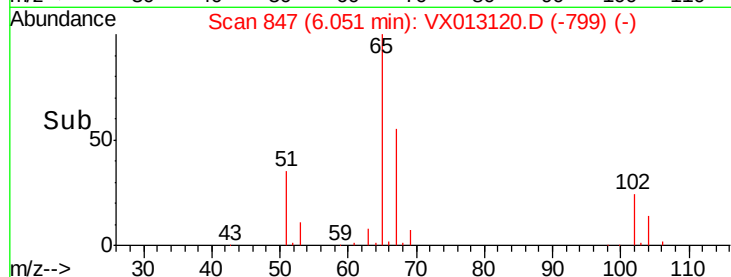
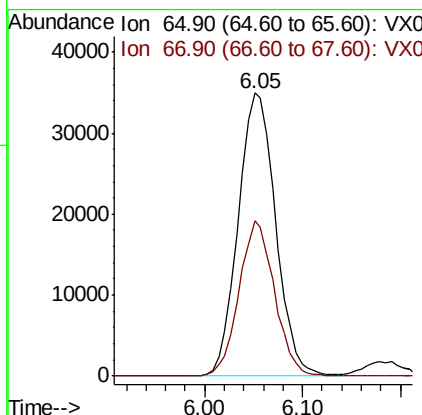
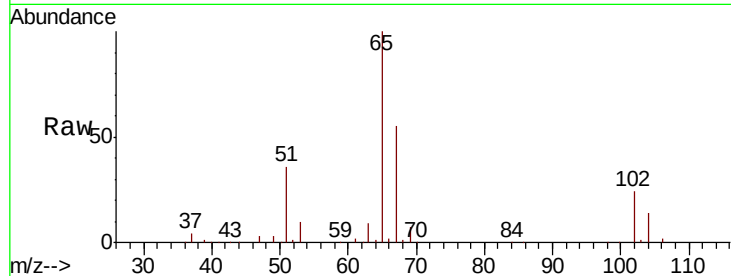




#33
 1,2-Dichloroethane-d4
 Concen: 50.530 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: VX013120.D
 Acq: 17 Oct 2019 20:14

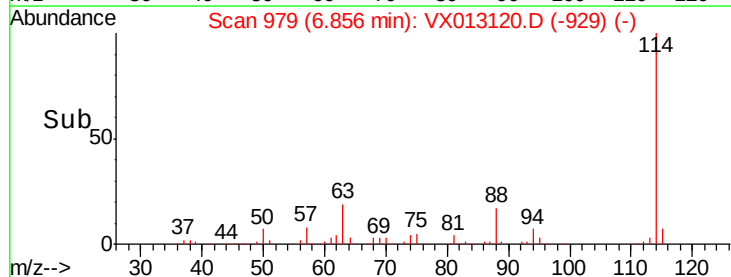
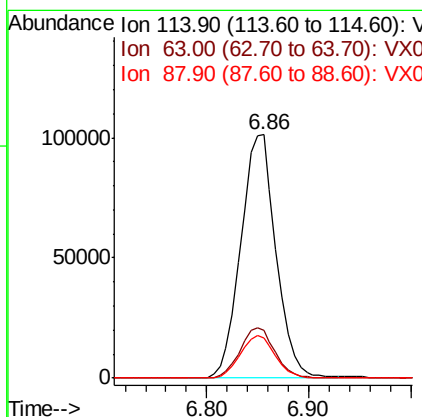
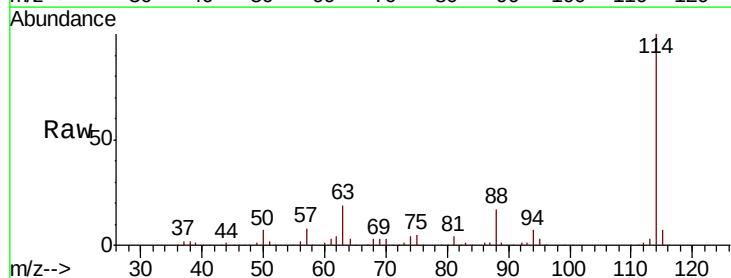
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW0301CMSD

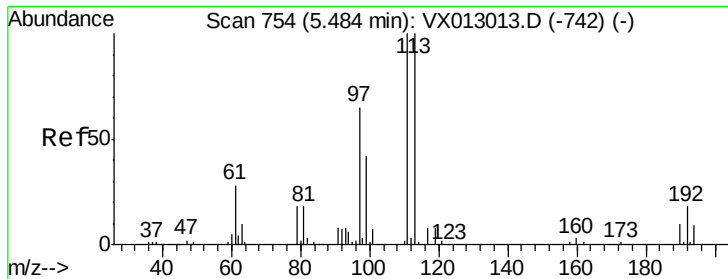
Tot Ion: 65 Resp: 93238
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 979
 Delta R.T. 0.01 min
 Lab File: VX013120.D
 Acq: 17 Oct 2019 20:14

Tgt Ion: 114 Resp: 242751
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 40.8
 88 16.7 0.0 33.8





#35

Dibromofluoromethane

Concen: 54.266 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX013120.D

Acq: 17 Oct 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW0301CMSD

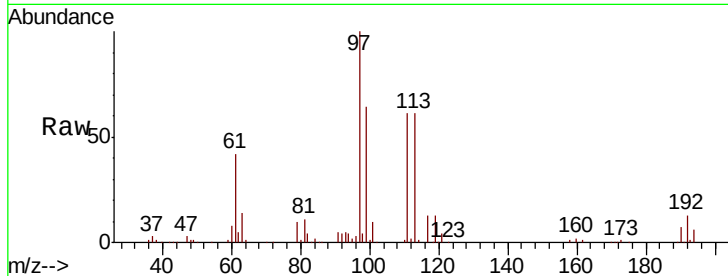
Tot Ion:113 Resp: 75607

Ion Ratio Lower Upper

113 100

111 101.8 83.2 124.8

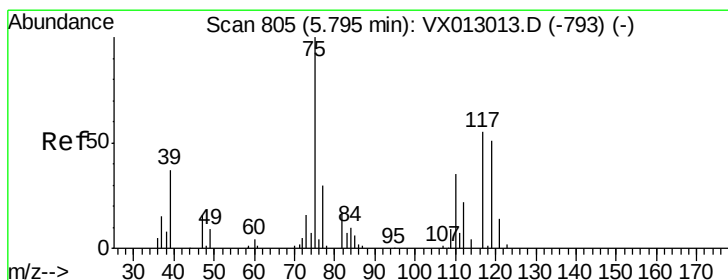
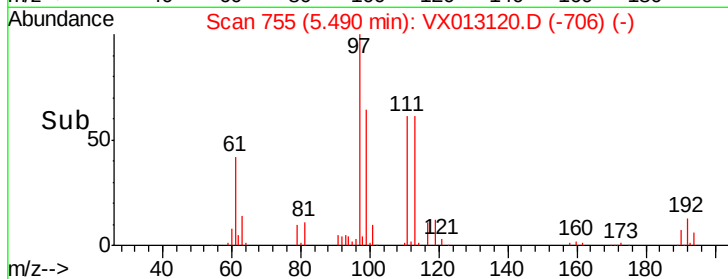
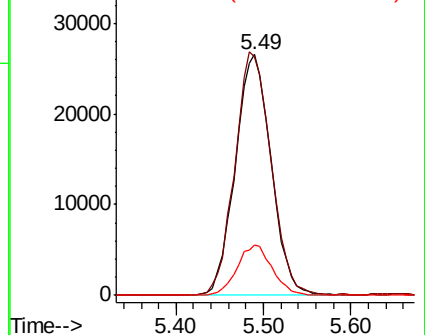
192 20.5 15.4 23.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 50.959 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX013120.D

Acq: 17 Oct 2019 20:14

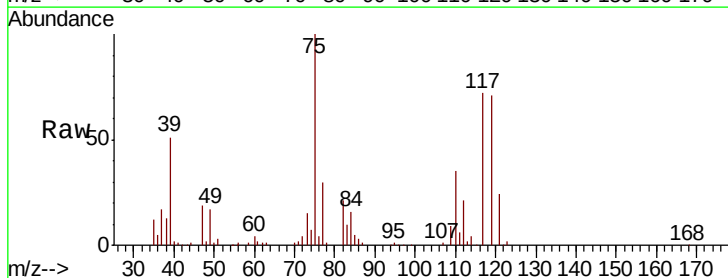
Tgt Ion: 75 Resp: 108761

Ion Ratio Lower Upper

75 100

110 35.6 17.6 52.9

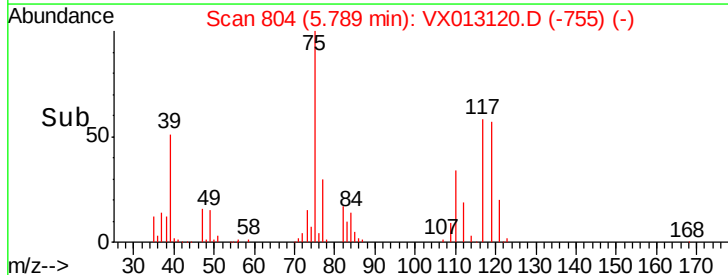
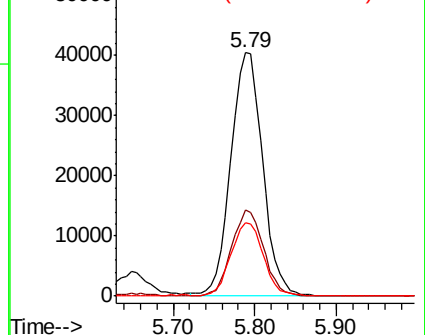
77 30.9 24.4 36.6

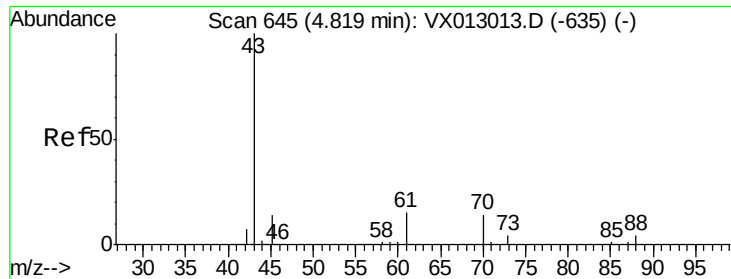


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

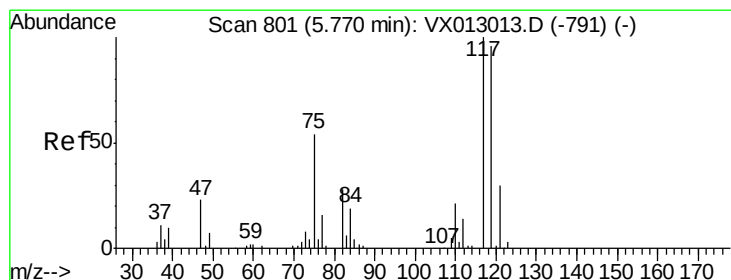
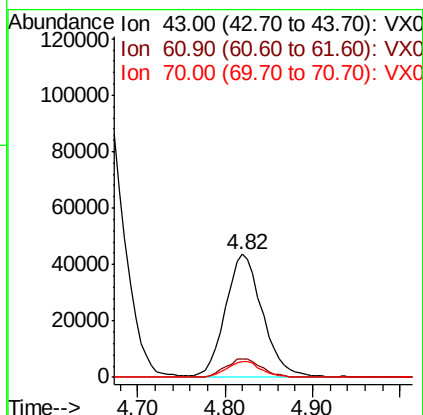
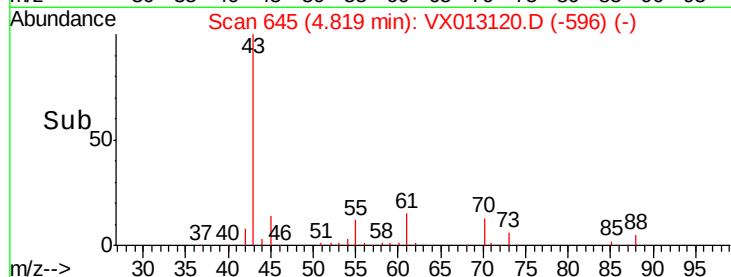
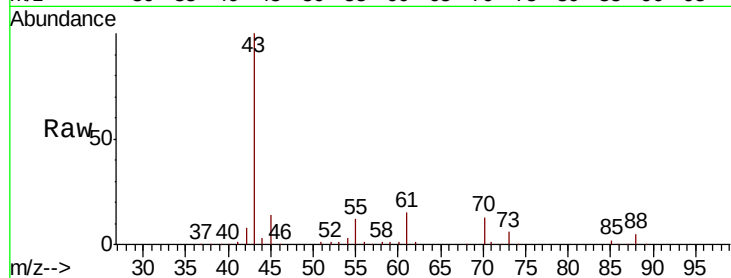




#37
Ethyl Acetate
Concen: 52.647 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013120.D
Acq: 17 Oct 2019 20:14

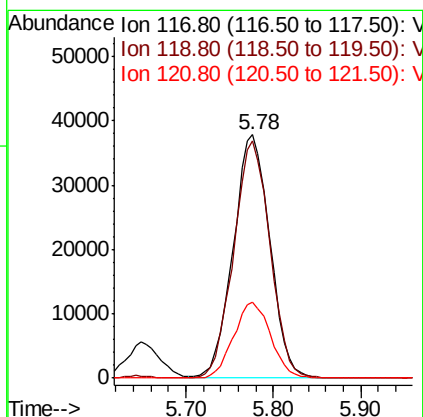
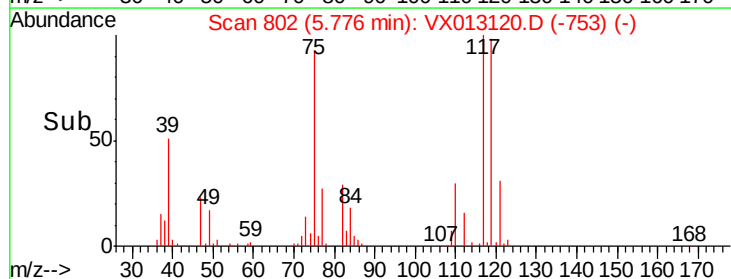
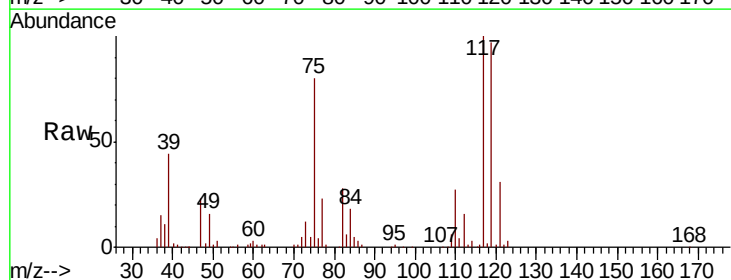
Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW0301CMSD

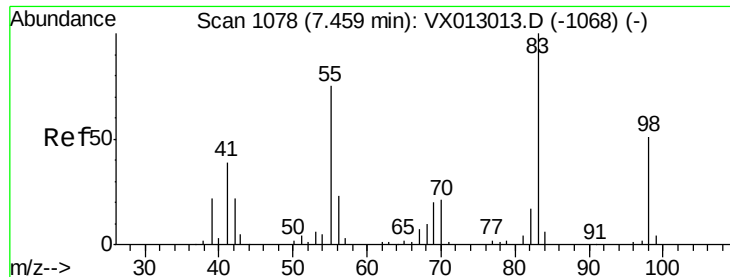
Tot Ion: 43 Resp: 125643
Ion Ratio Lower Upper
43 100
61 15.3 11.4 17.0
70 12.7 9.8 14.6



#38
Carbon Tetrachloride
Concen: 53.035 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX013120.D
Acq: 17 Oct 2019 20:14

Tgt Ion: 117 Resp: 110175
Ion Ratio Lower Upper
117 100
119 97.4 74.5 111.7
121 31.1 24.2 36.4

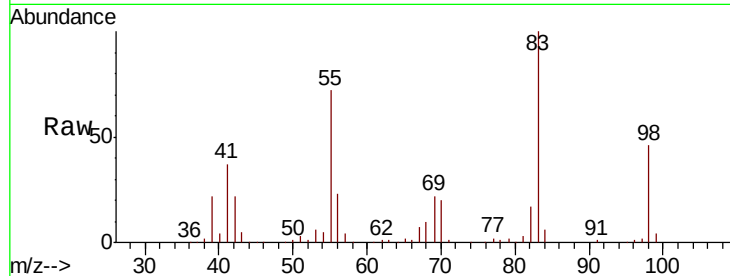




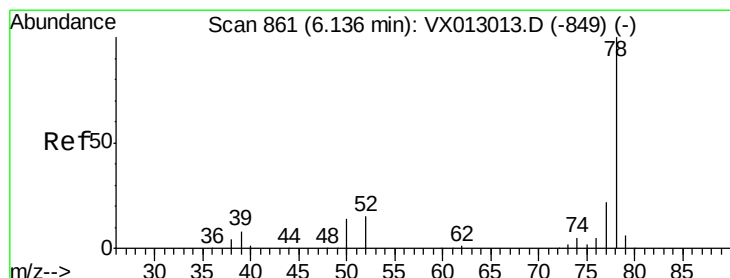
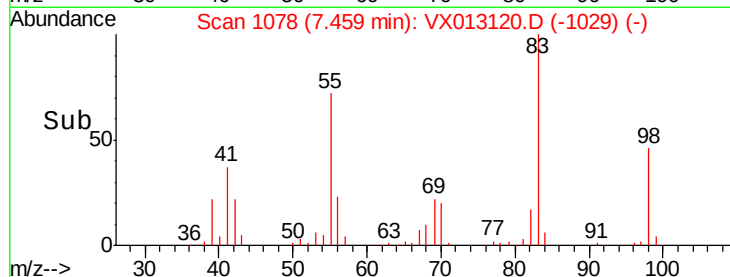
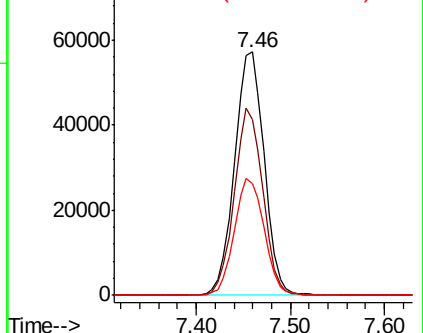
#39
Methylvlcyclohexane
Concen: 48.510 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX013120.D
Acq: 17 Oct 2019 20:14

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW0301CMSD

Tot Ion: 83 Resp: 125560
Ion Ratio Lower Upper
83 100
55 72.1 60.2 90.4
98 45.7 38.5 57.7

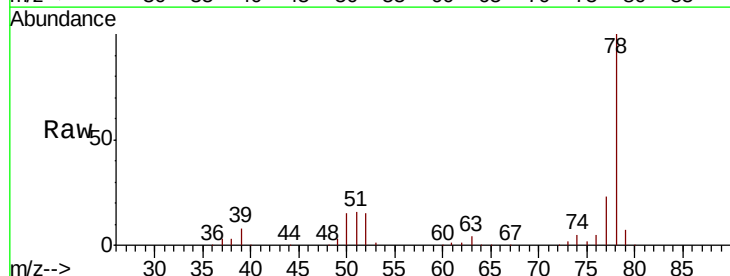


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

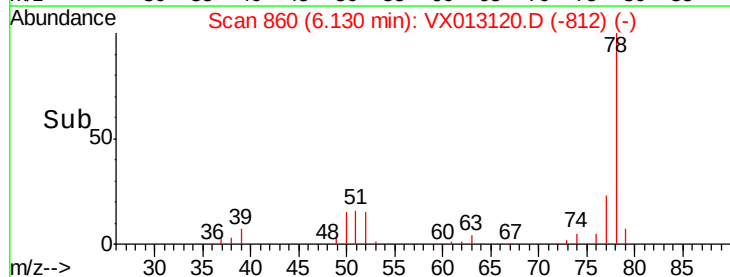
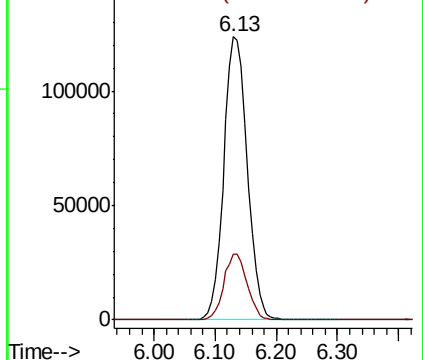


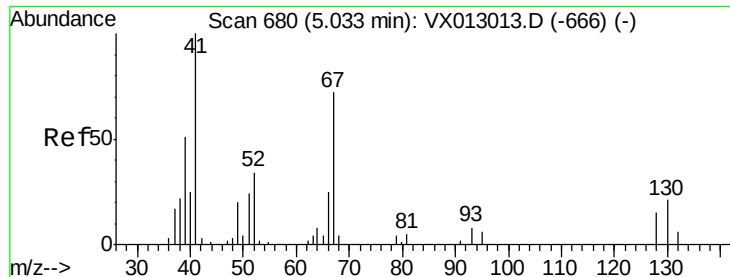
#40
Benzene
Concen: 52.391 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX013120.D
Acq: 17 Oct 2019 20:14

Tgt Ion: 78 Resp: 330253
Ion Ratio Lower Upper
78 100
77 23.3 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: 50.821 ug/l

RT: 5.03 min Scan# 680

Delta R.T. -0.00 min

Lab File: VX013120.D

Acq: 17 Oct 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW0301CMSD

Tot Ion: 41 Resp: 66645

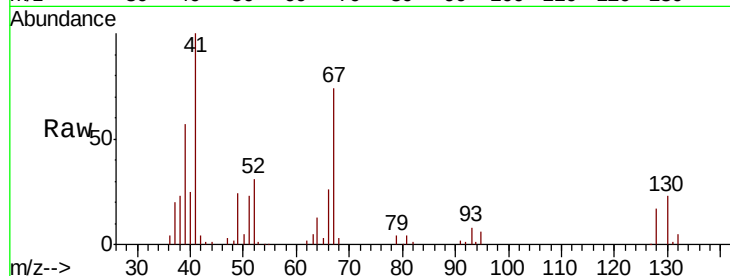
Ion Ratio Lower Upper

41 100

39 54.1 44.0 66.0

67 75.0 58.5 87.7

52 30.1 23.8 35.8

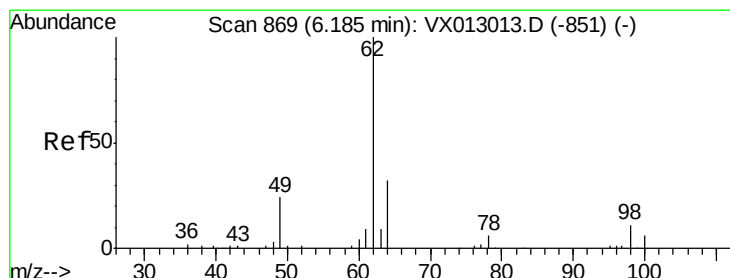
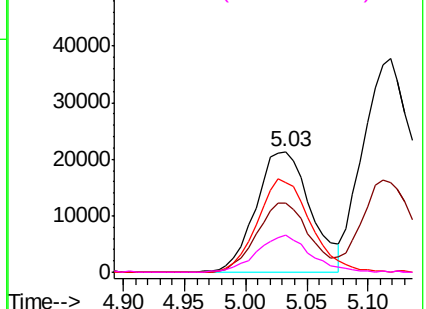
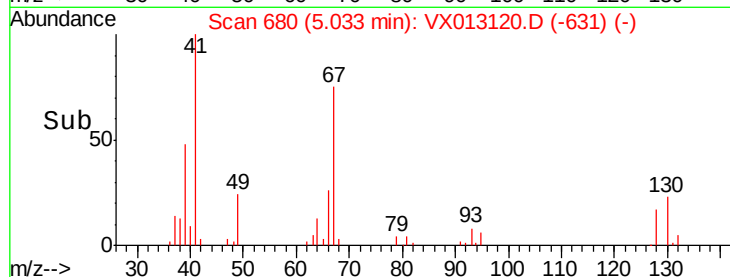


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 53.526 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.01 min

Lab File: VX013120.D

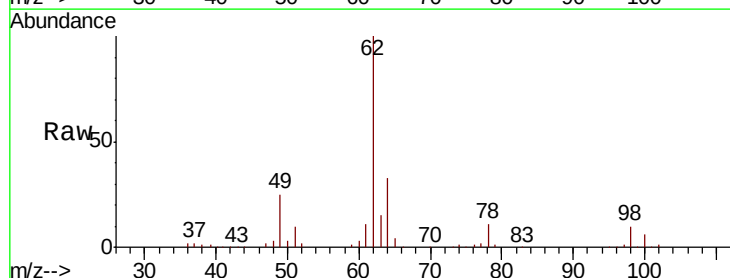
Acq: 17 Oct 2019 20:14

Tgt Ion: 62 Resp: 121072

Ion Ratio Lower Upper

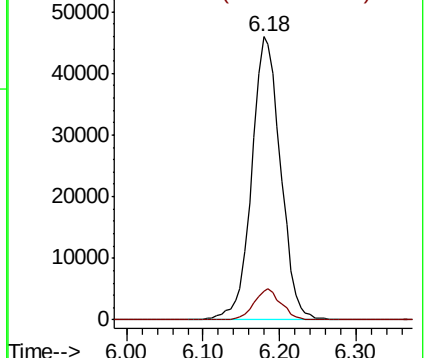
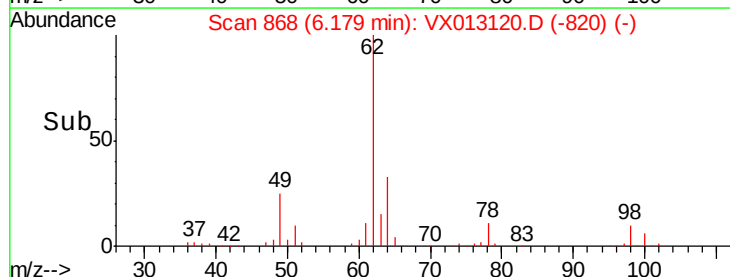
62 100

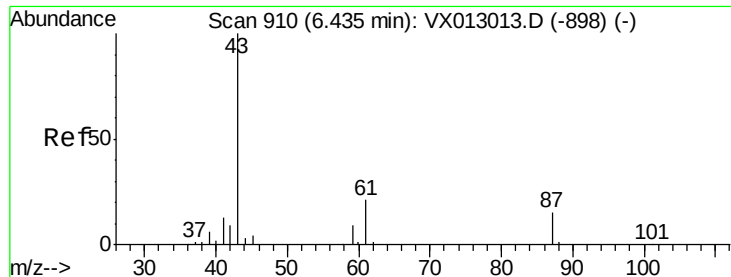
98 10.3 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 50.038 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX013120.D

Acq: 17 Oct 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW0301CMSD

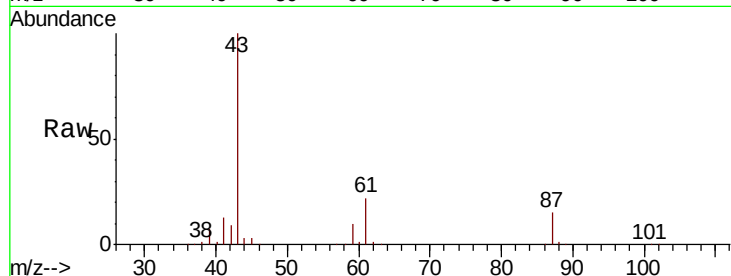
Tot Ion: 43 Resp: 191668

Ion Ratio Lower Upper

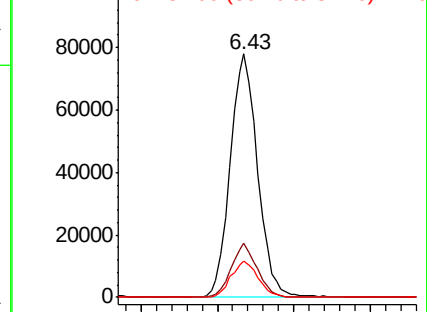
43 100

61 21.2 16.6 24.8

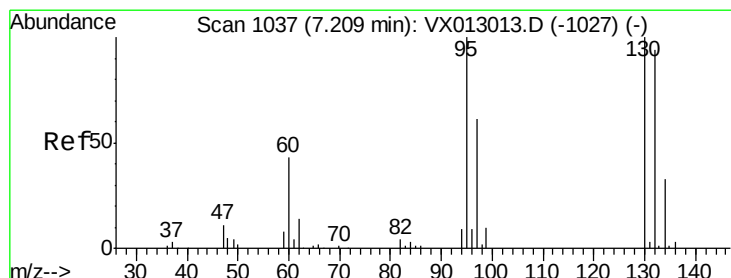
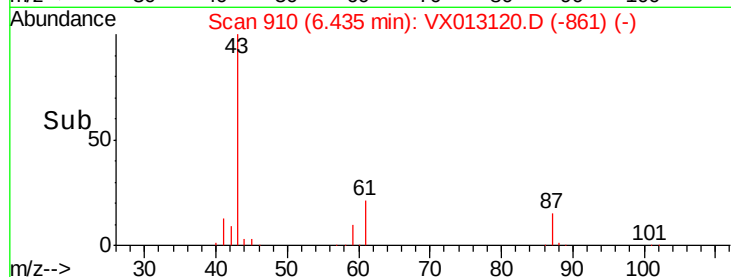
87 14.8 11.0 16.6



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



Time-->



#44

Trichloroethene

Concen: 69.868 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. -0.00 min

Lab File: VX013120.D

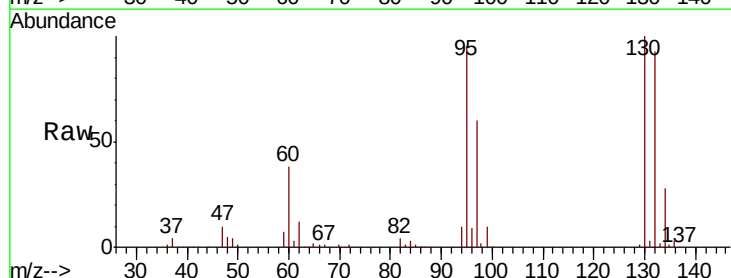
Acq: 17 Oct 2019 20:14

Tgt Ion:130 Resp: 122129

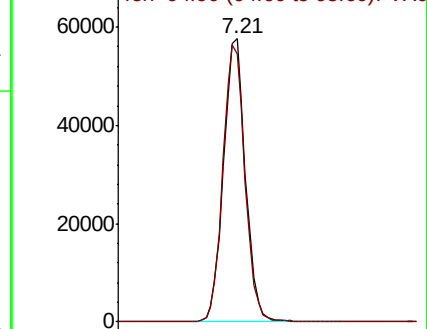
Ion Ratio Lower Upper

130 100

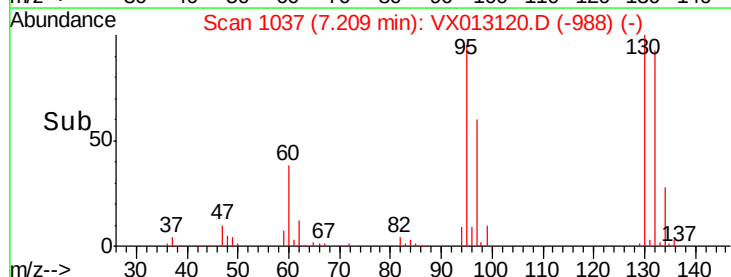
95 94.9 0.0 189.2

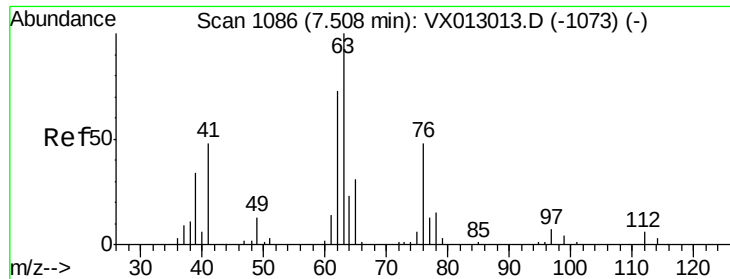


Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0



Time-->

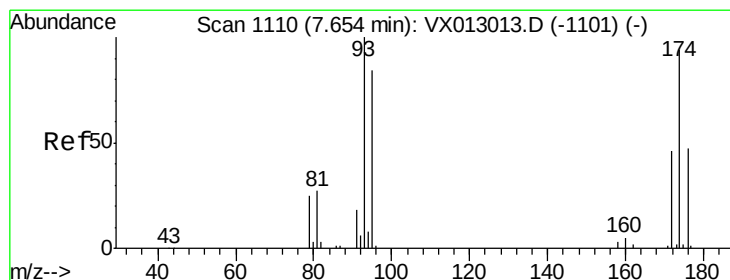
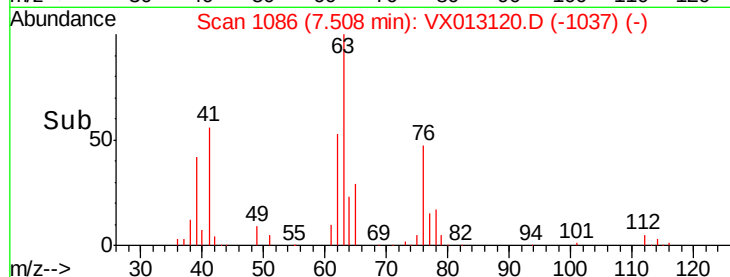
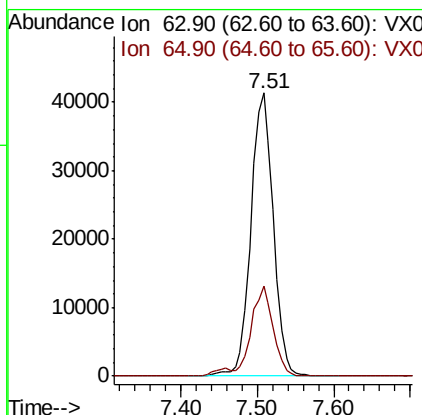
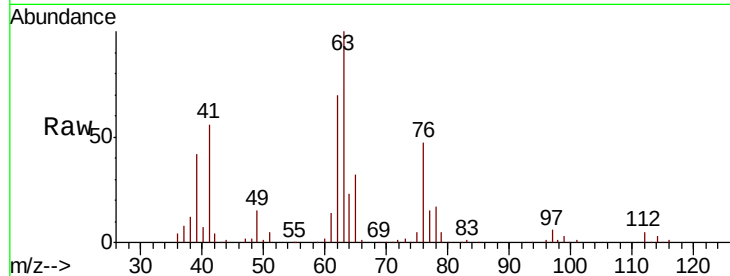




#45
 1,2-Dichloropropane
 Concen: 52.682 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX013120.D
 Acq: 17 Oct 2019 20:14

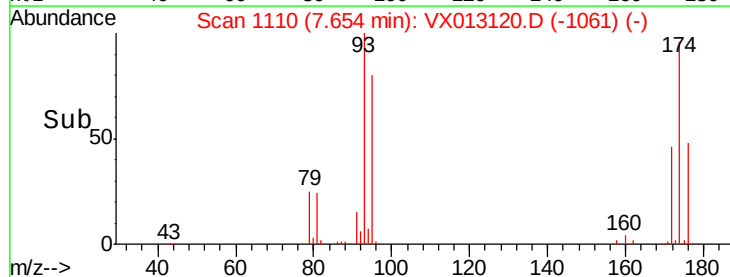
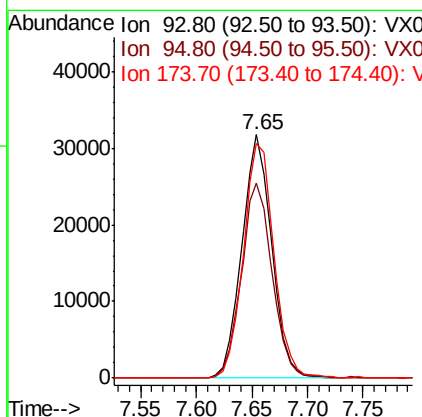
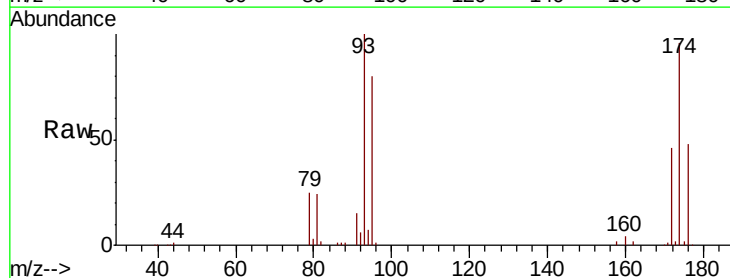
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW0301CMSD

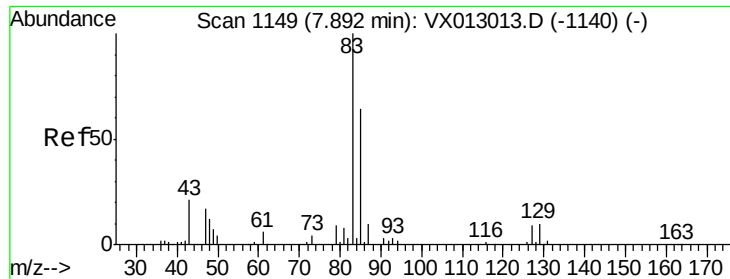
Tot Ion: 63 Resp: 84638
 Ion Ratio Lower Upper
 63 100
 65 31.6 24.6 37.0



#46
 Dibromomethane
 Concen: 55.230 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX013120.D
 Acq: 17 Oct 2019 20:14

Tgt Ion: 93 Resp: 59118
 Ion Ratio Lower Upper
 93 100
 95 82.6 66.3 99.5
 174 99.1 77.8 116.6





#47

Bromodichloromethane

Concen: 56.053 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013120.D

Acq: 17 Oct 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW0301CMSD

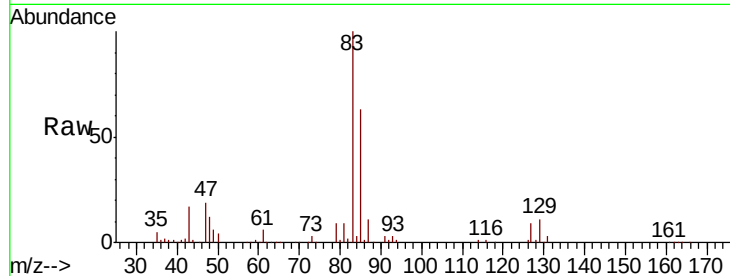
Tot Ion: 83 Resp: 117090

Ion Ratio Lower Upper

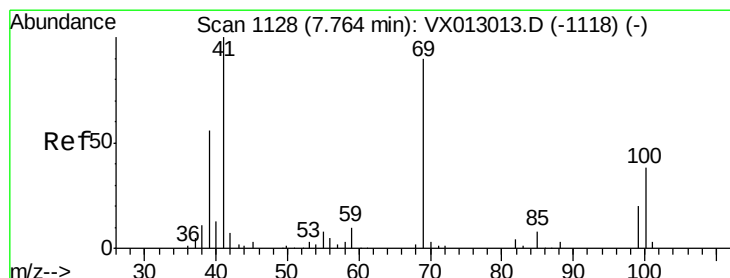
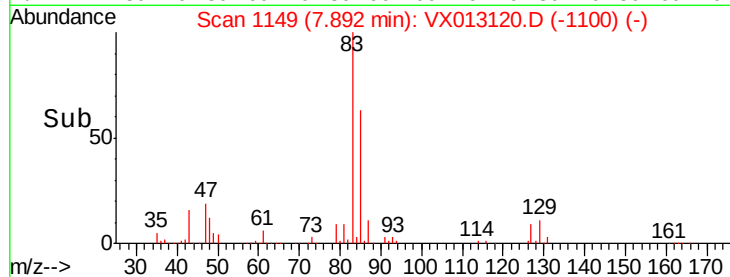
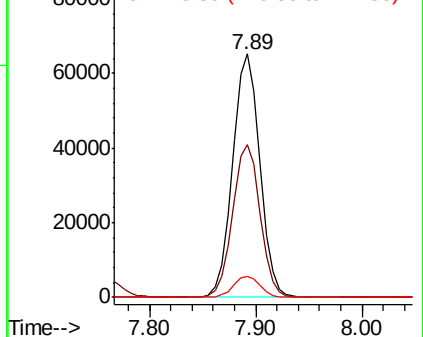
83 100

85 62.7 52.4 78.6

127 8.7 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: 51.108 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX013120.D

Acq: 17 Oct 2019 20:14

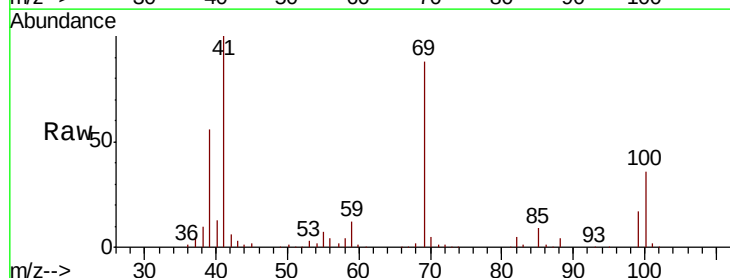
Tgt Ion: 41 Resp: 95400

Ion Ratio Lower Upper

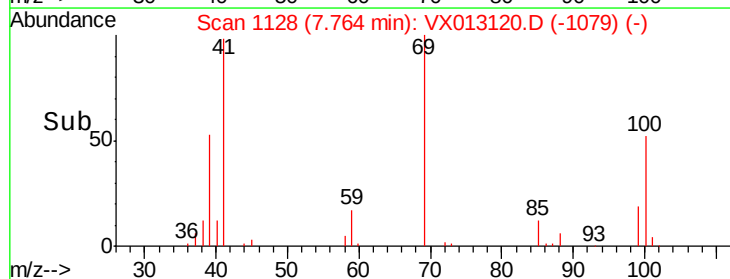
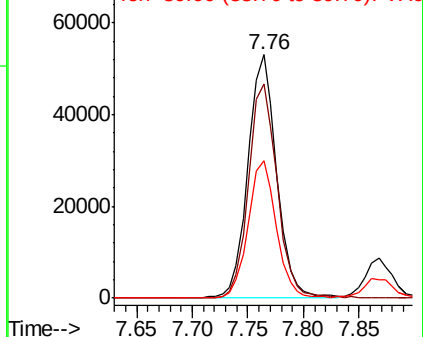
41 100

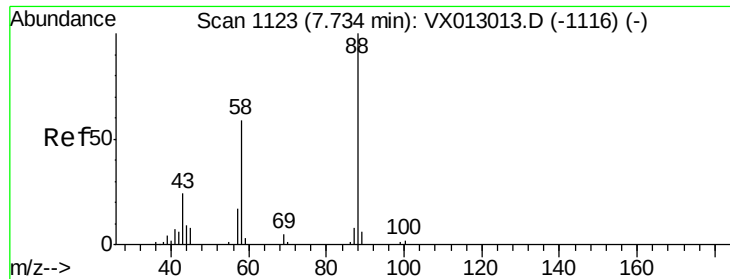
69 88.3 68.7 103.1

39 55.6 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

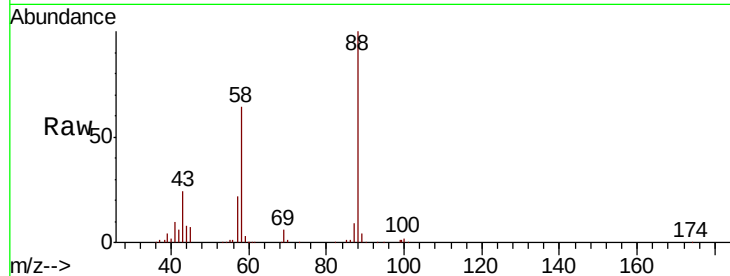




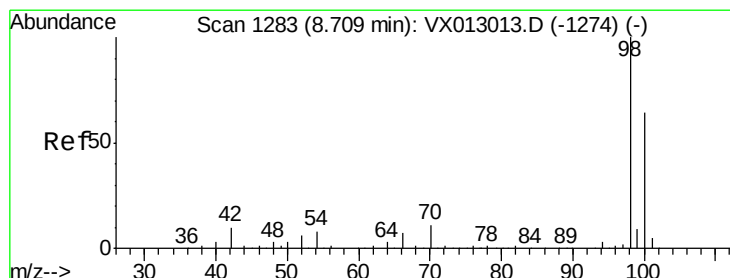
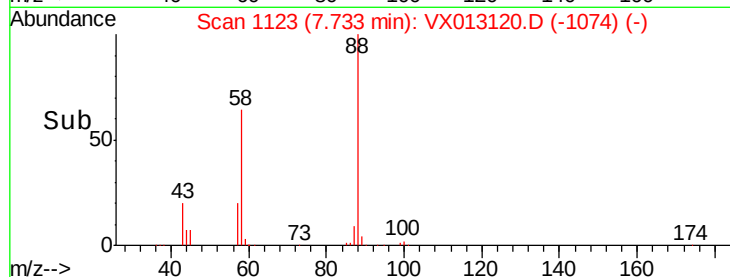
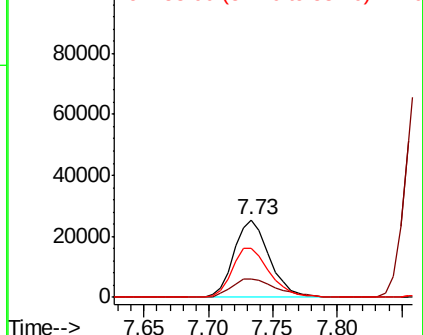
#49
1,4-Dioxane
Concen: 966.771 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX013120.D
Acq: 17 Oct 2019 20:14

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW0301CMSD

Tot Ion: 88 Resp: 48367
Ion Ratio Lower Upper
88 100
43 30.8 25.0 37.6
58 67.8 55.4 83.2

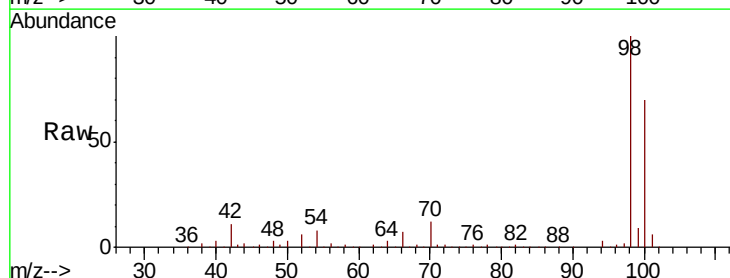


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

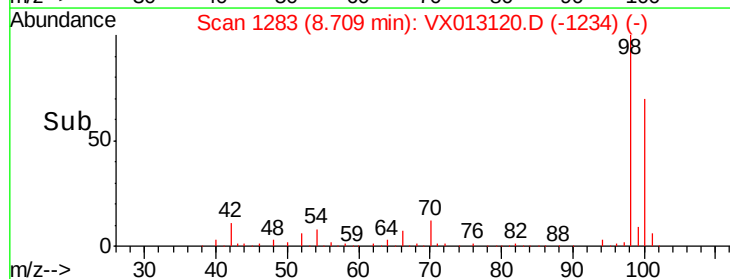
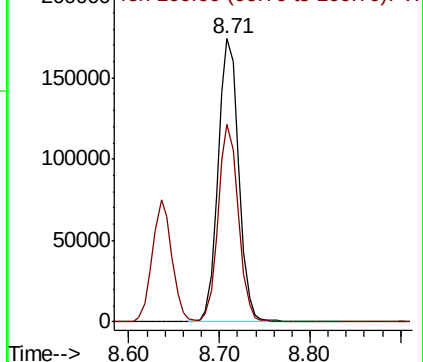


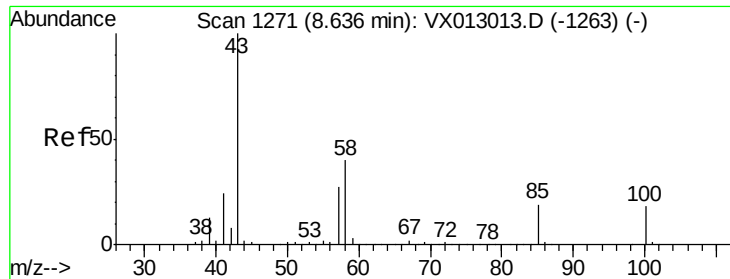
#50
Toluene-d8
Concen: 50.911 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013120.D
Acq: 17 Oct 2019 20:14

Tgt Ion: 98 Resp: 276652
Ion Ratio Lower Upper
98 100
100 67.8 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 257.097 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX013120.D

Acq: 17 Oct 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

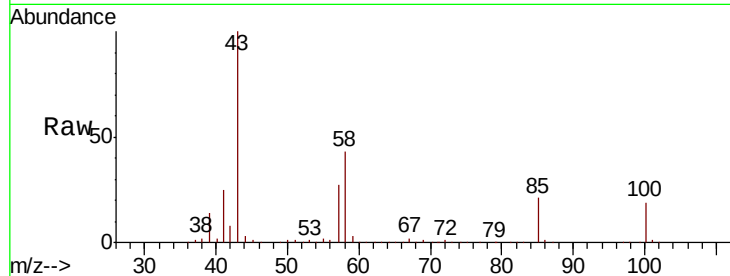
FA19-JMW0301CMSD

Tot Ion: 43 Resp: 614002

Ion Ratio Lower Upper

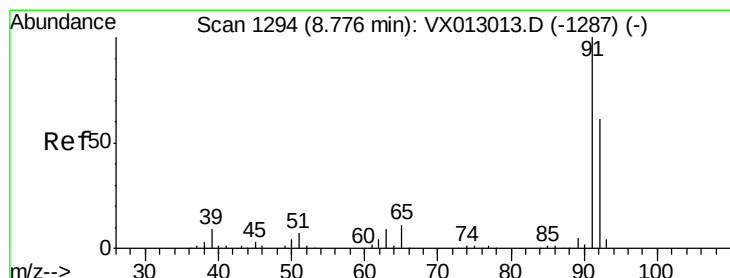
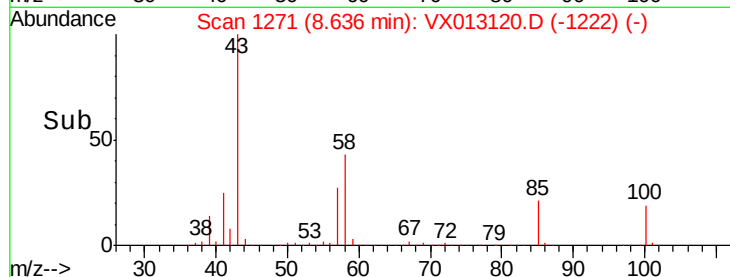
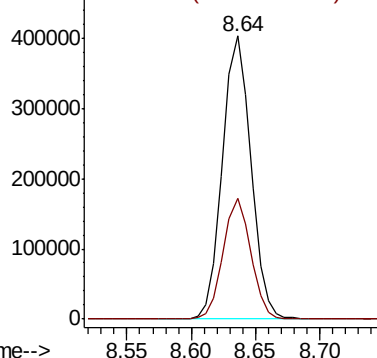
43 100

58 41.7 32.4 48.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 53.267 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013120.D

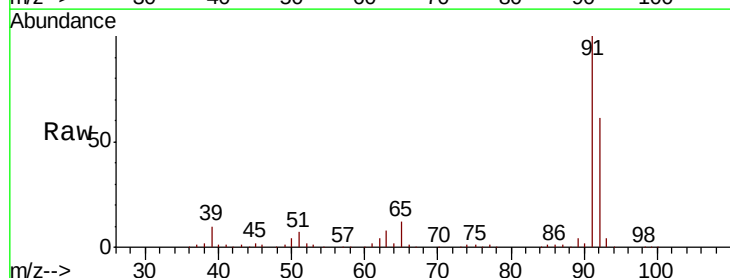
Acq: 17 Oct 2019 20:14

Tgt Ion: 92 Resp: 214813

Ion Ratio Lower Upper

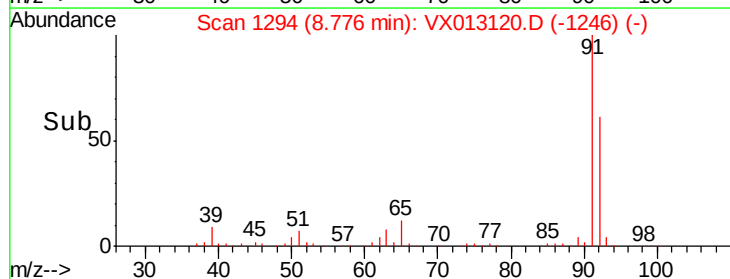
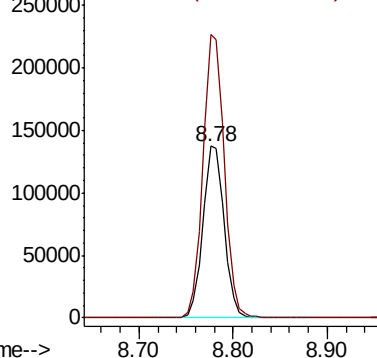
92 100

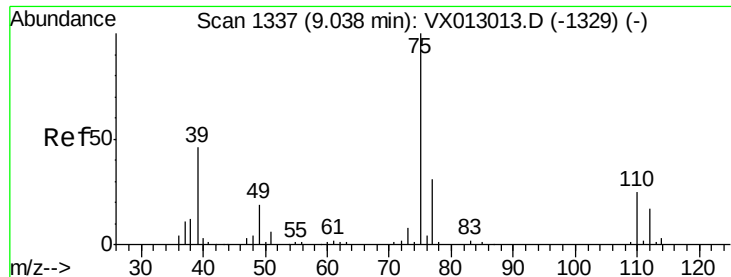
91 165.4 135.9 203.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

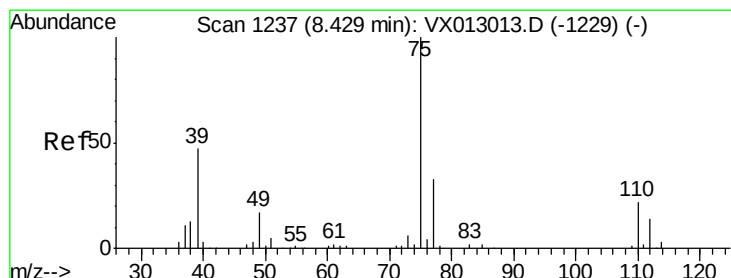
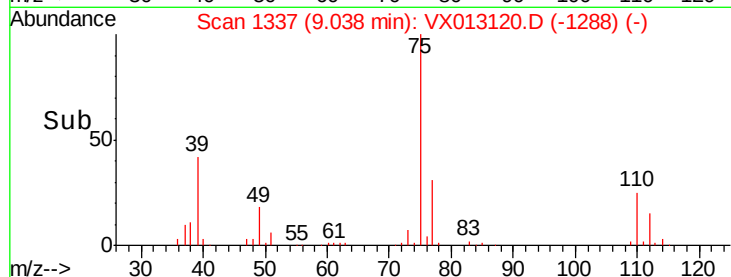
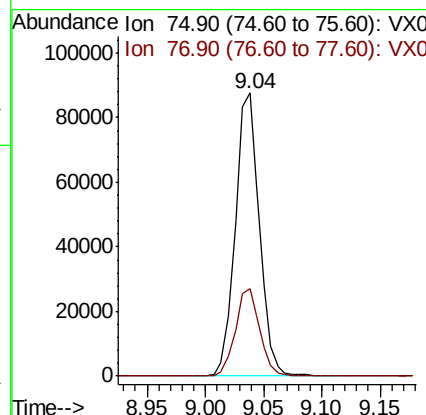
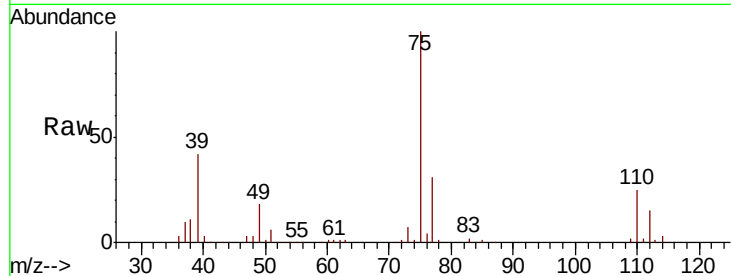




#53
t-1,3-Dichloropropene
Concen: 48.514 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX013120.D
Acq: 17 Oct 2019 20:14

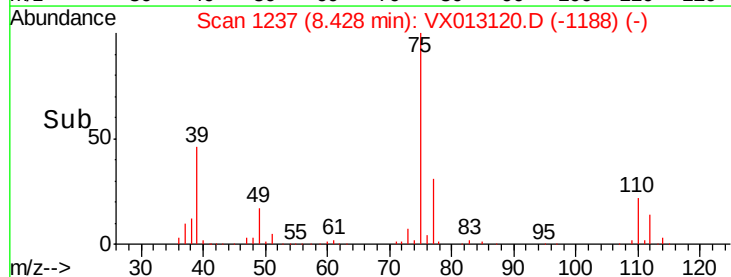
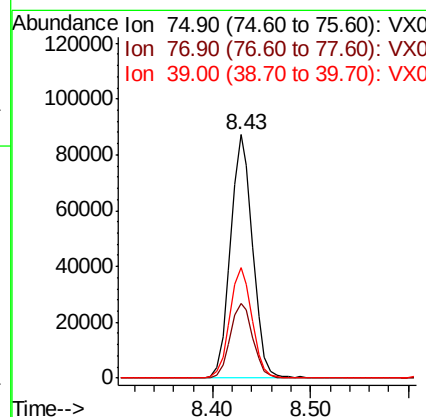
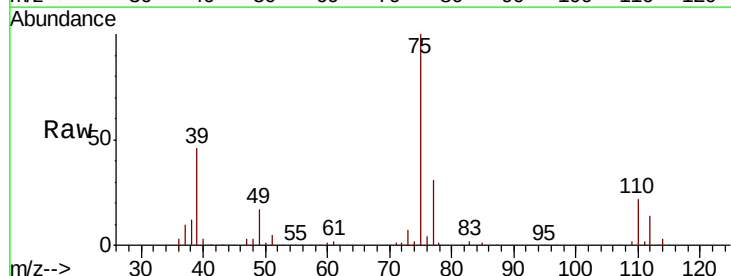
Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW0301CMSD

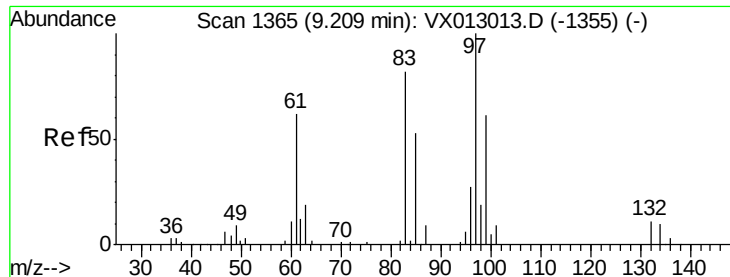
Tot Ion: 75 Resp: 126293
Ion Ratio Lower Upper
75 100
77 30.9 25.8 38.6



#54
cis-1,3-Dichloropropene
Concen: 53.251 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX013120.D
Acq: 17 Oct 2019 20:14

Tgt Ion: 75 Resp: 136811
Ion Ratio Lower Upper
75 100
77 30.7 25.8 38.8
39 45.5 38.2 57.2

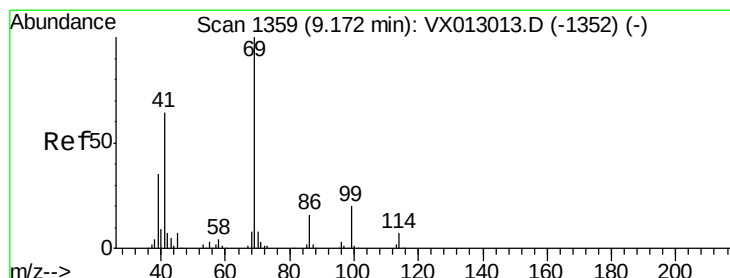
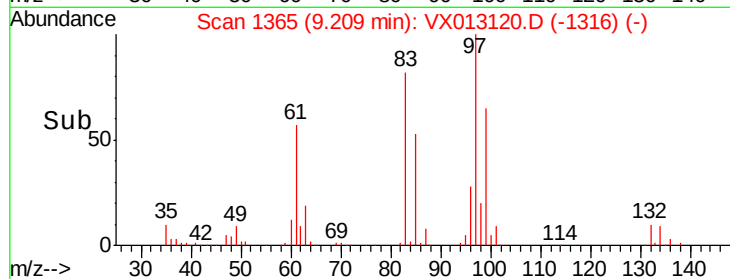
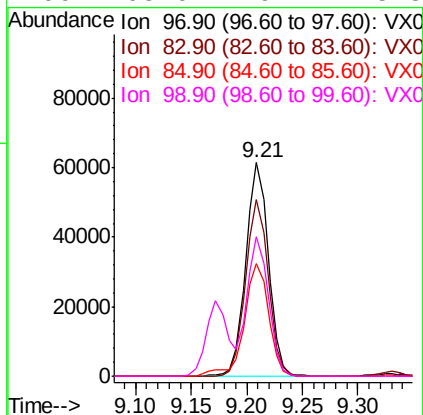
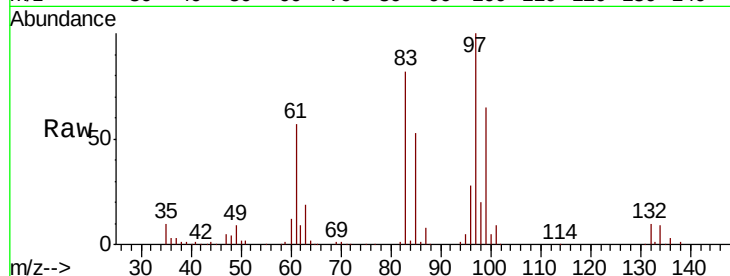




#55
 1,1,2-Trichloroethane
 Concen: 54.572 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013120.D
 Acq: 17 Oct 2019 20:14

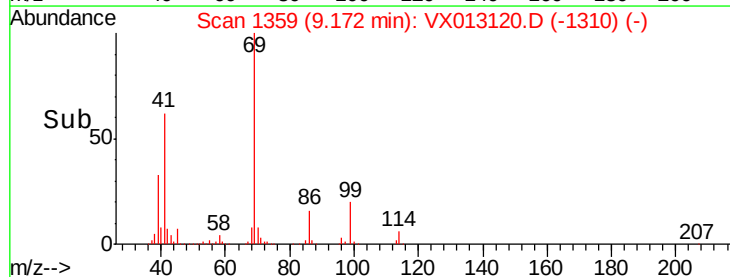
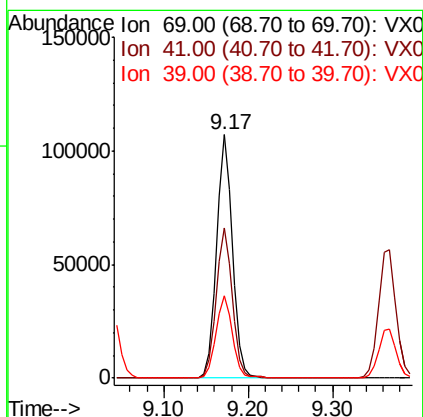
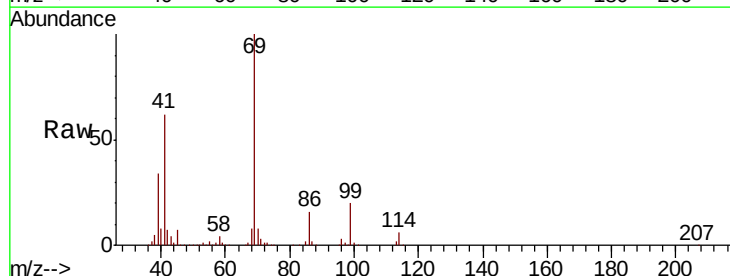
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW0301CMSD

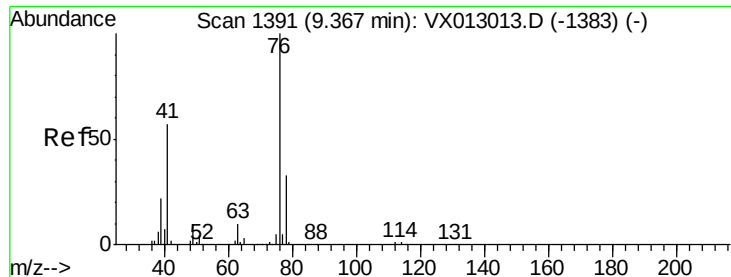
Tot Ion:	97	Resp:	87094
Ion	Ratio	Lower	Upper
97	100		
83	82.4	66.5	99.7
85	52.6	43.1	64.7
99	65.0	49.2	73.8



#56
 Ethyl methacrylate
 Concen: 49.298 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013120.D
 Acq: 17 Oct 2019 20:14

Tgt Ion:	69	Resp:	140809
Ion	Ratio	Lower	Upper
69	100		
41	62.4	52.1	78.1
39	34.5	27.8	41.8

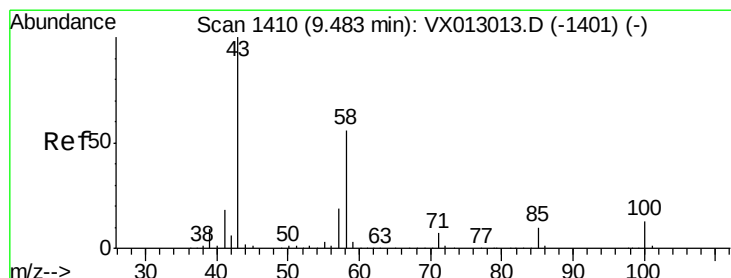
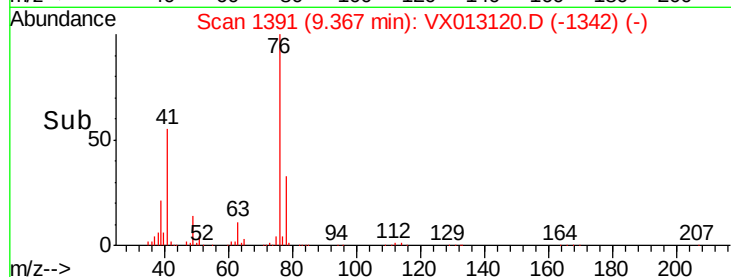
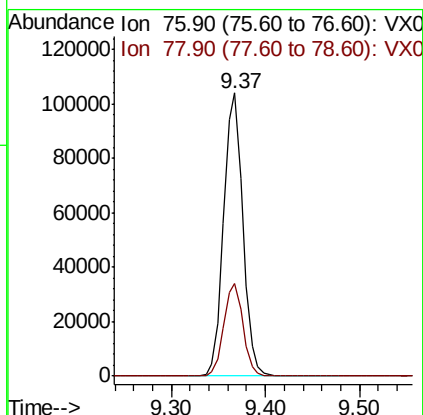
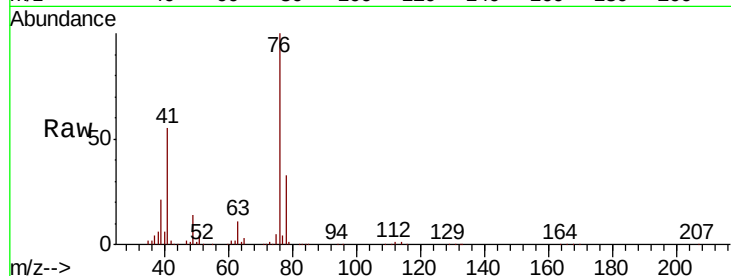




#57
 1,3-Dichloropropane
 Concen: 53.232 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX013120.D
 Acq: 17 Oct 2019 20:14

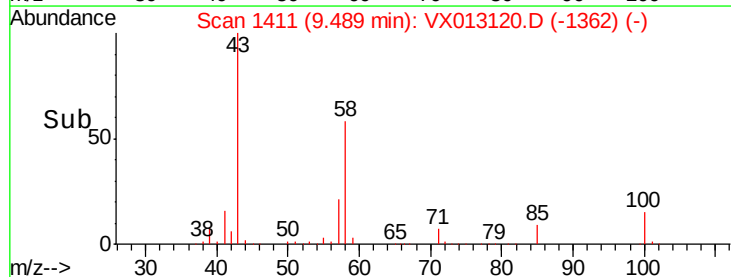
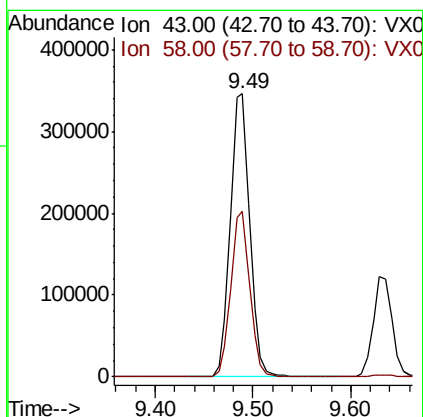
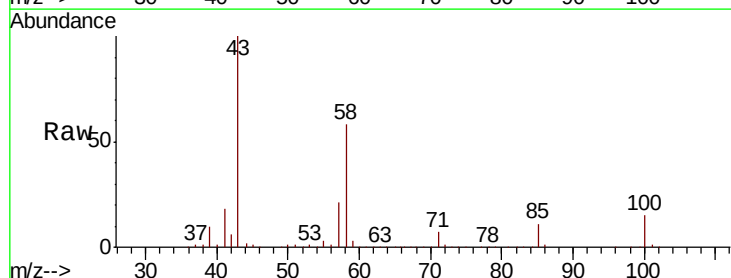
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW0301CMSD

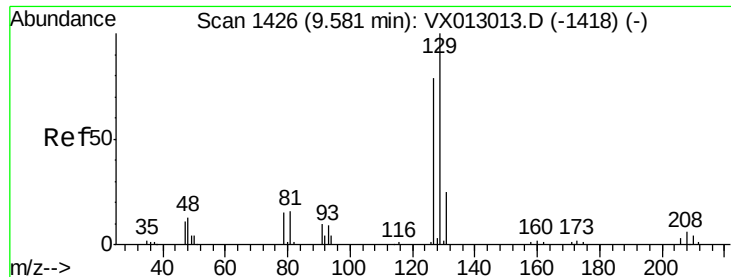
Tot Ion: 76 Resp: 146958
 Ion Ratio Lower Upper
 76 100
 78 32.7 26.1 39.1



#59
 2-Hexanone
 Concen: 258.005 ug/l
 RT: 9.49 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX013120.D
 Acq: 17 Oct 2019 20:14

Tgt Ion: 43 Resp: 479649
 Ion Ratio Lower Upper
 43 100
 58 57.1 28.1 84.3

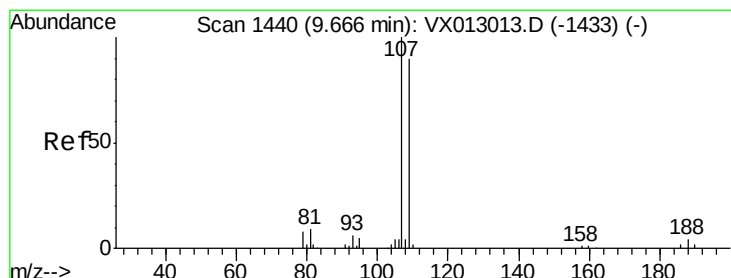
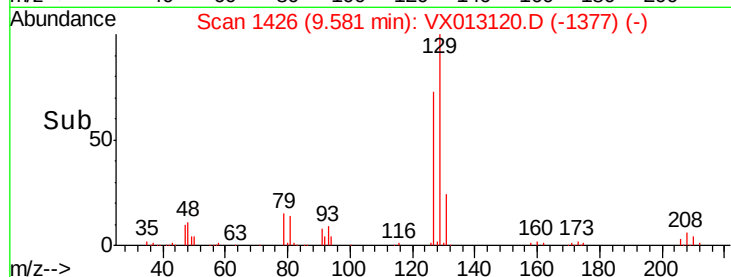
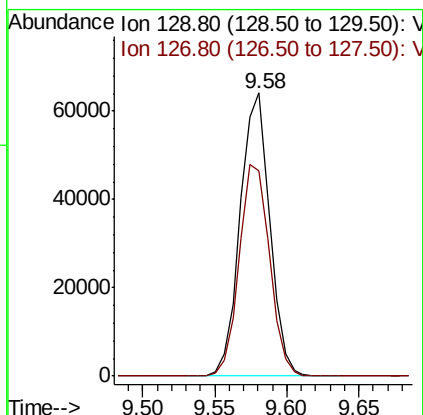
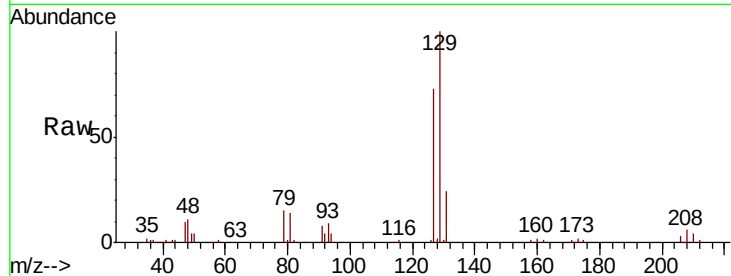




#60
 Dibromochloromethane
 Concen: 51.406 ug/l
 RT: 9.58 min Scan# 1426
 Delta R.T. 0.00 min
 Lab File: VX013120.D
 Acq: 17 Oct 2019 20:14

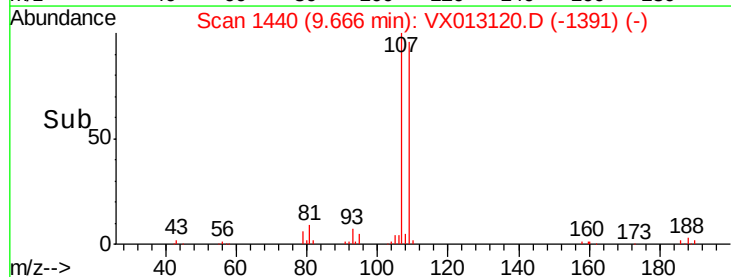
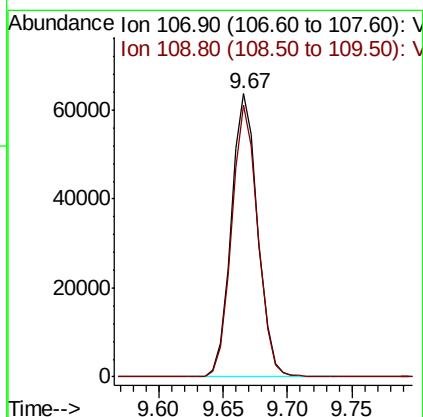
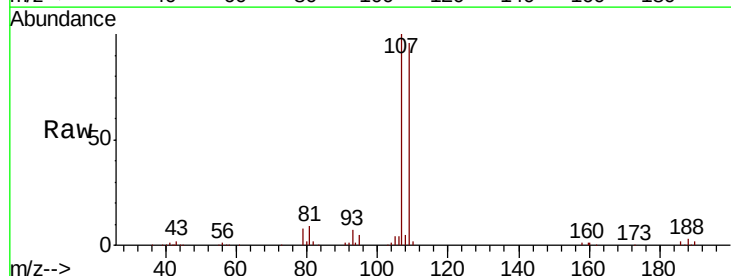
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW0301CMSD

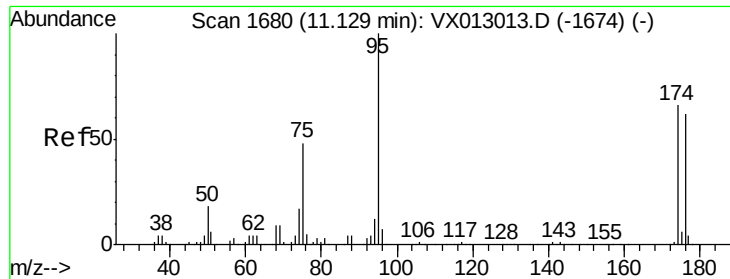
Tot Ion:129 Resp: 91394
 Ion Ratio Lower Upper
 129 100
 127 76.8 38.9 116.7



#61
 1,2-Dibromoethane
 Concen: 54.284 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VX013120.D
 Acq: 17 Oct 2019 20:14

Tgt Ion:107 Resp: 91135
 Ion Ratio Lower Upper
 107 100
 109 94.9 75.8 113.6





#62

4-Bromofluorobenzene

Concen: 51.848 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX013120.D

Acq: 17 Oct 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW0301CMSD

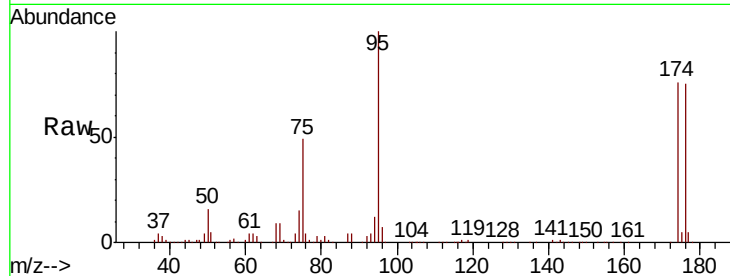
Tot Ion: 95 Resp: 109474

Ion Ratio Lower Upper

95 100

174 73.8 0.0 143.4

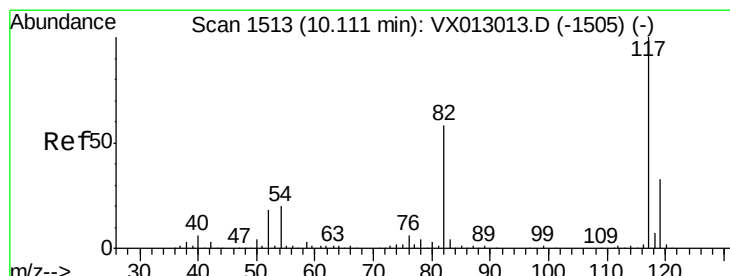
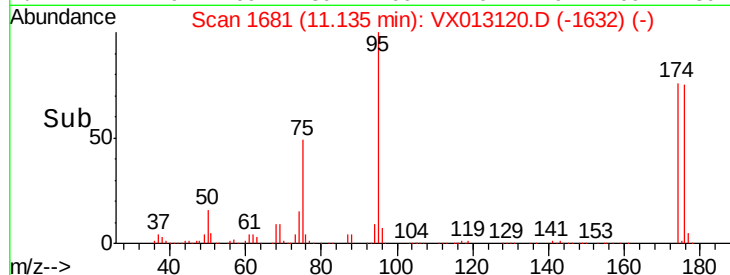
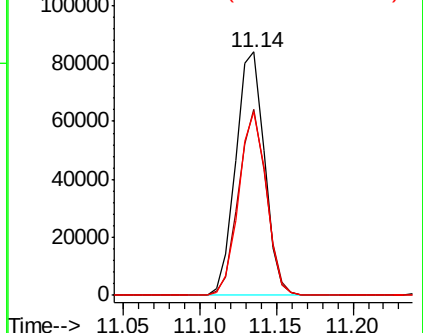
176 72.3 0.0 136.0



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: VX013120.D

Acq: 17 Oct 2019 20:14

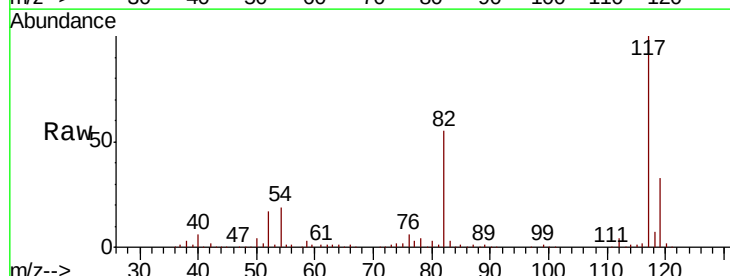
Tgt Ion: 117 Resp: 222330

Ion Ratio Lower Upper

117 100

82 55.2 44.1 66.1

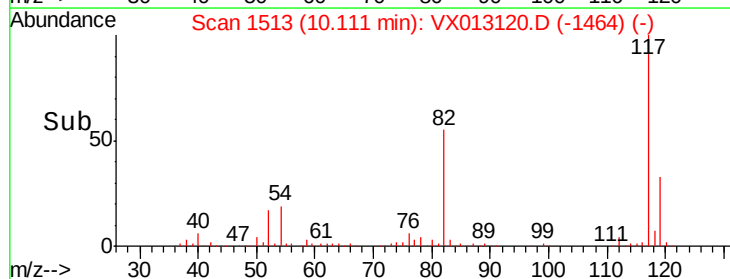
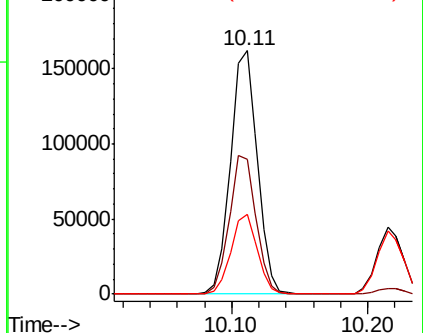
119 32.9 25.8 38.8

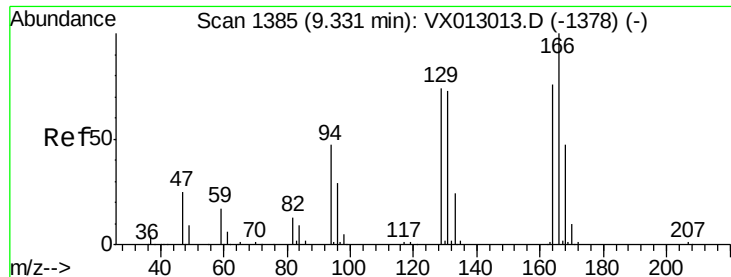


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

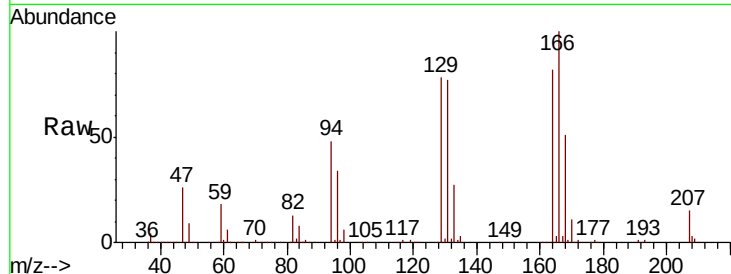




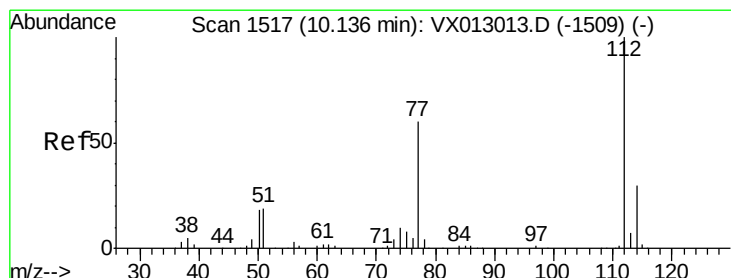
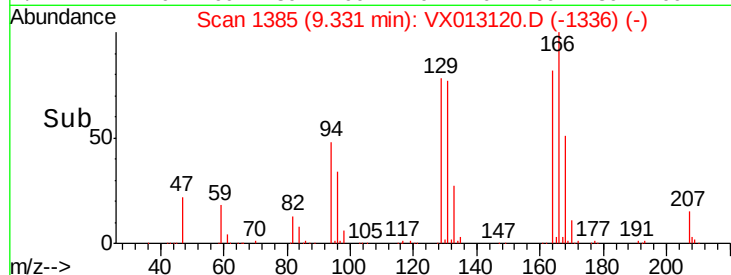
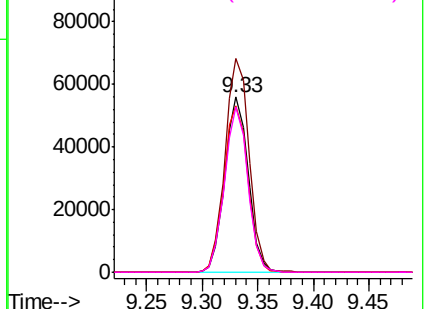
#64
Tetrachloroethene
Concen: 52.770 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013120.D
Acq: 17 Oct 2019 20:14

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW0301CMSD

Tot Ion:164 Resp: 81376
Ion Ratio Lower Upper
164 100
166 122.1 96.9 145.3
129 95.0 77.9 116.9
131 94.4 72.7 109.1

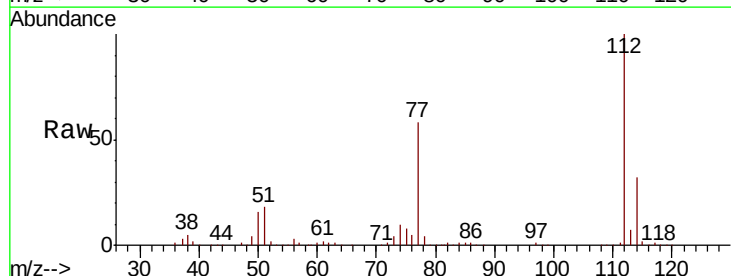


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

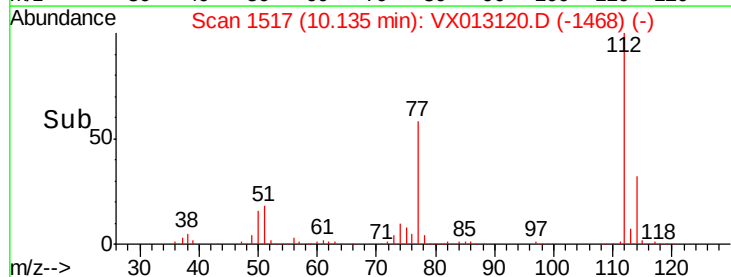
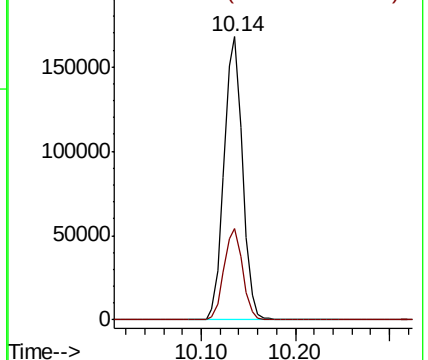


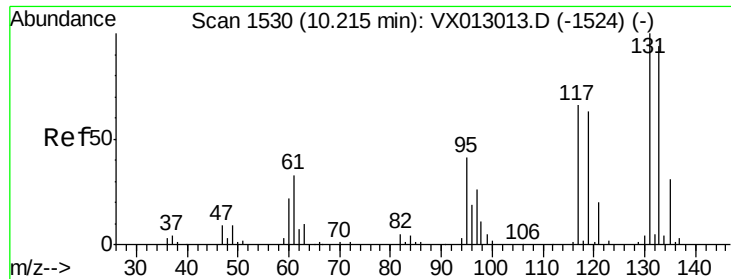
#65
Chlorobenzene
Concen: 51.756 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX013120.D
Acq: 17 Oct 2019 20:14

Tgt Ion:112 Resp: 228509
Ion Ratio Lower Upper
112 100
114 32.1 25.7 38.5



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

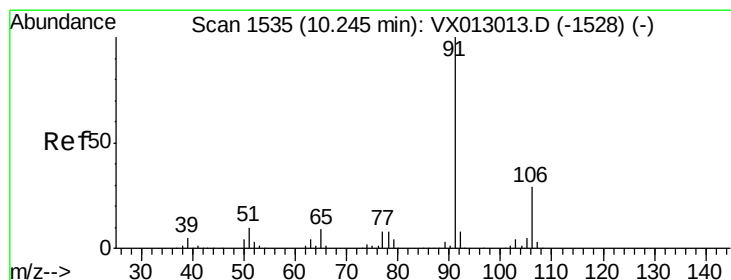
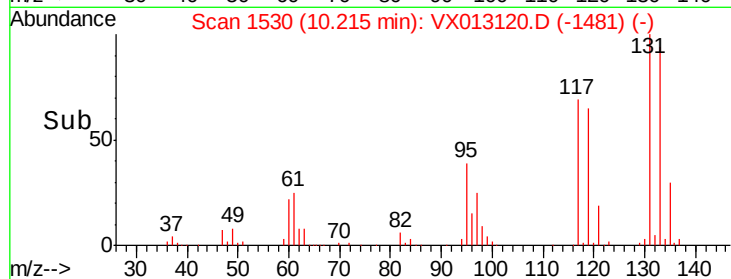
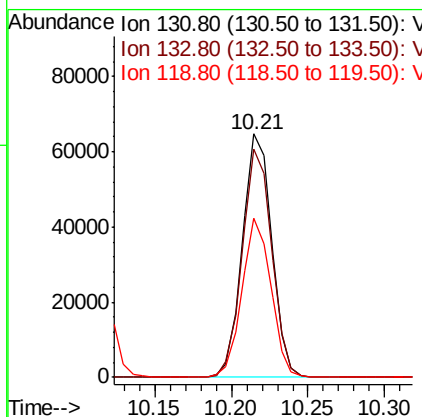
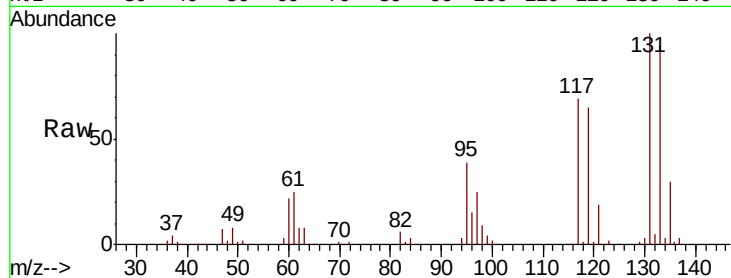




#66
 1,1,1,2-Tetrachloroethane
 Concen: 56.255 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VX013120.D
 Acq: 17 Oct 2019 20:14

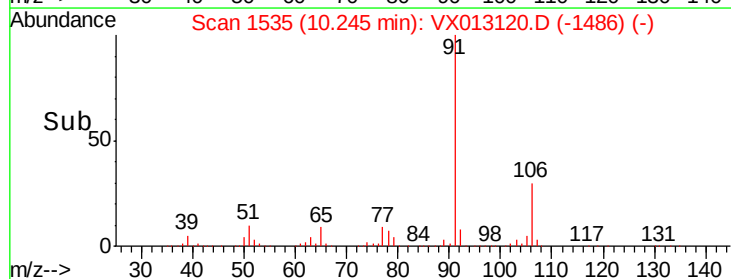
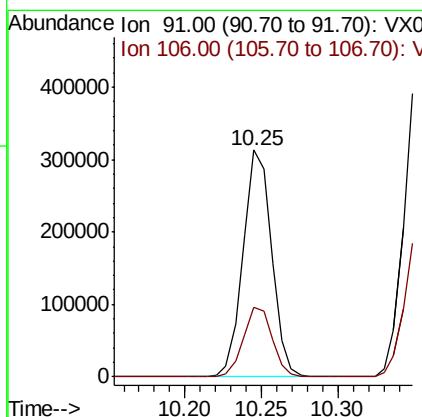
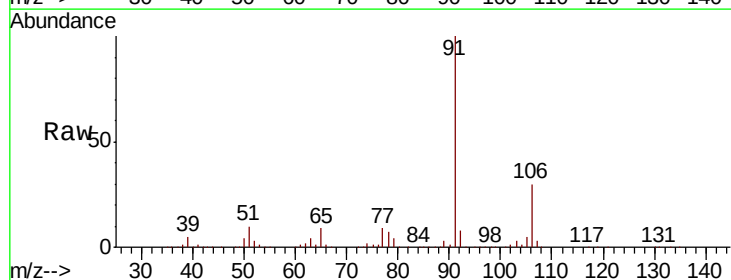
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW0301CMSD

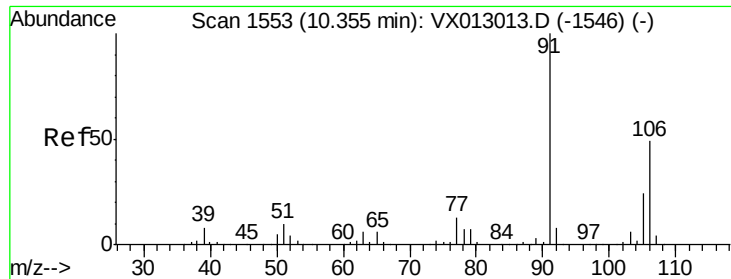
Tot Ion:131 Resp: 86117
 Ion Ratio Lower Upper
 131 100
 133 94.7 47.2 141.6
 119 64.8 32.6 98.0



#67
 Ethyl Benzene
 Concen: 52.009 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VX013120.D
 Acq: 17 Oct 2019 20:14

Tgt Ion: 91 Resp: 407886
 Ion Ratio Lower Upper
 91 100
 106 30.5 23.9 35.9





#68

m/p-Xylenes

Concen: 104.973 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX013120.D

Acq: 17 Oct 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

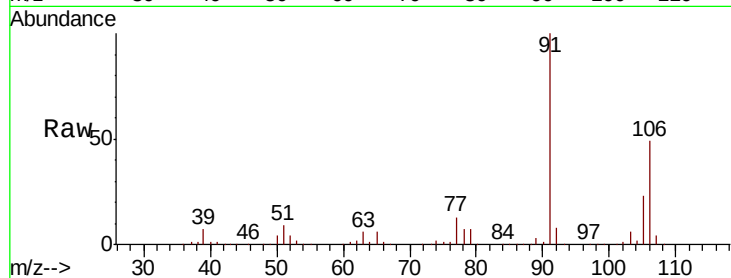
FA19-JMW0301CMSD

Tot Ion:106 Resp: 307553

Ion Ratio Lower Upper

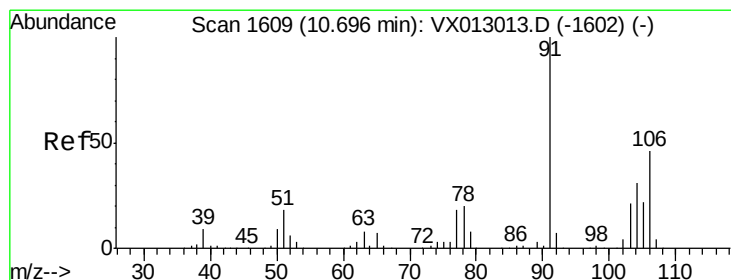
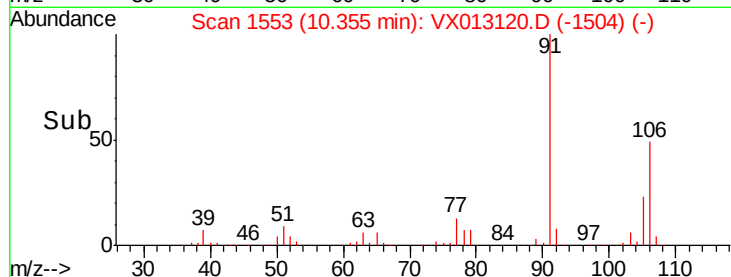
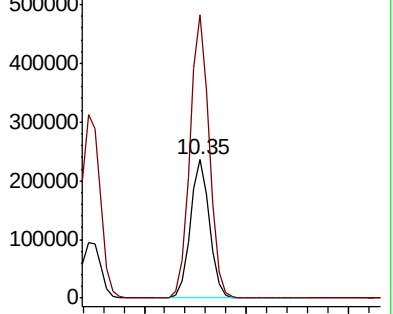
106 100

91 206.1 165.3 247.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 53.181 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. -0.00 min

Lab File: VX013120.D

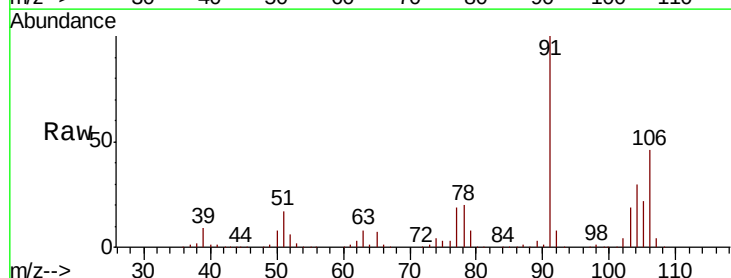
Acq: 17 Oct 2019 20:14

Tgt Ion:106 Resp: 151943

Ion Ratio Lower Upper

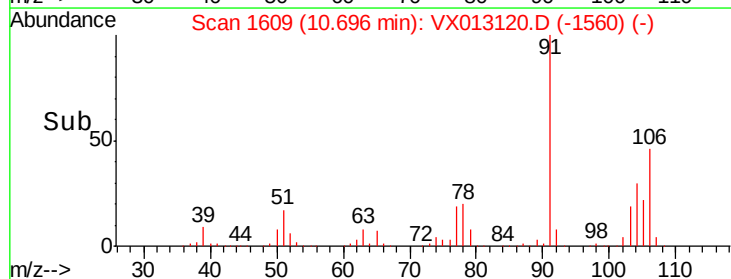
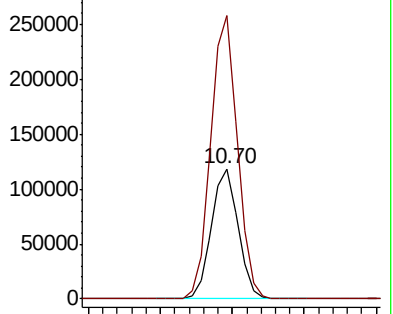
106 100

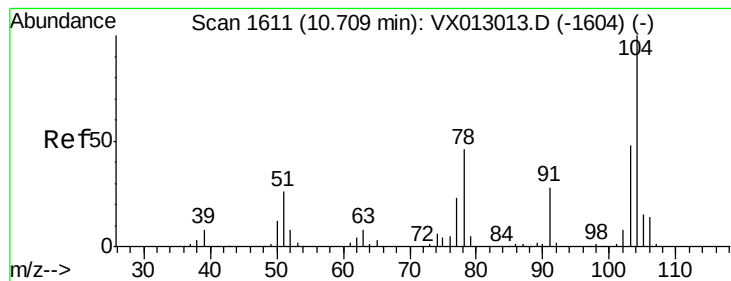
91 217.0 109.1 327.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#70

Stvrene

Concen: 53.541 ug/l

RT: 10.71 min Scan# 1611

Delta R.T. -0.00 min

Lab File: VX013120.D

Acq: 17 Oct 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW0301CMSD

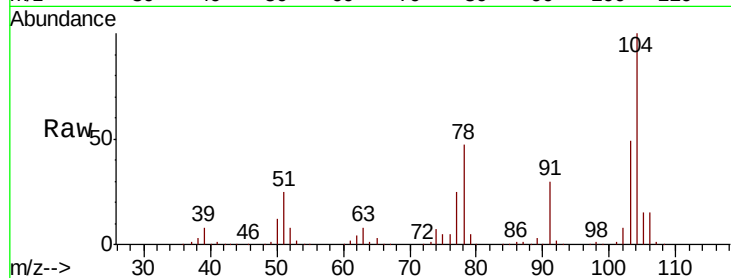
Tot Ion:104 Resp: 260056

Ion Ratio Lower Upper

104 100

78 52.8 41.2 61.8

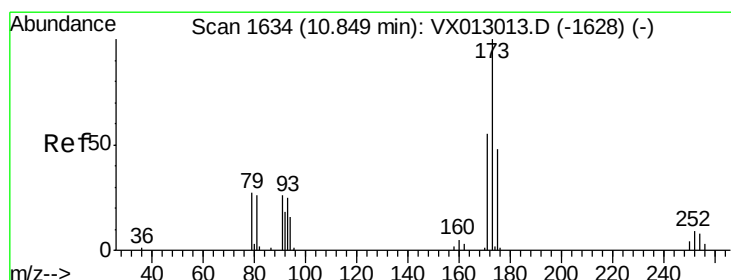
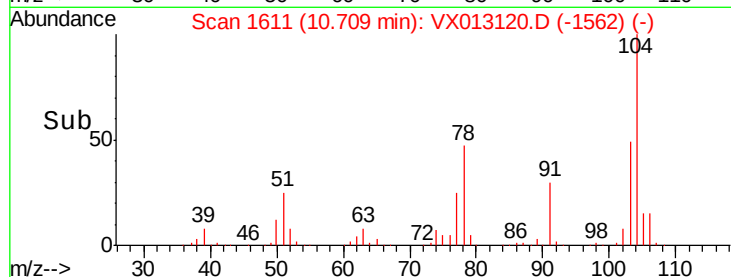
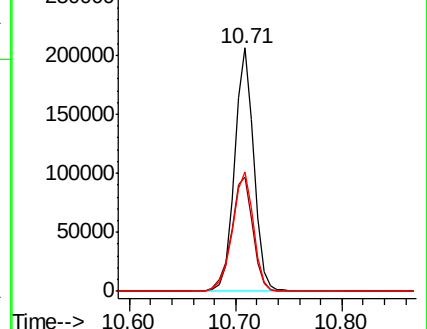
103 53.8 43.0 64.4



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 48.559 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX013120.D

Acq: 17 Oct 2019 20:14

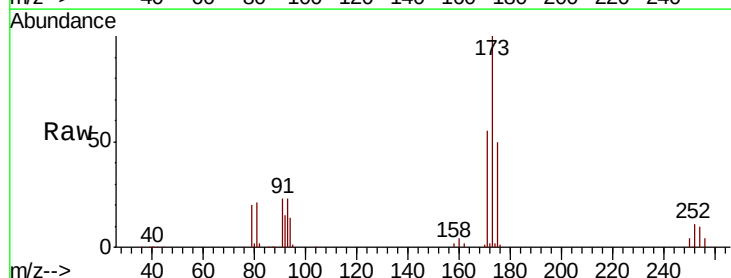
Tgt Ion:173 Resp: 63201

Ion Ratio Lower Upper

173 100

175 49.3 24.1 72.3

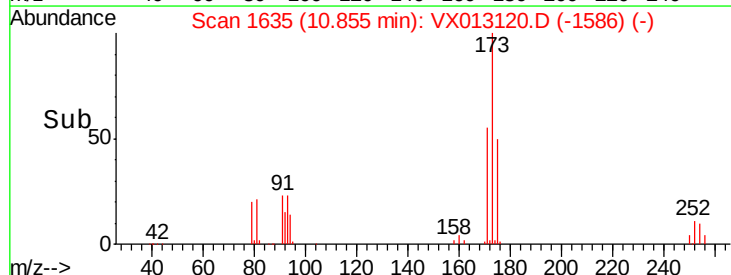
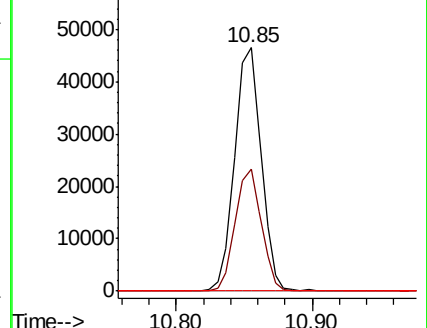
254 0.2 0.1 0.1#

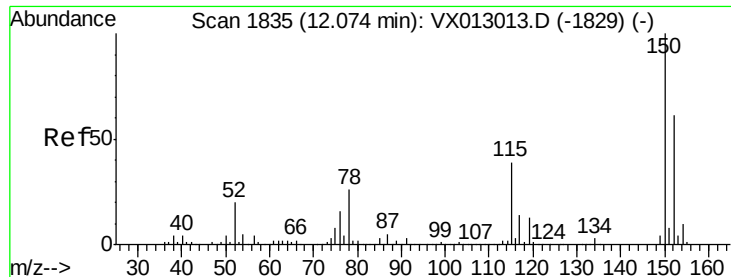


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V

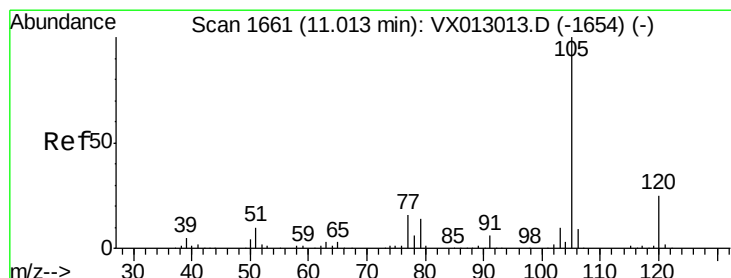
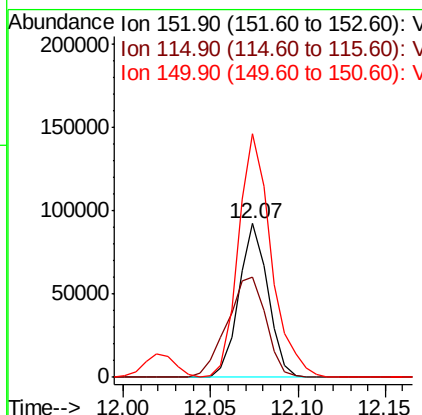
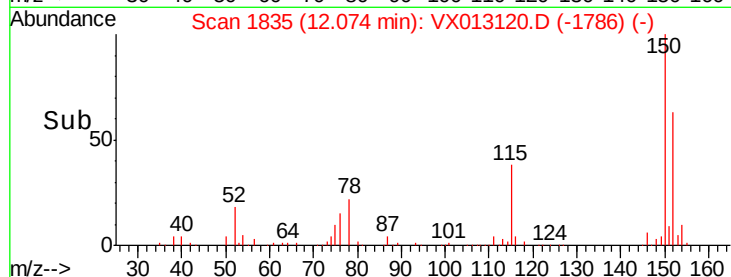
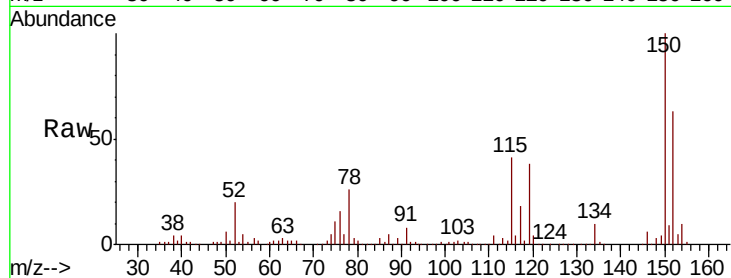




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX013120.D
 Acq: 17 Oct 2019 20:14

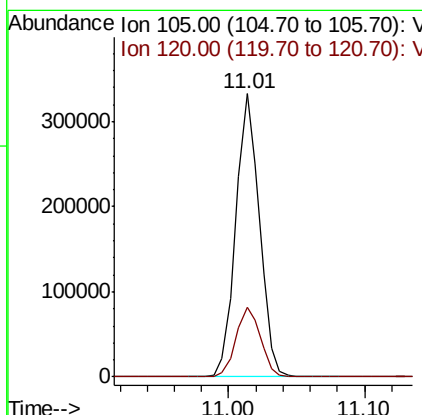
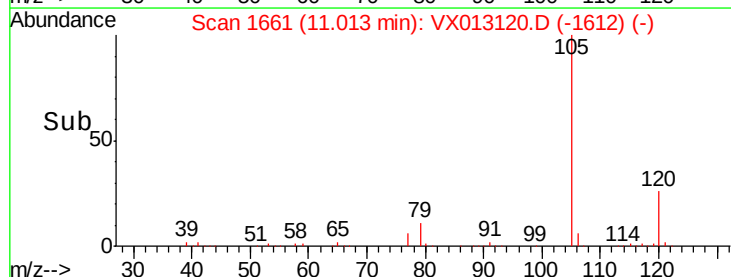
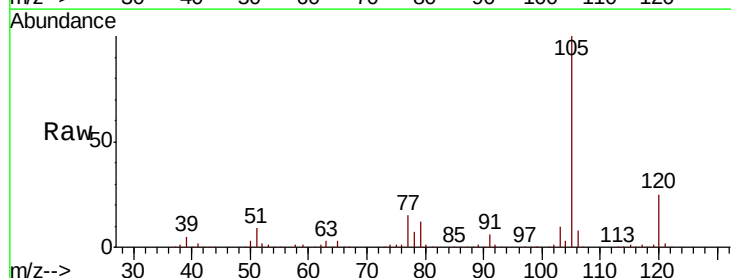
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW0301CMSD

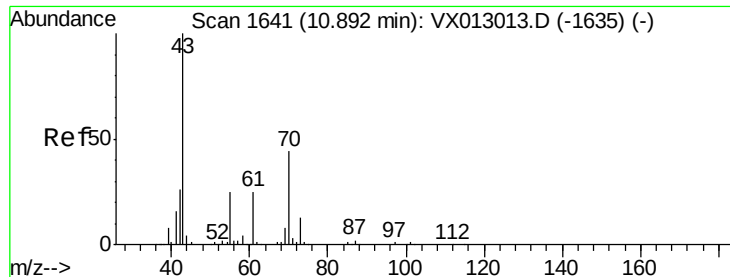
Tot Ion:152 Resp: 106600
 Ion Ratio Lower Upper
 152 100
 115 87.2 44.5 133.5
 150 178.3 0.0 353.4



#73
 Isopropylbenzene
 Concen: 51.258 ug/l
 RT: 11.01 min Scan# 1661
 Delta R.T. -0.00 min
 Lab File: VX013120.D
 Acq: 17 Oct 2019 20:14

Tgt Ion:105 Resp: 401732
 Ion Ratio Lower Upper
 105 100
 120 25.5 13.0 39.0





#74

N-amvl acetate

Concen: 48.884 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013120.D

Acq: 17 Oct 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW0301CMSD

Tot Ion: 43 Resp: 165004

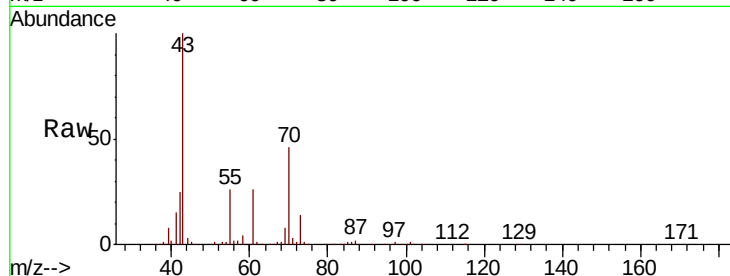
Ion Ratio Lower Upper

43 100

70 46.0 36.4 54.6

55 25.7 20.2 30.2

61 25.1 20.5 30.7

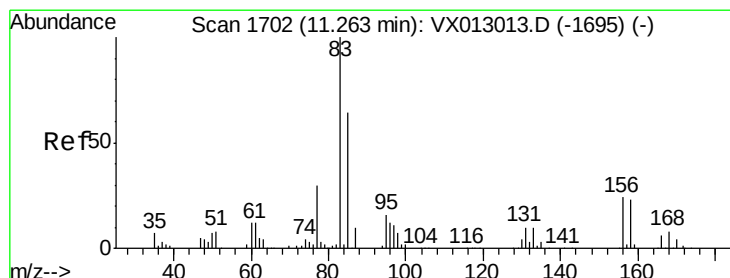
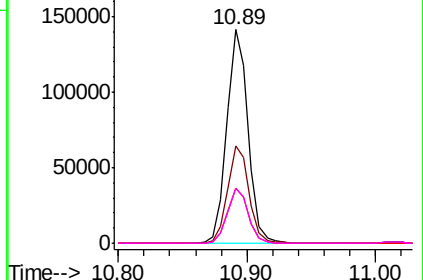
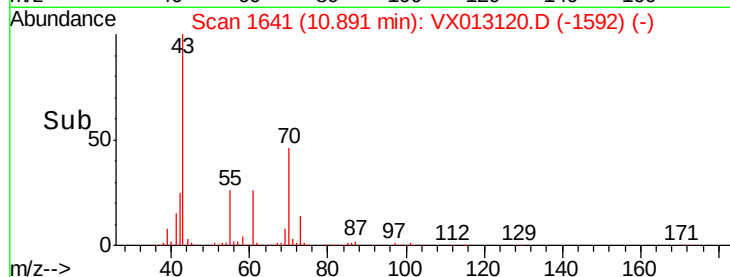


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 53.057 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013120.D

Acq: 17 Oct 2019 20:14

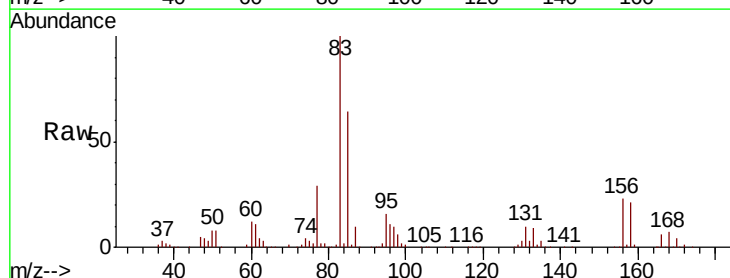
Tgt Ion: 83 Resp: 138305

Ion Ratio Lower Upper

83 100

131 10.2 5.1 15.3

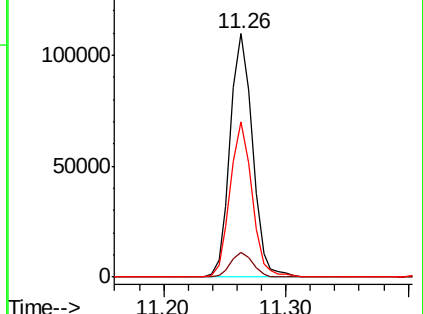
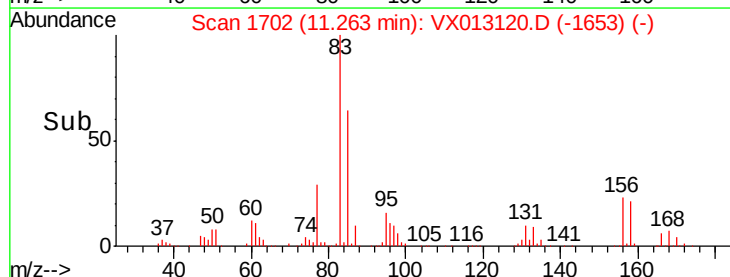
85 62.8 32.1 96.5

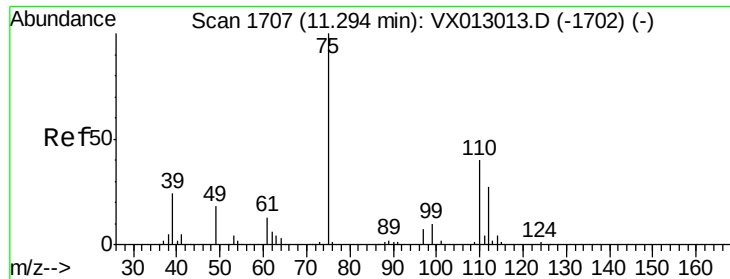


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

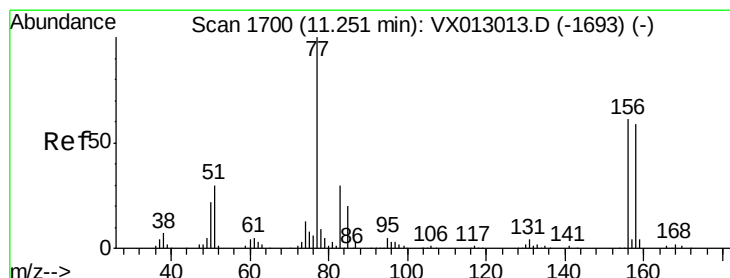
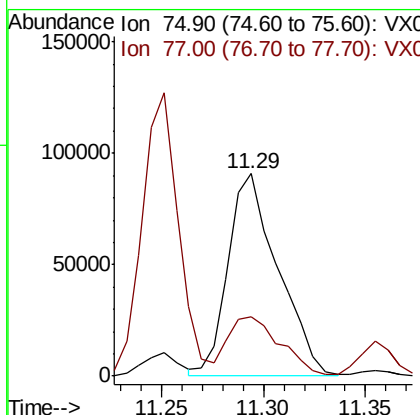
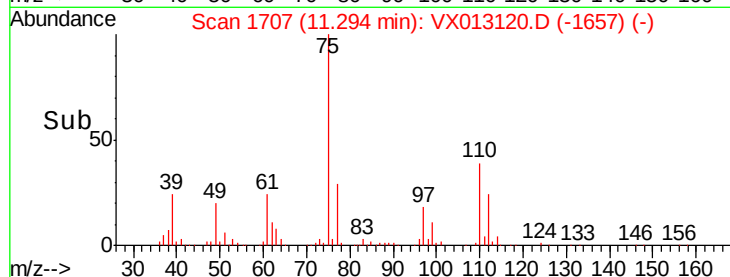
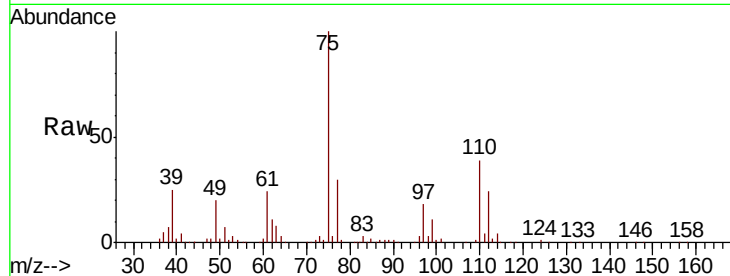




#76
 1,2,3-Trichloropropane
 Concen: 65.299 ug/l
 RT: 11.29 min Scan# 1707
 Delta R.T. 0.01 min
 Lab File: VX013120.D
 Acq: 17 Oct 2019 20:14

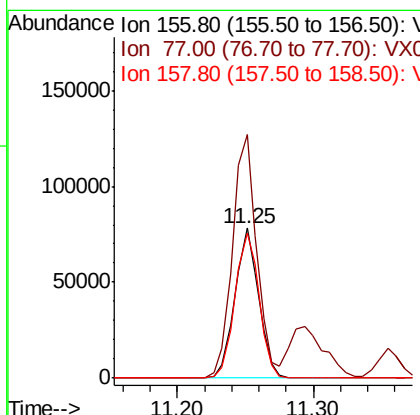
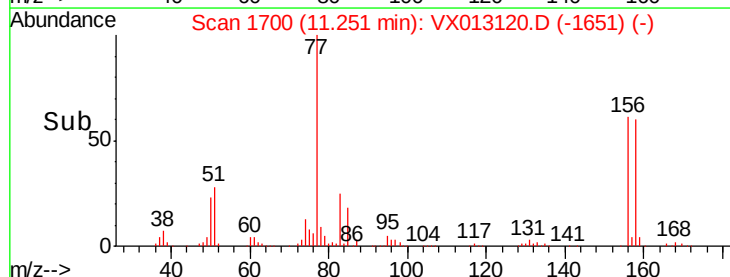
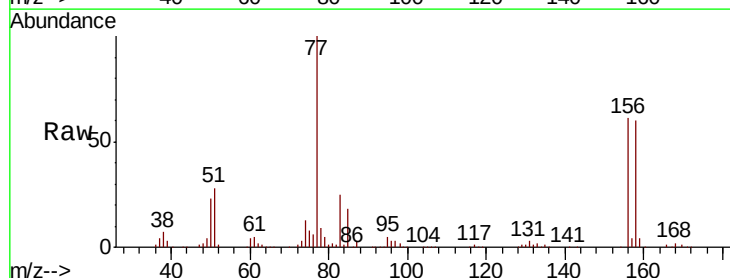
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW0301CMSD

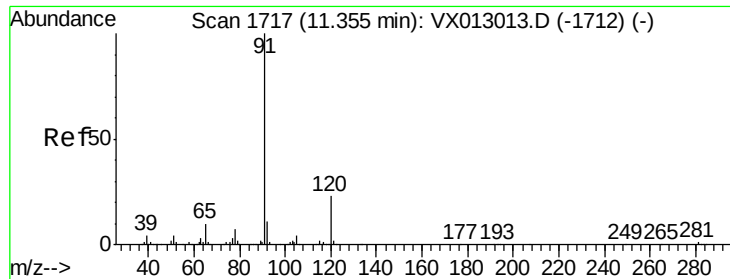
Tot Ion: 75 Resp: 154392
 Ion Ratio Lower Upper
 75 100
 77 30.5 22.9 68.8



#77
 Bromobenzene
 Concen: 51.332 ug/l
 RT: 11.25 min Scan# 1700
 Delta R.T. -0.00 min
 Lab File: VX013120.D
 Acq: 17 Oct 2019 20:14

Tgt Ion: 156 Resp: 94804
 Ion Ratio Lower Upper
 156 100
 77 166.3 83.7 251.0
 158 98.7 48.6 145.9





#78

n-propylbenzene

Concen: 52.191 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013120.D

Acq: 17 Oct 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

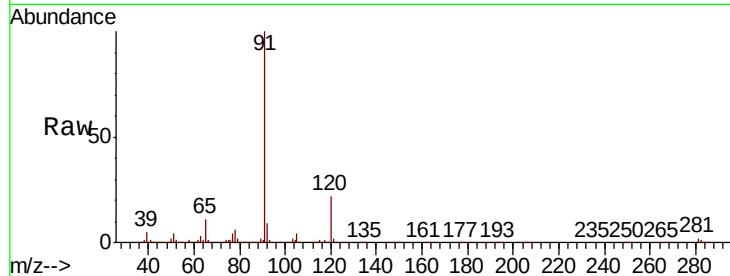
FA19-JMW0301CMSD

Tot Ion: 91 Resp: 450099

Ion Ratio Lower Upper

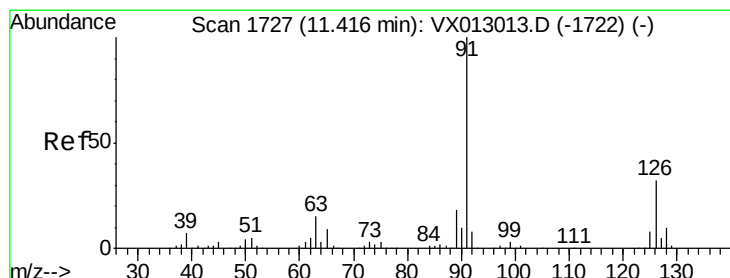
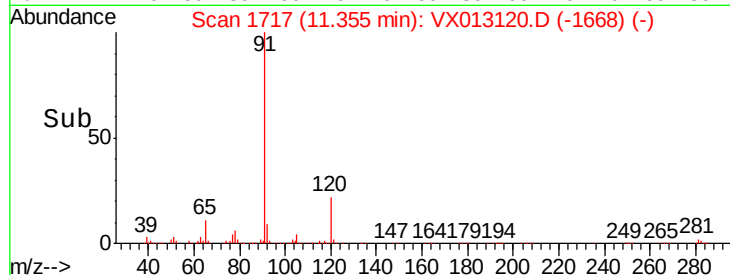
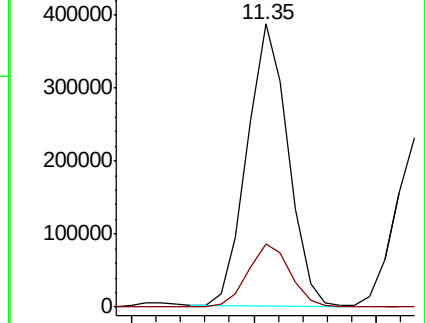
91 100

120 22.9 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: 51.722 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013120.D

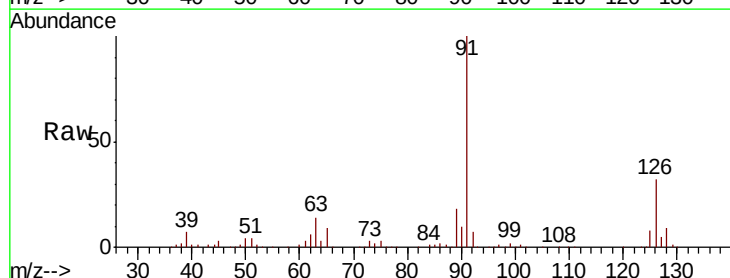
Acq: 17 Oct 2019 20:14

Tgt Ion: 91 Resp: 280329

Ion Ratio Lower Upper

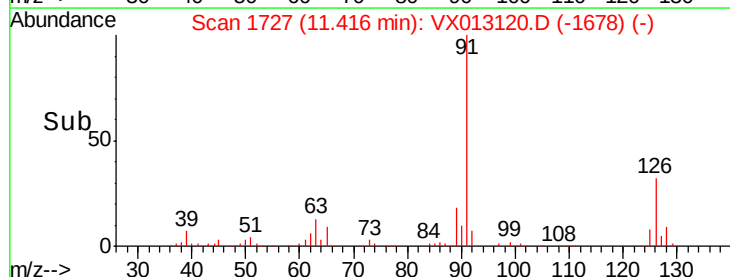
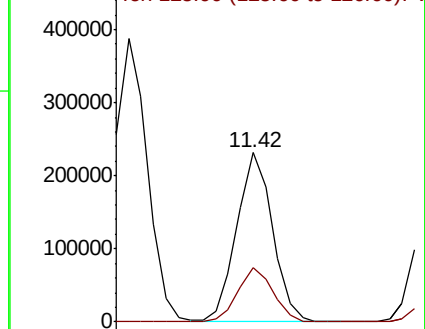
91 100

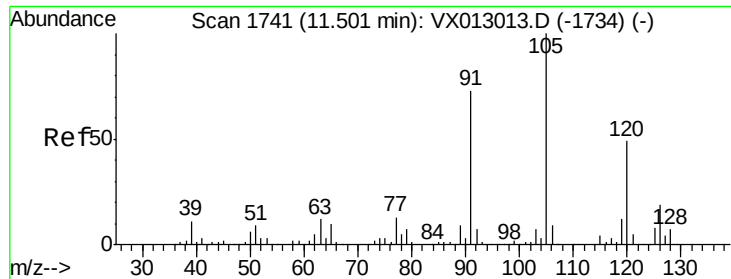
126 32.0 16.3 48.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

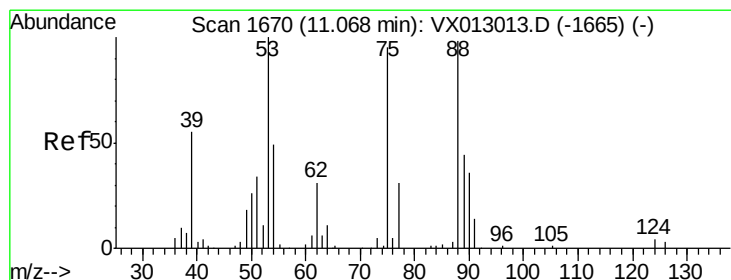
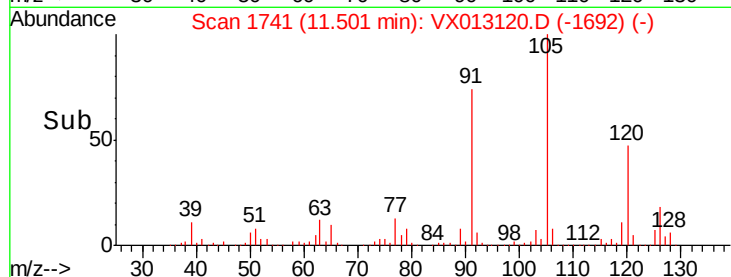
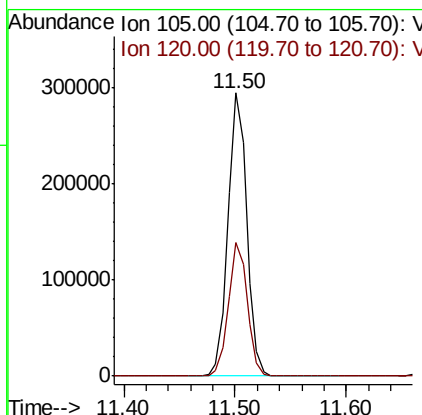
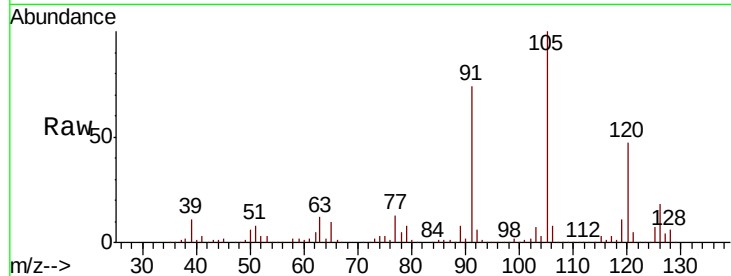




#80
 1,3,5-Trimethylbenzene
 Concen: 52.467 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX013120.D
 Acq: 17 Oct 2019 20:14

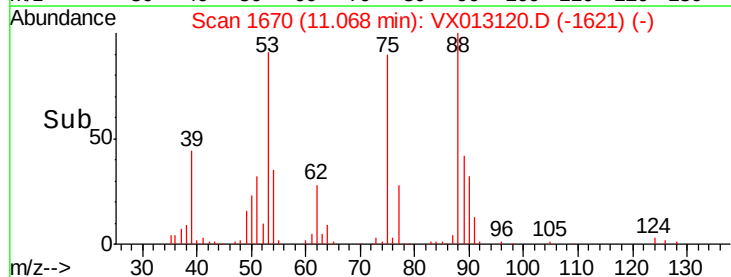
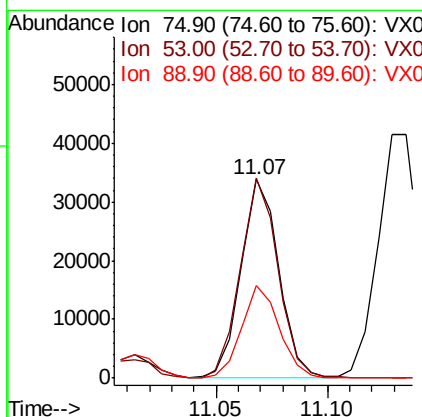
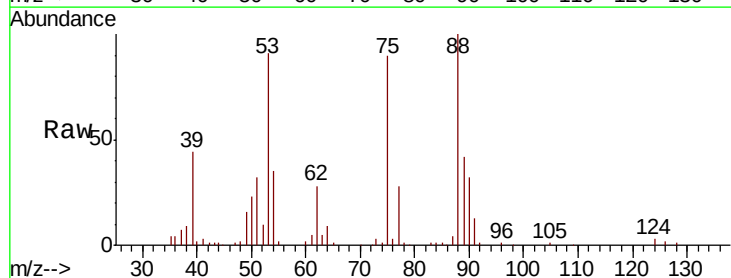
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW0301CMSD

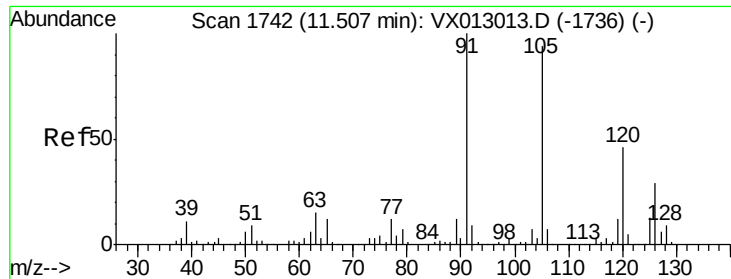
Tot Ion:105 Resp: 343360
 Ion Ratio Lower Upper
 105 100
 120 47.6 24.8 74.3



#81
 trans-1,4-Dichloro-2-butene
 Concen: 44.015 ug/l
 RT: 11.07 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: VX013120.D
 Acq: 17 Oct 2019 20:14

Tgt Ion: 75 Resp: 39981
 Ion Ratio Lower Upper
 75 100
 53 101.4 78.5 117.7
 89 46.8 37.4 56.2





#82

4-Chlorotoluene

Concen: 51.556 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX013120.D

Acq: 17 Oct 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

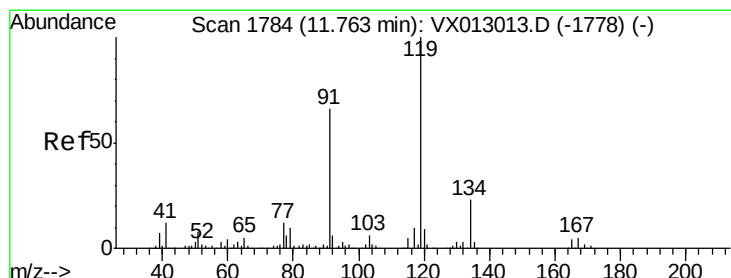
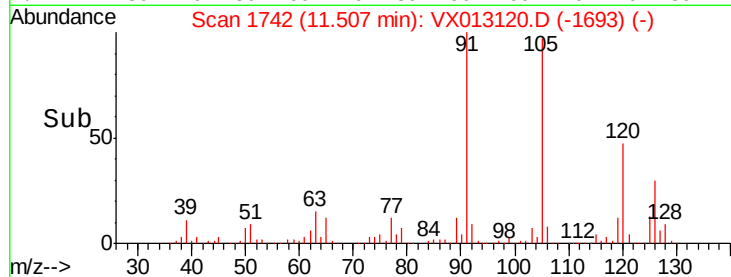
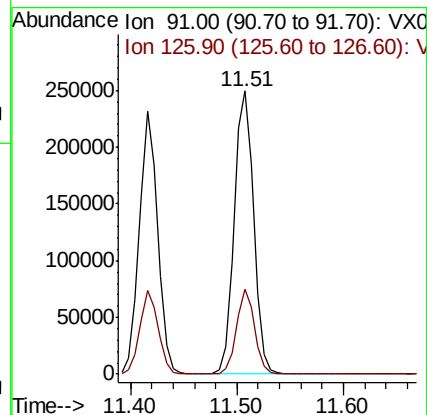
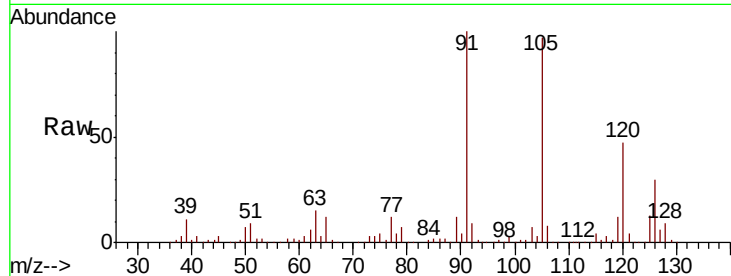
FA19-JMW0301CMSD

Tot Ion: 91 Resp: 320281

Ion Ratio Lower Upper

91 100

126 27.9 14.2 42.6



#83

tert-Butylbenzene

Concen: 52.316 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX013120.D

Acq: 17 Oct 2019 20:14

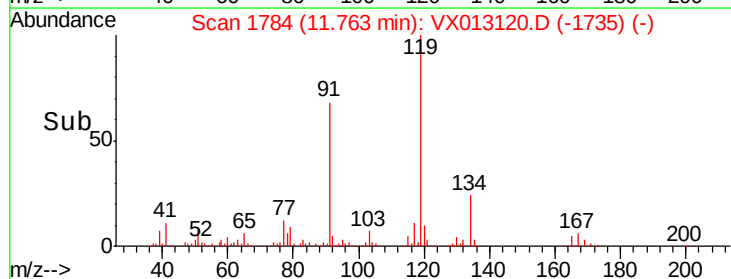
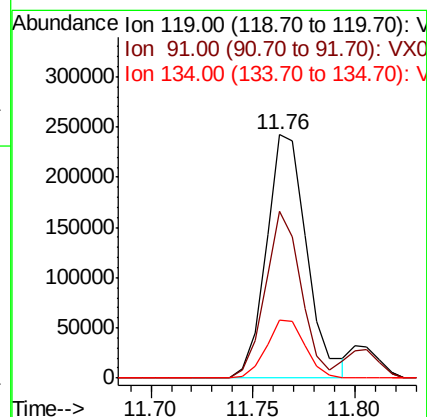
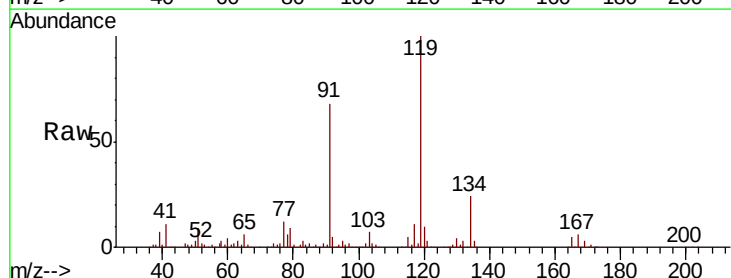
Tgt Ion: 119 Resp: 333977

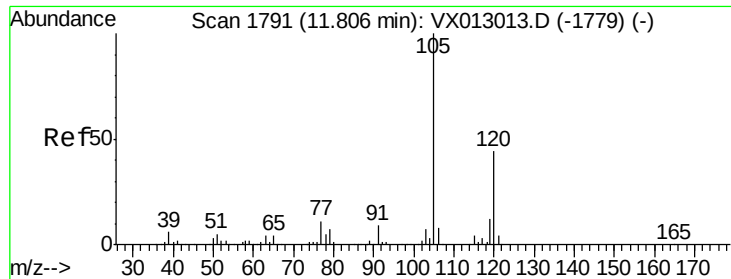
Ion Ratio Lower Upper

119 100

91 60.8 29.3 87.9

134 23.0 11.5 34.4

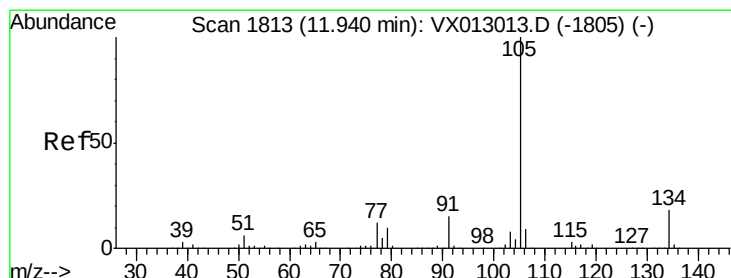
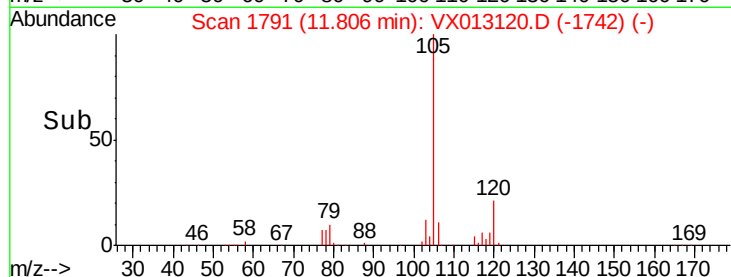
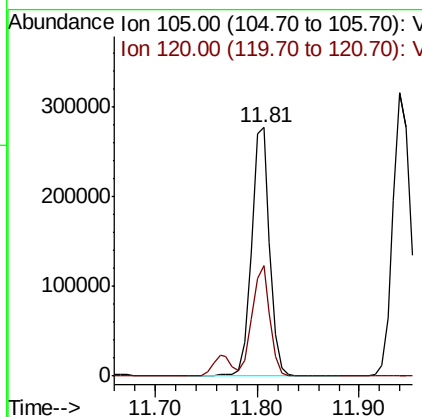
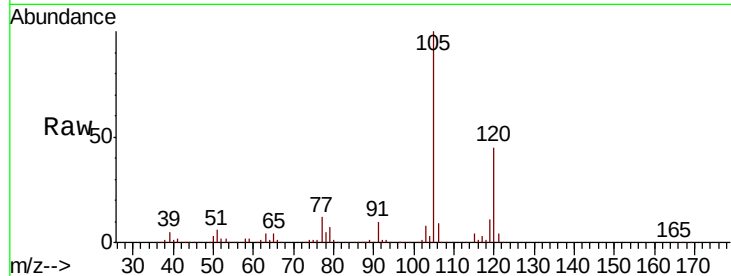




#84
 1,2,4-Trimethylbenzene
 Concen: 51.925 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX013120.D
 Acq: 17 Oct 2019 20:14

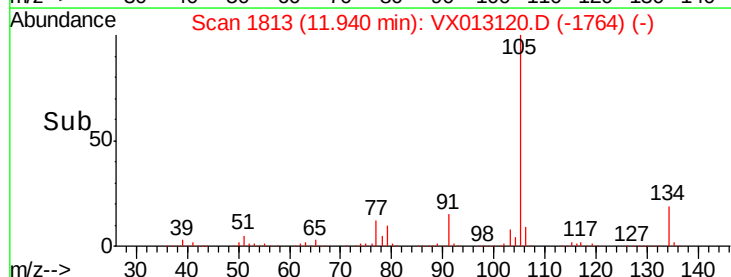
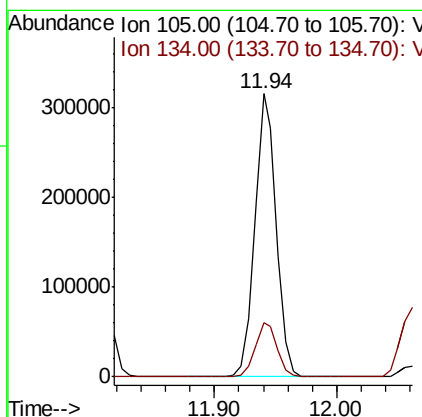
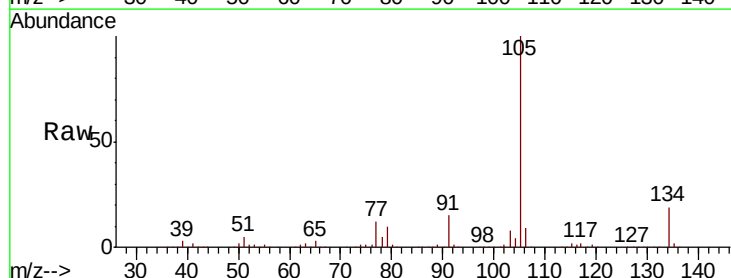
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW0301CMSD

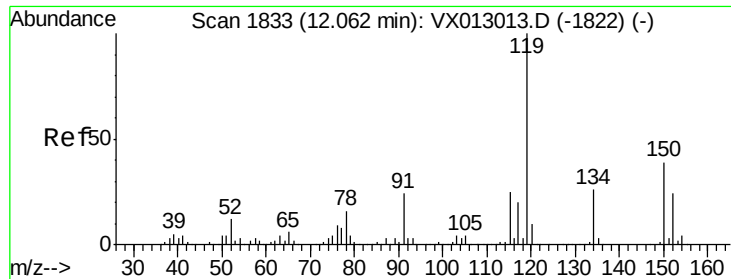
Tot Ion:105 Resp: 344153
 Ion Ratio Lower Upper
 105 100
 120 43.5 21.8 65.3



#85
 sec-Butylbenzene
 Concen: 51.843 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX013120.D
 Acq: 17 Oct 2019 20:14

Tgt Ion:105 Resp: 383430
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.0 30.0

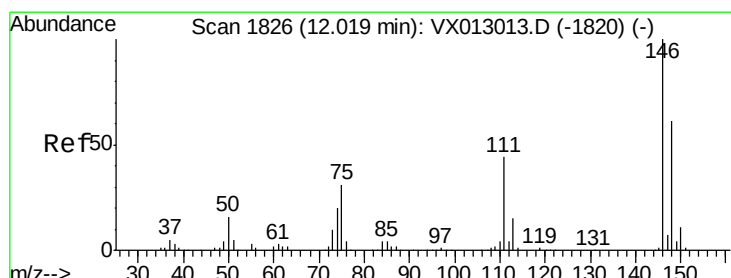
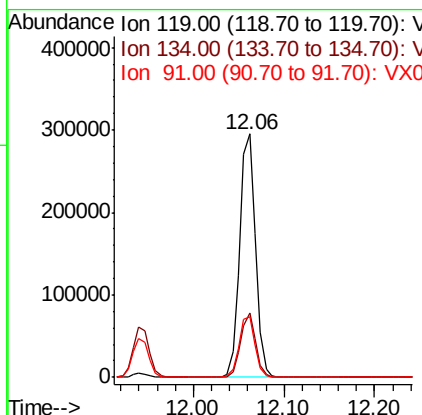
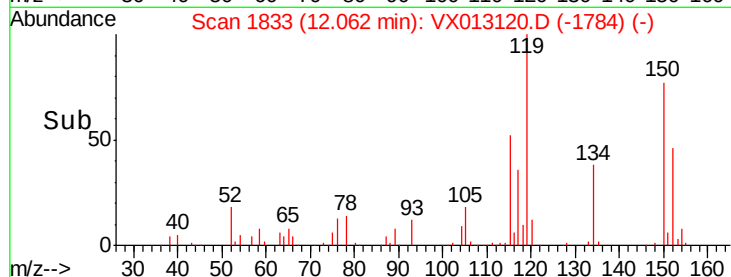
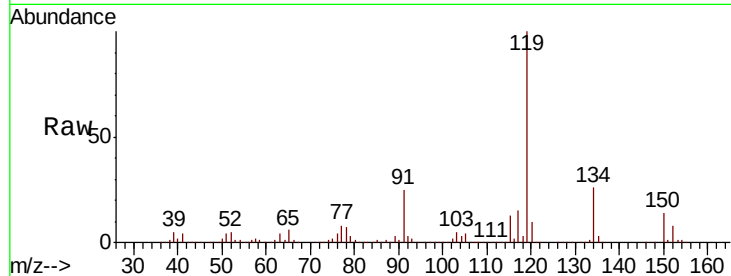




#86
 p-Isopropyltoluene
 Concen: 51.781 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX013120.D
 Acq: 17 Oct 2019 20:14

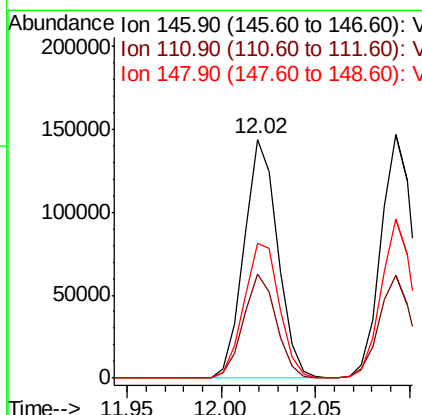
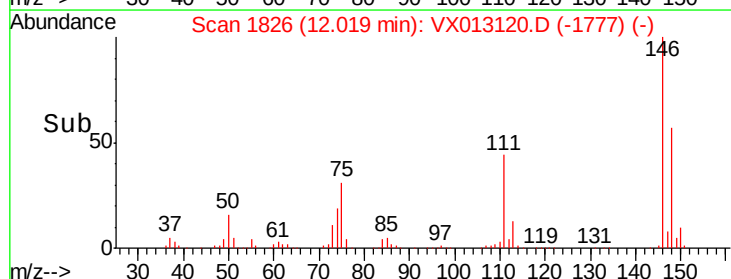
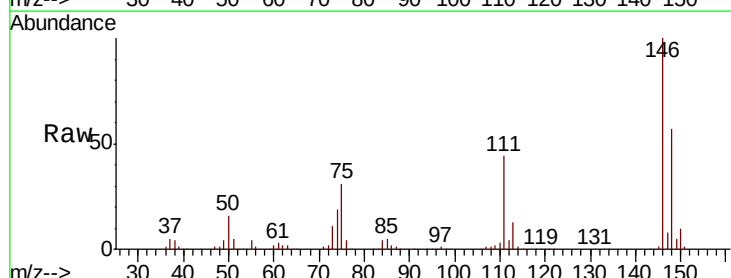
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW0301CMSD

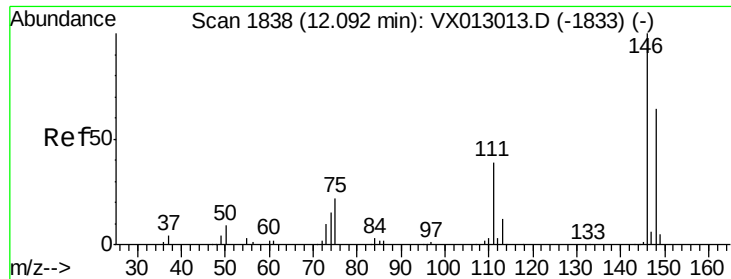
Tot Ion	Ratio	Lower	Upper
119	100		
134	25.1	12.6	37.8
91	25.1	12.4	37.4



#87
 1,3-Dichlorobenzene
 Concen: 51.927 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013120.D
 Acq: 17 Oct 2019 20:14

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.8	21.1	63.4
148	59.8	31.6	95.0

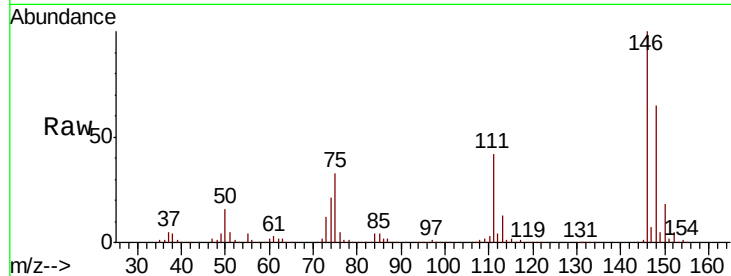




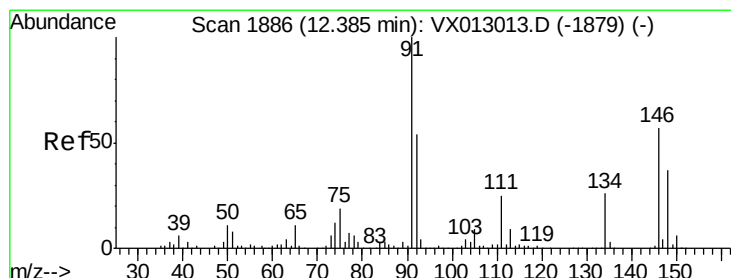
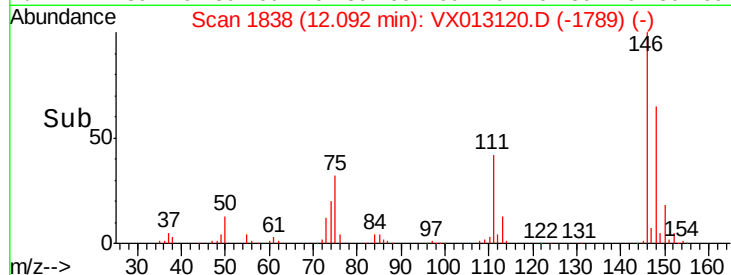
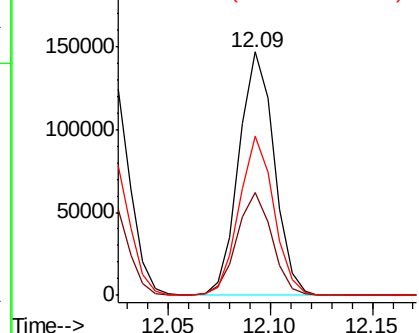
#88
 1,4-Dichlorobenzene
 Concen: 50.556 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013120.D
 Acq: 17 Oct 2019 20:14

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW0301CMSD

Tot Ion:146 Resp: 175605
 Ion Ratio Lower Upper
 146 100
 111 42.3 21.4 64.3
 148 64.4 32.1 96.5

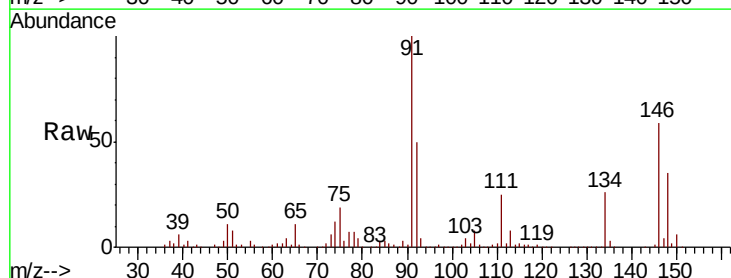


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

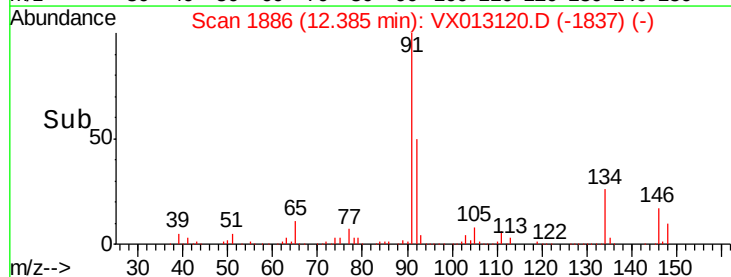
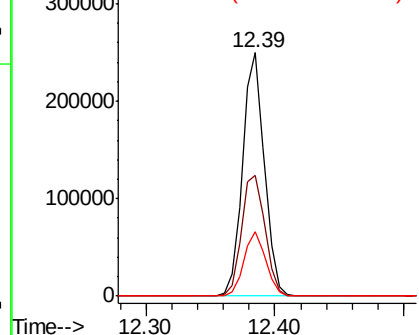


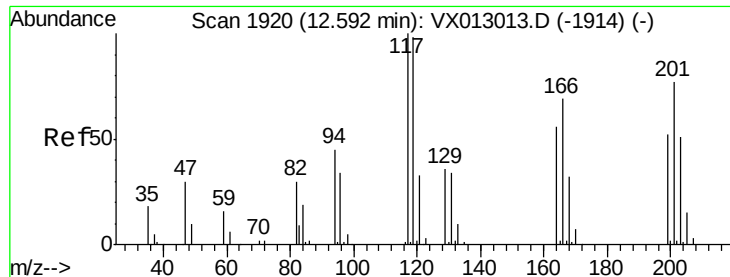
#89
 n-Butylbenzene
 Concen: 50.711 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013120.D
 Acq: 17 Oct 2019 20:14

Tgt Ion: 91 Resp: 292347
 Ion Ratio Lower Upper
 91 100
 92 53.7 27.5 82.5
 134 26.3 12.9 38.7



Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 92.00 (91.70 to 92.70): VX0
 Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 48.167 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX013120.D

Acq: 17 Oct 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

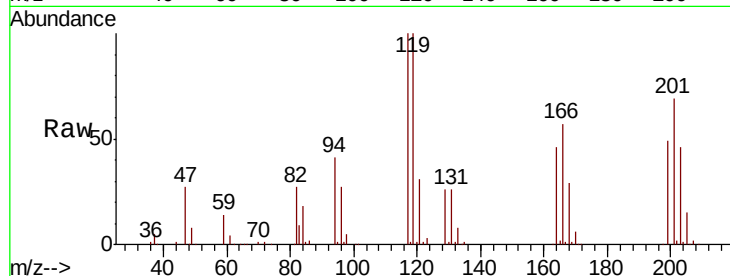
FA19-JMW0301CMSD

Tot Ion:117 Resp: 61090

Ion Ratio Lower Upper

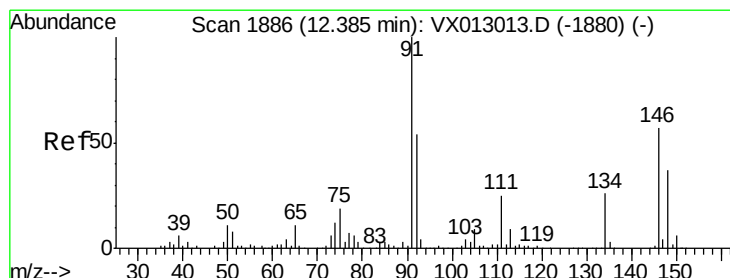
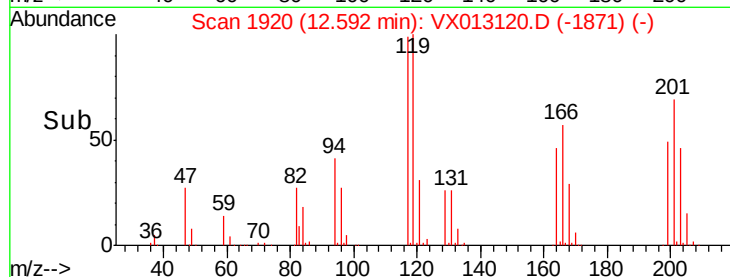
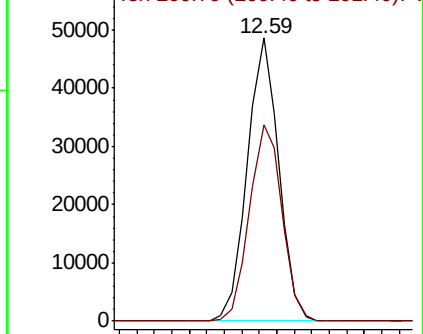
117 100

201 71.9 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: 54.058 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013120.D

Acq: 17 Oct 2019 20:14

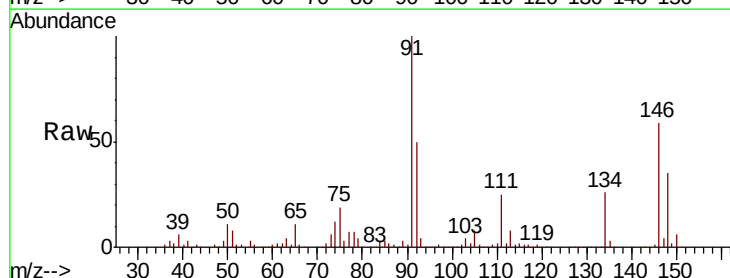
Tgt Ion:146 Resp: 181757

Ion Ratio Lower Upper

146 100

111 42.9 22.7 68.0

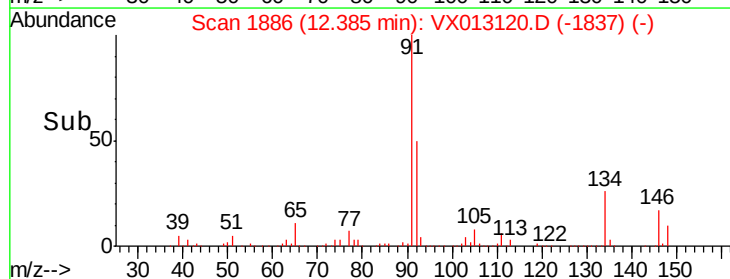
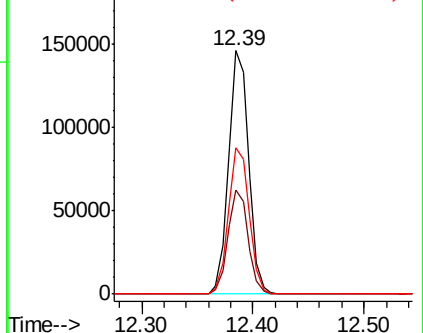
148 62.3 31.6 94.7

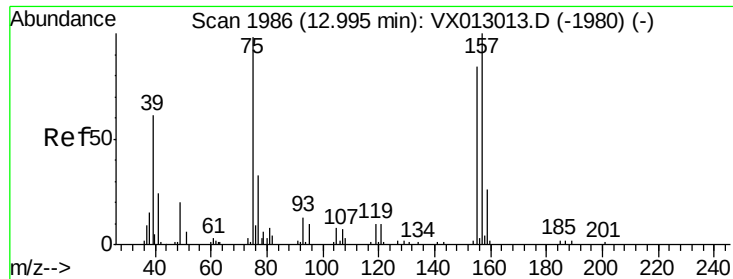


Abundance Ion 145.90 (145.60 to 146.60): V

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: 52.228 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VX013120.D

Acq: 17 Oct 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW0301CMSD

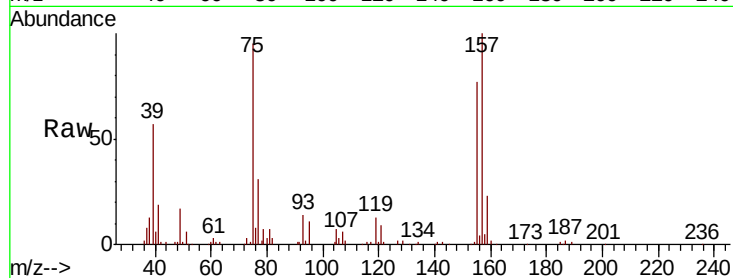
Tot Ion: 75 Resp: 31910

Ion Ratio Lower Upper

75 100

155 85.7 43.0 128.8

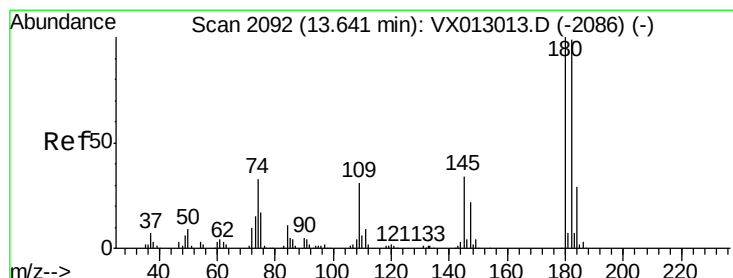
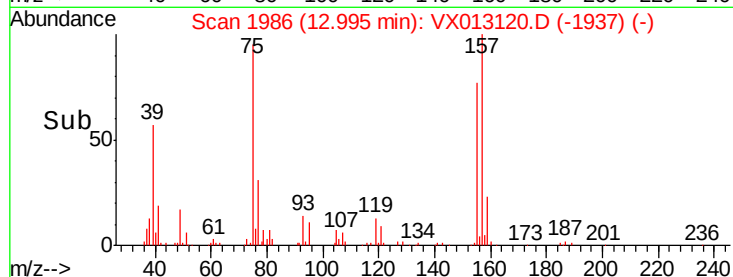
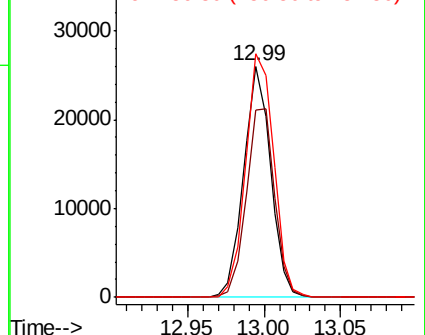
157 109.4 54.1 162.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 51.783 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. -0.00 min

Lab File: VX013120.D

Acq: 17 Oct 2019 20:14

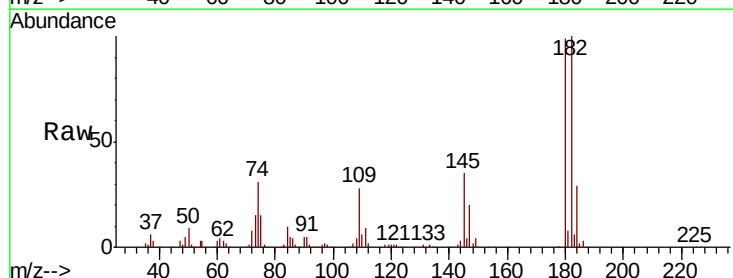
Tgt Ion: 180 Resp: 109066

Ion Ratio Lower Upper

180 100

182 94.6 46.8 140.4

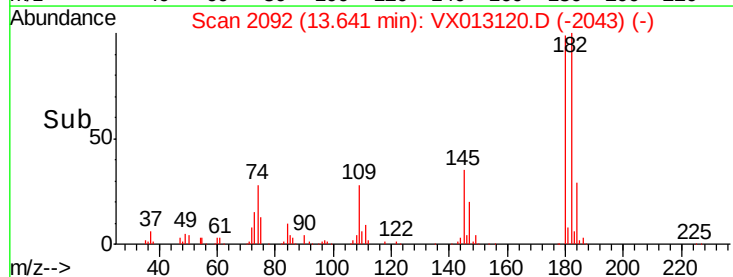
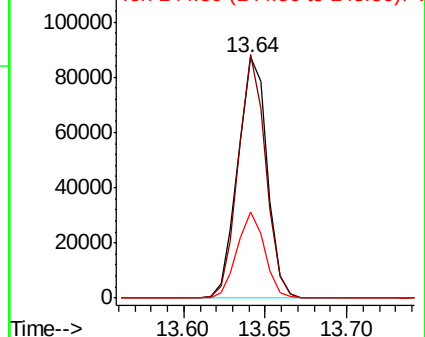
145 33.3 16.2 48.6

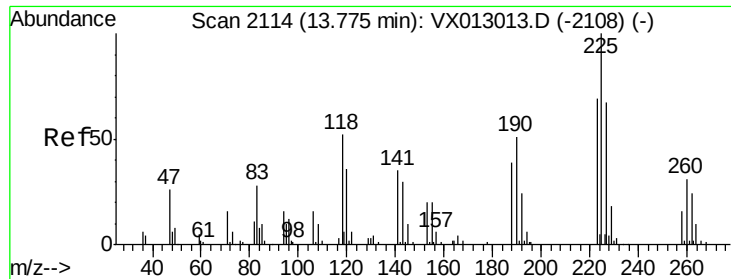


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 49.033 ug/l

RT: 13.78 min Scan# 2115

Delta R.T. -0.00 min

Lab File: VX013120.D

Acq: 17 Oct 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW0301CMSD

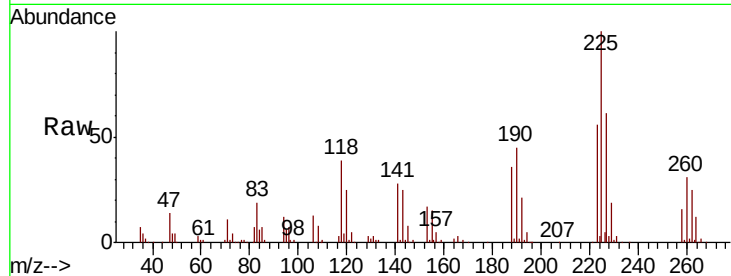
Tot Ion:225 Resp: 47661

Ion Ratio Lower Upper

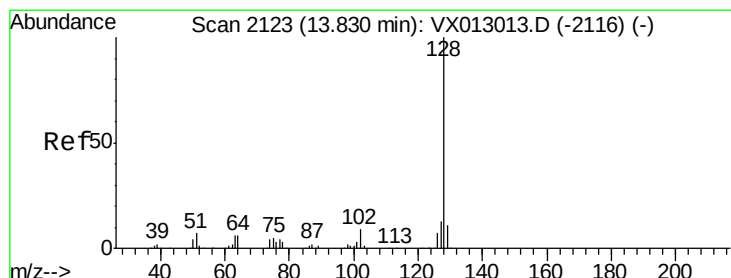
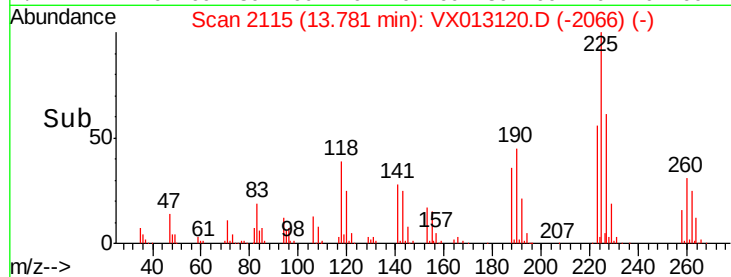
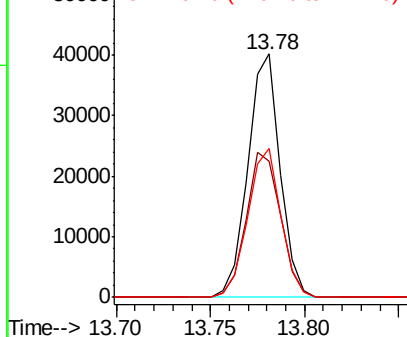
225 100

223 63.3 31.1 93.2

227 62.9 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: 49.470 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX013120.D

Acq: 17 Oct 2019 20:14

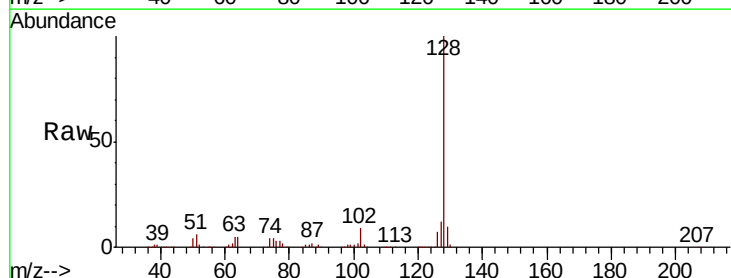
Tgt Ion:128 Resp: 361195

Ion Ratio Lower Upper

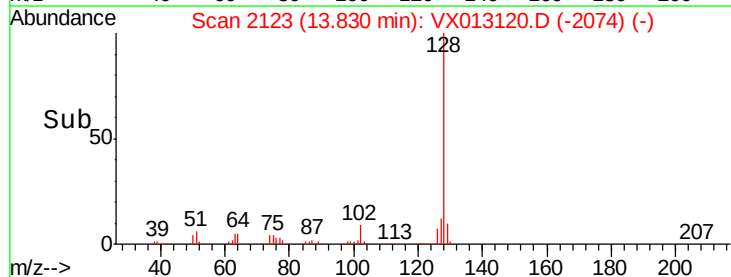
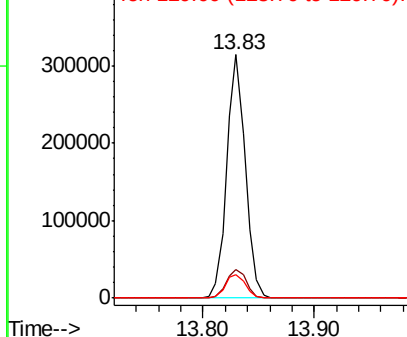
128 100

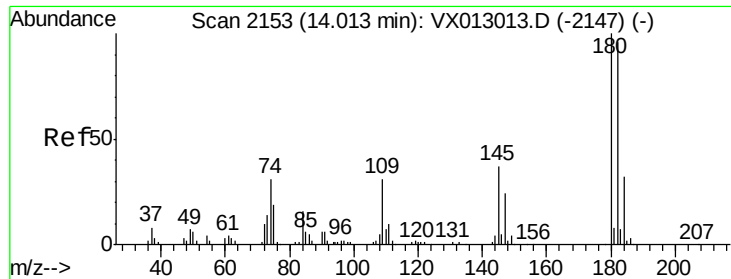
127 12.8 10.2 15.4

129 10.5 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: 49.373 ug/l
 RT: 14.02 min Scan# 2154
 Delta R.T. 0.01 min
 Lab File: VX013120.D
 Acq: 17 Oct 2019 20:14

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW0301CMSD

Tot Ion	Ratio	Lower	Upper
180	100		
182	98.2	47.5	142.5
145	34.8	17.4	52.3

