

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100919\
 Data File : VX012978.D
 Acq On : 10 Oct 2019 06:06
 Operator : JC/SP
 Sample : K5260-04MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-MMW0010MS

Quant Time: Oct 10 06:53:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 01:51:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	155770	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	275431	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	246033	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	114718	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	107240	55.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.16%	
35) Dibromofluoromethane	5.49	113	83293	52.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.38%	
50) Toluene-d8	8.71	98	313271	50.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.62%	
62) 4-Bromofluorobenzene	11.14	95	121062	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	78269	49.294	ug/l	96
3) Chloromethane	1.32	50	91945	53.209	ug/l	98
4) Vinyl Chloride	1.40	62	93421	52.379	ug/l	99
5) Bromomethane	1.63	94	37314	50.328	ug/l	99
6) Chloroethane	1.71	64	57425	52.689	ug/l	99
7) Trichlorofluoromethane	1.92	101	126329	52.477	ug/l	100
8) Diethyl Ether	2.18	74	53844	55.413	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	74693	47.942	ug/l	99
10) Methyl Iodide	2.50	142	96634	54.266	ug/l	100
11) Tert butyl alcohol	3.03	59	142757	276.601	ug/l	100
12) 1,1-Dichloroethene	2.36	96	81726	51.918	ug/l	96
13) Acrolein	2.28	56	83807	228.495	ug/l	99
14) Allyl chloride	2.72	41	149768	53.425	ug/l	97
15) Acrylonitrile	3.13	53	284810	291.196	ug/l	99
16) Acetone	2.44	43	256103	249.559	ug/l	100
17) Carbon Disulfide	2.56	76	224241	49.959	ug/l	100
18) Methyl Acetate	2.76	43	123356	50.713	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	313065	57.591	ug/l	97
20) Methylene Chloride	2.84	84	98980	52.481	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	91937	54.491	ug/l	98
22) Diisopropyl ether	3.84	45	304072	56.606	ug/l	96
23) Vinyl Acetate	3.80	43	1242053	267.844	ug/l	99
24) 1,1-Dichloroethane	3.69	63	167818	55.533	ug/l	98
25) 2-Butanone	4.66	43	391998	275.329	ug/l	100
26) 2,2-Dichloropropane	4.57	77	92962	36.582	ug/l	95
27) cis-1,2-Dichloroethene	4.59	96	107809	55.435	ug/l	96
28) Bromochloromethane	5.01	49	50021	55.435	ug/l	100
29) Tetrahydrofuran	5.11	42	254894	290.934	ug/l	99
30) Chloroform	5.20	83	170724	55.058	ug/l	98
31) Cyclohexane	5.57	56	135251	47.864	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	146675	55.827	ug/l	99
36) 1,1-Dichloropropene	5.79	75	124062	51.231	ug/l	99
37) Ethyl Acetate	4.82	43	139393	51.478	ug/l	99
38) Carbon Tetrachloride	5.78	117	121379	51.496	ug/l	95

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 ClientSampleId :
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Quant Time: Oct 10 06:53:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 01:51:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	132675	45.177	ug/l	98
40) Benzene	6.14	78	381916	53.398	ug/l	100
41) Methacrylonitrile	5.03	41	80410	54.042	ug/l	99
42) 1,2-Dichloroethane	6.18	62	140492	54.742	ug/l	99
43) Isopropyl Acetate	6.43	43	229990	52.918	ug/l	100
44) Trichloroethene	7.20	130	99563	50.200	ug/l	93
45) 1,2-Dichloropropane	7.51	63	98869	54.238	ug/l	99
46) Dibromomethane	7.65	93	67733	55.770	ug/l	98
47) Bromodichloromethane	7.89	83	130767	55.173	ug/l	99
48) Methyl methacrylate	7.76	41	116395	54.957	ug/l	99
49) 1,4-Dioxane	7.73	88	60297	1058.766	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	757628	279.597	ug/l	100
52) Toluene	8.78	92	238785	52.186	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	136379	46.277	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	148485	50.938	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	99044	54.696	ug/l	98
56) Ethyl methacrylate	9.17	69	161731	49.882	ug/l	99
57) 1,3-Dichloropropane	9.37	76	170739	54.508	ug/l	100
59) 2-Hexanone	9.49	43	576295	273.211	ug/l	98
60) Dibromochloromethane	9.58	129	100019	49.648	ug/l	99
61) 1,2-Dibromoethane	9.67	107	104122	54.661	ug/l	99
64) Tetrachloroethene	9.33	164	93602	54.851	ug/l	98
65) Chlorobenzene	10.14	112	252341	51.648	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	94378	55.712	ug/l	99
67) Ethyl Benzene	10.24	91	451758	52.054	ug/l	98
68) m/p-Xylenes	10.35	106	342187	105.542	ug/l	99
69) o-Xylene	10.70	106	165969	52.494	ug/l	99
70) Stvrene	10.71	104	295466	54.971	ug/l	99
71) Bromoform	10.85	173	68826	47.837	ug/l #	100
73) Isopropylbenzene	11.01	105	436580	51.762	ug/l	100
74) N-amyl acetate	10.89	43	190825	52.533	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	153613	54.759	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	172651	67.854	ug/l	77
77) Bromobenzene	11.25	156	105213	52.937	ug/l	98
78) n-propylbenzene	11.35	91	480667	51.791	ug/l	98
79) 2-Chlorotoluene	11.42	91	299698	51.382	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	371759	52.787	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	43816	44.749	ug/l	98
82) 4-Chlorotoluene	11.51	91	345944	51.746	ug/l	100
83) tert-Butylbenzene	11.76	119	352860	51.362	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	379253	53.172	ug/l	99
85) sec-Butylbenzene	11.94	105	408240	51.291	ug/l	99
86) p-Isopropyltoluene	12.06	119	379984	51.476	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	186824	50.618	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	187930	50.276	ug/l	99
89) n-Butylbenzene	12.38	91	307387	49.546	ug/l	100
90) Hexachloroethane	12.59	117	64778	47.491	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	189458	52.360	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	37854	57.572	ug/l	95
93) 1,2,4-Trichlorobenzene	13.64	180	113264	49.971	ug/l	98

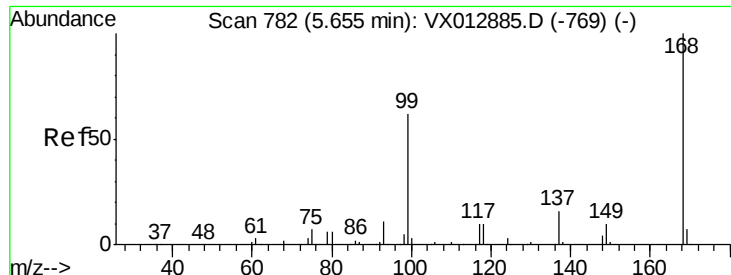
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX100919\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 09 01:51:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	48318	46.191	ug/l	99
95) Naphthalene	13.83	128	408425	51.981	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	118448	50.569	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.00 min

Lab File: VX012978.D

Acq: 10 Oct 2019 06:06

Instrument :

MSVOA_X

ClientSampleId :

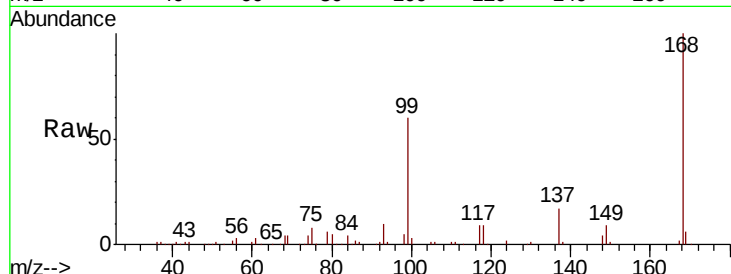
FA19-MMW0010MS

Tot Ion:168 Resp: 155770

Ion Ratio Lower Upper

168 100

99 60.2 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

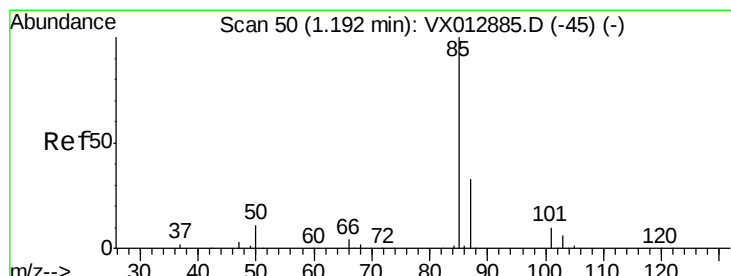
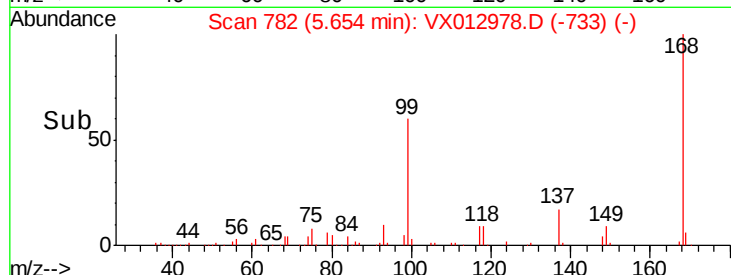
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 49.294 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.01 min

Lab File: VX012978.D

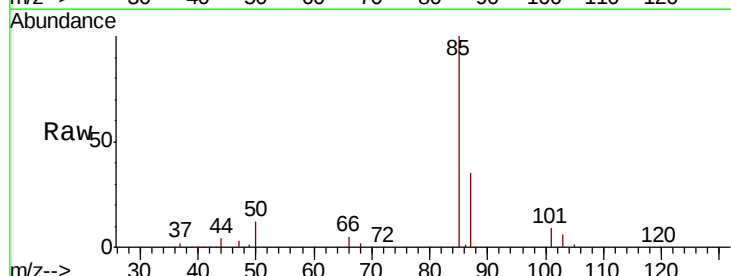
Acq: 10 Oct 2019 06:06

Tgt Ion: 85 Resp: 78269

Ion Ratio Lower Upper

85 100

87 35.0 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

80000

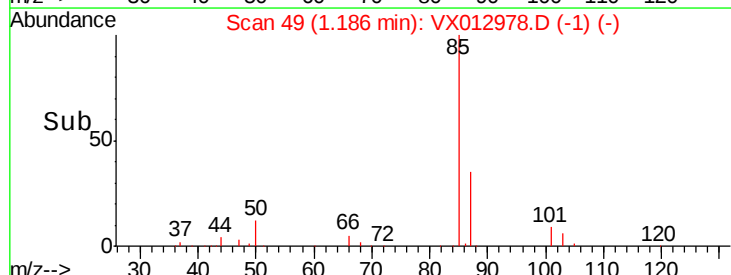
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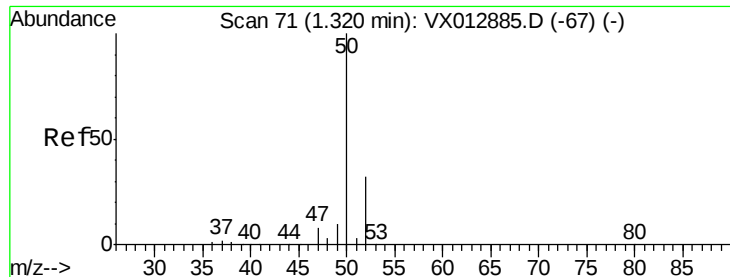
40000

20000

0

Time--> 1.15 1.20 1.25





#3

Chloromethane

Concen: 53.209 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX012978.D

Acq: 10 Oct 2019 06:06

Instrument :

MSVOA_X

ClientSampleId :

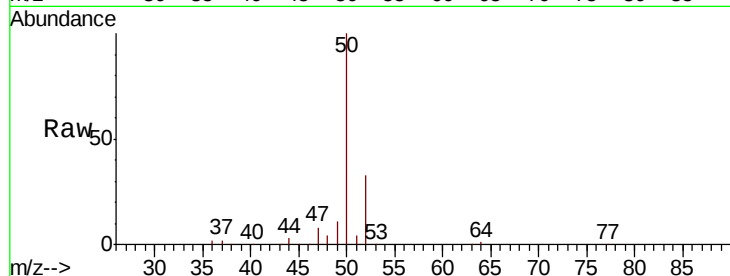
FA19-MMW0010MS

Tot Ion: 50 Resp: 91945

Ion Ratio Lower Upper

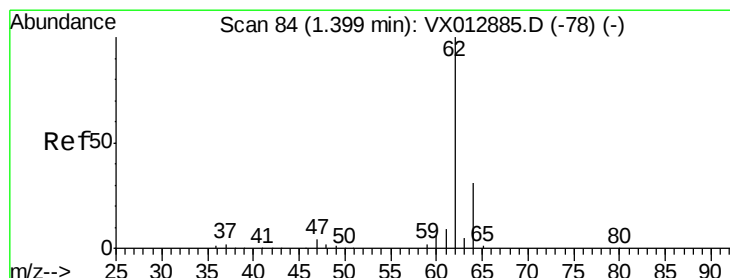
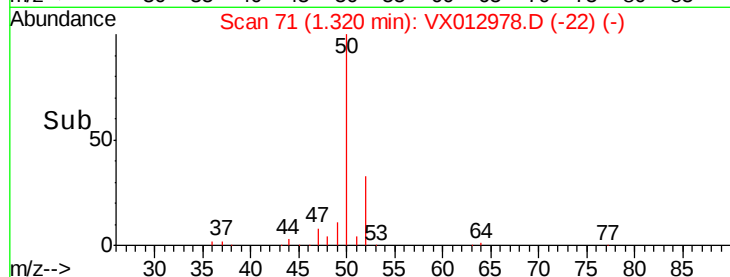
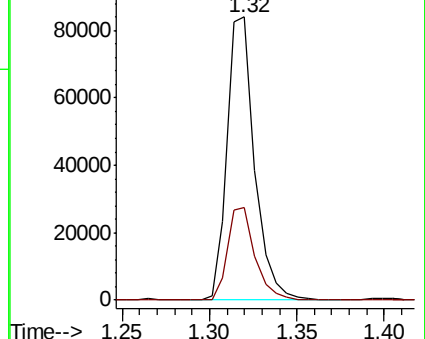
50 100

52 32.8 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: 52.379 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX012978.D

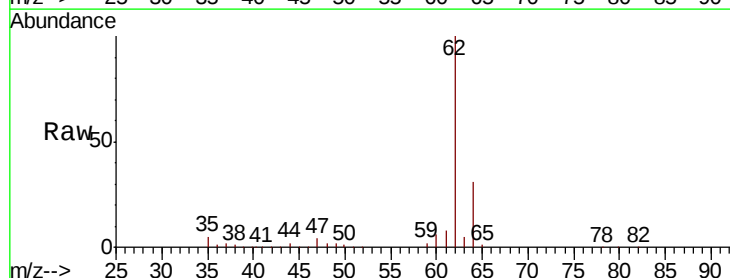
Acq: 10 Oct 2019 06:06

Tgt Ion: 62 Resp: 93421

Ion Ratio Lower Upper

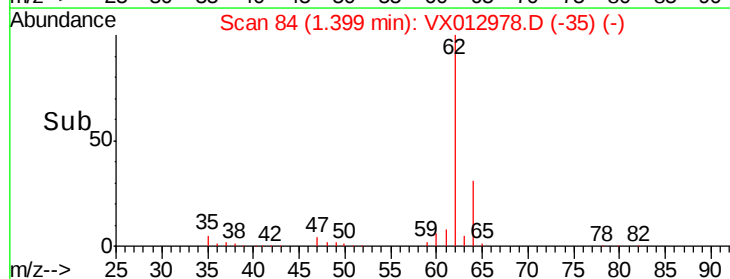
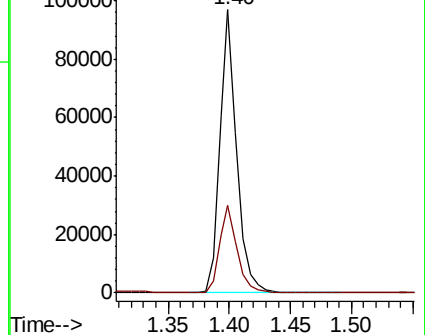
62 100

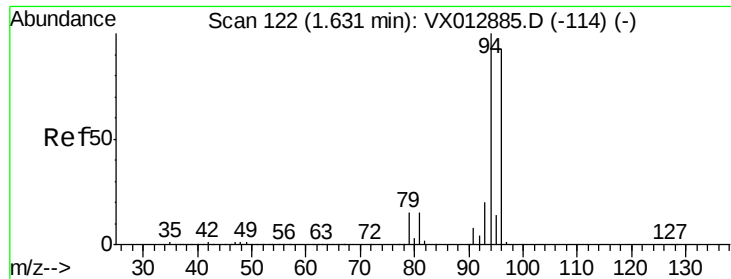
64 31.0 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 50.328 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX012978.D

Acq: 10 Oct 2019 06:06

Instrument :

MSVOA_X

ClientSampleId :

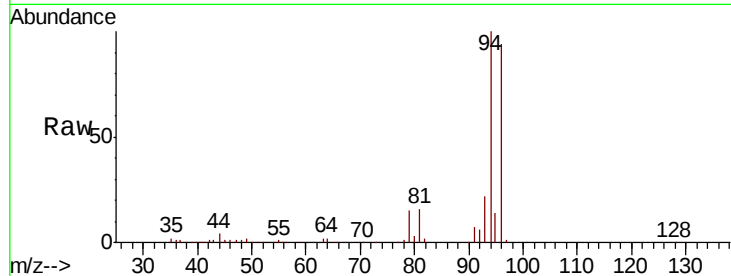
FA19-MMW0010MS

Tot Ion: 94 Resp: 37314

Ion Ratio Lower Upper

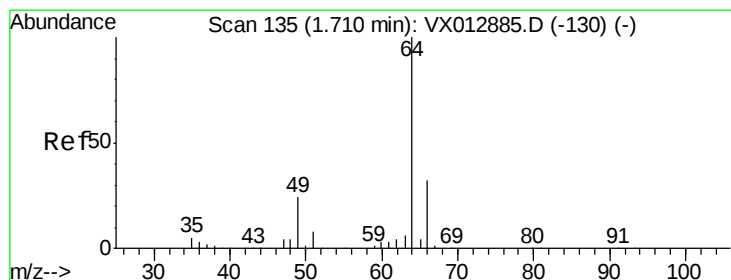
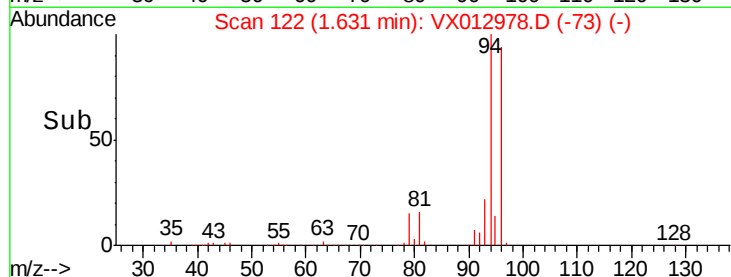
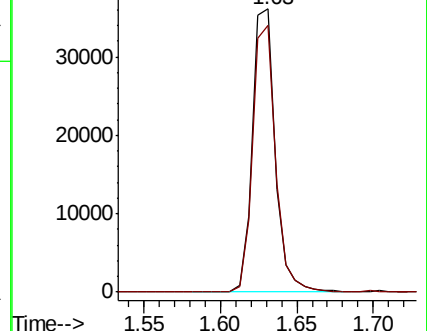
94 100

96 94.2 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: 52.689 ug/l

RT: 1.71 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX012978.D

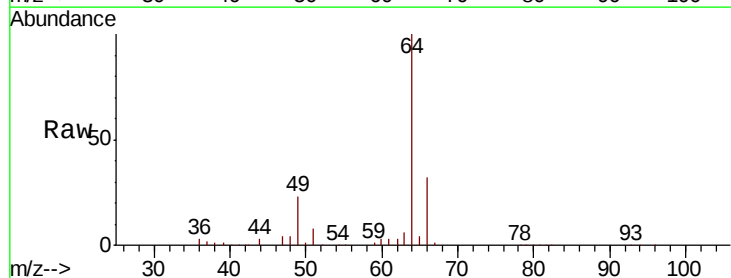
Acq: 10 Oct 2019 06:06

Tgt Ion: 64 Resp: 57425

Ion Ratio Lower Upper

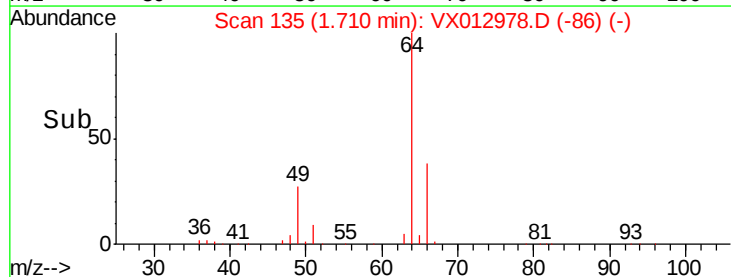
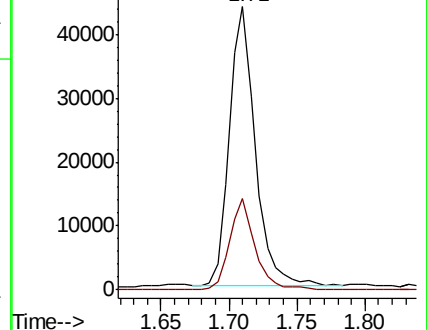
64 100

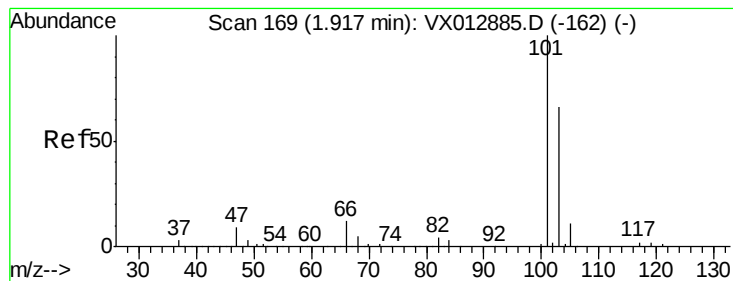
66 32.5 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



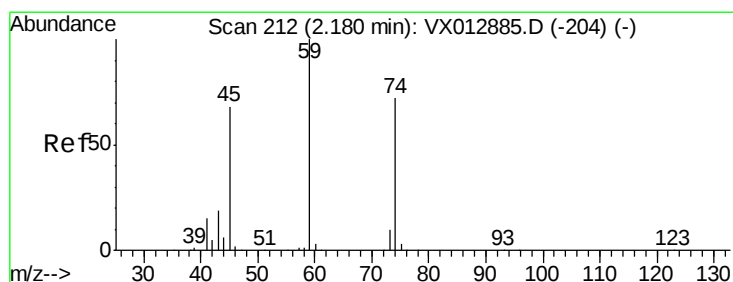
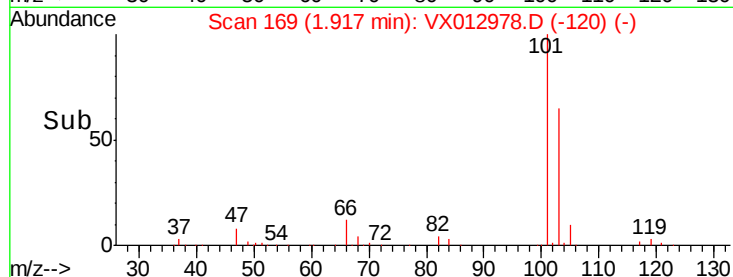
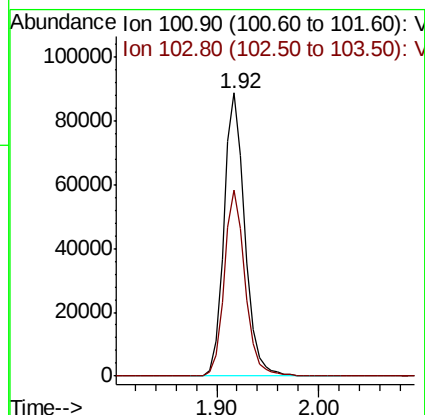
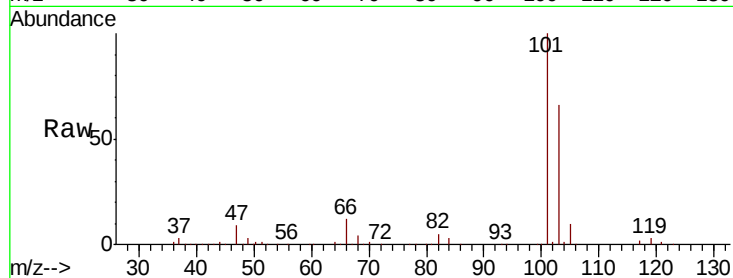


#7

Trichlorofluoromethane
Concen: 52.477 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX012978.D
Acq: 10 Oct 2019 06:06

Instrument :
MSVOA_X
ClientSampleId :
FA19-MMW0010MS

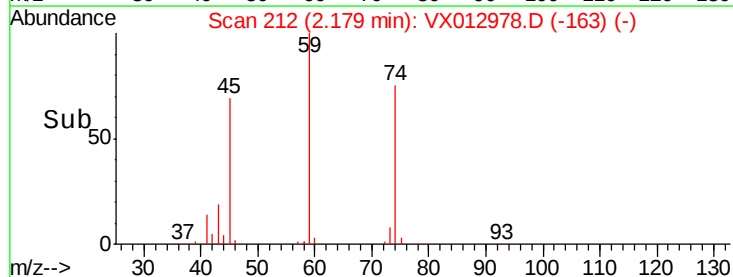
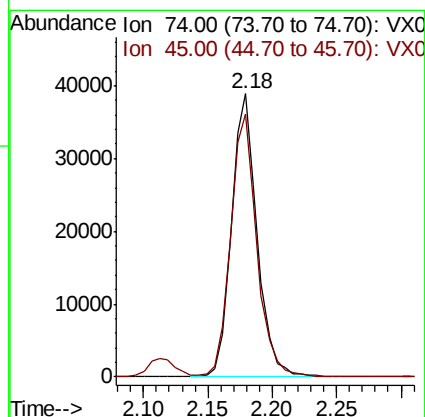
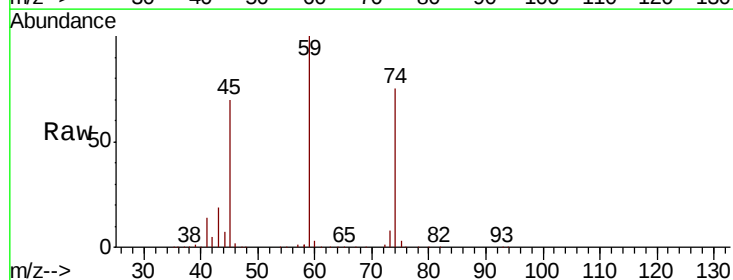
Tot Ion:101 Resp: 126329
Ion Ratio Lower Upper
101 100
103 65.5 52.5 78.7

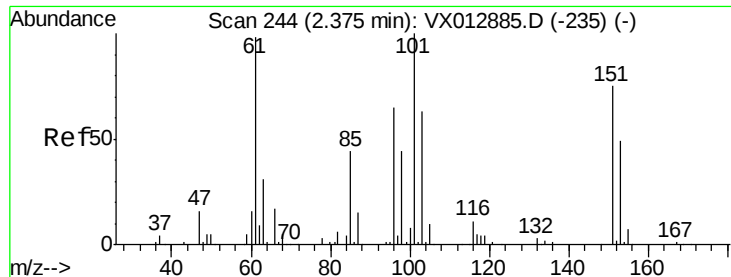


#8

Diethyl Ether
Concen: 55.413 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX012978.D
Acq: 10 Oct 2019 06:06

Tgt Ion: 74 Resp: 53844
Ion Ratio Lower Upper
74 100
45 95.5 47.8 143.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.942 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX012978.D

Acq: 10 Oct 2019 06:06

Instrument :

MSVOA_X

ClientSampleId :

FA19-MMW0010MS

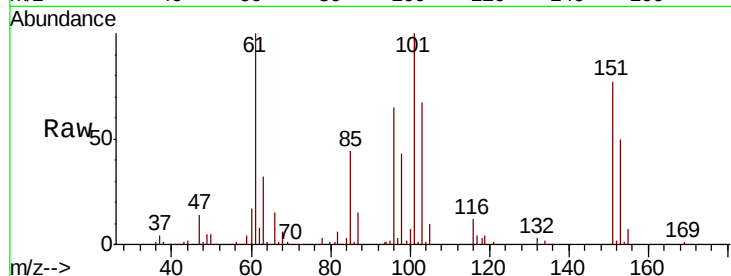
Tot Ion:101 Resp: 74693

Ion Ratio Lower Upper

101 100

85 43.5 35.2 52.8

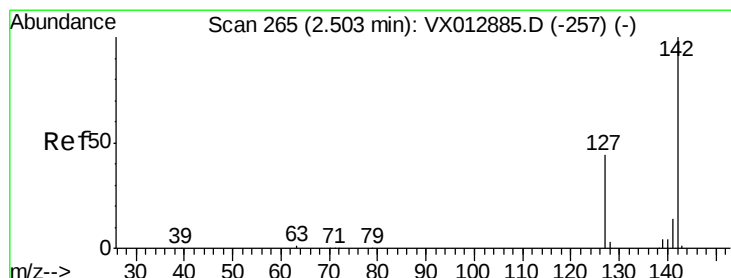
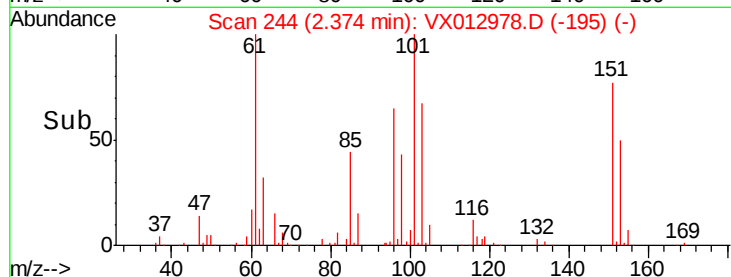
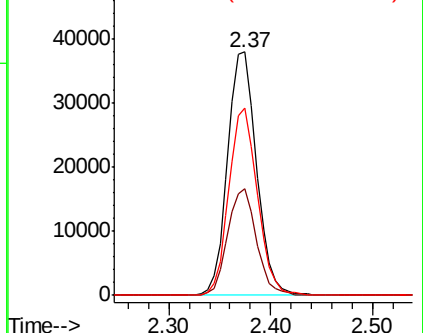
151 75.7 60.3 90.5



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: 54.266 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX012978.D

Acq: 10 Oct 2019 06:06

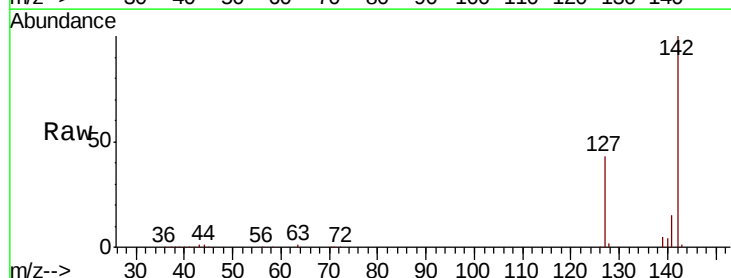
Tgt Ion:142 Resp: 96634

Ion Ratio Lower Upper

142 100

127 43.8 34.9 52.3

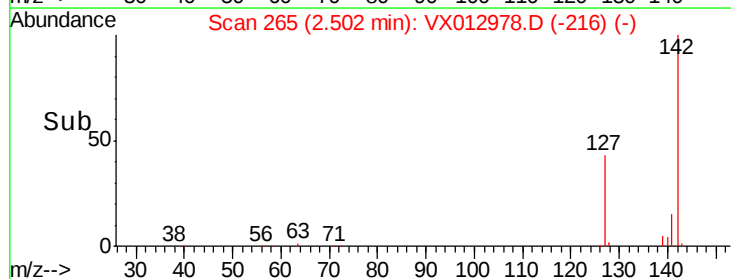
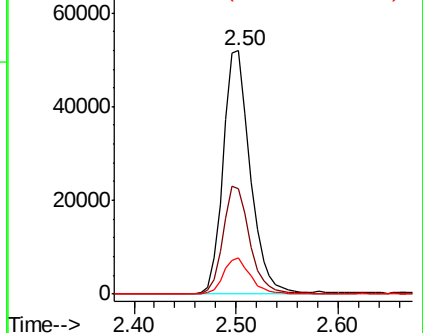
141 14.4 11.6 17.4

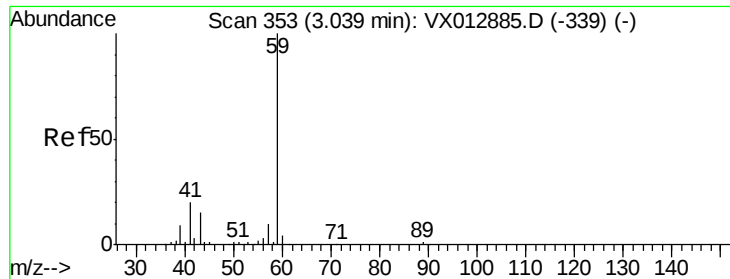


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



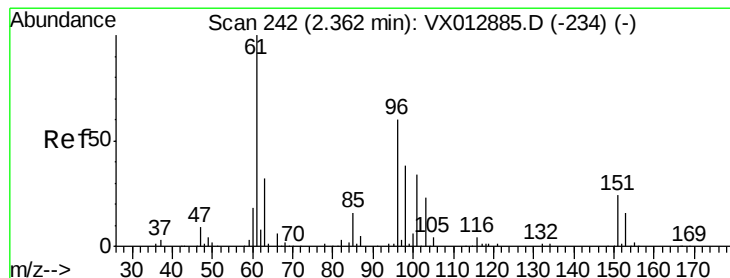
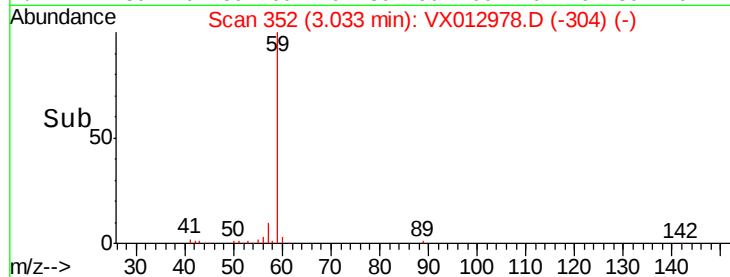
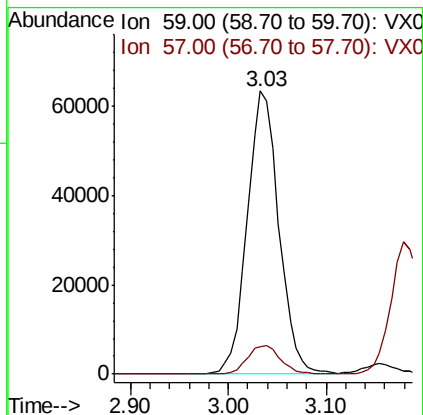
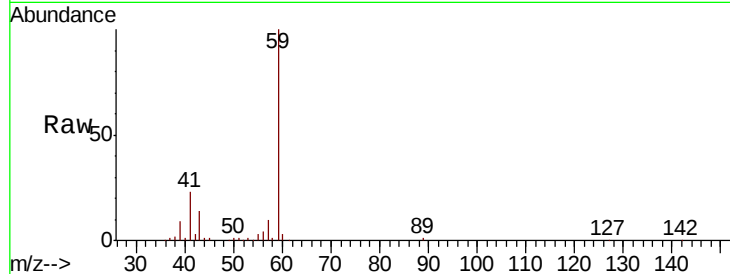


#11

Tert butyl alcohol
 Concen: 276.601 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VX012978.D
 Acq: 10 Oct 2019 06:06

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-MMW0010MS

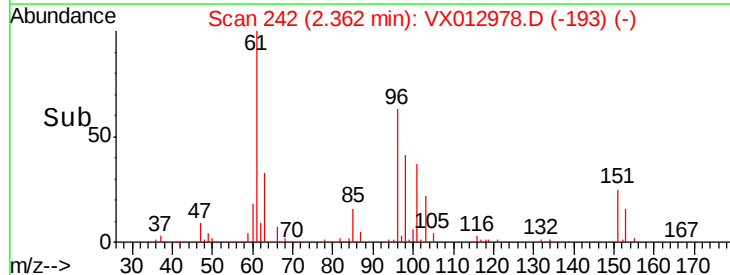
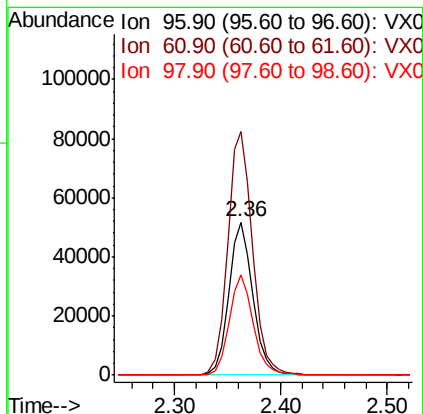
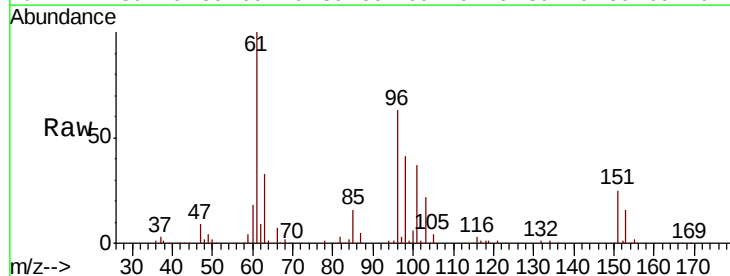
Tot Ion: 59 Resp: 142757
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.3 12.5

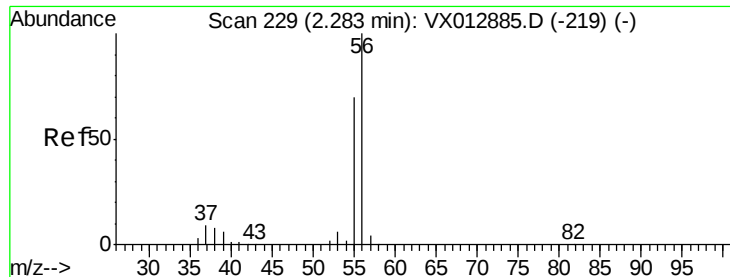


#12

1,1-Dichloroethene
 Concen: 51.918 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. -0.00 min
 Lab File: VX012978.D
 Acq: 10 Oct 2019 06:06

Tgt Ion: 96 Resp: 81726
 Ion Ratio Lower Upper
 96 100
 61 159.0 132.2 198.4
 98 65.2 50.5 75.7

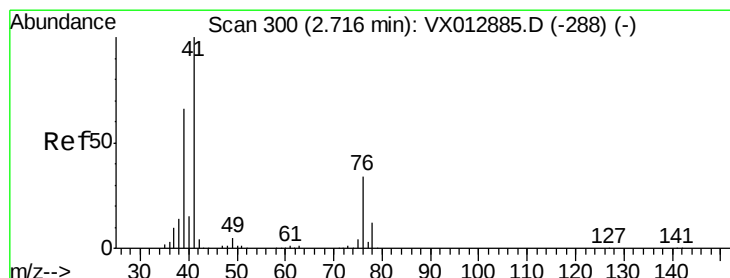
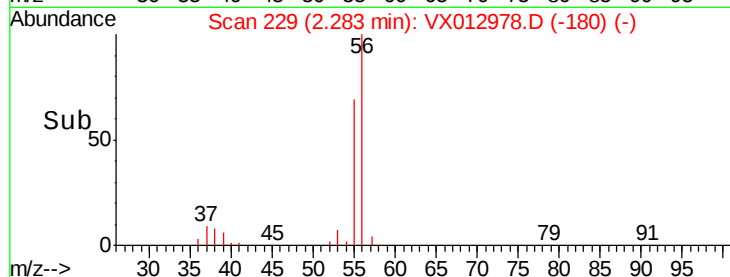
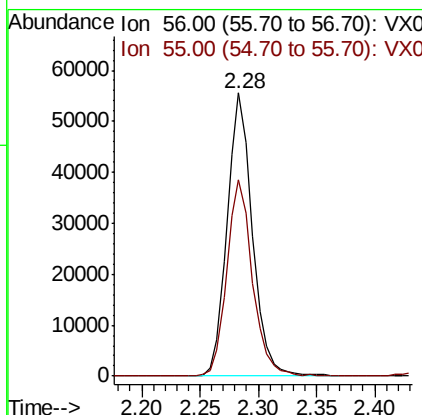
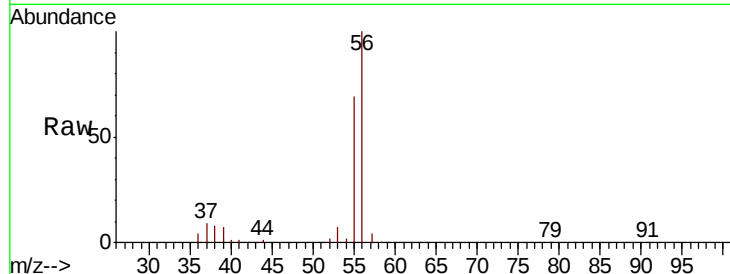




#13
Acrolein
Concen: 228.495 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.00 min
Lab File: VX012978.D
Acq: 10 Oct 2019 06:06

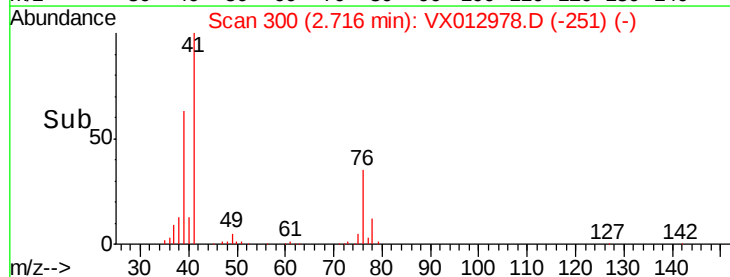
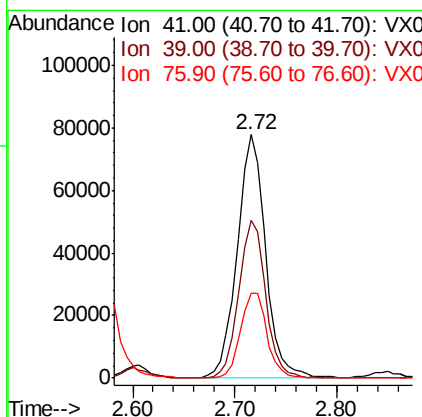
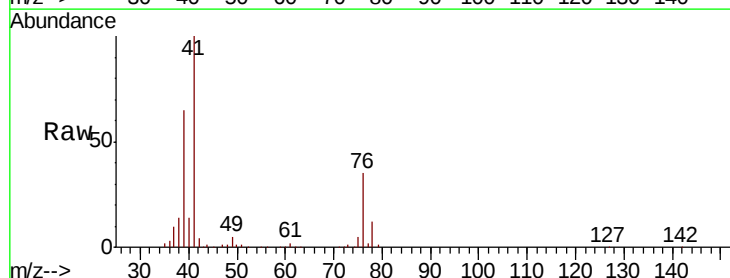
Instrument :
MSVOA_X
ClientSampleId :
FA19-MMW0010MS

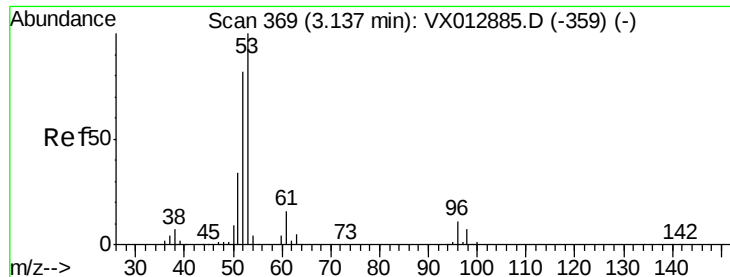
Tot Ion: 56 Resp: 83807
Ion Ratio Lower Upper
56 100
55 70.1 56.6 85.0



#14
Allyl chloride
Concen: 53.425 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.00 min
Lab File: VX012978.D
Acq: 10 Oct 2019 06:06

Tgt Ion: 41 Resp: 149768
Ion Ratio Lower Upper
41 100
39 60.9 51.0 76.6
76 33.1 26.2 39.4





#15

Acrylonitrile

Concen: 291.196 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.01 min

Lab File: VX012978.D

Acq: 10 Oct 2019 06:06

Instrument :

MSVOA_X

ClientSampleId :

FA19-MMW0010MS

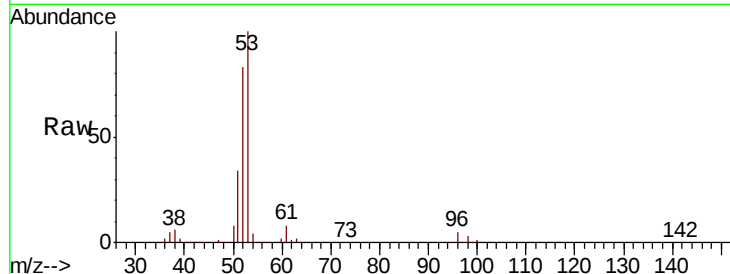
Tot Ion: 53 Resp: 284810

Ion Ratio Lower Upper

53 100

52 81.7 66.2 99.2

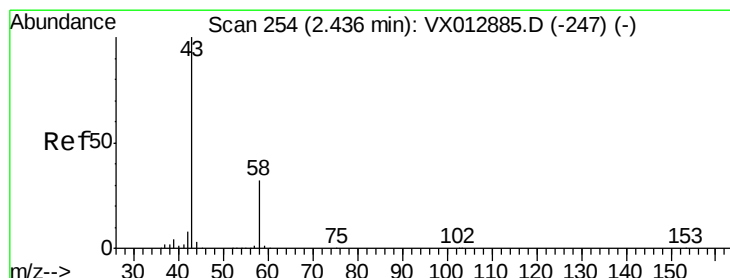
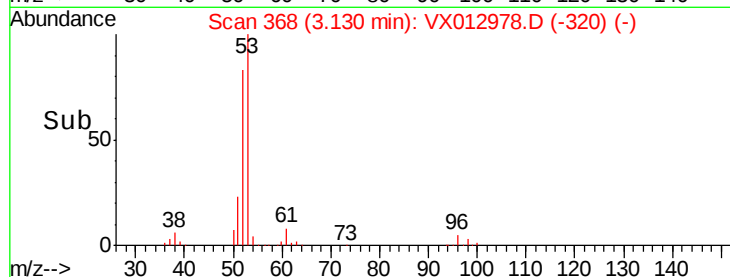
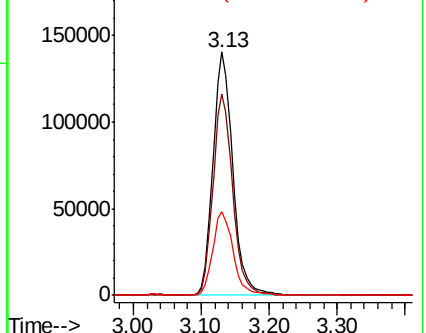
51 35.4 28.2 42.4



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: 249.559 ug/l

RT: 2.44 min Scan# 254

Delta R.T. -0.00 min

Lab File: VX012978.D

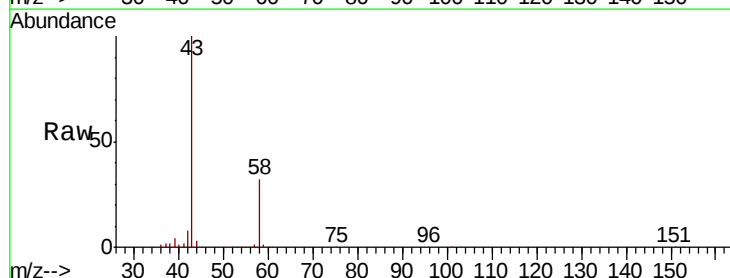
Acq: 10 Oct 2019 06:06

Tgt Ion: 43 Resp: 256103

Ion Ratio Lower Upper

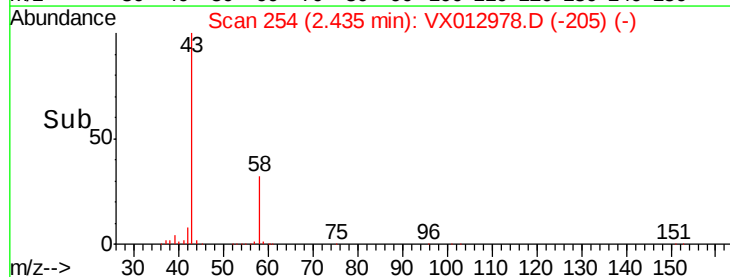
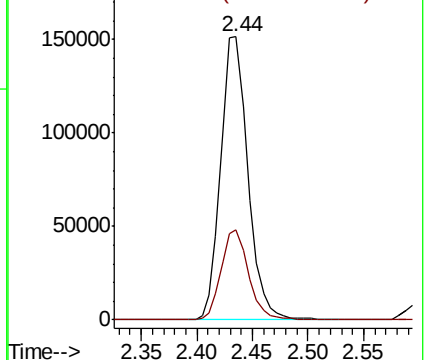
43 100

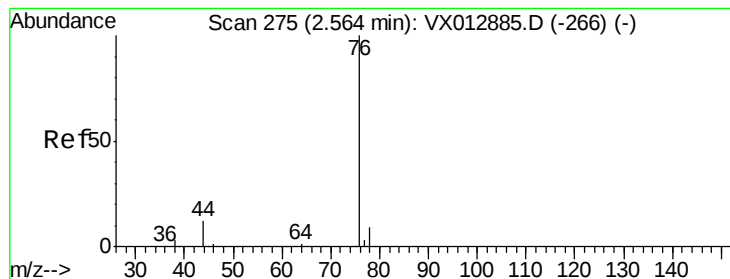
58 31.7 25.4 38.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 49.959 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.01 min

Lab File: VX012978.D

Acq: 10 Oct 2019 06:06

Instrument :

MSVOA_X

ClientSampleId :

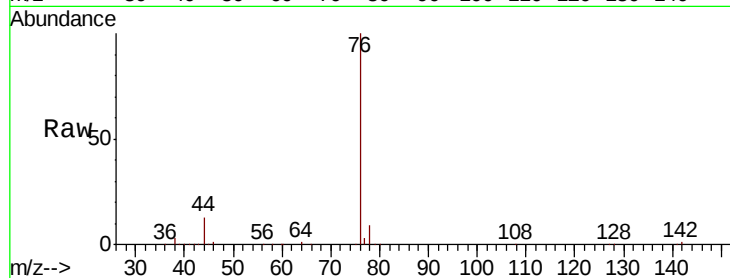
FA19-MMW0010MS

Tot Ion: 76 Resp: 224241

Ion Ratio Lower Upper

76 100

78 8.8 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

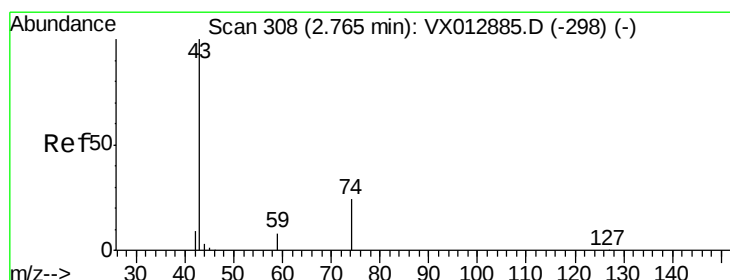
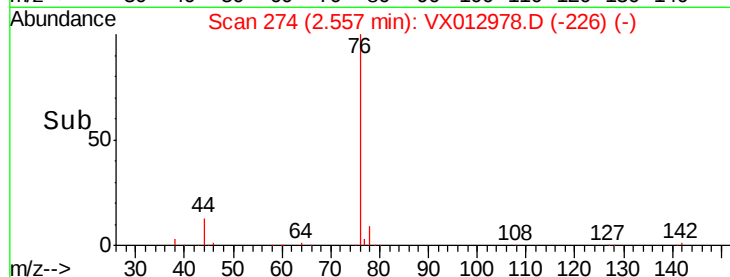
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 50.713 ug/l

RT: 2.76 min Scan# 308

Delta R.T. -0.00 min

Lab File: VX012978.D

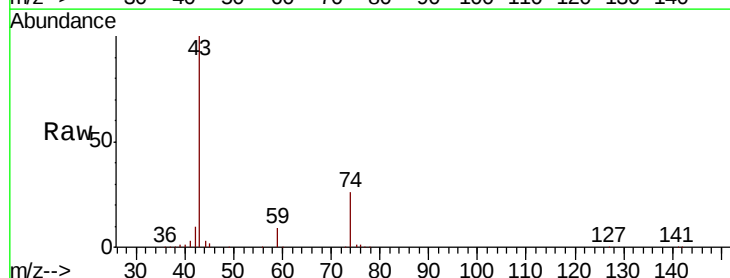
Acq: 10 Oct 2019 06:06

Tgt Ion: 43 Resp: 123356

Ion Ratio Lower Upper

43 100

74 25.0 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

80000

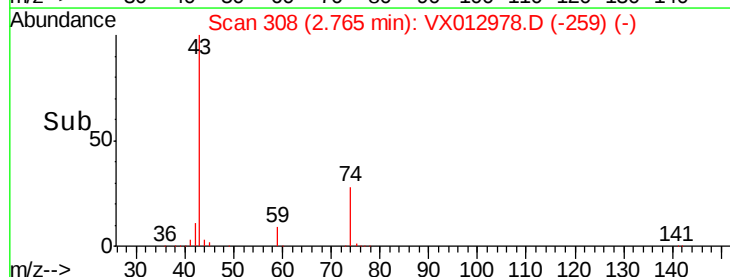
60000

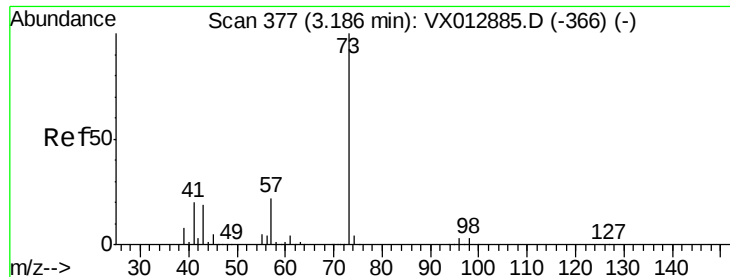
40000

20000

0

Time-->

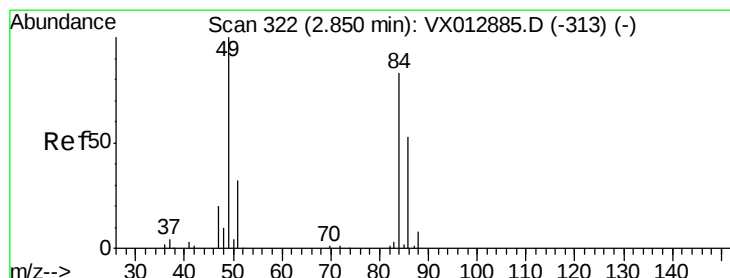
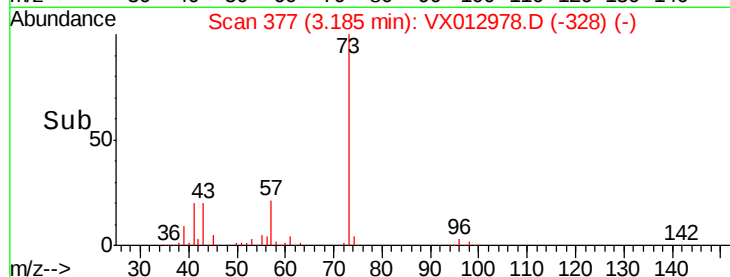
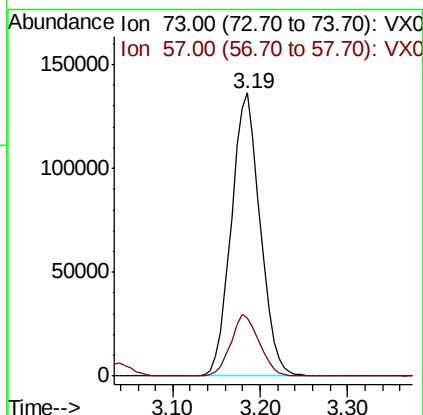
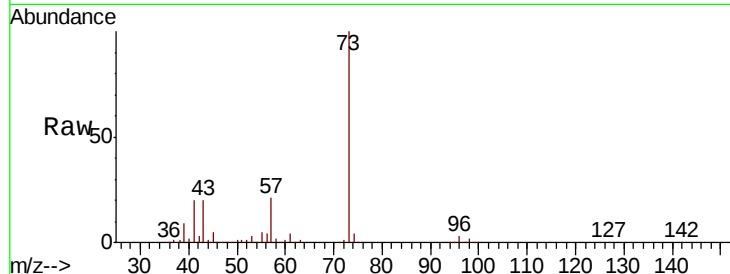




#19
Methyl tert-butyl Ether
Concen: 57.591 ug/l
RT: 3.19 min Scan# 377
Delta R.T. -0.00 min
Lab File: VX012978.D
Acq: 10 Oct 2019 06:06

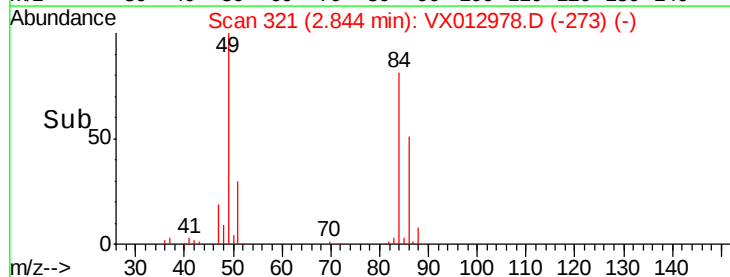
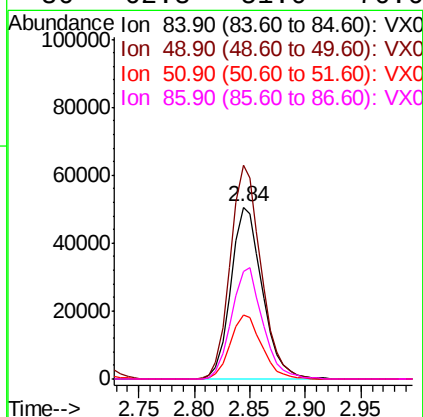
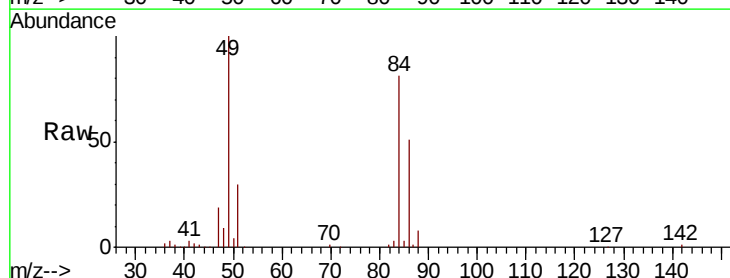
Instrument :
MSVOA_X
ClientSampleId :
FA19-MMW0010MS

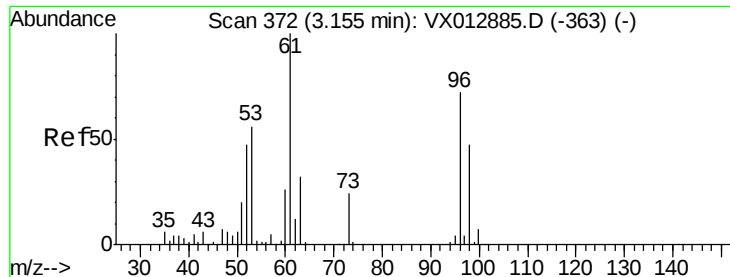
Tot Ion: 73 Resp: 313065
Ion Ratio Lower Upper
73 100
57 20.6 17.8 26.6



#20
Methylene Chloride
Concen: 52.481 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX012978.D
Acq: 10 Oct 2019 06:06

Tgt Ion: 84 Resp: 98980
Ion Ratio Lower Upper
84 100
49 124.2 96.6 144.8
51 37.3 30.7 46.1
86 62.8 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 54.491 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX012978.D

Acq: 10 Oct 2019 06:06

Instrument :

MSVOA_X

ClientSampleId :

FA19-MMW0010MS

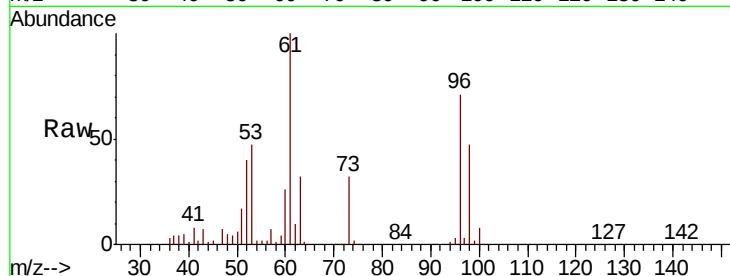
Tot Ion: 96 Resp: 91937

Ion Ratio Lower Upper

96 100

61 140.4 110.4 165.6

98 65.9 51.5 77.3

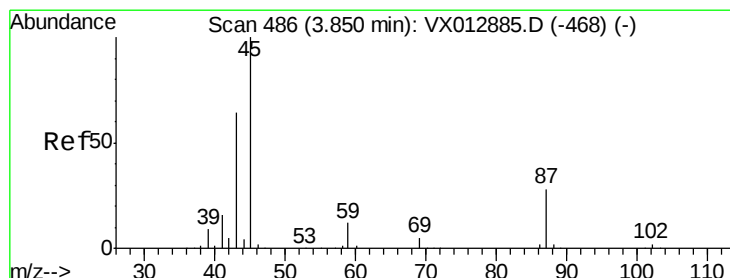
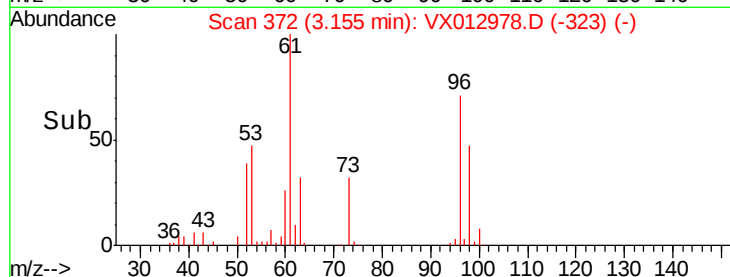
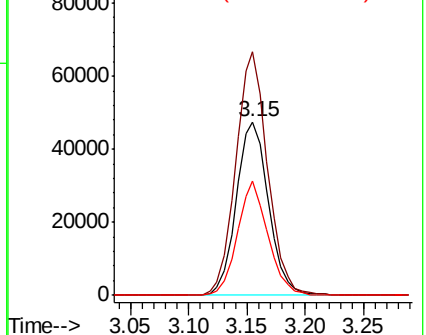


Abundance

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: 56.606 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.01 min

Lab File: VX012978.D

Acq: 10 Oct 2019 06:06

Tgt Ion: 45 Resp: 304072

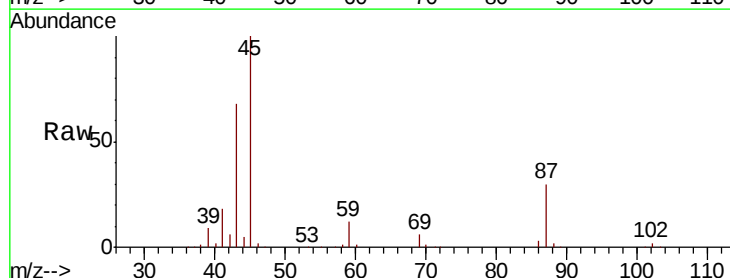
Ion Ratio Lower Upper

45 100

43 68.2 51.4 77.0

87 29.5 22.5 33.7

59 12.3 9.7 14.5



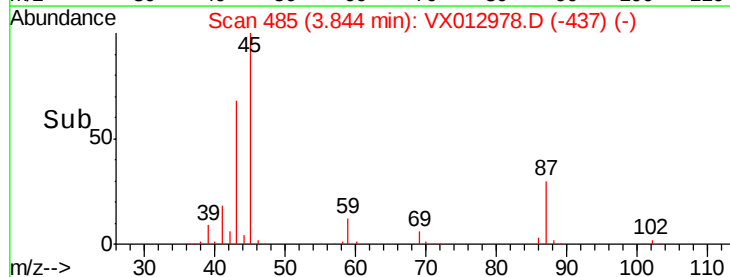
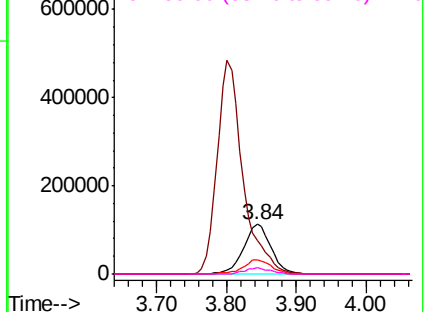
Abundance

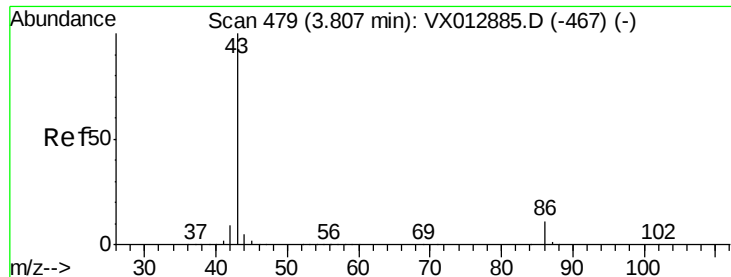
Ion 45.00 (44.70 to 45.70): VX0

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: 267.844 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX012978.D

Acq: 10 Oct 2019 06:06

Instrument :

MSVOA_X

ClientSampleId :

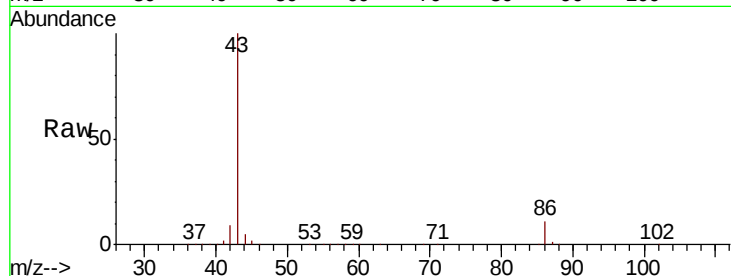
FA19-MMW0010MS

Tot Ion: 43 Resp: 1242053

Ion Ratio Lower Upper

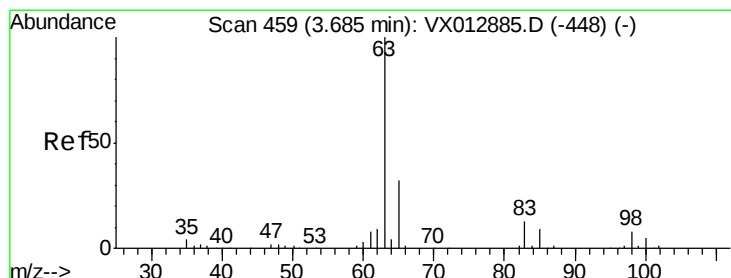
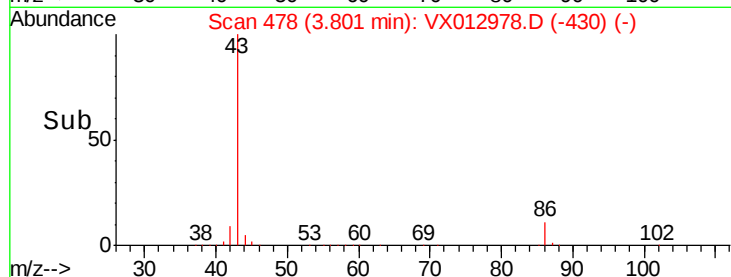
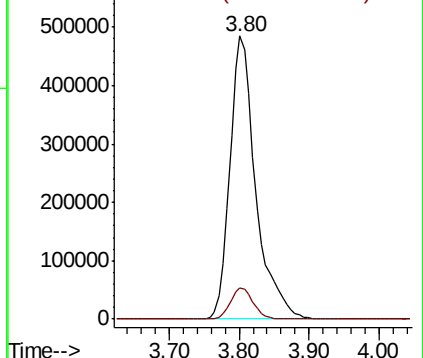
43 100

86 10.9 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 55.533 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX012978.D

Acq: 10 Oct 2019 06:06

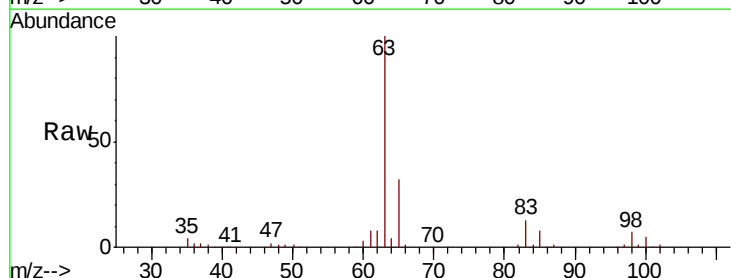
Tgt Ion: 63 Resp: 167818

Ion Ratio Lower Upper

63 100

98 6.6 3.9 11.5

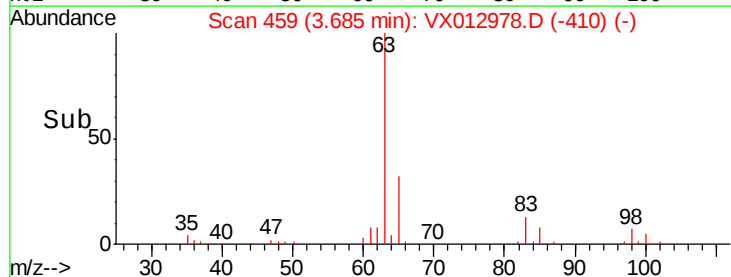
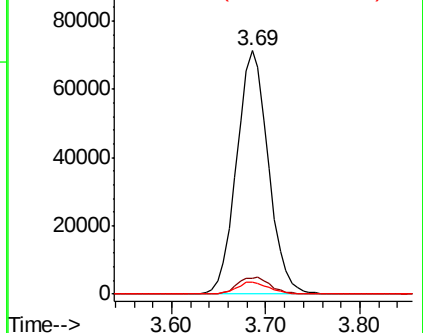
100 5.0 2.3 6.9

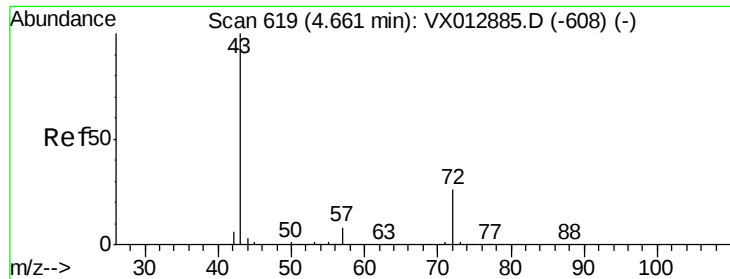


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 275.329 ug/l

RT: 4.66 min Scan# 619

Delta R.T. -0.00 min

Lab File: VX012978.D

Acq: 10 Oct 2019 06:06

Instrument :

MSVOA_X

ClientSampleId :

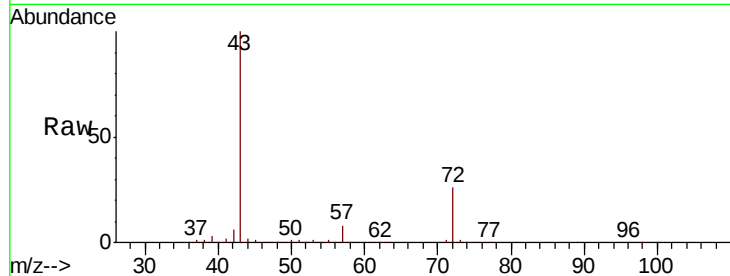
FA19-MMW0010MS

Tot Ion: 43 Resp: 391998

Ion Ratio Lower Upper

43 100

72 26.2 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

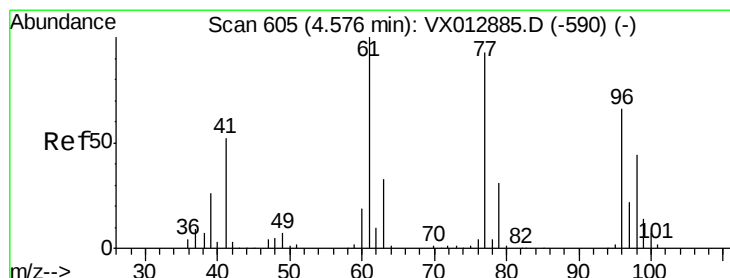
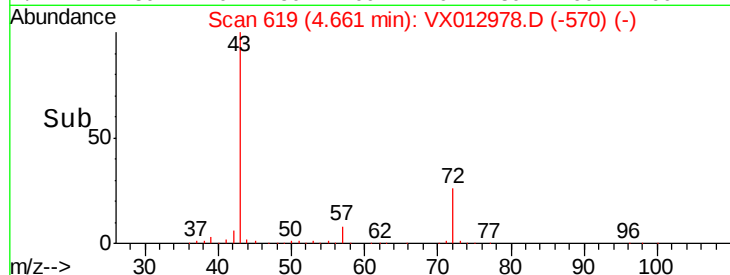
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 36.582 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX012978.D

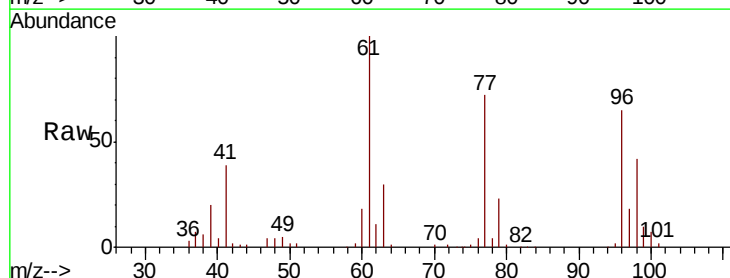
Acq: 10 Oct 2019 06:06

Tgt Ion: 77 Resp: 92962

Ion Ratio Lower Upper

77 100

97 25.2 11.3 33.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

30000

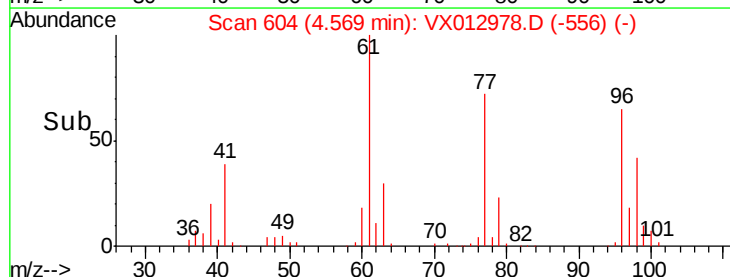
20000

10000

0

4.40 4.50 4.60 4.70

Time-->



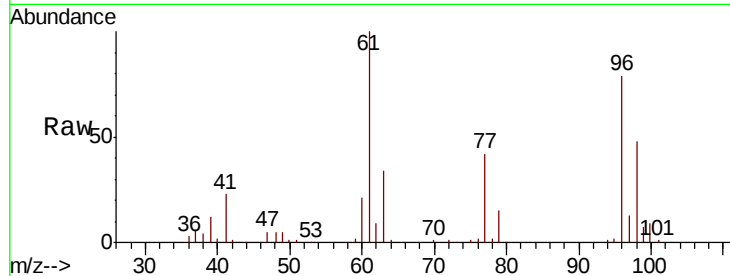


#27

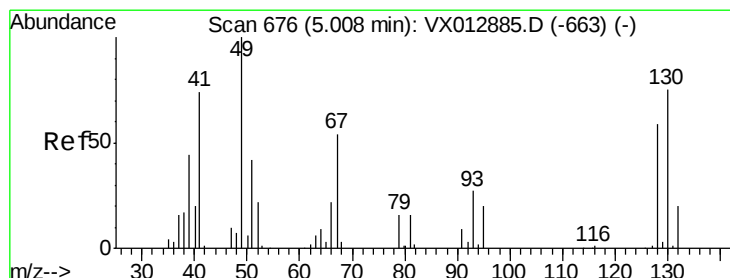
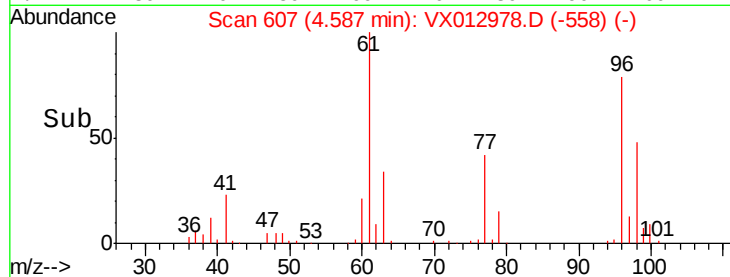
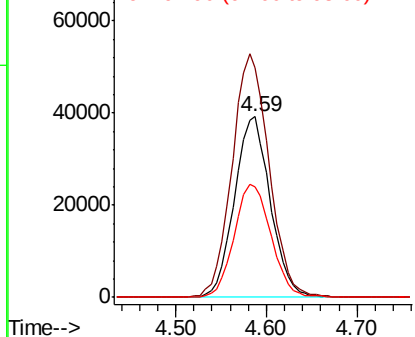
cis-1,2-Dichloroethene
 Concen: 55.435 ug/l
 RT: 4.59 min Scan# 607
 Delta R.T. -0.00 min
 Lab File: VX012978.D
 Acq: 10 Oct 2019 06:06

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-MMW0010MS

Tot Ion	Ratio	Lower	Upper
96	100		
61	138.6	0.0	290.6
98	64.3	0.0	128.8



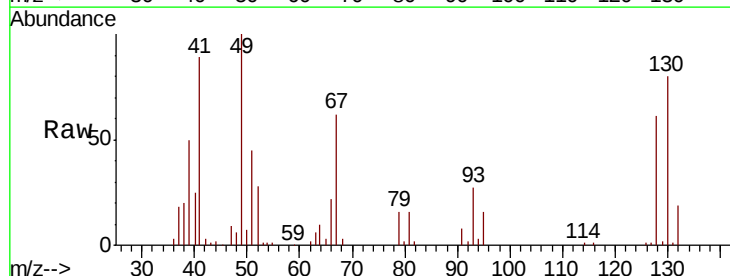
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



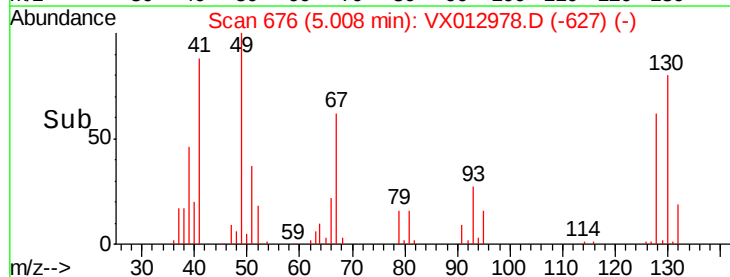
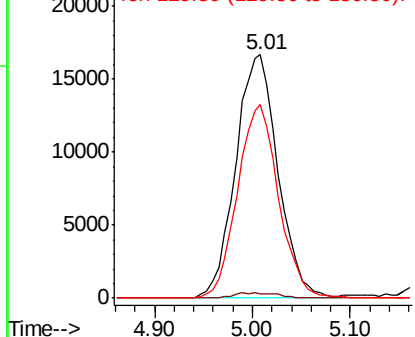
#28

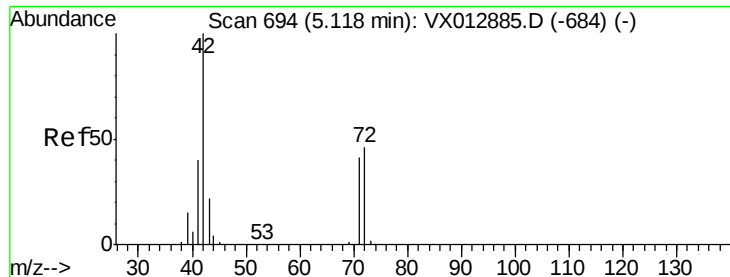
Bromochloromethane
 Concen: 55.435 ug/l
 RT: 5.01 min Scan# 676
 Delta R.T. 0.00 min
 Lab File: VX012978.D
 Acq: 10 Oct 2019 06:06

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.2
130	77.2	62.1	93.1



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





#29

Tetrahydrofuran

Concen: 290.934 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.01 min

Lab File: VX012978.D

Acq: 10 Oct 2019 06:06

Instrument :

MSVOA_X

ClientSampleId :

FA19-MMW0010MS

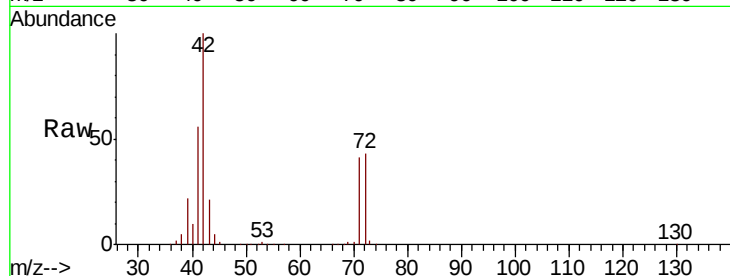
Tot Ion: 42 Resp: 254894

Ion Ratio Lower Upper

42 100

72 46.1 36.9 55.3

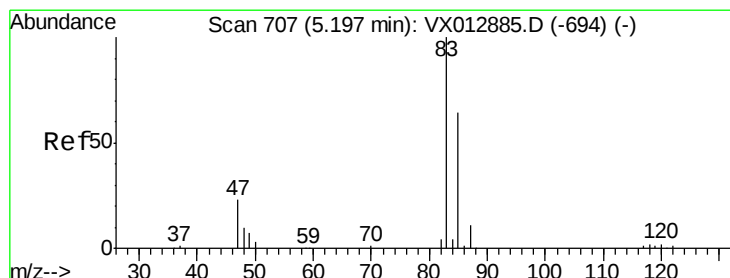
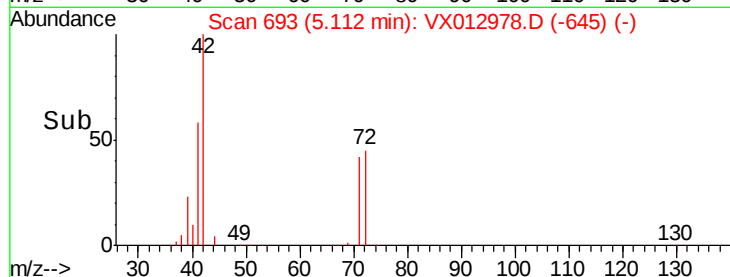
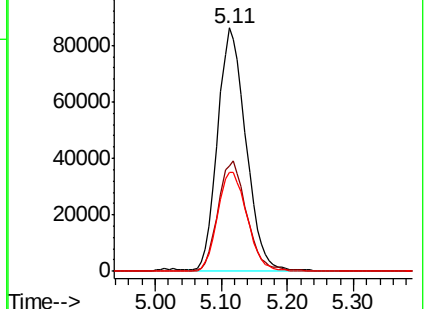
71 42.6 33.5 50.3



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 55.058 ug/l

RT: 5.20 min Scan# 708

Delta R.T. 0.01 min

Lab File: VX012978.D

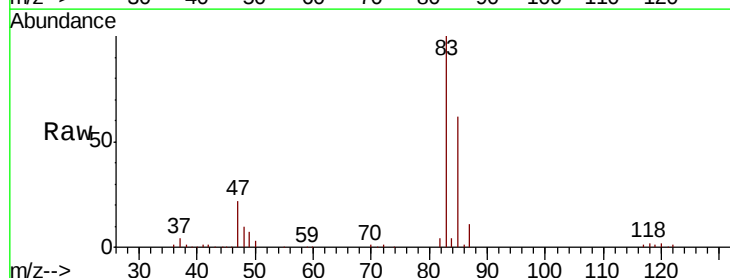
Acq: 10 Oct 2019 06:06

Tgt Ion: 83 Resp: 170724

Ion Ratio Lower Upper

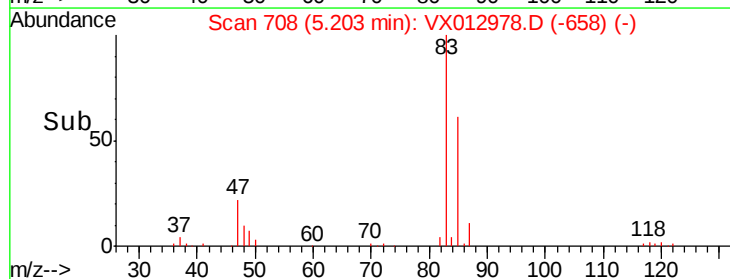
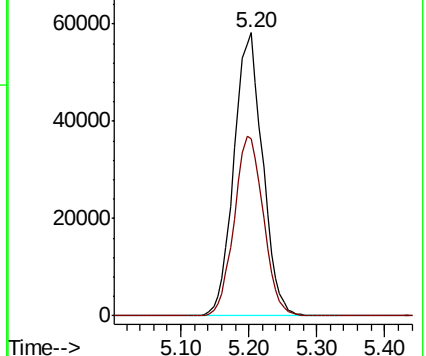
83 100

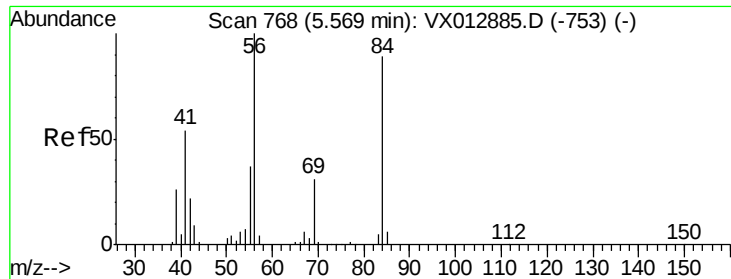
85 62.5 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

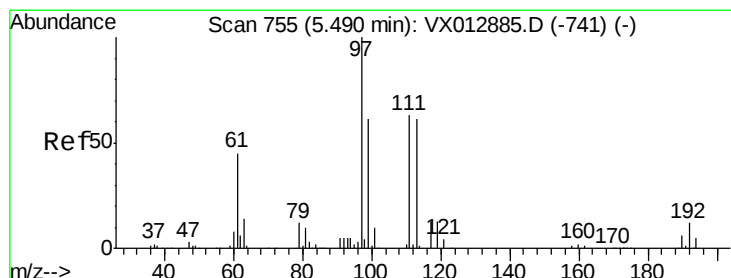
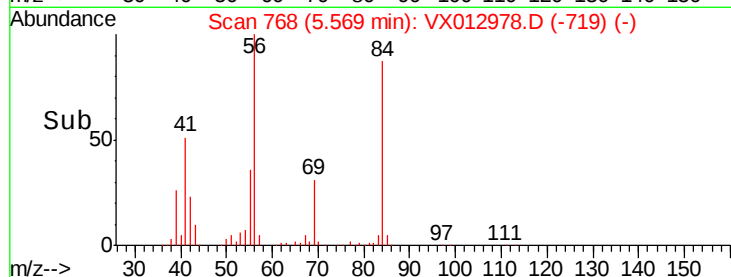
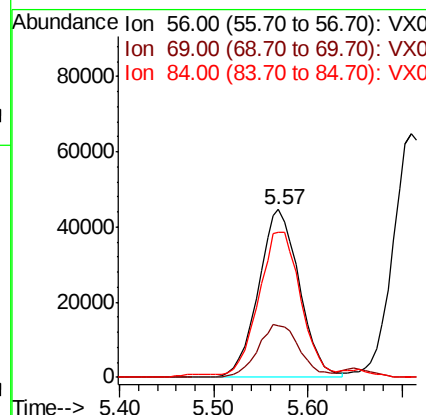
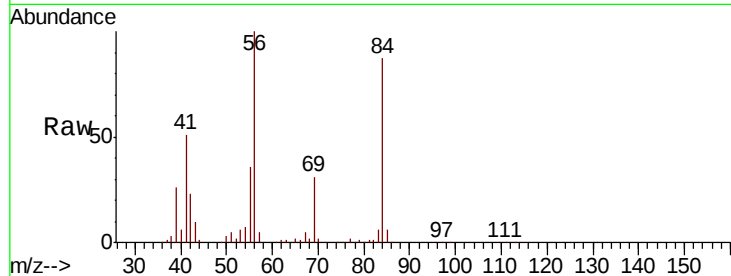




#31
Cyclohexane
Concen: 47.864 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX012978.D
Acq: 10 Oct 2019 06:06

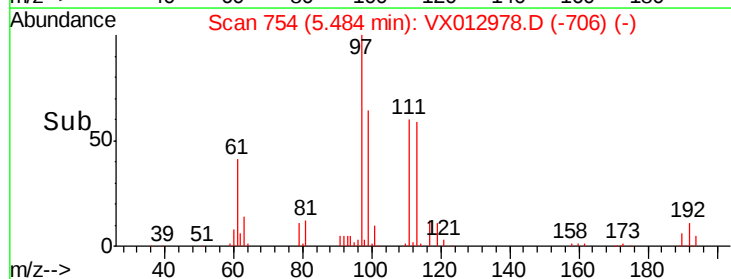
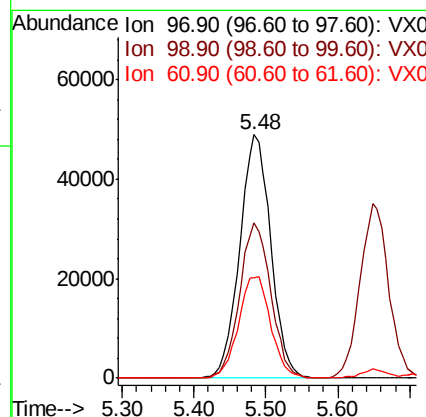
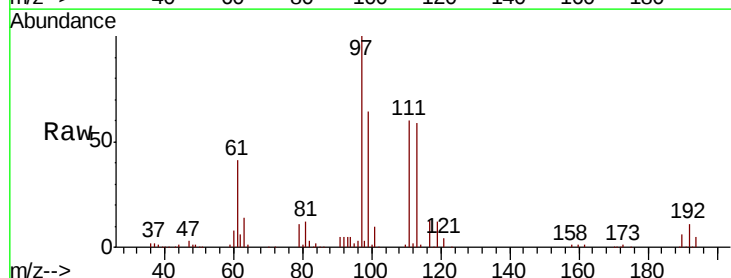
Instrument :
MSVOA_X
ClientSampleId :
FA19-MMW0010MS

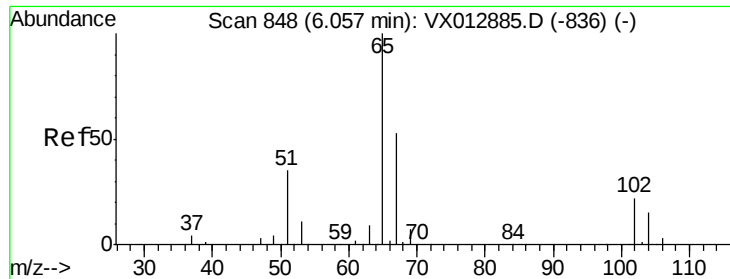
Tot Ion: 56 Resp: 135251
Ion Ratio Lower Upper
56 100
69 31.0 25.2 37.8
84 85.2 71.3 106.9



#32
1,1,1-Trichloroethane
Concen: 55.827 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX012978.D
Acq: 10 Oct 2019 06:06

Tgt Ion: 97 Resp: 146675
Ion Ratio Lower Upper
97 100
99 64.1 52.3 78.5
61 43.0 35.0 52.4

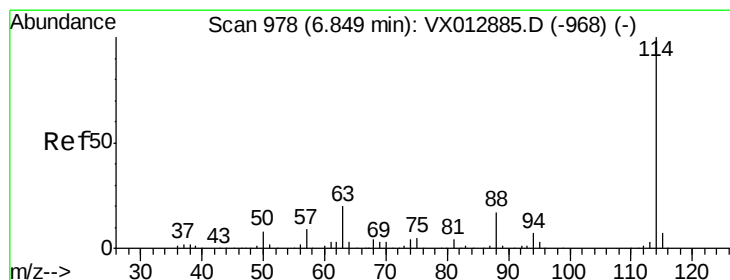
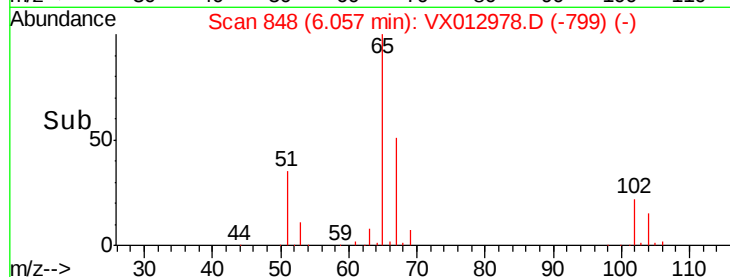
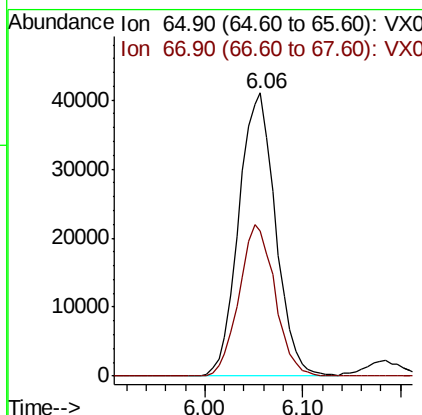
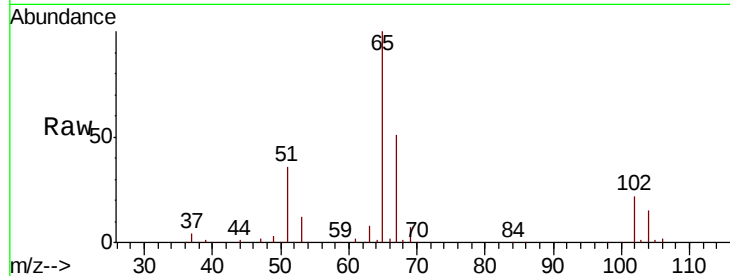




#33
 1,2-Dichloroethane-d4
 Concen: 55.082 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. -0.00 min
 Lab File: VX012978.D
 Acq: 10 Oct 2019 06:06

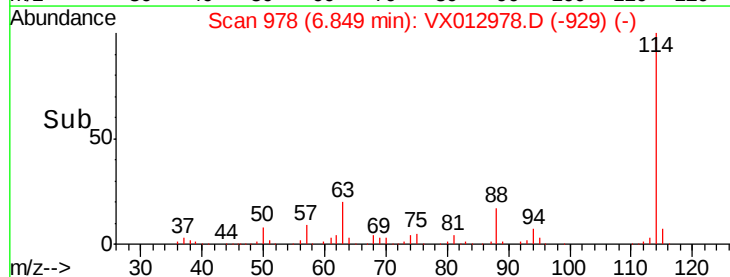
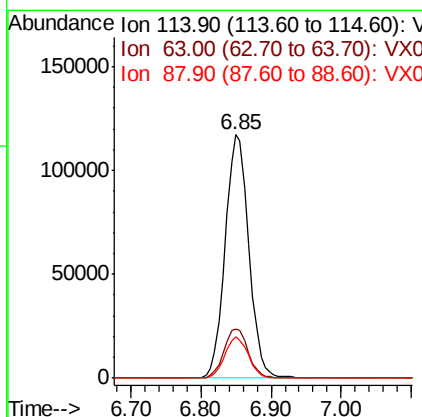
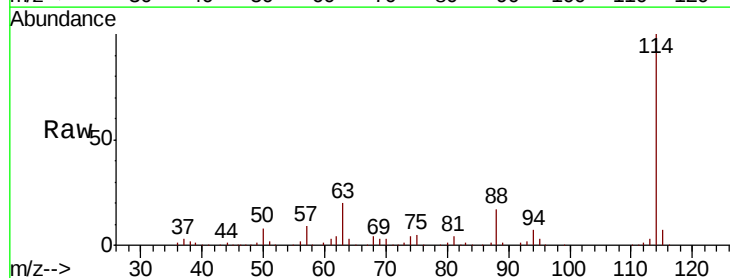
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-MMW0010MS

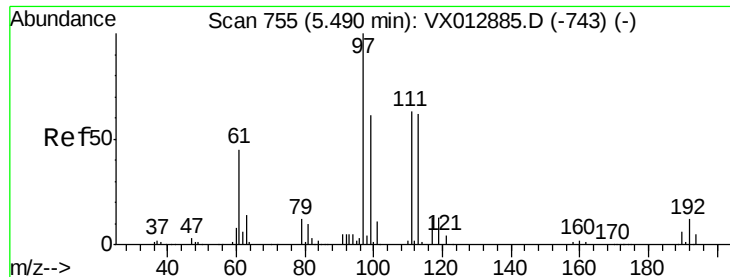
Tot Ion: 65 Resp: 107240
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012978.D
 Acq: 10 Oct 2019 06:06

Tgt Ion: 114 Resp: 275431
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 40.8
 88 16.8 0.0 33.8





#35

Dibromofluoromethane

Concen: 52.689 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX012978.D

Acq: 10 Oct 2019 06:06

Instrument :

MSVOA_X

ClientSampleId :

FA19-MMW0010MS

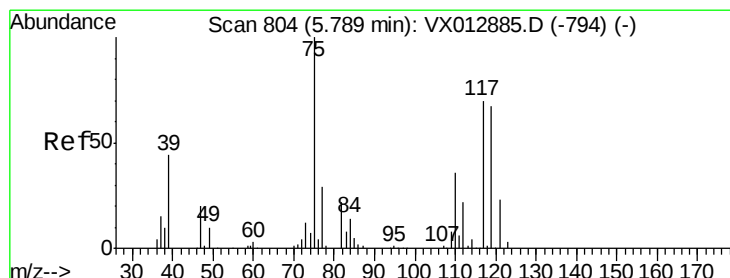
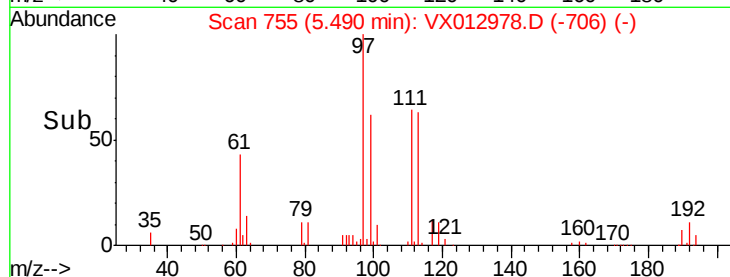
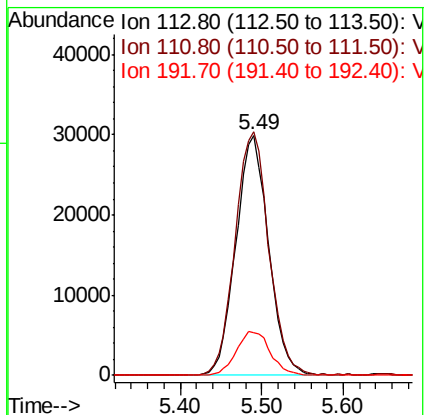
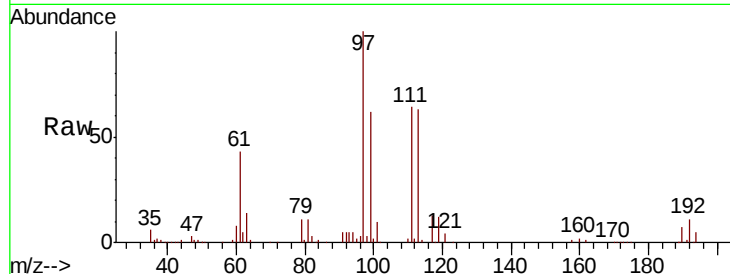
Tot Ion:113 Resp: 83293

Ion Ratio Lower Upper

113 100

111 104.3 83.2 124.8

192 18.9 15.4 23.2



#36

1,1-Dichloropropene

Concen: 51.231 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX012978.D

Acq: 10 Oct 2019 06:06

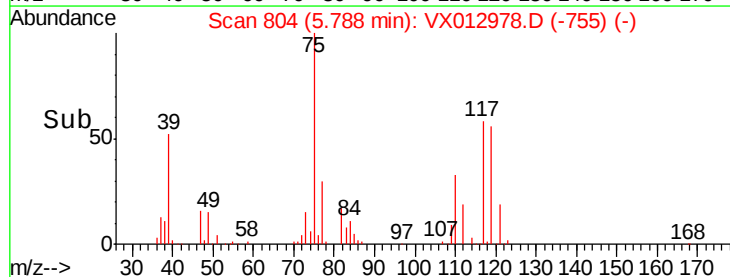
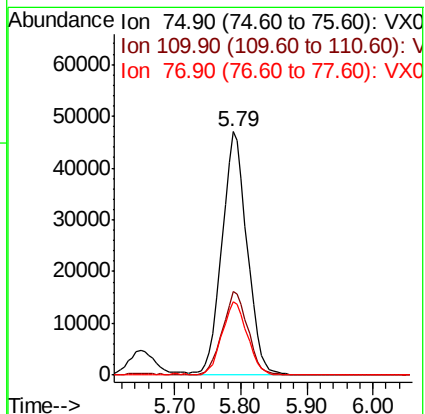
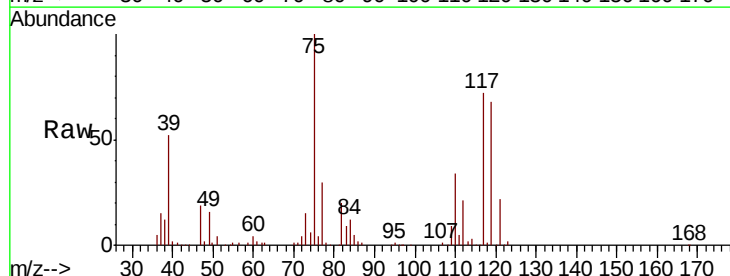
Tgt Ion: 75 Resp: 124062

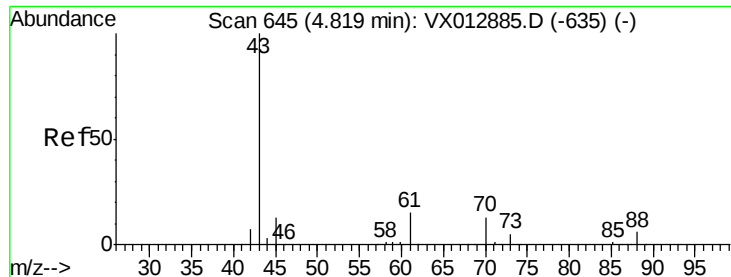
Ion Ratio Lower Upper

75 100

110 34.6 17.6 52.9

77 30.4 24.4 36.6





#37

Ethyl Acetate

Concen: 51.478 ug/l

RT: 4.82 min Scan# 645

Delta R.T. -0.00 min

Lab File: VX012978.D

Acq: 10 Oct 2019 06:06

Instrument :

MSVOA_X

ClientSampleId :

FA19-MMW0010MS

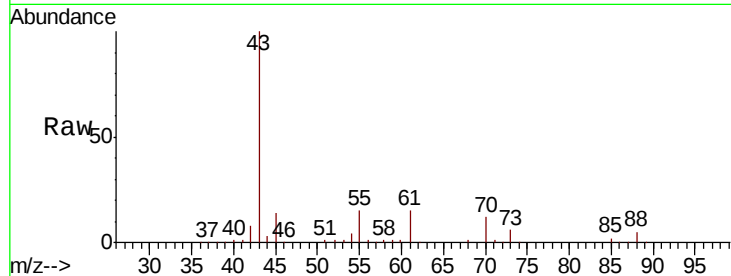
Tot Ion: 43 Resp: 139393

Ion Ratio Lower Upper

43 100

61 14.9 11.4 17.0

70 11.8 9.8 14.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0

150000

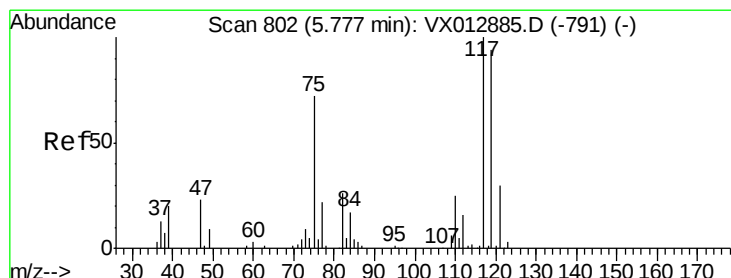
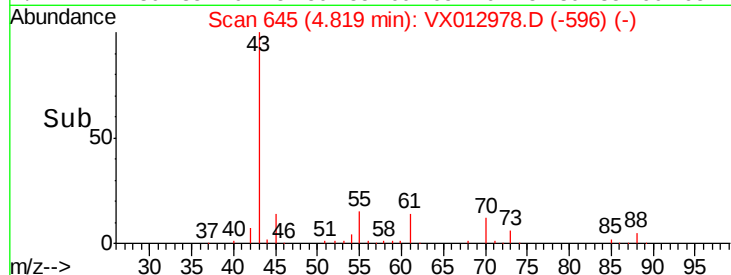
100000

50000

0

4.70 4.80 4.90 5.00

Time-->



#38

Carbon Tetrachloride

Concen: 51.496 ug/l

RT: 5.78 min Scan# 802

Delta R.T. -0.00 min

Lab File: VX012978.D

Acq: 10 Oct 2019 06:06

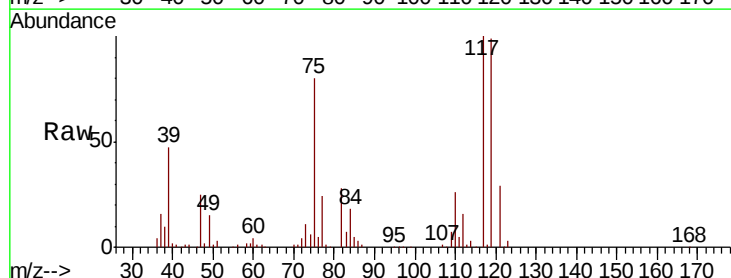
Tgt Ion: 117 Resp: 121379

Ion Ratio Lower Upper

117 100

119 99.2 74.5 111.7

121 29.0 24.2 36.4



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

50000

40000

30000

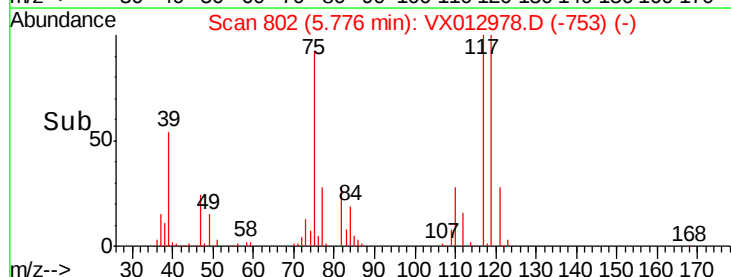
20000

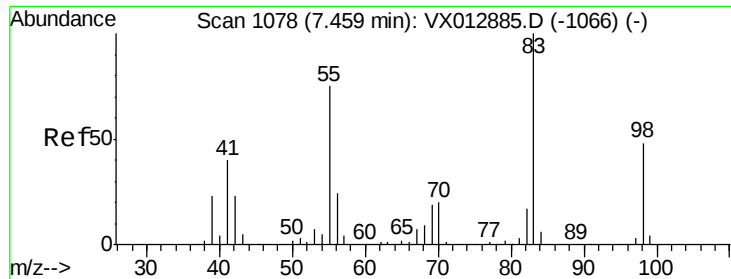
10000

0

5.70 5.80 5.90

Time-->

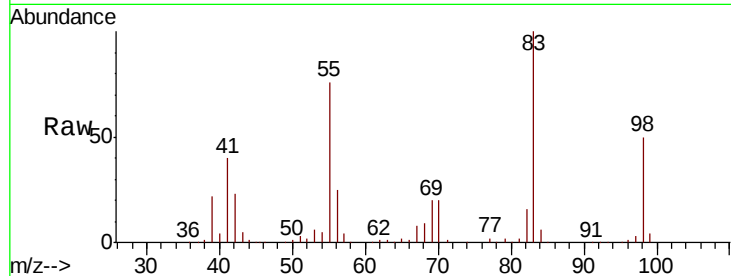




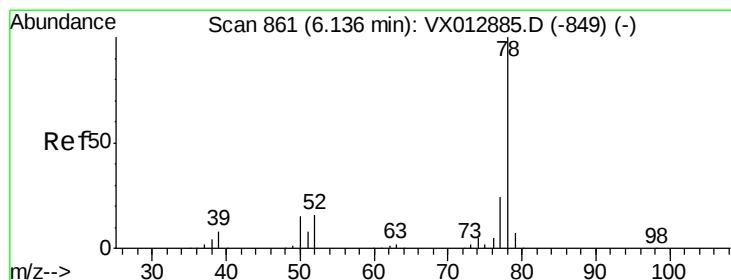
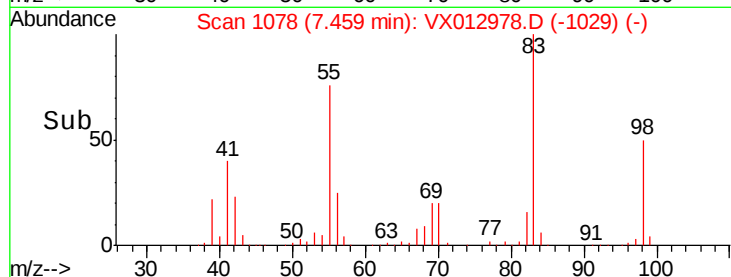
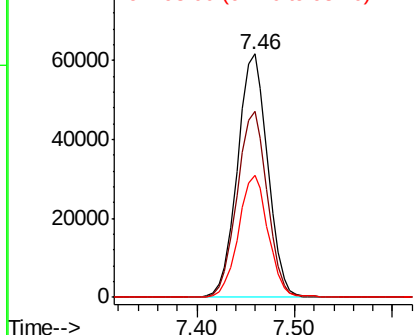
#39
Methvlcvclohexane
Concen: 45.177 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX012978.D
Acq: 10 Oct 2019 06:06

Instrument :
MSVOA_X
ClientSampleId :
FA19-MMW0010MS

Tot Ion: 83 Resp: 132675
Ion Ratio Lower Upper
83 100
55 76.3 60.2 90.4
98 50.3 38.5 57.7

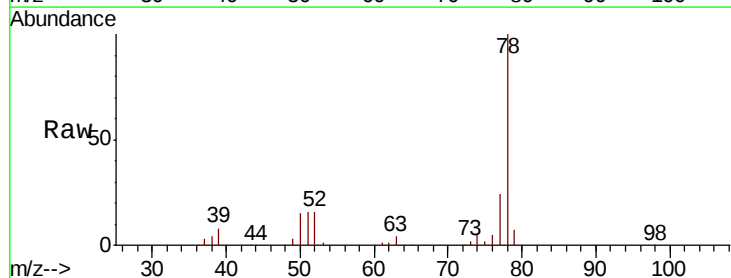


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

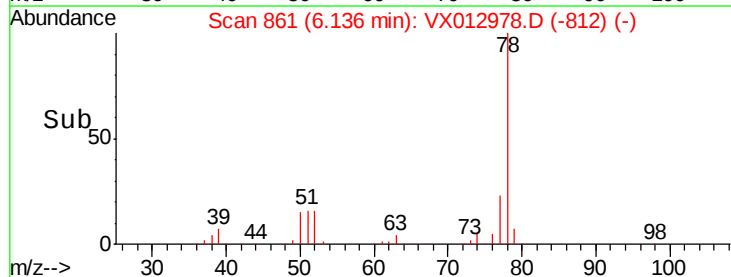
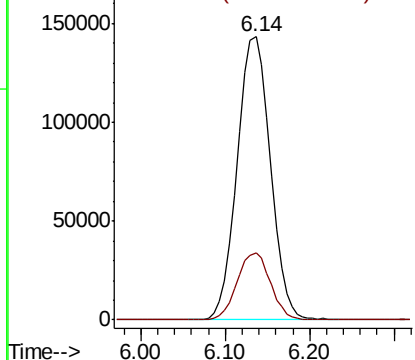


#40
Benzene
Concen: 53.398 ug/l
RT: 6.14 min Scan# 861
Delta R.T. -0.00 min
Lab File: VX012978.D
Acq: 10 Oct 2019 06:06

Tgt Ion: 78 Resp: 381916
Ion Ratio Lower Upper
78 100
77 23.6 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: 54.042 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.01 min

Lab File: VX012978.D

Acq: 10 Oct 2019 06:06

Instrument :

MSVOA_X

ClientSampleId :

FA19-MMW0010MS

Tot Ion: 41 Resp: 80410

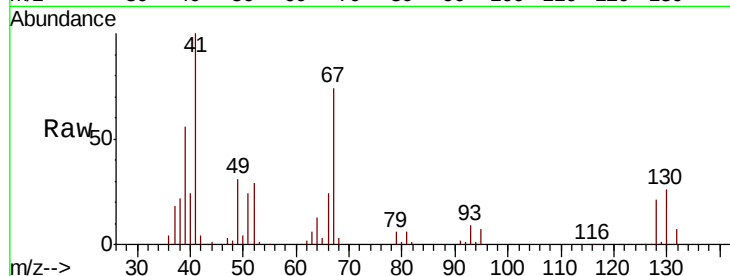
Ion Ratio Lower Upper

41 100

39 54.3 44.0 66.0

67 74.4 58.5 87.7

52 30.1 23.8 35.8

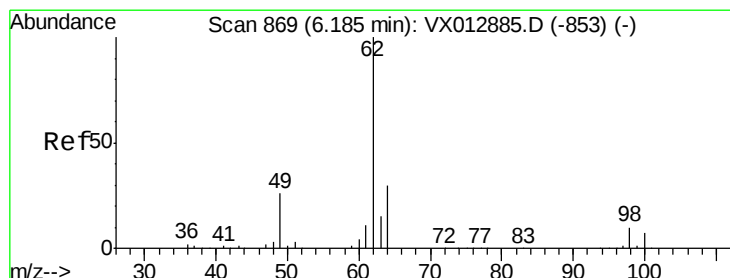
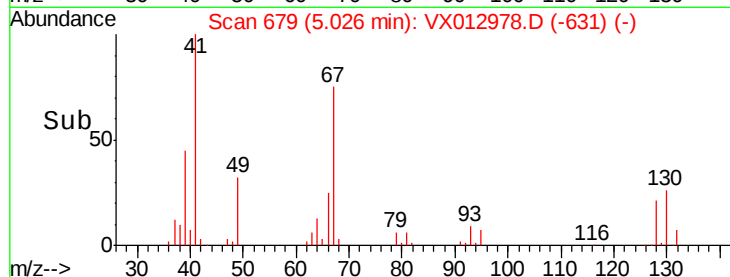
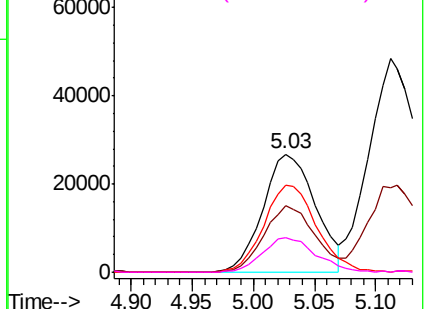


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 54.742 ug/l

RT: 6.18 min Scan# 869

Delta R.T. -0.00 min

Lab File: VX012978.D

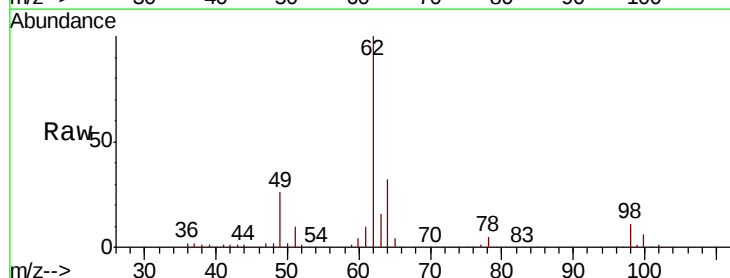
Acq: 10 Oct 2019 06:06

Tgt Ion: 62 Resp: 140492

Ion Ratio Lower Upper

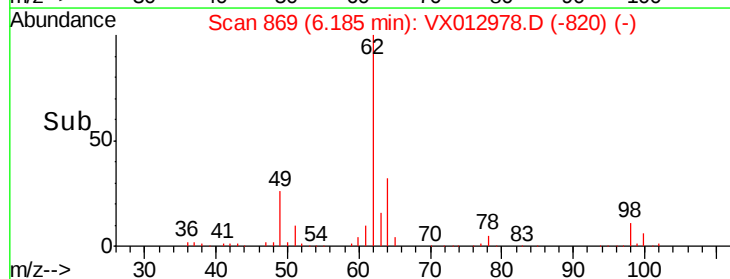
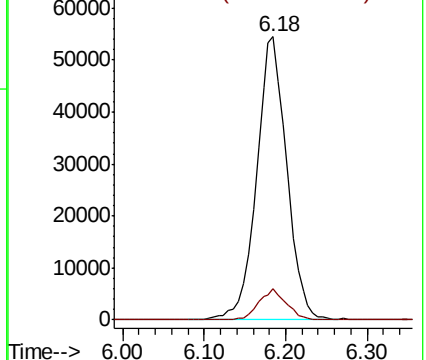
62 100

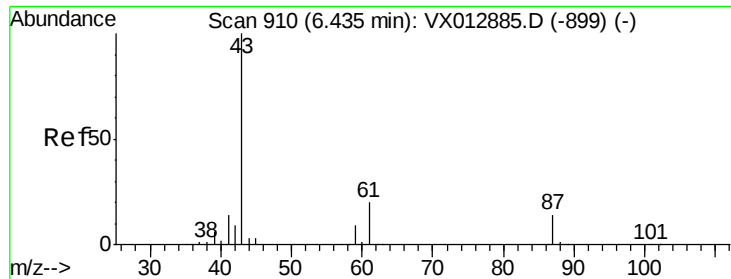
98 10.0 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



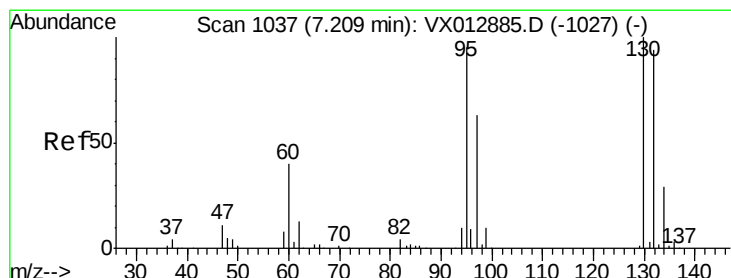
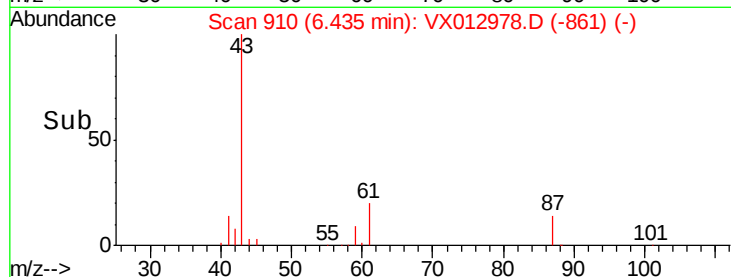
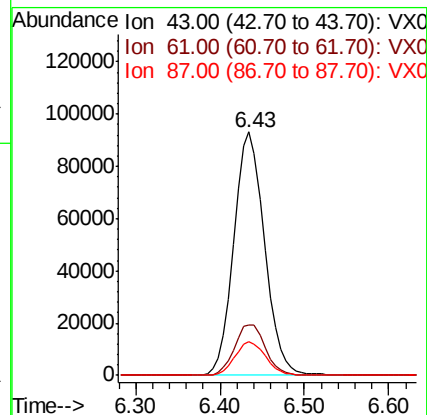
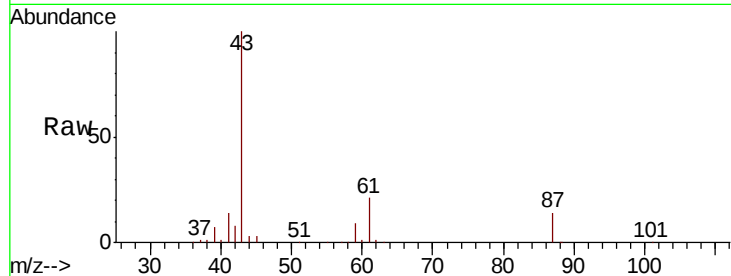


#43

Isopropyl Acetate
 Concen: 52.918 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: VX012978.D
 Acq: 10 Oct 2019 06:06

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-MMW0010MS

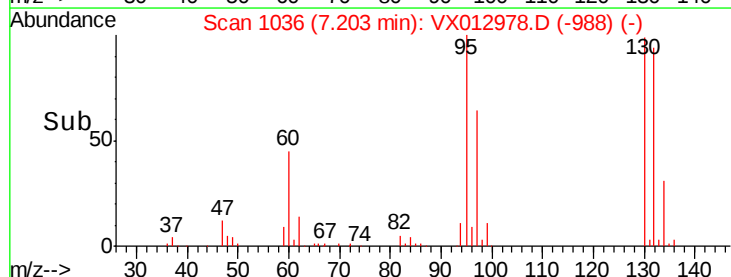
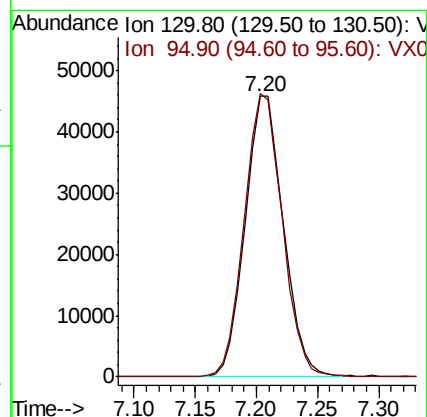
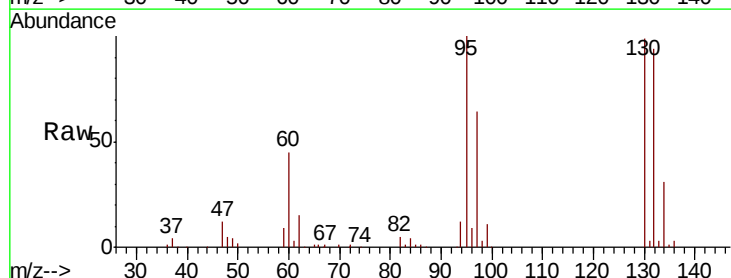
Tot Ion: 43 Resp: 229990
 Ion Ratio Lower Upper
 43 100
 61 21.0 16.6 24.8
 87 13.9 11.0 16.6



#44

Trichloroethene
 Concen: 50.200 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX012978.D
 Acq: 10 Oct 2019 06:06

Tgt Ion: 130 Resp: 99563
 Ion Ratio Lower Upper
 130 100
 95 100.9 0.0 189.2

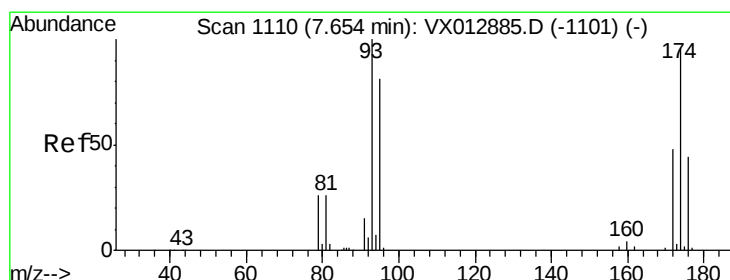
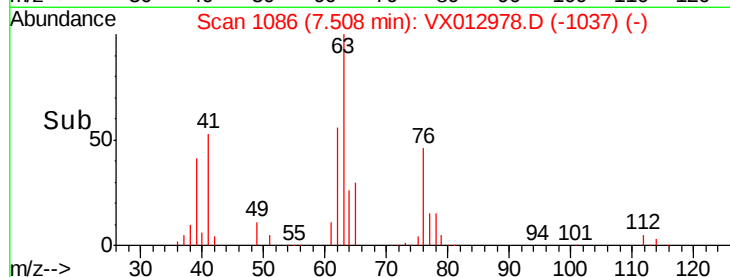
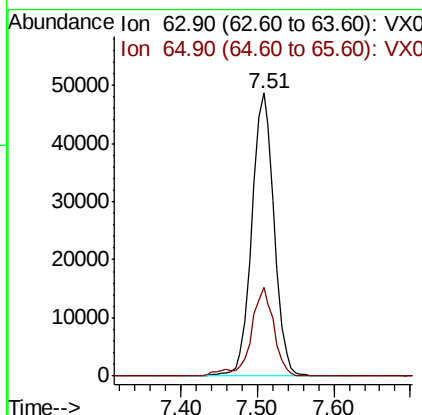
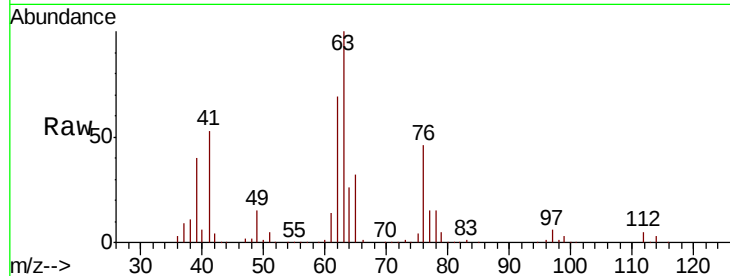




#45
 1,2-Dichloropropane
 Concen: 54.238 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX012978.D
 Acq: 10 Oct 2019 06:06

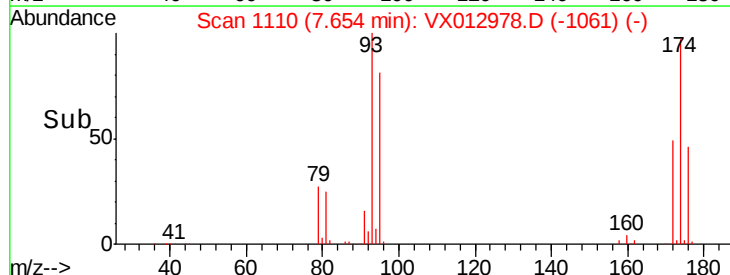
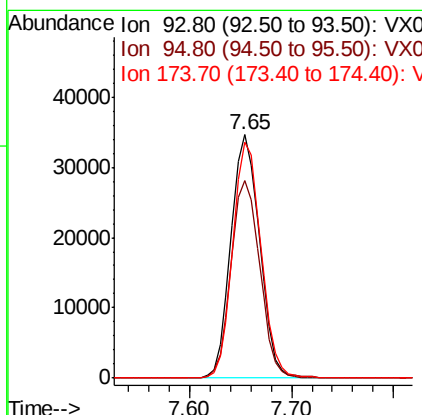
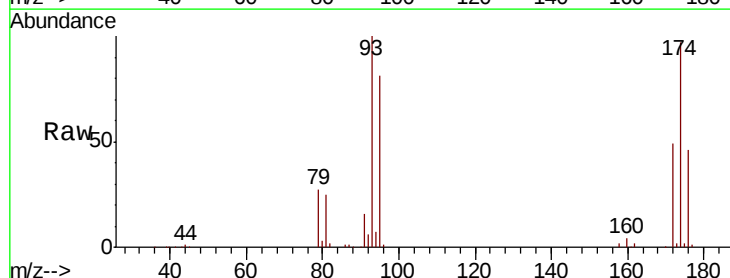
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-MMW0010MS

Tot Ion: 63 Resp: 98869
 Ion Ratio Lower Upper
 63 100
 65 31.6 24.6 37.0



#46
 Dibromomethane
 Concen: 55.770 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX012978.D
 Acq: 10 Oct 2019 06:06

Tgt Ion: 93 Resp: 67733
 Ion Ratio Lower Upper
 93 100
 95 81.3 66.3 99.5
 174 94.8 77.8 116.6





#47

Bromodichloromethane

Concen: 55.173 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX012978.D

Acq: 10 Oct 2019 06:06

Instrument :

MSVOA_X

ClientSampleId :

FA19-MMW0010MS

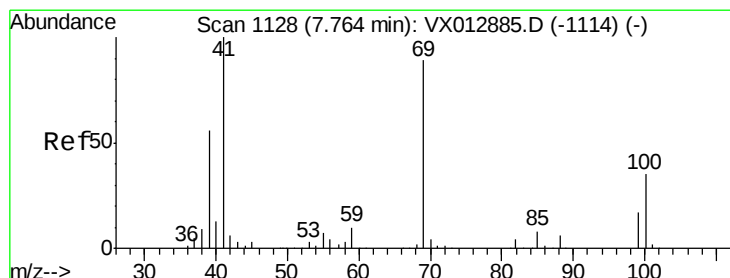
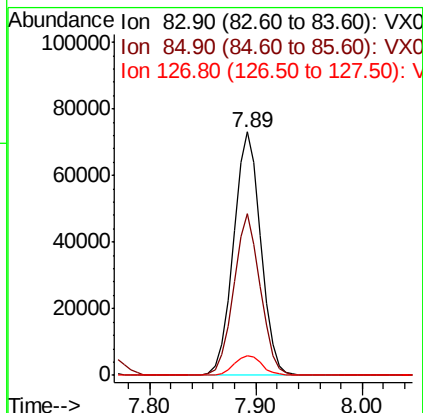
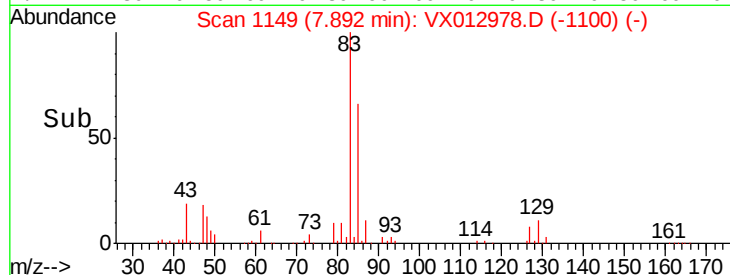
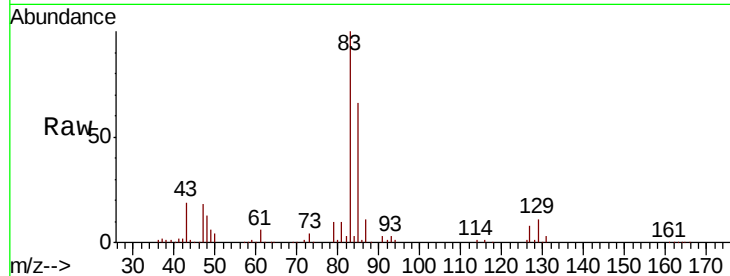
Tot Ion: 83 Resp: 130767

Ion Ratio Lower Upper

83 100

85 66.5 52.4 78.6

127 8.2 6.6 10.0



#48

Methyl methacrylate

Concen: 54.957 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX012978.D

Acq: 10 Oct 2019 06:06

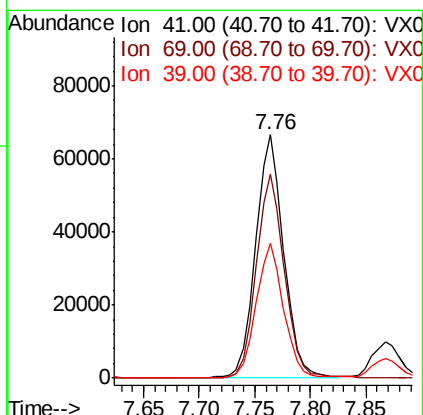
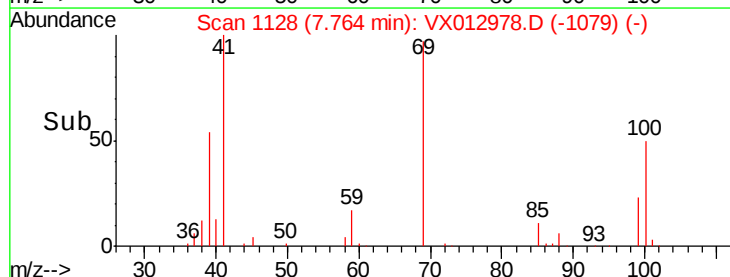
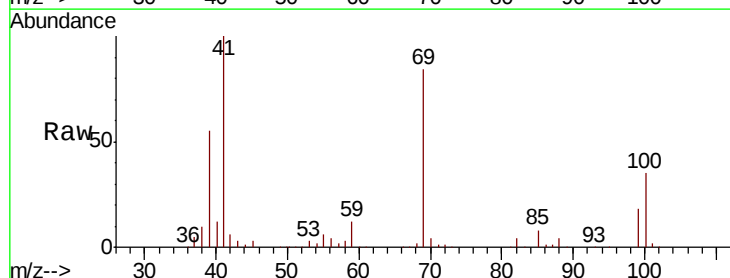
Tgt Ion: 41 Resp: 116395

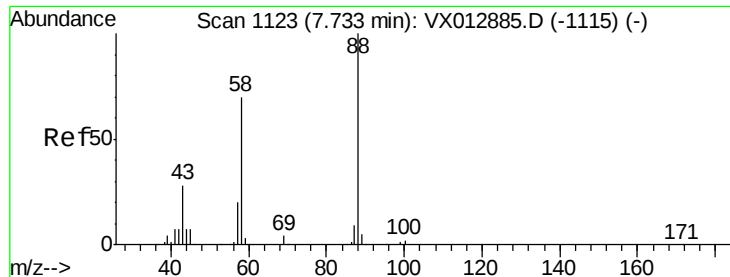
Ion Ratio Lower Upper

41 100

69 84.3 68.7 103.1

39 55.1 44.3 66.5

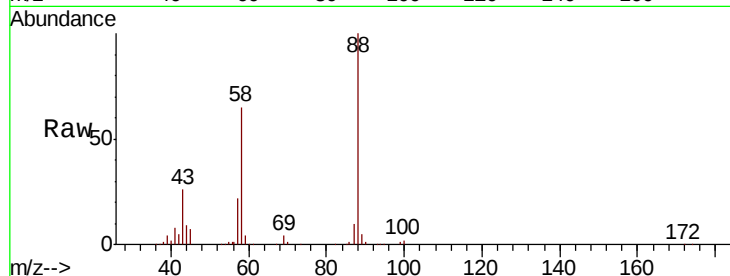




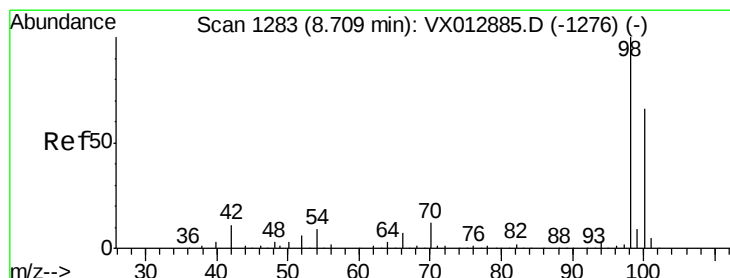
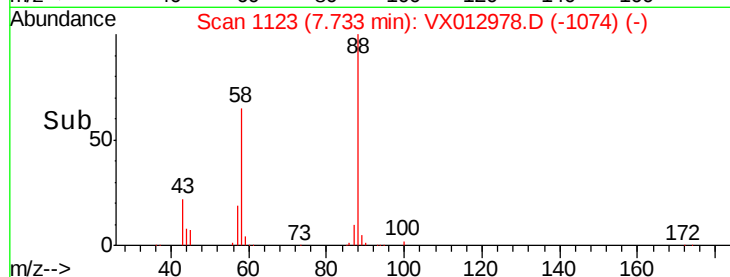
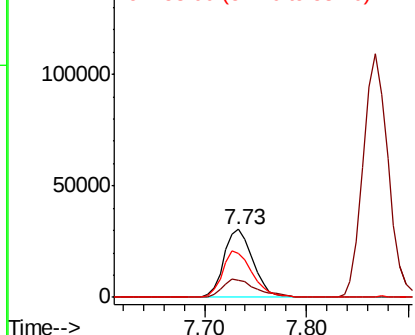
#49
1,4-Dioxane
Concen: 1058.766 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX012978.D
Acq: 10 Oct 2019 06:06

Instrument :
MSVOA_X
ClientSampleId :
FA19-MMW0010MS

Tot Ion: 88 Resp: 60297
Ion Ratio Lower Upper
88 100
43 30.9 25.0 37.6
58 70.2 55.4 83.2

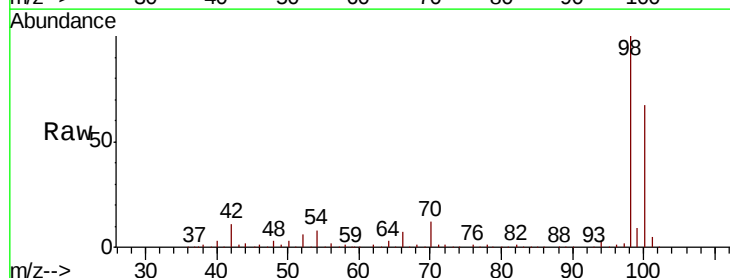


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

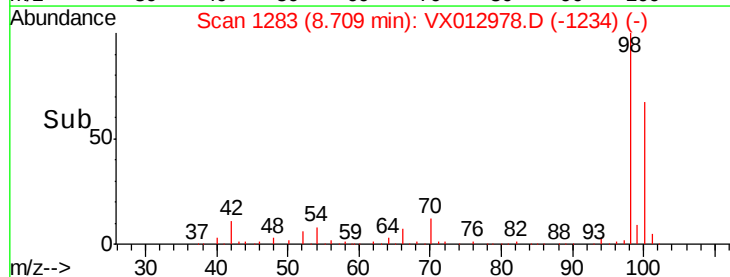
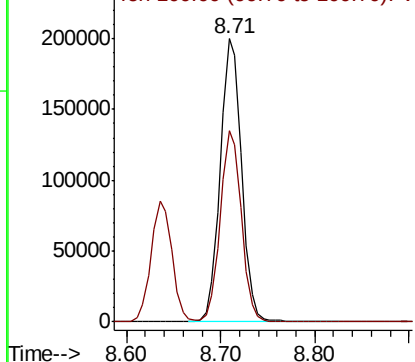


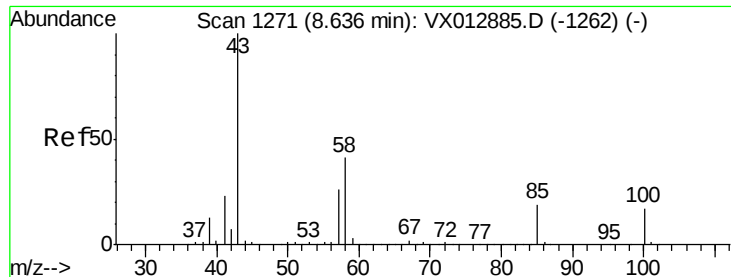
#50
Toluene-d8
Concen: 50.809 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012978.D
Acq: 10 Oct 2019 06:06

Tgt Ion: 98 Resp: 313271
Ion Ratio Lower Upper
98 100
100 67.1 53.4 80.2



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





#51

4-Methyl-2-Pentanone

Concen: 279.597 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX012978.D

Acq: 10 Oct 2019 06:06

Instrument :

MSVOA_X

ClientSampleId :

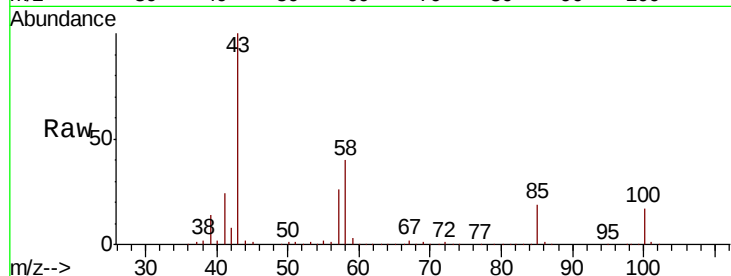
FA19-MMW0010MS

Tot Ion: 43 Resp: 757628

Ion Ratio Lower Upper

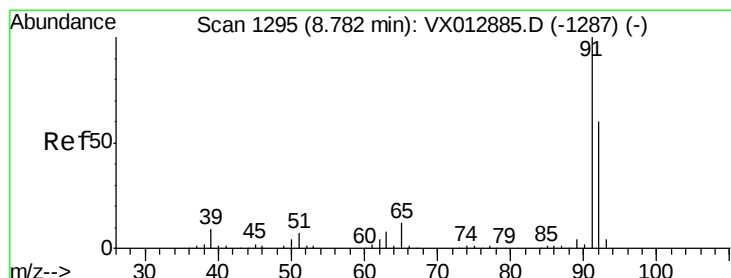
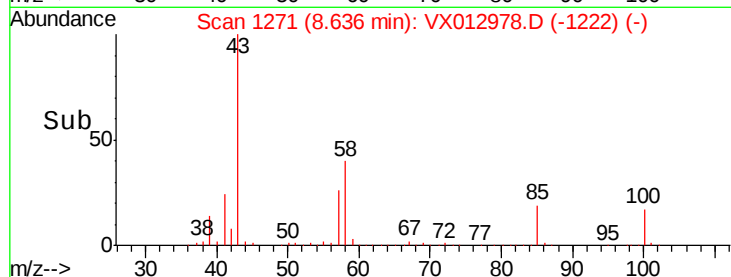
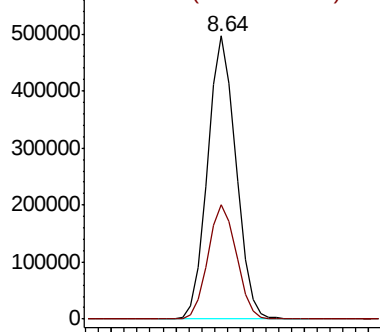
43 100

58 40.6 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: 52.186 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX012978.D

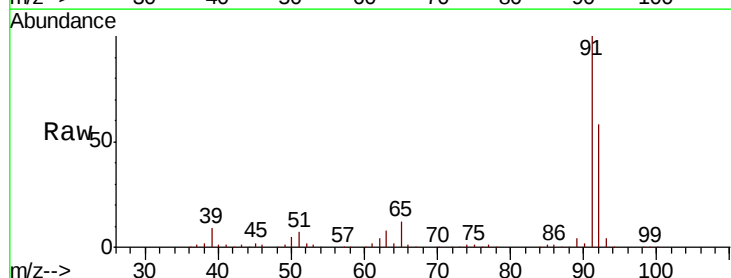
Acq: 10 Oct 2019 06:06

Tgt Ion: 92 Resp: 238785

Ion Ratio Lower Upper

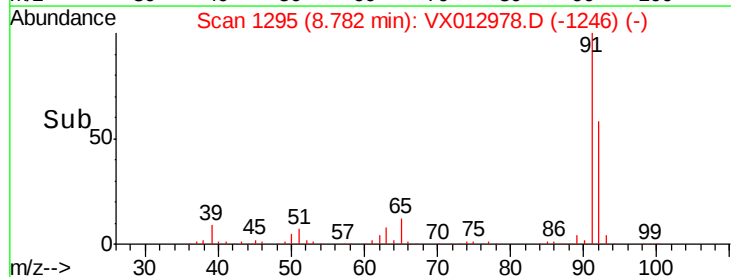
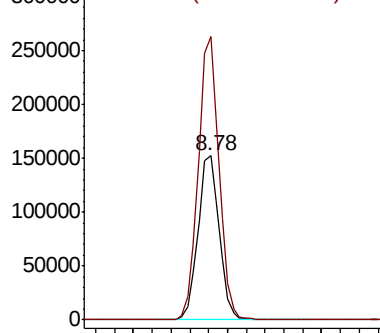
92 100

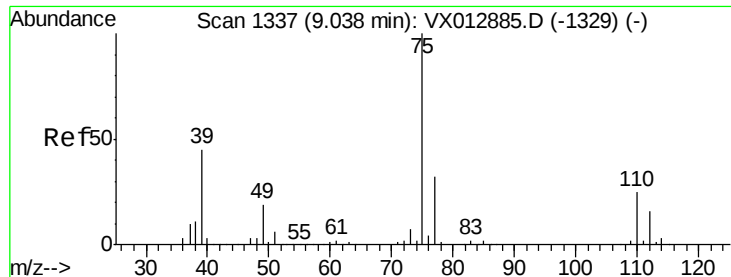
91 168.8 135.9 203.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

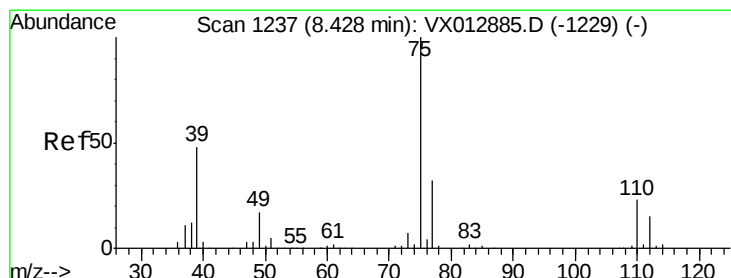
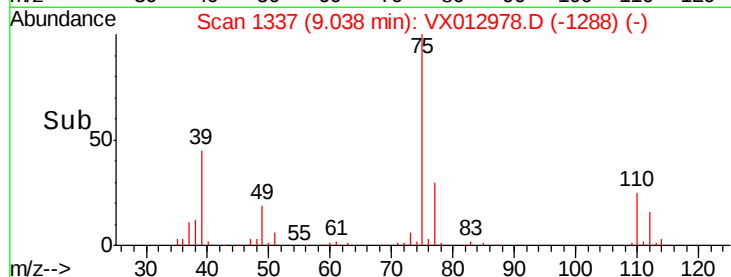
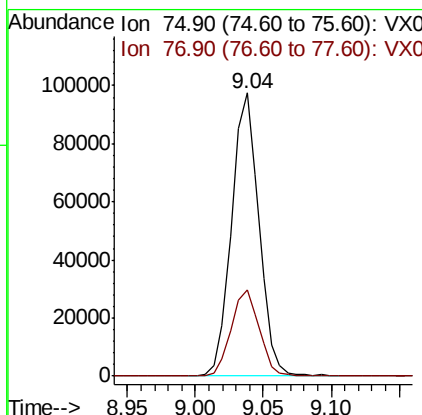
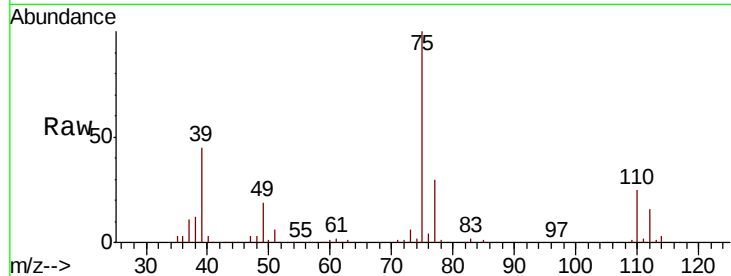




#53
t-1,3-Dichloropropene
Concen: 46.277 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX012978.D
Acq: 10 Oct 2019 06:06

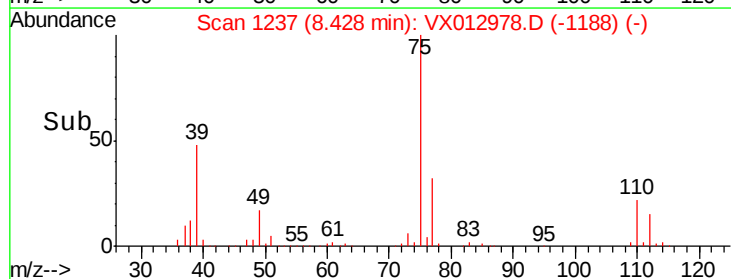
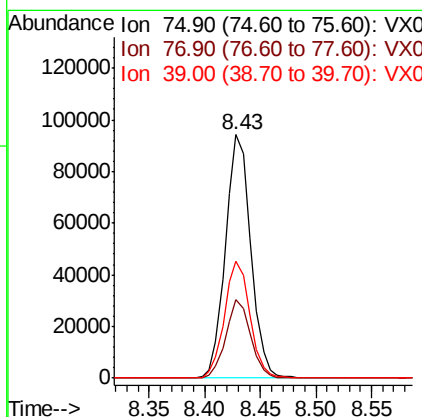
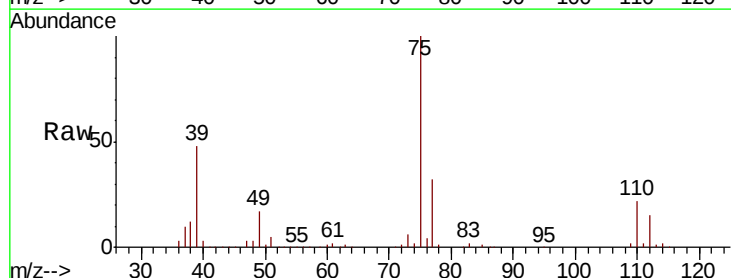
Instrument :
MSVOA_X
ClientSampleId :
FA19-MMW0010MS

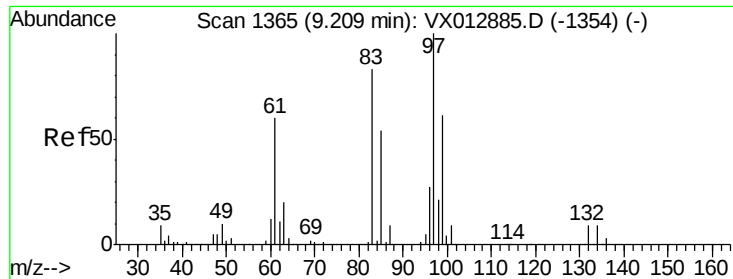
Tot Ion: 75 Resp: 136379
Ion Ratio Lower Upper
75 100
77 30.4 25.8 38.6



#54
cis-1,3-Dichloropropene
Concen: 50.938 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX012978.D
Acq: 10 Oct 2019 06:06

Tgt Ion: 75 Resp: 148485
Ion Ratio Lower Upper
75 100
77 32.3 25.8 38.8
39 47.9 38.2 57.2

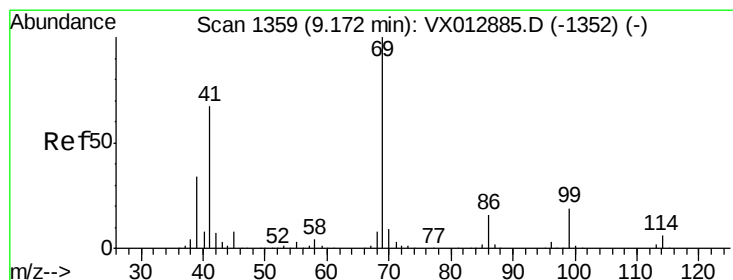
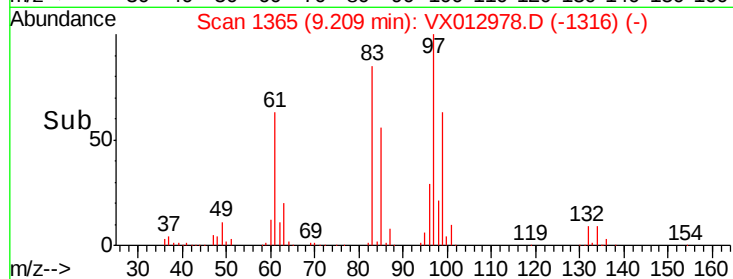
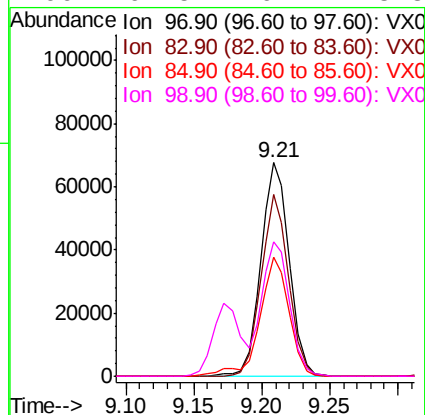
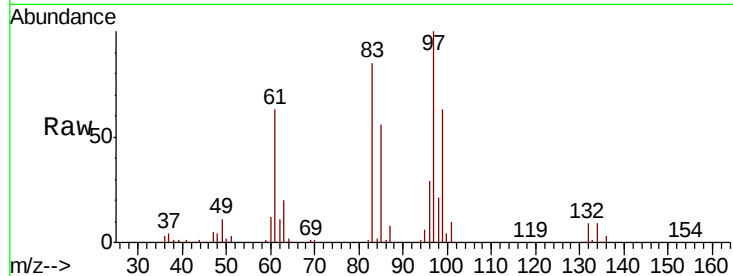




#55
 1,1,2-Trichloroethane
 Concen: 54.696 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012978.D
 Acq: 10 Oct 2019 06:06

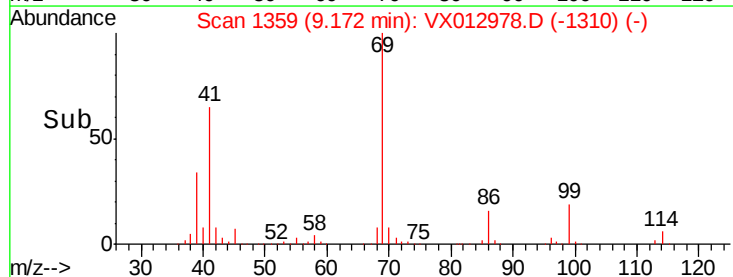
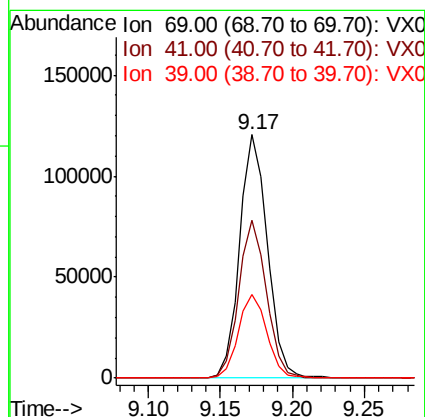
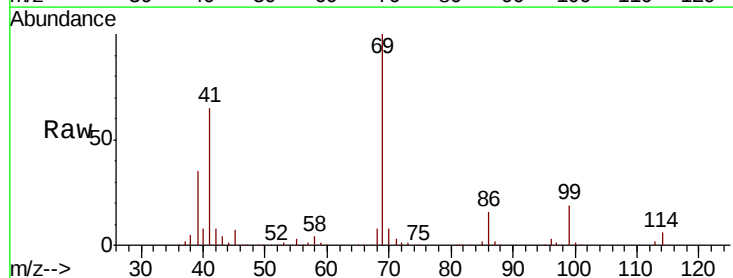
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-MMW0010MS

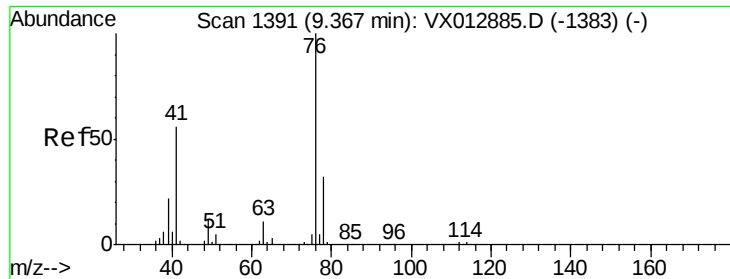
Tot Ion: 97 Resp: 99044
 Ion Ratio Lower Upper
 97 100
 83 85.2 66.5 99.7
 85 55.6 43.1 64.7
 99 62.5 49.2 73.8



#56
 Ethyl methacrylate
 Concen: 49.882 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012978.D
 Acq: 10 Oct 2019 06:06

Tgt Ion: 69 Resp: 161731
 Ion Ratio Lower Upper
 69 100
 41 65.4 52.1 78.1
 39 35.5 27.8 41.8

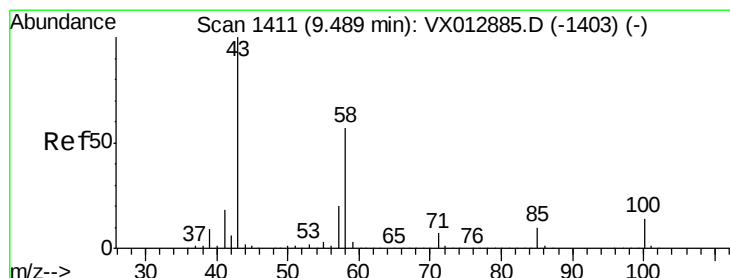
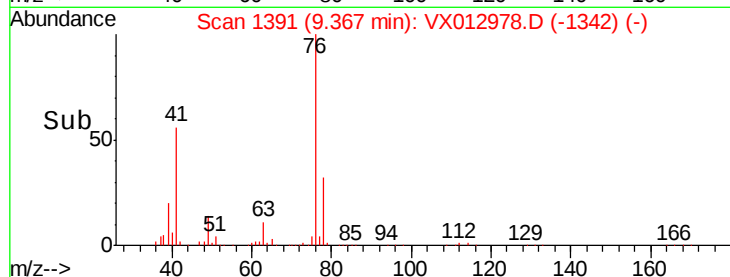
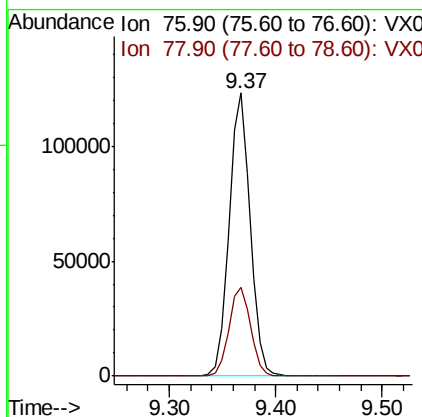
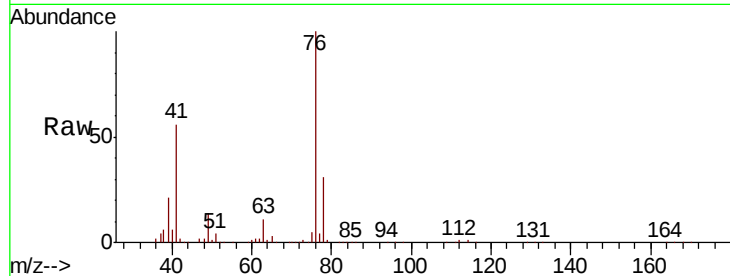




#57
 1,3-Dichloropropane
 Concen: 54.508 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX012978.D
 Acq: 10 Oct 2019 06:06

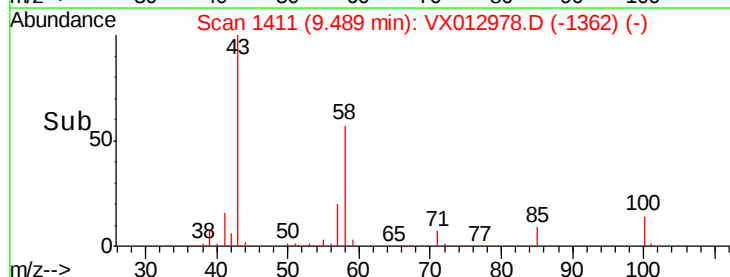
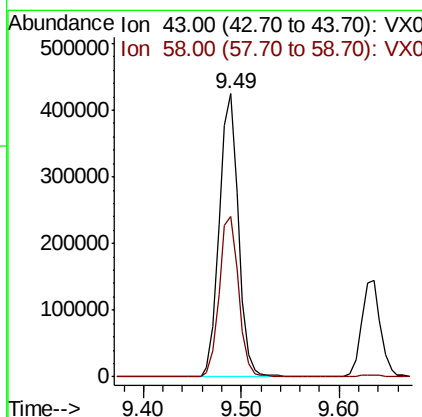
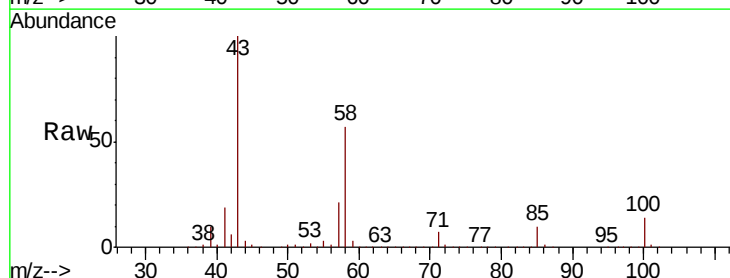
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-MMW0010MS

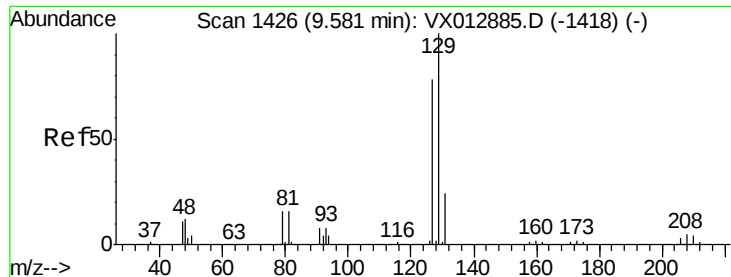
Tot Ion: 76 Resp: 170739
 Ion Ratio Lower Upper
 76 100
 78 32.6 26.1 39.1



#59
 2-Hexanone
 Concen: 273.211 ug/l
 RT: 9.49 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX012978.D
 Acq: 10 Oct 2019 06:06

Tgt Ion: 43 Resp: 576295
 Ion Ratio Lower Upper
 43 100
 58 57.4 28.1 84.3





#60

Dibromochloromethane

Concen: 49.648 ug/l

RT: 9.58 min Scan# 1426

Delta R.T. 0.00 min

Lab File: VX012978.D

Acq: 10 Oct 2019 06:06

Instrument :

MSVOA_X

ClientSampleId :

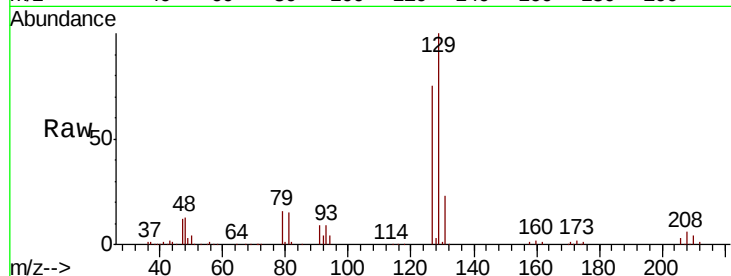
FA19-MMW0010MS

Tot Ion:129 Resp: 100019

Ion Ratio Lower Upper

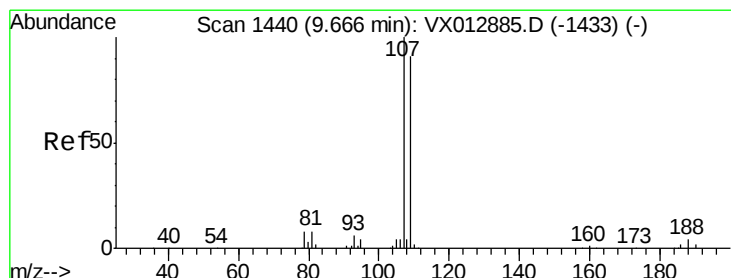
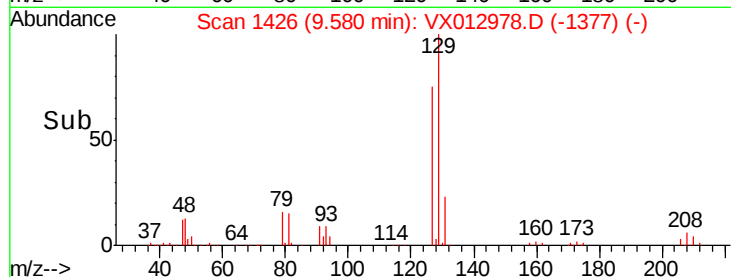
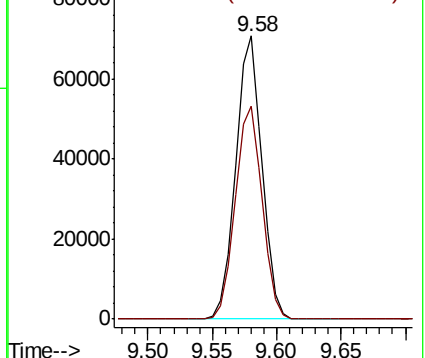
129 100

127 77.2 38.9 116.7



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 54.661 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX012978.D

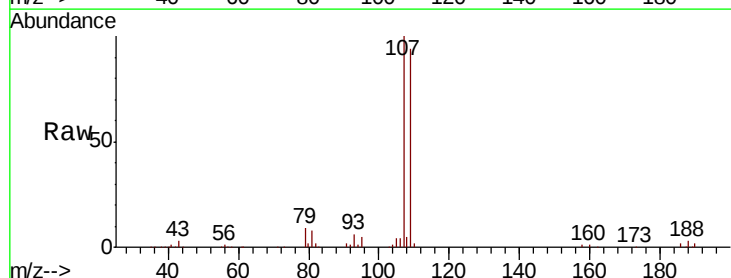
Acq: 10 Oct 2019 06:06

Tgt Ion:107 Resp: 104122

Ion Ratio Lower Upper

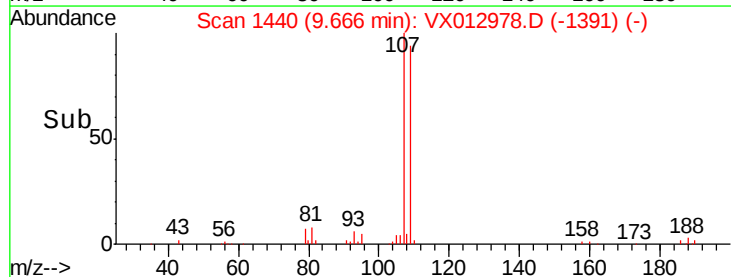
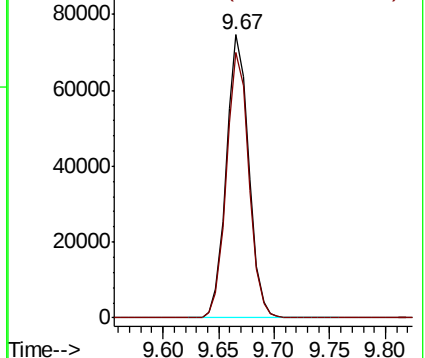
107 100

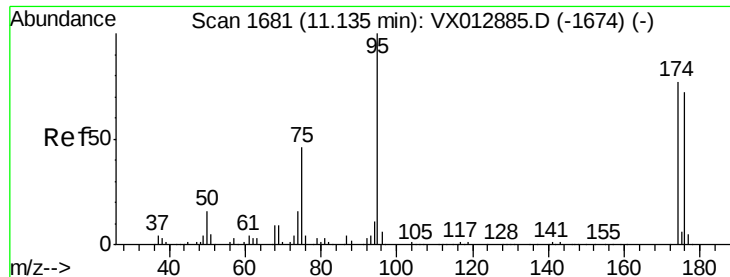
109 93.8 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 50.533 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012978.D

Acq: 10 Oct 2019 06:06

Instrument :

MSVOA_X

ClientSampleId :

FA19-MMW0010MS

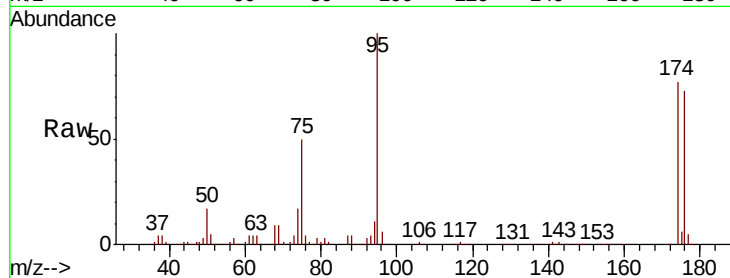
Tot Ion: 95 Resp: 121062

Ion Ratio Lower Upper

95 100

174 72.3 0.0 143.4

176 70.0 0.0 136.0



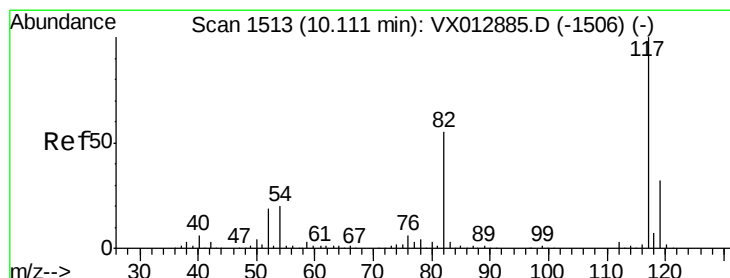
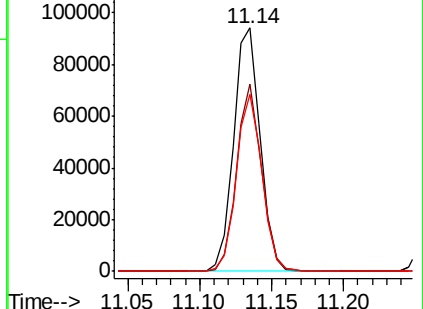
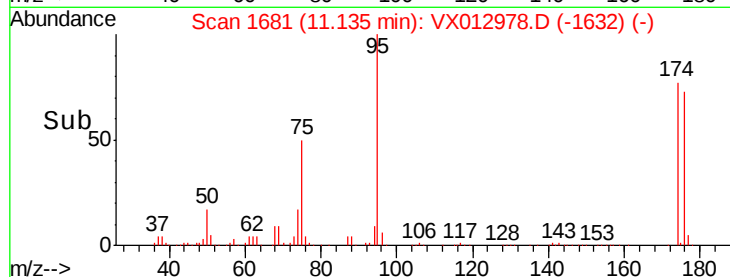
Abundance Ion 94.90 (94.60 to 95.60): VX012885.D (-1674) (-)

Ion 173.80 (173.50 to 174.50): VX012885.D (-1674) (-)

Ion 175.80 (175.50 to 176.50): VX012885.D (-1674) (-)

11.14

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX012978.D

Acq: 10 Oct 2019 06:06

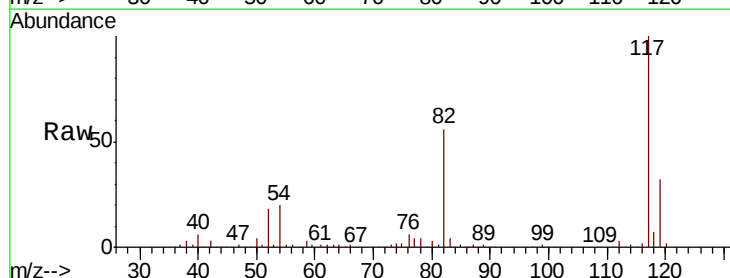
Tgt Ion: 117 Resp: 246033

Ion Ratio Lower Upper

117 100

82 55.6 44.1 66.1

119 32.0 25.8 38.8



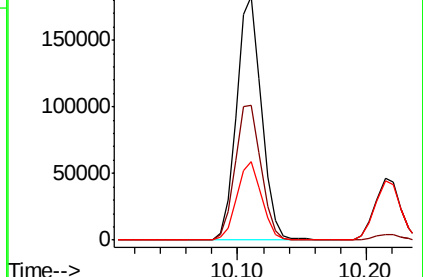
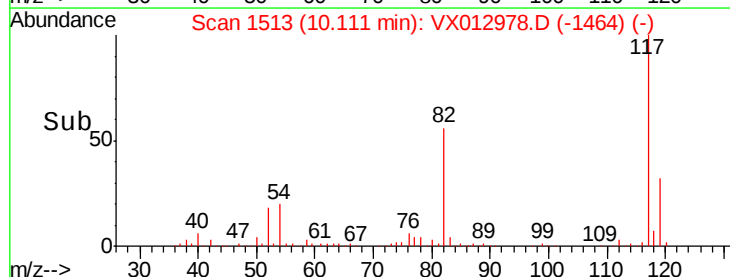
Abundance Ion 116.90 (116.60 to 117.60): VX012885.D (-1506) (-)

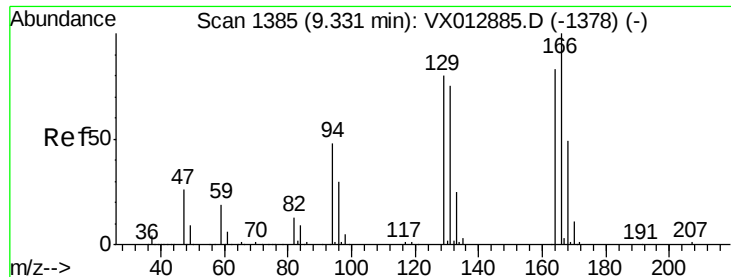
Ion 82.00 (81.70 to 82.70): VX012885.D (-1506) (-)

Ion 118.90 (118.60 to 119.60): VX012885.D (-1506) (-)

10.11

Time-->





#64

Tetrachloroethene

Concen: 54.851 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX012978.D

Acq: 10 Oct 2019 06:06

Instrument :
MSVOA_X
ClientSampleId :
FA19-MMW0010MS

Tot Ion:164 Resp: 93602

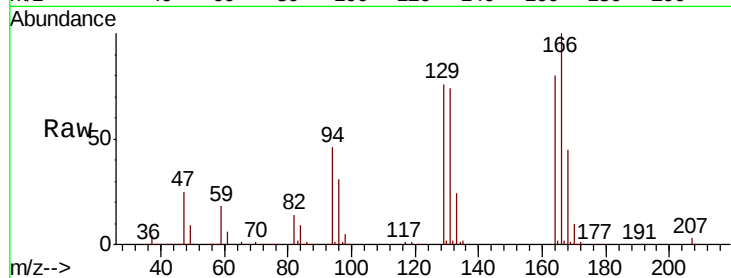
Ion Ratio Lower Upper

164 100

166 124.7 96.9 145.3

129 95.3 77.9 116.9

131 91.8 72.7 109.1

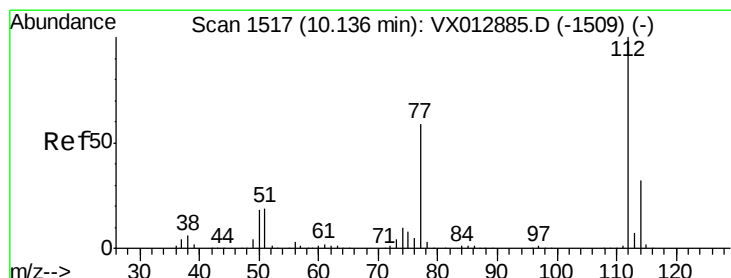
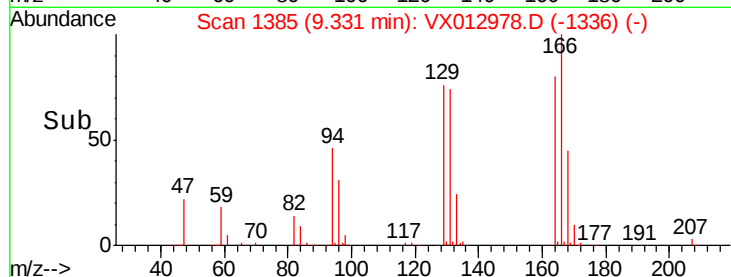
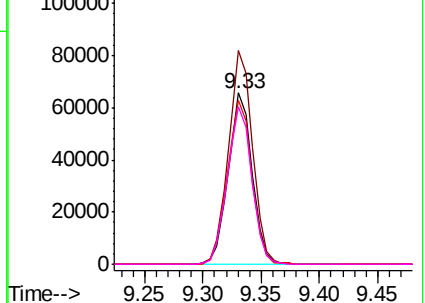


Abundance Ion 163.80 (163.50 to 164.50): V

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: 51.648 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX012978.D

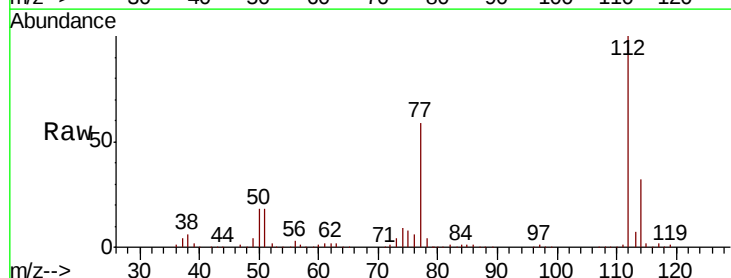
Acq: 10 Oct 2019 06:06

Tgt Ion:112 Resp: 252341

Ion Ratio Lower Upper

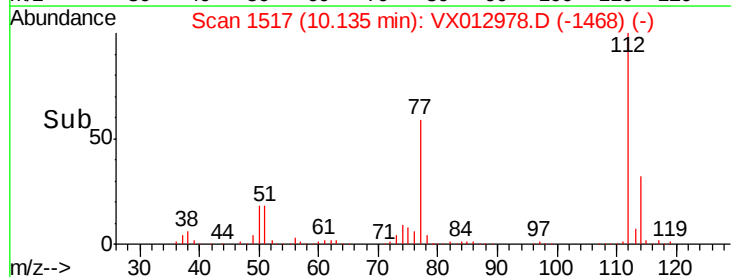
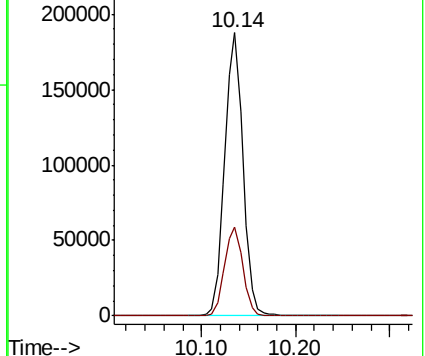
112 100

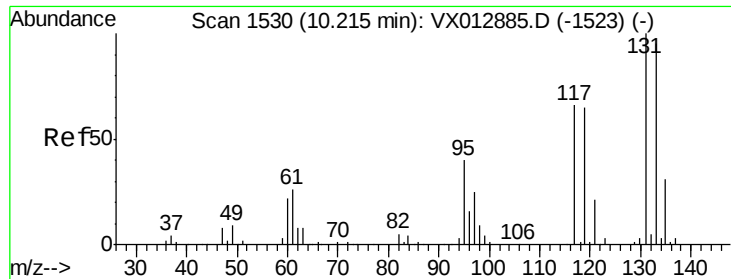
114 31.6 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

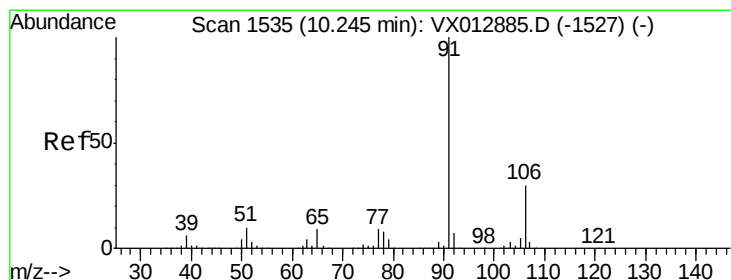
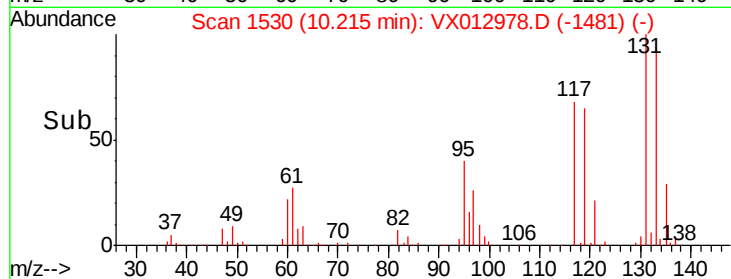
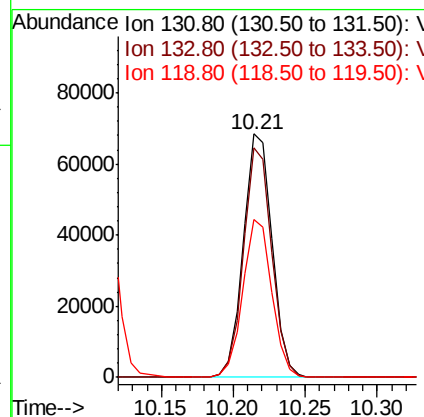
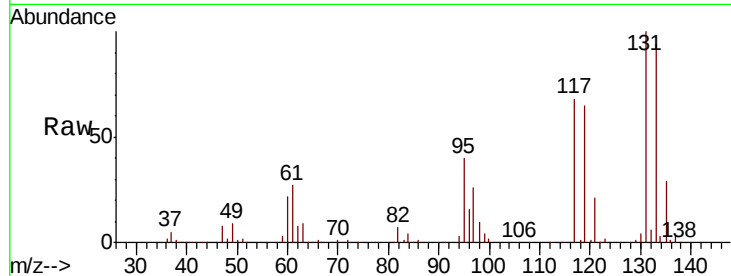




#66
 1,1,1,2-Tetrachloroethane
 Concen: 55.712 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VX012978.D
 Acq: 10 Oct 2019 06:06

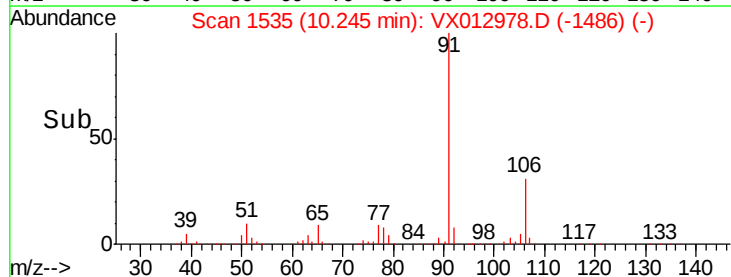
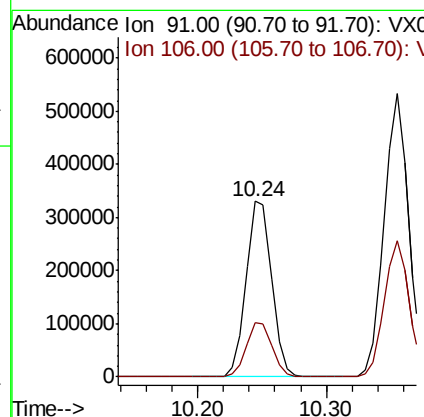
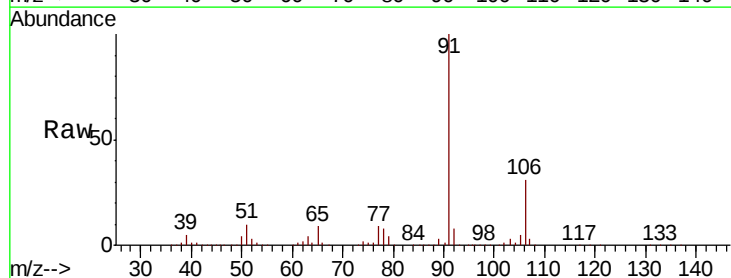
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-MMW0010MS

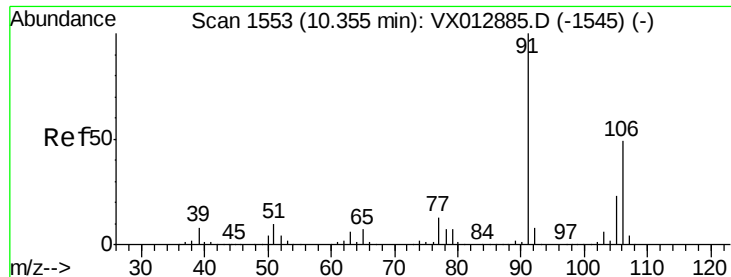
Tot Ion:131 Resp: 94378
 Ion Ratio Lower Upper
 131 100
 133 93.0 47.2 141.6
 119 65.4 32.6 98.0



#67
 Ethyl Benzene
 Concen: 52.054 ug/l
 RT: 10.24 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VX012978.D
 Acq: 10 Oct 2019 06:06

Tgt Ion: 91 Resp: 451758
 Ion Ratio Lower Upper
 91 100
 106 30.9 23.9 35.9

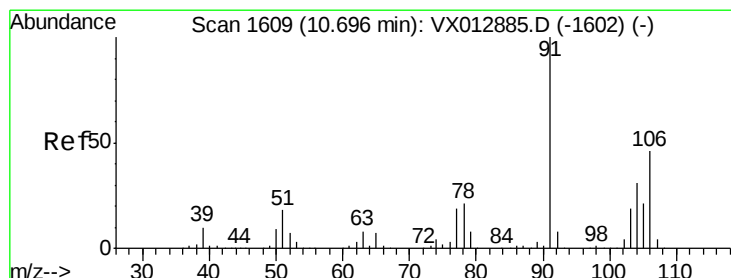
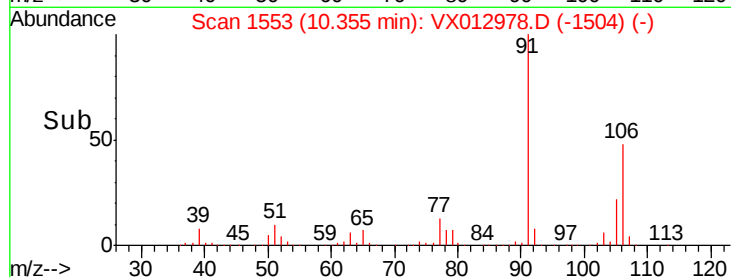
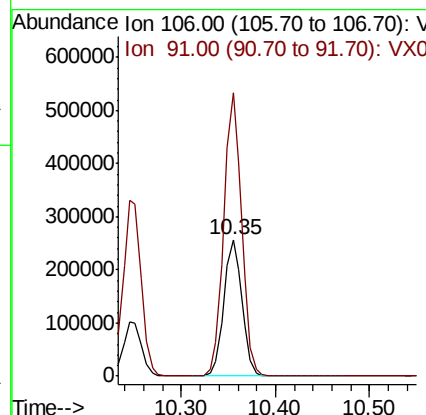
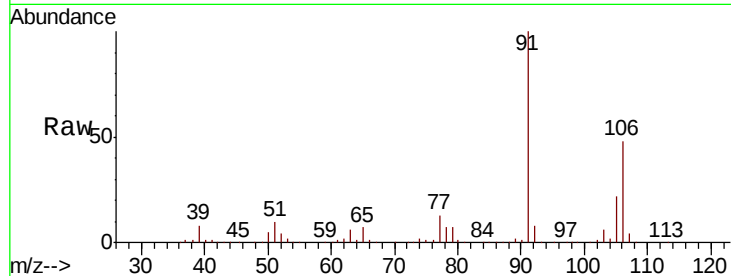




#68
m/p-Xylenes
Concen: 105.542 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012978.D
Acq: 10 Oct 2019 06:06

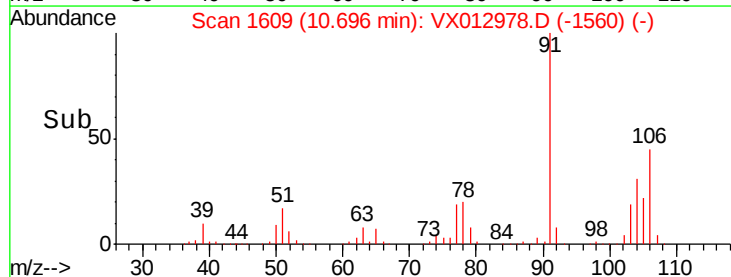
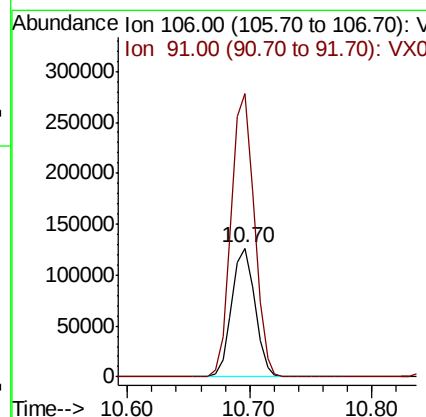
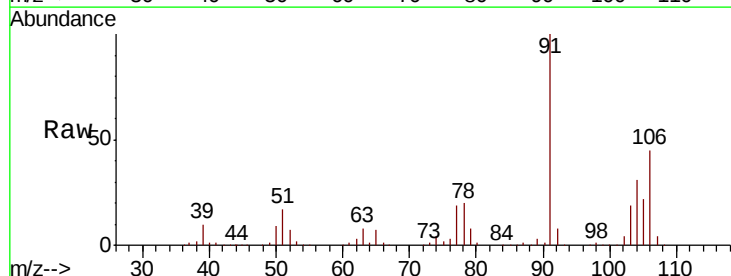
Instrument :
MSVOA_X
ClientSampleId :
FA19-MMW0010MS

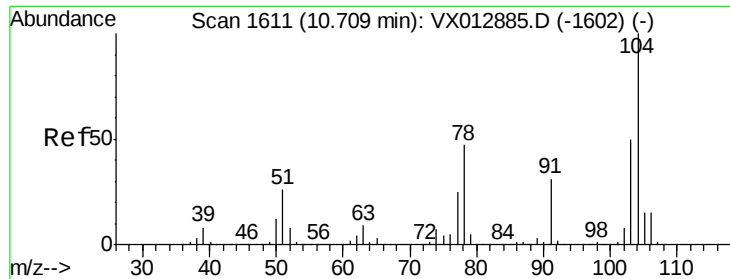
Tot Ion:106 Resp: 342187
Ion Ratio Lower Upper
106 100
91 204.7 165.3 247.9



#69
o-Xylene
Concen: 52.494 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012978.D
Acq: 10 Oct 2019 06:06

Tgt Ion:106 Resp: 165969
Ion Ratio Lower Upper
106 100
91 219.3 109.1 327.3

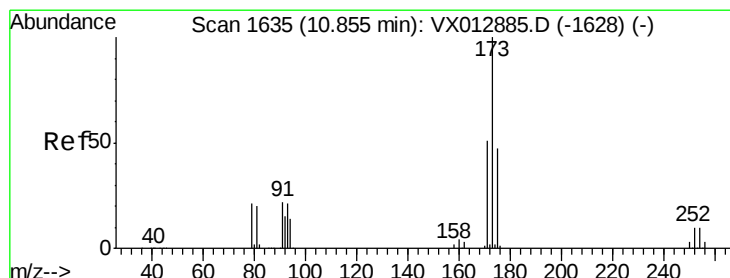
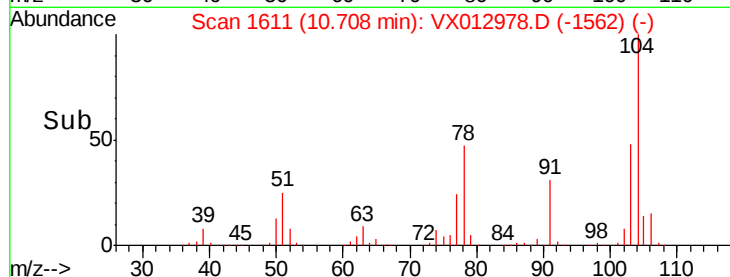
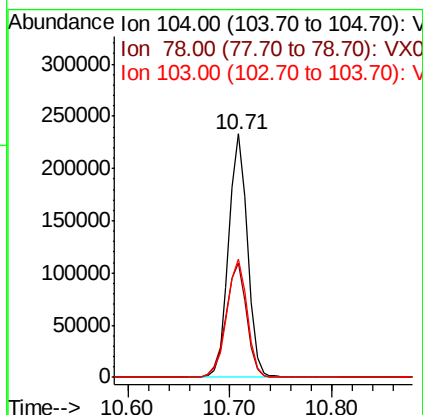
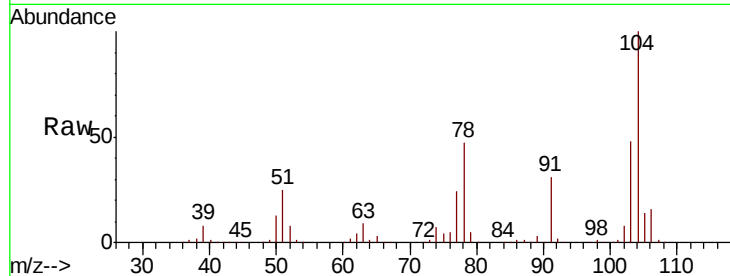




#70
Stvrene
Concen: 54.971 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012978.D
Acq: 10 Oct 2019 06:06

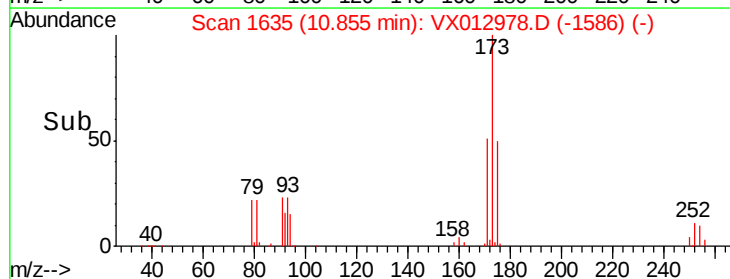
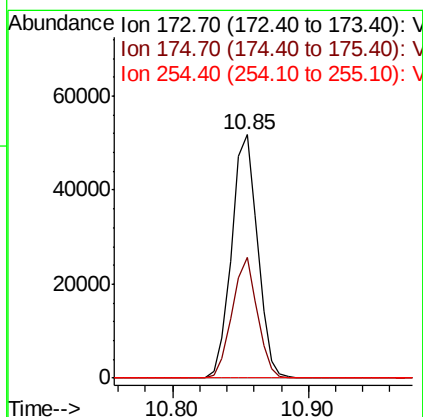
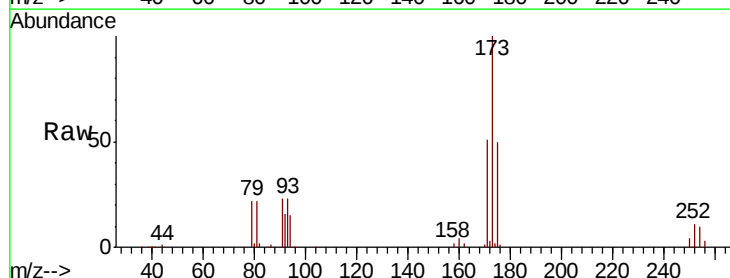
Instrument :
MSVOA_X
ClientSampleId :
FA19-MMW0010MS

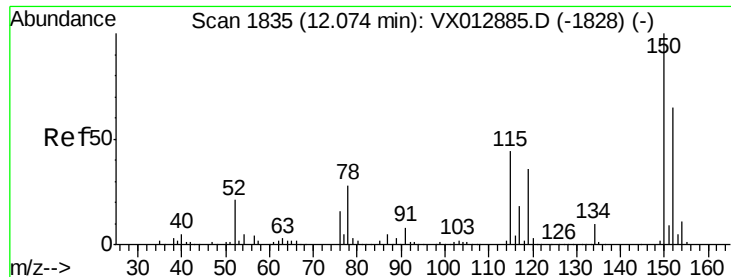
Tot Ion:104 Resp: 295466
Ion Ratio Lower Upper
104 100
78 51.8 41.2 61.8
103 53.1 43.0 64.4



#71
Bromoform
Concen: 47.837 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX012978.D
Acq: 10 Oct 2019 06:06

Tgt Ion:173 Resp: 68826
Ion Ratio Lower Upper
173 100
175 48.2 24.1 72.3
254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX012978.D

Acq: 10 Oct 2019 06:06

Instrument :

MSVOA_X

ClientSampleId :

FA19-MMW0010MS

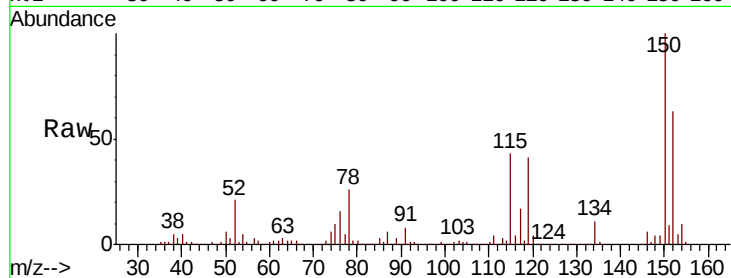
Tot Ion:152 Resp: 114718

Ion Ratio Lower Upper

152 100

115 86.2 44.5 133.5

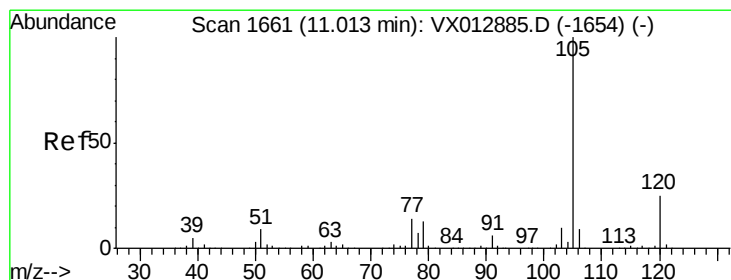
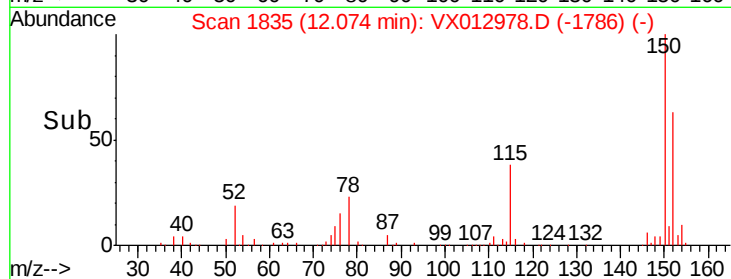
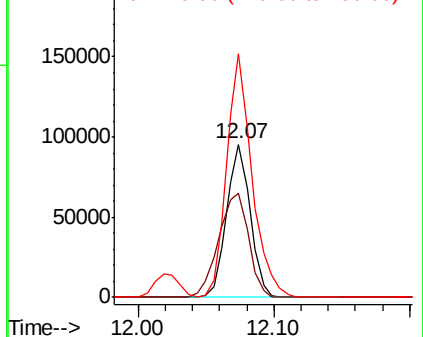
150 170.7 0.0 353.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 51.762 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012978.D

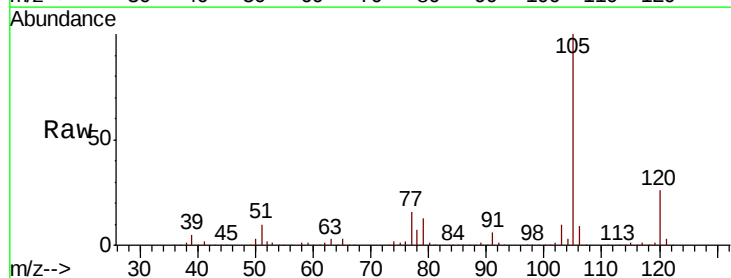
Acq: 10 Oct 2019 06:06

Tgt Ion:105 Resp: 436580

Ion Ratio Lower Upper

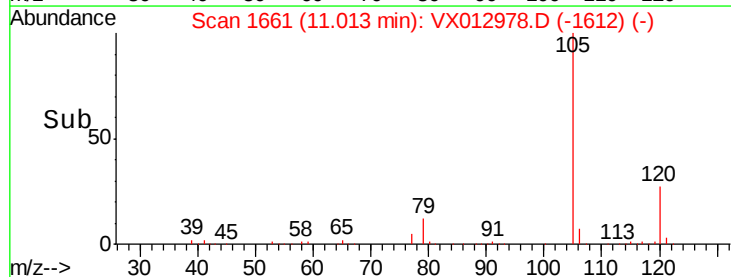
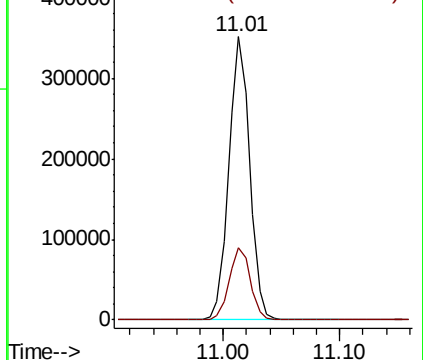
105 100

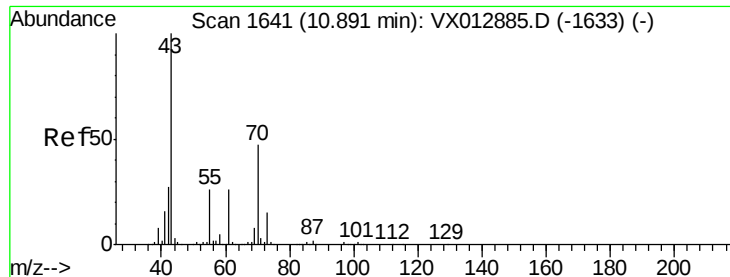
120 25.9 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 52.533 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX012978.D

Acq: 10 Oct 2019 06:06

Instrument :

MSVOA_X

ClientSampleId :

FA19-MMW0010MS

Tot Ion: 43 Resp: 190825

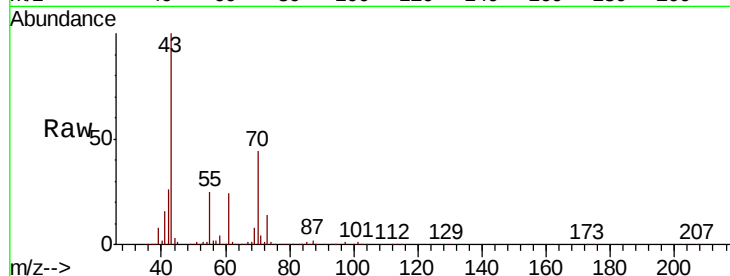
Ion Ratio Lower Upper

43 100

70 44.7 36.4 54.6

55 24.9 20.2 30.2

61 24.5 20.5 30.7

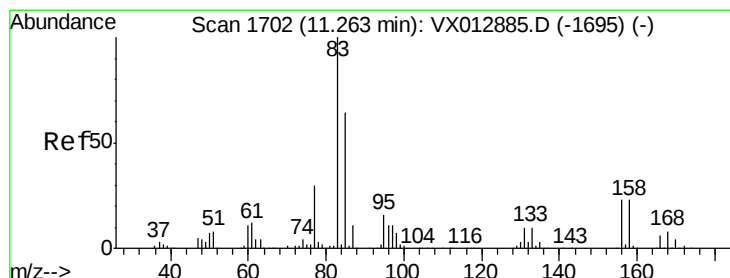
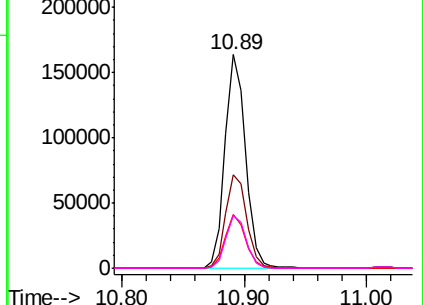
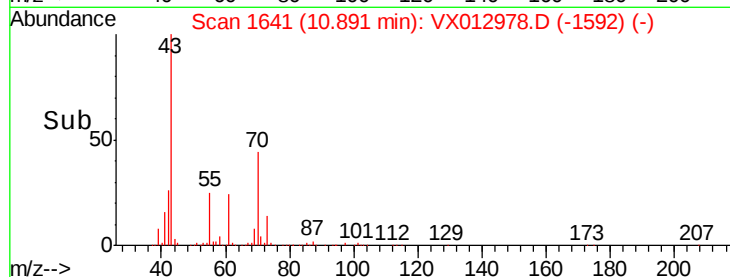


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 54.759 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012978.D

Acq: 10 Oct 2019 06:06

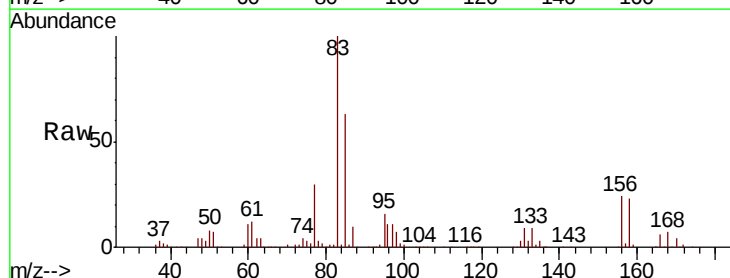
Tgt Ion: 83 Resp: 153613

Ion Ratio Lower Upper

83 100

131 9.9 5.1 15.3

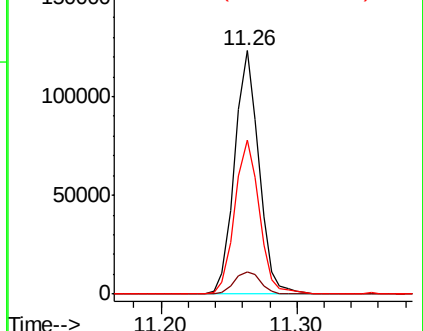
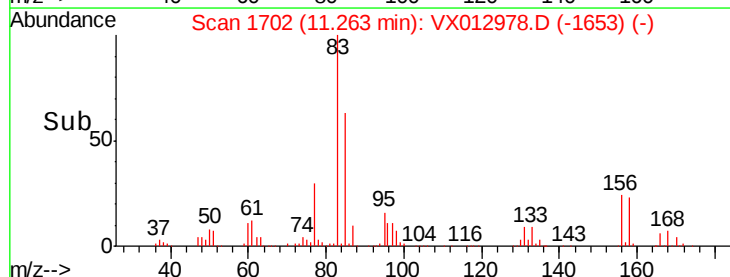
85 64.3 32.1 96.5

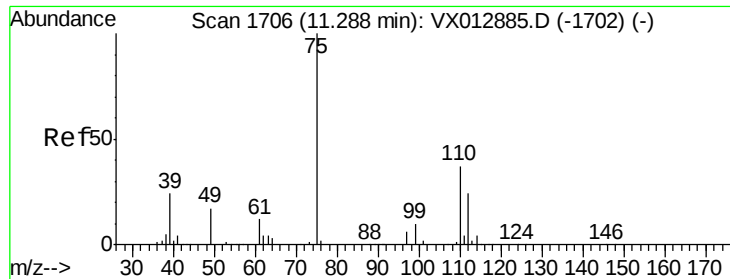


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



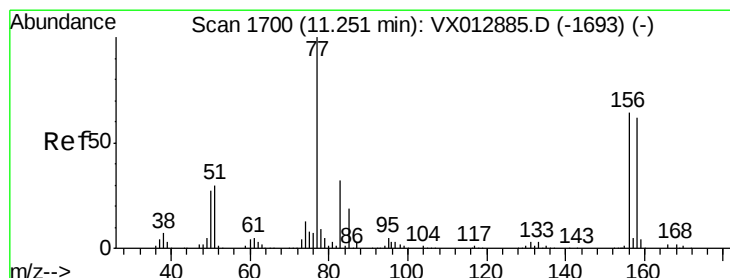
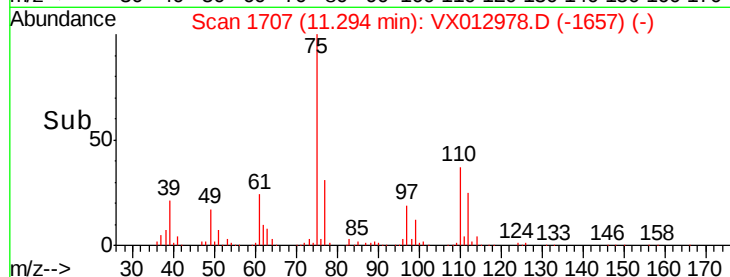
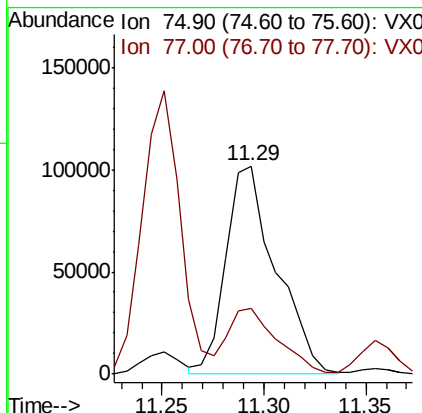
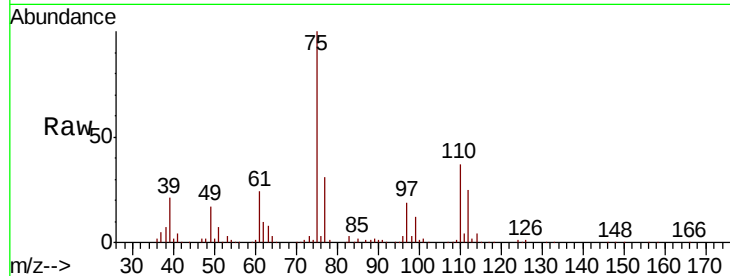


#76

1,2,3-Trichloropropane
Concen: 67.854 ug/l
RT: 11.29 min Scan# 1707
Delta R.T. 0.01 min
Lab File: VX012978.D
Acq: 10 Oct 2019 06:06

Instrument :
MSVOA_X
ClientSampleId :
FA19-MMW0010MS

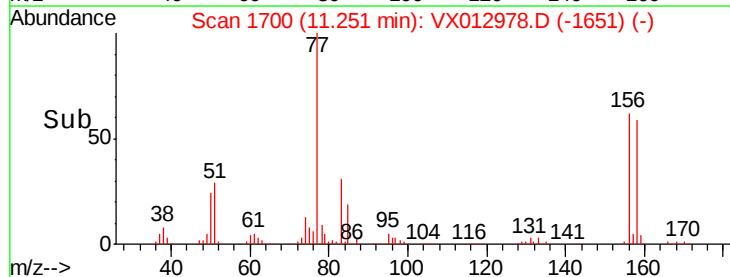
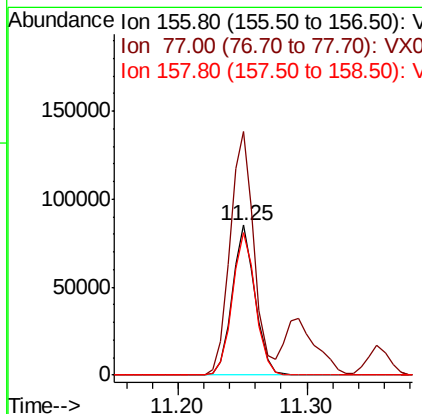
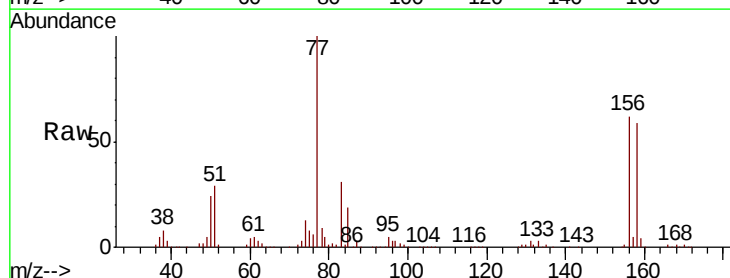
Tot Ion: 75 Resp: 172651
Ion Ratio Lower Upper
75 100
77 31.0 22.9 68.8

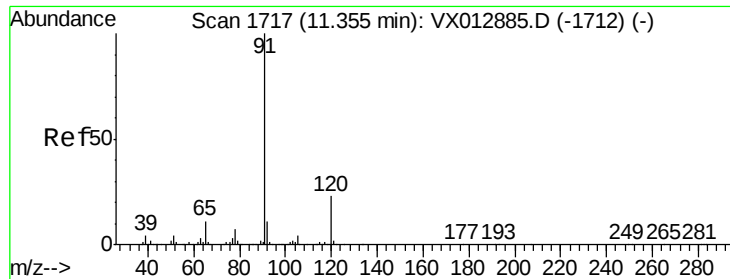


#77

Bromobenzene
Concen: 52.937 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. -0.00 min
Lab File: VX012978.D
Acq: 10 Oct 2019 06:06

Tgt Ion: 156 Resp: 105213
Ion Ratio Lower Upper
156 100
77 171.5 83.7 251.0
158 96.7 48.6 145.9





#78

n-propylbenzene

Concen: 51.791 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012978.D

Acq: 10 Oct 2019 06:06

Instrument :

MSVOA_X

ClientSampleId :

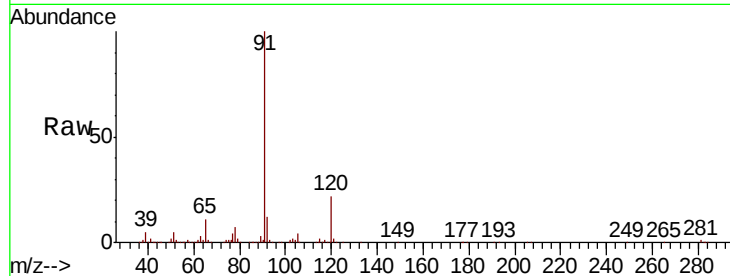
FA19-MMW0010MS

Tot Ion: 91 Resp: 480667

Ion Ratio Lower Upper

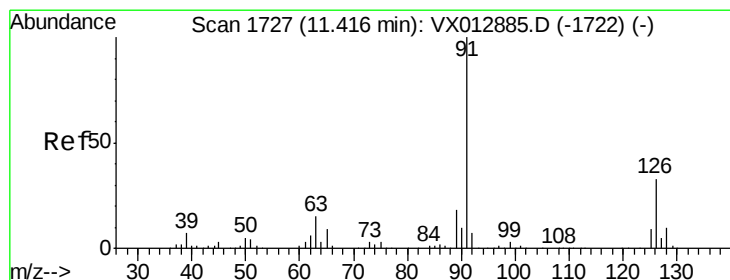
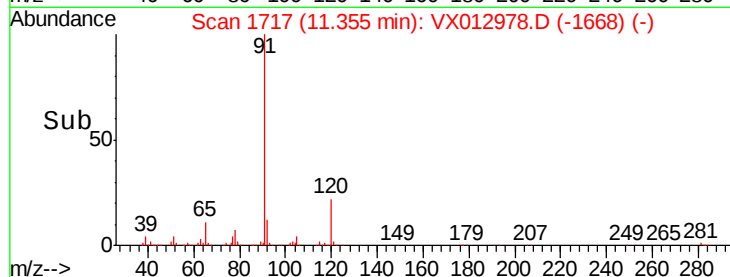
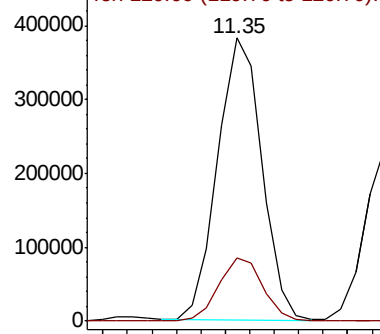
91 100

120 22.5 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: 51.382 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX012978.D

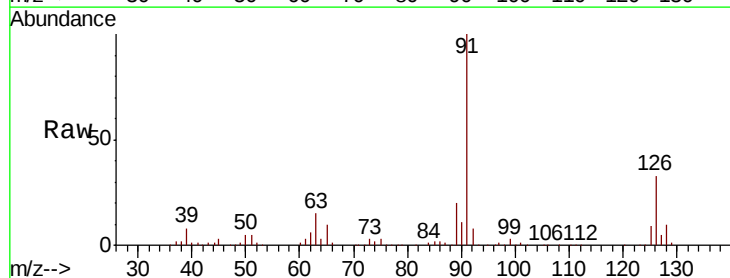
Acq: 10 Oct 2019 06:06

Tgt Ion: 91 Resp: 299698

Ion Ratio Lower Upper

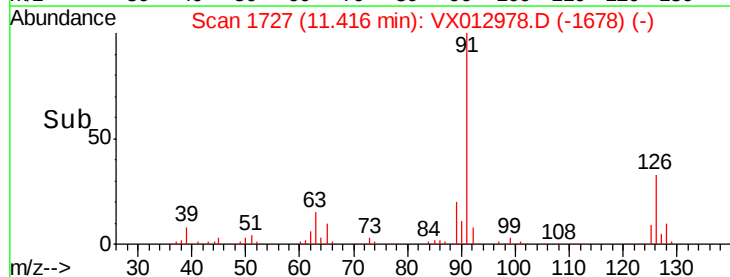
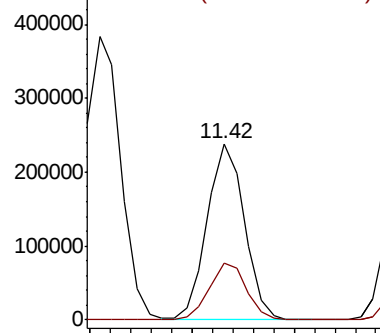
91 100

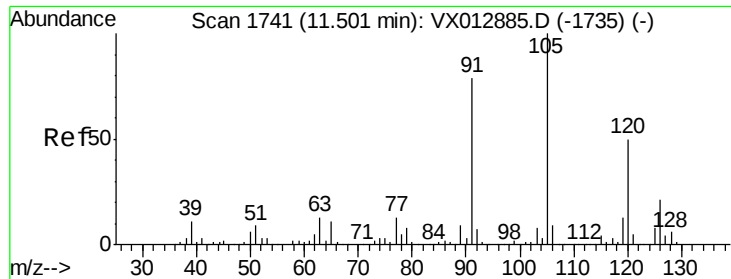
126 32.4 16.3 48.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

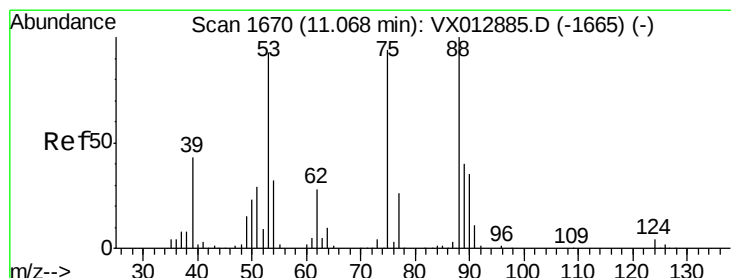
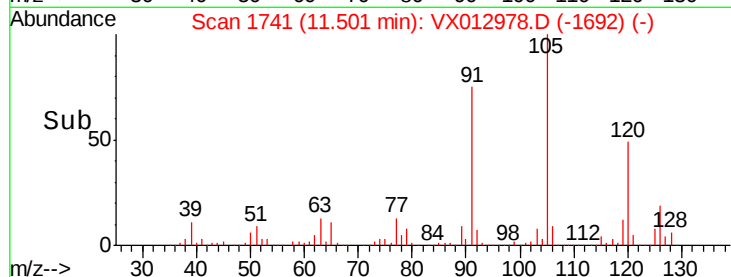
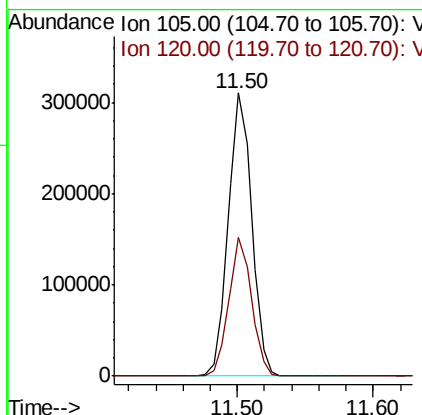
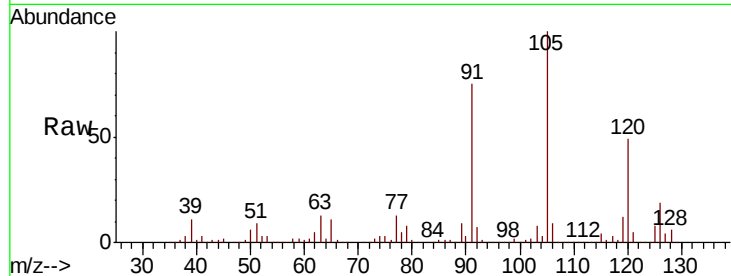




#80
 1,3,5-Trimethylbenzene
 Concen: 52.787 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX012978.D
 Acq: 10 Oct 2019 06:06

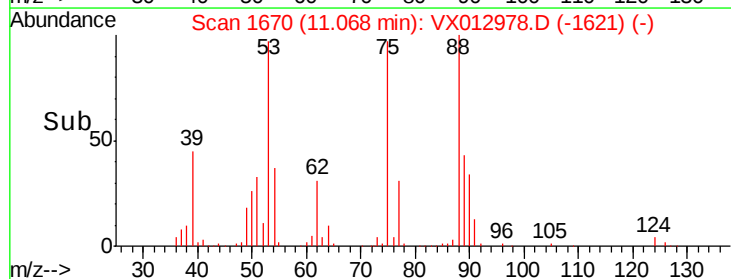
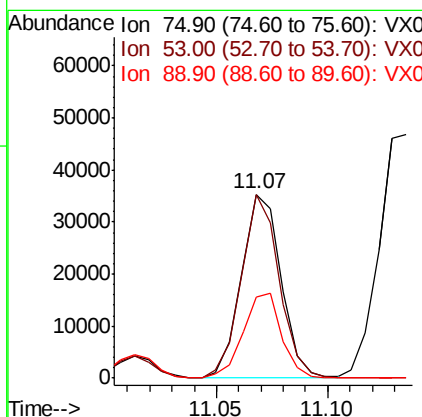
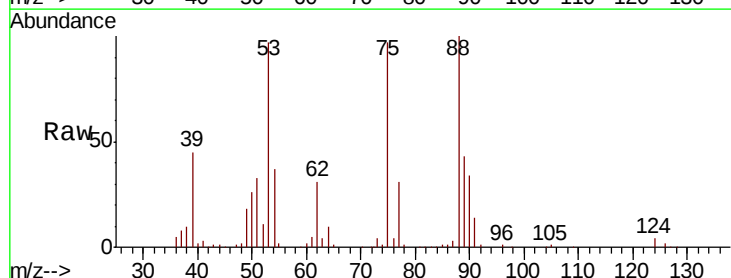
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-MMW0010MS

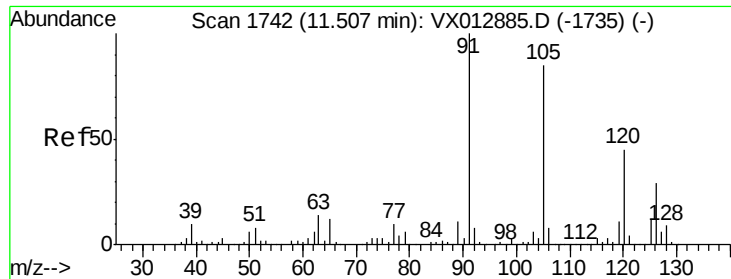
Tot Ion:105 Resp: 371759
 Ion Ratio Lower Upper
 105 100
 120 47.7 24.8 74.3



#81
 trans-1,4-Dichloro-2-butene
 Concen: 44.749 ug/l
 RT: 11.07 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: VX012978.D
 Acq: 10 Oct 2019 06:06

Tgt Ion: 75 Resp: 43816
 Ion Ratio Lower Upper
 75 100
 53 96.7 78.5 117.7
 89 45.2 37.4 56.2

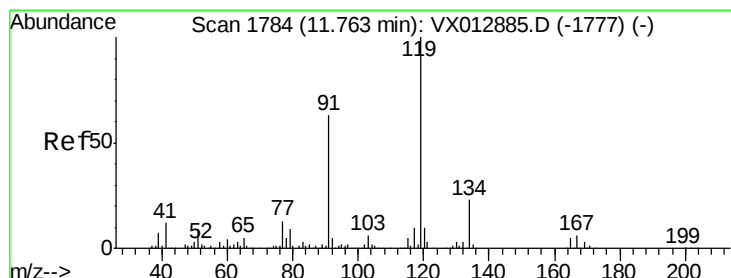
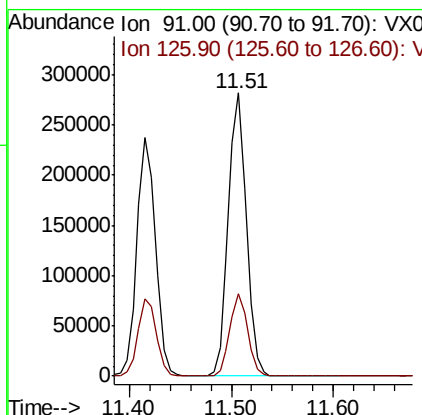
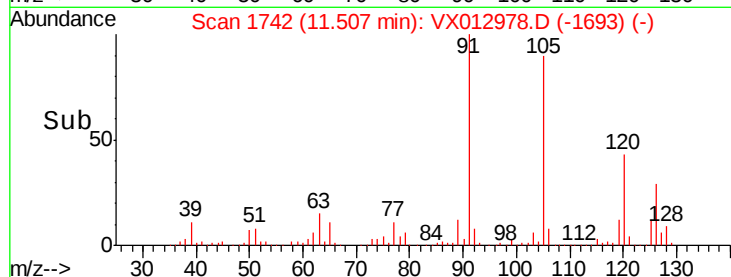
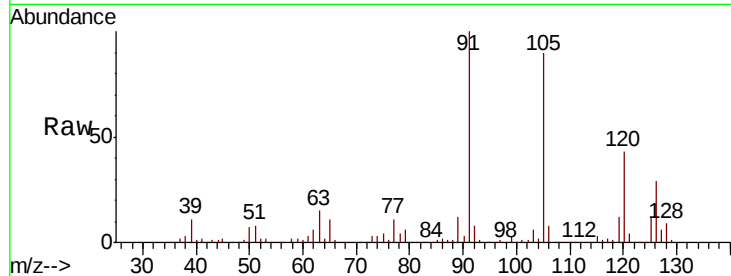




#82
4-Chlorotoluene
Concen: 51.746 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX012978.D
Acq: 10 Oct 2019 06:06

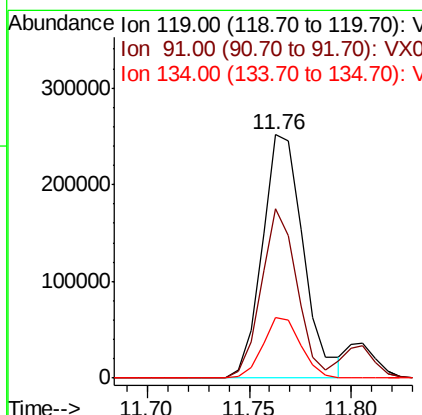
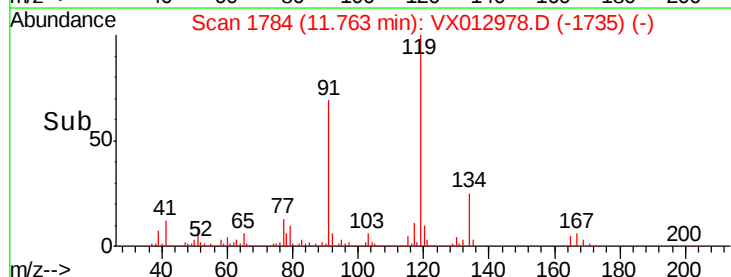
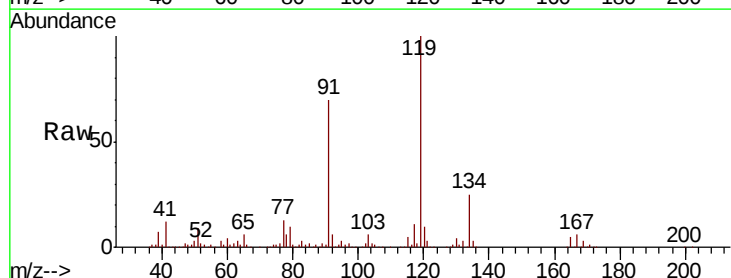
Instrument :
MSVOA_X
ClientSampleId :
FA19-MMW0010MS

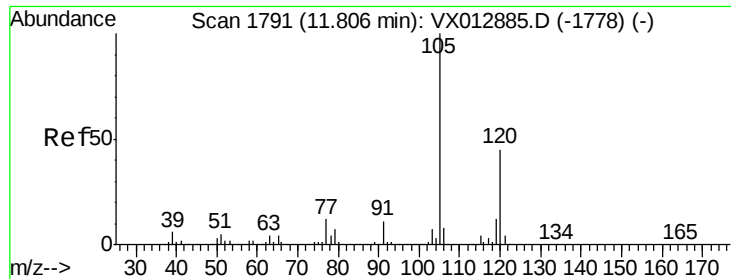
Tot Ion: 91 Resp: 345944
Ion Ratio Lower Upper
91 100
126 28.6 14.2 42.6



#83
tert-Butylbenzene
Concen: 51.362 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX012978.D
Acq: 10 Oct 2019 06:06

Tgt Ion: 119 Resp: 352860
Ion Ratio Lower Upper
119 100
91 60.5 29.3 87.9
134 23.1 11.5 34.4

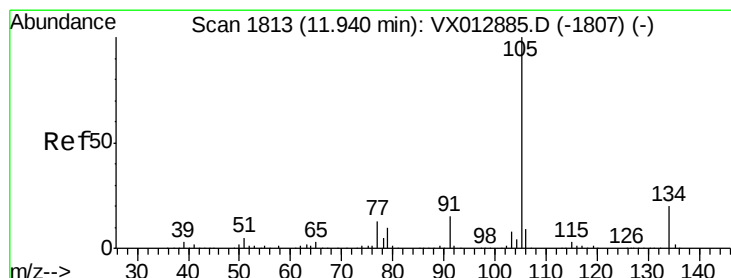
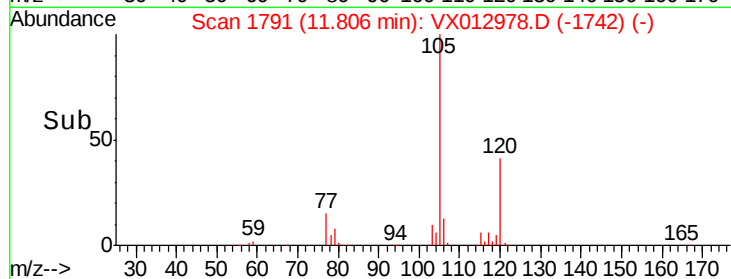
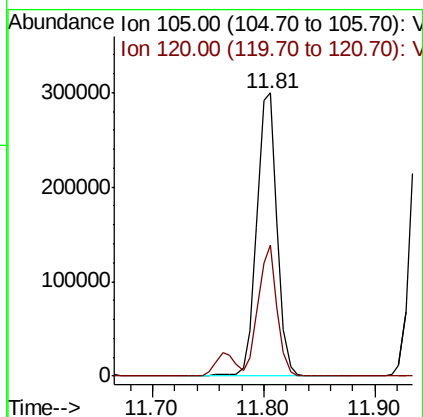
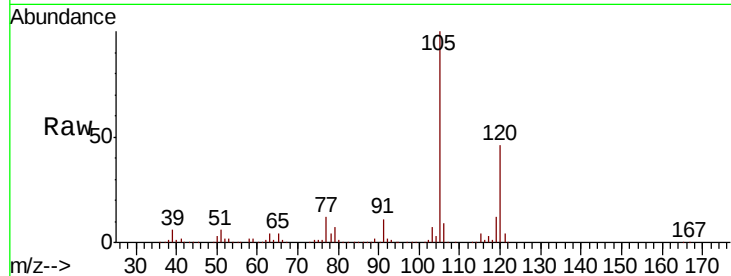




#84
 1,2,4-Trimethylbenzene
 Concen: 53.172 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX012978.D
 Acq: 10 Oct 2019 06:06

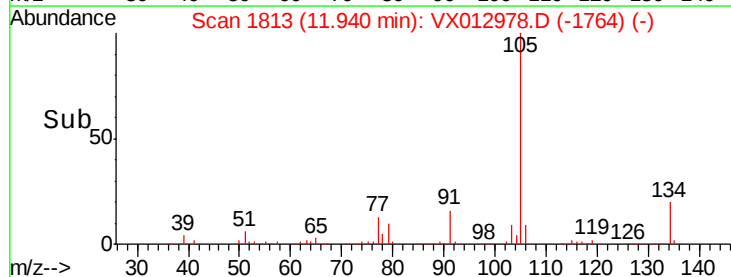
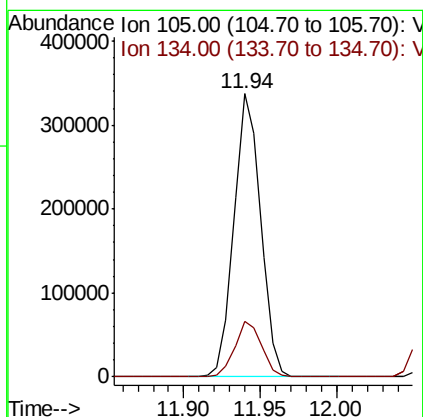
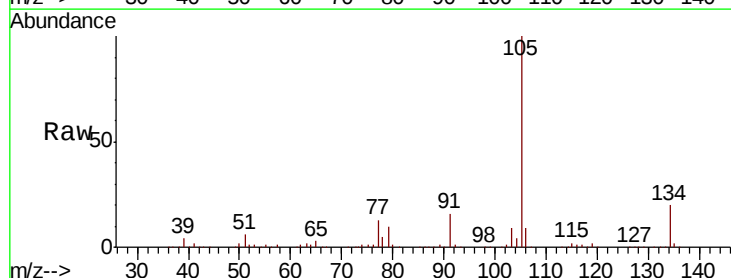
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-MMW0010MS

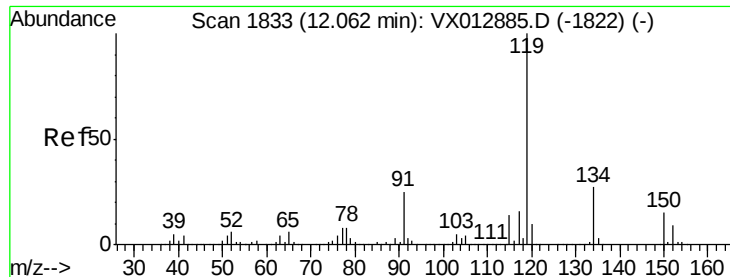
Tot Ion:105 Resp: 379253
 Ion Ratio Lower Upper
 105 100
 120 43.0 21.8 65.3



#85
 sec-Butylbenzene
 Concen: 51.291 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX012978.D
 Acq: 10 Oct 2019 06:06

Tgt Ion:105 Resp: 408240
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.0 30.0

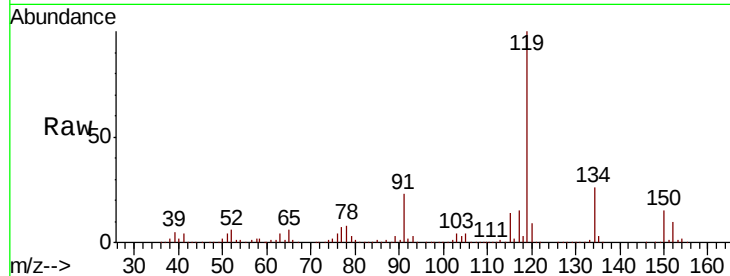




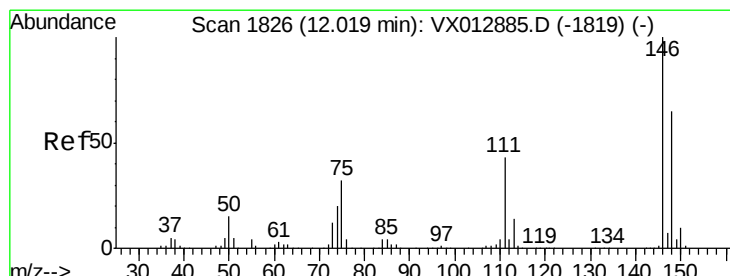
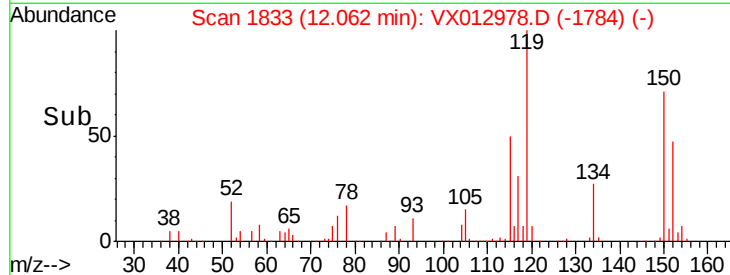
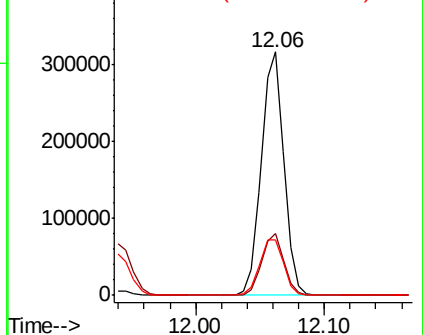
#86
 p-Isopropyltoluene
 Concen: 51.476 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX012978.D
 Acq: 10 Oct 2019 06:06

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-MMW0010MS

Tot Ion:119 Resp: 379984
 Ion Ratio Lower Upper
 119 100
 134 25.0 12.6 37.8
 91 24.6 12.4 37.4

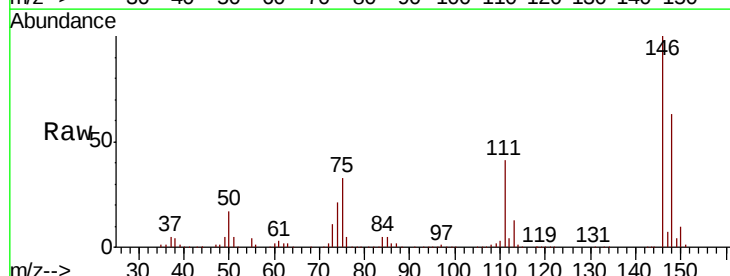


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

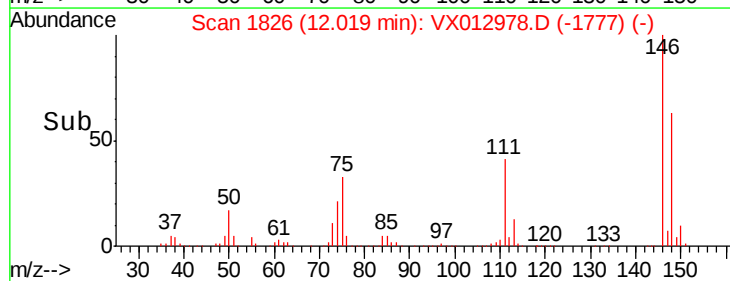
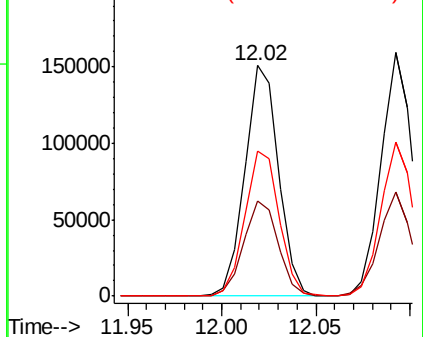


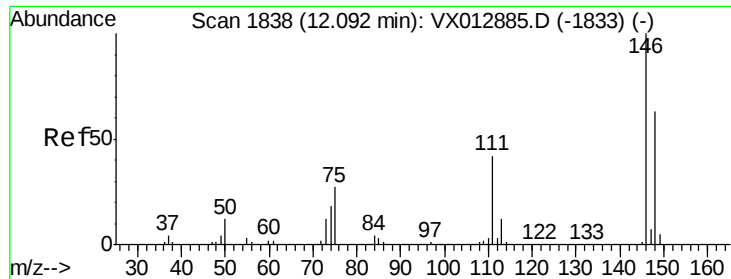
#87
 1,3-Dichlorobenzene
 Concen: 50.618 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX012978.D
 Acq: 10 Oct 2019 06:06

Tgt Ion:146 Resp: 186824
 Ion Ratio Lower Upper
 146 100
 111 42.4 21.1 63.4
 148 64.1 31.6 95.0



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

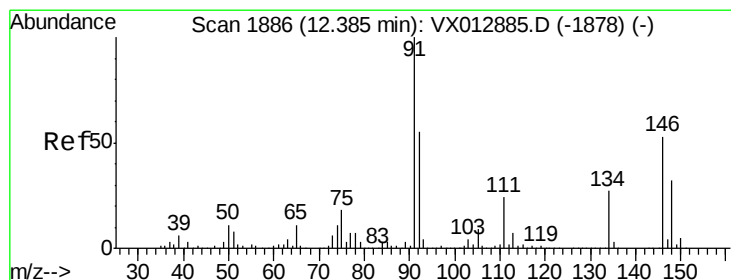
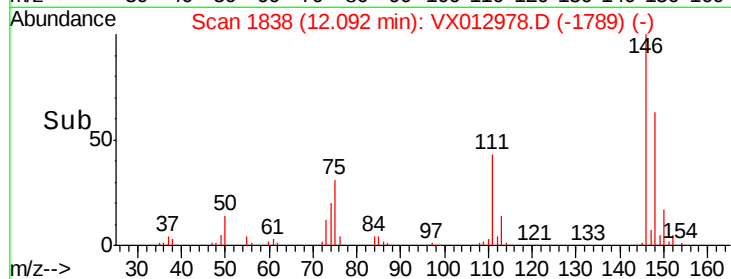
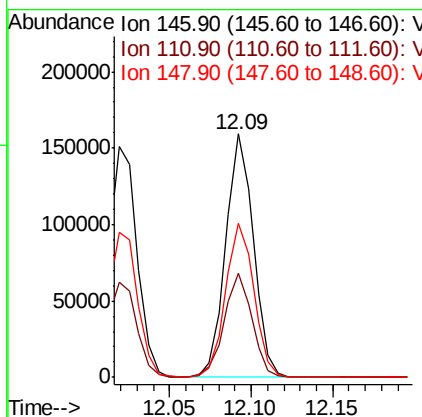
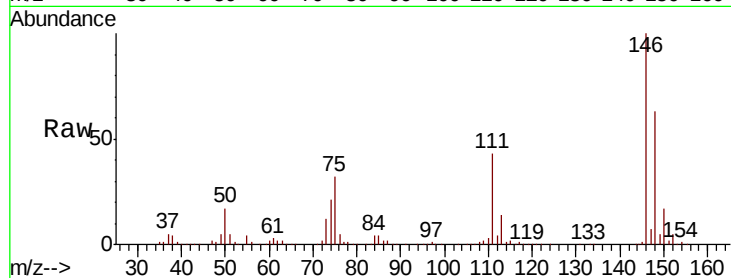




#88
 1,4-Dichlorobenzene
 Concen: 50.276 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX012978.D
 Acq: 10 Oct 2019 06:06

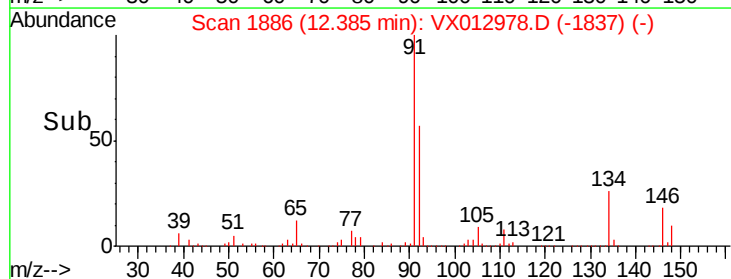
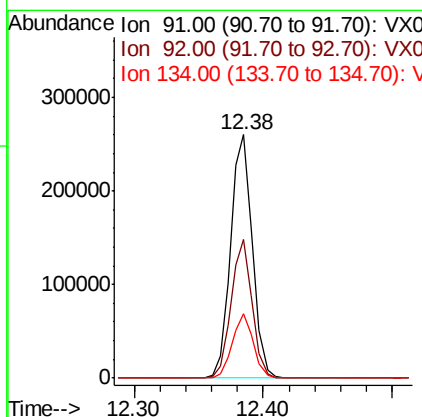
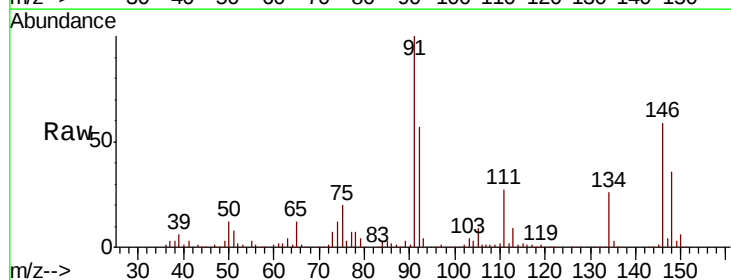
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-MMW0010MS

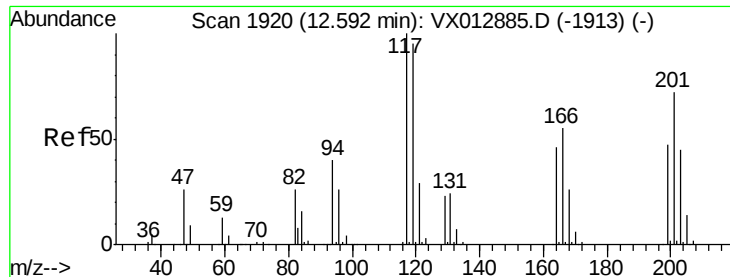
Tot Ion:146 Resp: 187930
 Ion Ratio Lower Upper
 146 100
 111 43.2 21.4 64.3
 148 64.9 32.1 96.5



#89
 n-Butylbenzene
 Concen: 49.546 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012978.D
 Acq: 10 Oct 2019 06:06

Tgt Ion: 91 Resp: 307387
 Ion Ratio Lower Upper
 91 100
 92 54.9 27.5 82.5
 134 25.5 12.9 38.7

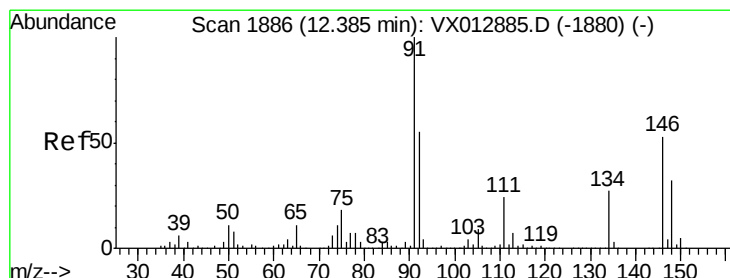
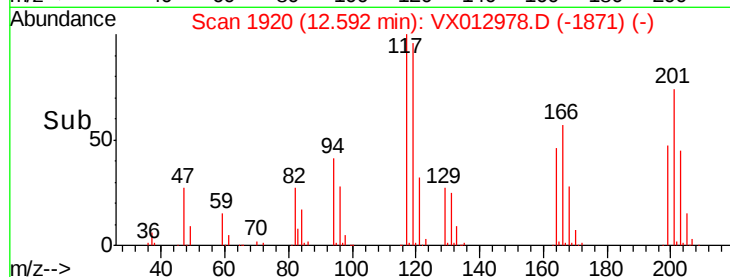
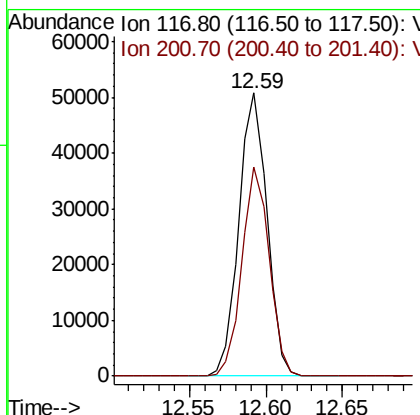
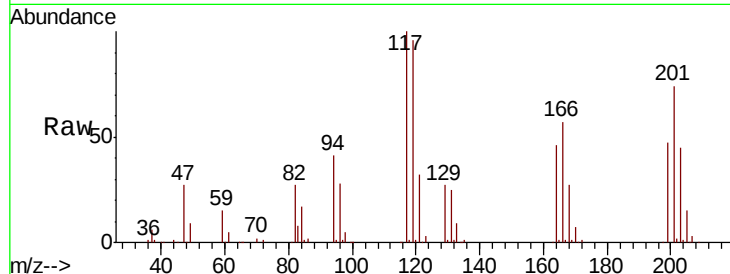




#90
Hexachloroethane
Concen: 47.491 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012978.D
Acq: 10 Oct 2019 06:06

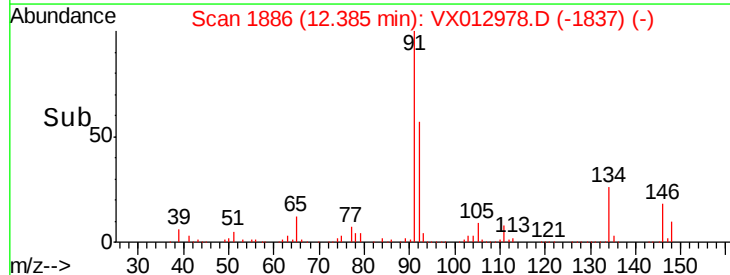
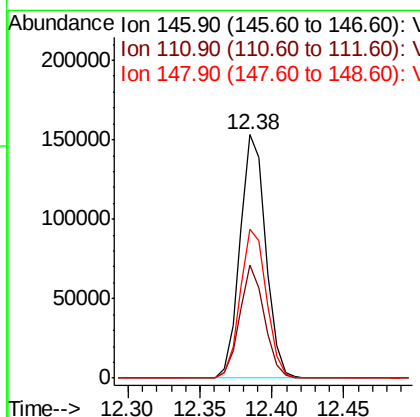
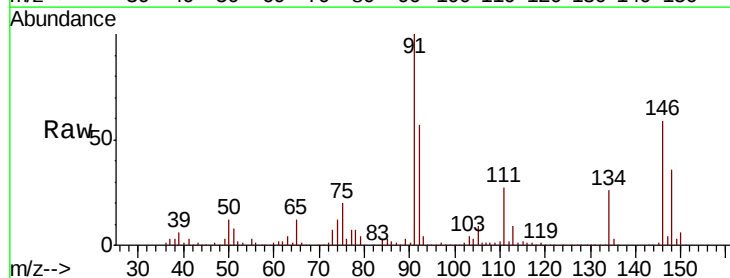
Instrument :
MSVOA_X
ClientSampleId :
FA19-MMW0010MS

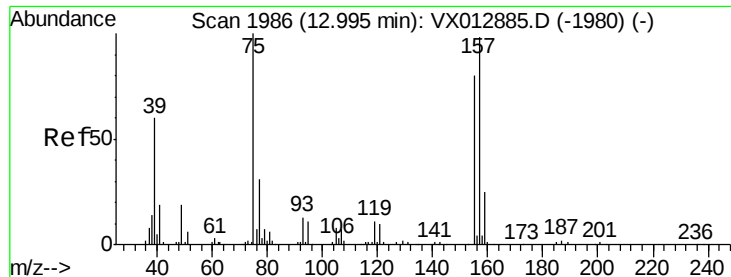
Tot Ion:117 Resp: 64778
Ion Ratio Lower Upper
117 100
201 71.8 36.9 110.7



#91
1,2-Dichlorobenzene
Concen: 52.360 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX012978.D
Acq: 10 Oct 2019 06:06

Tgt Ion:146 Resp: 189458
Ion Ratio Lower Upper
146 100
111 44.5 22.7 68.0
148 62.8 31.6 94.7

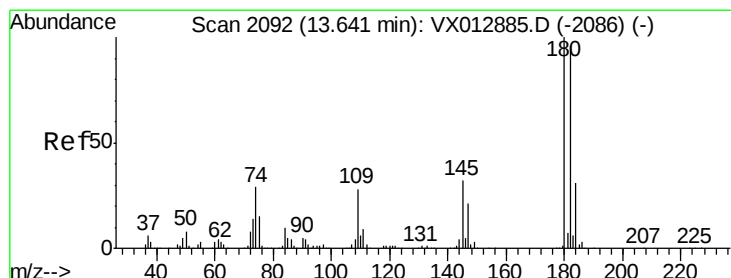
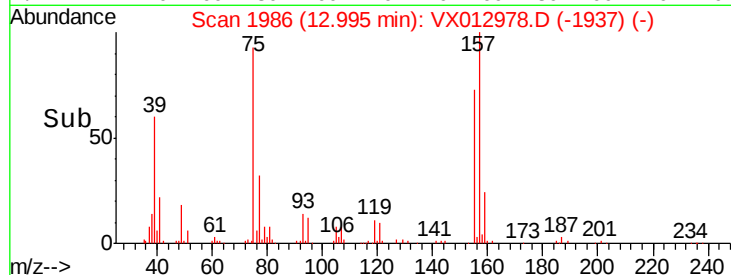
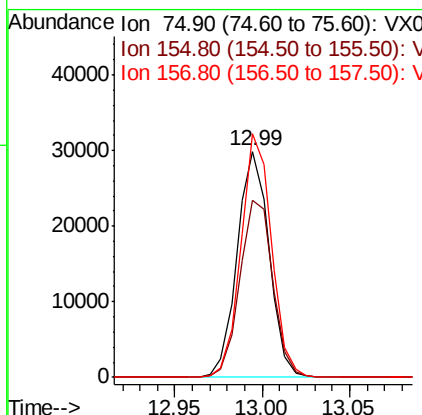
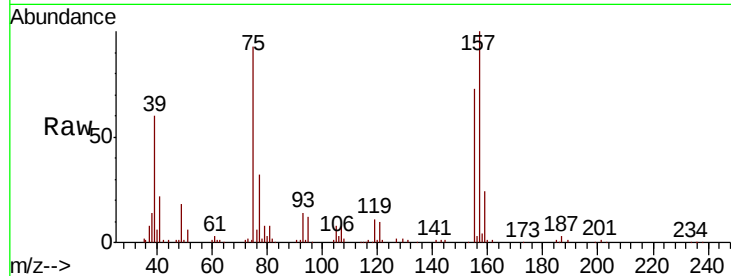




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 57.572 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX012978.D
 Acq: 10 Oct 2019 06:06

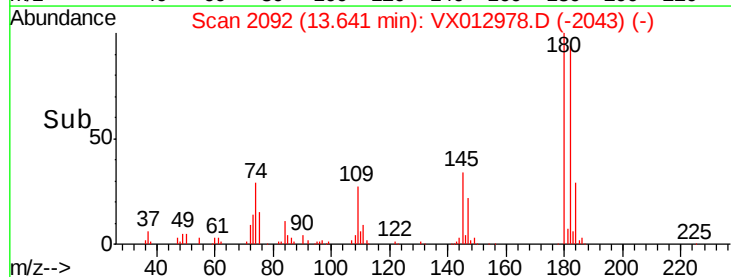
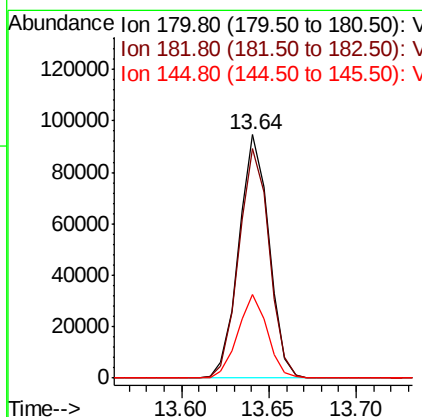
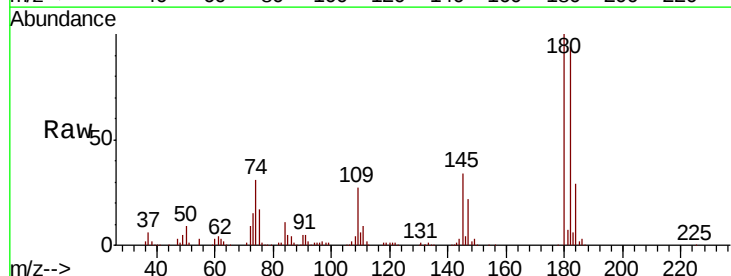
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-MMW0010MS

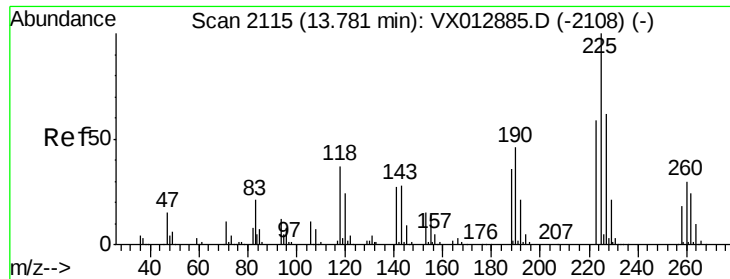
Tot Ion: 75 Resp: 37854
 Ion Ratio Lower Upper
 75 100
 155 80.8 43.0 128.8
 157 102.9 54.1 162.3



#93
 1,2,4-Trichlorobenzene
 Concen: 49.971 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX012978.D
 Acq: 10 Oct 2019 06:06

Tgt Ion: 180 Resp: 113264
 Ion Ratio Lower Upper
 180 100
 182 95.3 46.8 140.4
 145 33.5 16.2 48.6

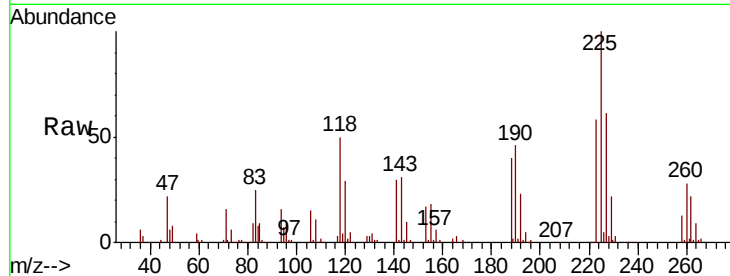




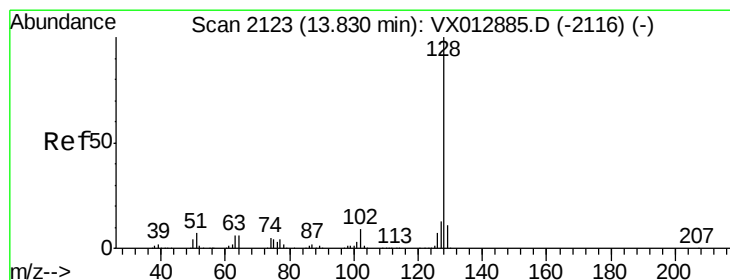
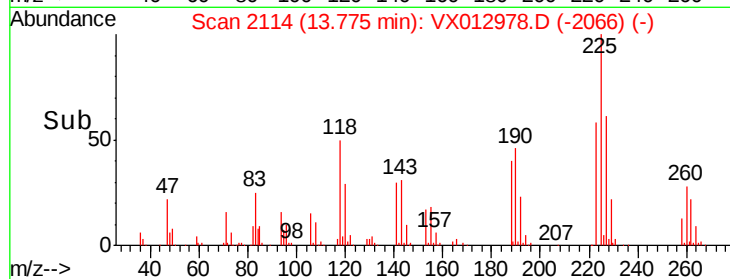
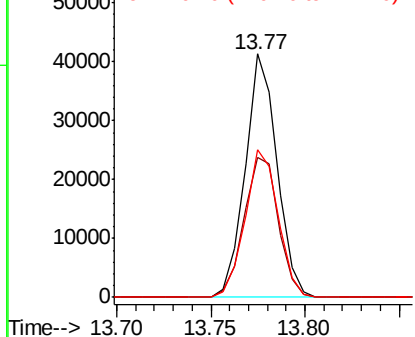
#94
Hexachlorobutadiene
Concen: 46.191 ug/l
RT: 13.77 min Scan# 2114
Delta R.T. -0.01 min
Lab File: VX012978.D
Acq: 10 Oct 2019 06:06

Instrument :
MSVOA_X
ClientSampleId :
FA19-MMW0010MS

Tot Ion:225 Resp: 48318
Ion Ratio Lower Upper
225 100
223 62.5 31.1 93.2
227 63.0 32.3 96.9

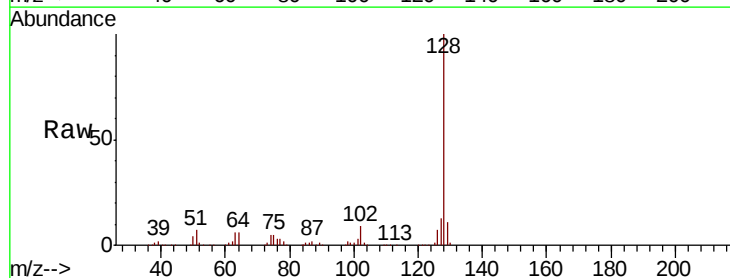


Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V

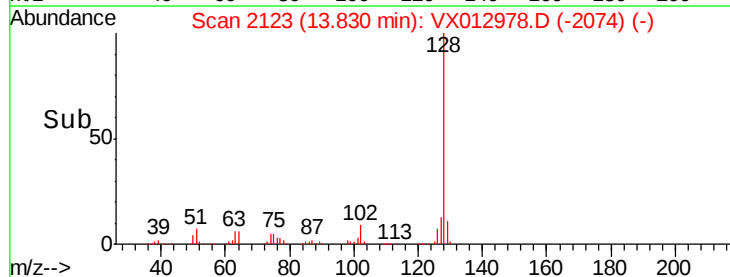
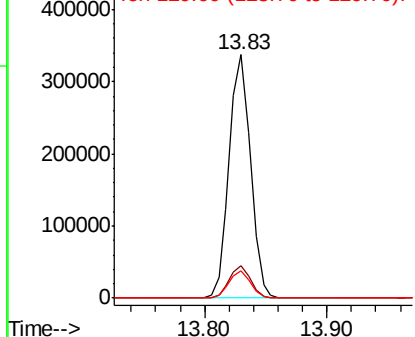


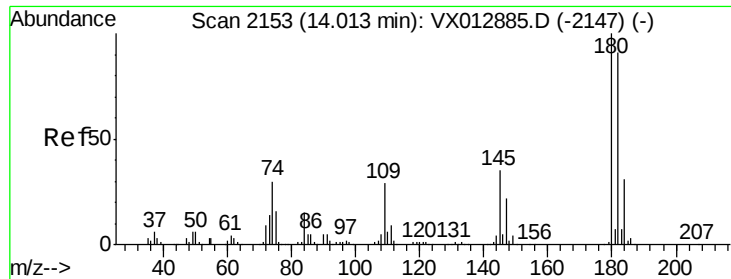
#95
Naphthalene
Concen: 51.981 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX012978.D
Acq: 10 Oct 2019 06:06

Tgt Ion:128 Resp: 408425
Ion Ratio Lower Upper
128 100
127 13.3 10.2 15.4
129 11.0 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: 50.569 ug/l
 RT: 14.01 min Scan# 2153
 Delta R.T. -0.00 min
 Lab File: VX012978.D
 Acq: 10 Oct 2019 06:06

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-MMW0010MS

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.5	142.5
145	34.5	17.4	52.3

