

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100919\
 Data File : VX012953.D
 Acq On : 09 Oct 2019 19:15
 Operator : JC/SP
 Sample : K5234-06MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JBW7106BMS

Quant Time: Oct 10 01:39:57 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	165740	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	284539	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	256646	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	122486	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	109786	53.00	ug/l	0.00
Spiked Amount			Recovery	=	106.00%	
35) Dibromofluoromethane	5.49	113	86326	52.86	ug/l	0.00
Spiked Amount			Recovery	=	105.72%	
50) Toluene-d8	8.71	98	328163	51.52	ug/l	0.00
Spiked Amount			Recovery	=	103.04%	
62) 4-Bromofluorobenzene	11.13	95	127098	51.35	ug/l	0.00
Spiked Amount			Recovery	=	102.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	90677	53.673	ug/l	99
3) Chloromethane	1.31	50	97561	53.062	ug/l	97
4) Vinyl Chloride	1.40	62	98692	52.005	ug/l	98
5) Bromomethane	1.63	94	32092	40.681	ug/l	96
6) Chloroethane	1.71	64	60977	52.584	ug/l	100
7) Trichlorofluoromethane	1.92	101	139914	54.624	ug/l	97
8) Diethyl Ether	2.18	74	54662	52.871	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	87741	52.929	ug/l	99
10) Methyl Iodide	2.50	142	88234	47.289	ug/l	99
11) Tert butyl alcohol	3.03	59	136959	249.404	ug/l	99
12) 1,1-Dichloroethene	2.36	96	87889	52.475	ug/l	94
13) Acrolein	2.28	56	86216	220.923	ug/l	99
14) Allyl chloride	2.72	41	156217	52.374	ug/l	99
15) Acrylonitrile	3.13	53	282215	271.185	ug/l	100
16) Acetone	2.43	43	241883	221.524	ug/l	98
17) Carbon Disulfide	2.56	76	235043	49.216	ug/l	100
18) Methyl Acetate	2.76	43	124843	48.237	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	315350	54.521	ug/l	100
20) Methylene Chloride	2.84	84	101376	50.518	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	93916	52.316	ug/l	100
22) Diisopropyl ether	3.84	45	311126	54.436	ug/l	96
23) Vinyl Acetate	3.80	43	1268682	257.129	ug/l	100
24) 1,1-Dichloroethane	3.69	63	174607	54.304	ug/l	99
25) 2-Butanone	4.65	43	391863	258.678	ug/l	99
26) 2,2-Dichloropropane	4.57	77	123254	45.585	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	112037	54.143	ug/l	99
28) Bromochloromethane	5.00	49	53237	55.450	ug/l	99
29) Tetrahydrofuran	5.11	42	253875	272.340	ug/l	99
30) Chloroform	5.20	83	174323	52.837	ug/l	99
31) Cyclohexane	5.57	56	156168	51.941	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	152371	54.506	ug/l	99
36) 1,1-Dichloropropene	5.79	75	129238	51.660	ug/l	99
37) Ethyl Acetate	4.82	43	146057	52.212	ug/l	100
38) Carbon Tetrachloride	5.78	117	127442	52.338	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	155920	51.393	ug/l	97
40) Benzene	6.13	78	394353	53.372	ug/l	99
41) Methacrylonitrile	5.03	41	82752	53.836	ug/l	98
42) 1,2-Dichloroethane	6.19	62	141544	53.387	ug/l	100
43) Isopropyl Acetate	6.44	43	229876	51.199	ug/l	99
44) Trichloroethene	7.20	130	103048	50.294	ug/l	95
45) 1,2-Dichloropropane	7.51	63	100163	53.189	ug/l	99
46) Dibromomethane	7.65	93	68368	54.491	ug/l	98
47) Bromodichloromethane	7.89	83	131523	53.716	ug/l	95
48) Methyl methacrylate	7.76	41	115556	52.815	ug/l	99
49) 1,4-Dioxane	7.73	88	60637	1031.585	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	753763	269.266	ug/l	100
52) Toluene	8.78	92	249459	52.773	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	141084	46.338	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	156080	51.829	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	100297	53.615	ug/l	98
56) Ethyl methacrylate	9.17	69	162759	48.639	ug/l	99
57) 1,3-Dichloropropane	9.37	76	169512	52.384	ug/l	100
59) 2-Hexanone	9.49	43	585412	268.649	ug/l	99
60) Dibromochloromethane	9.58	129	101112	48.624	ug/l	100
61) 1,2-Dibromoethane	9.67	107	105691	53.708	ug/l	98
64) Tetrachloroethene	9.33	164	91609	51.463	ug/l	97
65) Chlorobenzene	10.14	112	263713	51.743	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	94949	53.731	ug/l	98
67) Ethyl Benzene	10.25	91	474493	52.413	ug/l	99
68) m/p-Xylenes	10.36	106	352008	104.082	ug/l	98
69) o-Xylene	10.70	106	173029	52.463	ug/l	100
70) Stvrene	10.71	104	298934	53.317	ug/l	99
71) Bromoform	10.85	173	68428	45.740	ug/l #	100
73) Isopropylbenzene	11.01	105	463008	51.414	ug/l	99
74) N-amyl acetate	10.89	43	191779	49.448	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	155274	51.841	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	176268	64.882	ug/l	78
77) Bromobenzene	11.25	156	107821	50.809	ug/l	96
78) n-propylbenzene	11.35	91	514137	51.884	ug/l	99
79) 2-Chlorotoluene	11.42	91	316897	50.885	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	393312	52.305	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	46386	44.404	ug/l	98
82) 4-Chlorotoluene	11.51	91	368982	51.692	ug/l	100
83) tert-Butylbenzene	11.77	119	373394	50.904	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	391476	51.405	ug/l	99
85) sec-Butylbenzene	11.94	105	439097	51.670	ug/l	99
86) p-Isopropyltoluene	12.06	119	405515	51.451	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	194196	49.279	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	193097	48.382	ug/l	100
89) n-Butylbenzene	12.39	91	339271	51.217	ug/l	98
90) Hexachloroethane	12.59	117	68321	46.938	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	194249	50.280	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	37023	52.737	ug/l	96
93) 1,2,4-Trichlorobenzene	13.64	180	118552	48.986	ug/l	98

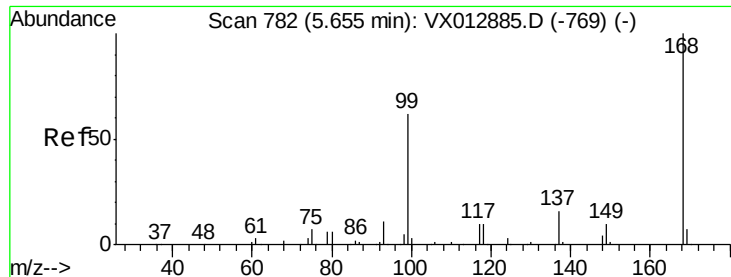
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX100919\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	52361	46.881	ug/l	98
95) Naphthalene	13.83	128	430599	51.327	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	123931	49.554	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX012953.D

Acq: 09 Oct 2019 19:15

Instrument :

MSVOA_X

ClientSampleId :

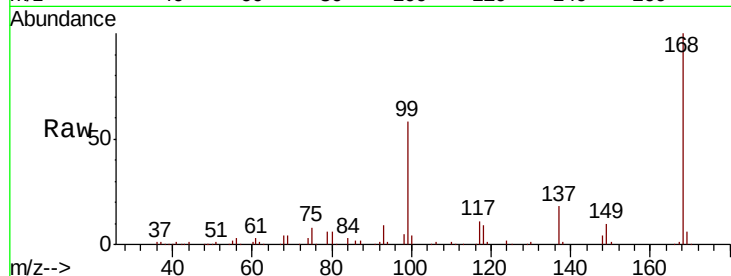
FA19-JBW7106BMS

Tot Ion:168 Resp: 165740

Ion Ratio Lower Upper

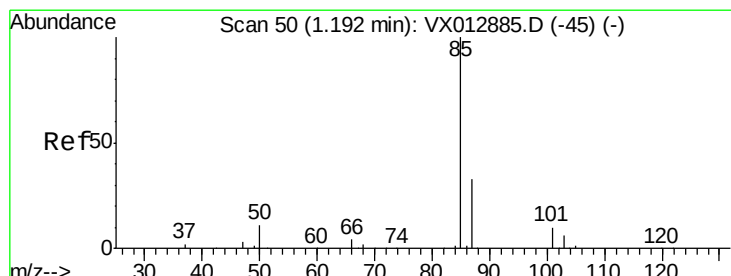
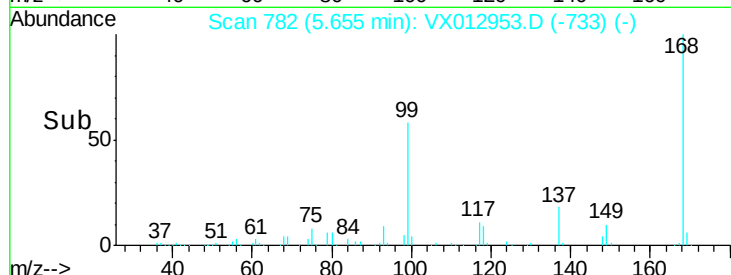
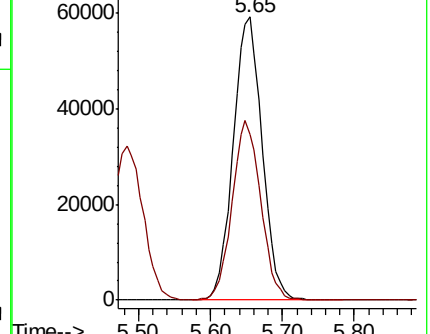
168 100

99 58.2 49.4 74.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 53.673 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.01 min

Lab File: VX012953.D

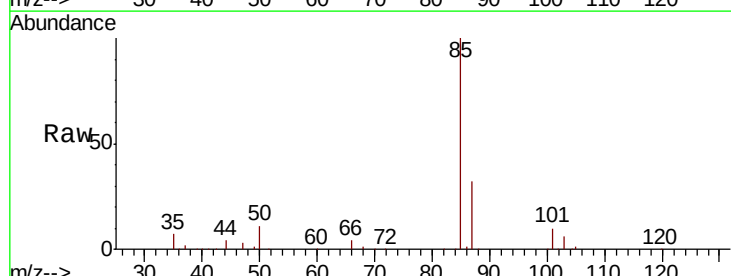
Acq: 09 Oct 2019 19:15

Tgt Ion: 85 Resp: 90677

Ion Ratio Lower Upper

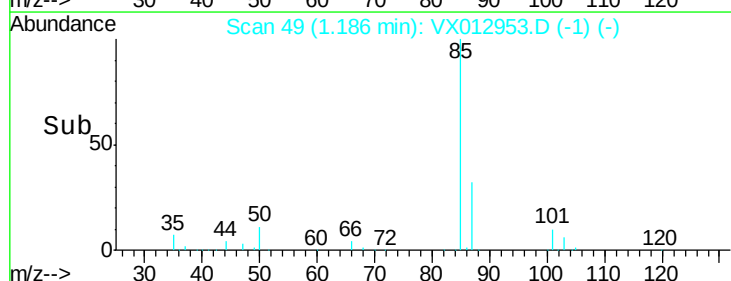
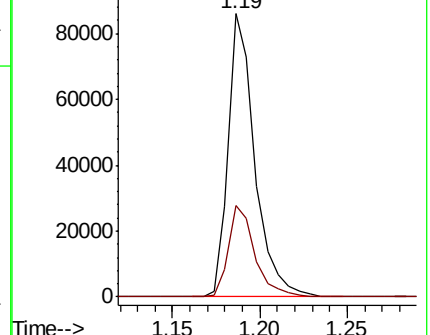
85 100

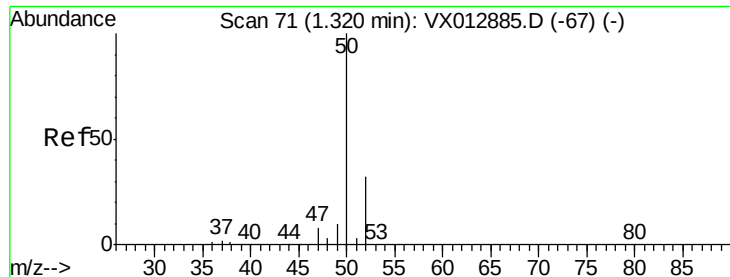
87 32.1 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 53.062 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.01 min

Lab File: VX012953.D

Acq: 09 Oct 2019 19:15

Instrument :

MSVOA_X

ClientSampleId :

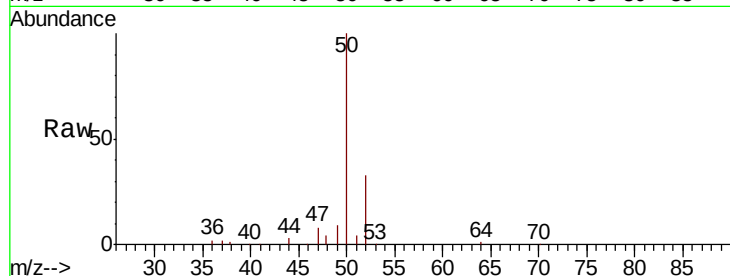
FA19-JBW7106BMS

Tot Ion: 50 Resp: 97561

Ion Ratio Lower Upper

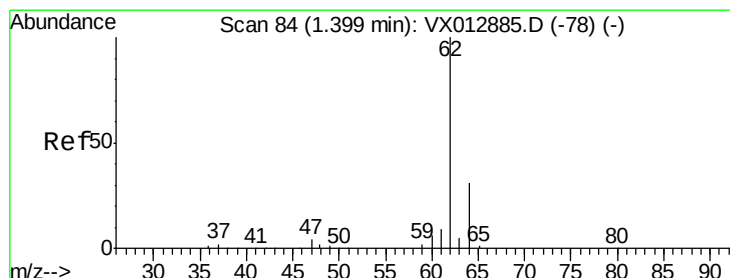
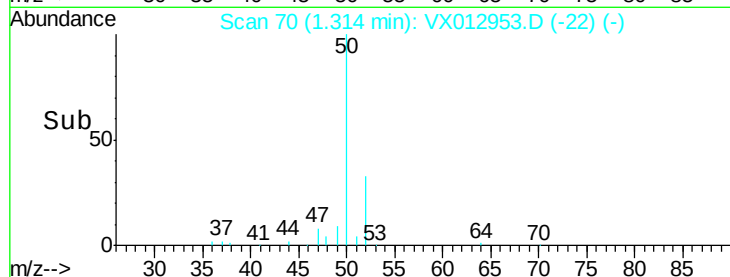
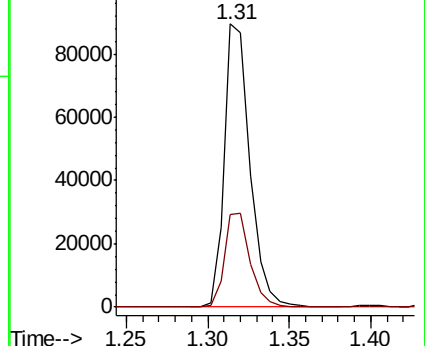
50 100

52 32.9 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: 52.005 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012953.D

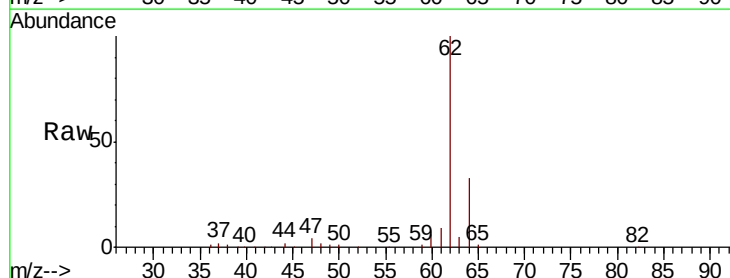
Acq: 09 Oct 2019 19:15

Tgt Ion: 62 Resp: 98692

Ion Ratio Lower Upper

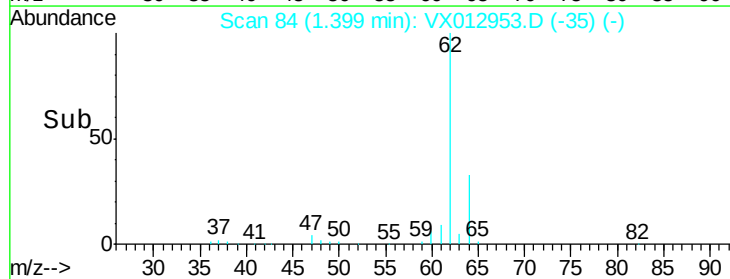
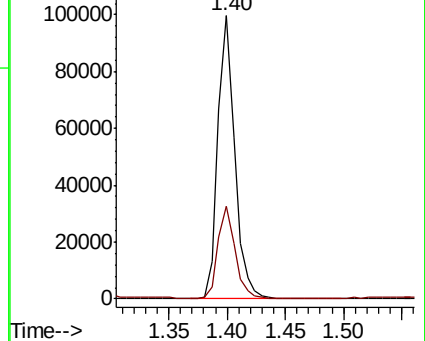
62 100

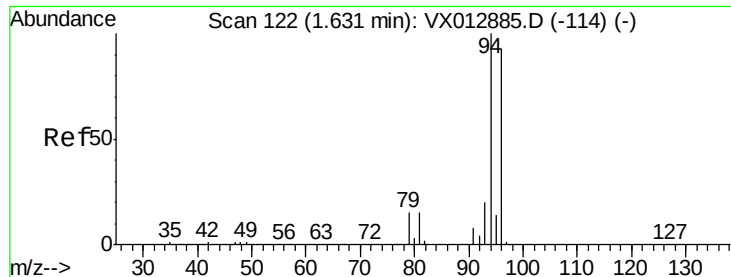
64 32.5 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 40.681 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX012953.D

Acq: 09 Oct 2019 19:15

Instrument :

MSVOA_X

ClientSampleId :

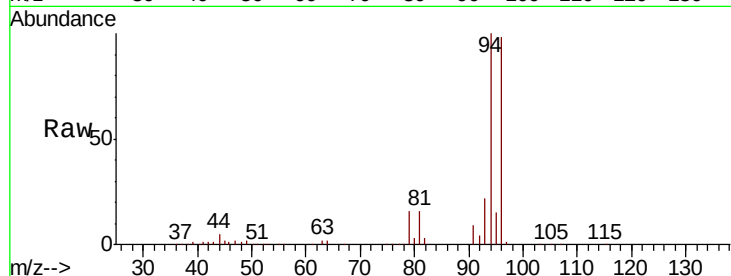
FA19-JBW7106BMS

Tot Ion: 94 Resp: 32092

Ion Ratio Lower Upper

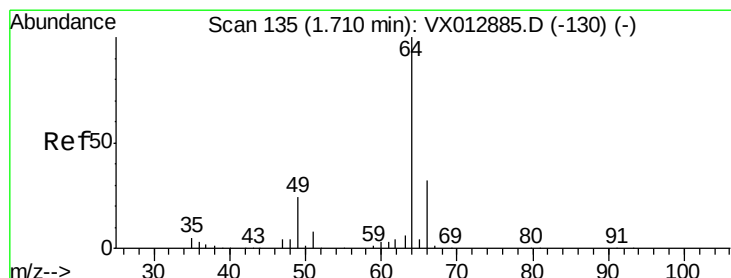
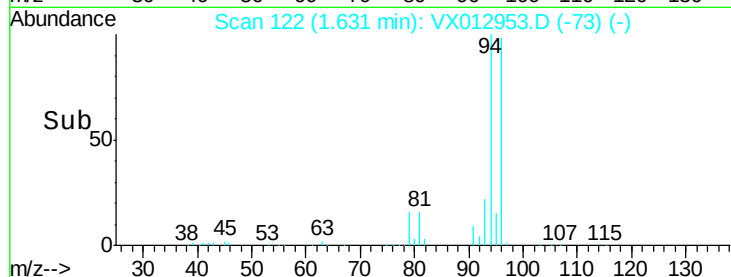
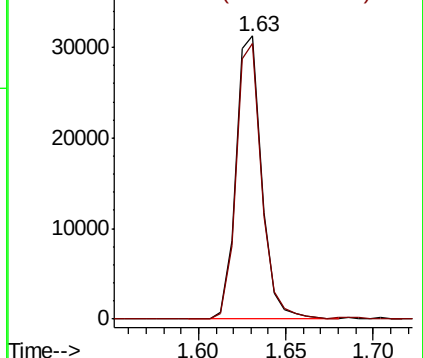
94 100

96 97.5 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: 52.584 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX012953.D

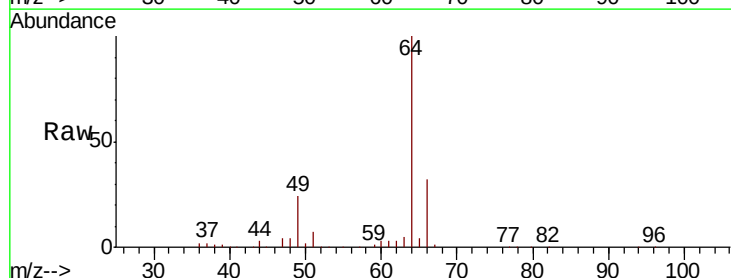
Acq: 09 Oct 2019 19:15

Tgt Ion: 64 Resp: 60977

Ion Ratio Lower Upper

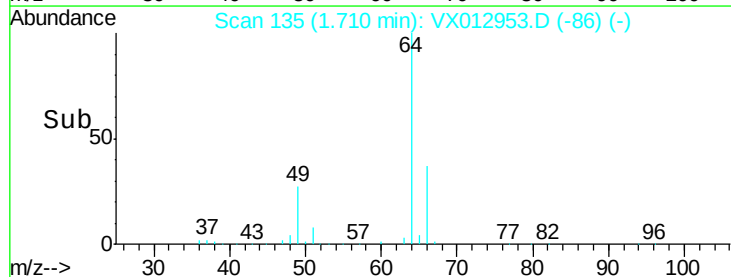
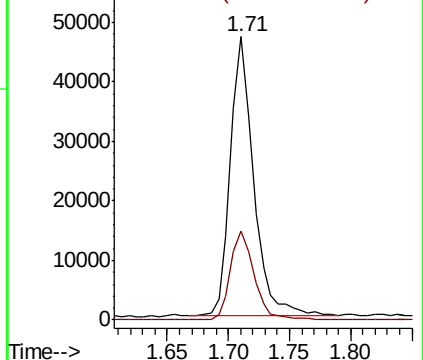
64 100

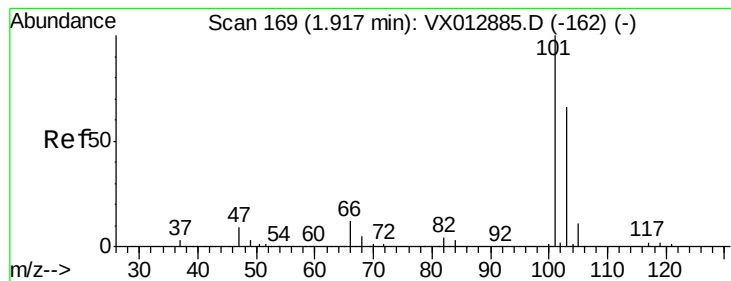
66 32.0 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



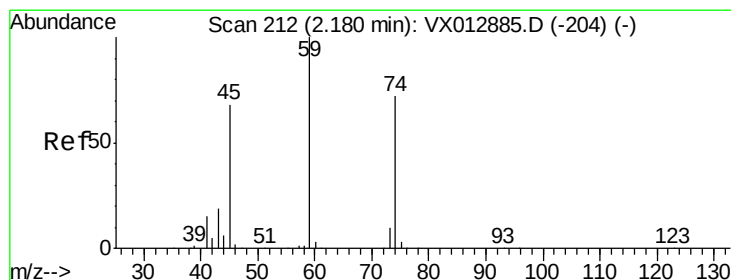
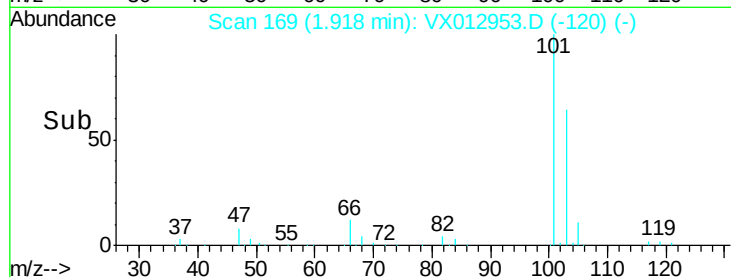
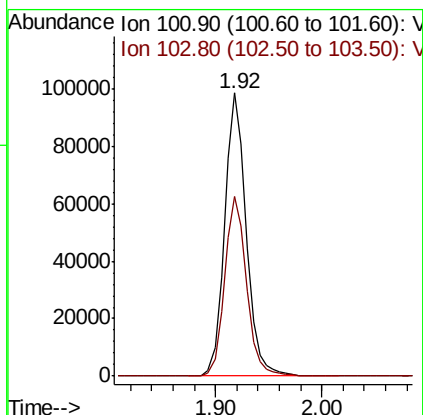
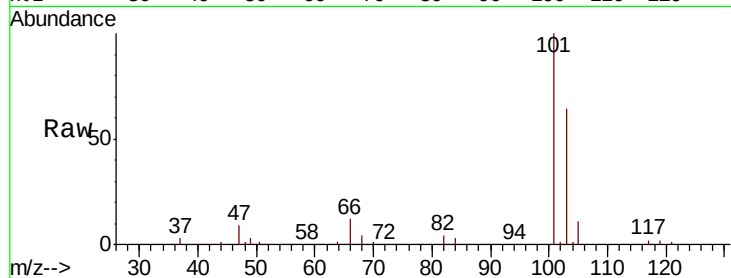


#7

Trichlorofluoromethane
Concen: 54.624 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX012953.D
Acq: 09 Oct 2019 19:15

Instrument :
MSVOA_X
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FA19-JBW7106BMS

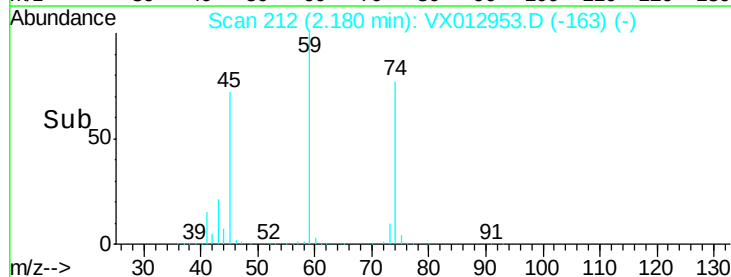
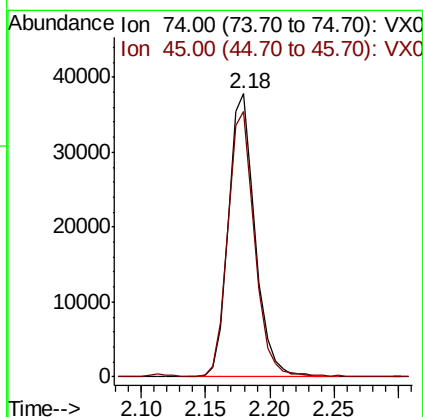
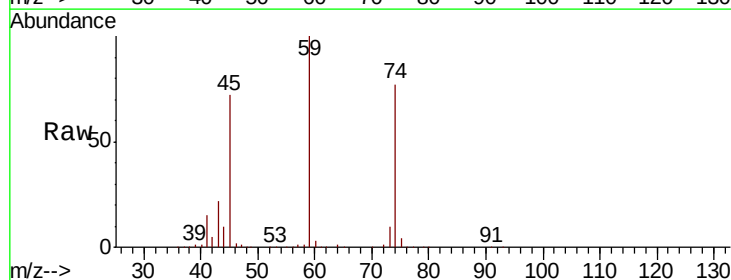
Tot Ion:101 Resp: 139914
Ion Ratio Lower Upper
101 100
103 63.5 52.5 78.7

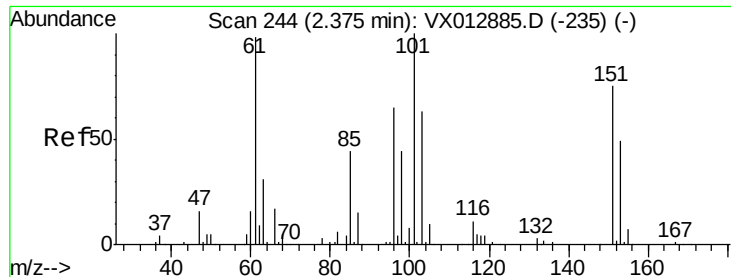


#8

Diethyl Ether
Concen: 52.871 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX012953.D
Acq: 09 Oct 2019 19:15

Tgt Ion: 74 Resp: 54662
Ion Ratio Lower Upper
74 100
45 95.4 47.8 143.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.929 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.01 min

Lab File: VX012953.D

Acq: 09 Oct 2019 19:15

Instrument :

MSVOA_X

ClientSampleId :

FA19-JBW7106BMS

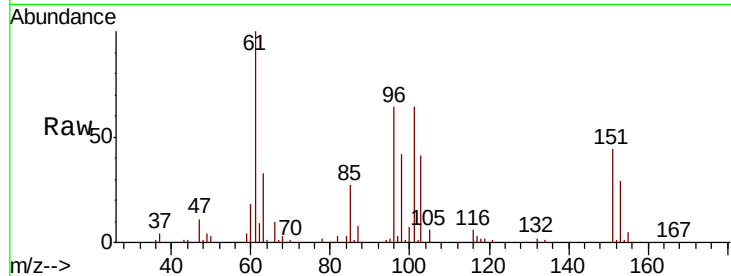
Tot Ion:101 Resp: 87741

Ion Ratio Lower Upper

101 100

85 42.7 35.2 52.8

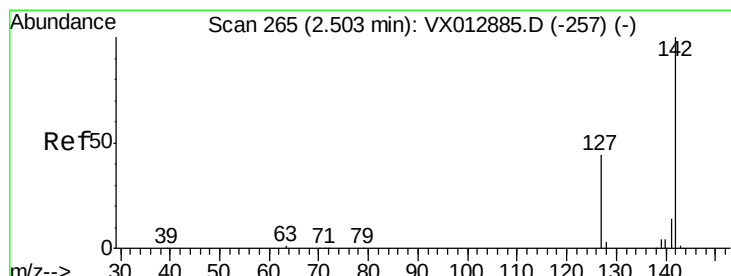
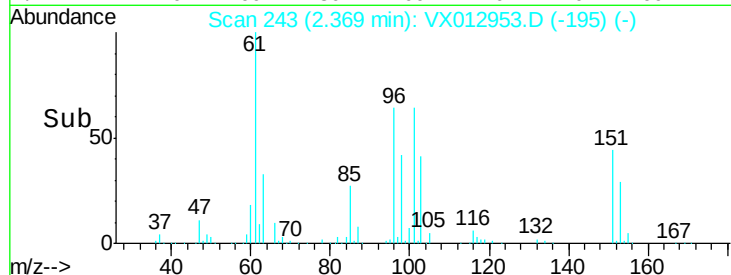
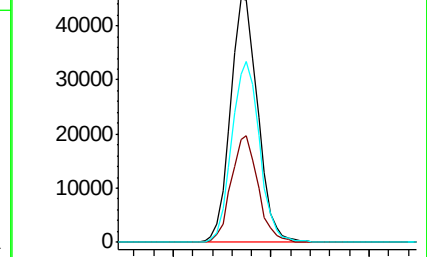
151 75.0 60.3 90.5



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: 47.289 ug/l

RT: 2.50 min Scan# 264

Delta R.T. -0.01 min

Lab File: VX012953.D

Acq: 09 Oct 2019 19:15

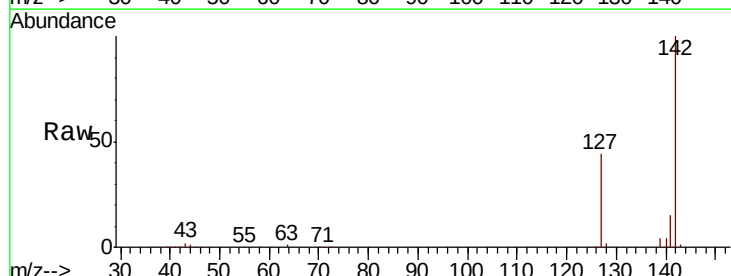
Tgt Ion:142 Resp: 88234

Ion Ratio Lower Upper

142 100

127 44.4 34.9 52.3

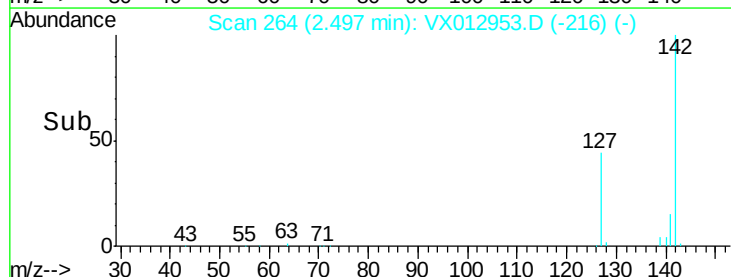
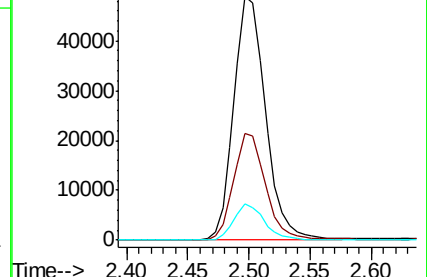
141 14.5 11.6 17.4

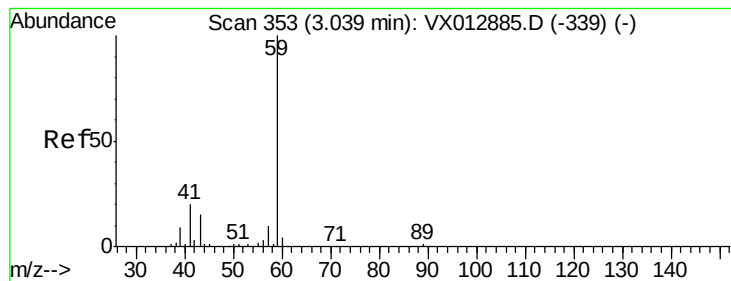


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



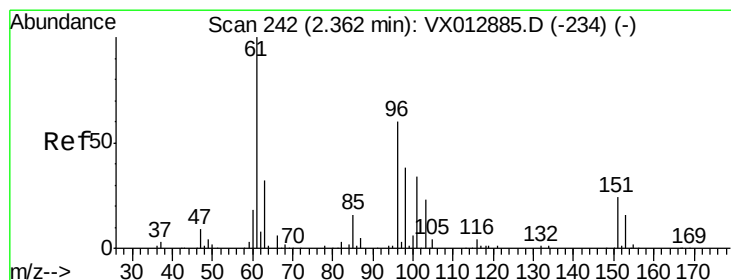
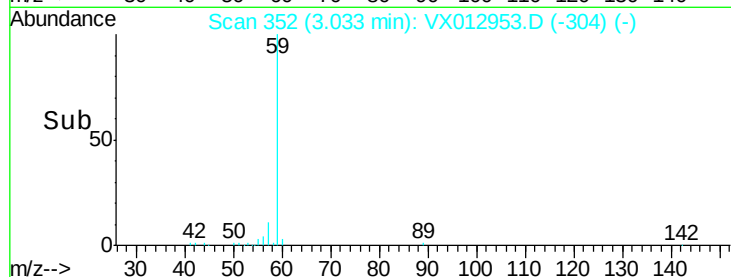
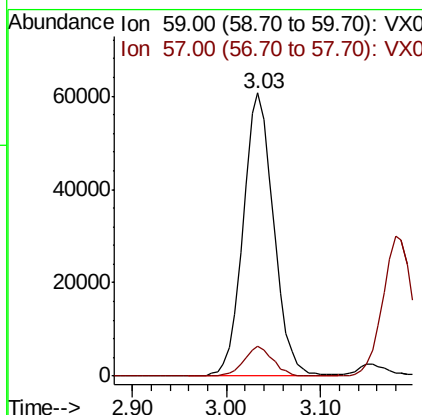
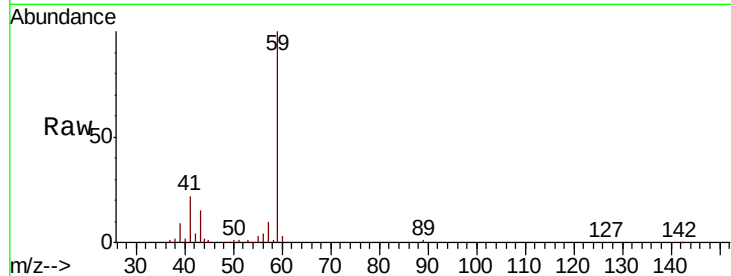


#11

Tert butyl alcohol
 Concen: 249.404 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VX012953.D
 Acq: 09 Oct 2019 19:15

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JBW7106BMS

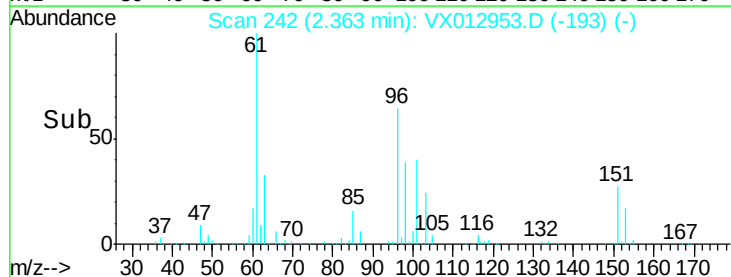
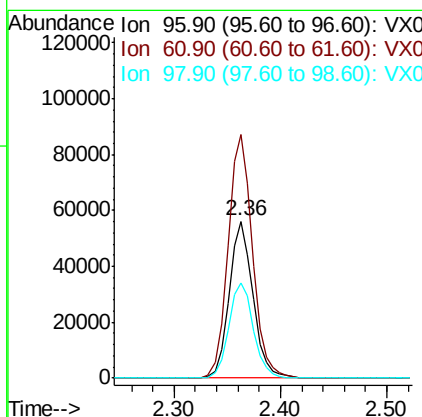
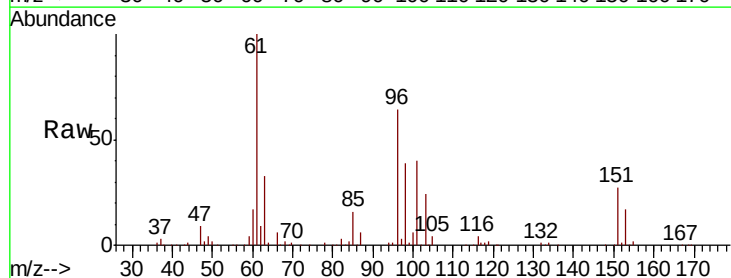
Tot Ion: 59 Resp: 136959
 Ion Ratio Lower Upper
 59 100
 57 10.0 8.3 12.5

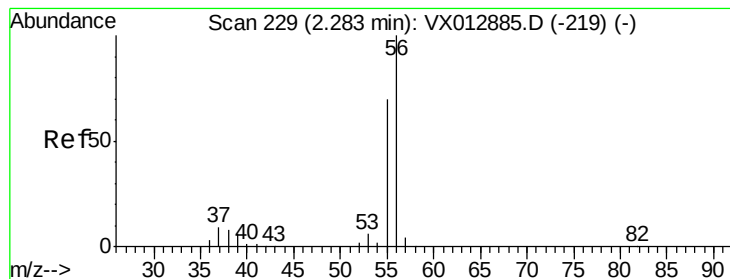


#12

1,1-Dichloroethene
 Concen: 52.475 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. 0.00 min
 Lab File: VX012953.D
 Acq: 09 Oct 2019 19:15

Tgt Ion: 96 Resp: 87889
 Ion Ratio Lower Upper
 96 100
 61 155.2 132.2 198.4
 98 60.7 50.5 75.7





#13

Acrolein

Concen: 220.923 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX012953.D

Acq: 09 Oct 2019 19:15

Instrument :

MSVOA_X

ClientSampleId :

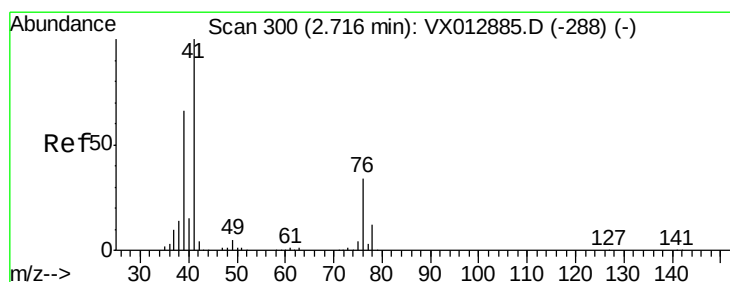
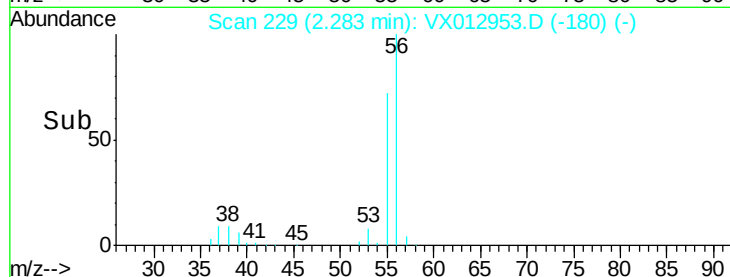
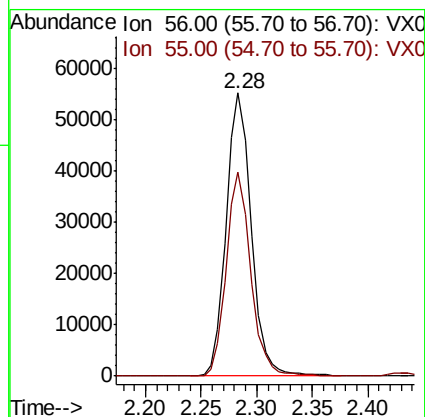
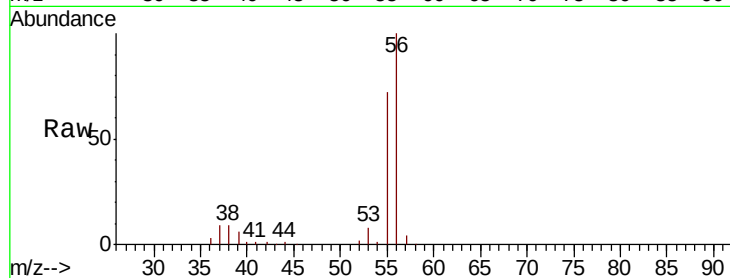
FA19-JBW7106BMS

Tot Ion: 56 Resp: 86216

Ion Ratio Lower Upper

56 100

55 69.9 56.6 85.0



#14

Allyl chloride

Concen: 52.374 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX012953.D

Acq: 09 Oct 2019 19:15

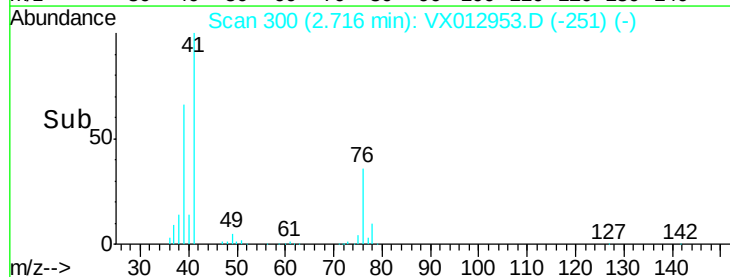
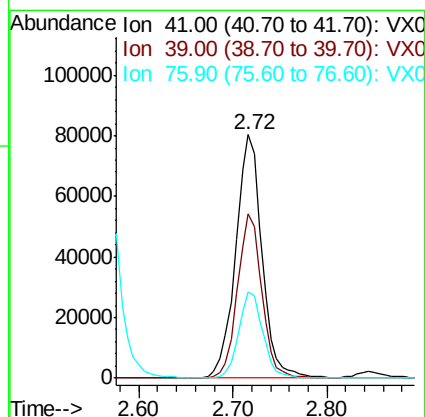
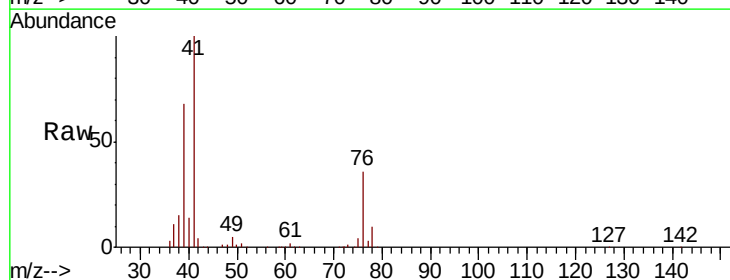
Tgt Ion: 41 Resp: 156217

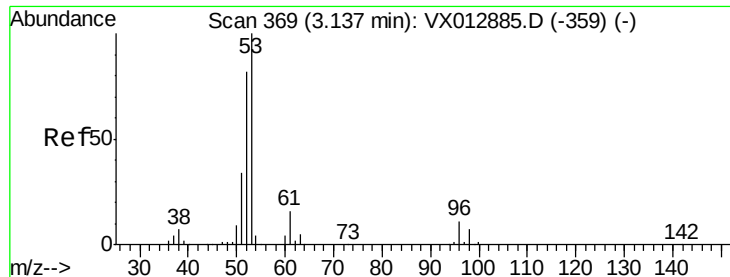
Ion Ratio Lower Upper

41 100

39 62.9 51.0 76.6

76 32.5 26.2 39.4

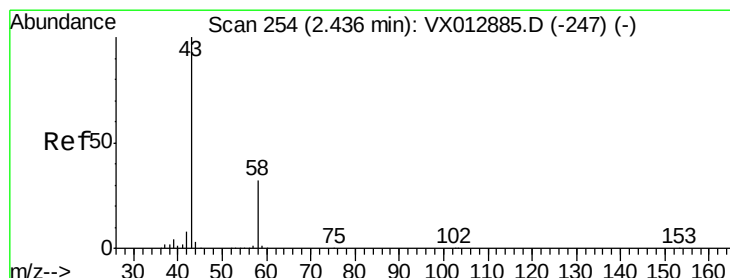
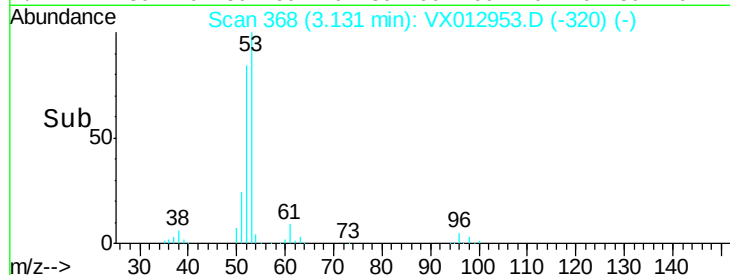
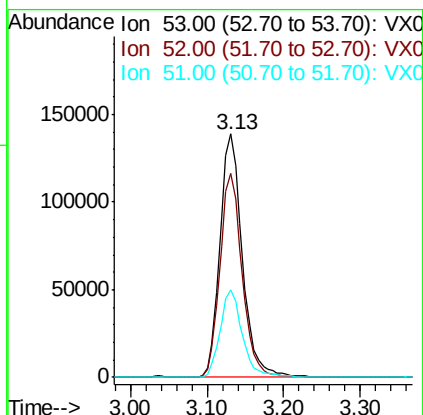
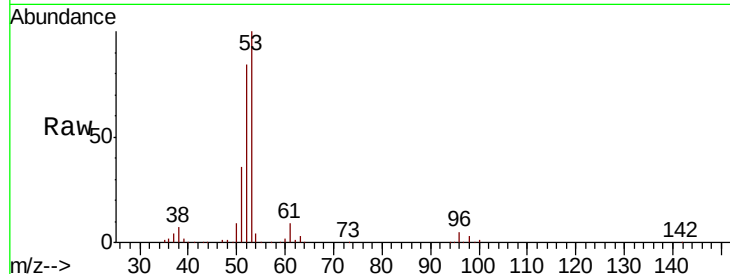




#15
 Acrylonitrile
 Concen: 271.185 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. -0.01 min
 Lab File: VX012953.D
 Acq: 09 Oct 2019 19:15

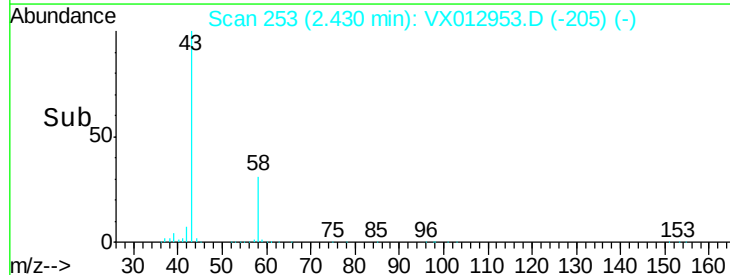
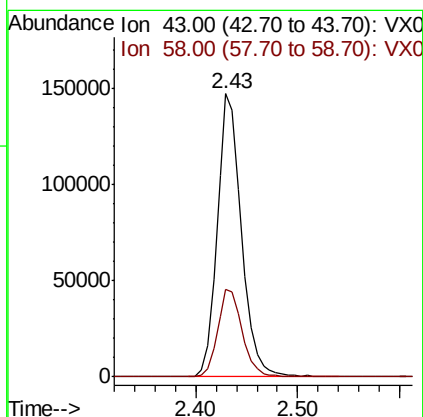
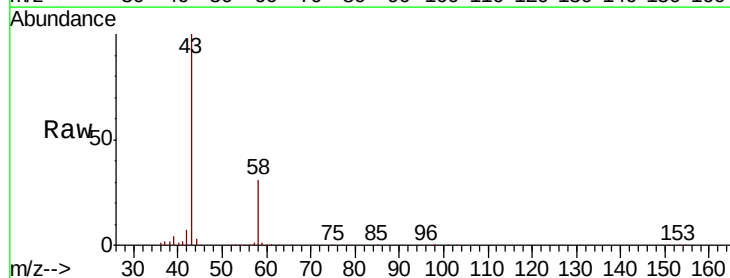
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JBW7106BMS

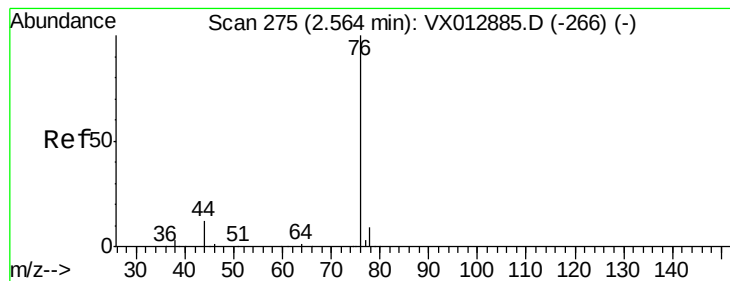
Tot Ion	53	Resp	282215
Ion Ratio	Lower	Upper	
53	100		
52	82.9	66.2	99.2
51	35.8	28.2	42.4



#16
 Acetone
 Concen: 221.524 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. -0.01 min
 Lab File: VX012953.D
 Acq: 09 Oct 2019 19:15

Tgt Ion	43	Resp	241883
Ion Ratio	Lower	Upper	
43	100		
58	31.0	25.4	38.2





#17

Carbon Disulfide

Concen: 49.216 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.01 min

Lab File: VX012953.D

Acq: 09 Oct 2019 19:15

Instrument :

MSVOA_X

ClientSampleId :

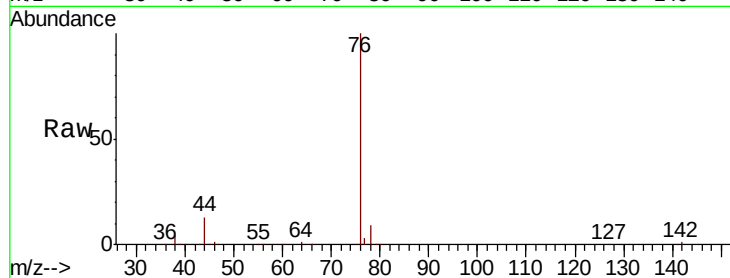
FA19-JBW7106BMS

Tot Ion: 76 Resp: 235043

Ion Ratio Lower Upper

76 100

78 8.9 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

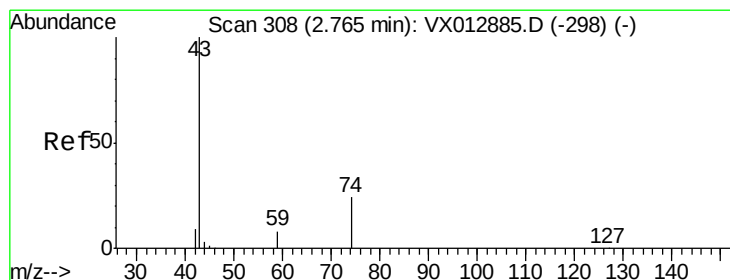
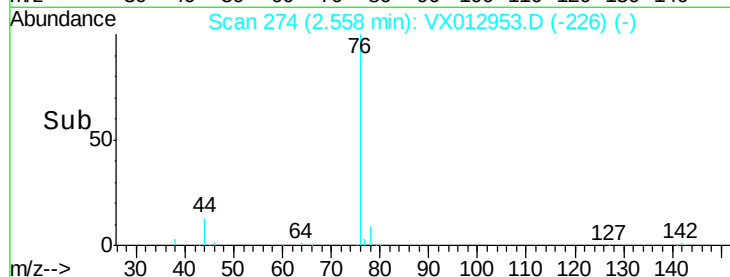
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 48.237 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX012953.D

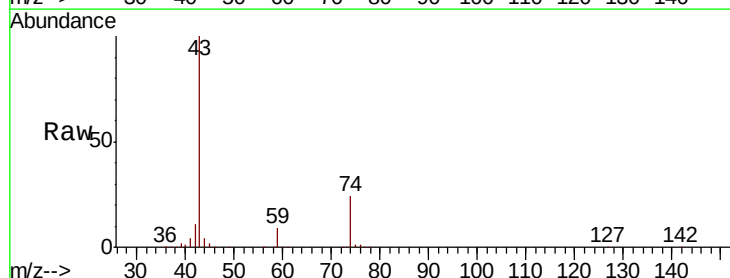
Acq: 09 Oct 2019 19:15

Tgt Ion: 43 Resp: 124843

Ion Ratio Lower Upper

43 100

74 24.8 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

80000

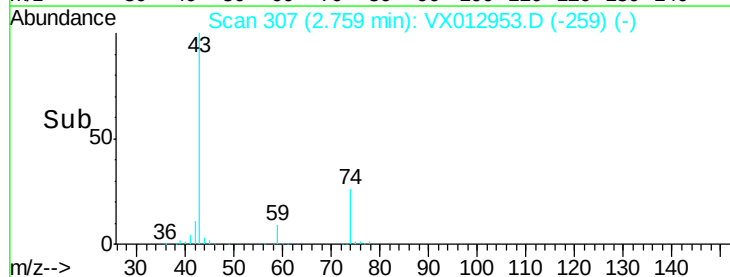
60000

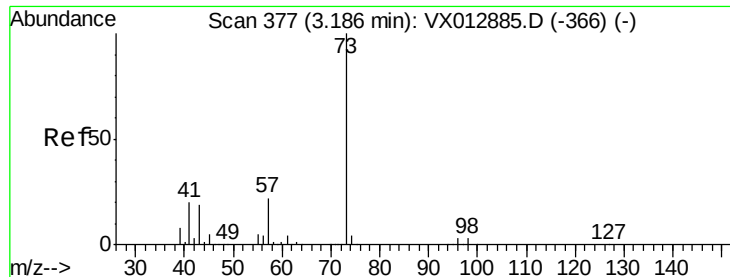
40000

20000

0

Time-->

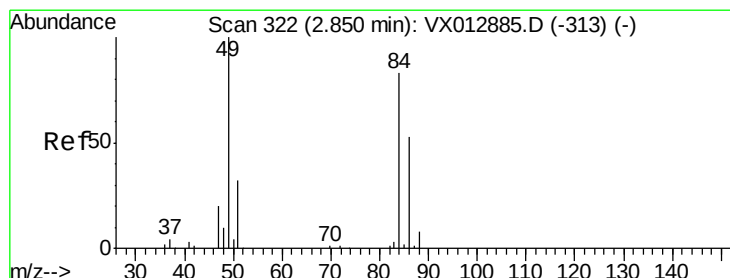
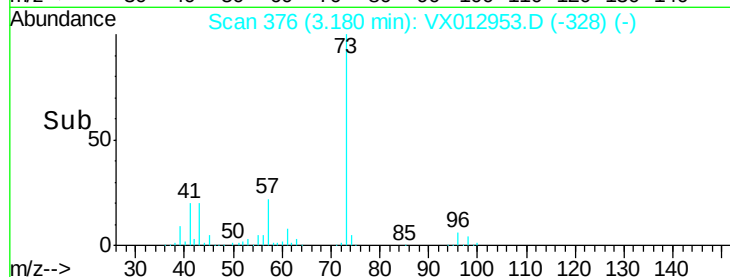
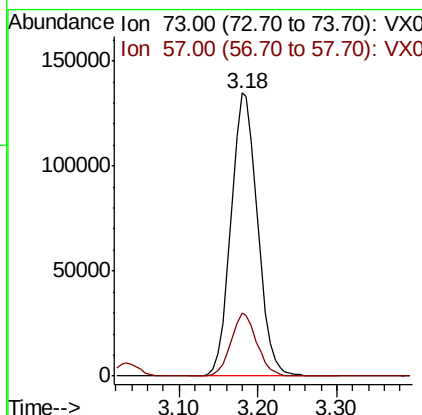
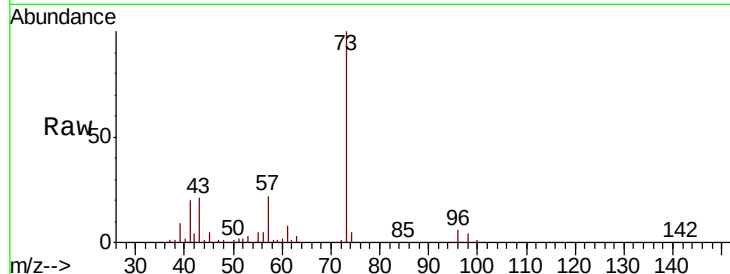




#19
Methyl tert-butyl Ether
Concen: 54.521 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX012953.D
Acq: 09 Oct 2019 19:15

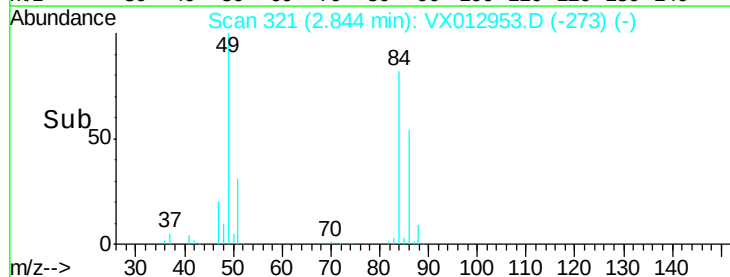
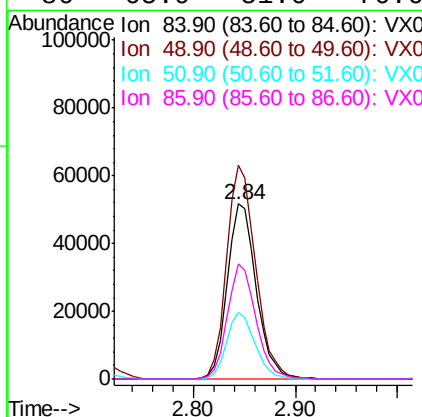
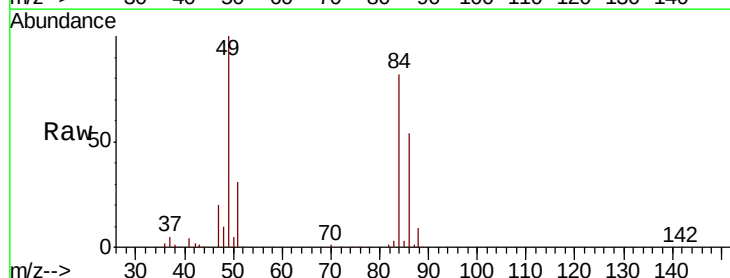
Instrument :
MSVOA_X
ClientSampleId :
FA19-JBW7106BMS

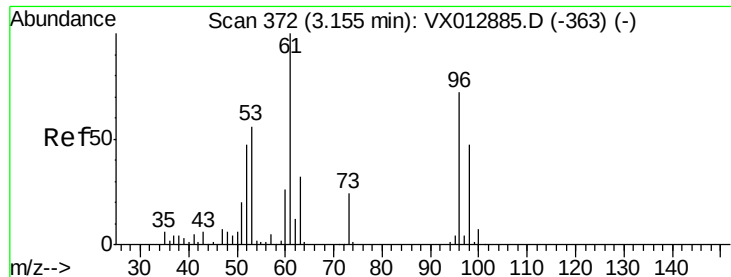
Tot Ion: 73 Resp: 315350
Ion Ratio Lower Upper
73 100
57 22.2 17.8 26.6



#20
Methylene Chloride
Concen: 50.518 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX012953.D
Acq: 09 Oct 2019 19:15

Tgt Ion: 84 Resp: 101376
Ion Ratio Lower Upper
84 100
49 122.0 96.6 144.8
51 38.2 30.7 46.1
86 65.9 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 52.316 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX012953.D

Acq: 09 Oct 2019 19:15

Instrument :

MSVOA_X

ClientSampleId :

FA19-JBW7106BMS

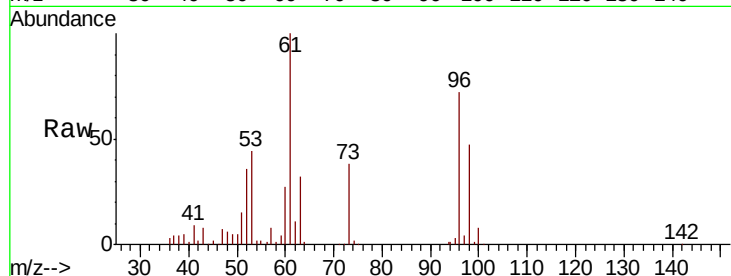
Tot Ion: 96 Resp: 93916

Ion Ratio Lower Upper

96 100

61 138.1 110.4 165.6

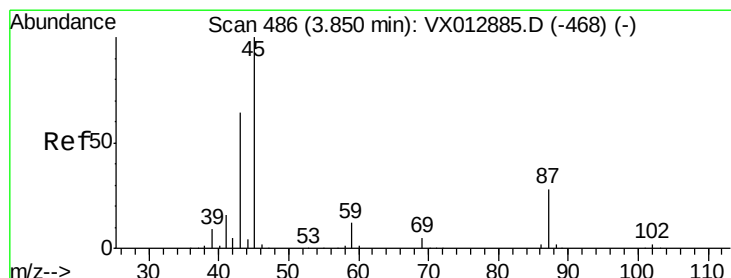
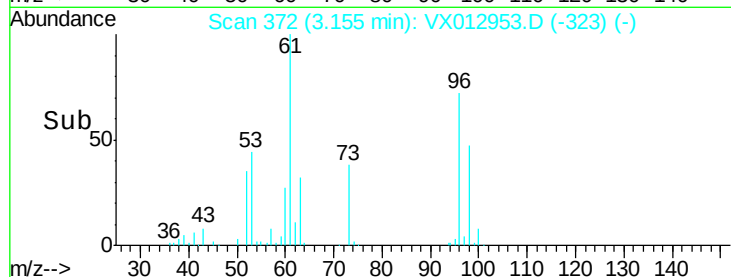
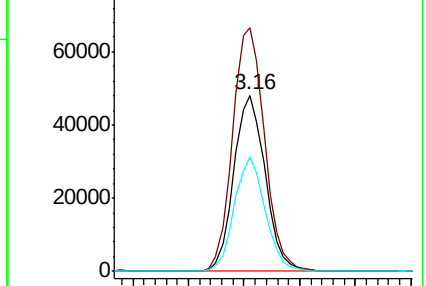
98 64.6 51.5 77.3



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: 54.436 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.01 min

Lab File: VX012953.D

Acq: 09 Oct 2019 19:15

Tgt Ion: 45 Resp: 311126

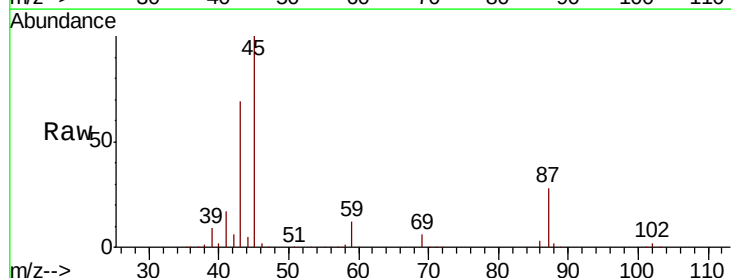
Ion Ratio Lower Upper

45 100

43 69.1 51.4 77.0

87 28.5 22.5 33.7

59 11.6 9.7 14.5

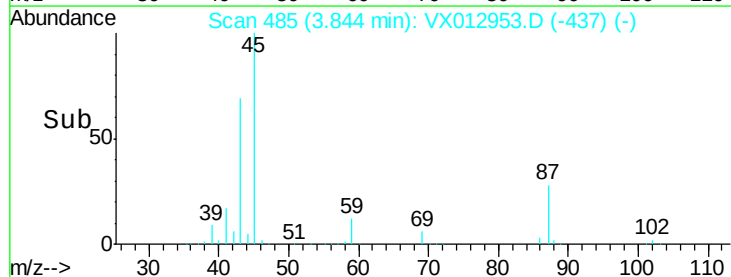
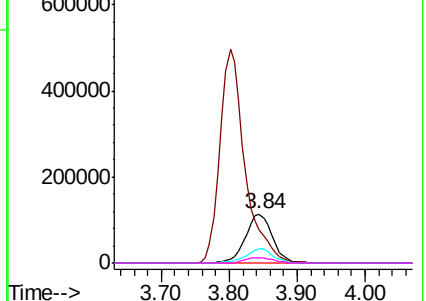


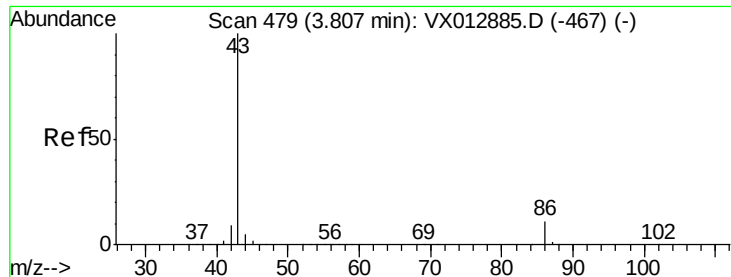
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 257.129 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX012953.D

Acq: 09 Oct 2019 19:15

Instrument :

MSVOA_X

ClientSampleId :

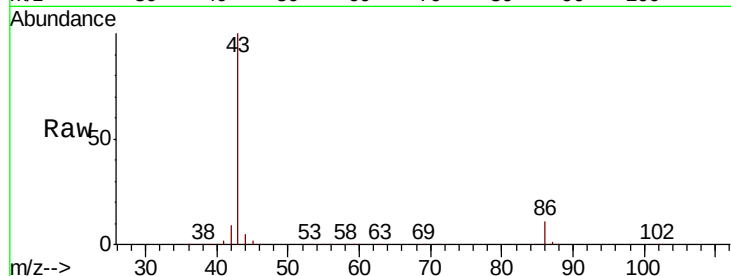
FA19-JBW7106BMS

Tot Ion: 43 Resp: 1268682

Ion Ratio Lower Upper

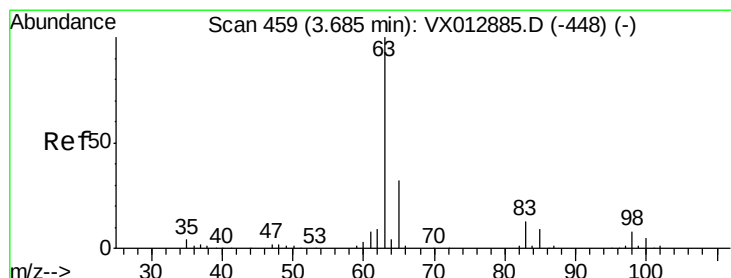
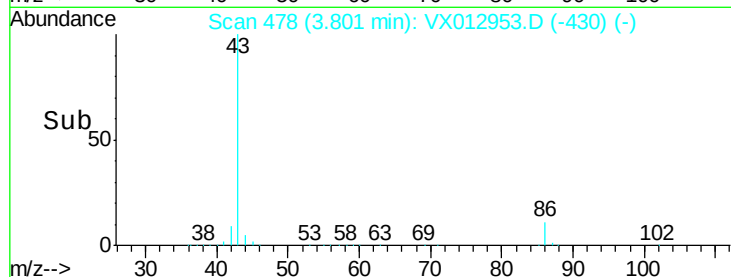
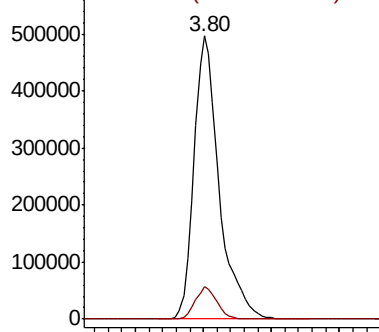
43 100

86 11.4 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: 54.304 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012953.D

Acq: 09 Oct 2019 19:15

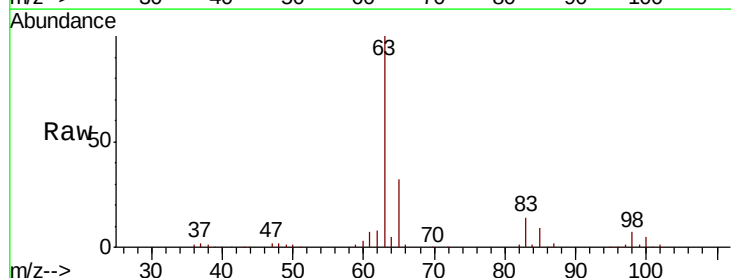
Tgt Ion: 63 Resp: 174607

Ion Ratio Lower Upper

63 100

98 7.3 3.9 11.5

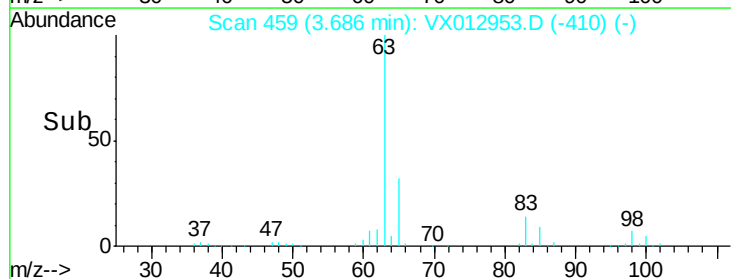
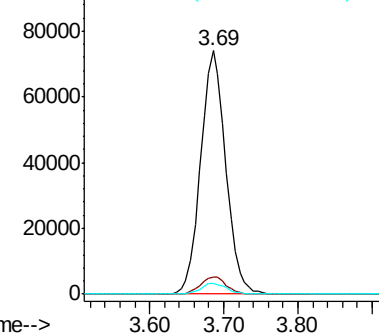
100 4.5 2.3 6.9

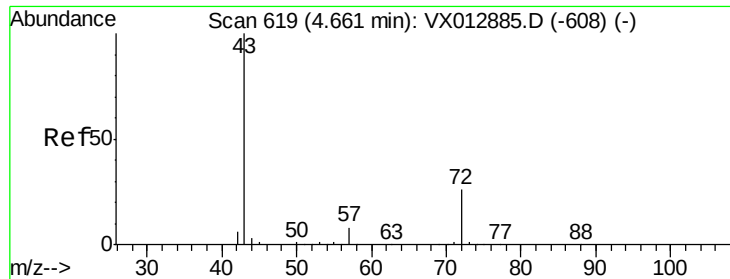


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 258.678 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX012953.D

Acq: 09 Oct 2019 19:15

Instrument :

MSVOA_X

ClientSampleId :

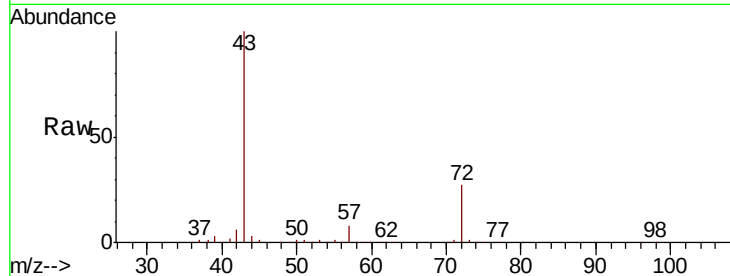
FA19-JBW7106BMS

Tot Ion: 43 Resp: 391863

Ion Ratio Lower Upper

43 100

72 26.7 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

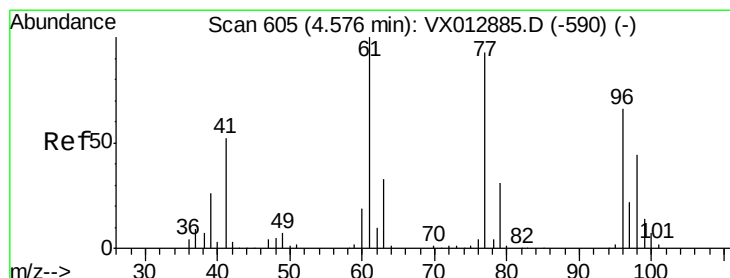
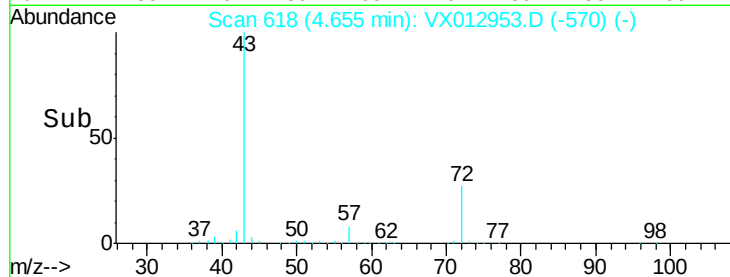
100000

50000

0

4.60 4.65 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 45.585 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX012953.D

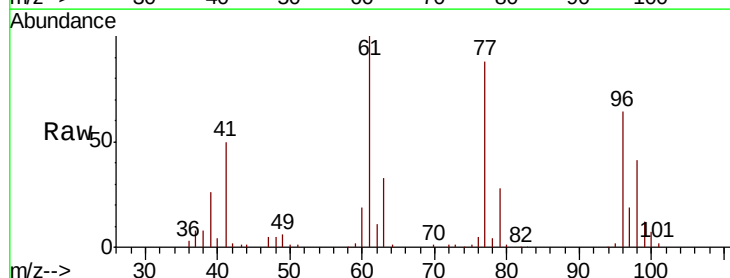
Acq: 09 Oct 2019 19:15

Tgt Ion: 77 Resp: 123254

Ion Ratio Lower Upper

77 100

97 22.9 11.3 33.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

40000

30000

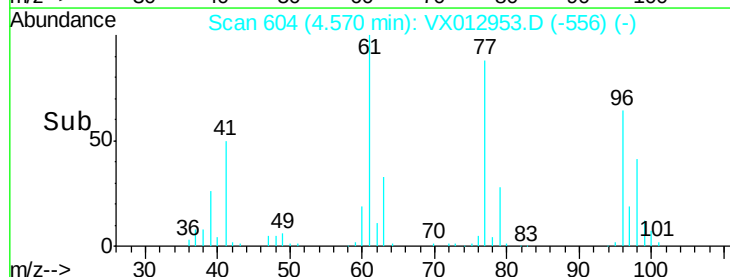
20000

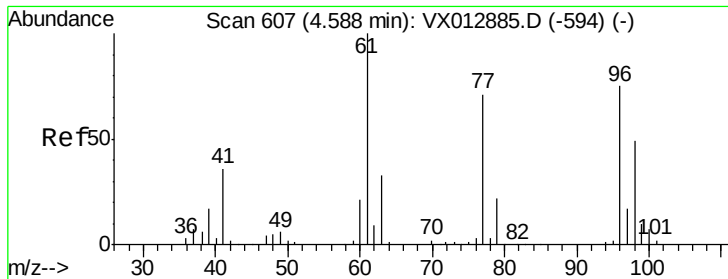
10000

0

4.40 4.50 4.60 4.70

Time-->



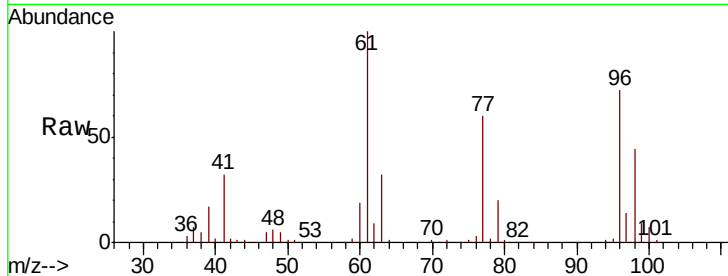


#27

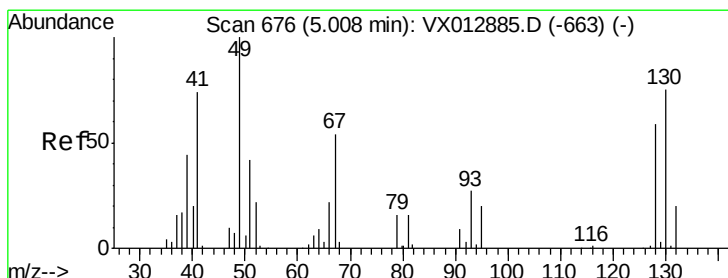
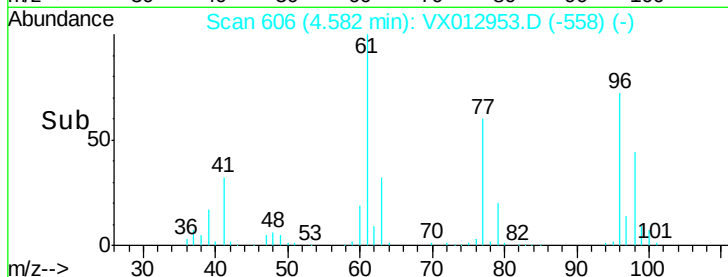
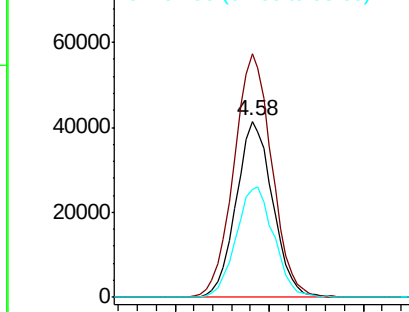
cis-1,2-Dichloroethene
Concen: 54.143 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX012953.D
Acq: 09 Oct 2019 19:15

Instrument :
MSVOA_X
ClientSampleId :
FA19-JBW7106BMS

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.9	0.0	290.6
98	64.7	0.0	128.8



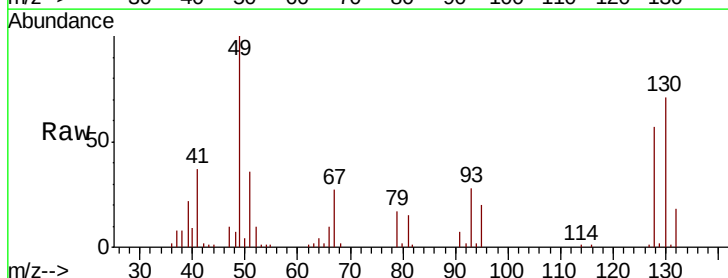
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



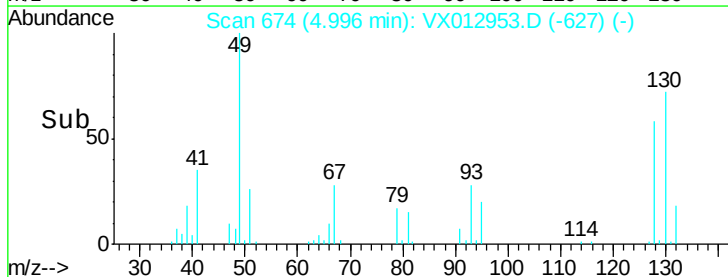
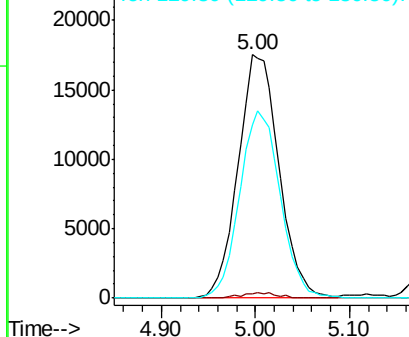
#28

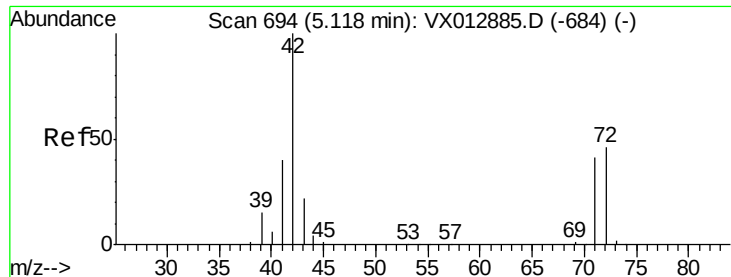
Bromochloromethane
Concen: 55.450 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX012953.D
Acq: 09 Oct 2019 19:15

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.2
130	76.7	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: 272.340 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.01 min

Lab File: VX012953.D

Acq: 09 Oct 2019 19:15

Instrument :

MSVOA_X

ClientSampleId :

FA19-JBW7106BMS

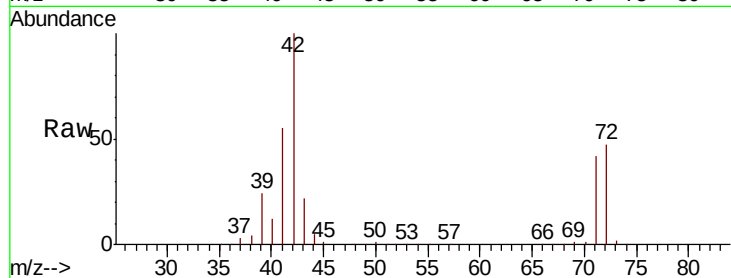
Tot Ion: 42 Resp: 253875

Ion Ratio Lower Upper

42 100

72 45.7 36.9 55.3

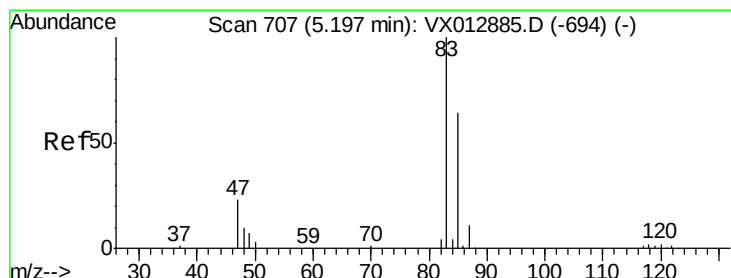
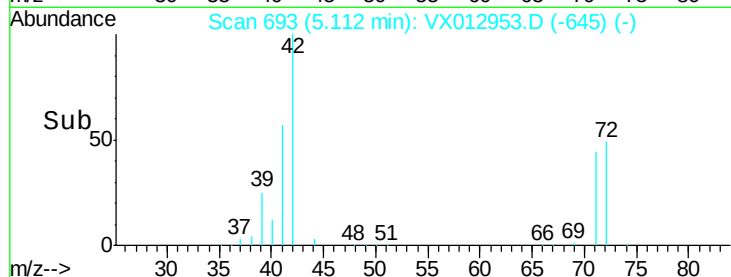
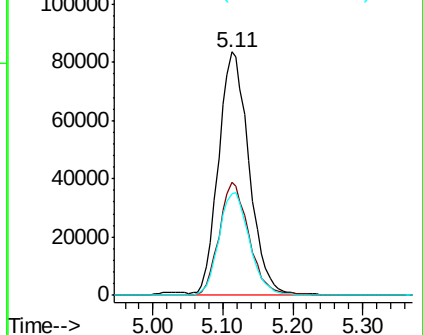
71 42.3 33.5 50.3



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: 52.837 ug/l

RT: 5.20 min Scan# 707

Delta R.T. 0.00 min

Lab File: VX012953.D

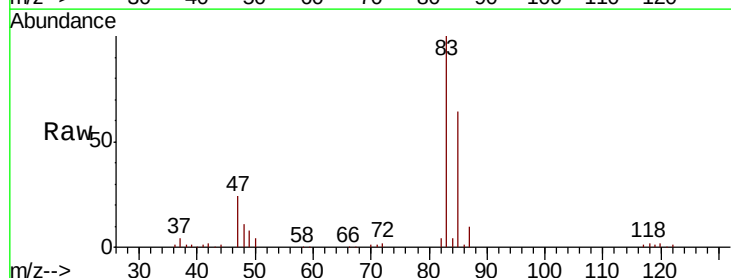
Acq: 09 Oct 2019 19:15

Tgt Ion: 83 Resp: 174323

Ion Ratio Lower Upper

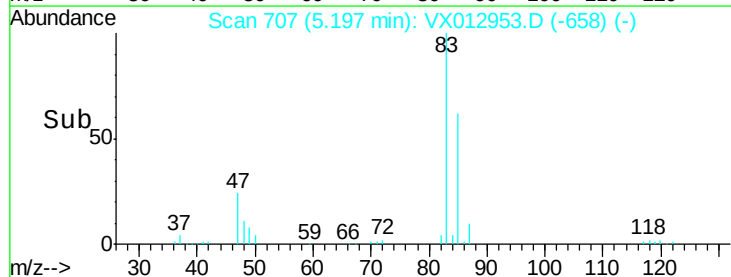
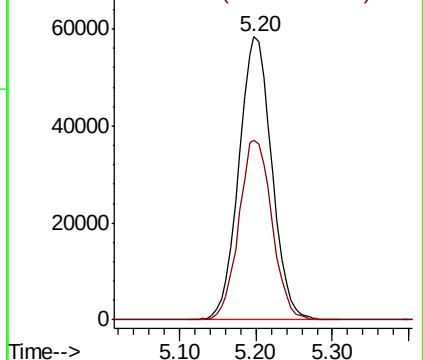
83 100

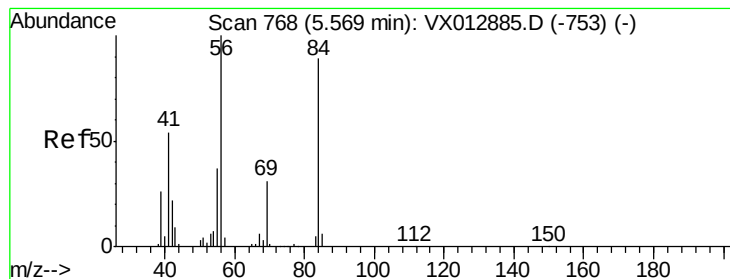
85 63.6 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 51.941 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX012953.D

Acq: 09 Oct 2019 19:15

Instrument :

MSVOA_X

ClientSampleId :

FA19-JBW7106BMS

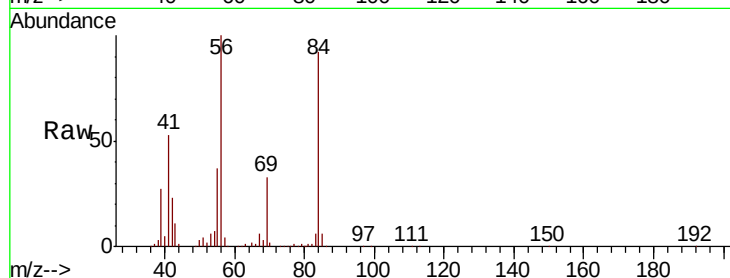
Tot Ion: 56 Resp: 156168

Ion Ratio Lower Upper

56 100

69 32.7 25.2 37.8

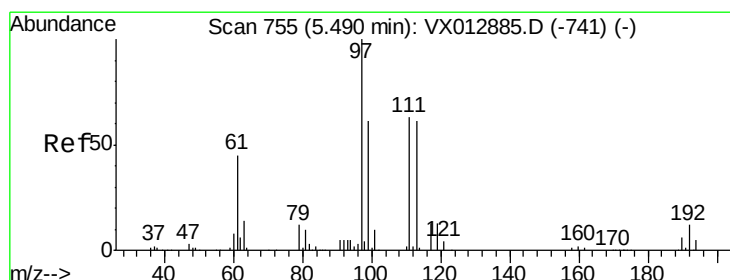
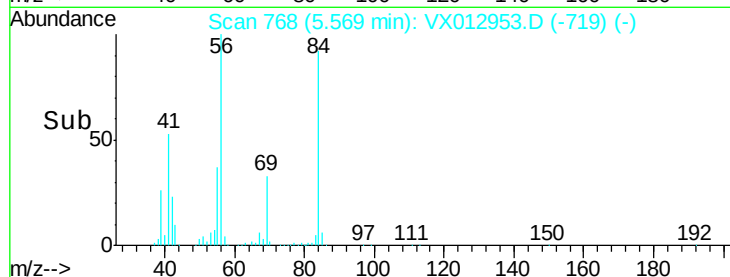
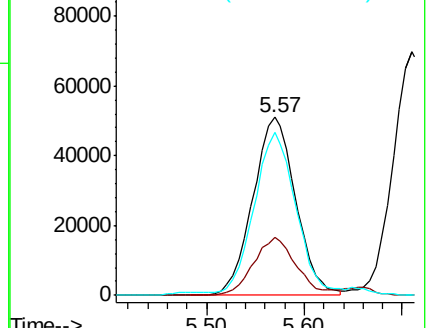
84 89.7 71.3 106.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 54.506 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX012953.D

Acq: 09 Oct 2019 19:15

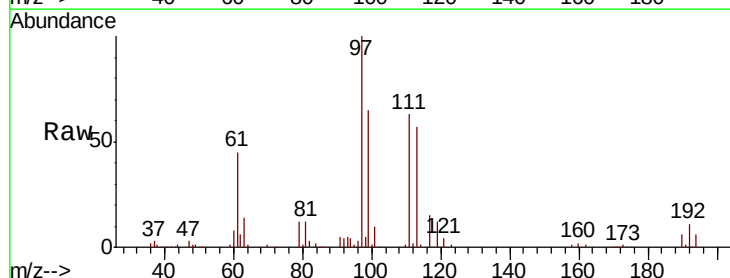
Tgt Ion: 97 Resp: 152371

Ion Ratio Lower Upper

97 100

99 64.5 52.3 78.5

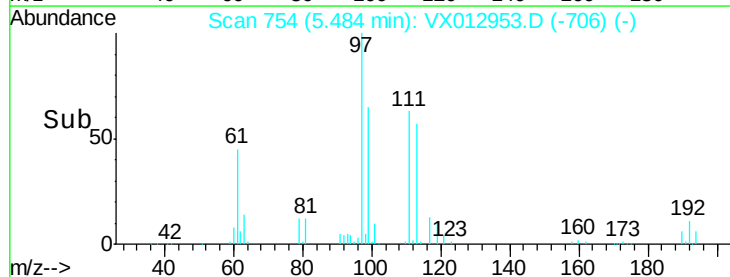
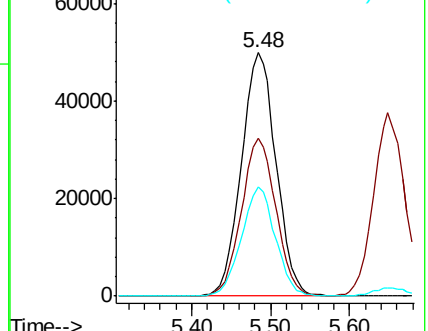
61 44.0 35.0 52.4

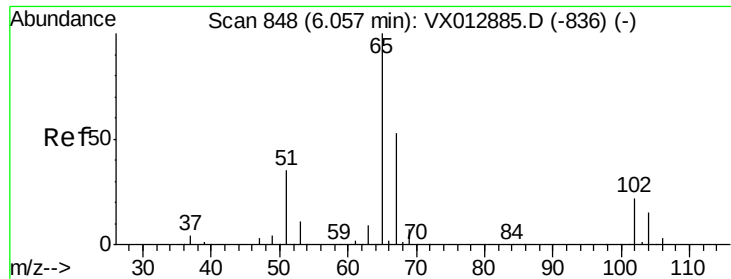


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

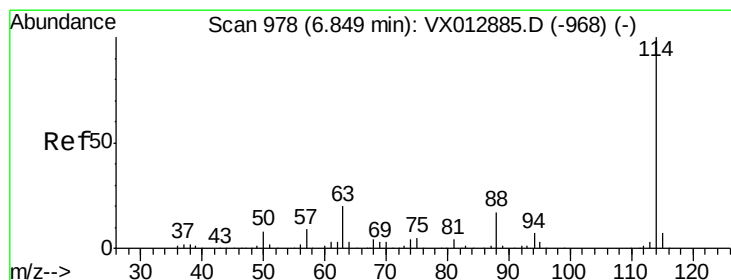
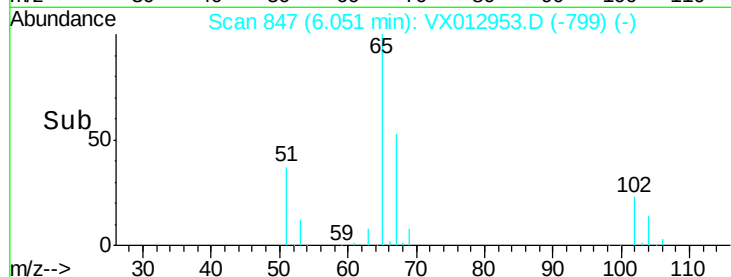
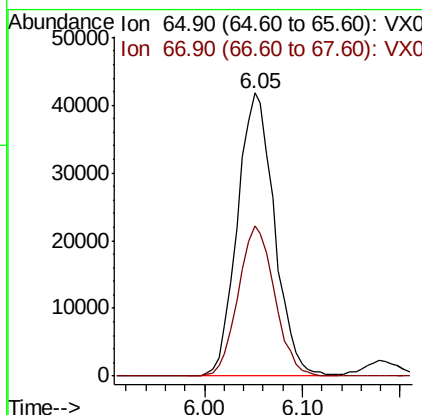
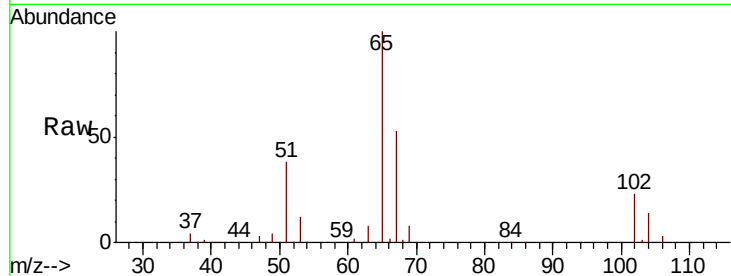




#33
 1,2-Dichloroethane-d4
 Concen: 52.997 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: VX012953.D
 Acq: 09 Oct 2019 19:15

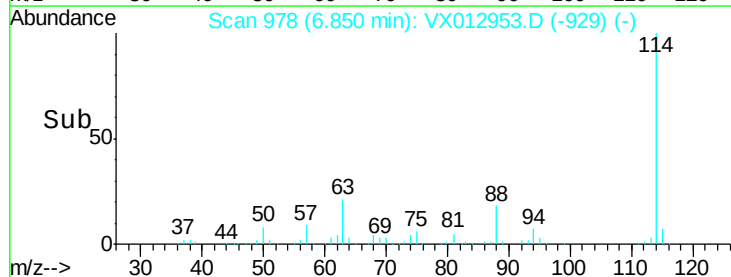
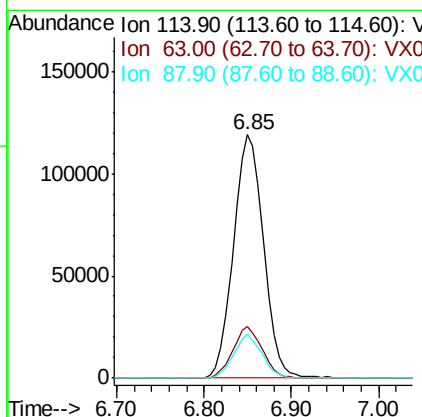
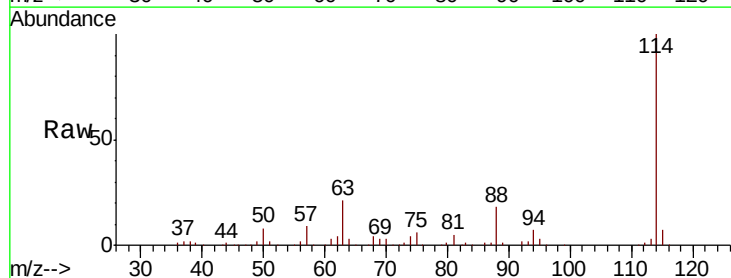
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JBW7106BMS

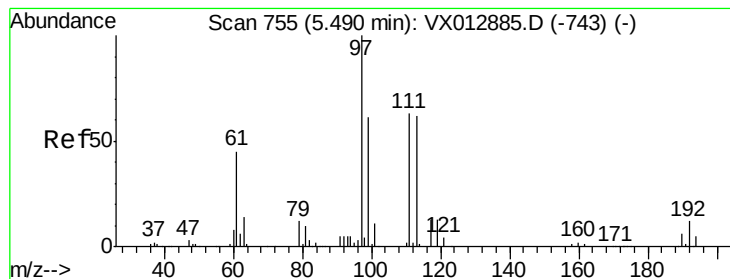
Tot Ion: 65 Resp: 109786
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012953.D
 Acq: 09 Oct 2019 19:15

Tgt Ion: 114 Resp: 284539
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 40.8
 88 18.2 0.0 33.8





#35

Dibromofluoromethane

Concen: 52.860 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012953.D

Acq: 09 Oct 2019 19:15

Instrument :

MSVOA_X

ClientSampleId :

FA19-JBW7106BMS

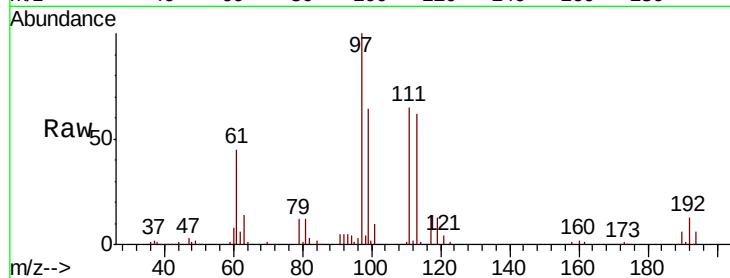
Tot Ion:113 Resp: 86326

Ion Ratio Lower Upper

113 100

111 103.3 83.2 124.8

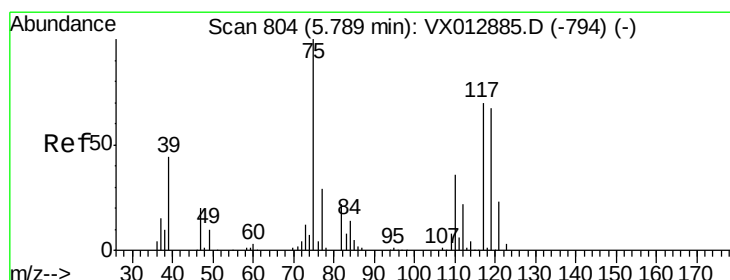
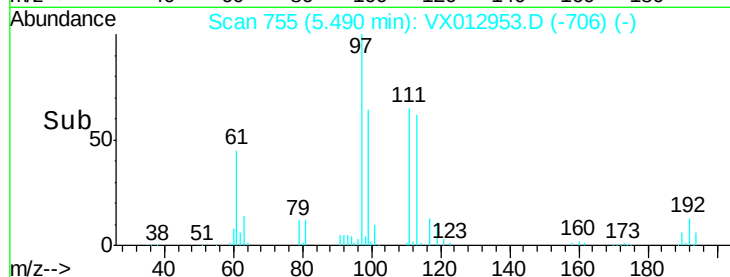
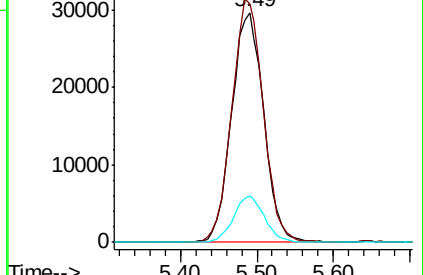
192 19.4 15.4 23.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 51.660 ug/l

RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX012953.D

Acq: 09 Oct 2019 19:15

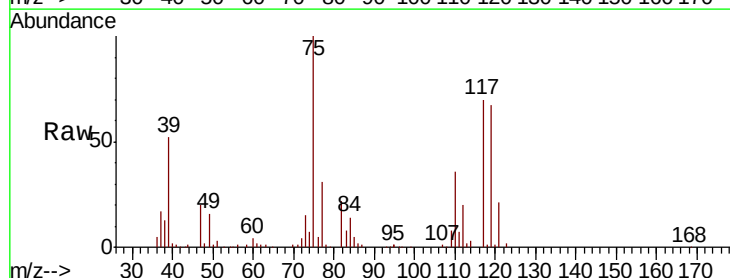
Tgt Ion: 75 Resp: 129238

Ion Ratio Lower Upper

75 100

110 35.6 17.6 52.9

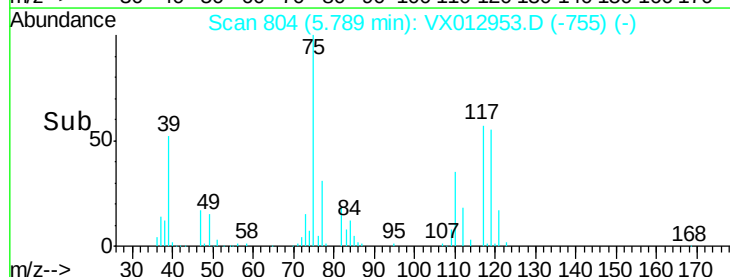
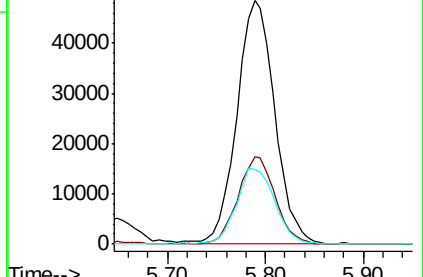
77 31.9 24.4 36.6

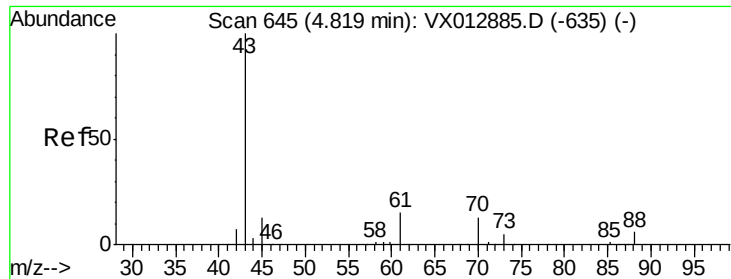


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

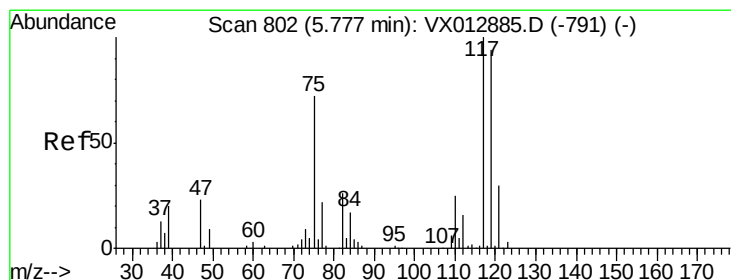
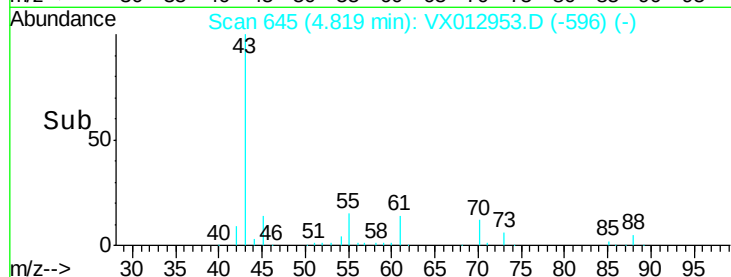
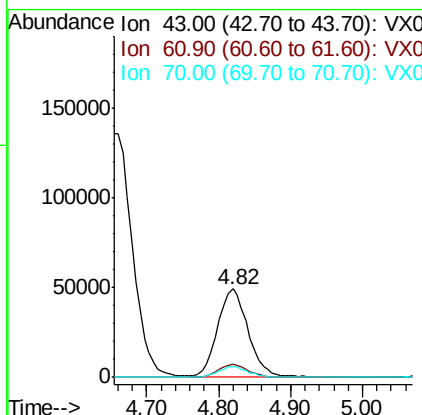
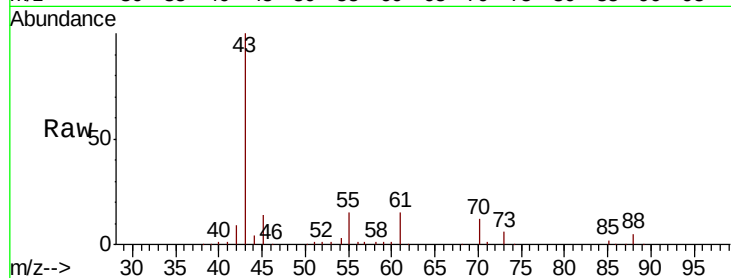




#37
Ethyl Acetate
Concen: 52.212 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX012953.D
Acq: 09 Oct 2019 19:15

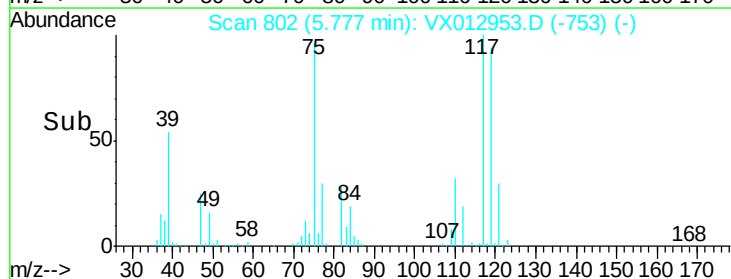
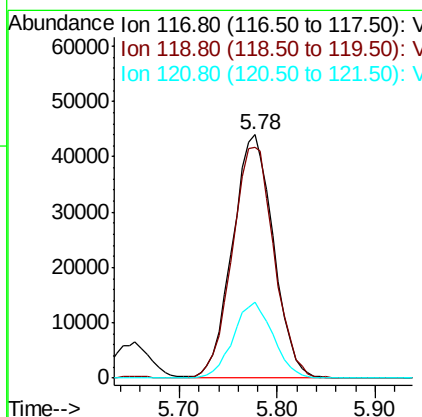
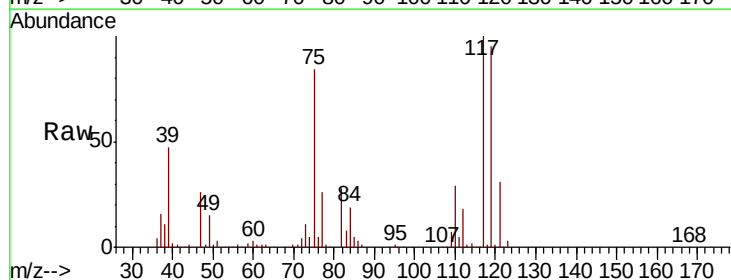
Instrument :
MSVOA_X
ClientSampleId :
FA19-JBW7106BMS

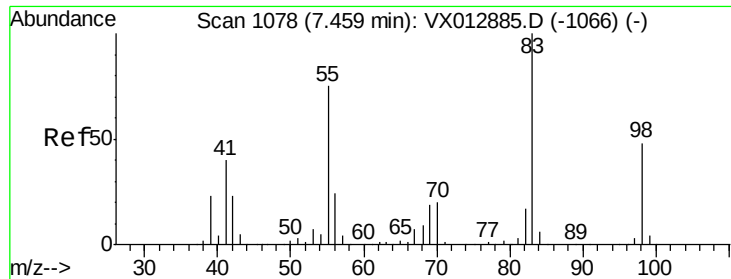
Tot Ion: 43 Resp: 146057
Ion Ratio Lower Upper
43 100
61 14.1 11.4 17.0
70 11.9 9.8 14.6



#38
Carbon Tetrachloride
Concen: 52.338 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX012953.D
Acq: 09 Oct 2019 19:15

Tgt Ion: 117 Resp: 127442
Ion Ratio Lower Upper
117 100
119 94.6 74.5 111.7
121 31.3 24.2 36.4

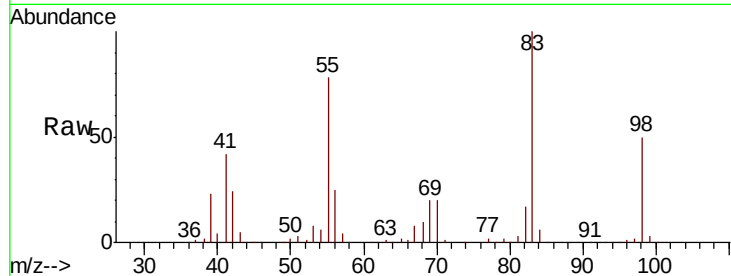




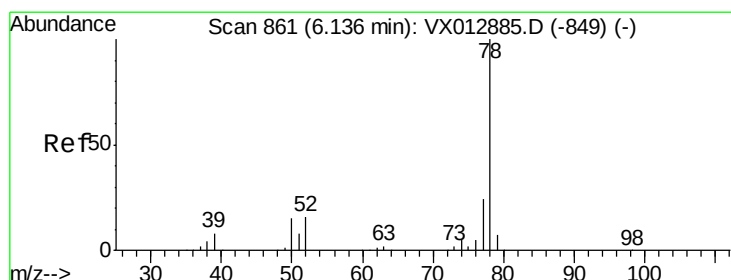
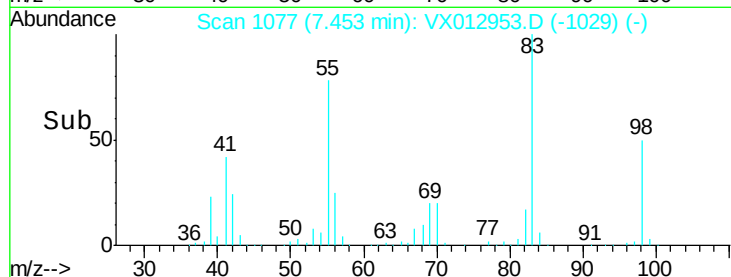
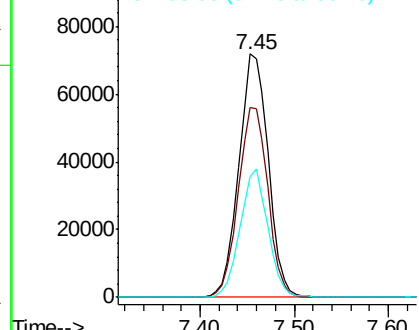
#39
Methylvlcyclohexane
Concen: 51.393 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX012953.D
Acq: 09 Oct 2019 19:15

Instrument :
MSVOA_X
ClientSampleId :
FA19-JBW7106BMS

Tot Ion: 83 Resp: 155920
Ion Ratio Lower Upper
83 100
55 78.1 60.2 90.4
98 49.7 38.5 57.7

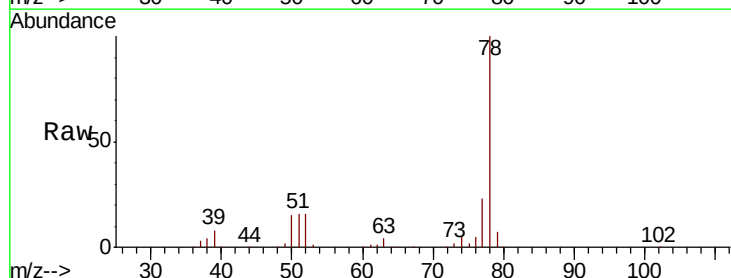


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

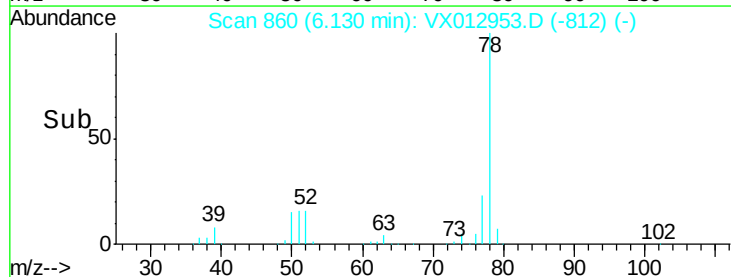
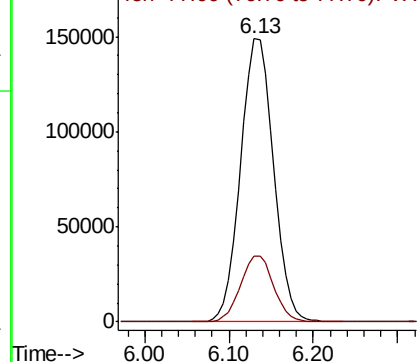


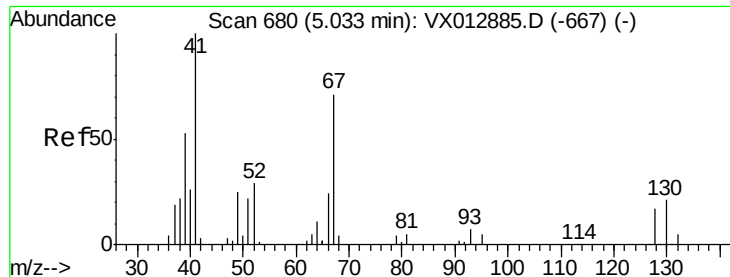
#40
Benzene
Concen: 53.372 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX012953.D
Acq: 09 Oct 2019 19:15

Tgt Ion: 78 Resp: 394353
Ion Ratio Lower Upper
78 100
77 23.0 19.0 28.4



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

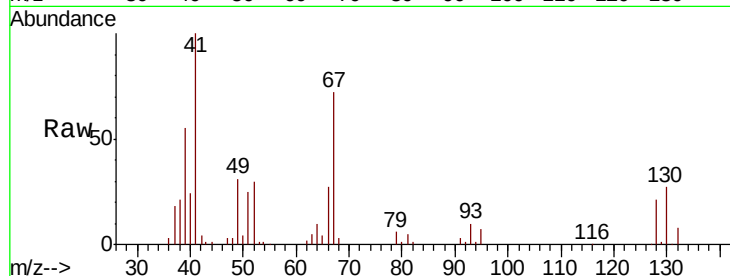




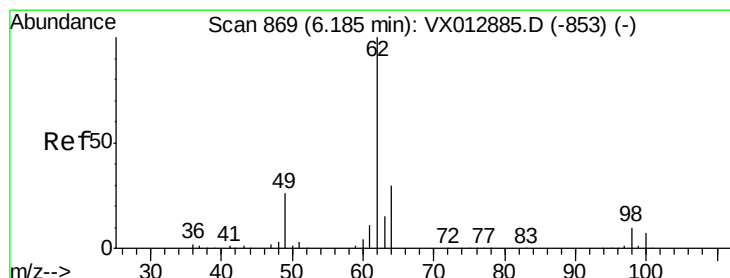
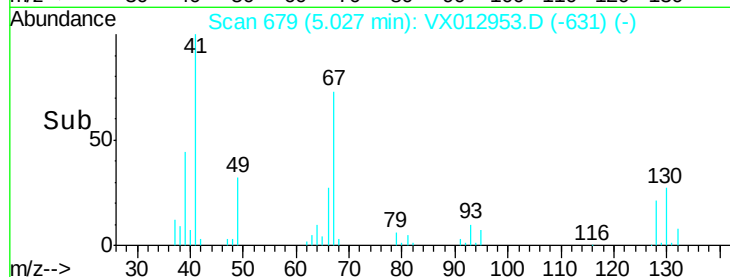
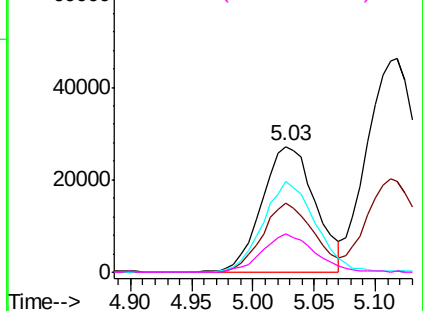
#41
Methacrylonitrile
Concen: 53.836 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX012953.D
Acq: 09 Oct 2019 19:15

Instrument :
MSVOA_X
ClientSampleId :
FA19-JBW7106BMS

Tot Ion:	41	Resp:	82752
Ion	Ratio	Lower	Upper
41	100		
39	52.8	44.0	66.0
67	71.1	58.5	87.7
52	30.2	23.8	35.8

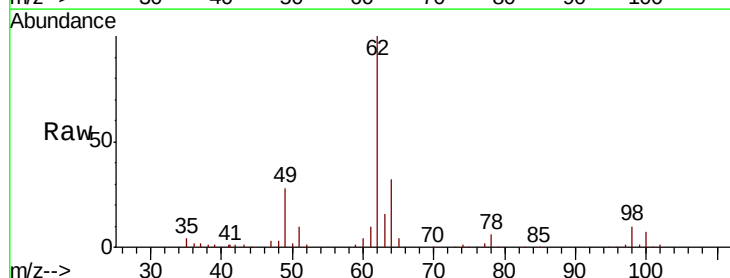


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

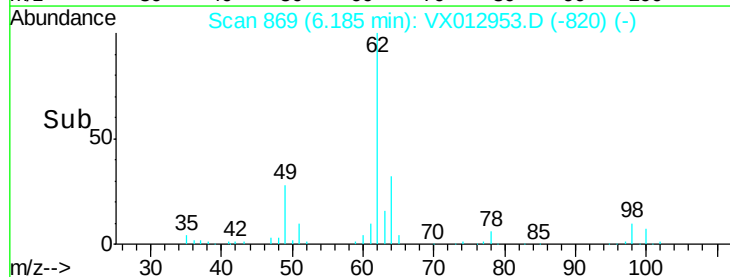
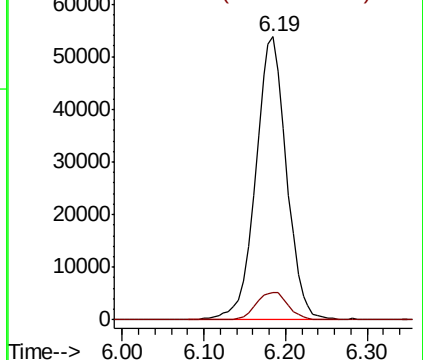


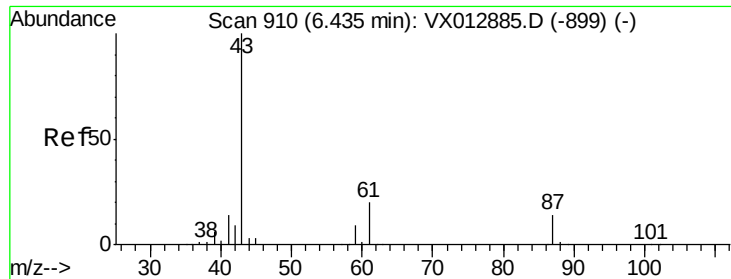
#42
1,2-Dichloroethane
Concen: 53.387 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX012953.D
Acq: 09 Oct 2019 19:15

Tgt Ion:	62	Resp:	141544
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: 51.199 ug/l

RT: 6.44 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX012953.D

Acq: 09 Oct 2019 19:15

Instrument :

MSVOA_X

ClientSampleId :

FA19-JBW7106BMS

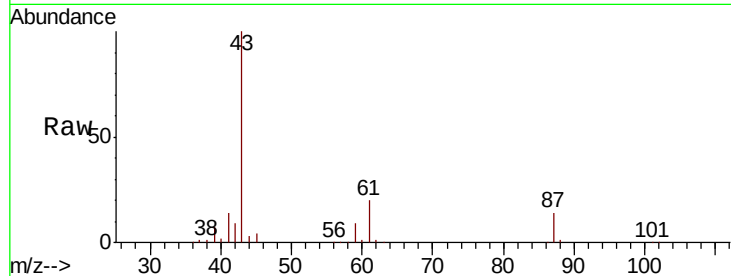
Tot Ion: 43 Resp: 229876

Ion Ratio Lower Upper

43 100

61 20.4 16.6 24.8

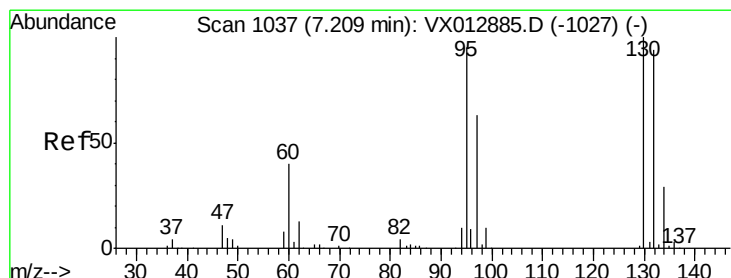
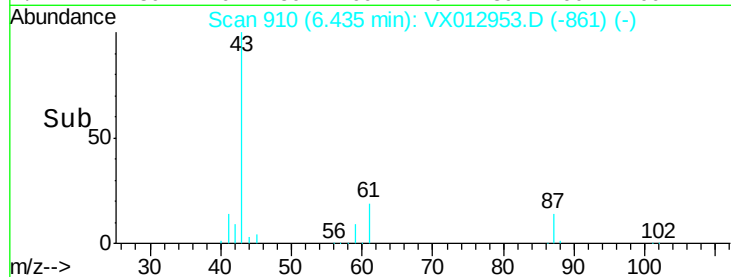
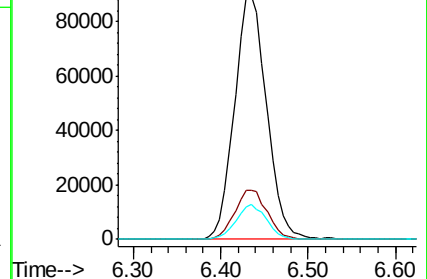
87 13.4 11.0 16.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 50.294 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX012953.D

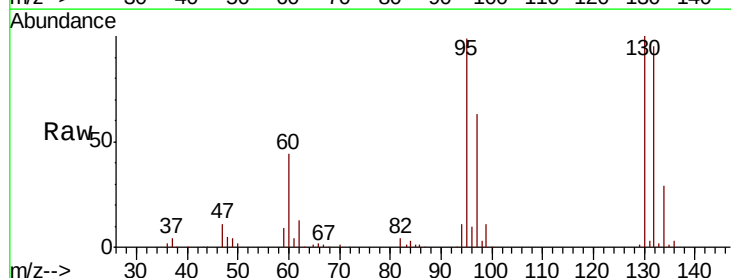
Acq: 09 Oct 2019 19:15

Tgt Ion: 130 Resp: 103048

Ion Ratio Lower Upper

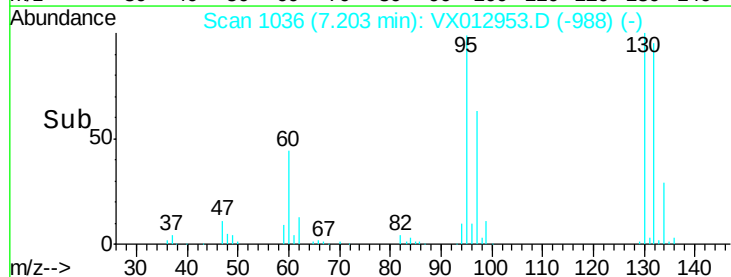
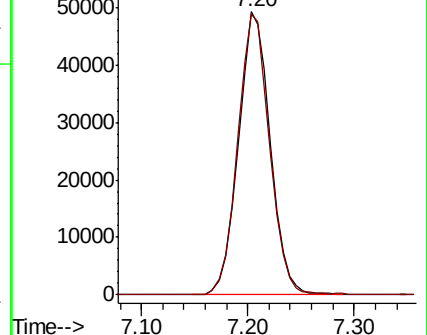
130 100

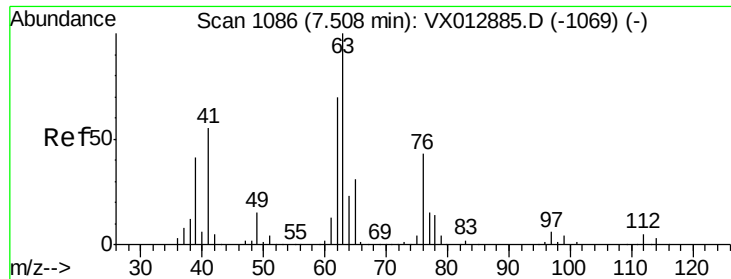
95 99.3 0.0 189.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

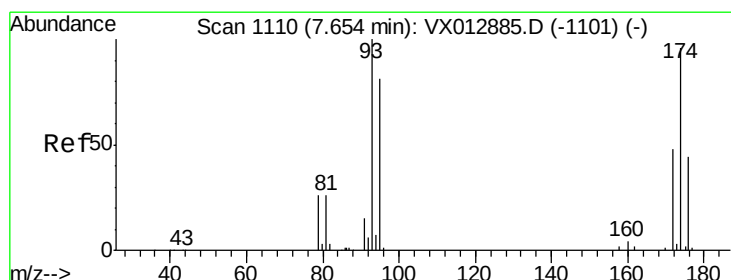
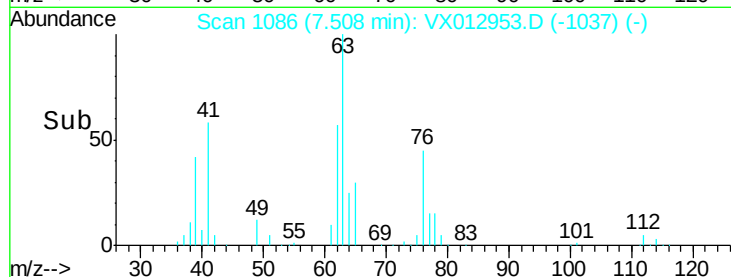
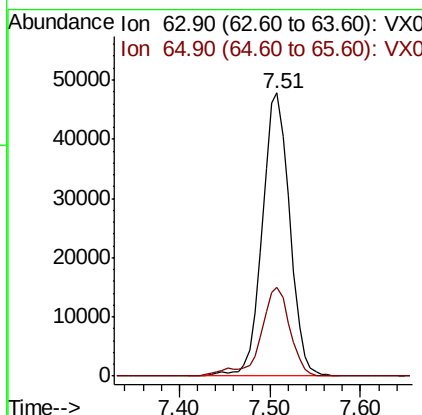
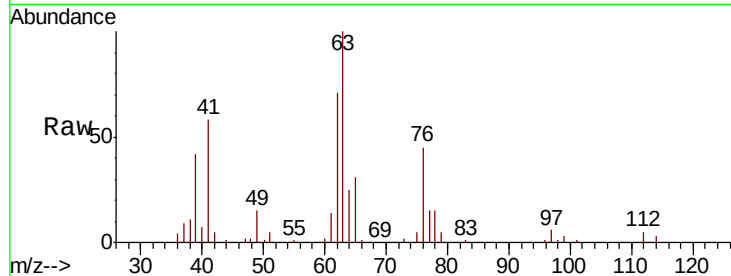




#45
 1,2-Dichloropropane
 Concen: 53.189 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX012953.D
 Acq: 09 Oct 2019 19:15

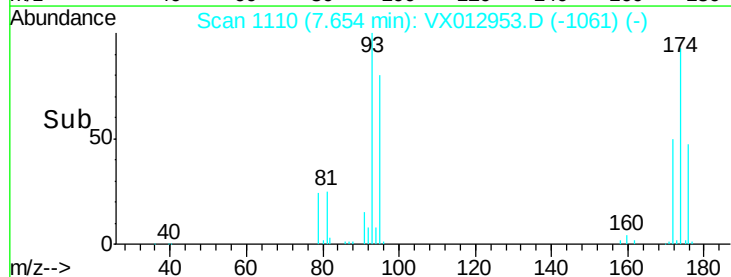
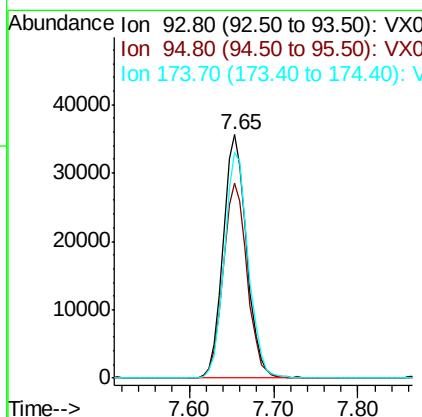
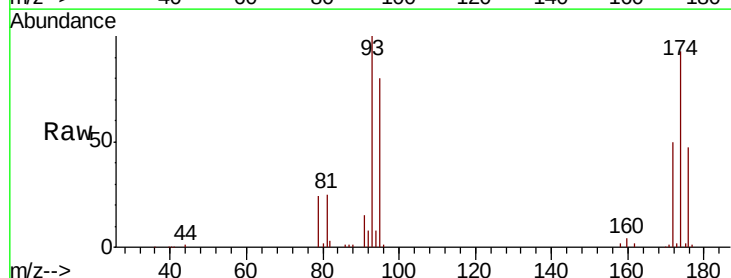
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JBW7106BMS

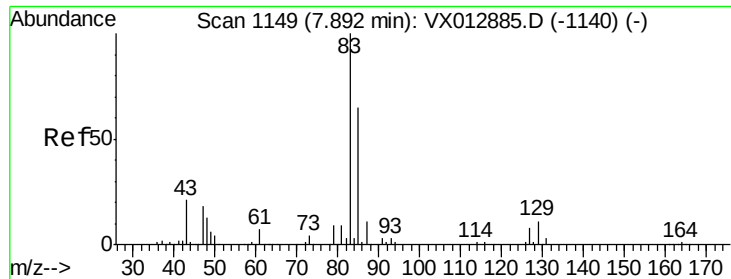
Tot Ion: 63 Resp: 100163
 Ion Ratio Lower Upper
 63 100
 65 31.2 24.6 37.0



#46
 Dibromomethane
 Concen: 54.491 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX012953.D
 Acq: 09 Oct 2019 19:15

Tgt Ion: 93 Resp: 68368
 Ion Ratio Lower Upper
 93 100
 95 82.2 66.3 99.5
 174 93.8 77.8 116.6





#47

Bromodichloromethane

Concen: 53.716 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX012953.D

Acq: 09 Oct 2019 19:15

Instrument :

MSVOA_X

ClientSampleId :

FA19-JBW7106BMS

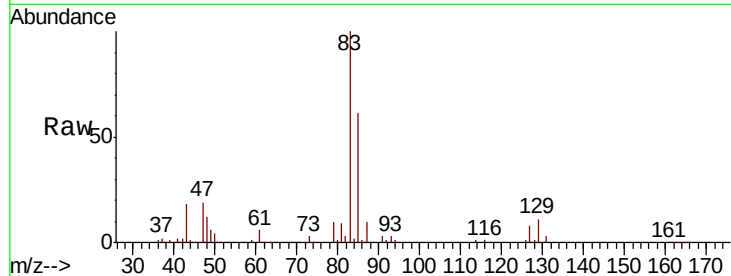
Tot Ion: 83 Resp: 131523

Ion Ratio Lower Upper

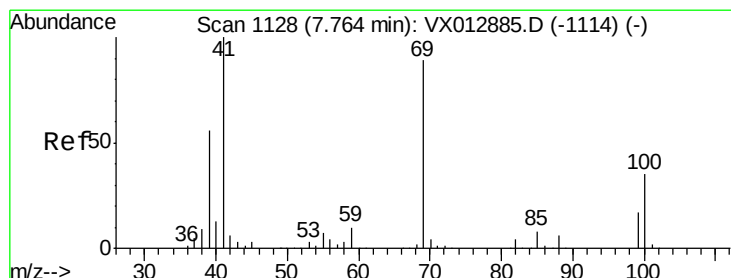
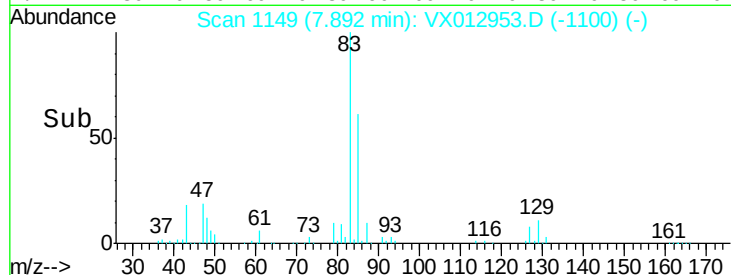
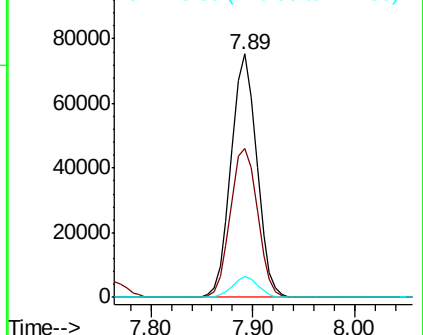
83 100

85 61.2 52.4 78.6

127 8.3 6.6 10.0



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 52.815 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX012953.D

Acq: 09 Oct 2019 19:15

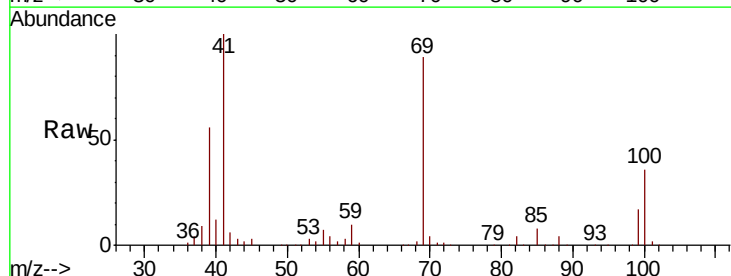
Tgt Ion: 41 Resp: 115556

Ion Ratio Lower Upper

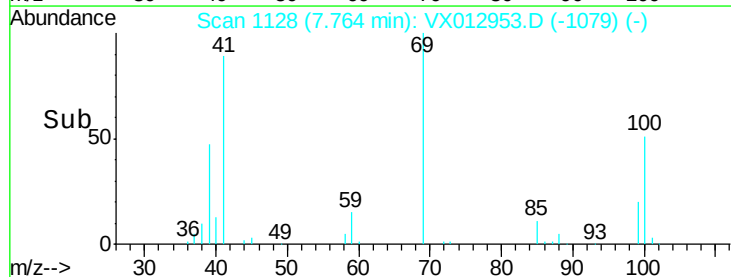
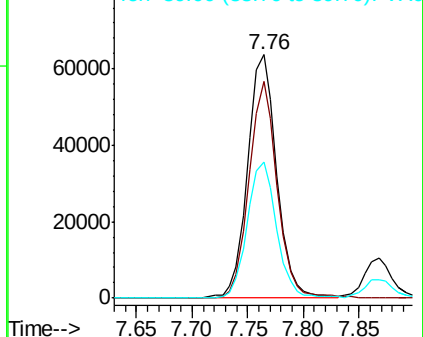
41 100

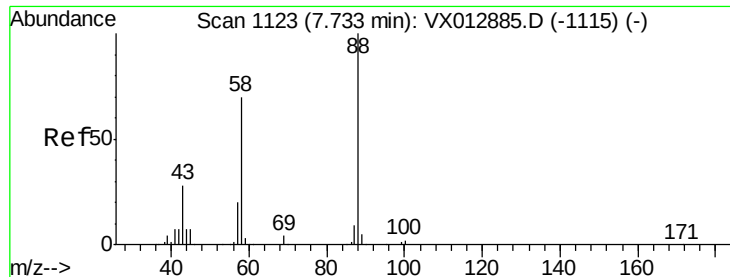
69 86.8 68.7 103.1

39 56.9 44.3 66.5



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1031.585 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX012953.D

Acq: 09 Oct 2019 19:15

Instrument :

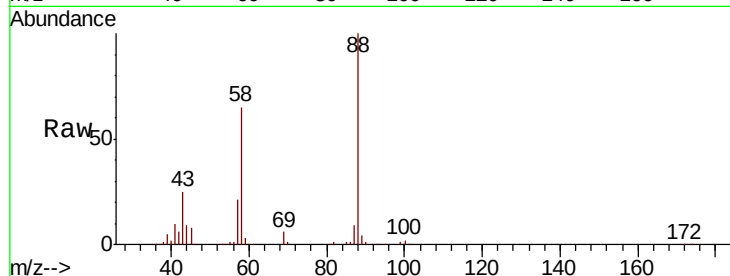
MSVOA_X

ClientSampleId :

FA19-JBW7106BMS

Tot Ion: 88 Resp: 60637

Ion	Ratio	Lower	Upper
88	100		
43	30.9	25.0	37.6
58	68.2	55.4	83.2

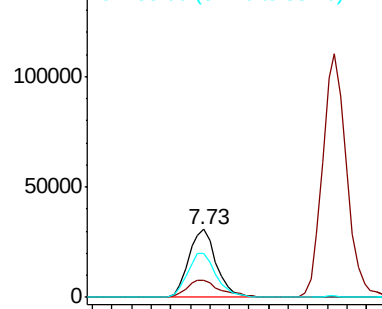


Abundance

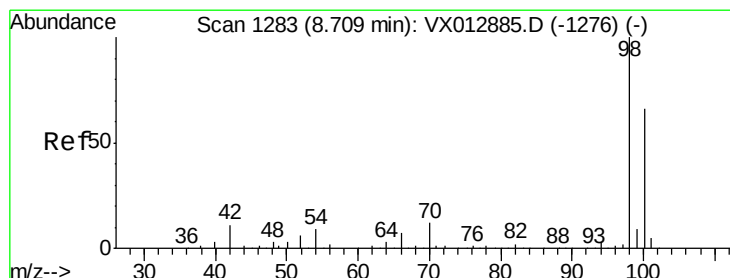
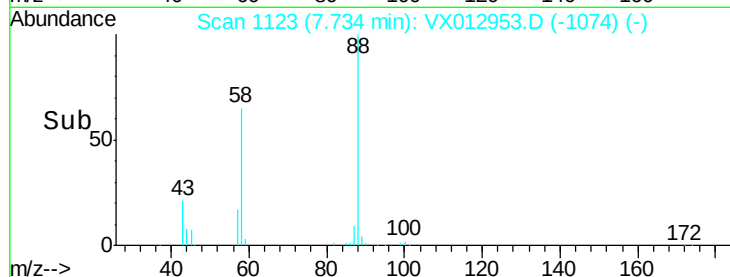
Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#50

Toluene-d8

Concen: 51.521 ug/l

RT: 8.71 min Scan# 1283

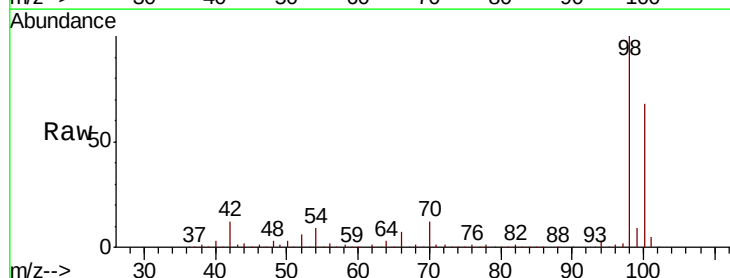
Delta R.T. 0.00 min

Lab File: VX012953.D

Acq: 09 Oct 2019 19:15

Tgt Ion: 98 Resp: 328163

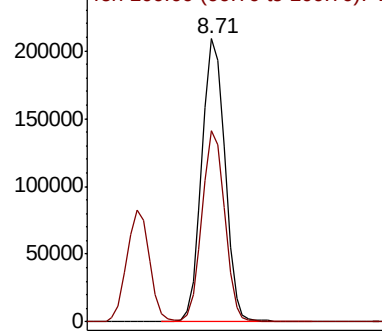
Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.4	80.2



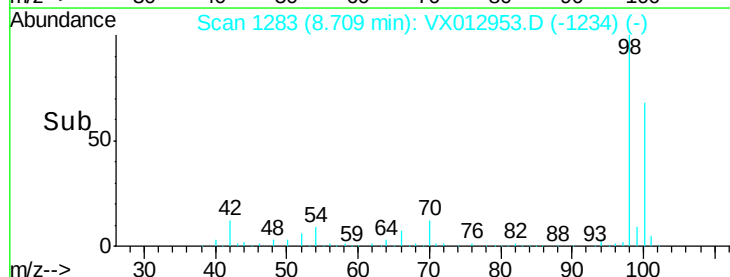
Abundance

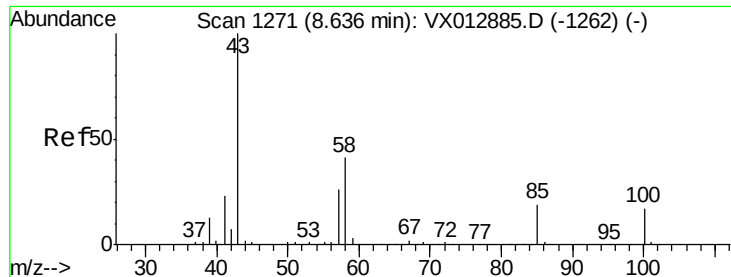
Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



Time-->





#51

4-Methyl-2-Pentanone

Concen: 269.266 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX012953.D

Acq: 09 Oct 2019 19:15

Instrument :

MSVOA_X

ClientSampleId :

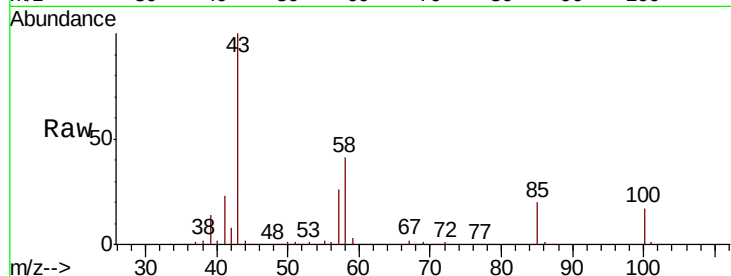
FA19-JBW7106BMS

Tot Ion: 43 Resp: 753763

Ion Ratio Lower Upper

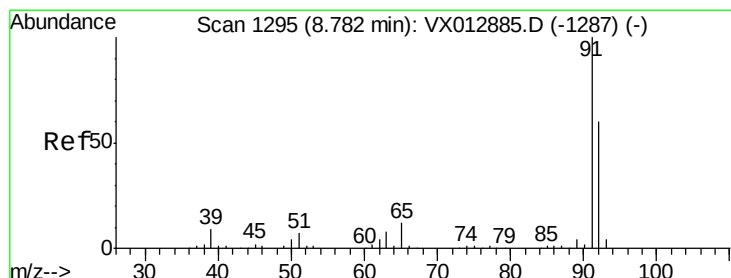
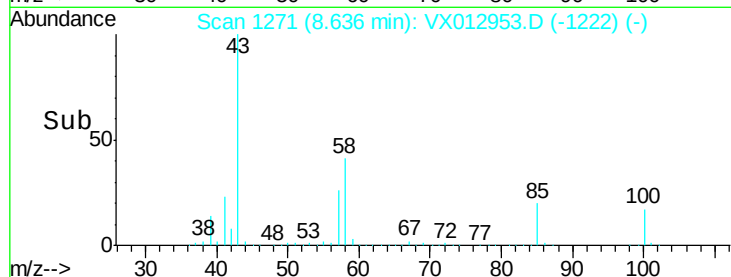
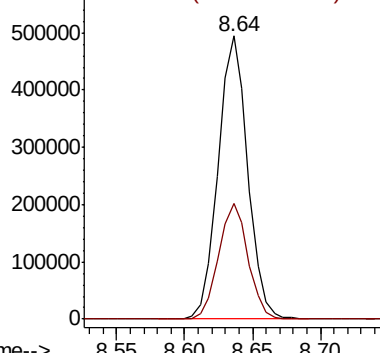
43 100

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: 52.773 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX012953.D

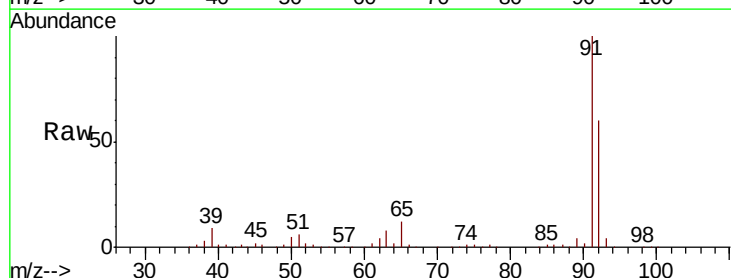
Acq: 09 Oct 2019 19:15

Tgt Ion: 92 Resp: 249459

Ion Ratio Lower Upper

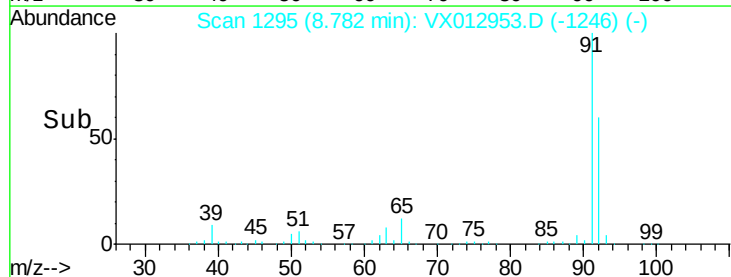
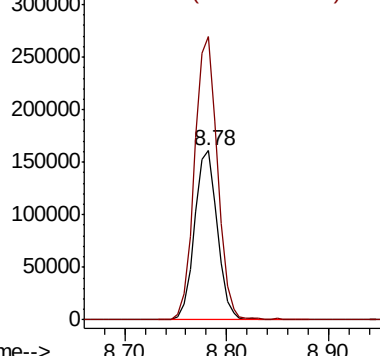
92 100

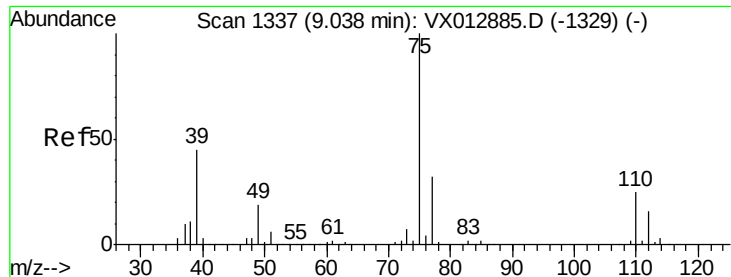
91 167.7 135.9 203.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

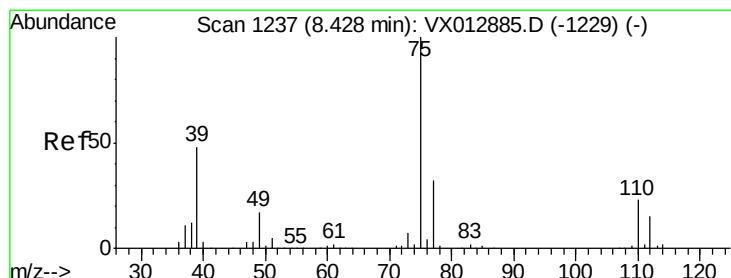
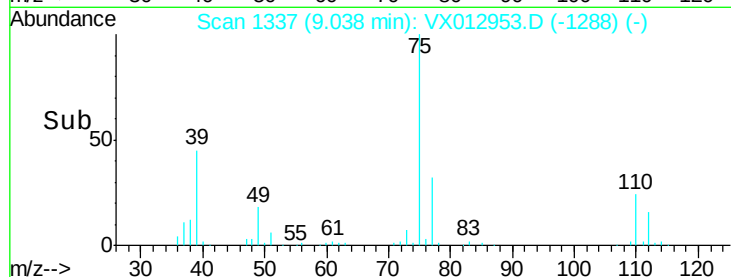
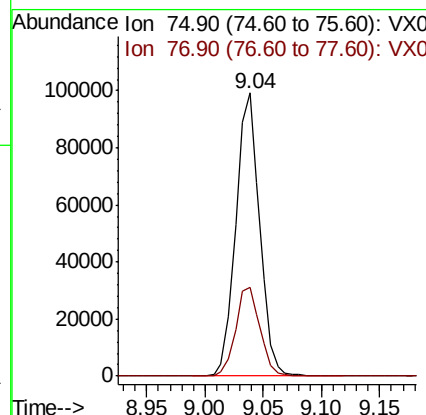
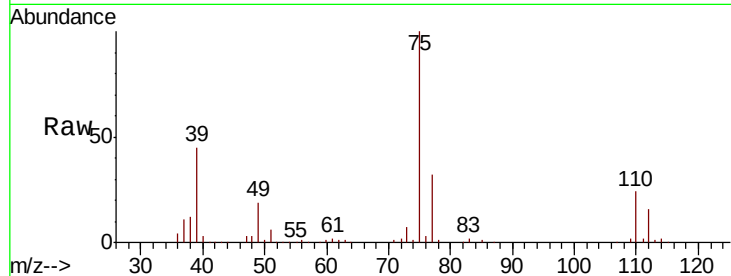




#53
 t-1,3-Dichloropropene
 Concen: 46.338 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VX012953.D
 Acq: 09 Oct 2019 19:15

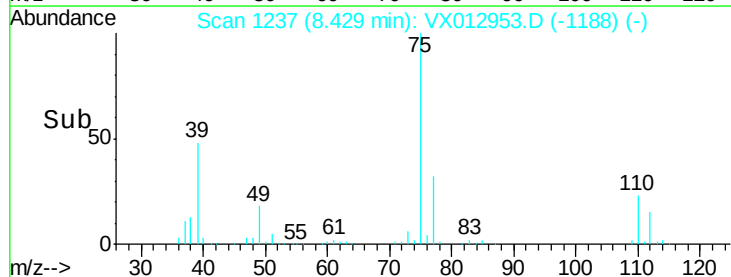
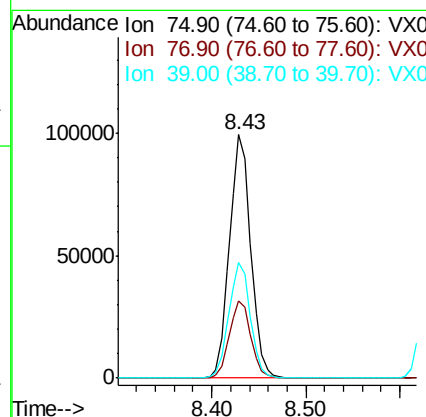
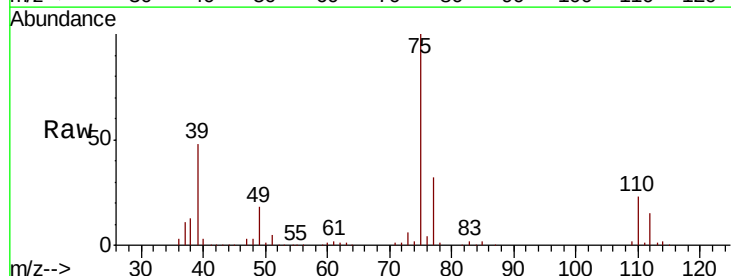
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JBW7106BMS

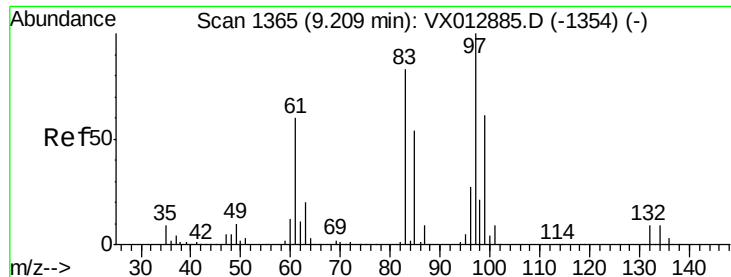
Tot Ion: 75 Resp: 141084
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.8 38.6



#54
 cis-1,3-Dichloropropene
 Concen: 51.829 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX012953.D
 Acq: 09 Oct 2019 19:15

Tgt Ion: 75 Resp: 156080
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.8 38.8
 39 47.7 38.2 57.2

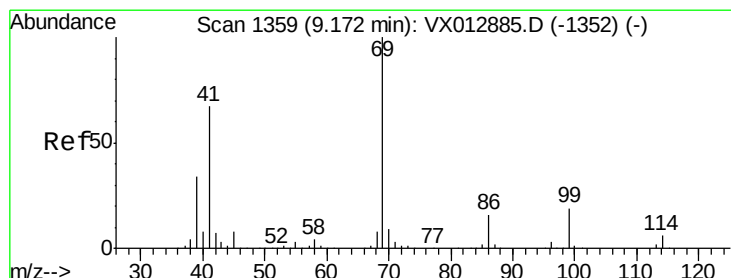
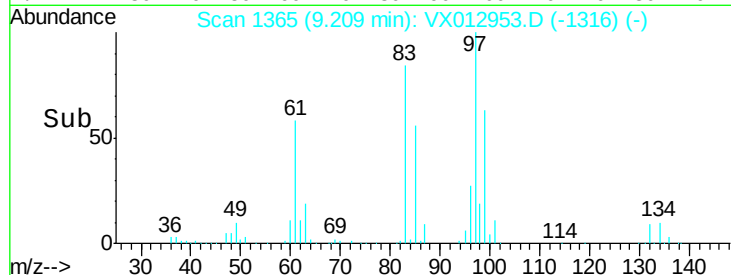
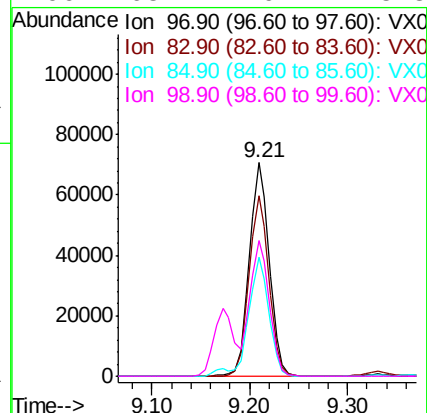
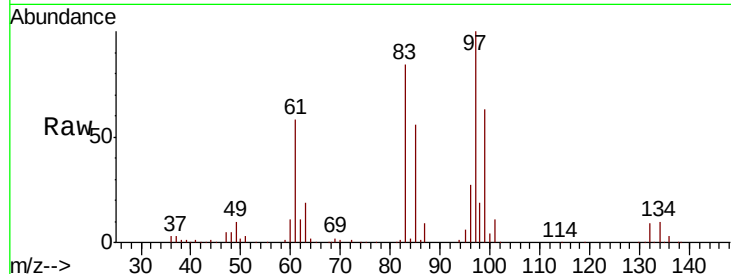




#55
 1,1,2-Trichloroethane
 Concen: 53.615 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012953.D
 Acq: 09 Oct 2019 19:15

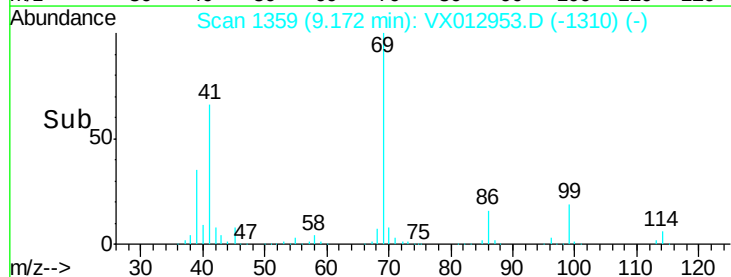
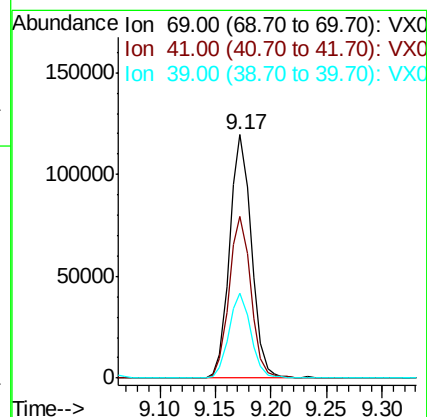
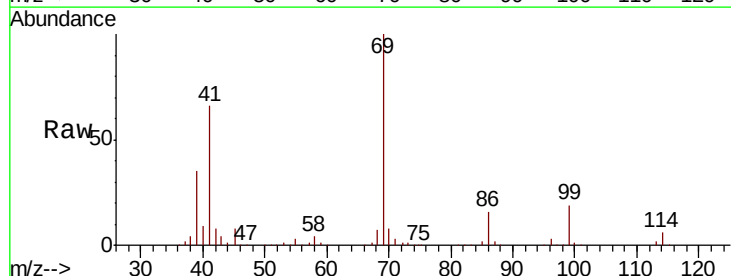
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JBW7106BMS

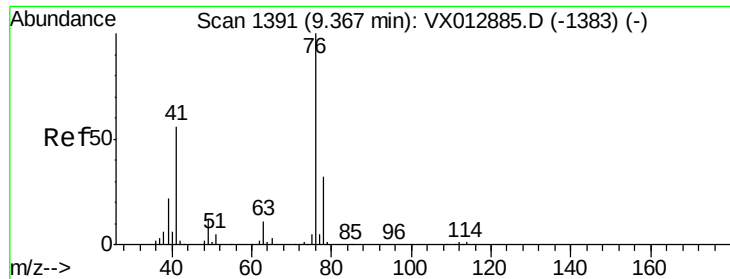
Tot Ion	Ratio	Lower	Upper
97	100		
83	84.5	66.5	99.7
85	55.7	43.1	64.7
99	63.4	49.2	73.8



#56
 Ethyl methacrylate
 Concen: 48.639 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012953.D
 Acq: 09 Oct 2019 19:15

Tgt Ion	Ratio	Lower	Upper
69	100		
41	66.7	52.1	78.1
39	35.0	27.8	41.8

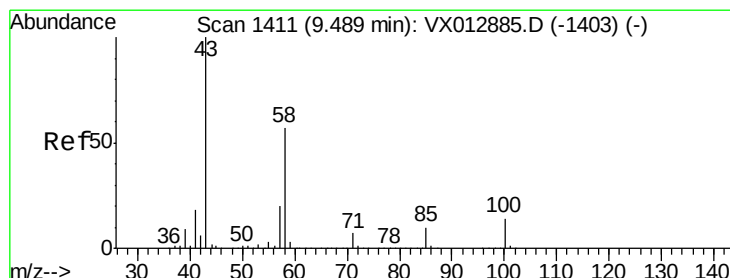
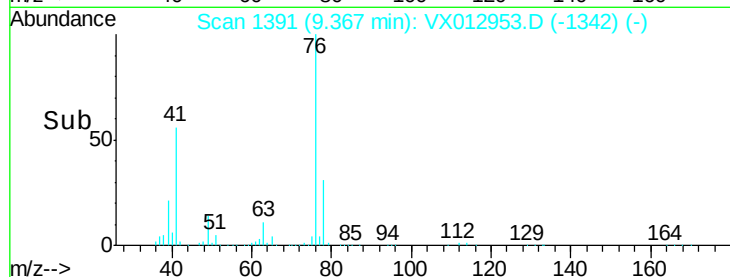
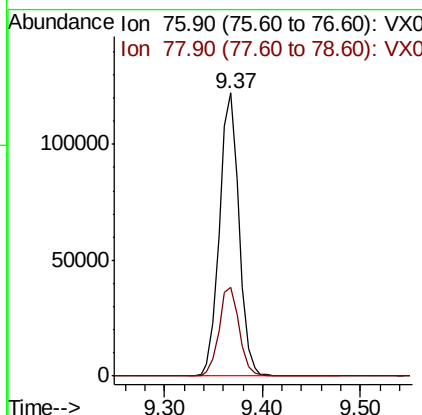
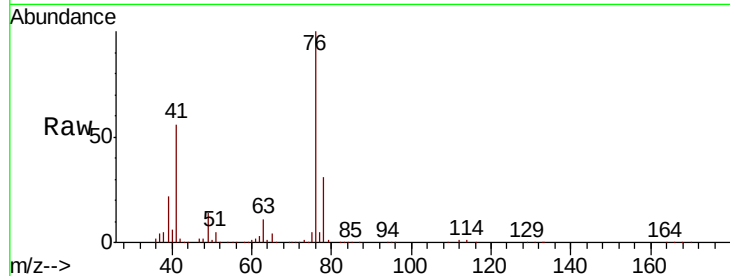




#57
 1,3-Dichloropropane
 Concen: 52.384 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX012953.D
 Acq: 09 Oct 2019 19:15

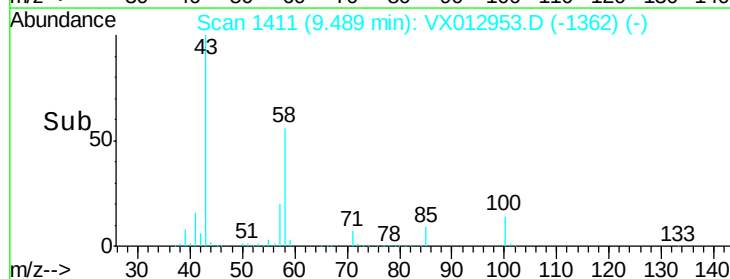
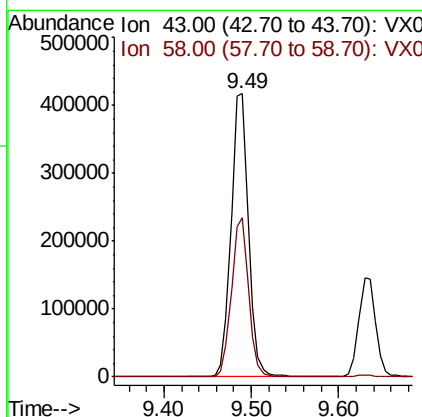
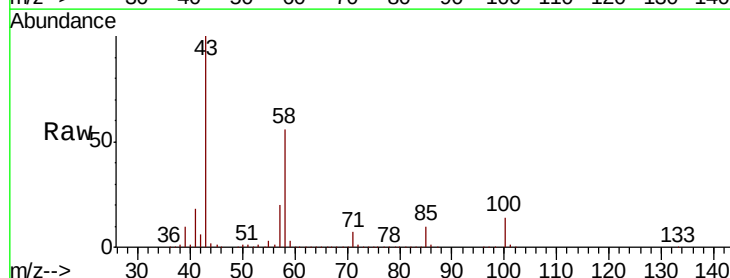
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JBW7106BMS

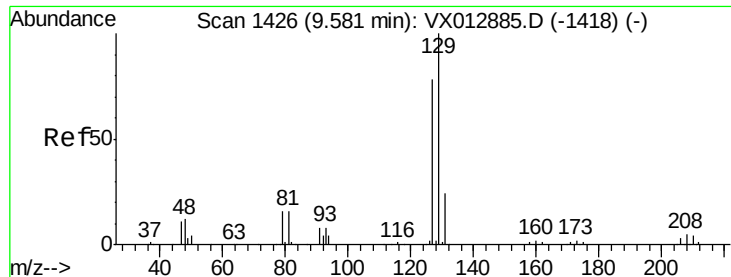
Tot Ion: 76 Resp: 169512
 Ion Ratio Lower Upper
 76 100
 78 32.4 26.1 39.1



#59
 2-Hexanone
 Concen: 268.649 ug/l
 RT: 9.49 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX012953.D
 Acq: 09 Oct 2019 19:15

Tgt Ion: 43 Resp: 585412
 Ion Ratio Lower Upper
 43 100
 58 55.3 28.1 84.3





#60

Dibromochloromethane

Concen: 48.624 ug/l

RT: 9.58 min Scan# 1426

Delta R.T. 0.00 min

Lab File: VX012953.D

Acq: 09 Oct 2019 19:15

Instrument :

MSVOA_X

ClientSampleId :

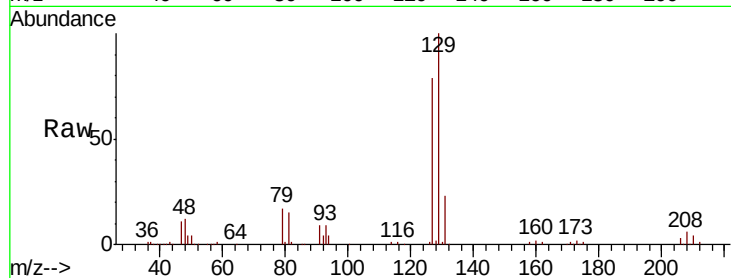
FA19-JBW7106BMS

Tot Ion:129 Resp: 101112

Ion Ratio Lower Upper

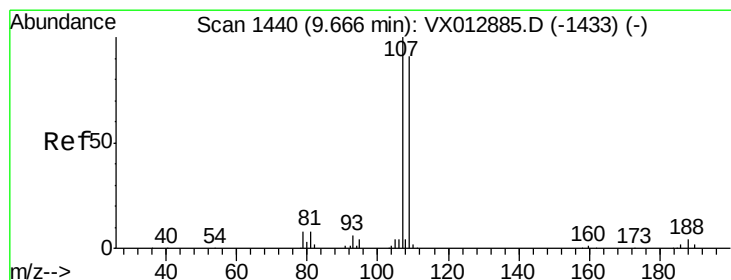
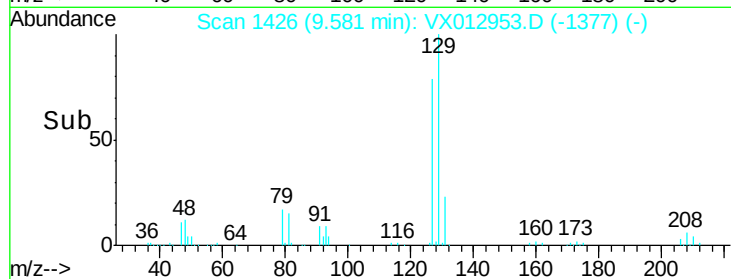
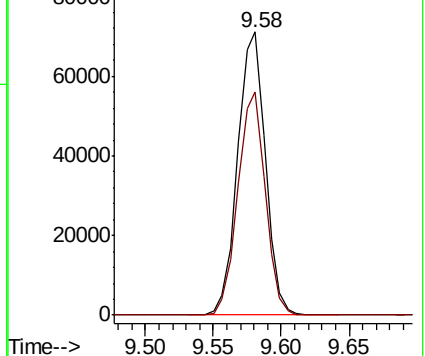
129 100

127 78.2 38.9 116.7



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 53.708 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012953.D

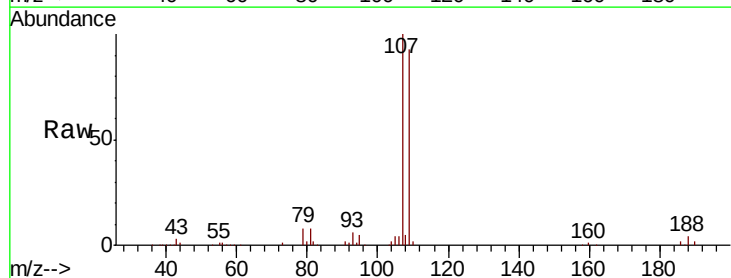
Acq: 09 Oct 2019 19:15

Tgt Ion:107 Resp: 105691

Ion Ratio Lower Upper

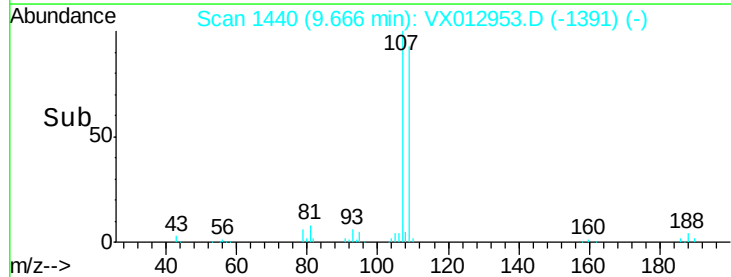
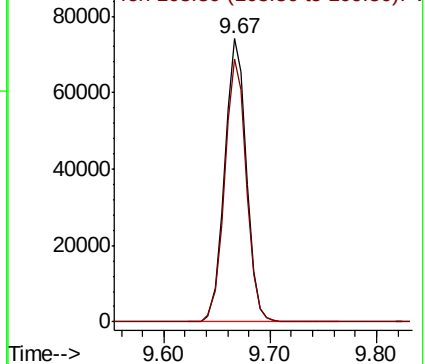
107 100

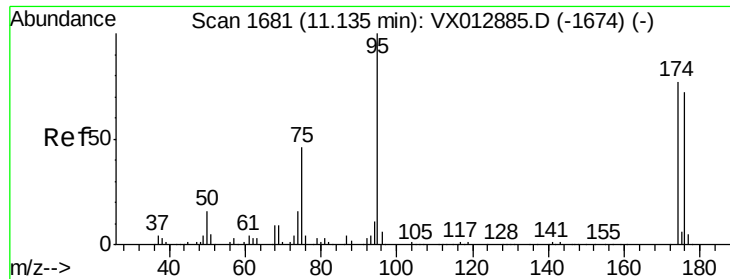
109 93.0 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 51.354 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX012953.D

Acq: 09 Oct 2019 19:15

Instrument :

MSVOA_X

ClientSampleId :

FA19-JBW7106BMS

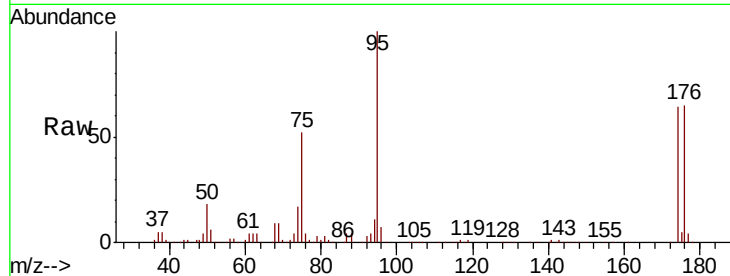
Tot Ion: 95 Resp: 127098

Ion Ratio Lower Upper

95 100

174 70.9 0.0 143.4

176 70.0 0.0 136.0



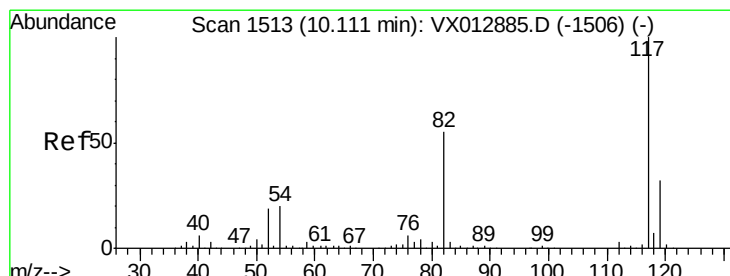
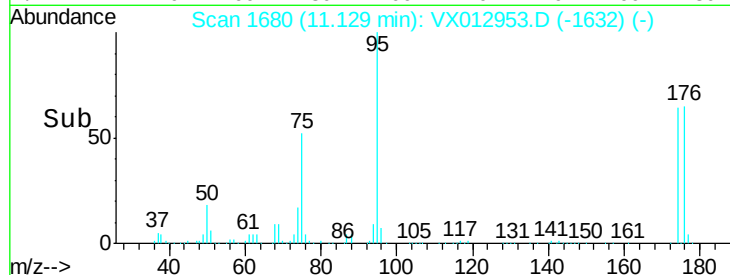
Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.13

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX012953.D

Acq: 09 Oct 2019 19:15

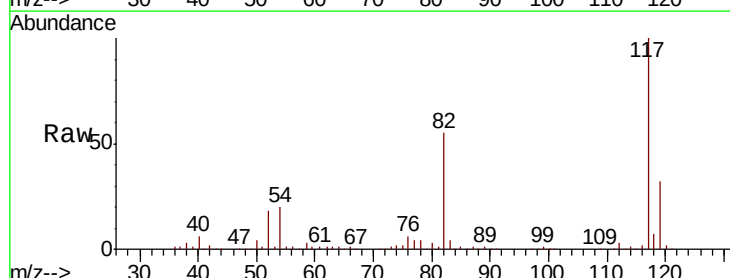
Tgt Ion: 117 Resp: 256646

Ion Ratio Lower Upper

117 100

82 55.3 44.1 66.1

119 32.5 25.8 38.8



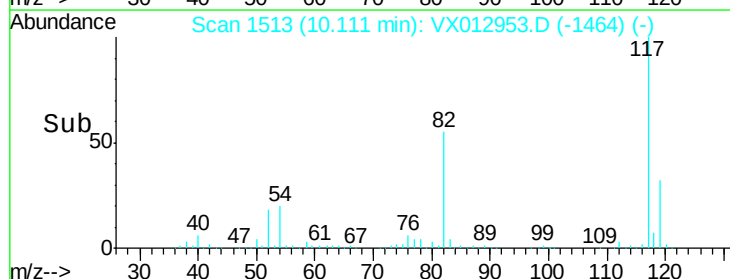
Abundance Ion 116.90 (116.60 to 117.60): V

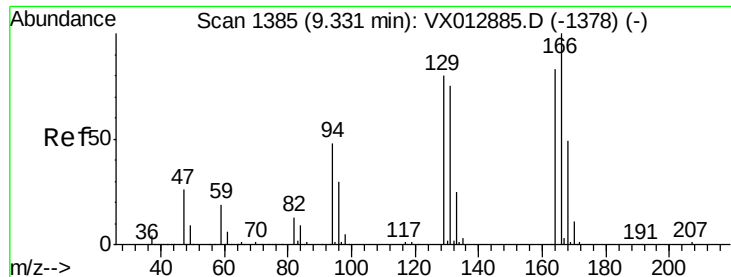
Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

10.11

Time-->

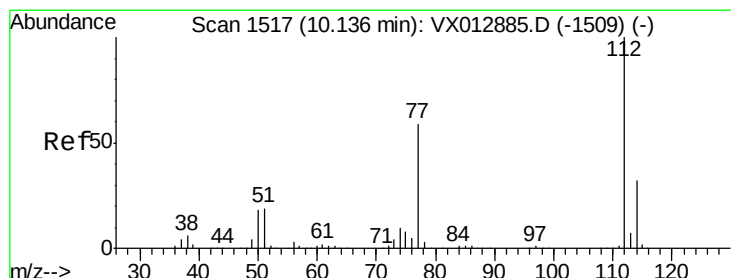
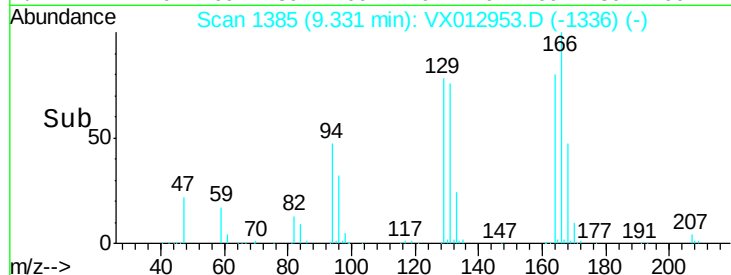
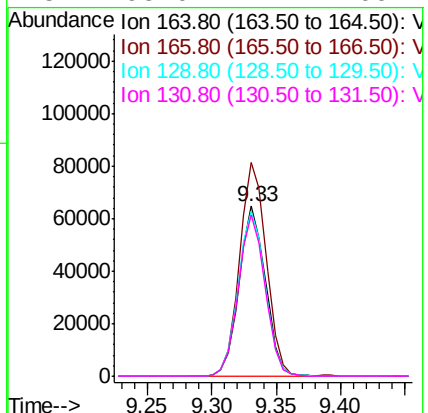
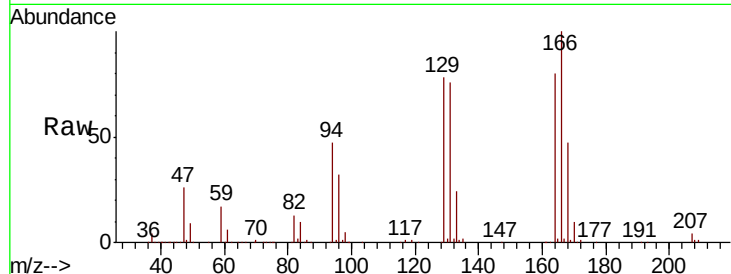




#64
Tetrachloroethene
Concen: 51.463 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012953.D
Acq: 09 Oct 2019 19:15

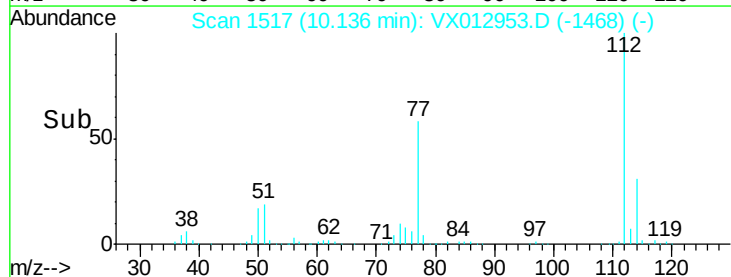
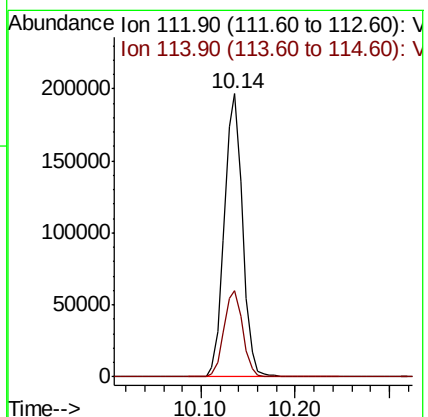
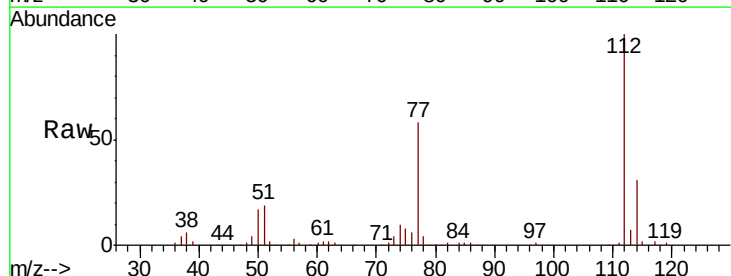
Instrument :
MSVOA_X
ClientSampleId :
FA19-JBW7106BMS

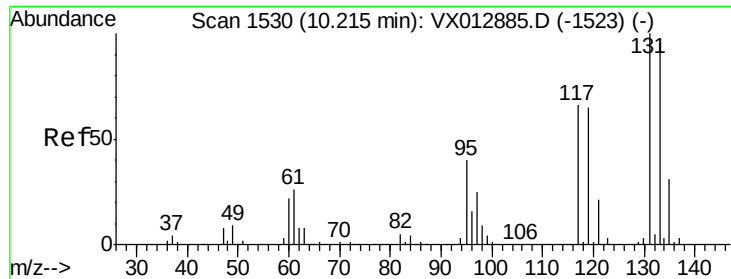
Tot Ion:164 Resp: 91609
Ion Ratio Lower Upper
164 100
166 125.5 96.9 145.3
129 97.4 77.9 116.9
131 95.0 72.7 109.1



#65
Chlorobenzene
Concen: 51.743 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX012953.D
Acq: 09 Oct 2019 19:15

Tgt Ion:112 Resp: 263713
Ion Ratio Lower Upper
112 100
114 30.7 25.7 38.5

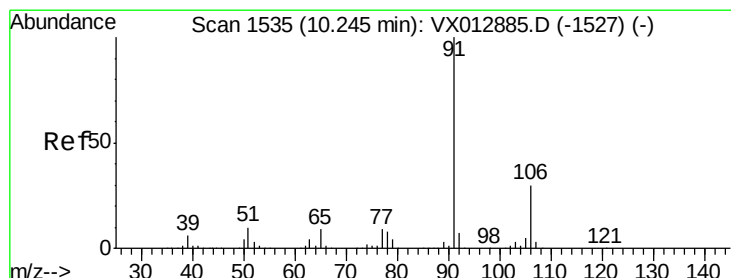
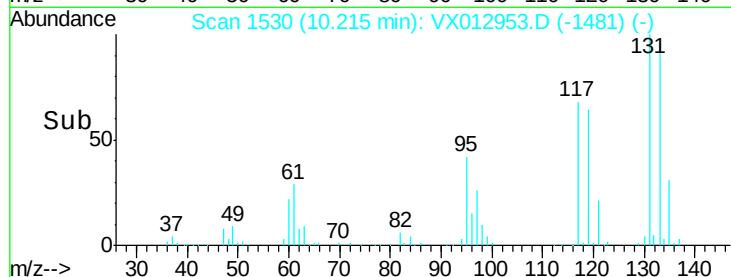
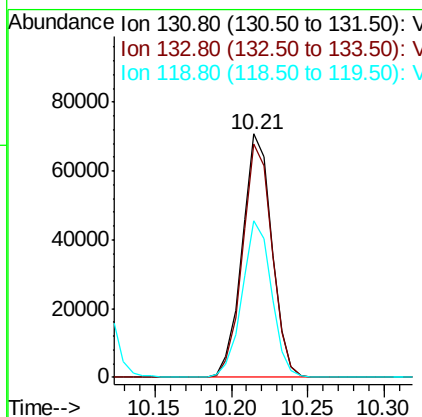
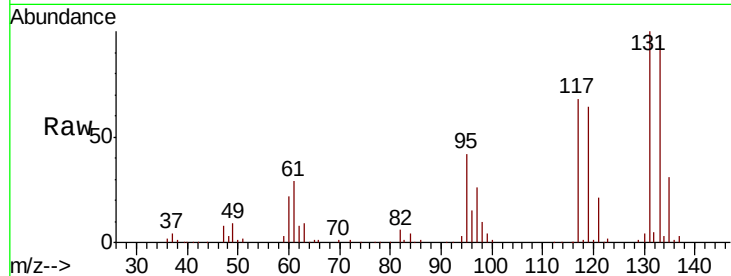




#66
 1,1,1,2-Tetrachloroethane
 Concen: 53.731 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VX012953.D
 Acq: 09 Oct 2019 19:15

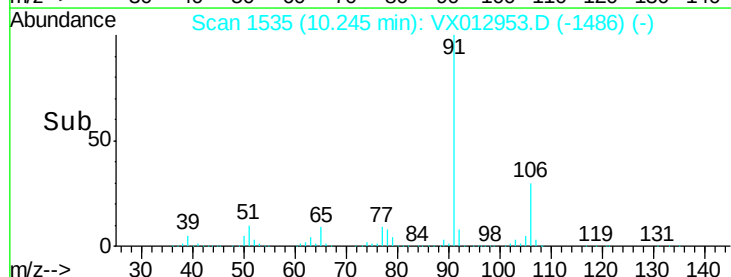
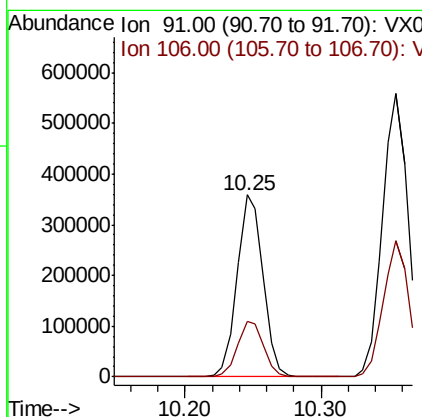
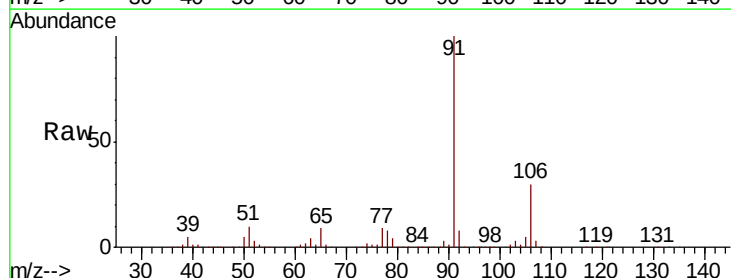
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JBW7106BMS

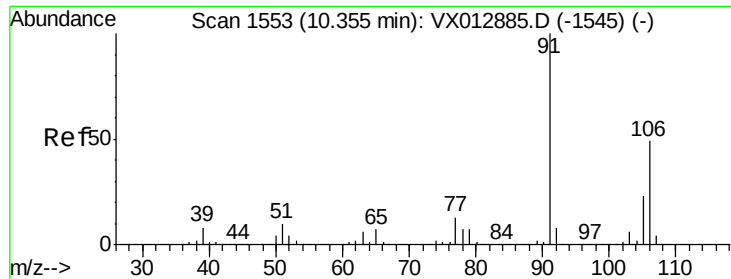
Tot Ion:131 Resp: 94949
 Ion Ratio Lower Upper
 131 100
 133 95.6 47.2 141.6
 119 63.7 32.6 98.0



#67
 Ethyl Benzene
 Concen: 52.413 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VX012953.D
 Acq: 09 Oct 2019 19:15

Tgt Ion: 91 Resp: 474493
 Ion Ratio Lower Upper
 91 100
 106 30.5 23.9 35.9

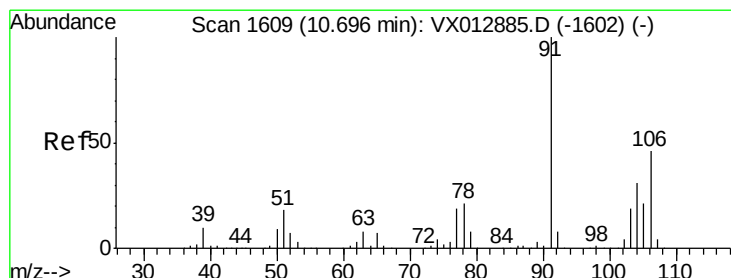
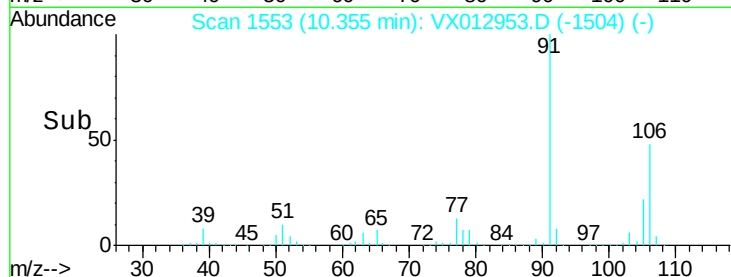
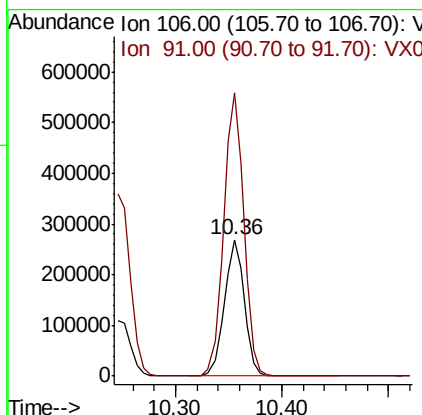
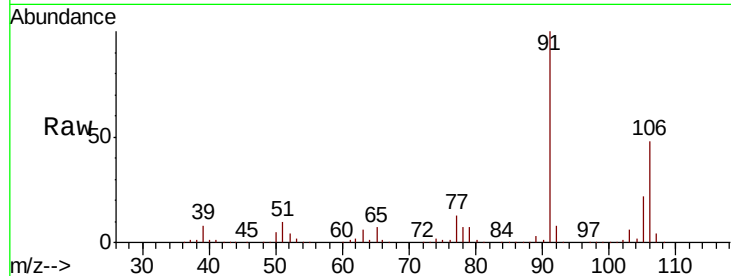




#68
m/p-Xylenes
Concen: 104.082 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012953.D
Acq: 09 Oct 2019 19:15

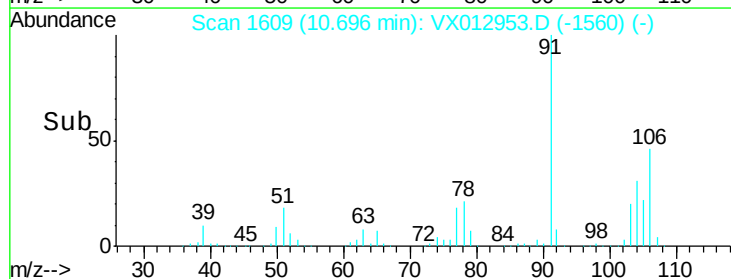
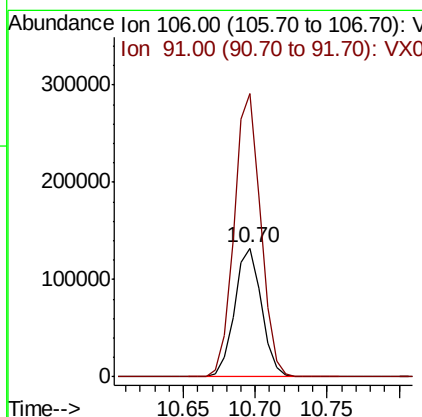
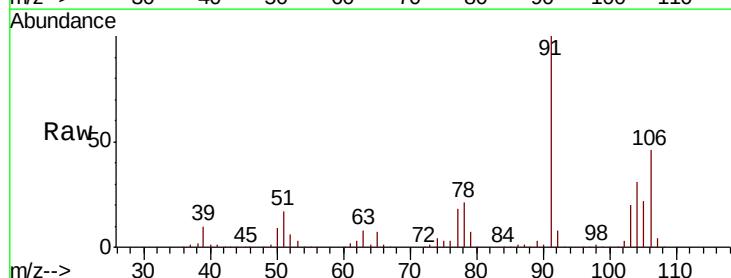
Instrument :
MSVOA_X
ClientSampleId :
FA19-JBW7106BMS

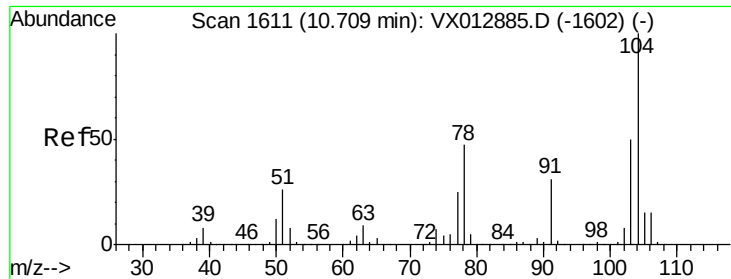
Tot Ion:106 Resp: 352008
Ion Ratio Lower Upper
106 100
91 209.5 165.3 247.9



#69
o-Xylene
Concen: 52.463 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012953.D
Acq: 09 Oct 2019 19:15

Tgt Ion:106 Resp: 173029
Ion Ratio Lower Upper
106 100
91 217.7 109.1 327.3

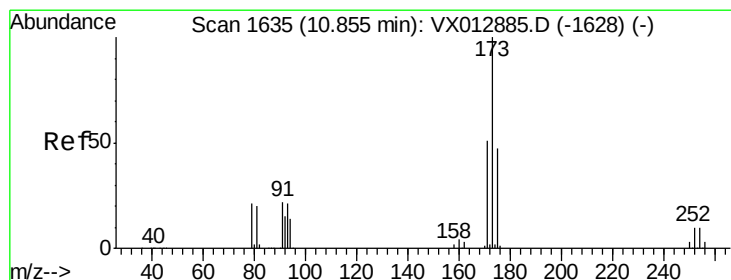
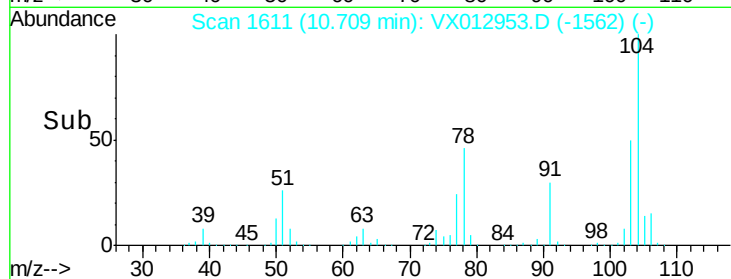
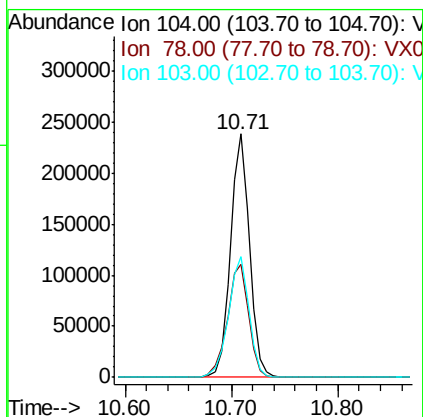
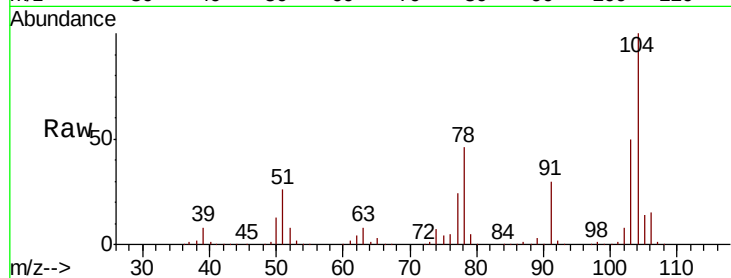




#70
Stvrene
Concen: 53.317 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012953.D
Acq: 09 Oct 2019 19:15

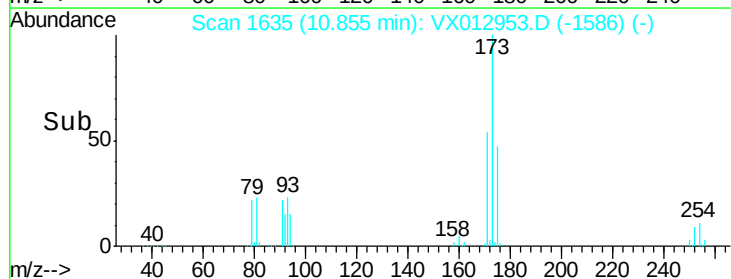
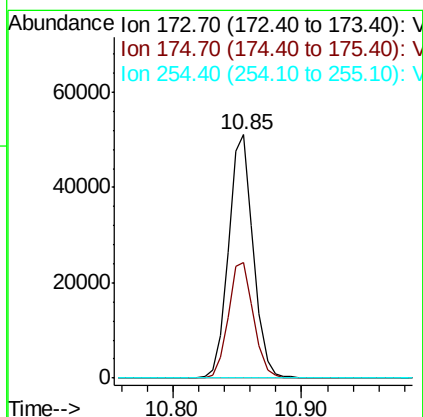
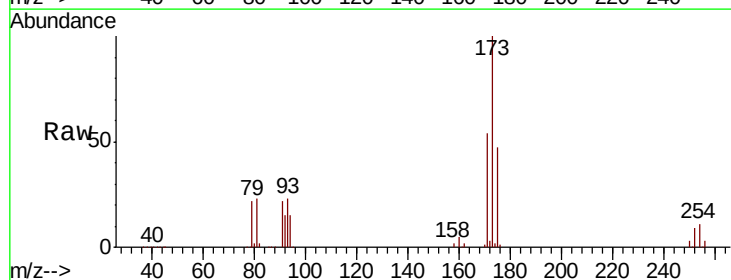
Instrument :
MSVOA_X
ClientSampleId :
FA19-JBW7106BMS

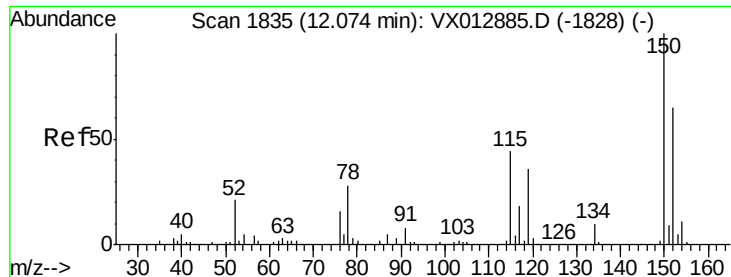
Tot Ion:104 Resp: 298934
Ion Ratio Lower Upper
104 100
78 52.4 41.2 61.8
103 53.5 43.0 64.4



#71
Bromoform
Concen: 45.740 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX012953.D
Acq: 09 Oct 2019 19:15

Tgt Ion:173 Resp: 68428
Ion Ratio Lower Upper
173 100
175 48.3 24.1 72.3
254 0.1 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012953.D

Acq: 09 Oct 2019 19:15

Instrument :

MSVOA_X

ClientSampleId :

FA19-JBW7106BMS

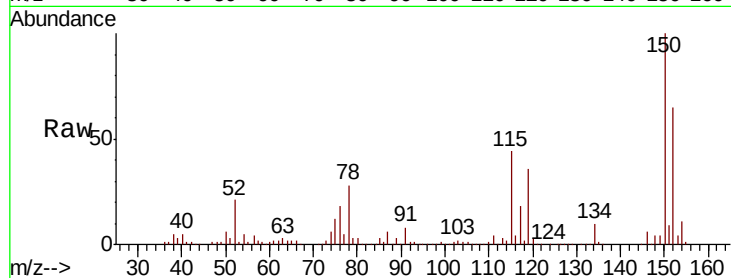
Tot Ion:152 Resp: 122486

Ion Ratio Lower Upper

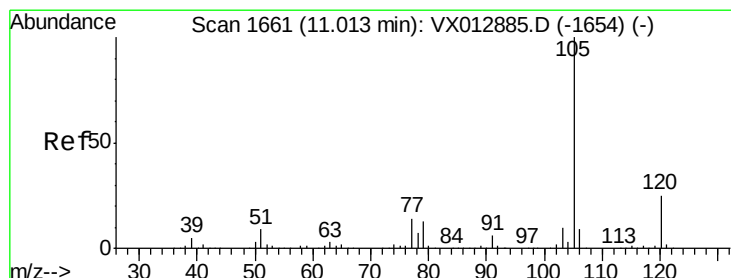
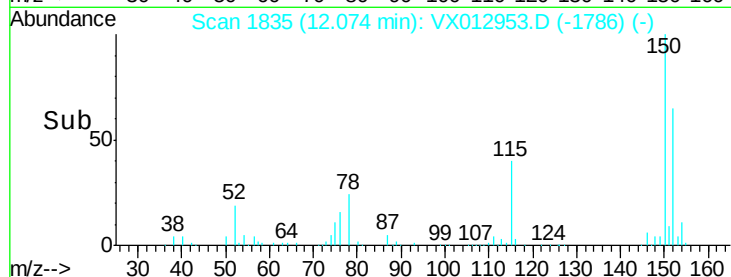
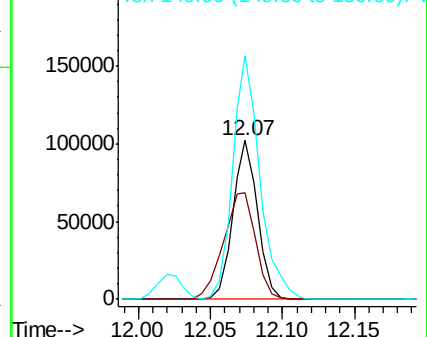
152 100

115 87.5 44.5 133.5

150 169.2 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: 51.414 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012953.D

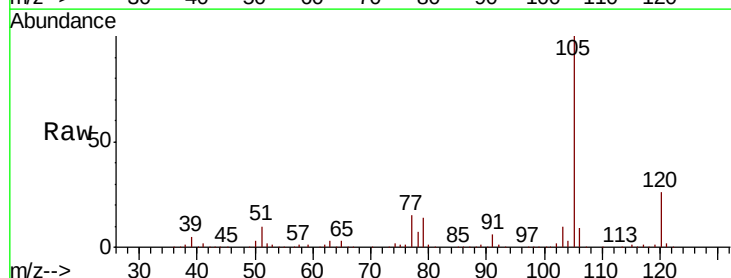
Acq: 09 Oct 2019 19:15

Tgt Ion:105 Resp: 463008

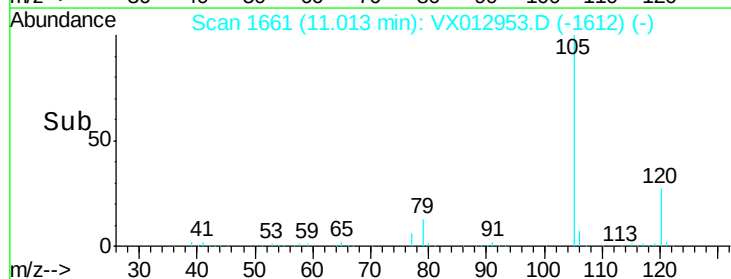
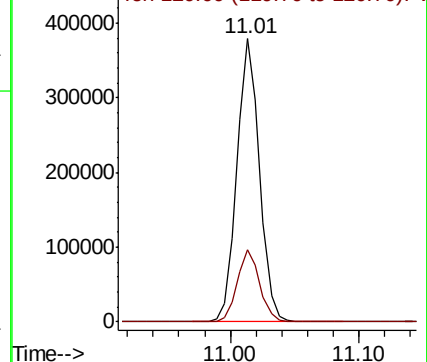
Ion Ratio Lower Upper

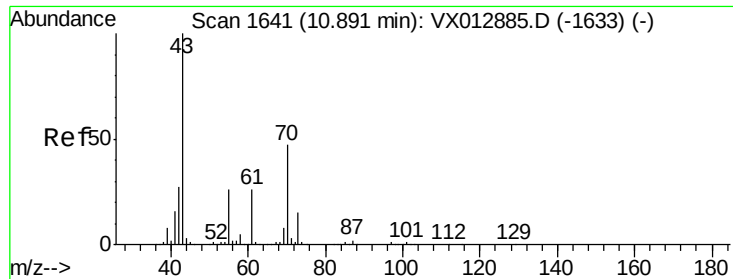
105 100

120 25.4 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: 49.448 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012953.D

Acq: 09 Oct 2019 19:15

Instrument :

MSVOA_X

ClientSampleId :

FA19-JBW7106BMS

Tot Ion: 43 Resp: 191779

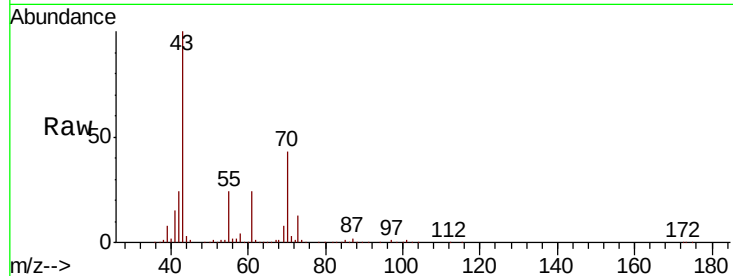
Ion Ratio Lower Upper

43 100

70 44.6 36.4 54.6

55 24.5 20.2 30.2

61 24.6 20.5 30.7



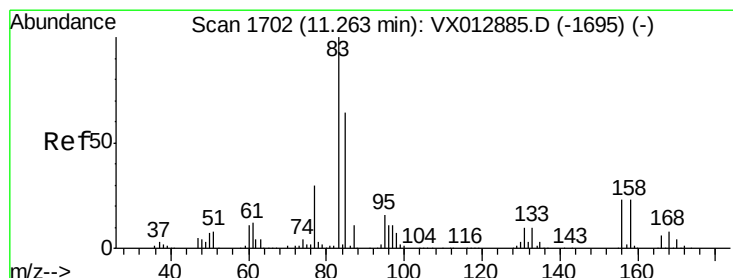
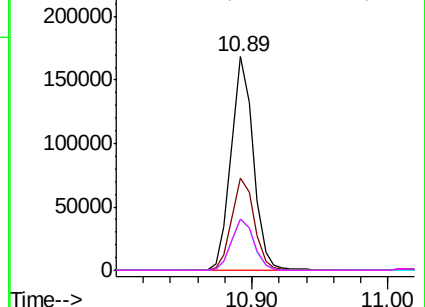
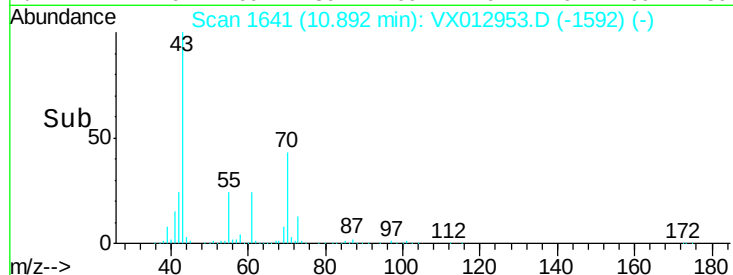
Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 51.841 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012953.D

Acq: 09 Oct 2019 19:15

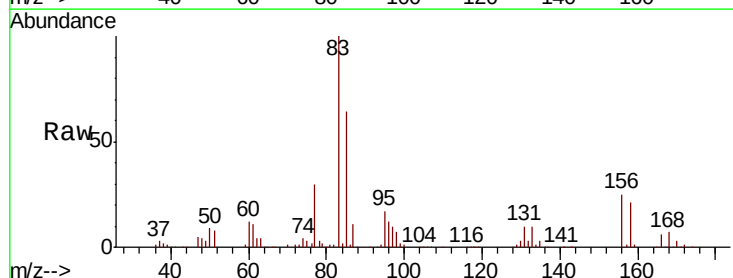
Tgt Ion: 83 Resp: 155274

Ion Ratio Lower Upper

83 100

131 10.1 5.1 15.3

85 63.6 32.1 96.5

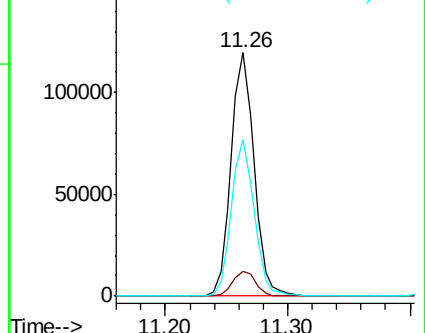
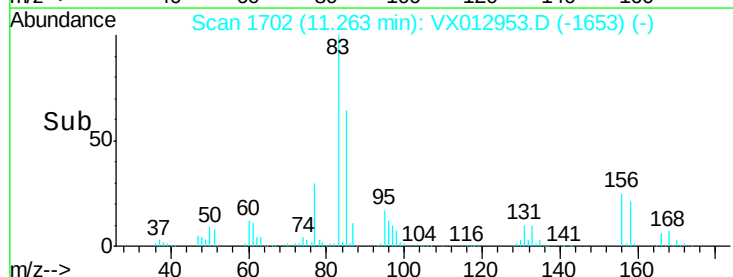


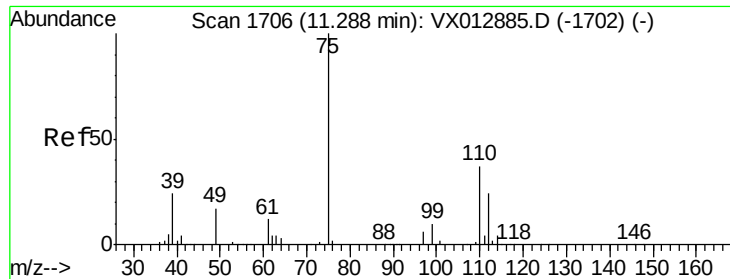
Abundance

Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

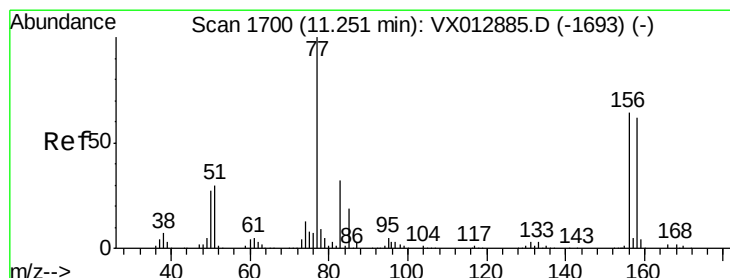
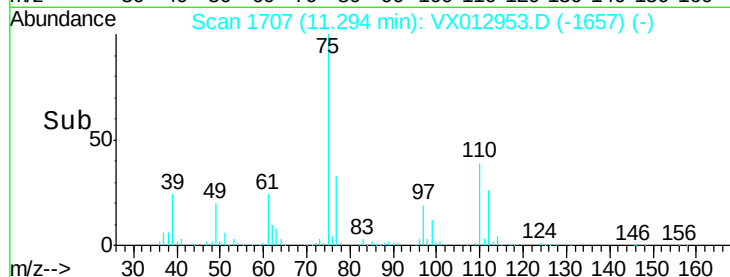
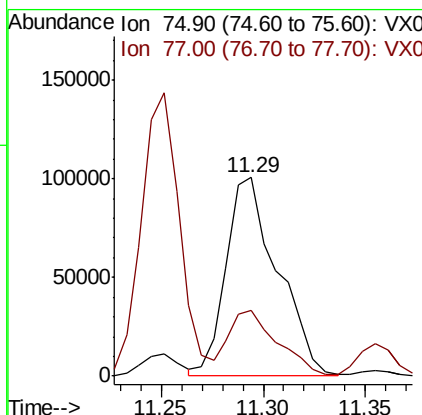
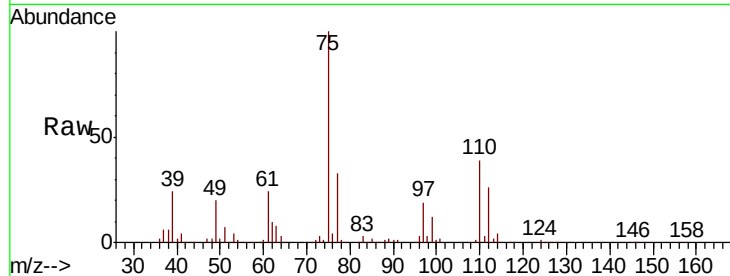




#76
 1,2,3-Trichloropropane
 Concen: 64.882 ug/l
 RT: 11.29 min Scan# 1707
 Delta R.T. 0.01 min
 Lab File: VX012953.D
 Acq: 09 Oct 2019 19:15

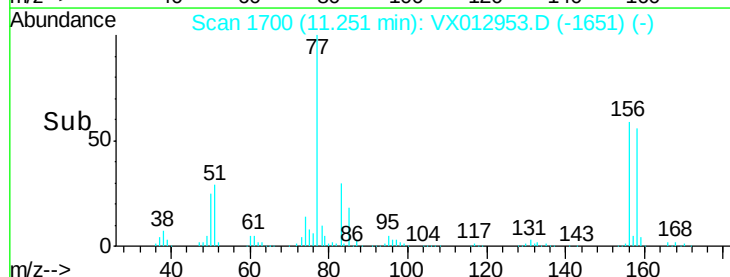
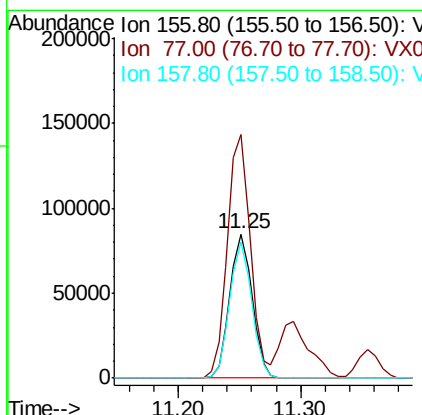
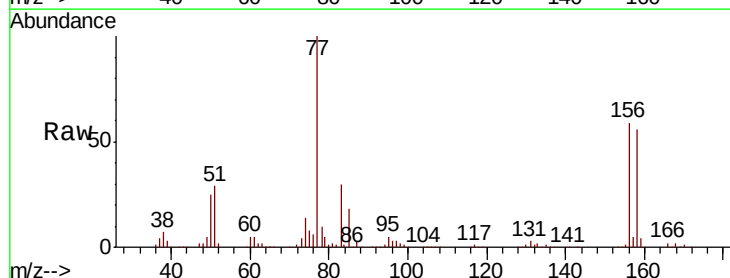
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JBW7106BMS

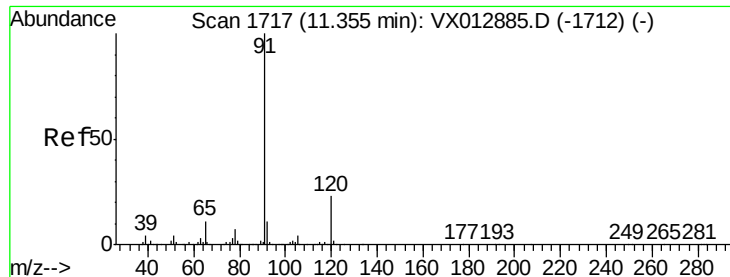
Tot Ion: 75 Resp: 176268
 Ion Ratio Lower Upper
 75 100
 77 31.3 22.9 68.8



#77
 Bromobenzene
 Concen: 50.809 ug/l
 RT: 11.25 min Scan# 1700
 Delta R.T. 0.00 min
 Lab File: VX012953.D
 Acq: 09 Oct 2019 19:15

Tgt Ion: 156 Resp: 107821
 Ion Ratio Lower Upper
 156 100
 77 173.6 83.7 251.0
 158 93.1 48.6 145.9





#78

n-propylbenzene

Concen: 51.884 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012953.D

Acq: 09 Oct 2019 19:15

Instrument :

MSVOA_X

ClientSampleId :

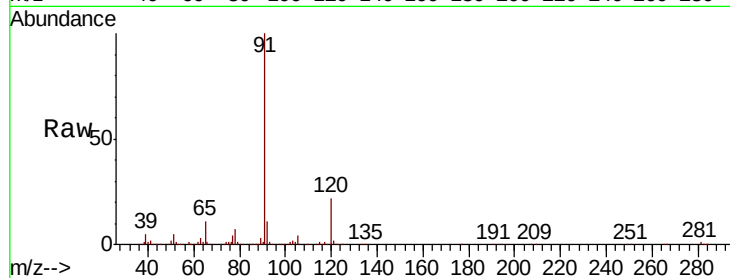
FA19-JBW7106BMS

Tot Ion: 91 Resp: 514137

Ion Ratio Lower Upper

91 100

120 22.9 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

11.35

400000

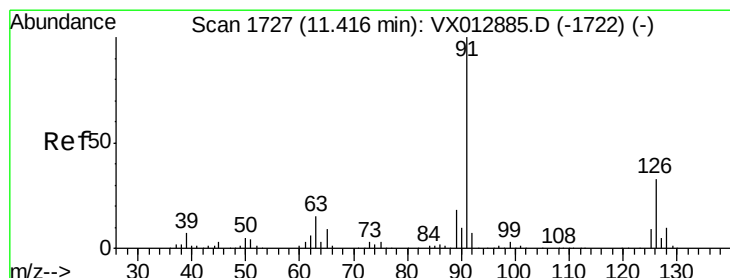
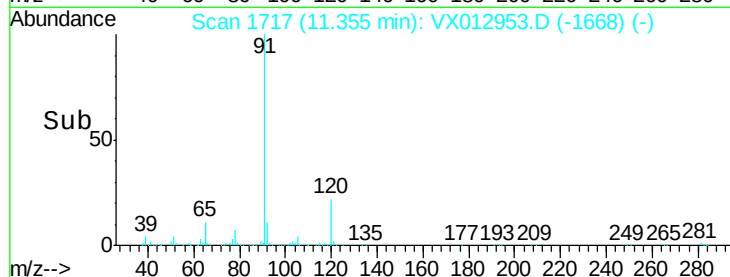
300000

200000

100000

0

Time--> 11.30 11.35 11.40



#79

2-Chlorotoluene

Concen: 50.885 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX012953.D

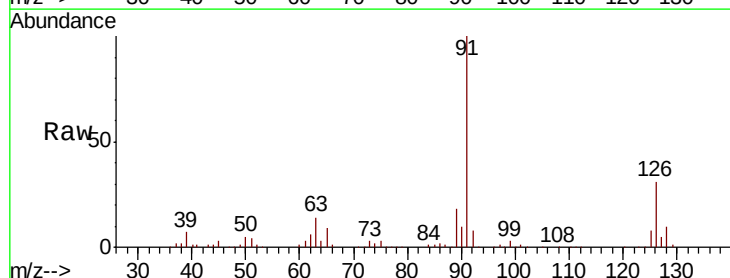
Acq: 09 Oct 2019 19:15

Tgt Ion: 91 Resp: 316897

Ion Ratio Lower Upper

91 100

126 32.0 16.3 48.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

11.42

400000

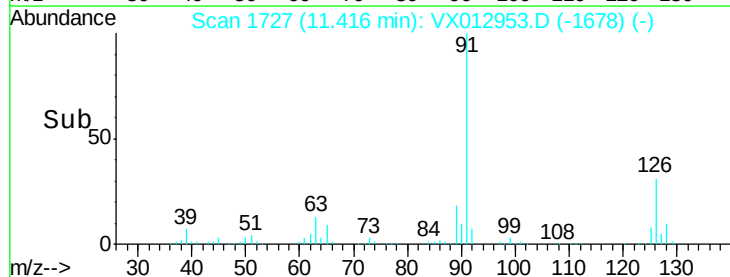
300000

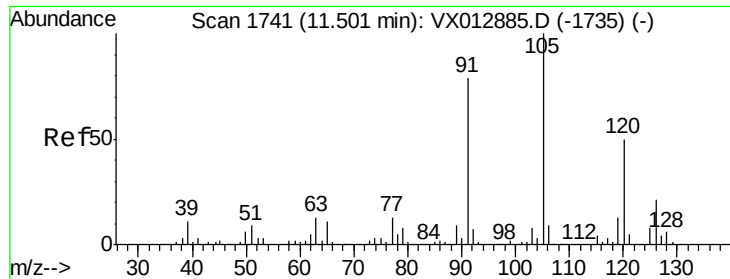
200000

100000

0

Time--> 11.35 11.40 11.45

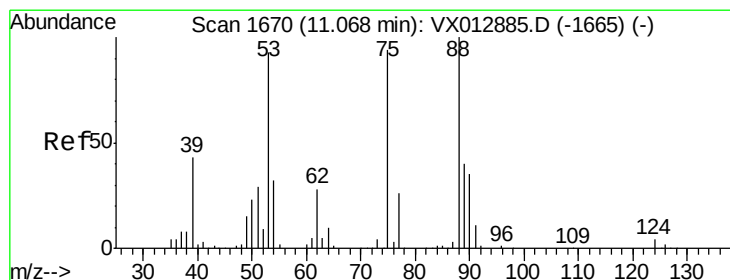
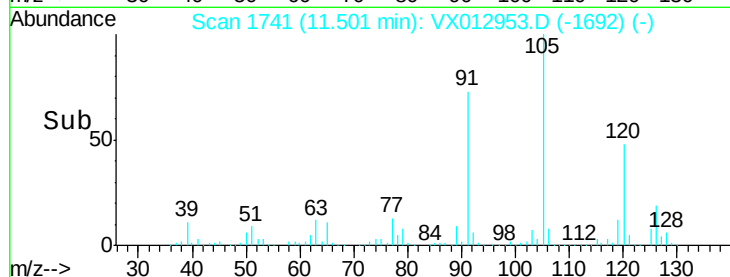
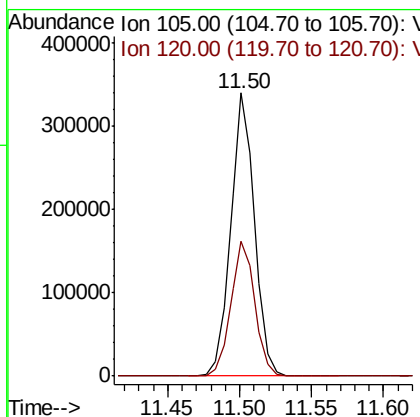
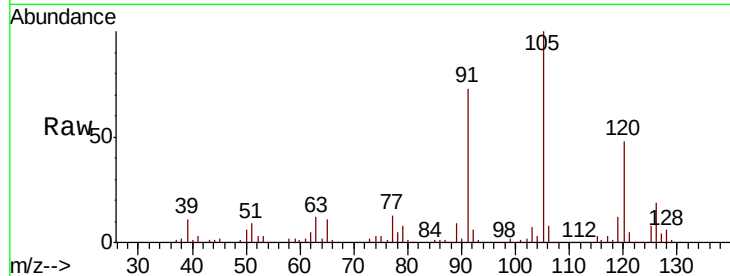




#80
 1,3,5-Trimethylbenzene
 Concen: 52.305 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012953.D
 Acq: 09 Oct 2019 19:15

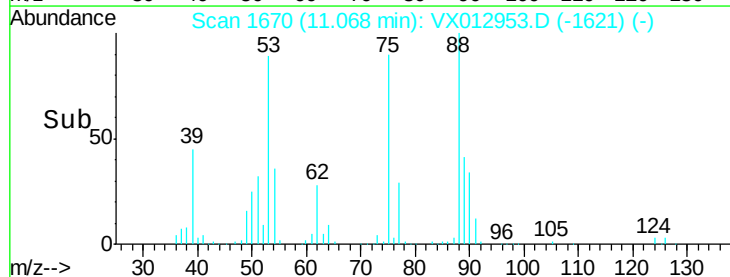
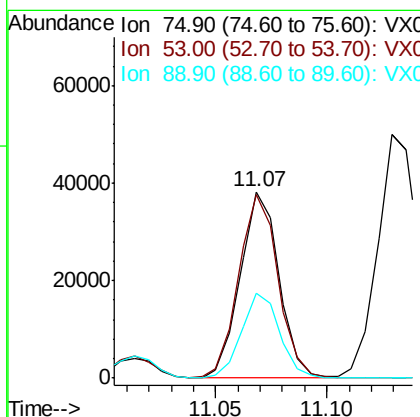
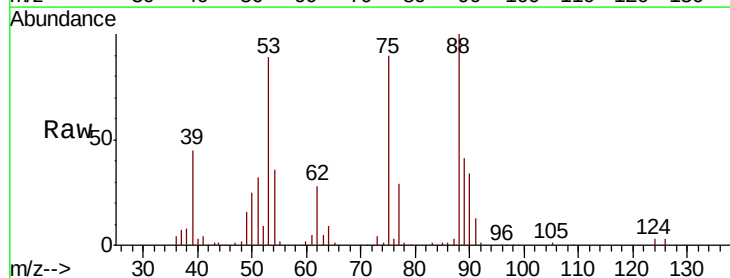
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JBW7106BMS

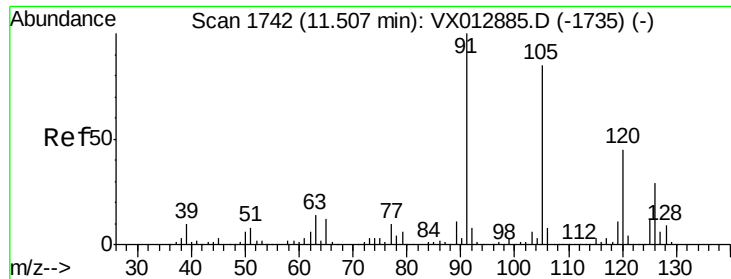
Tot Ion:105 Resp: 393312
 Ion Ratio Lower Upper
 105 100
 120 48.1 24.8 74.3



#81
 trans-1,4-Dichloro-2-butene
 Concen: 44.404 ug/l
 RT: 11.07 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: VX012953.D
 Acq: 09 Oct 2019 19:15

Tgt Ion: 75 Resp: 46386
 Ion Ratio Lower Upper
 75 100
 53 100.0 78.5 117.7
 89 45.4 37.4 56.2

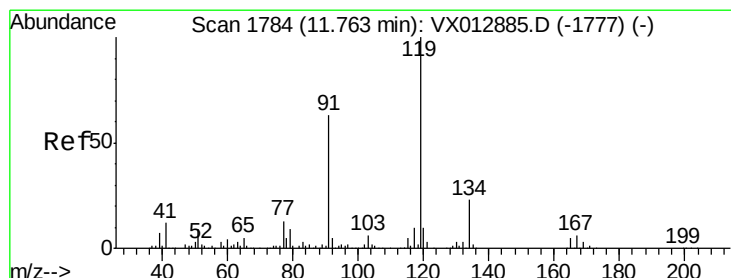
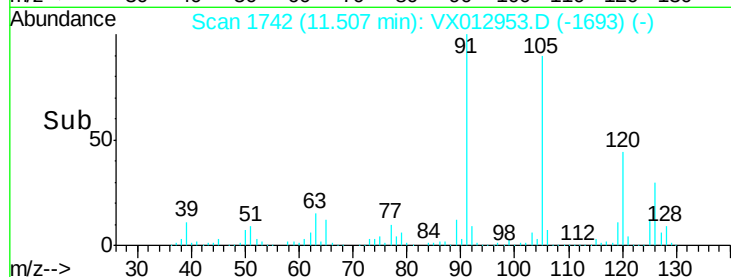
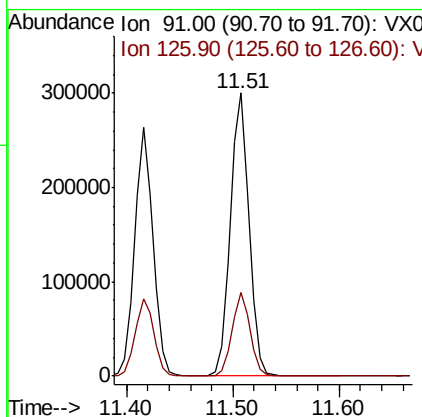
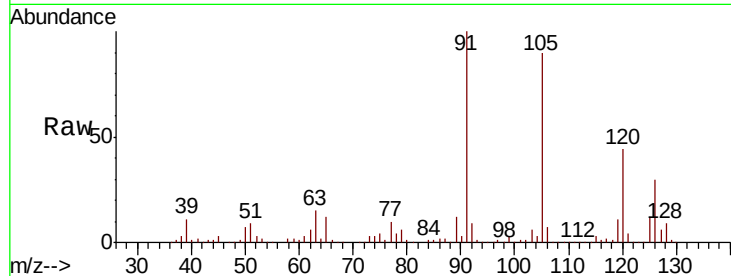




#82
4-Chlorotoluene
Concen: 51.692 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX012953.D
Acq: 09 Oct 2019 19:15

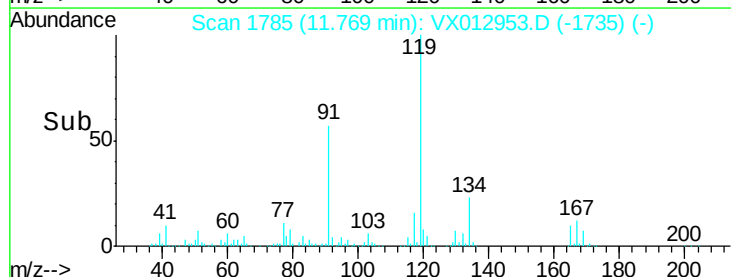
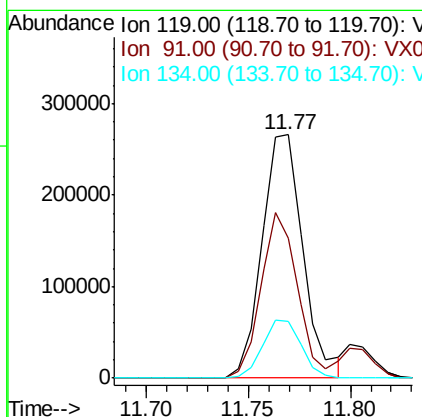
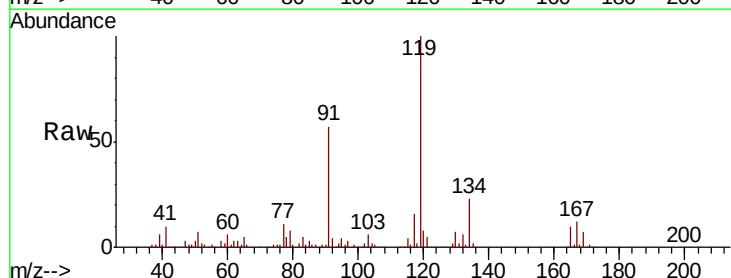
Instrument :
MSVOA_X
ClientSampleId :
FA19-JBW7106BMS

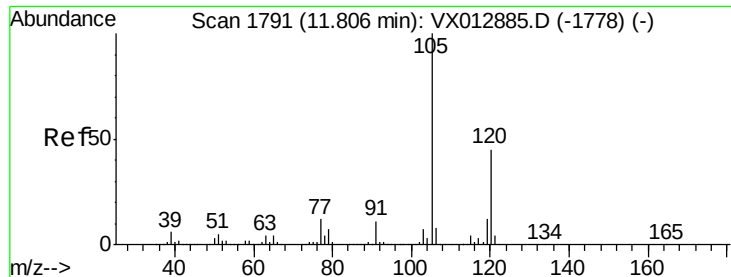
Tot Ion: 91 Resp: 368982
Ion Ratio Lower Upper
91 100
126 28.5 14.2 42.6



#83
tert-Butylbenzene
Concen: 50.904 ug/l
RT: 11.77 min Scan# 1785
Delta R.T. 0.01 min
Lab File: VX012953.D
Acq: 09 Oct 2019 19:15

Tgt Ion: 119 Resp: 373394
Ion Ratio Lower Upper
119 100
91 60.4 29.3 87.9
134 22.6 11.5 34.4

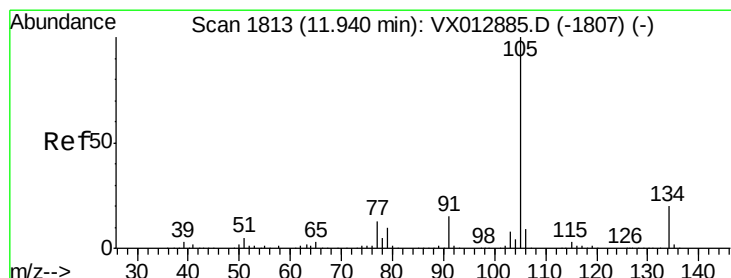
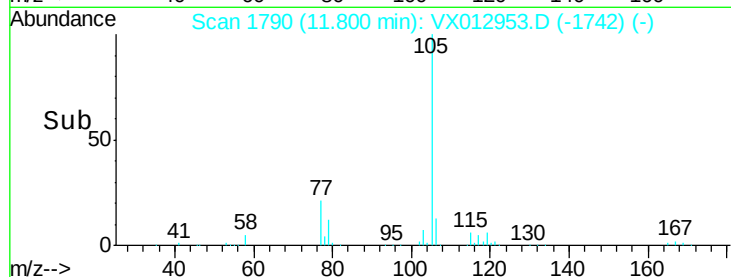
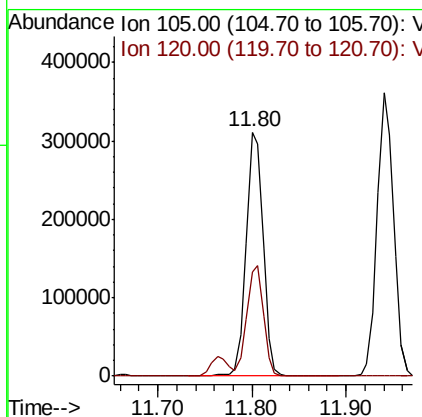
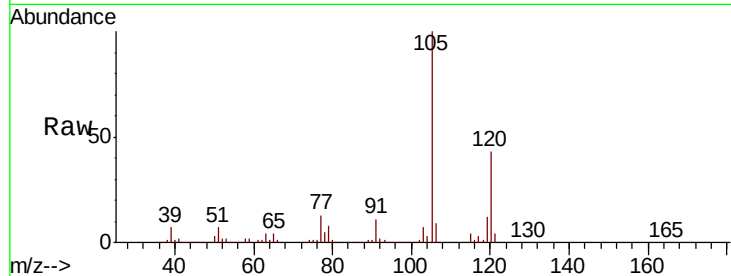




#84
 1,2,4-Trimethylbenzene
 Concen: 51.405 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX012953.D
 Acq: 09 Oct 2019 19:15

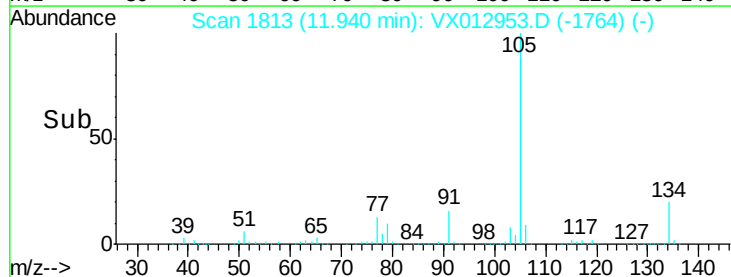
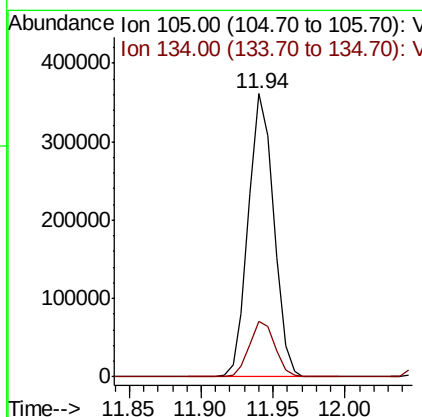
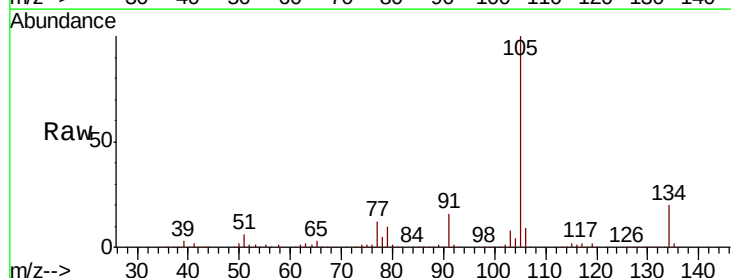
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JBW7106BMS

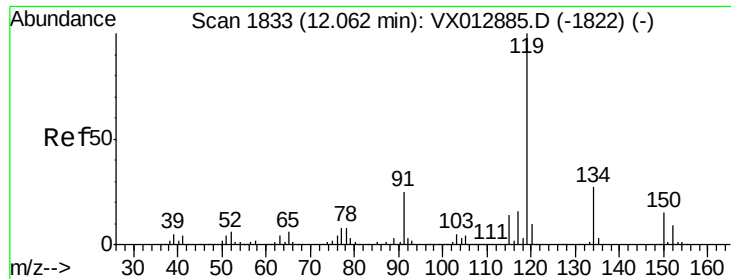
Tot Ion:105 Resp: 391476
 Ion Ratio Lower Upper
 105 100
 120 44.4 21.8 65.3



#85
 sec-Butylbenzene
 Concen: 51.670 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX012953.D
 Acq: 09 Oct 2019 19:15

Tgt Ion:105 Resp: 439097
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.0 30.0





#86

p-Isopropyltoluene

Concen: 51.451 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX012953.D

Acq: 09 Oct 2019 19:15

Instrument :

MSVOA_X

ClientSampleId :

FA19-JBW7106BMS

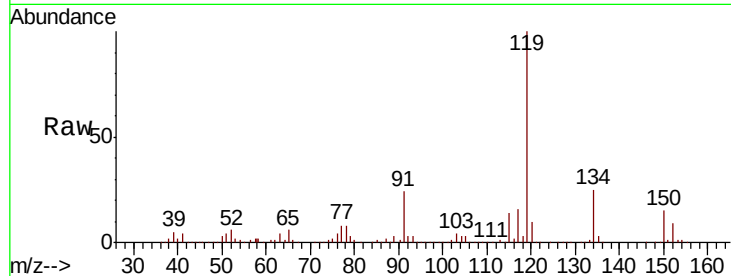
Tot Ion:119 Resp: 405515

Ion Ratio Lower Upper

119 100

134 25.2 12.6 37.8

91 24.7 12.4 37.4

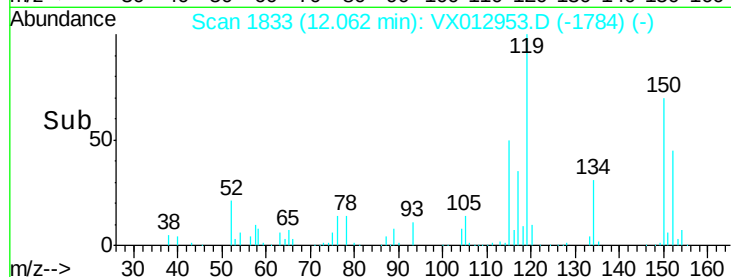


Abundance Ion 119.00 (118.70 to 119.70): V

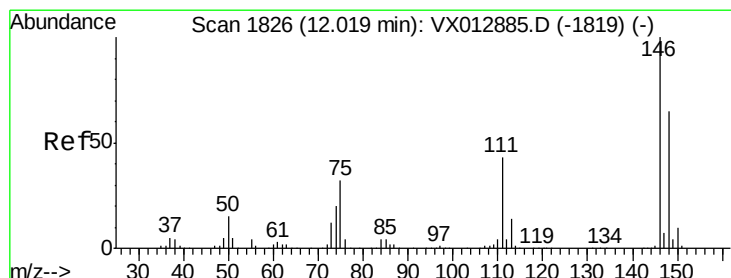
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

Time-->



Time-->



#87

1,3-Dichlorobenzene

Concen: 49.279 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX012953.D

Acq: 09 Oct 2019 19:15

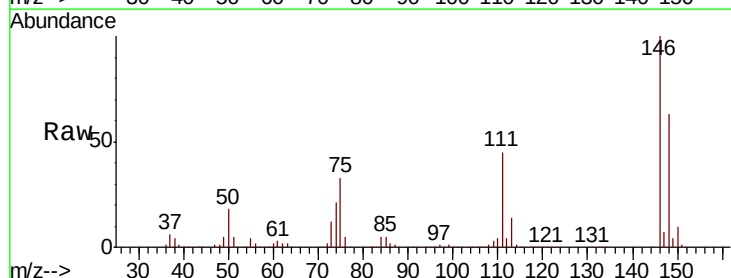
Tgt Ion:146 Resp: 194196

Ion Ratio Lower Upper

146 100

111 43.7 21.1 63.4

148 62.9 31.6 95.0

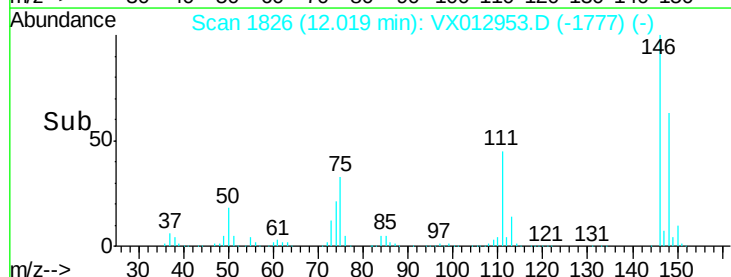


Abundance Ion 145.90 (145.60 to 146.60): V

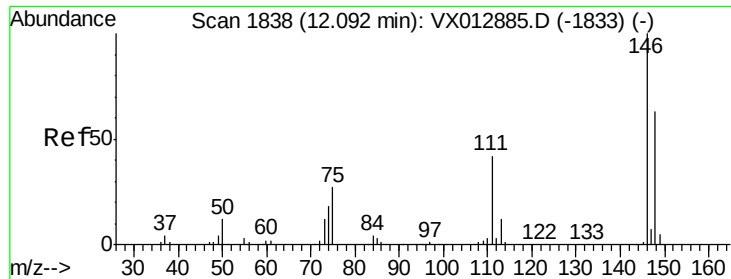
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

Time-->



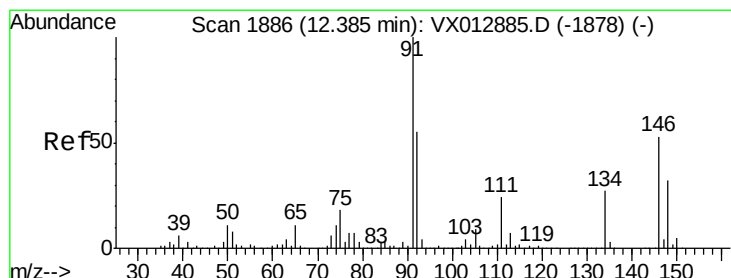
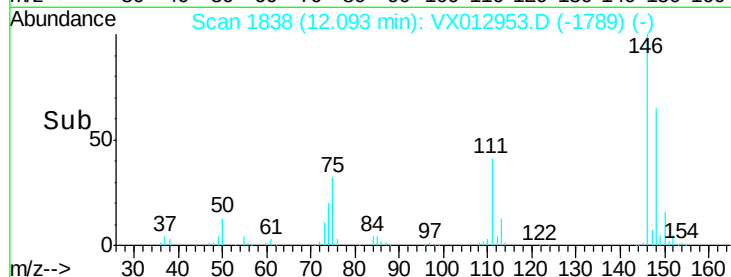
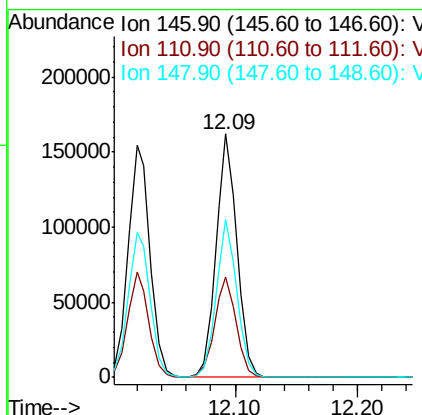
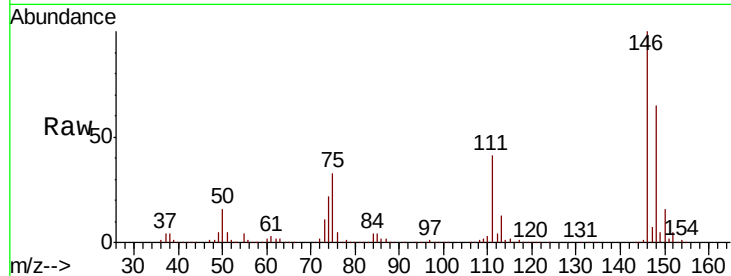
Time-->



#88
 1,4-Dichlorobenzene
 Concen: 48.382 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX012953.D
 Acq: 09 Oct 2019 19:15

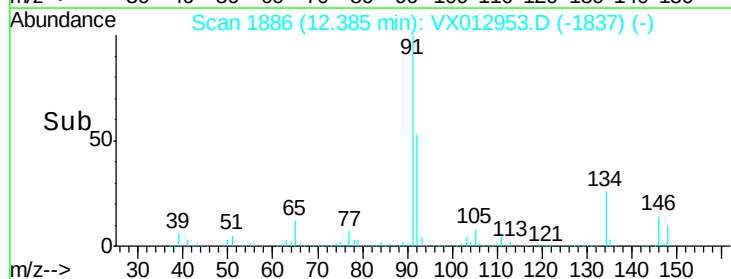
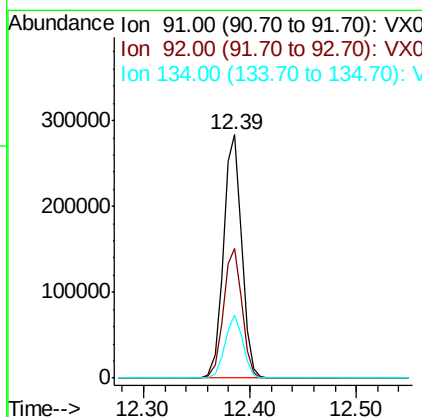
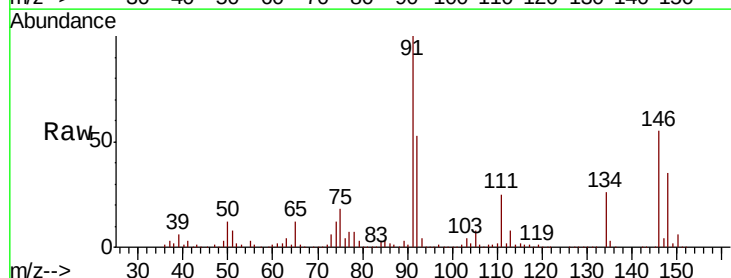
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JBW7106BMS

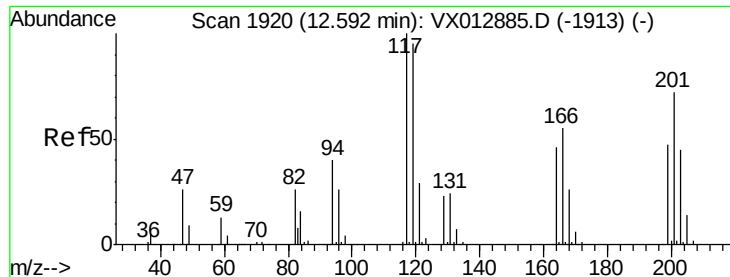
Tot Ion:146 Resp: 193097
 Ion Ratio Lower Upper
 146 100
 111 42.5 21.4 64.3
 148 64.3 32.1 96.5



#89
 n-Butylbenzene
 Concen: 51.217 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX012953.D
 Acq: 09 Oct 2019 19:15

Tgt Ion: 91 Resp: 339271
 Ion Ratio Lower Upper
 91 100
 92 53.8 27.5 82.5
 134 25.2 12.9 38.7





#90

Hexachloroethane

Concen: 46.938 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX012953.D

Acq: 09 Oct 2019 19:15

Instrument :

MSVOA_X

ClientSampleId :

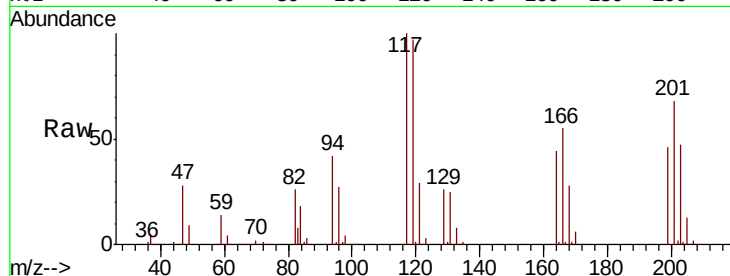
FA19-JBW7106BMS

Tot Ion:117 Resp: 68321

Ion Ratio Lower Upper

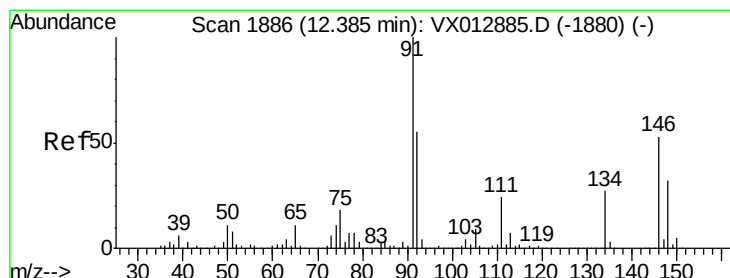
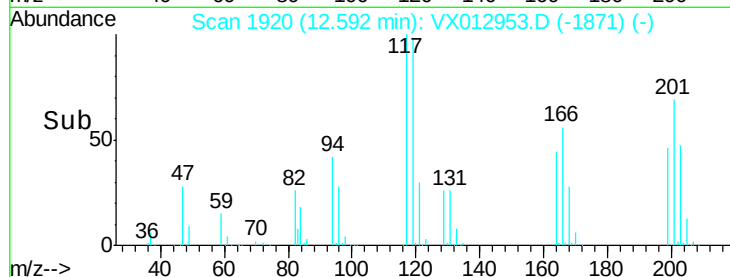
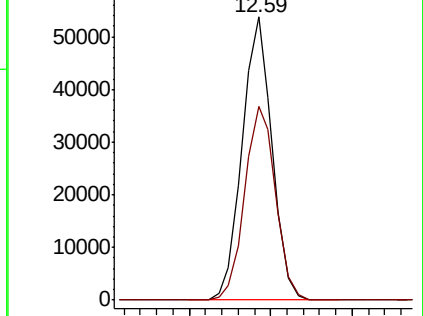
117 100

201 70.8 36.9 110.7



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 50.280 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX012953.D

Acq: 09 Oct 2019 19:15

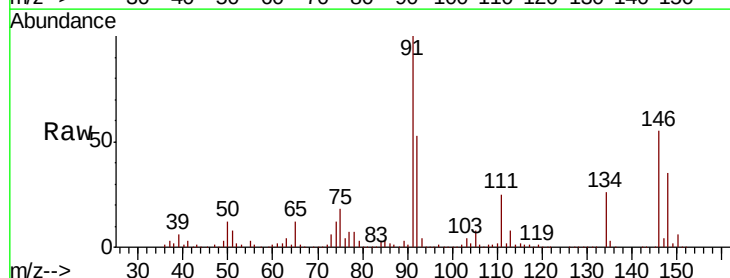
Tgt Ion:146 Resp: 194249

Ion Ratio Lower Upper

146 100

111 44.6 22.7 68.0

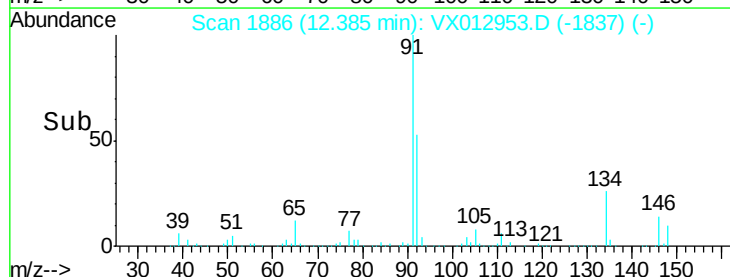
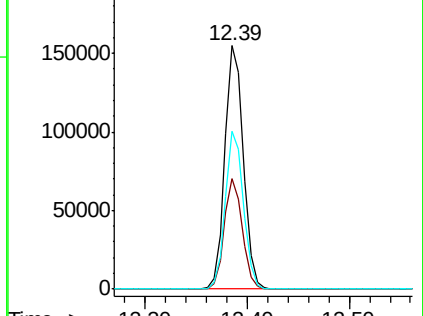
148 63.7 31.6 94.7

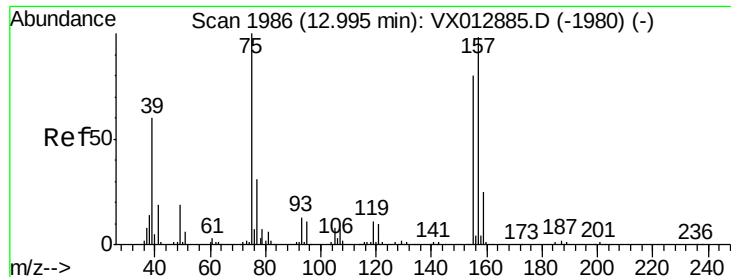


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 52.737 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX012953.D

Acq: 09 Oct 2019 19:15

Instrument :

MSVOA_X

ClientSampleId :

FA19-JBW7106BMS

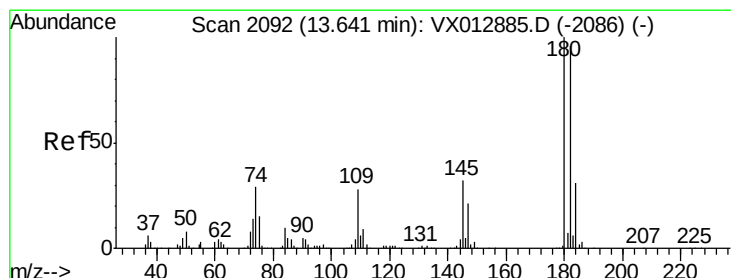
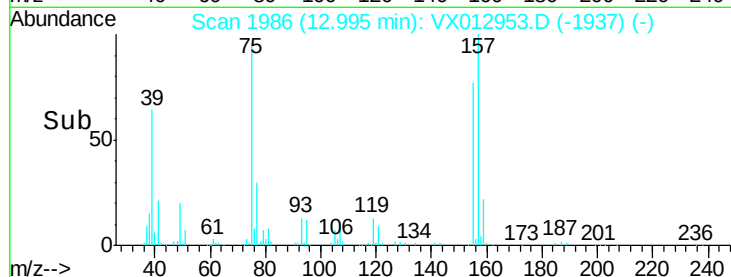
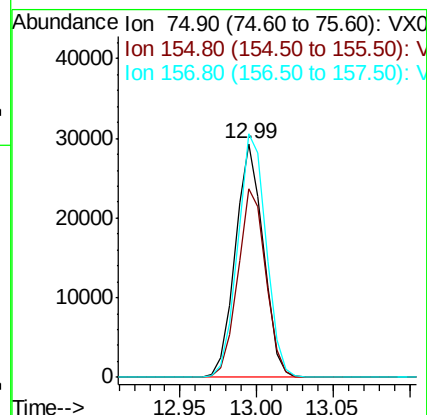
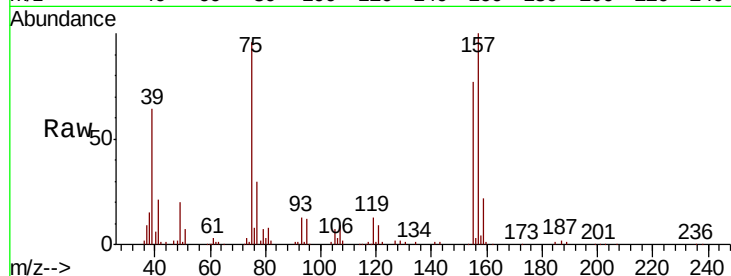
Tot Ion: 75 Resp: 37023

Ion Ratio Lower Upper

75 100

155 80.5 43.0 128.8

157 105.5 54.1 162.3



#93

1,2,4-Trichlorobenzene

Concen: 48.986 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX012953.D

Acq: 09 Oct 2019 19:15

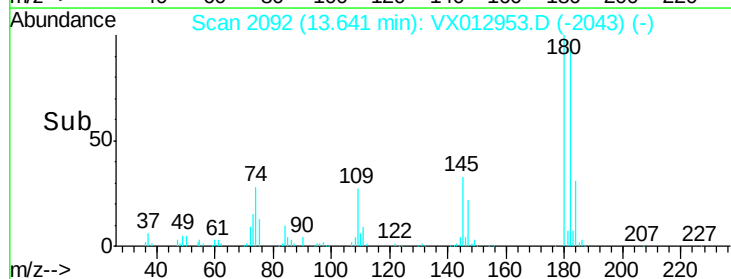
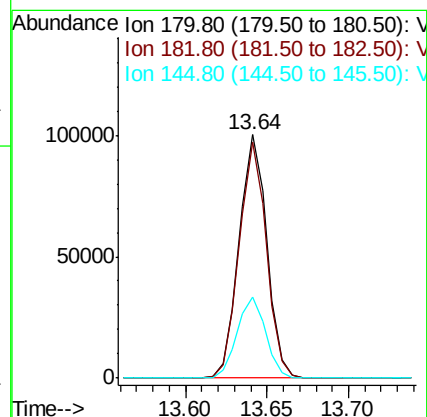
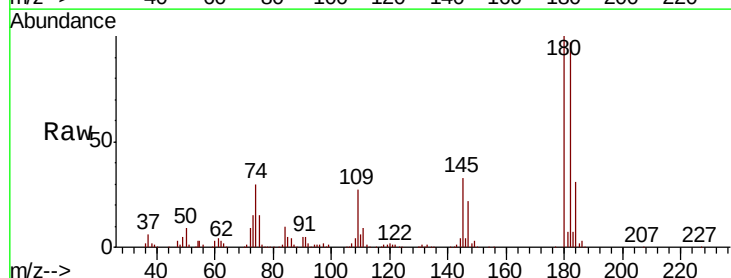
Tgt Ion:180 Resp: 118552

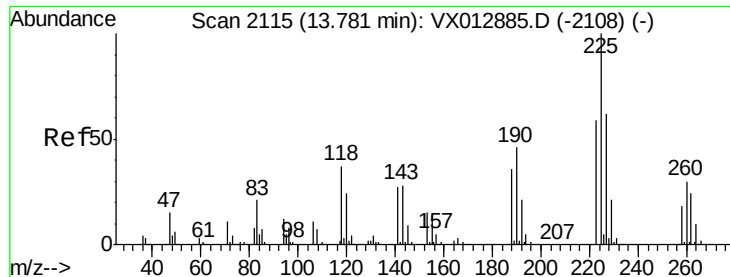
Ion Ratio Lower Upper

180 100

182 95.3 46.8 140.4

145 34.2 16.2 48.6





#94

Hexachlorobutadiene

Concen: 46.881 ug/l

RT: 13.78 min Scan# 2115

Delta R.T. 0.00 min

Lab File: VX012953.D

Acq: 09 Oct 2019 19:15

Instrument :

MSVOA_X

ClientSampleId :

FA19-JBW7106BMS

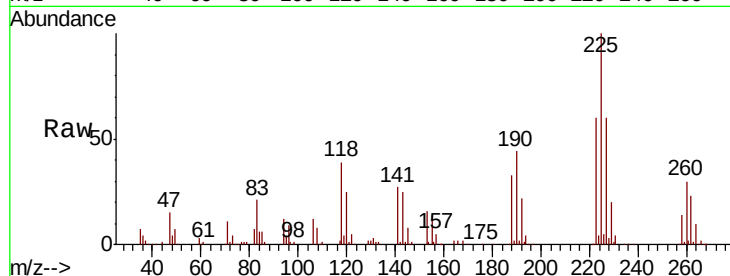
Tot Ion:225 Resp: 52361

Ion Ratio Lower Upper

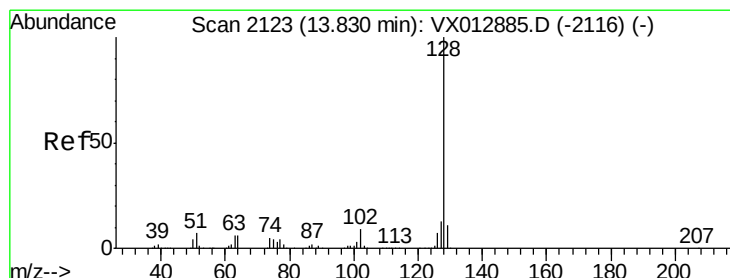
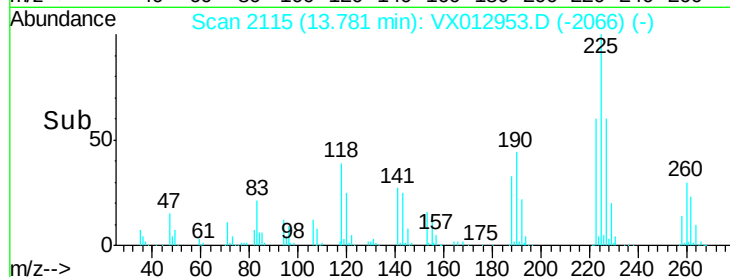
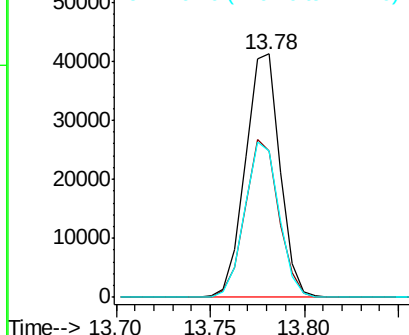
225 100

223 63.4 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: 51.327 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX012953.D

Acq: 09 Oct 2019 19:15

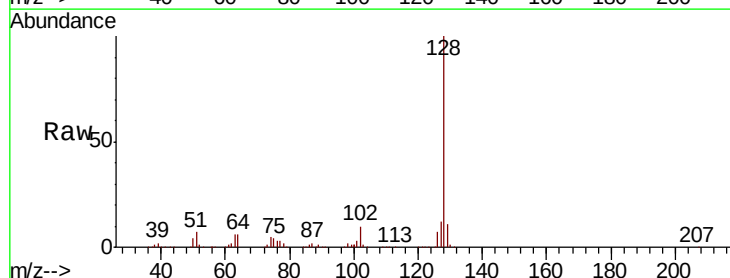
Tgt Ion:128 Resp: 430599

Ion Ratio Lower Upper

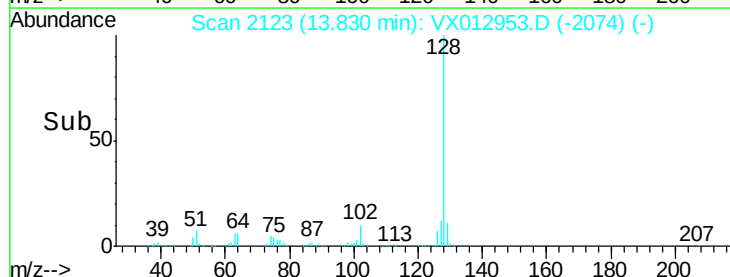
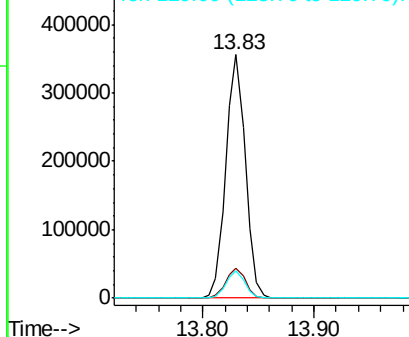
128 100

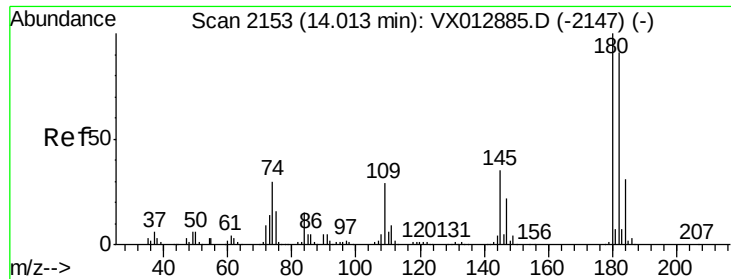
127 12.3 10.2 15.4

129 10.8 8.8 13.2



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

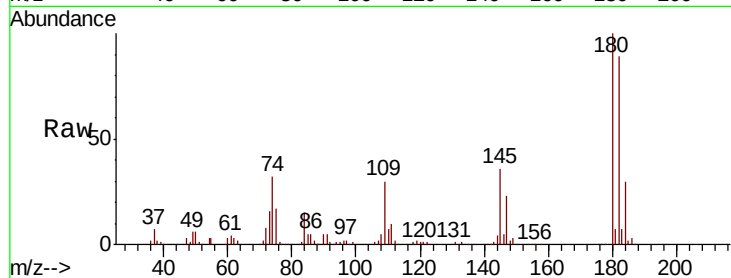




#96
 1,2,3-Trichlorobenzene
 Concen: 49.554 ug/l
 RT: 14.01 min Scan# 2153
 Delta R.T. 0.00 min
 Lab File: VX012953.D
 Acq: 09 Oct 2019 19:15

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JBW7106BMS

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.5	47.5	142.5
145	35.2	17.4	52.3



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

