

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101019\
 Data File : VX013006.D
 Acq On : 10 Oct 2019 19:13
 Operator : JC/SP
 Sample : K5290-07MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW1964MS

Quant Time: Oct 11 04:41:44 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	162527	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	276266	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	249299	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	116827	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	105209	51.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.58%	
35) Dibromofluoromethane	5.48	113	82839	52.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.48%	
50) Toluene-d8	8.71	98	318357	51.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.96%	
62) 4-Bromofluorobenzene	11.13	95	122505	50.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	83618	50.474	ug/l	99
3) Chloromethane	1.32	50	91403	50.696	ug/l	97
4) Vinyl Chloride	1.40	62	90694	48.736	ug/l	98
5) Bromomethane	1.63	94	37132	48.001	ug/l	99
6) Chloroethane	1.71	64	57863	50.897	ug/l	98
7) Trichlorofluoromethane	1.92	101	130581	51.988	ug/l	99
8) Diethyl Ether	2.18	74	50663	49.972	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	82397	50.688	ug/l	99
10) Methyl Iodide	2.50	142	97194	52.495	ug/l	99
11) Tert butyl alcohol	3.03	59	132913	246.821	ug/l	99
12) 1,1-Dichloroethene	2.36	96	84654	51.542	ug/l	95
13) Acrolein	2.28	56	91415	238.875	ug/l	99
14) Allyl chloride	2.72	41	149099	50.976	ug/l	99
15) Acrylonitrile	3.13	53	271102	265.657	ug/l	100
16) Acetone	2.44	43	232249	216.905	ug/l	99
17) Carbon Disulfide	2.56	76	222213	47.449	ug/l	98
18) Methyl Acetate	2.76	43	122656	48.329	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	303310	53.476	ug/l	99
20) Methylene Chloride	2.84	84	97769	49.684	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	92715	52.668	ug/l	99
22) Diisopropyl ether	3.84	45	298505	53.260	ug/l	96
23) Vinyl Acetate	3.80	43	1255172	259.420	ug/l	99
24) 1,1-Dichloroethane	3.69	63	167456	53.109	ug/l	99
25) 2-Butanone	4.66	43	374280	251.955	ug/l	100
26) 2,2-Dichloropropane	4.57	77	118081	44.535	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	105250	51.869	ug/l	98
28) Bromochloromethane	5.01	49	49622	52.685	ug/l	96
29) Tetrahydrofuran	5.12	42	240404	262.987	ug/l	99
30) Chloroform	5.20	83	168891	52.203	ug/l	96
31) Cyclohexane	5.57	56	148441	50.347	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	148514	54.177	ug/l	98
36) 1,1-Dichloropropene	5.79	75	124304	51.176	ug/l	100
37) Ethyl Acetate	4.82	43	138819	51.111	ug/l	99
38) Carbon Tetrachloride	5.78	117	124699	52.745	ug/l	100

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 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 01:51:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	149781	50.848	ug/l	99
40) Benzene	6.14	78	378511	52.762	ug/l	99
41) Methacrylonitrile	5.03	41	78133	52.353	ug/l	99
42) 1,2-Dichloroethane	6.18	62	136599	53.064	ug/l	98
43) Isopropyl Acetate	6.43	43	225534	51.736	ug/l	99
44) Trichloroethene	7.21	130	102731	51.641	ug/l	99
45) 1,2-Dichloropropane	7.51	63	97543	53.349	ug/l	99
46) Dibromomethane	7.65	93	65317	53.618	ug/l	99
47) Bromodichloromethane	7.89	83	128504	54.055	ug/l	98
48) Methyl methacrylate	7.76	41	112506	52.960	ug/l	99
49) 1,4-Dioxane	7.73	88	57243	1003.980	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	729863	268.536	ug/l	100
52) Toluene	8.78	92	243819	53.125	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	139882	47.273	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	153628	52.543	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	96672	53.225	ug/l	100
56) Ethyl methacrylate	9.17	69	159530	49.085	ug/l	99
57) 1,3-Dichloropropane	9.37	76	164656	52.407	ug/l	99
59) 2-Hexanone	9.49	43	562571	265.898	ug/l	100
60) Dibromochloromethane	9.58	129	98926	48.983	ug/l	99
61) 1,2-Dibromoethane	9.67	107	101417	53.080	ug/l	100
64) Tetrachloroethene	9.33	164	128733	74.449	ug/l	98
65) Chlorobenzene	10.14	112	252751	51.054	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	94687	55.162	ug/l	99
67) Ethyl Benzene	10.25	91	462844	52.633	ug/l	100
68) m/p-Xylenes	10.35	106	352253	107.224	ug/l	98
69) o-Xylene	10.70	106	168001	52.440	ug/l	99
70) Stvrene	10.71	104	291826	53.583	ug/l	99
71) Bromoform	10.85	173	67657	46.502	ug/l #	100
73) Isopropylbenzene	11.01	105	451199	52.530	ug/l	100
74) N-amyl acetate	10.89	43	192913	52.149	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	148030	51.816	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	172694	66.646	ug/l	77
77) Bromobenzene	11.25	156	105698	52.221	ug/l	99
78) n-propylbenzene	11.35	91	495306	52.405	ug/l	99
79) 2-Chlorotoluene	11.42	91	308976	52.017	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	383208	53.430	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	45324	45.389	ug/l	99
82) 4-Chlorotoluene	11.51	91	355994	52.288	ug/l	99
83) tert-Butylbenzene	11.76	119	357611	51.114	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	383701	52.824	ug/l	100
85) sec-Butylbenzene	11.94	105	424961	52.428	ug/l	100
86) p-Isopropyltoluene	12.06	119	390218	51.908	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	184661	49.129	ug/l	97
88) 1,4-Dichlorobenzene	12.09	146	187661	49.298	ug/l	99
89) n-Butylbenzene	12.38	91	323716	51.236	ug/l	99
90) Hexachloroethane	12.59	117	67212	48.346	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	190237	51.627	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	36301	54.214	ug/l	98
93) 1,2,4-Trichlorobenzene	13.64	180	113814	49.307	ug/l	99

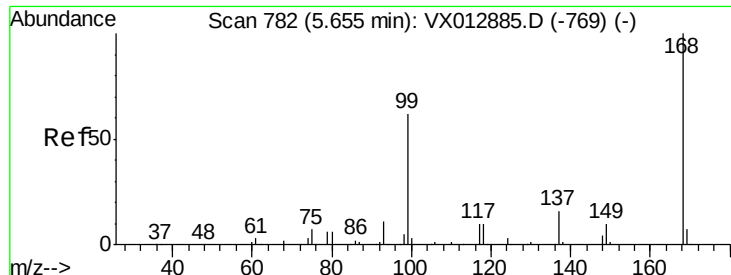
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	50002	46.938	ug/l	99
95) Naphthalene	13.83	128	405862	50.722	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	117657	49.325	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX013006.D

Acq: 10 Oct 2019 19:13

Instrument :

MSVOA_X

ClientSampleId :

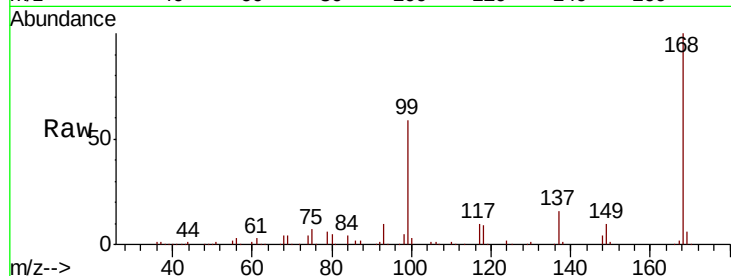
FA19-JMW1964MS

Tot Ion:168 Resp: 162527

Ion Ratio Lower Upper

168 100

99 58.8 49.4 74.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

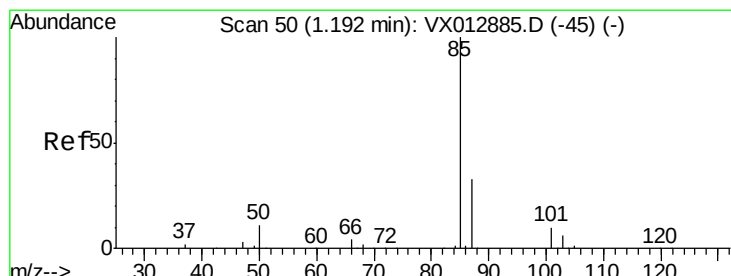
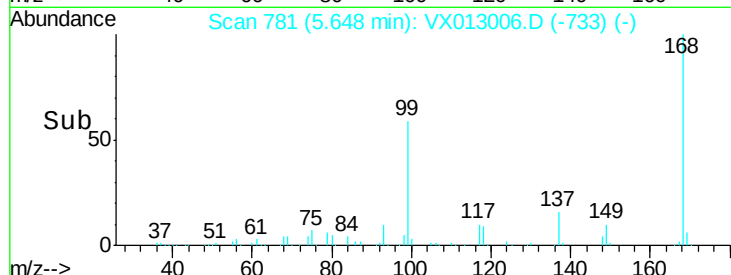
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 50.474 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.01 min

Lab File: VX013006.D

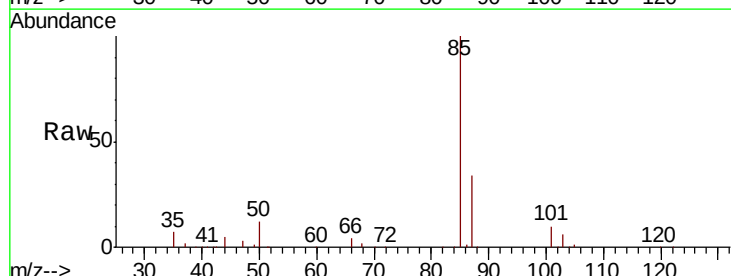
Acq: 10 Oct 2019 19:13

Tgt Ion: 85 Resp: 83618

Ion Ratio Lower Upper

85 100

87 33.6 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

80000

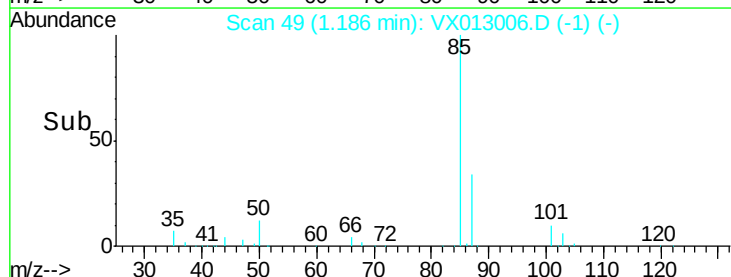
60000

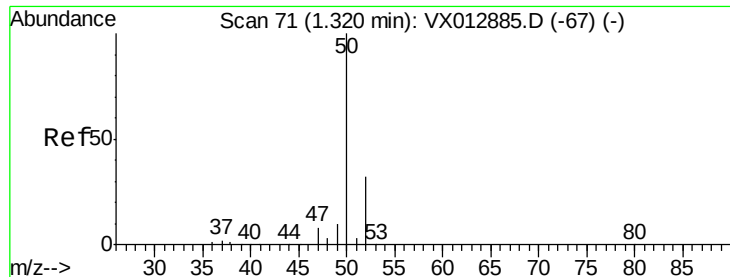
40000

20000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 50.696 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX013006.D

Acq: 10 Oct 2019 19:13

Instrument :

MSVOA_X

ClientSampleId :

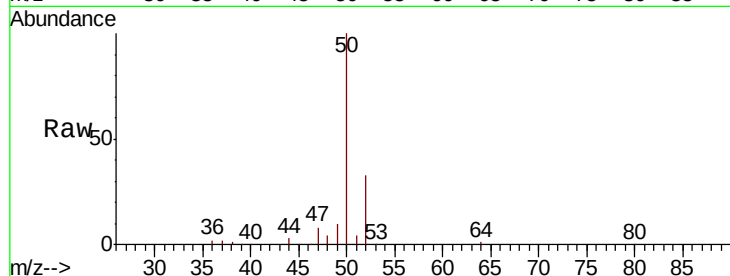
FA19-JMW1964MS

Tot Ion: 50 Resp: 91403

Ion Ratio Lower Upper

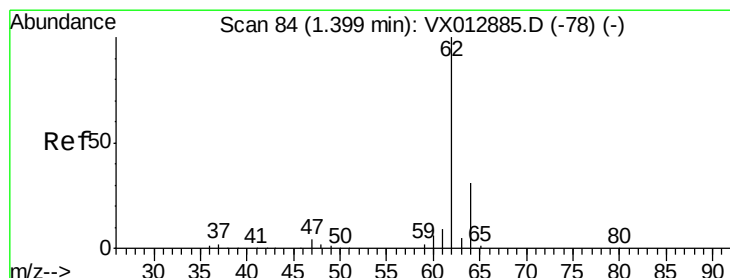
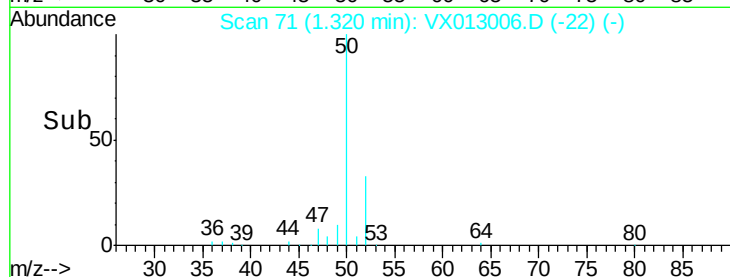
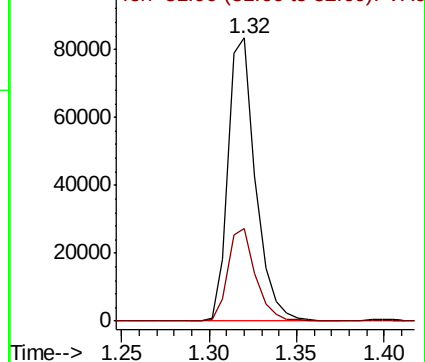
50 100

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: 48.736 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013006.D

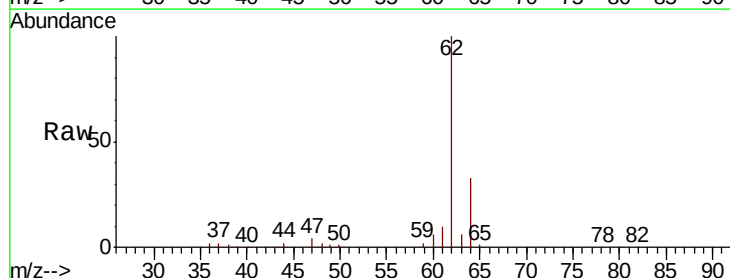
Acq: 10 Oct 2019 19:13

Tgt Ion: 62 Resp: 90694

Ion Ratio Lower Upper

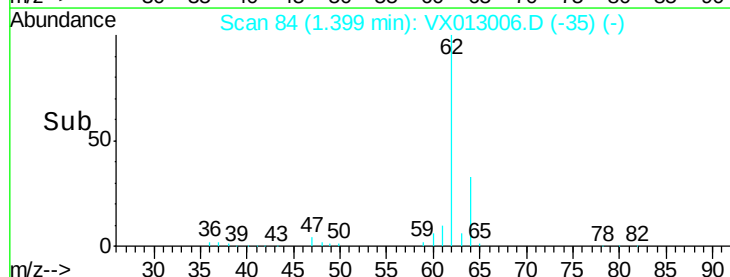
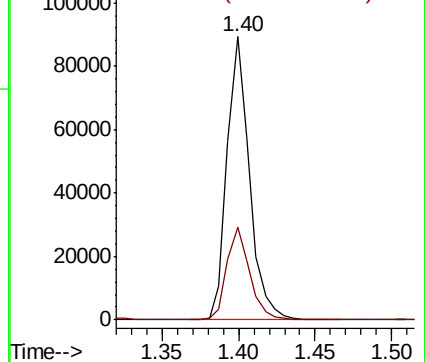
62 100

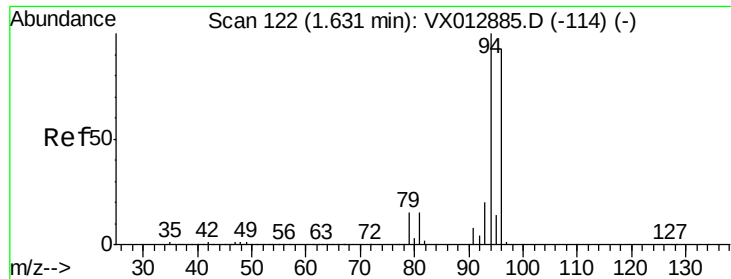
64 32.6 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 48.001 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013006.D

Acq: 10 Oct 2019 19:13

Instrument :

MSVOA_X

ClientSampleId :

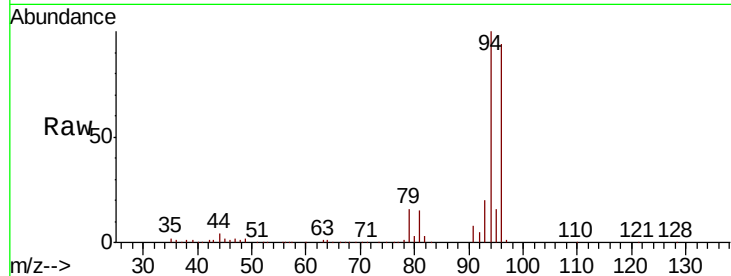
FA19-JMW1964MS

Tot Ion: 94 Resp: 37132

Ion Ratio Lower Upper

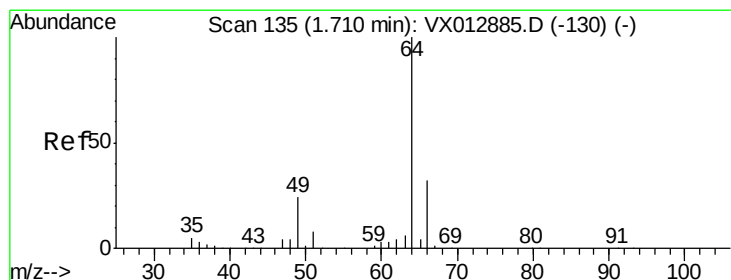
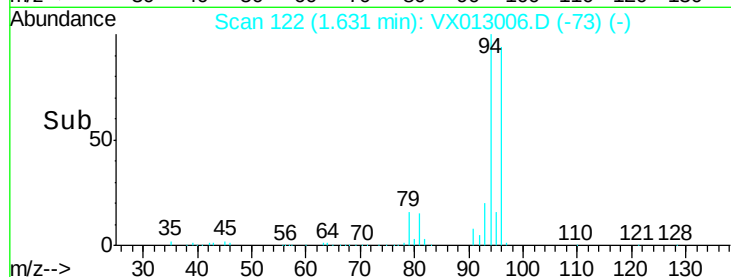
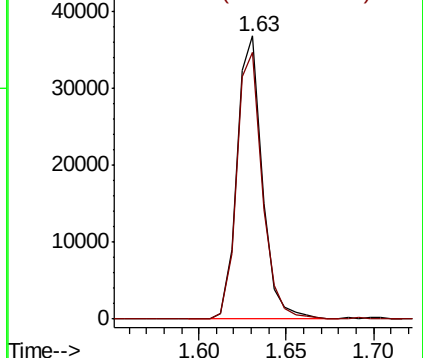
94 100

96 94.4 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: 50.897 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX013006.D

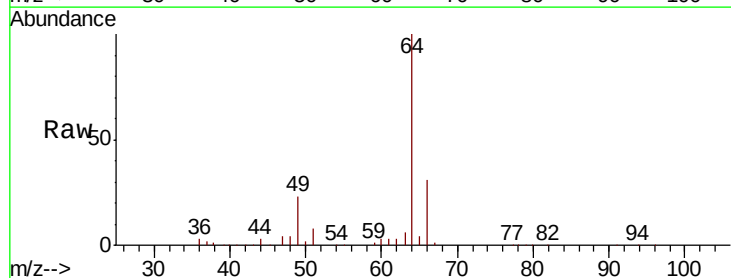
Acq: 10 Oct 2019 19:13

Tgt Ion: 64 Resp: 57863

Ion Ratio Lower Upper

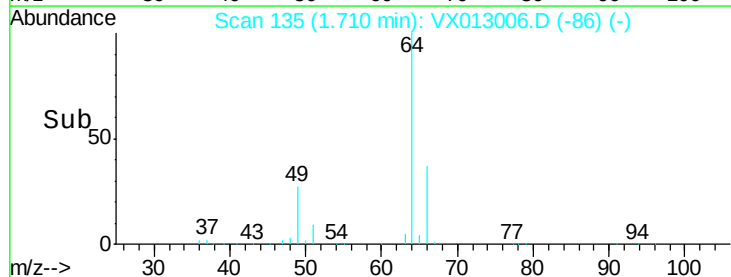
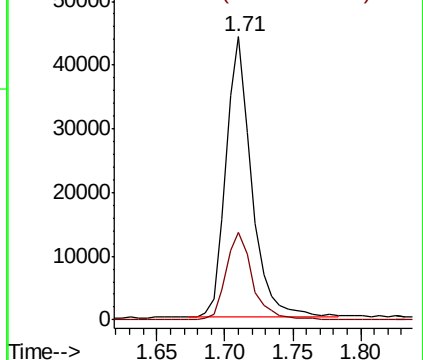
64 100

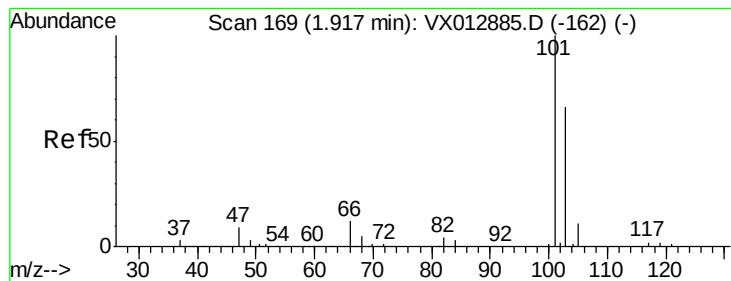
66 31.0 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



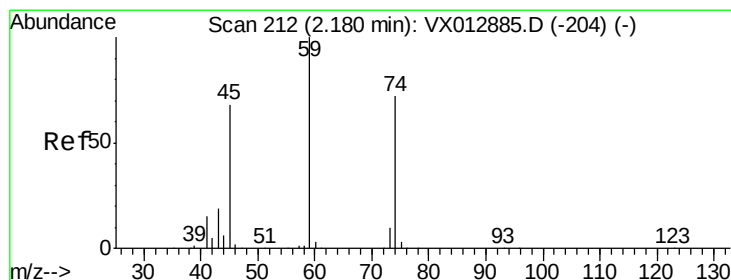
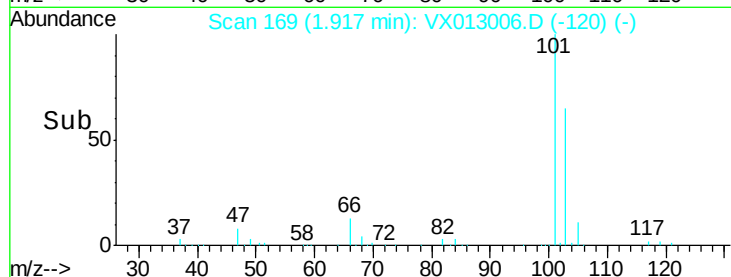
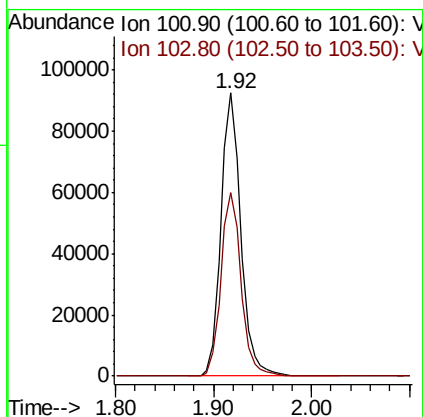
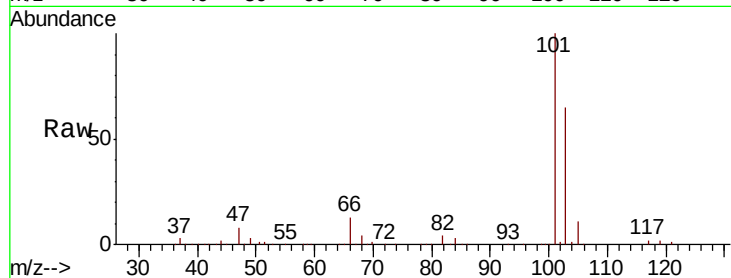


#7

Trichlorofluoromethane
Concen: 51.988 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX013006.D
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FA19-JMW1964MS

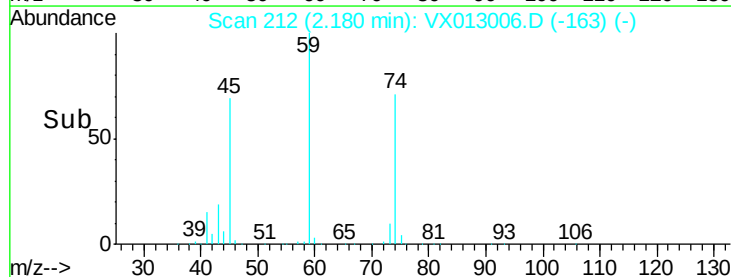
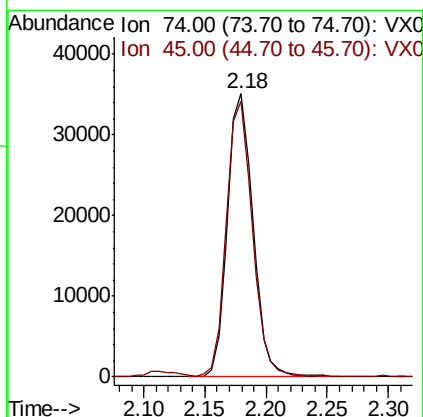
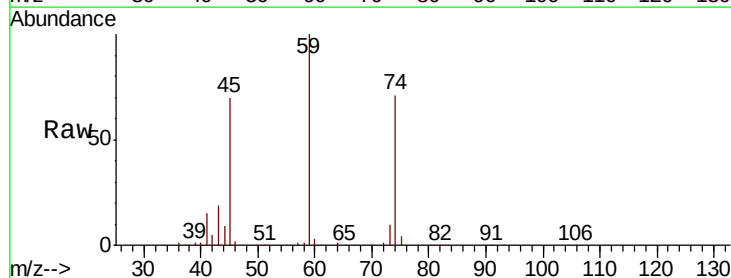
Tot Ion:101 Resp: 130581
Ion Ratio Lower Upper
101 100
103 64.8 52.5 78.7

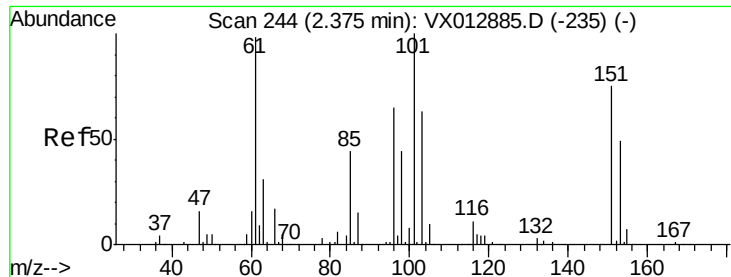


#8

Diethyl Ether
Concen: 49.972 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX013006.D
Acq: 10 Oct 2019 19:13

Tgt Ion: 74 Resp: 50663
Ion Ratio Lower Upper
74 100
45 99.4 47.8 143.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.688 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.01 min

Lab File: VX013006.D

Acq: 10 Oct 2019 19:13

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW1964MS

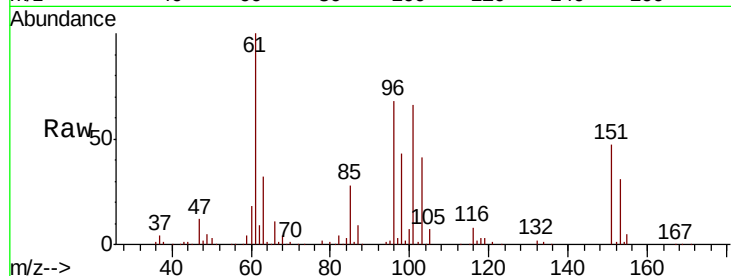
Tot Ion:101 Resp: 82397

Ion Ratio Lower Upper

101 100

85 43.0 35.2 52.8

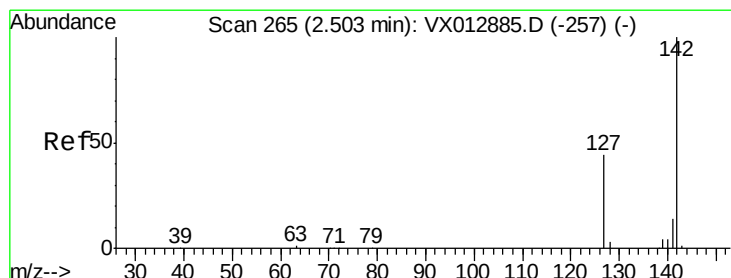
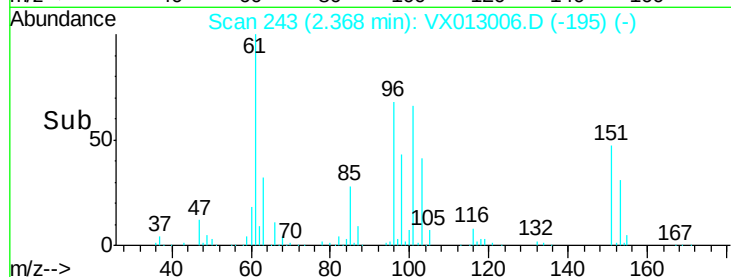
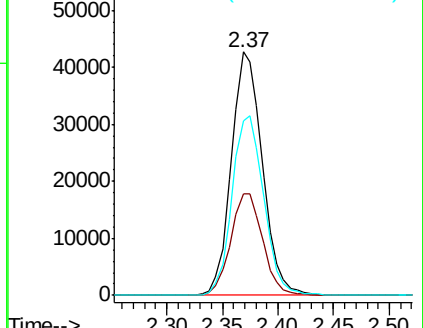
151 75.4 60.3 90.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 52.495 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX013006.D

Acq: 10 Oct 2019 19:13

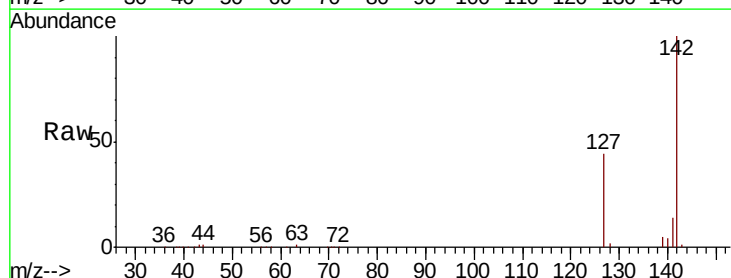
Tgt Ion:142 Resp: 97194

Ion Ratio Lower Upper

142 100

127 44.8 34.9 52.3

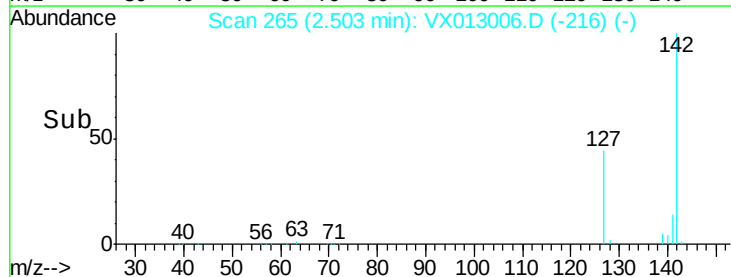
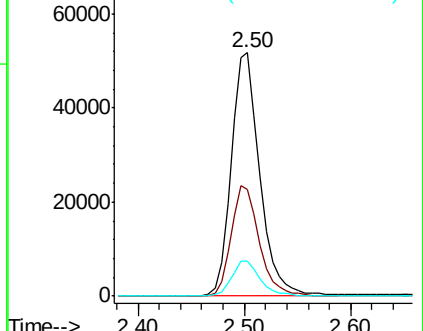
141 14.4 11.6 17.4

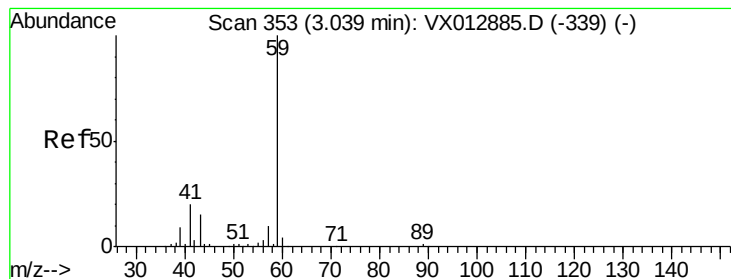


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



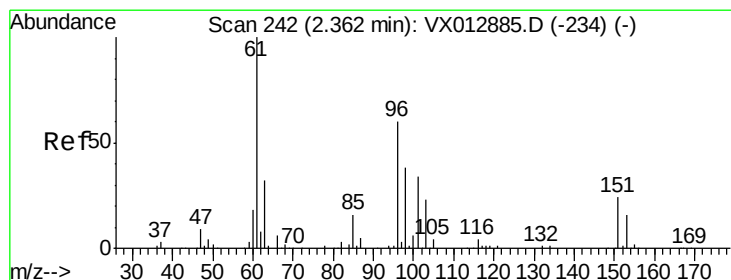
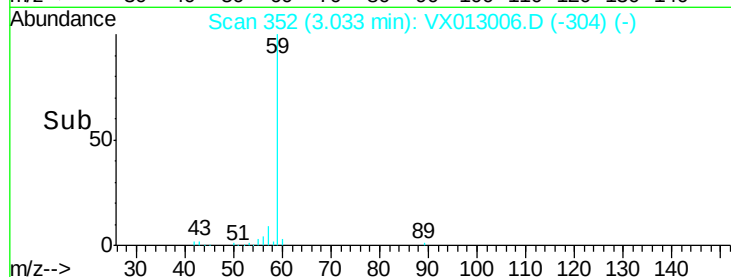
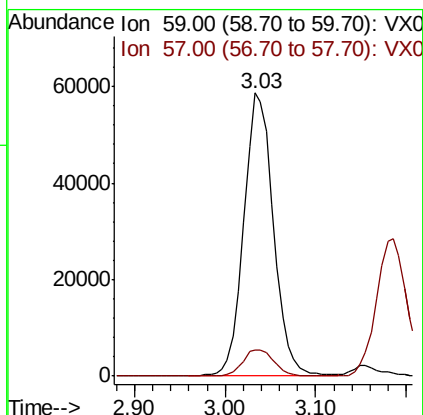
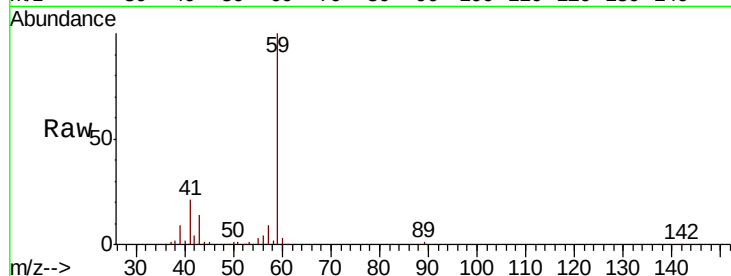


#11

Tert butyl alcohol
 Concen: 246.821 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VX013006.D
 Acq: 10 Oct 2019 19:13

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW1964MS

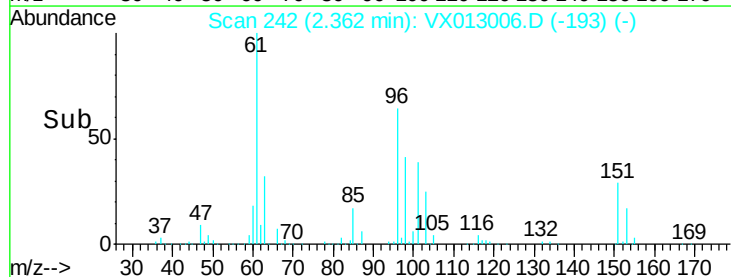
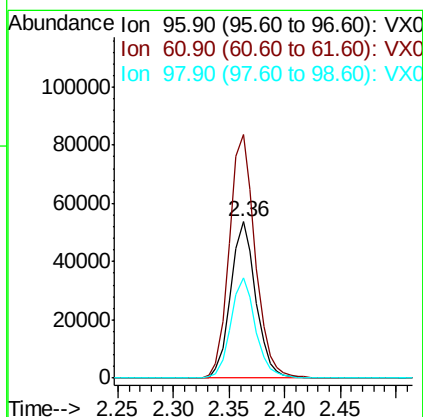
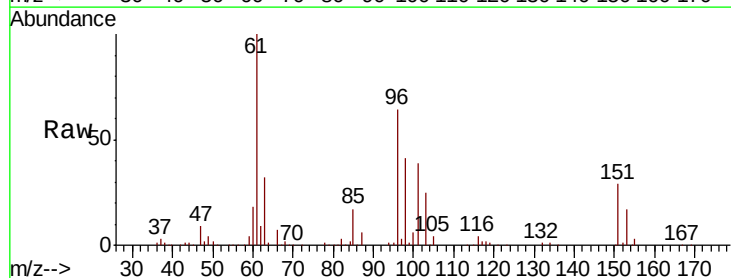
Tot Ion: 59 Resp: 132913
 Ion Ratio Lower Upper
 59 100
 57 9.9 8.3 12.5

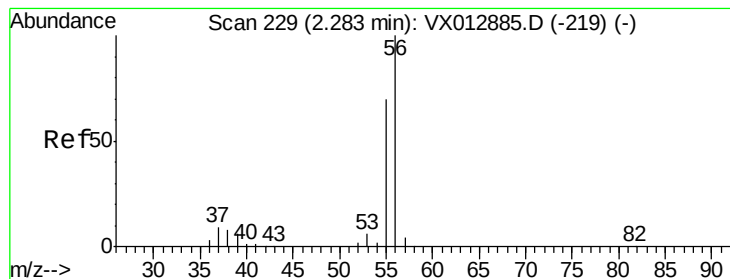


#12

1,1-Dichloroethene
 Concen: 51.542 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. -0.00 min
 Lab File: VX013006.D
 Acq: 10 Oct 2019 19:13

Tgt Ion: 96 Resp: 84654
 Ion Ratio Lower Upper
 96 100
 61 155.6 132.2 198.4
 98 63.9 50.5 75.7





#13

Acrolein

Concen: 238.875 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX013006.D

Acq: 10 Oct 2019 19:13

Instrument :

MSVOA_X

ClientSampleId :

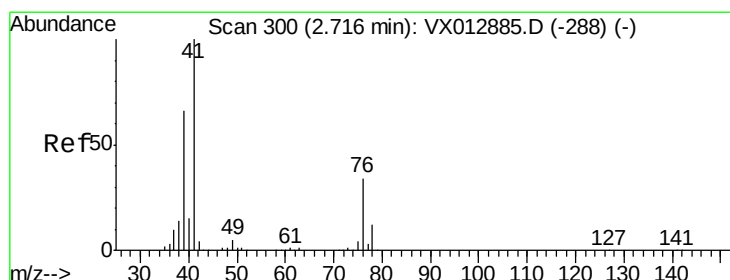
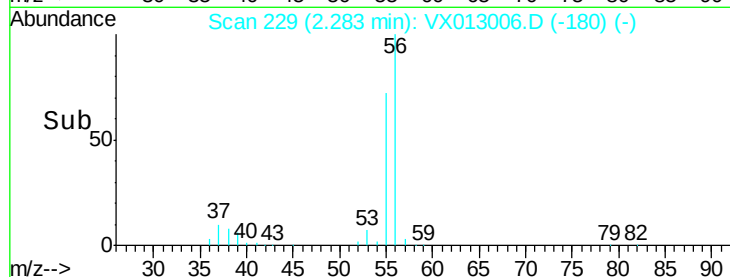
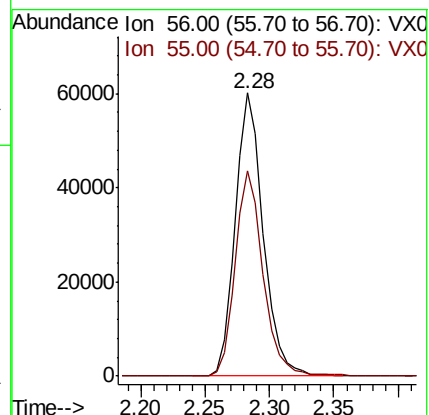
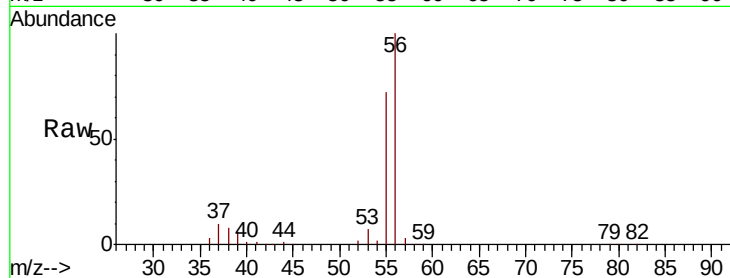
FA19-JMW1964MS

Tot Ion: 56 Resp: 91415

Ion Ratio Lower Upper

56 100

55 71.5 56.6 85.0



#14

Allyl chloride

Concen: 50.976 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX013006.D

Acq: 10 Oct 2019 19:13

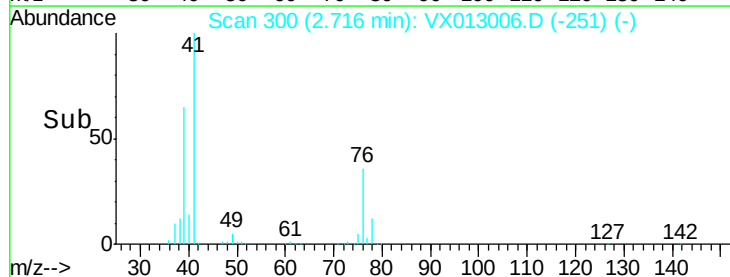
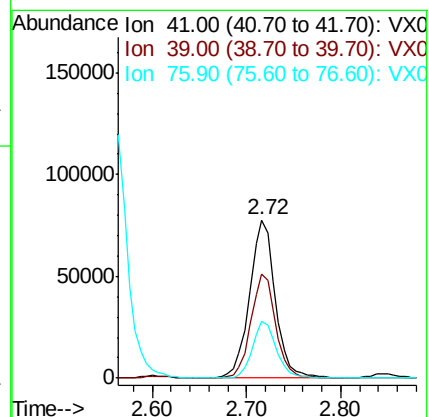
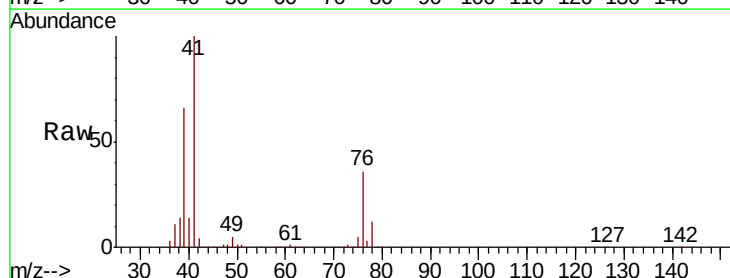
Tgt Ion: 41 Resp: 149099

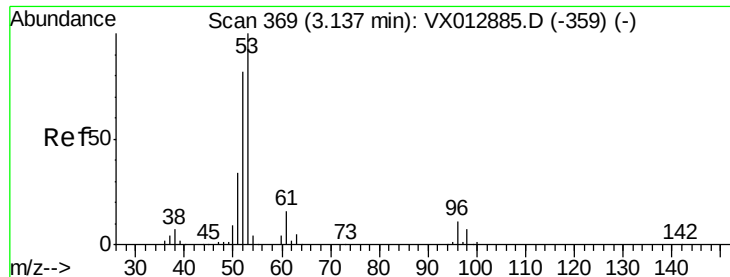
Ion Ratio Lower Upper

41 100

39 63.1 51.0 76.6

76 33.2 26.2 39.4





#15

Acrylonitrile

Concen: 265.657 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.01 min

Lab File: VX013006.D

Acq: 10 Oct 2019 19:13

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW1964MS

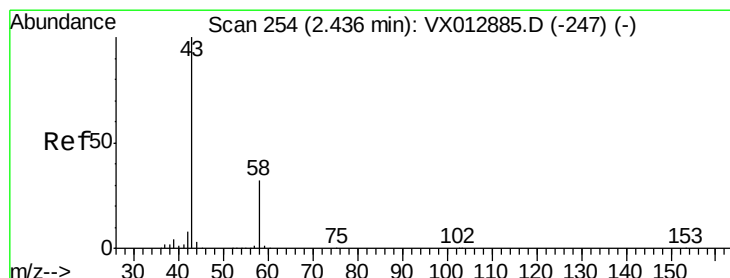
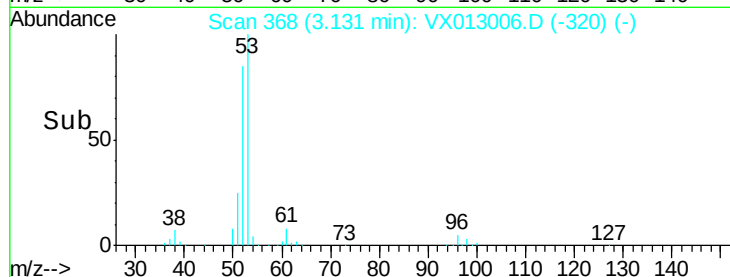
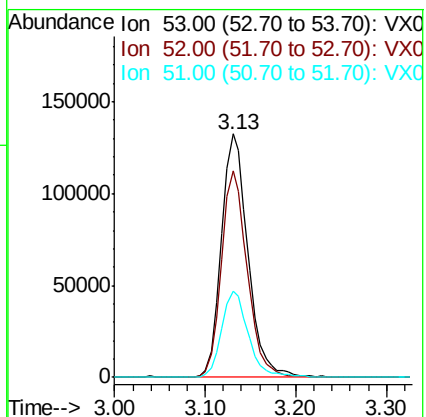
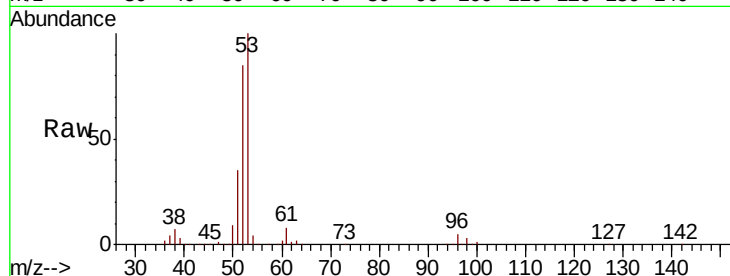
Tot Ion: 53 Resp: 271102

Ion Ratio Lower Upper

53 100

52 82.5 66.2 99.2

51 35.8 28.2 42.4



#16

Acetone

Concen: 216.905 ug/l

RT: 2.44 min Scan# 254

Delta R.T. -0.00 min

Lab File: VX013006.D

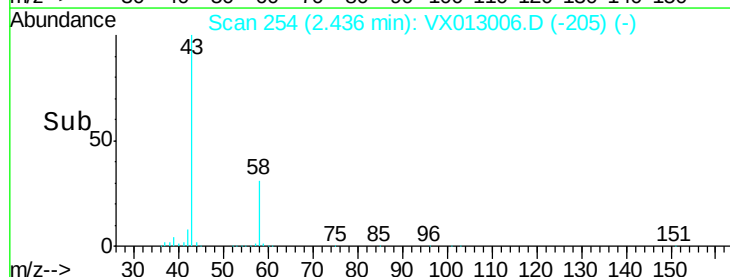
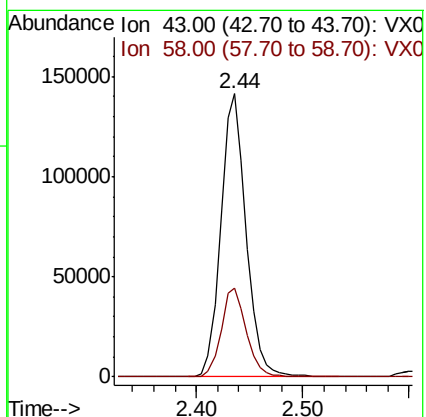
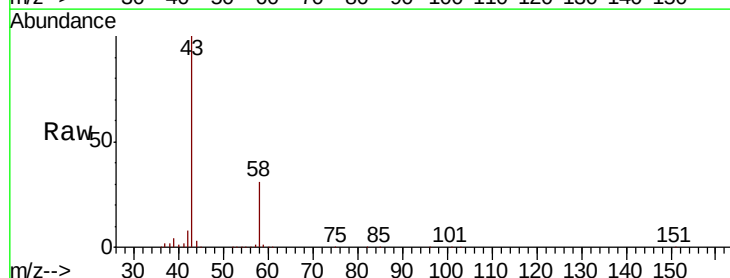
Acq: 10 Oct 2019 19:13

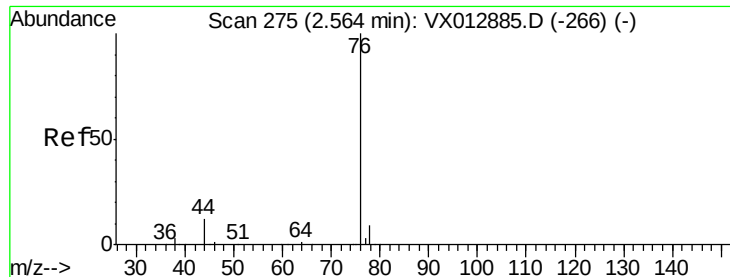
Tgt Ion: 43 Resp: 232249

Ion Ratio Lower Upper

43 100

58 31.3 25.4 38.2





#17

Carbon Disulfide

Concen: 47.449 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.01 min

Lab File: VX013006.D

Acq: 10 Oct 2019 19:13

Instrument :

MSVOA_X

ClientSampleId :

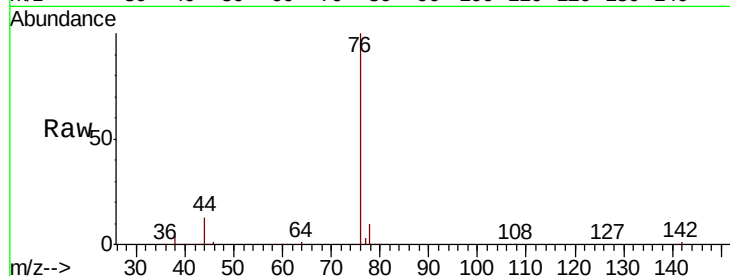
FA19-JMW1964MS

Tot Ion: 76 Resp: 222213

Ion Ratio Lower Upper

76 100

78 9.6 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

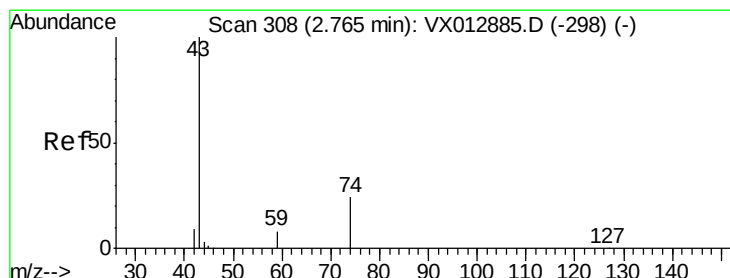
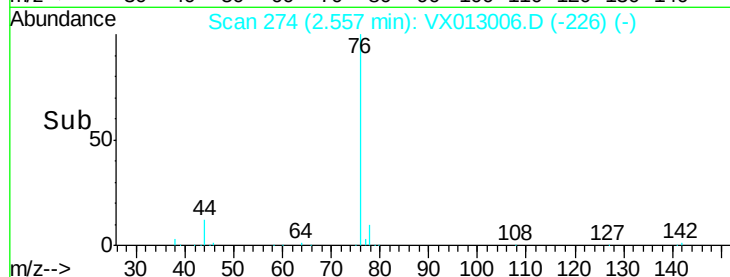
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 48.329 ug/l

RT: 2.76 min Scan# 308

Delta R.T. -0.00 min

Lab File: VX013006.D

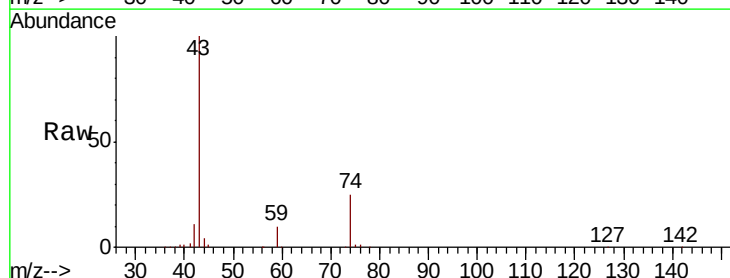
Acq: 10 Oct 2019 19:13

Tgt Ion: 43 Resp: 122656

Ion Ratio Lower Upper

43 100

74 24.4 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

80000

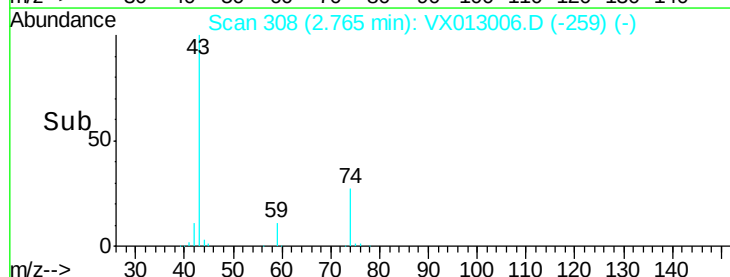
60000

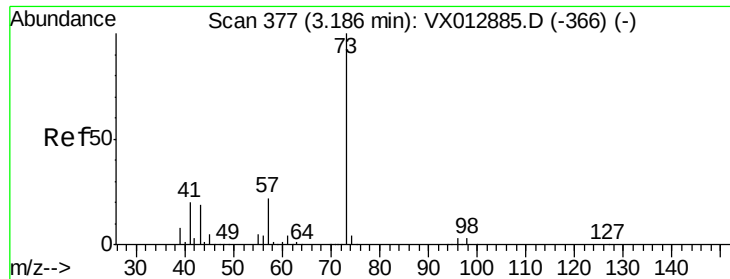
40000

20000

0

Time-->

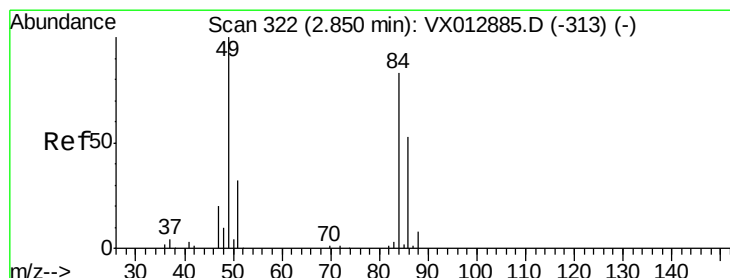
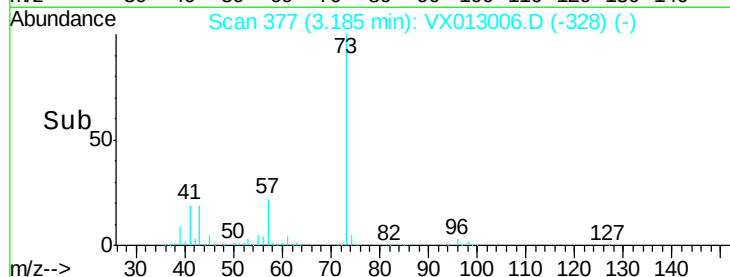
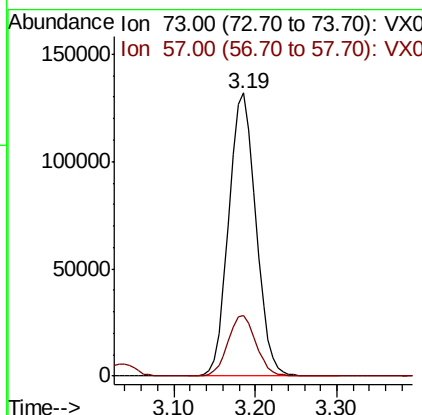
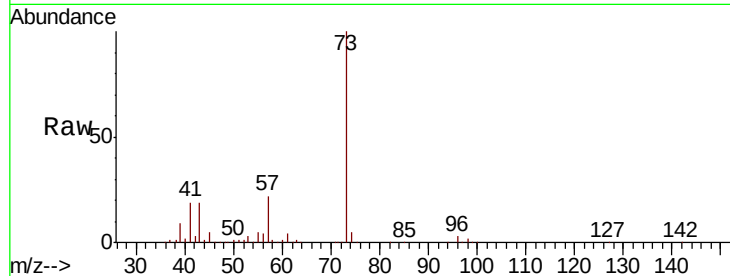




#19
Methyl tert-butyl Ether
Concen: 53.476 ug/l
RT: 3.19 min Scan# 377
Delta R.T. -0.00 min
Lab File: VX013006.D
Acq: 10 Oct 2019 19:13

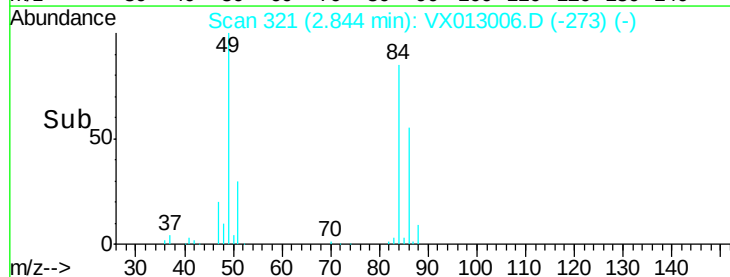
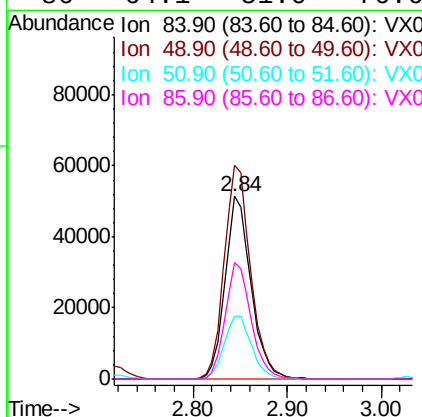
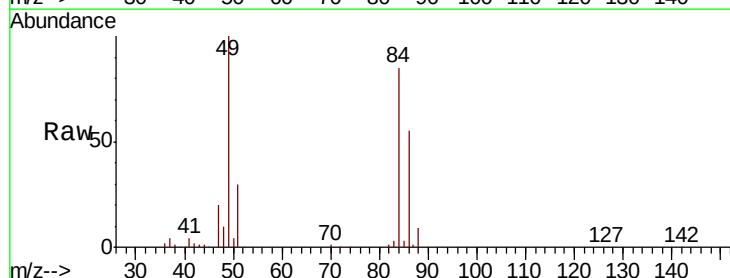
Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW1964MS

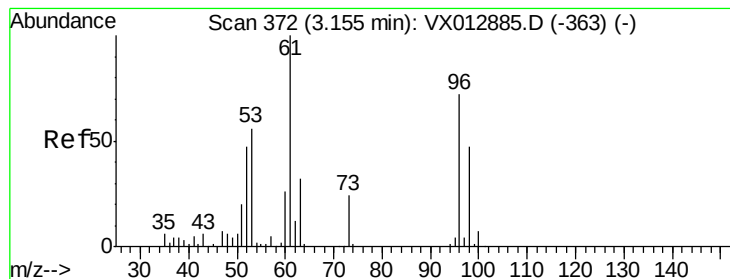
Tot Ion: 73 Resp: 303310
Ion Ratio Lower Upper
73 100
57 21.6 17.8 26.6



#20
Methylene Chloride
Concen: 49.684 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX013006.D
Acq: 10 Oct 2019 19:13

Tgt Ion: 84 Resp: 97769
Ion Ratio Lower Upper
84 100
49 117.0 96.6 144.8
51 34.6 30.7 46.1
86 64.1 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 52.668 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013006.D

Acq: 10 Oct 2019 19:13

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW1964MS

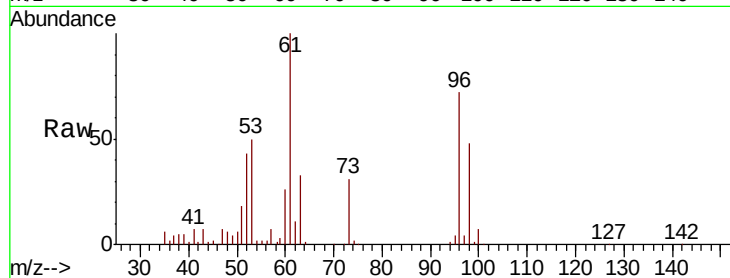
Tot Ion: 96 Resp: 92715

Ion Ratio Lower Upper

96 100

61 138.4 110.4 165.6

98 66.0 51.5 77.3

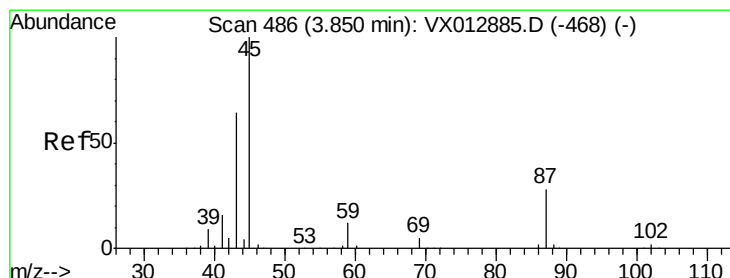
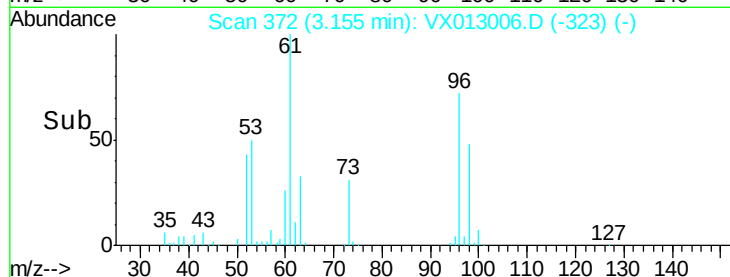
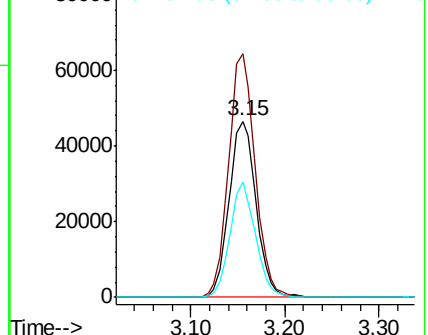


Abundance

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: 53.260 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.01 min

Lab File: VX013006.D

Acq: 10 Oct 2019 19:13

Tgt Ion: 45 Resp: 298505

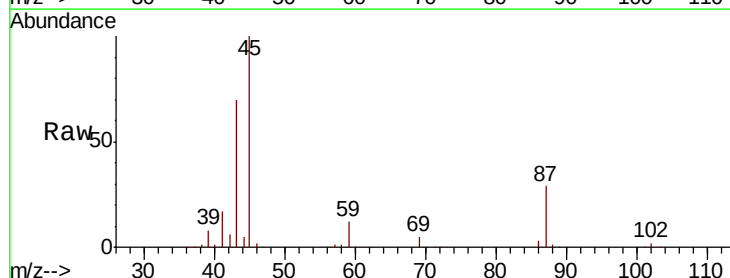
Ion Ratio Lower Upper

45 100

43 69.5 51.4 77.0

87 28.5 22.5 33.7

59 11.8 9.7 14.5



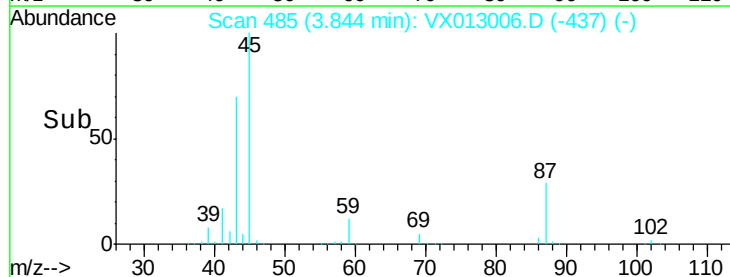
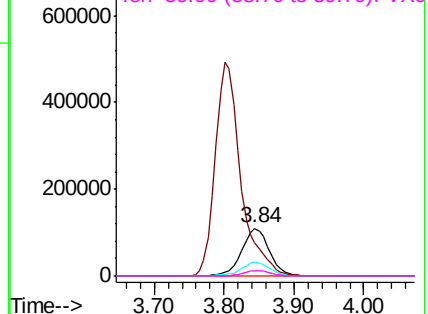
Abundance

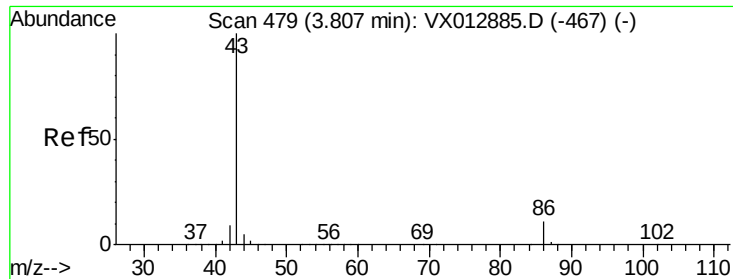
Ion 45.00 (44.70 to 45.70): VX0

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: 259.420 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX013006.D

Acq: 10 Oct 2019 19:13

Instrument :

MSVOA_X

ClientSampleId :

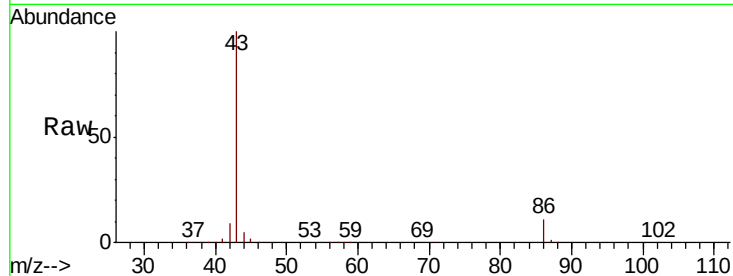
FA19-JMW1964MS

Tot Ion: 43 Resp: 1255172

Ion Ratio Lower Upper

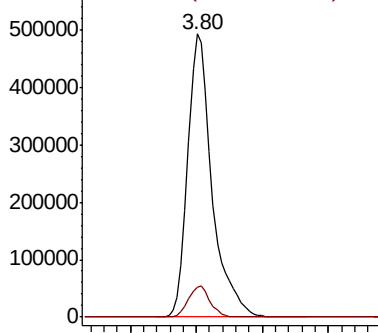
43 100

86 10.8 9.0 13.6

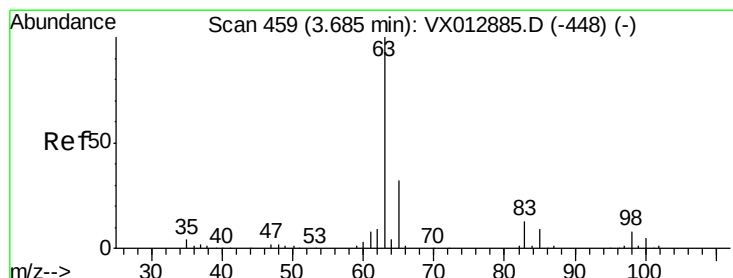
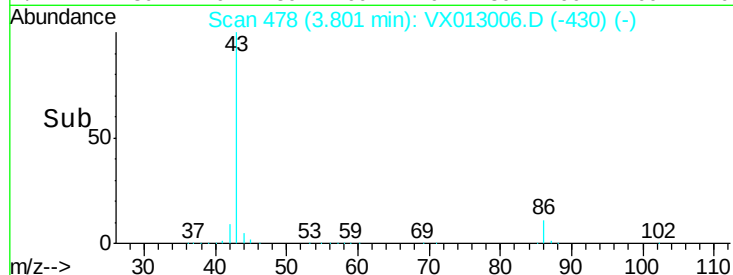


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



Time-->



#24

1,1-Dichloroethane

Concen: 53.109 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013006.D

Acq: 10 Oct 2019 19:13

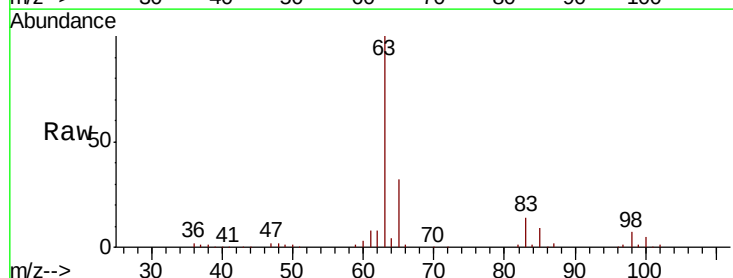
Tgt Ion: 63 Resp: 167456

Ion Ratio Lower Upper

63 100

98 7.1 3.9 11.5

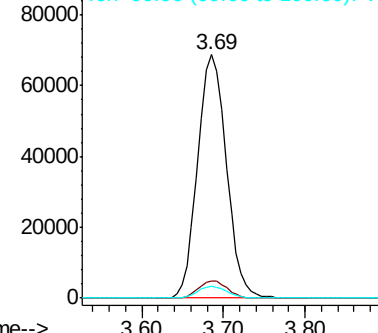
100 4.9 2.3 6.9



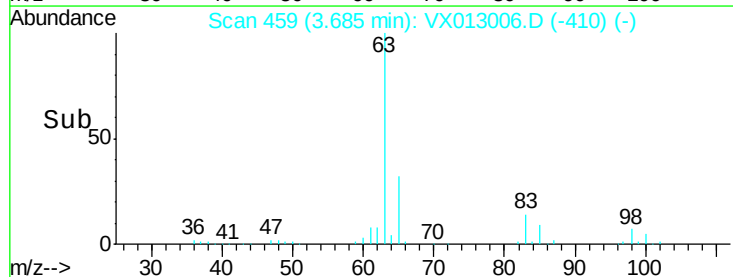
Abundance Ion 62.90 (62.60 to 63.60): VX0

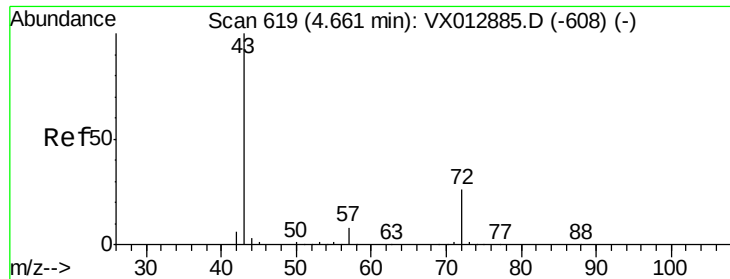
Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



Time-->





#25

2-Butanone

Concen: 251.955 ug/l

RT: 4.66 min Scan# 619

Delta R.T. -0.00 min

Lab File: VX013006.D

Acq: 10 Oct 2019 19:13

Instrument :

MSVOA_X

ClientSampleId :

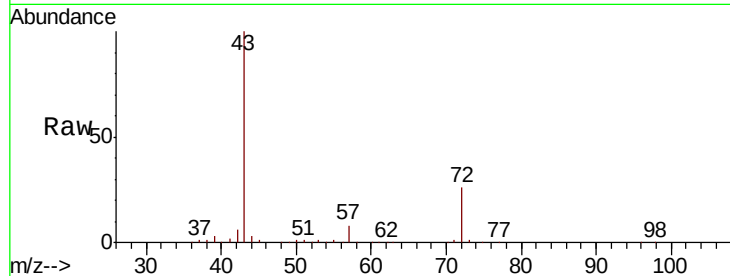
FA19-JMW1964MS

Tot Ion: 43 Resp: 374280

Ion Ratio Lower Upper

43 100

72 26.3 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

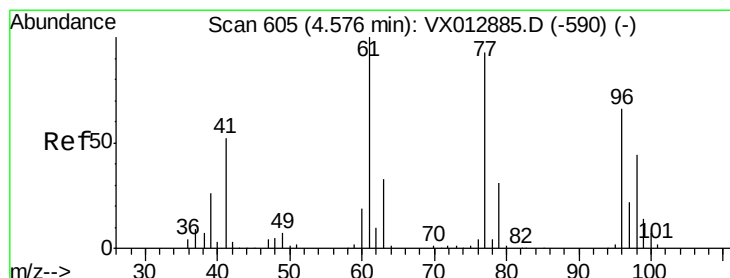
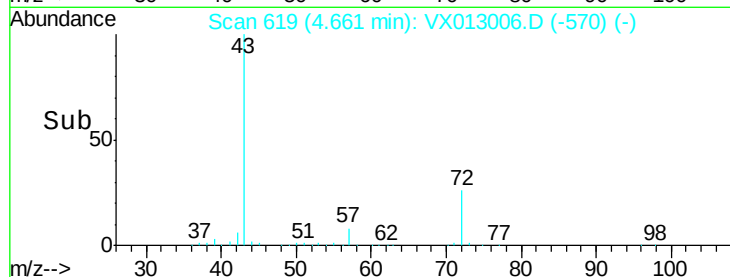
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 44.535 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX013006.D

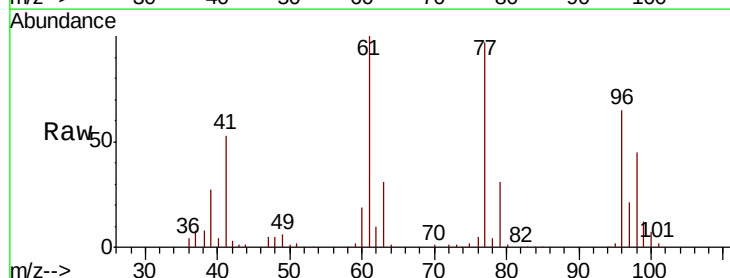
Acq: 10 Oct 2019 19:13

Tgt Ion: 77 Resp: 118081

Ion Ratio Lower Upper

77 100

97 23.4 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

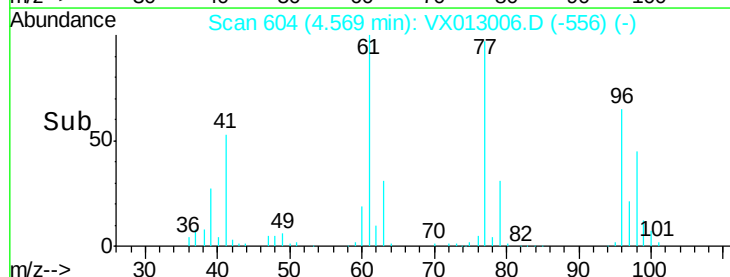
20000

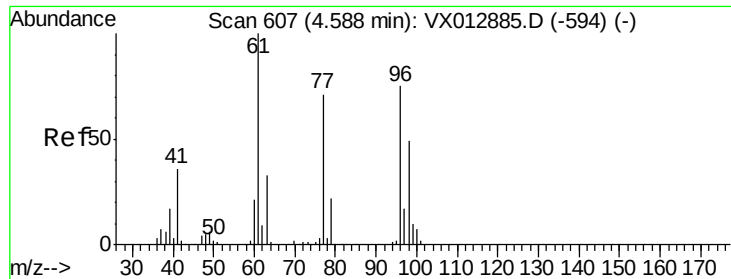
10000

0

4.40 4.50 4.60 4.70

Time-->



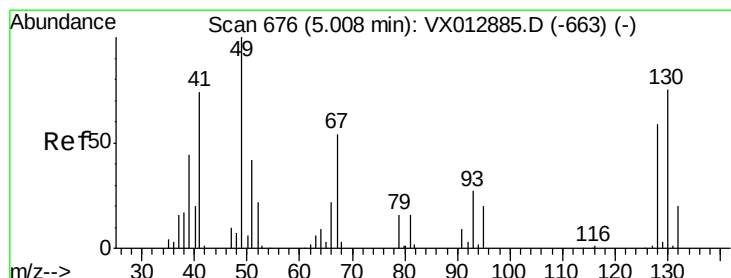
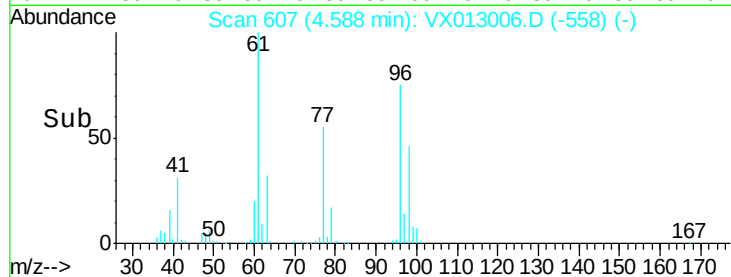
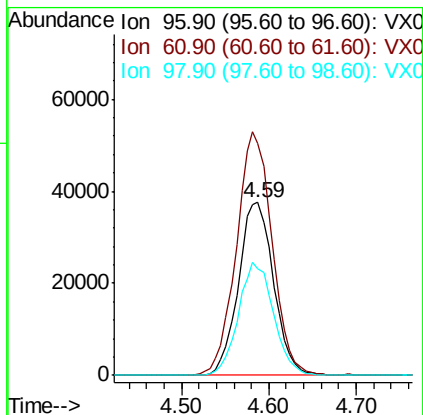
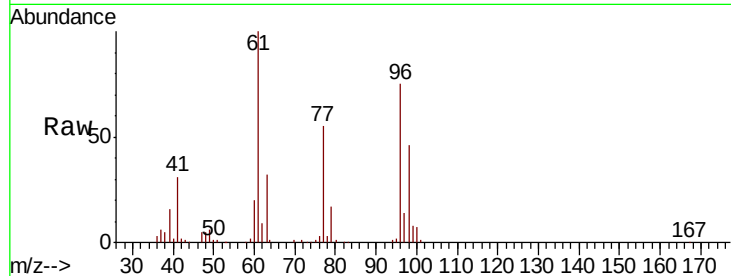


#27

cis-1,2-Dichloroethene
Concen: 51.869 ug/l
RT: 4.59 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX013006.D
Acq: 10 Oct 2019 19:13

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW1964MS

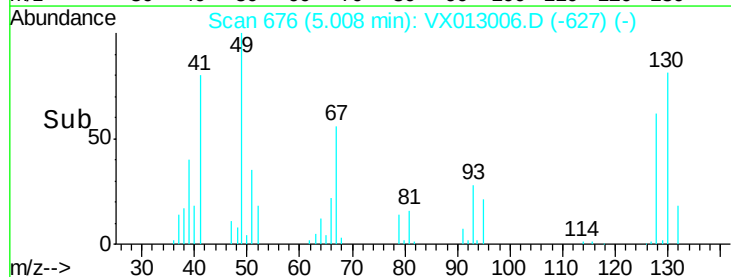
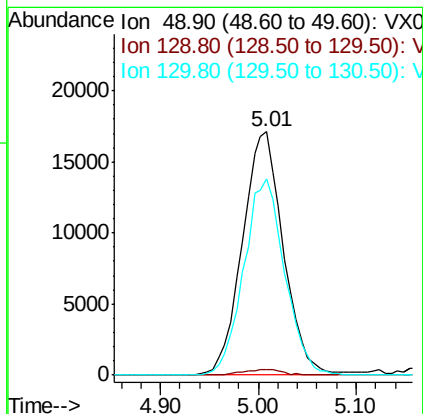
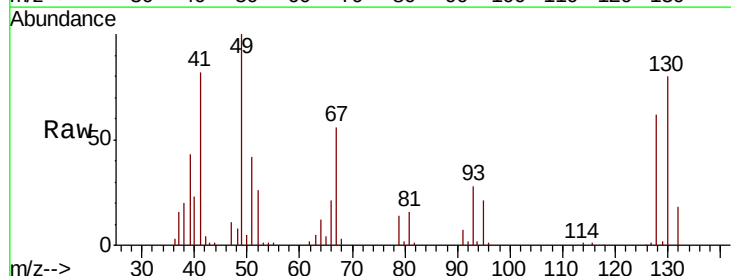
Tot Ion	Ratio	Lower	Upper
96	100		
61	142.9	0.0	290.6
98	65.1	0.0	128.8

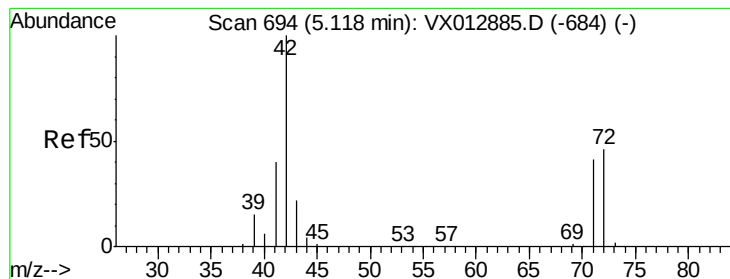


#28

Bromochloromethane
Concen: 52.685 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: VX013006.D
Acq: 10 Oct 2019 19:13

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.2
130	80.8	62.1	93.1





#29

Tetrahydrofuran

Concen: 262.987 ug/l

RT: 5.12 min Scan# 694

Delta R.T. -0.00 min

Lab File: VX013006.D

Acq: 10 Oct 2019 19:13

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW1964MS

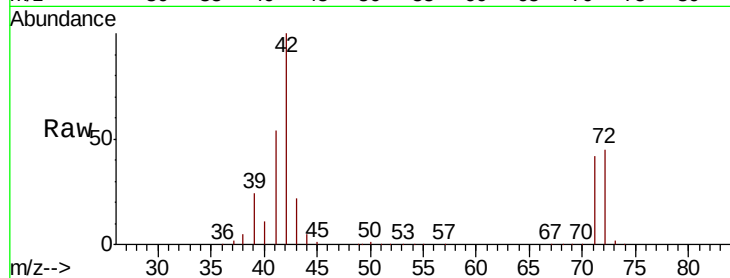
Tot Ion: 42 Resp: 240404

Ion Ratio Lower Upper

42 100

72 46.5 36.9 55.3

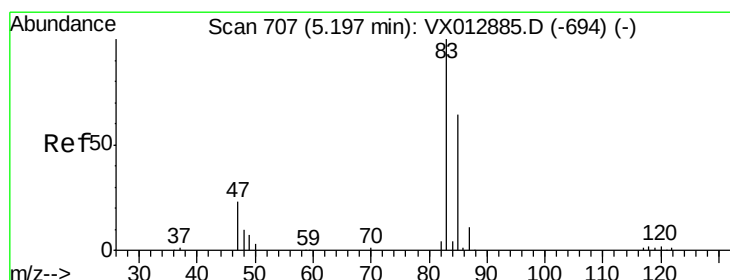
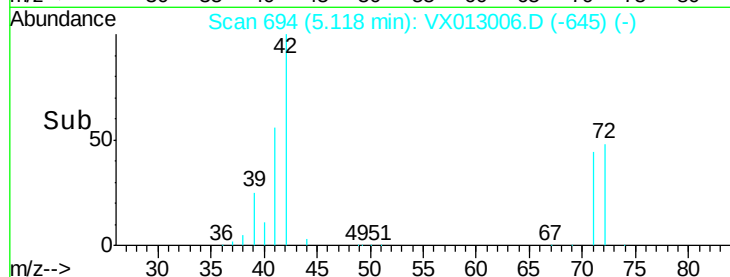
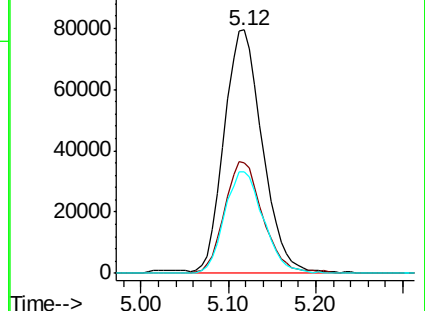
71 42.8 33.5 50.3



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: 52.203 ug/l

RT: 5.20 min Scan# 708

Delta R.T. 0.01 min

Lab File: VX013006.D

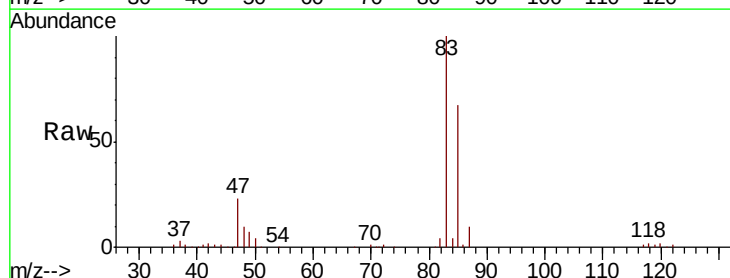
Acq: 10 Oct 2019 19:13

Tgt Ion: 83 Resp: 168891

Ion Ratio Lower Upper

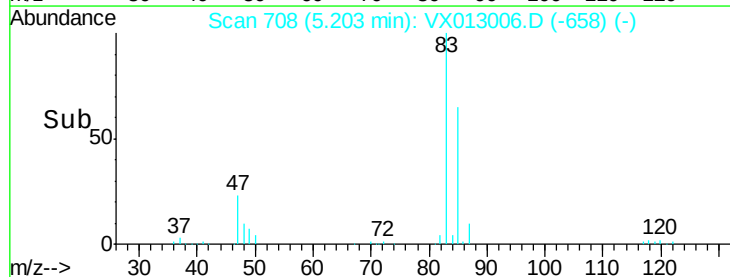
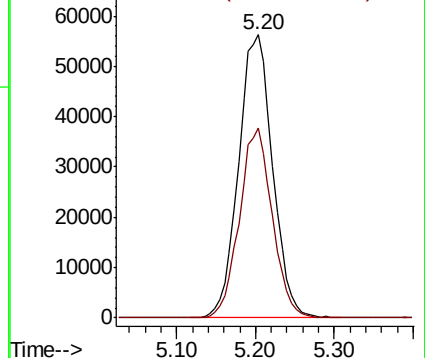
83 100

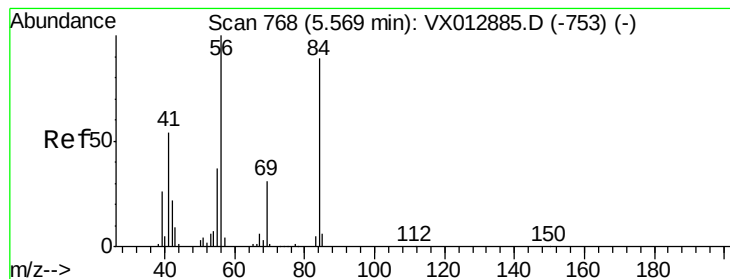
85 67.3 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 50.347 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX013006.D

Acq: 10 Oct 2019 19:13

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW1964MS

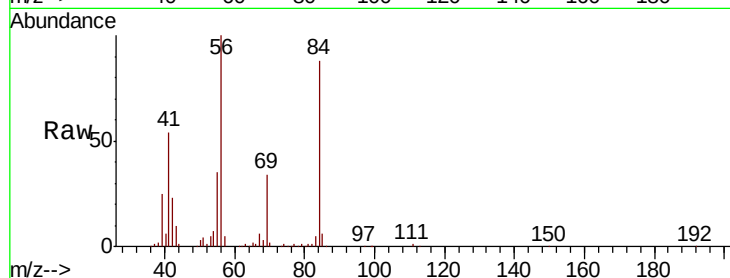
Tot Ion: 56 Resp: 148441

Ion Ratio Lower Upper

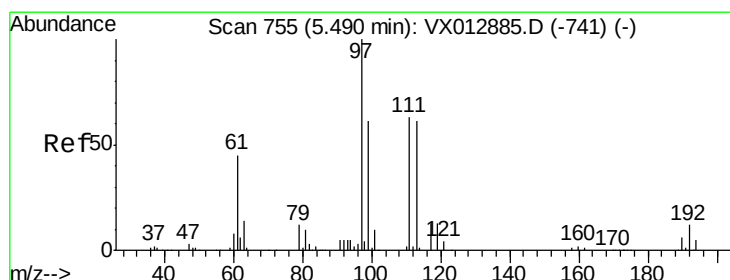
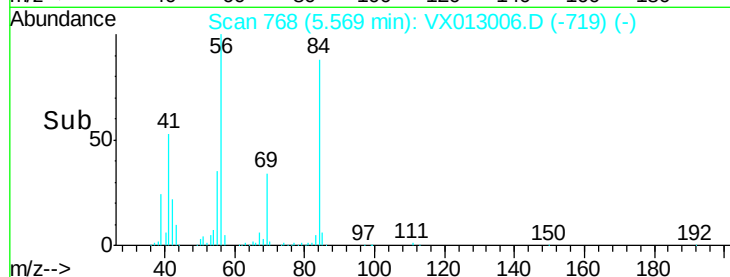
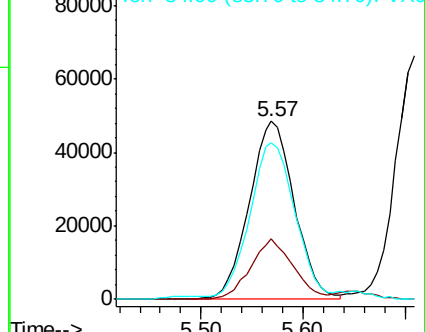
56 100

69 33.7 25.2 37.8

84 86.2 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: 54.177 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX013006.D

Acq: 10 Oct 2019 19:13

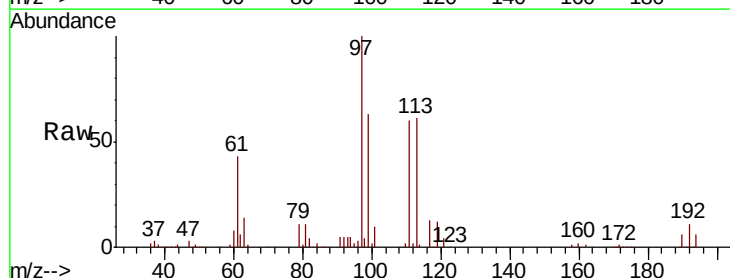
Tgt Ion: 97 Resp: 148514

Ion Ratio Lower Upper

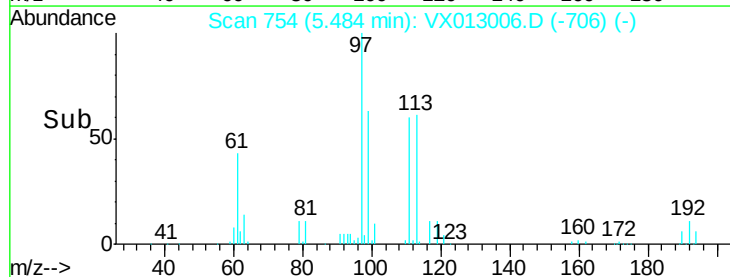
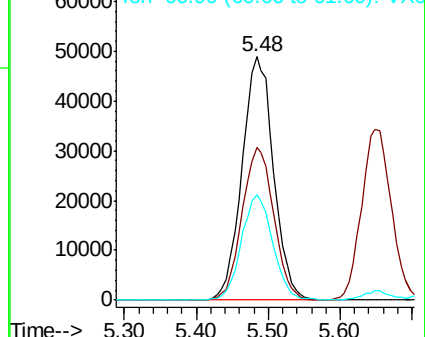
97 100

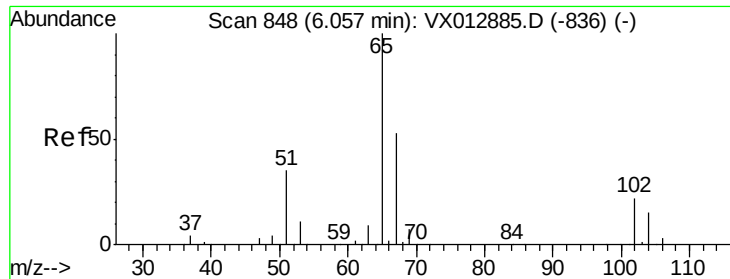
99 63.3 52.3 78.5

61 43.1 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

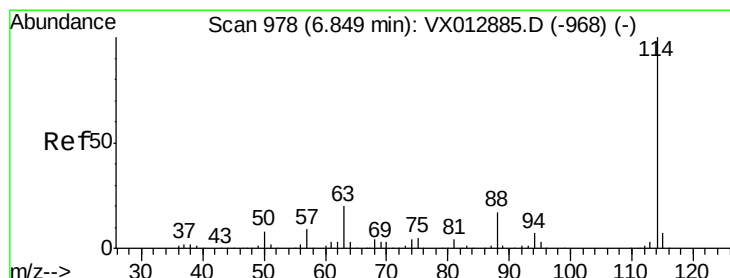
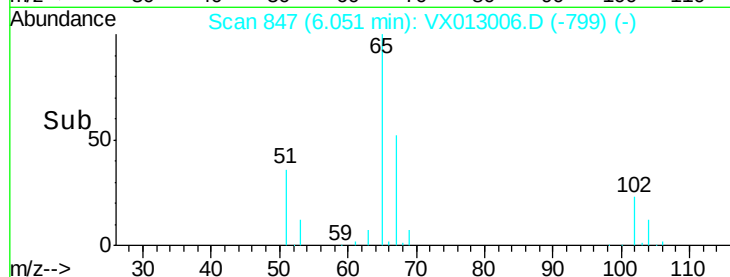
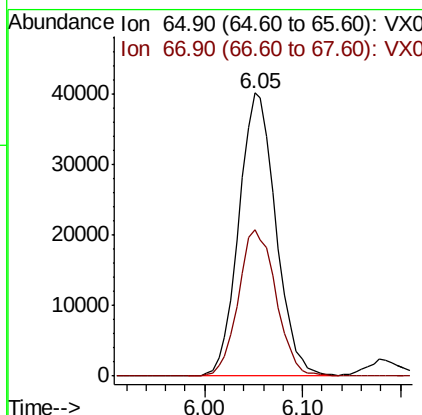
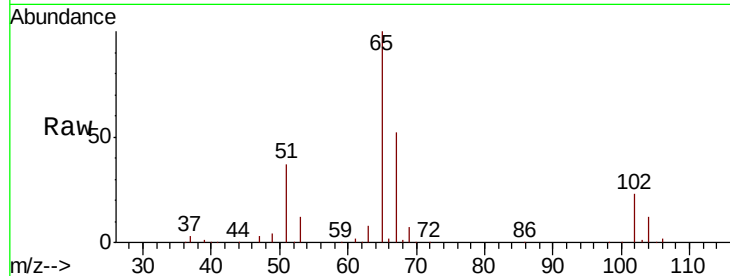




#33
 1,2-Dichloroethane-d4
 Concen: 51.792 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: VX013006.D
 Acq: 10 Oct 2019 19:13

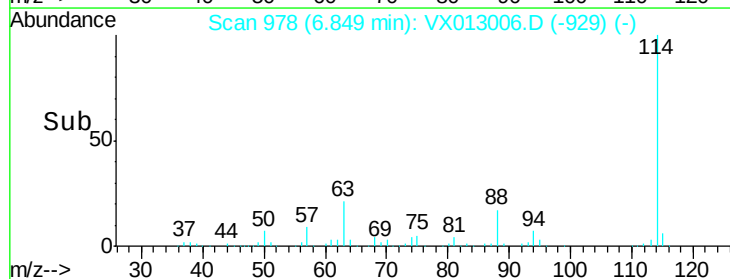
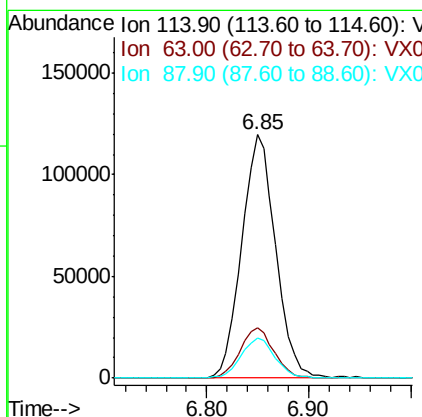
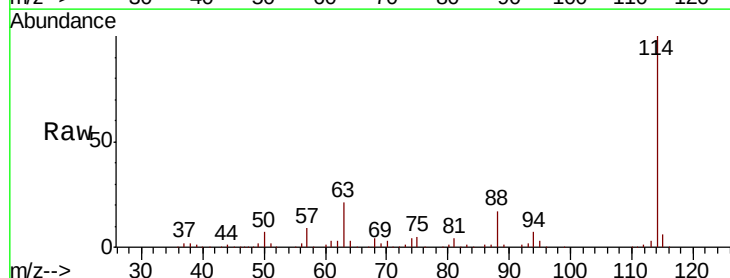
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW1964MS

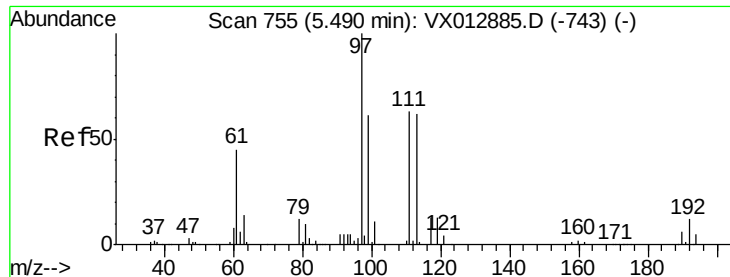
Tot Ion: 65 Resp: 105209
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013006.D
 Acq: 10 Oct 2019 19:13

Tgt Ion: 114 Resp: 276266
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 40.8
 88 16.7 0.0 33.8

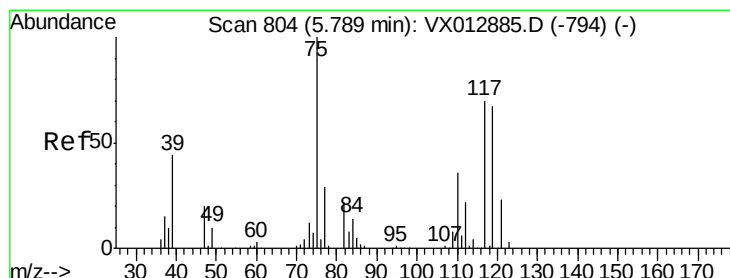
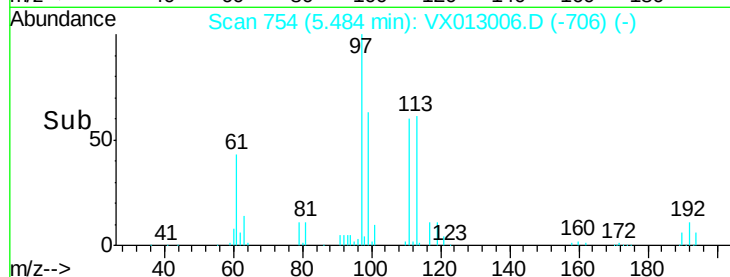
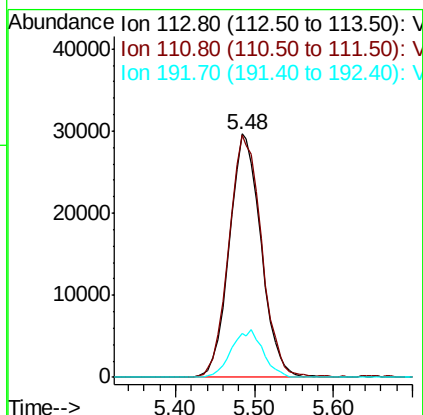
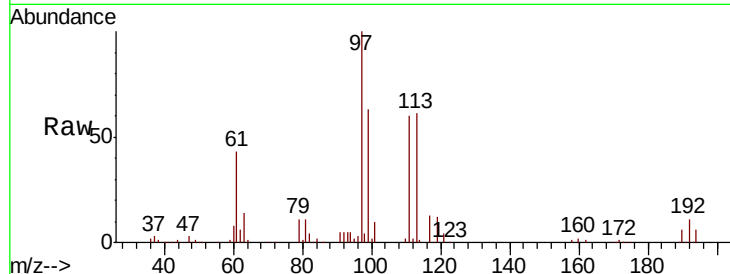




#35
Dibromofluoromethane
Concen: 52.244 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX013006.D
Acq: 10 Oct 2019 19:13

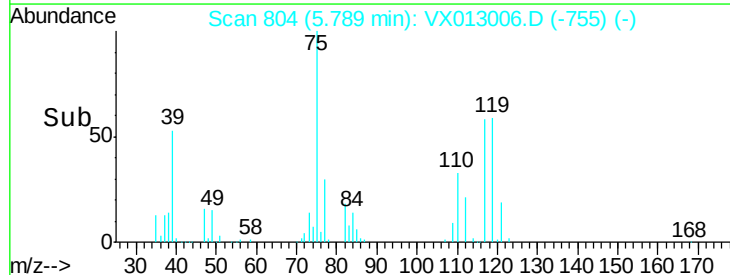
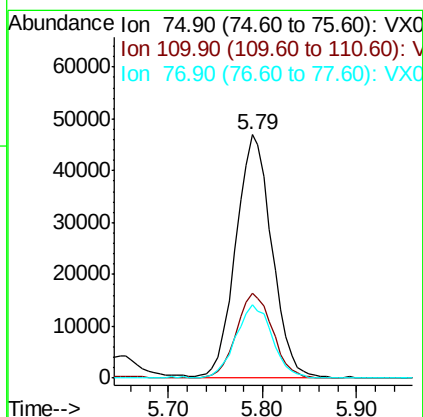
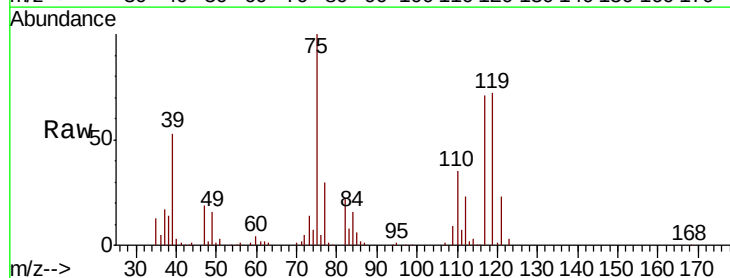
Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW1964MS

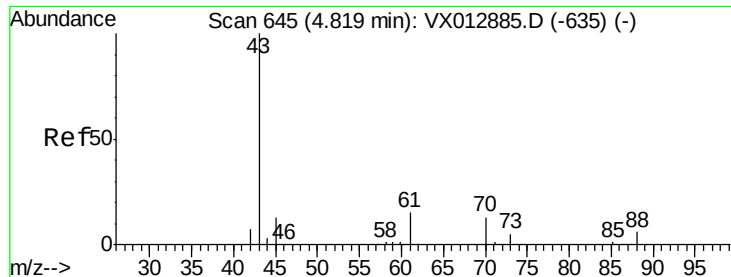
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	83.2	124.8
192	19.5	15.4	23.2



#36
1,1-Dichloropropene
Concen: 51.176 ug/l
RT: 5.79 min Scan# 804
Delta R.T. -0.00 min
Lab File: VX013006.D
Acq: 10 Oct 2019 19:13

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.2	17.6	52.9
77	30.8	24.4	36.6

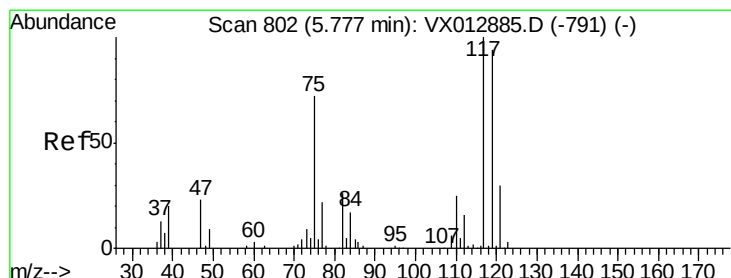
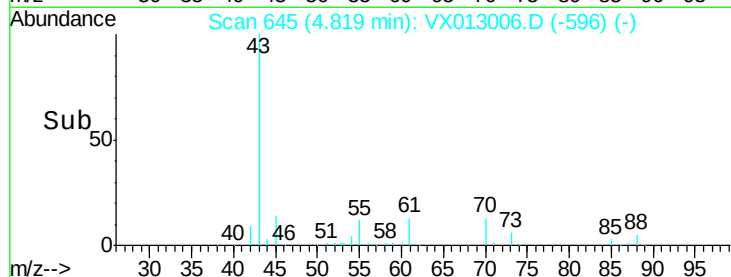
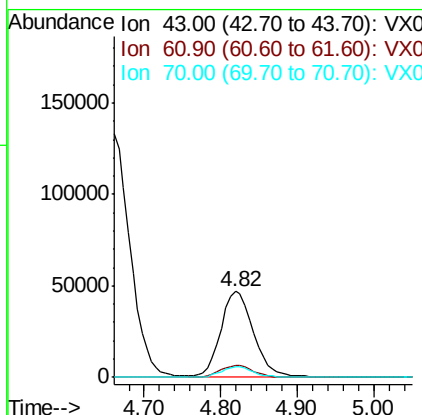
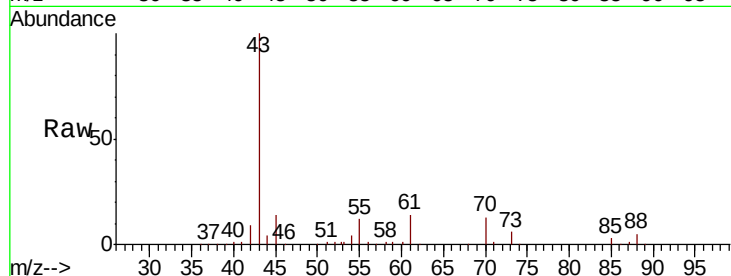




#37
Ethyl Acetate
Concen: 51.111 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013006.D
Acq: 10 Oct 2019 19:13

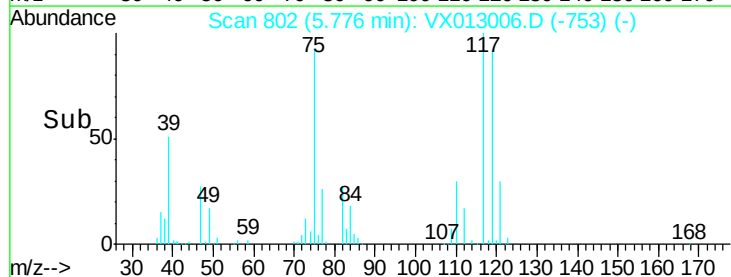
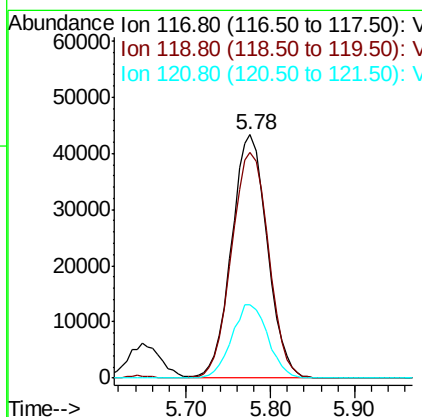
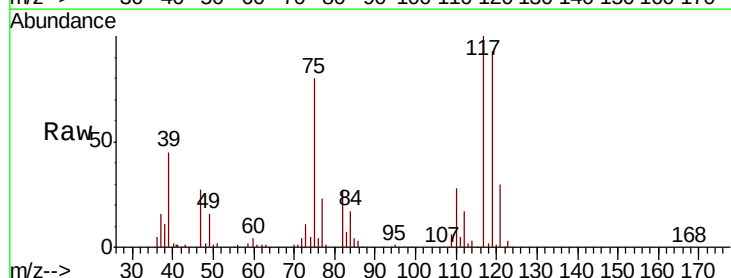
Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW1964MS

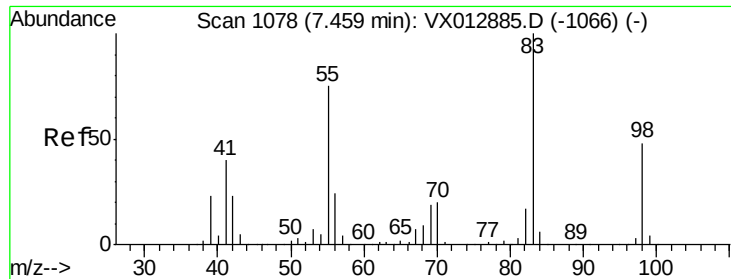
Tot Ion: 43 Resp: 138819
Ion Ratio Lower Upper
43 100
61 14.5 11.4 17.0
70 11.8 9.8 14.6



#38
Carbon Tetrachloride
Concen: 52.745 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX013006.D
Acq: 10 Oct 2019 19:13

Tgt Ion: 117 Resp: 124699
Ion Ratio Lower Upper
117 100
119 92.6 74.5 111.7
121 30.3 24.2 36.4

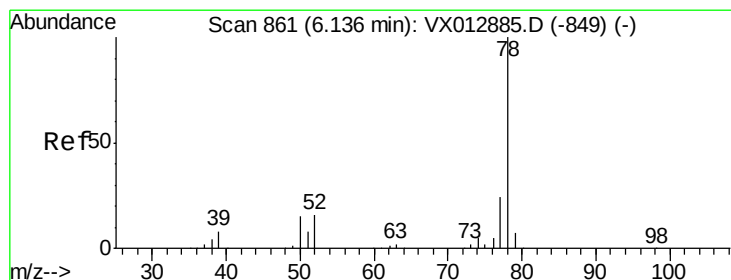
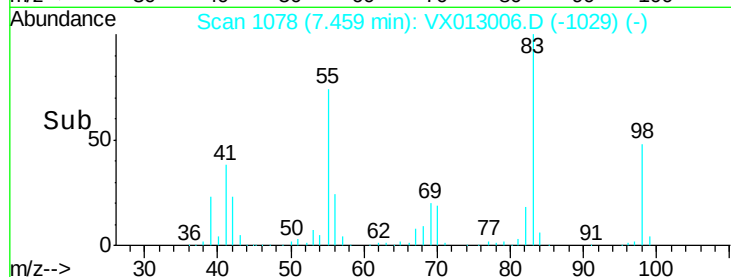
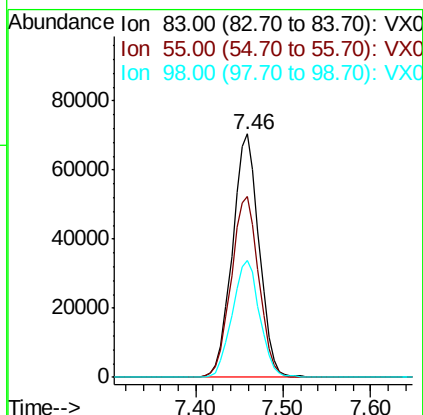
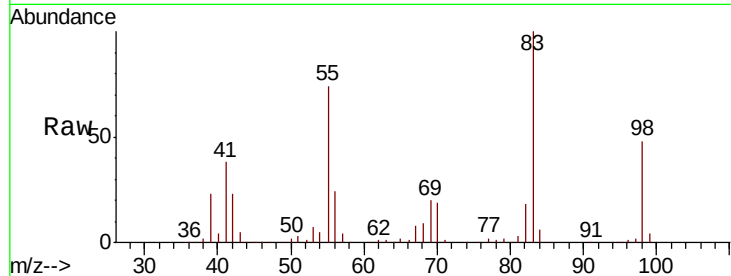




#39
Methylvlcyclohexane
Concen: 50.848 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX013006.D
Acq: 10 Oct 2019 19:13

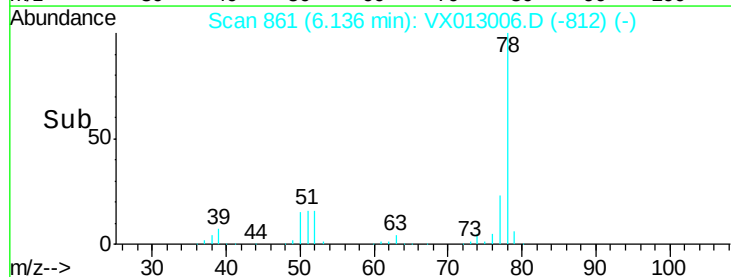
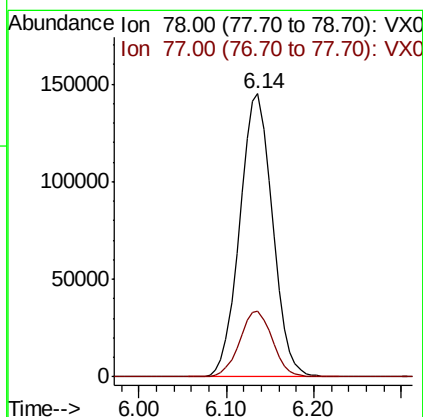
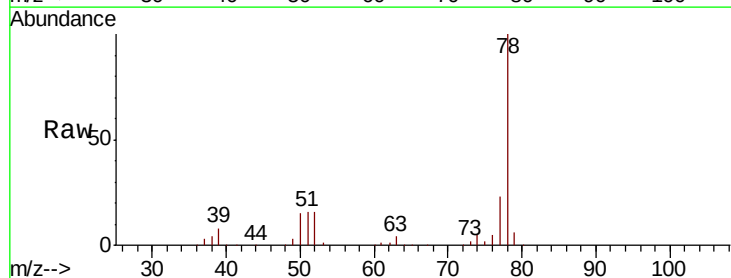
Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW1964MS

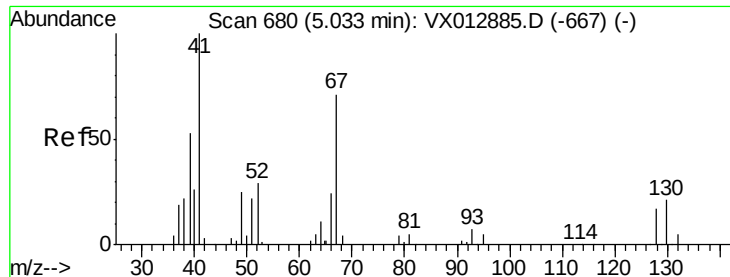
Tot Ion: 83 Resp: 149781
Ion Ratio Lower Upper
83 100
55 74.1 60.2 90.4
98 48.1 38.5 57.7



#40
Benzene
Concen: 52.762 ug/l
RT: 6.14 min Scan# 861
Delta R.T. -0.00 min
Lab File: VX013006.D
Acq: 10 Oct 2019 19:13

Tgt Ion: 78 Resp: 378511
Ion Ratio Lower Upper
78 100
77 23.1 19.0 28.4





#41

Methacrylonitrile

Concen: 52.353 ug/l

RT: 5.03 min Scan# 680

Delta R.T. -0.00 min

Lab File: VX013006.D

Acq: 10 Oct 2019 19:13

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW1964MS

Tot Ion: 41 Resp: 78133

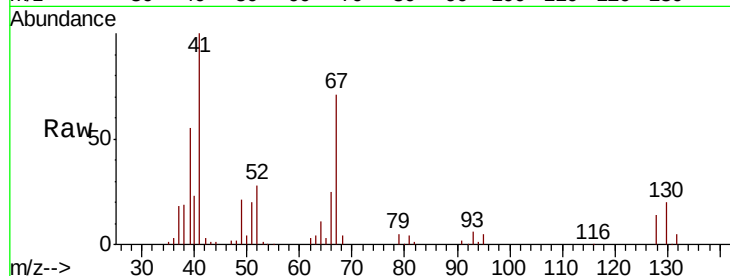
Ion Ratio Lower Upper

41 100

39 53.9 44.0 66.0

67 73.6 58.5 87.7

52 30.0 23.8 35.8

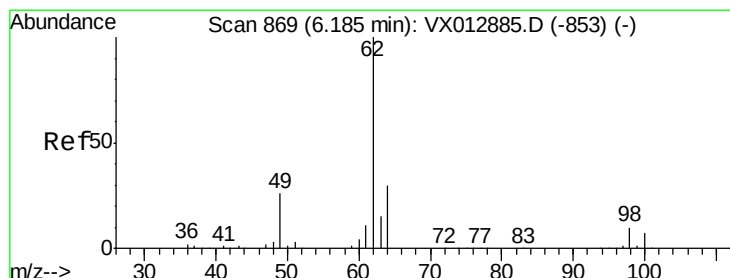
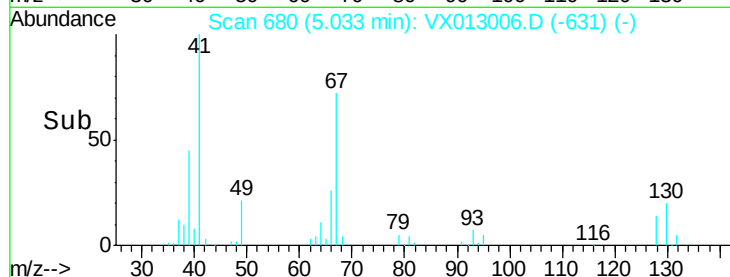
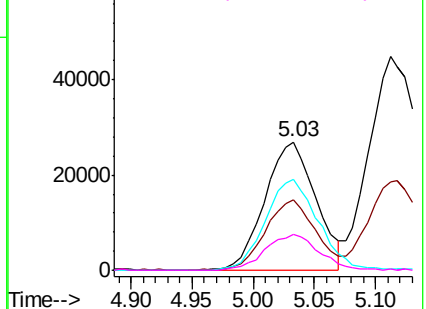


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 53.064 ug/l

RT: 6.18 min Scan# 869

Delta R.T. -0.00 min

Lab File: VX013006.D

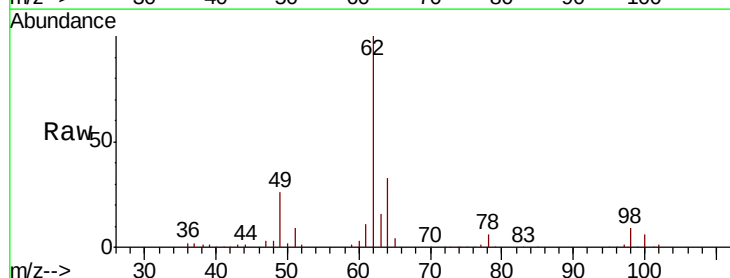
Acq: 10 Oct 2019 19:13

Tgt Ion: 62 Resp: 136599

Ion Ratio Lower Upper

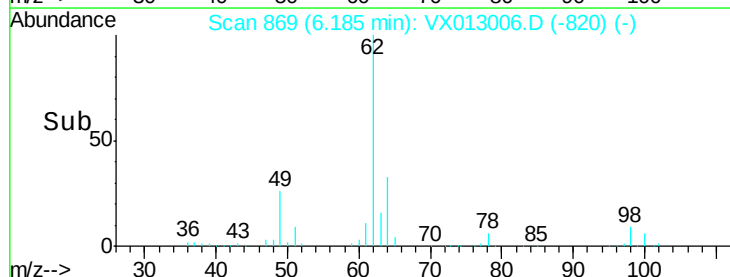
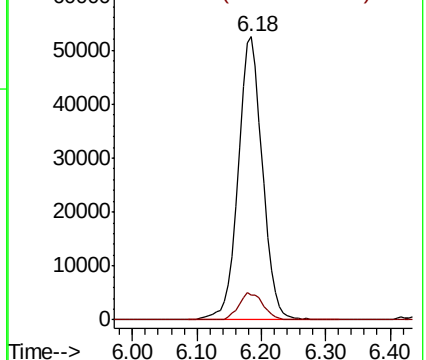
62 100

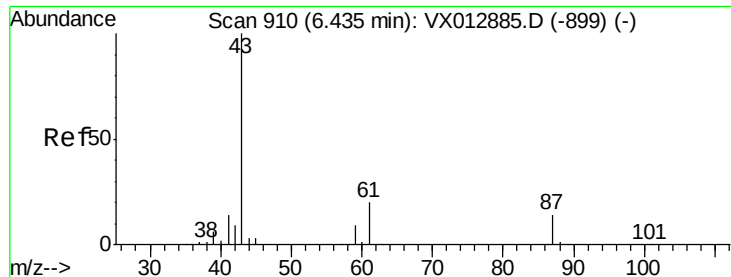
98 9.5 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 51.736 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX013006.D

Acq: 10 Oct 2019 19:13

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW1964MS

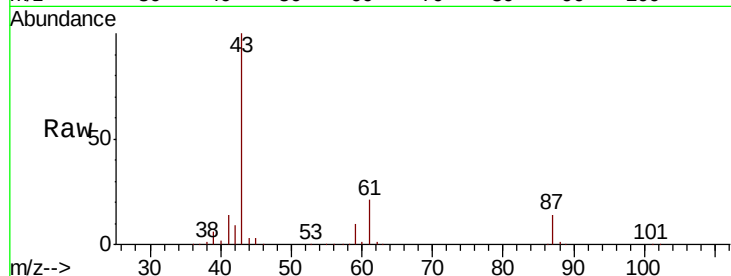
Tot Ion: 43 Resp: 225534

Ion Ratio Lower Upper

43 100

61 21.5 16.6 24.8

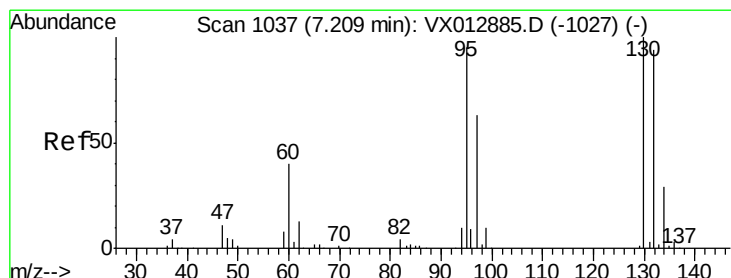
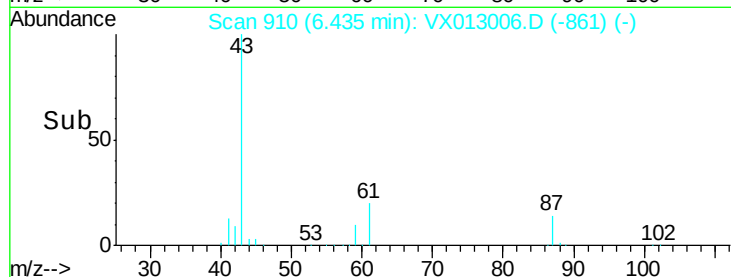
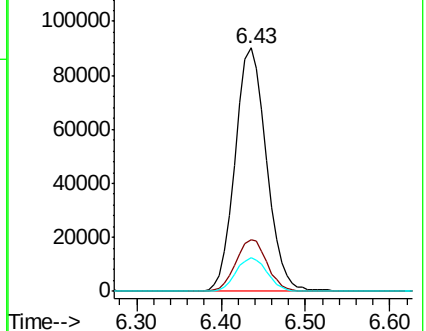
87 13.9 11.0 16.6



Abundance Ion 43.00 (42.70 to 43.70): VX012885.D (-899) (-)

Ion 61.00 (60.70 to 61.70): VX012885.D (-899) (-)

Ion 87.00 (86.70 to 87.70): VX012885.D (-899) (-)



#44

Trichloroethene

Concen: 51.641 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. -0.00 min

Lab File: VX013006.D

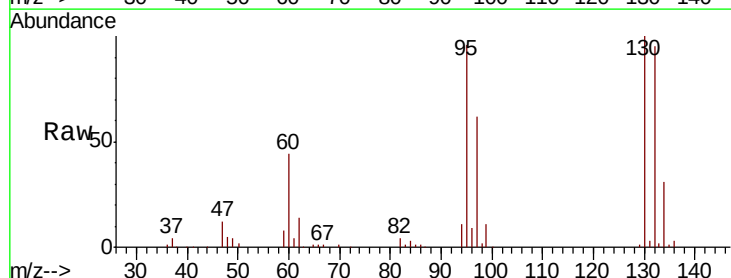
Acq: 10 Oct 2019 19:13

Tgt Ion: 130 Resp: 102731

Ion Ratio Lower Upper

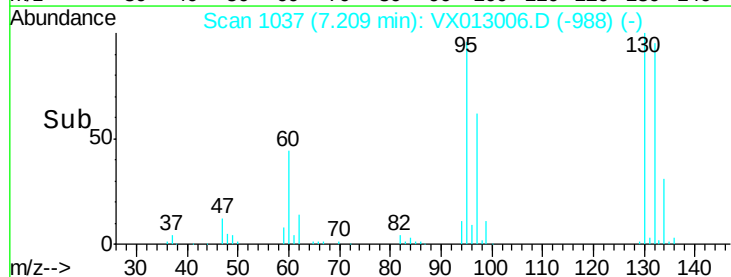
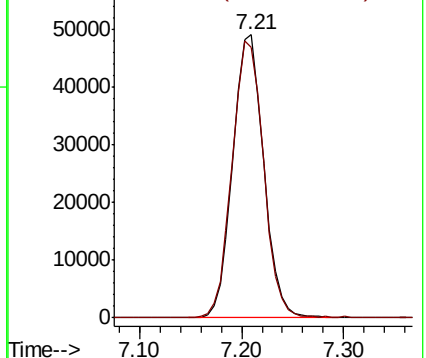
130 100

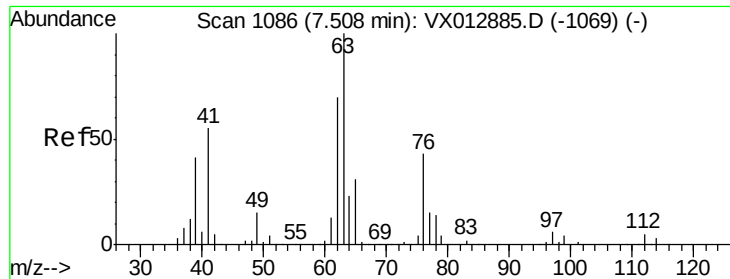
95 95.8 0.0 189.2



Abundance Ion 129.80 (129.50 to 130.50): VX012885.D (-1027) (-)

Ion 94.90 (94.60 to 95.60): VX012885.D (-1027) (-)

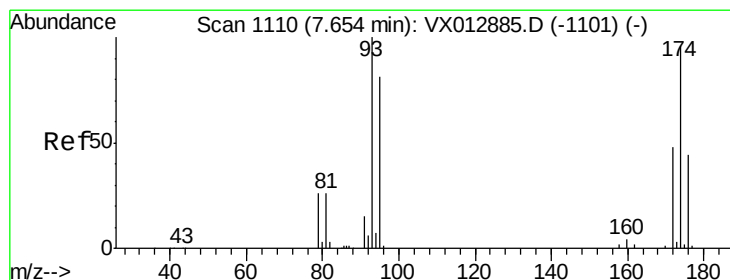
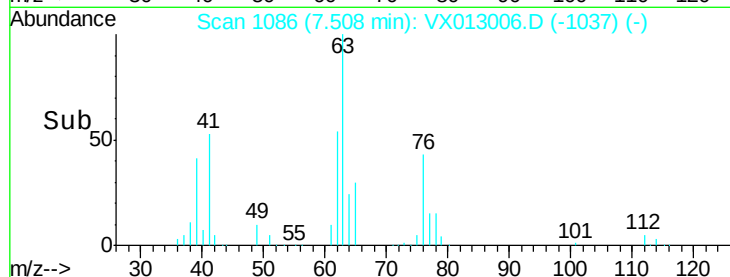
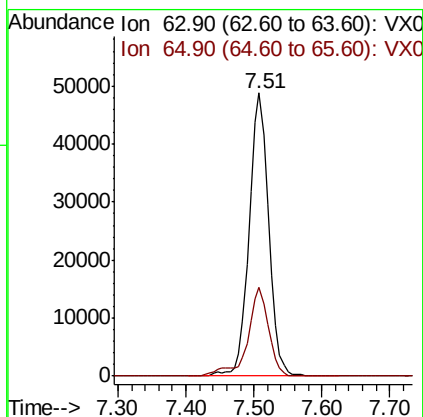
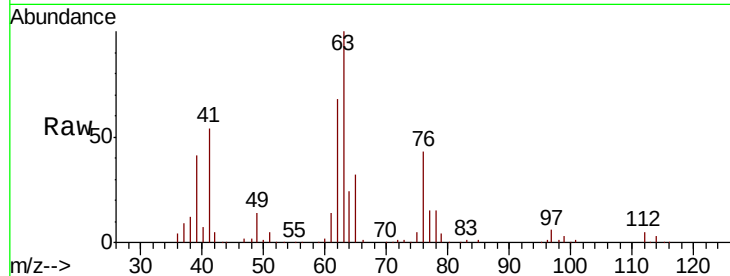




#45
 1,2-Dichloropropane
 Concen: 53.349 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX013006.D
 Acq: 10 Oct 2019 19:13

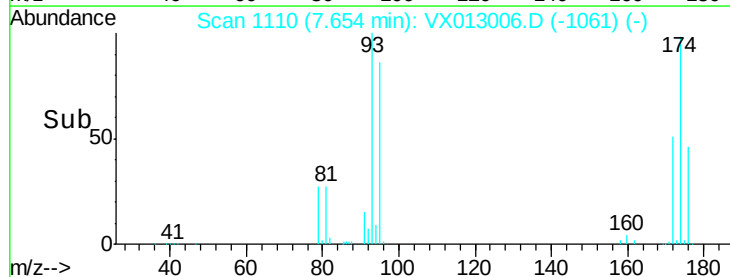
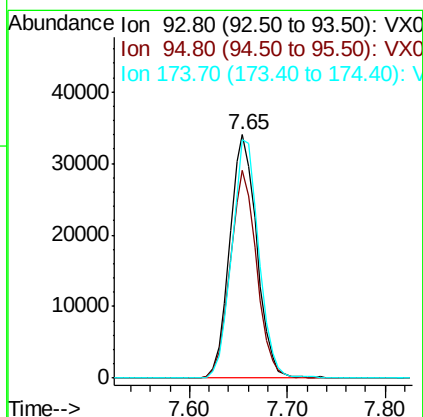
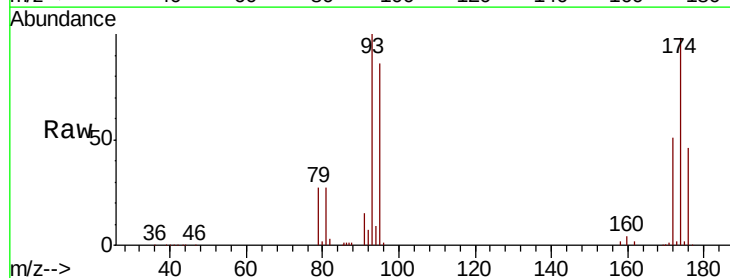
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW1964MS

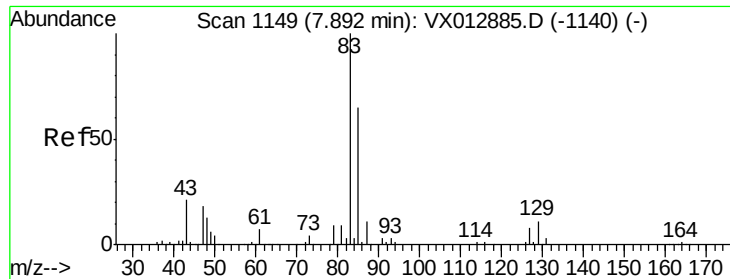
Tot Ion: 63 Resp: 97543
 Ion Ratio Lower Upper
 63 100
 65 31.5 24.6 37.0



#46
 Dibromomethane
 Concen: 53.618 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX013006.D
 Acq: 10 Oct 2019 19:13

Tgt Ion: 93 Resp: 65317
 Ion Ratio Lower Upper
 93 100
 95 83.3 66.3 99.5
 174 97.8 77.8 116.6





#47

Bromodichloromethane

Concen: 54.055 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013006.D

Acq: 10 Oct 2019 19:13

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW1964MS

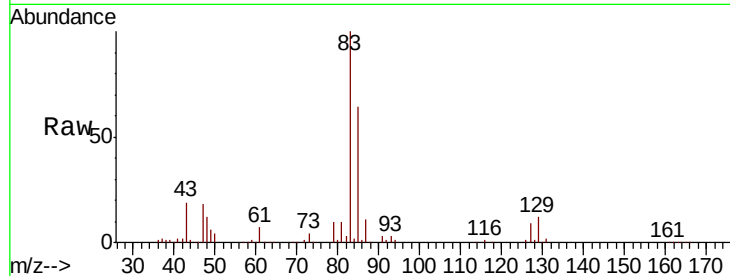
Tot Ion: 83 Resp: 128504

Ion Ratio Lower Upper

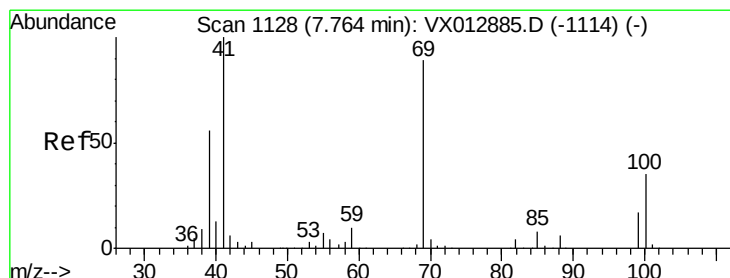
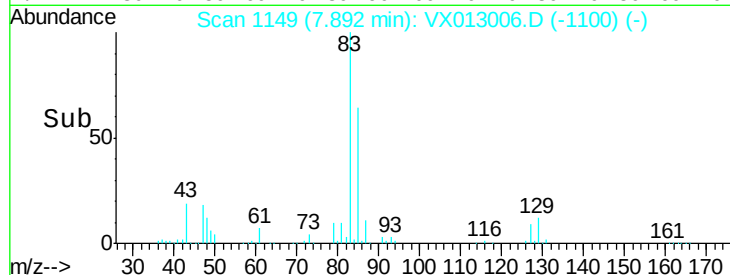
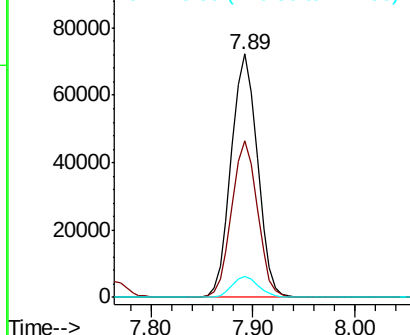
83 100

85 64.2 52.4 78.6

127 8.7 6.6 10.0



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



#48

Methyl methacrylate

Concen: 52.960 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX013006.D

Acq: 10 Oct 2019 19:13

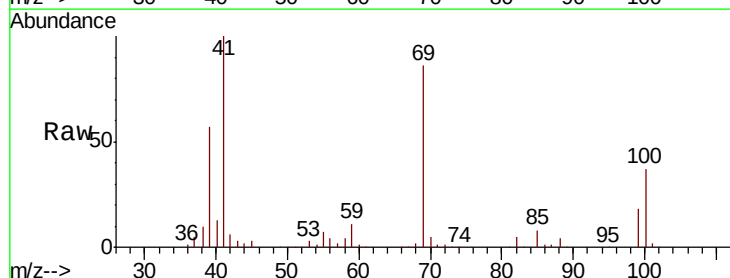
Tgt Ion: 41 Resp: 112506

Ion Ratio Lower Upper

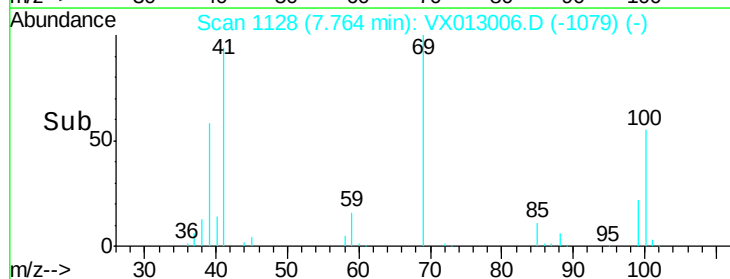
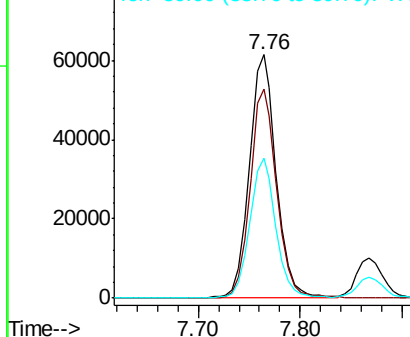
41 100

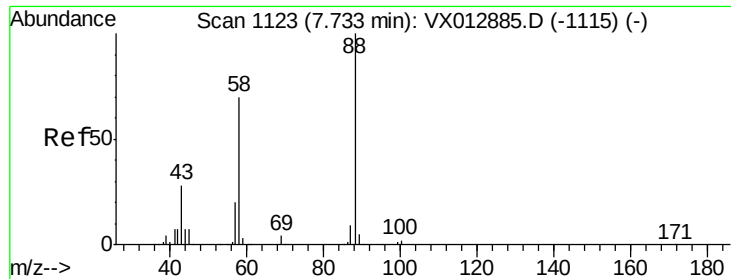
69 85.3 68.7 103.1

39 56.1 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

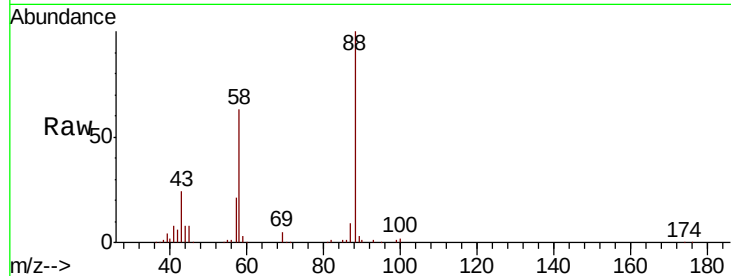




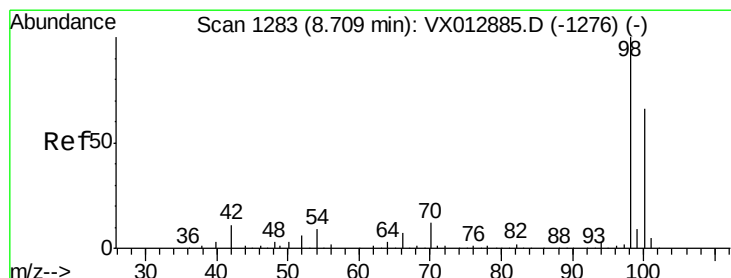
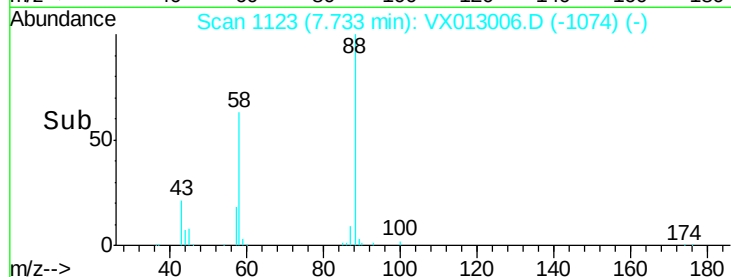
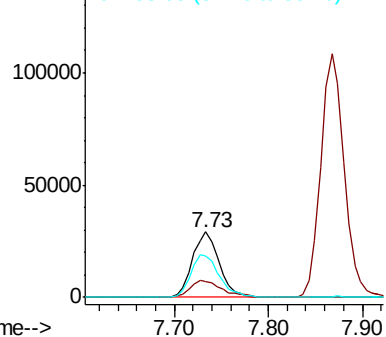
#49
1,4-Dioxane
Concen: 1003.980 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX013006.D
Acq: 10 Oct 2019 19:13

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW1964MS

Tot Ion: 88 Resp: 57243
Ion Ratio Lower Upper
88 100
43 31.0 25.0 37.6
58 69.0 55.4 83.2

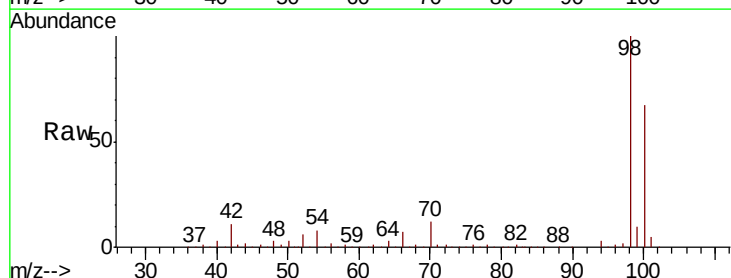


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

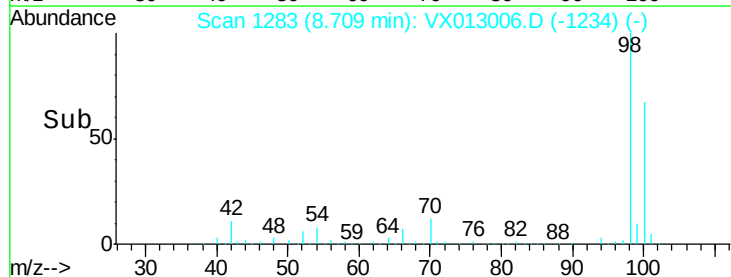
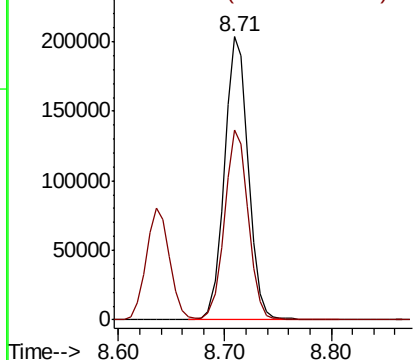


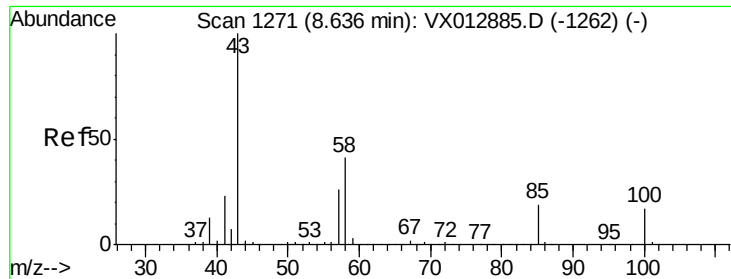
#50
Toluene-d8
Concen: 51.478 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013006.D
Acq: 10 Oct 2019 19:13

Tgt Ion: 98 Resp: 318357
Ion Ratio Lower Upper
98 100
100 66.6 53.4 80.2



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

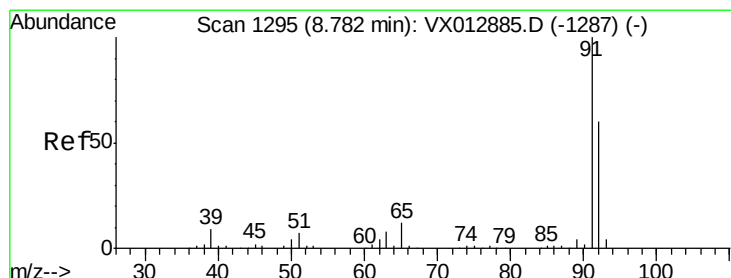
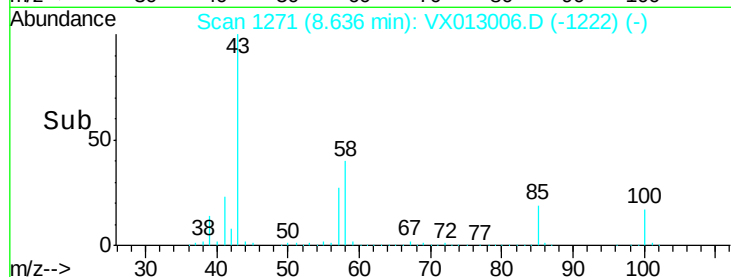
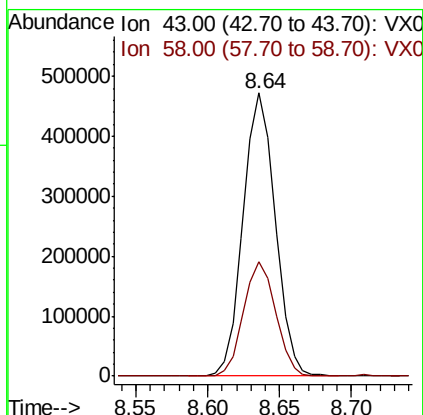
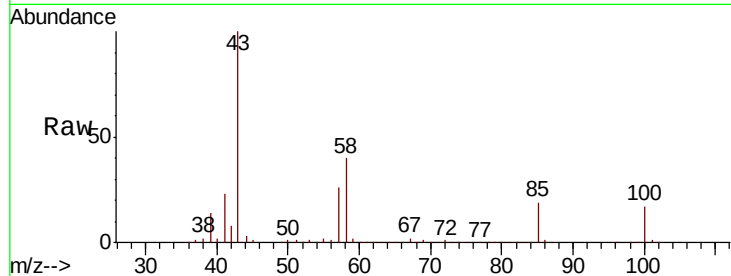




#51
4-Methyl-2-Pentanone
Concen: 268.536 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX013006.D
Acq: 10 Oct 2019 19:13

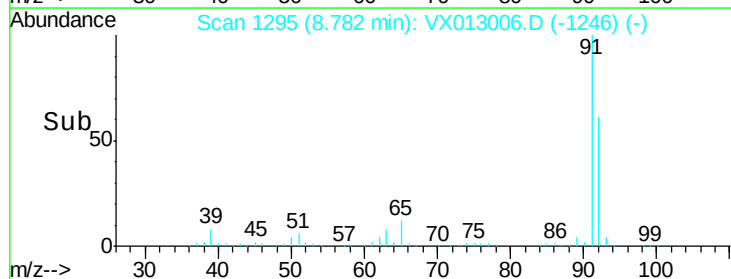
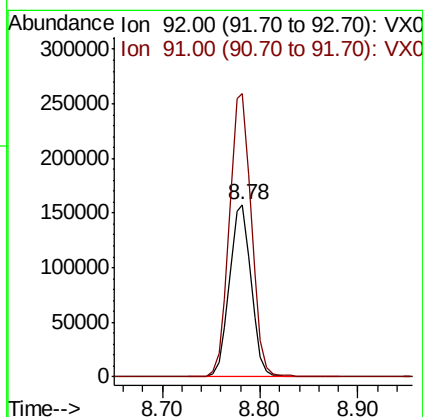
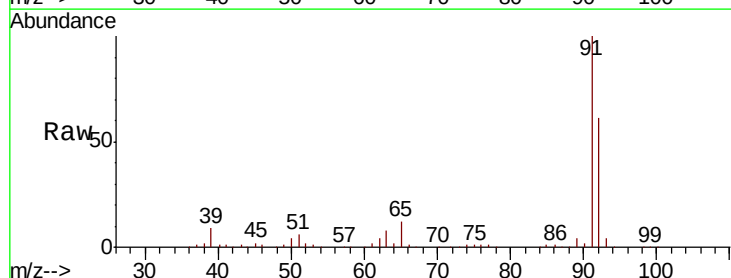
Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW1964MS

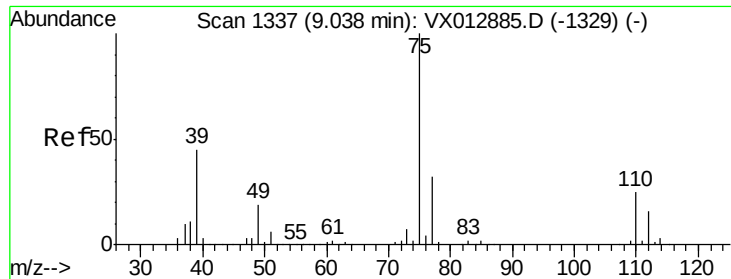
Tot Ion: 43 Resp: 729863
Ion Ratio Lower Upper
43 100
58 40.5 32.4 48.6



#52
Toluene
Concen: 53.125 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. -0.00 min
Lab File: VX013006.D
Acq: 10 Oct 2019 19:13

Tgt Ion: 92 Resp: 243819
Ion Ratio Lower Upper
92 100
91 166.2 135.9 203.9

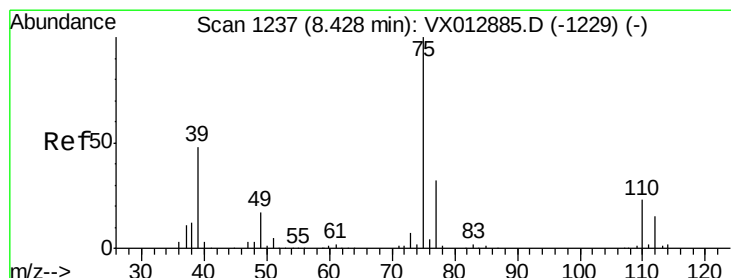
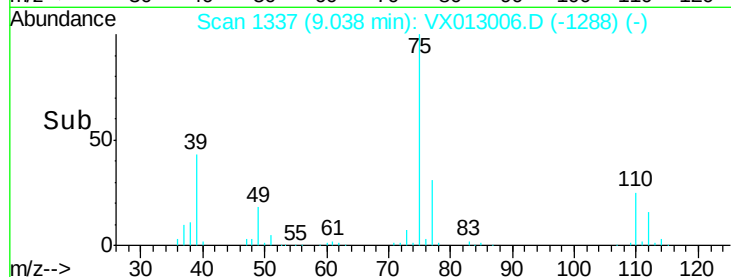
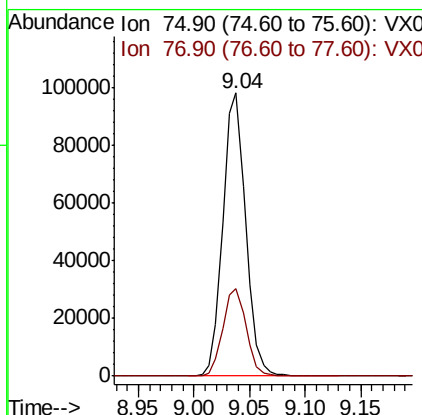
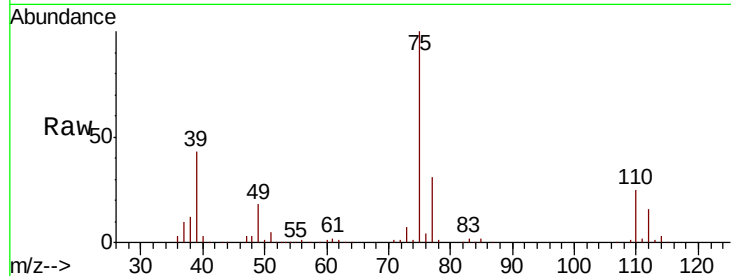




#53
 t-1,3-Dichloropropene
 Concen: 47.273 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VX013006.D
 Acq: 10 Oct 2019 19:13

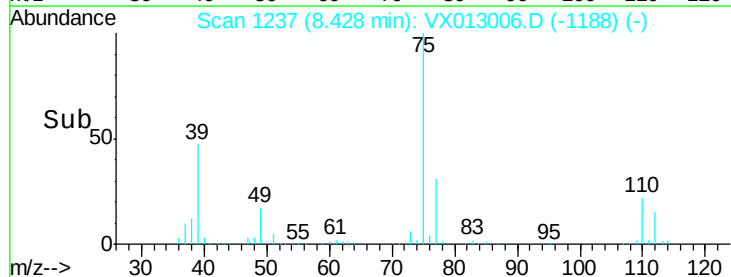
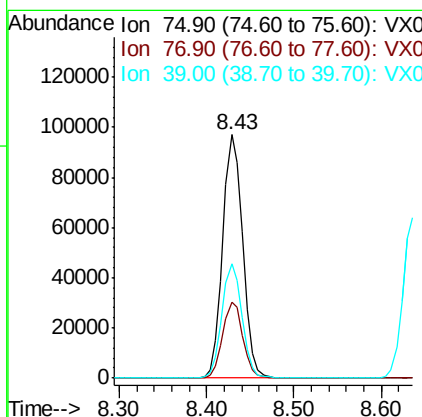
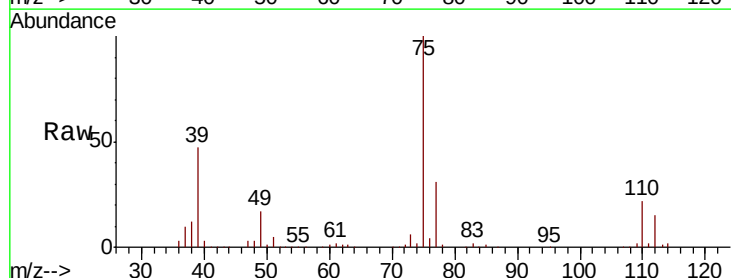
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW1964MS

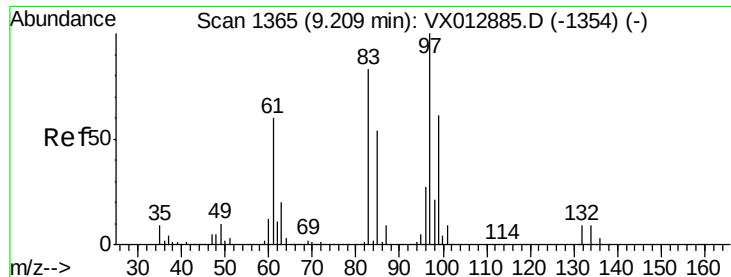
Tot Ion: 75 Resp: 139882
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.8 38.6



#54
 cis-1,3-Dichloropropene
 Concen: 52.543 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX013006.D
 Acq: 10 Oct 2019 19:13

Tgt Ion: 75 Resp: 153628
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.8 38.8
 39 47.0 38.2 57.2

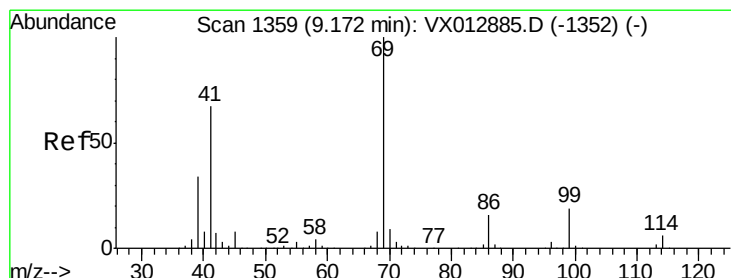
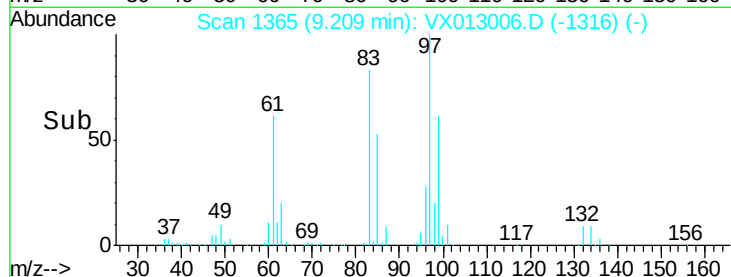
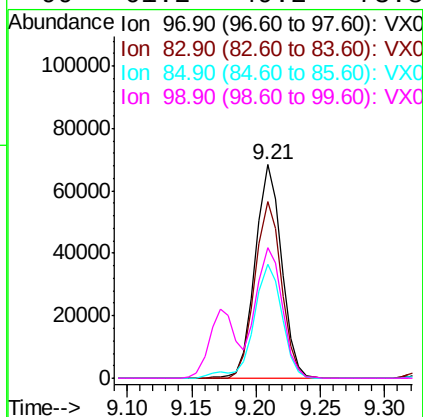
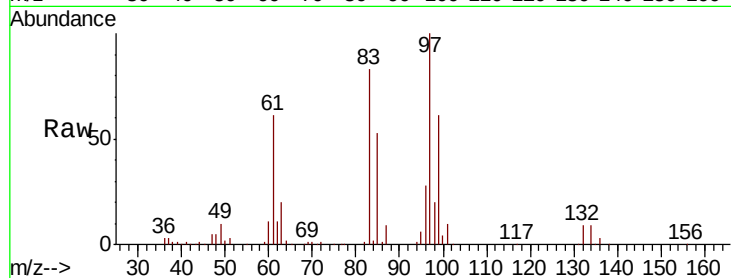




#55
 1,1,2-Trichloroethane
 Concen: 53.225 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013006.D
 Acq: 10 Oct 2019 19:13

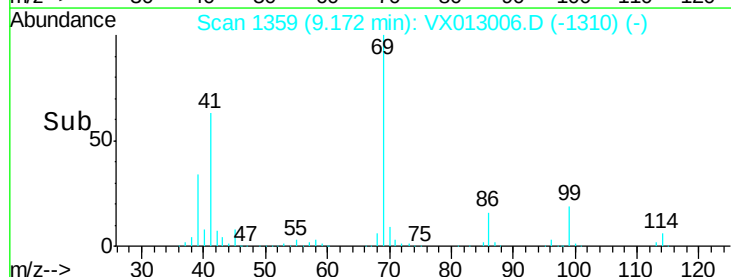
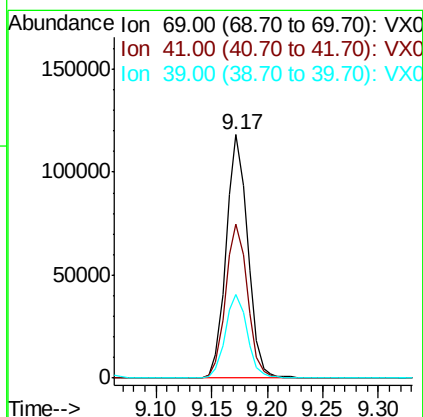
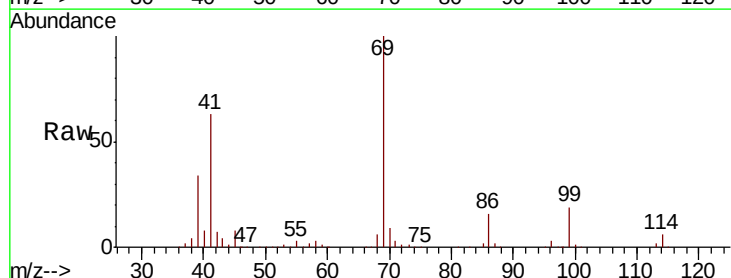
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW1964MS

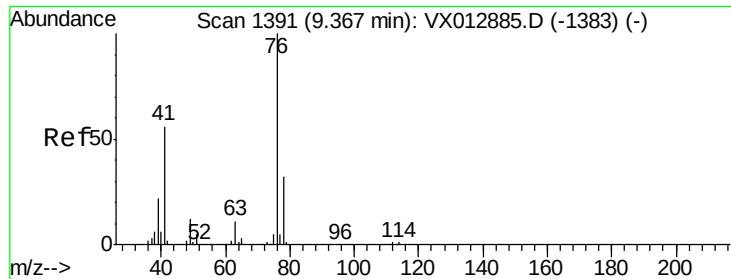
Tot Ion:	97	Resp:	96672
Ion	Ratio	Lower	Upper
97	100		
83	82.8	66.5	99.7
85	53.3	43.1	64.7
99	61.2	49.2	73.8



#56
 Ethyl methacrylate
 Concen: 49.085 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013006.D
 Acq: 10 Oct 2019 19:13

Tgt Ion:	69	Resp:	159530
Ion	Ratio	Lower	Upper
69	100		
41	64.3	52.1	78.1
39	34.8	27.8	41.8

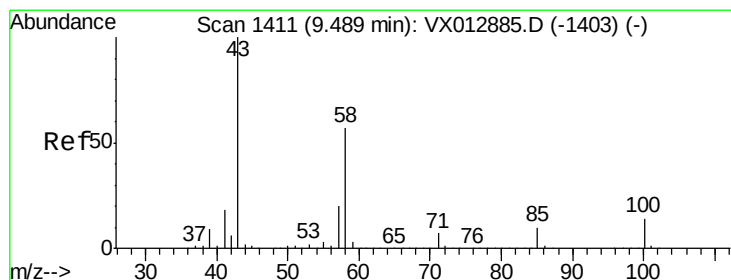
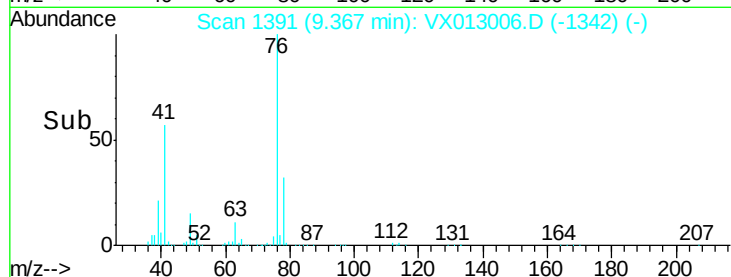
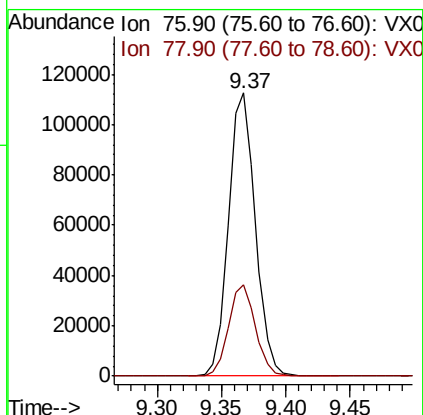
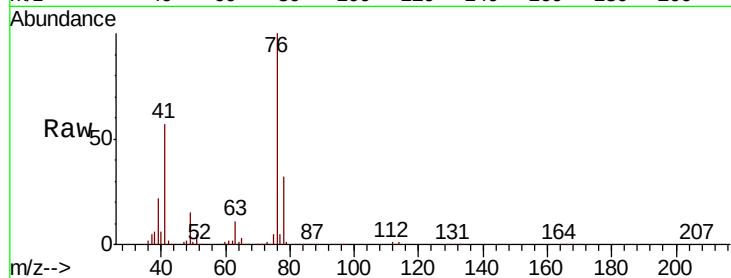




#57
 1,3-Dichloropropane
 Concen: 52.407 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX013006.D
 Acq: 10 Oct 2019 19:13

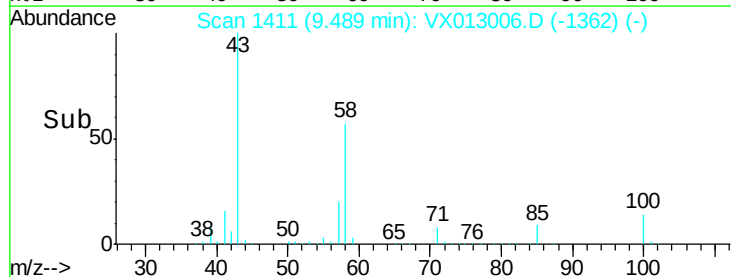
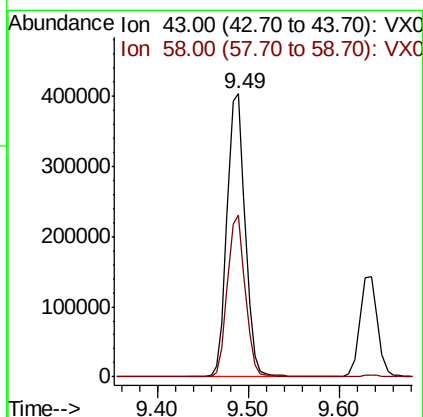
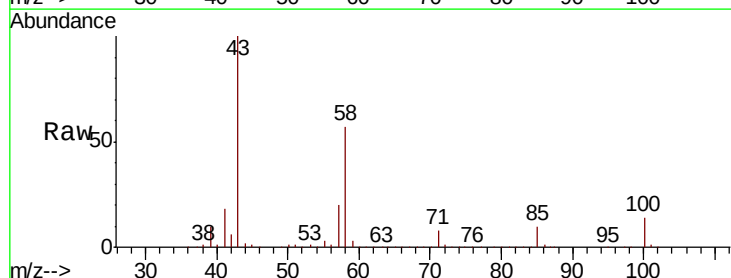
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW1964MS

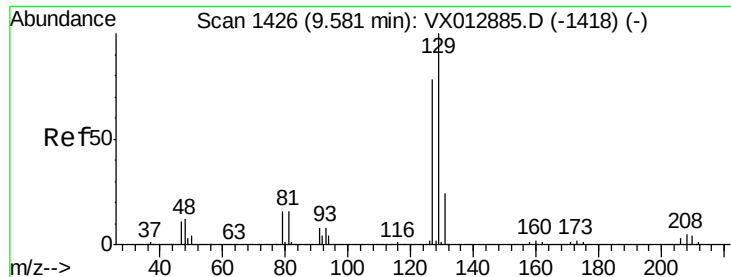
Tot Ion: 76 Resp: 164656
 Ion Ratio Lower Upper
 76 100
 78 32.2 26.1 39.1



#59
 2-Hexanone
 Concen: 265.898 ug/l
 RT: 9.49 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX013006.D
 Acq: 10 Oct 2019 19:13

Tgt Ion: 43 Resp: 562571
 Ion Ratio Lower Upper
 43 100
 58 56.1 28.1 84.3

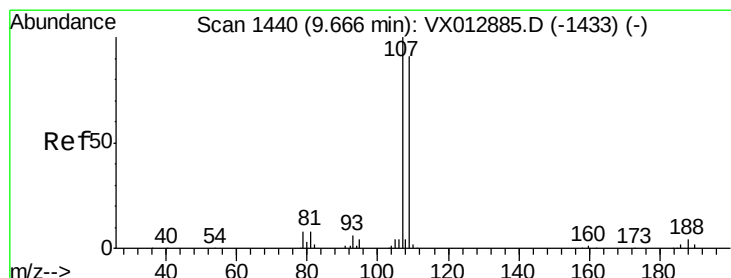
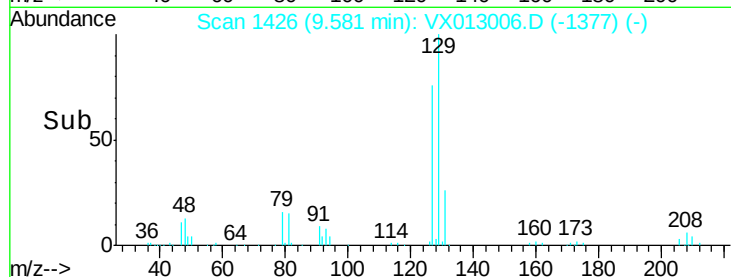
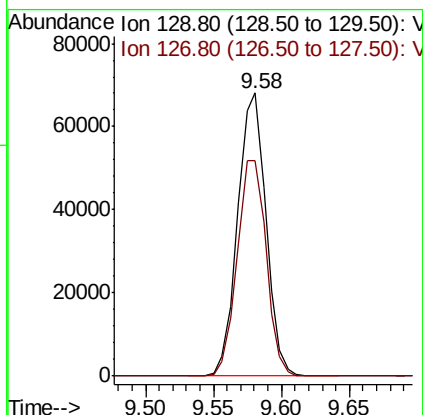
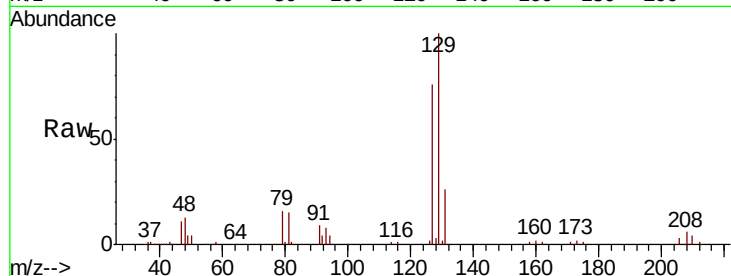




#60
Dibromochloromethane
Concen: 48.983 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX013006.D
Acq: 10 Oct 2019 19:13

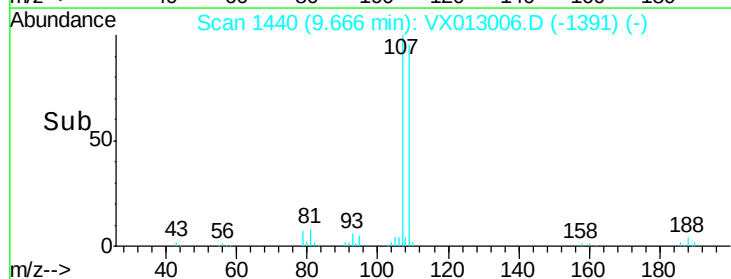
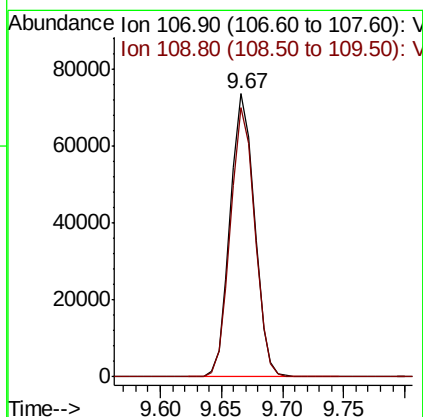
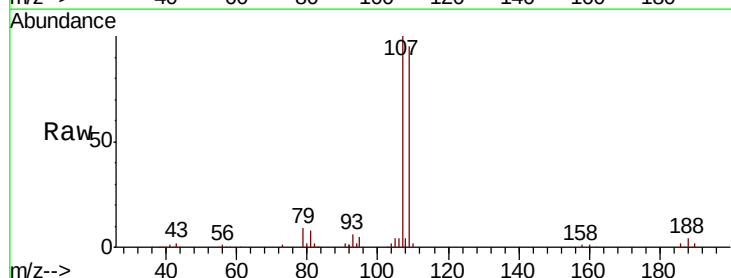
Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW1964MS

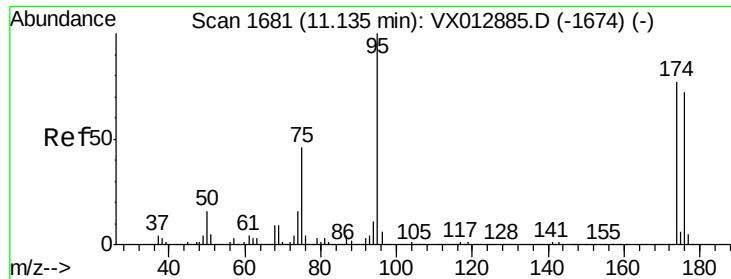
Tot Ion:129 Resp: 98926
Ion Ratio Lower Upper
129 100
127 78.2 38.9 116.7



#61
1,2-Dibromoethane
Concen: 53.080 ug/l
RT: 9.67 min Scan# 1440
Delta R.T. -0.00 min
Lab File: VX013006.D
Acq: 10 Oct 2019 19:13

Tgt Ion:107 Resp: 101417
Ion Ratio Lower Upper
107 100
109 95.0 75.8 113.6





#62

4-Bromofluorobenzene

Concen: 50.981 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX013006.D

Acq: 10 Oct 2019 19:13

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW1964MS

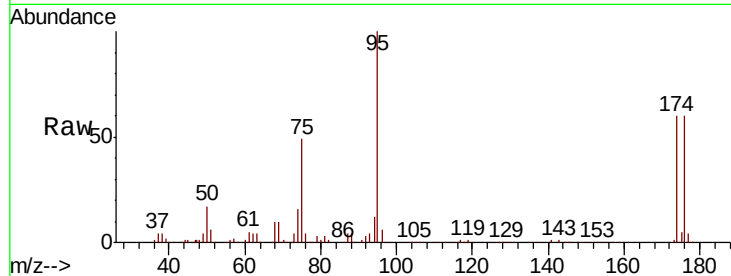
Tot Ion: 95 Resp: 122505

Ion Ratio Lower Upper

95 100

174 71.1 0.0 143.4

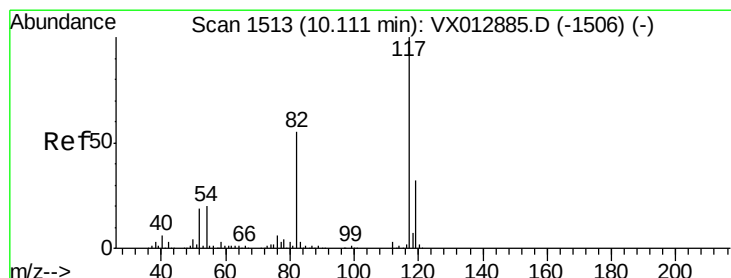
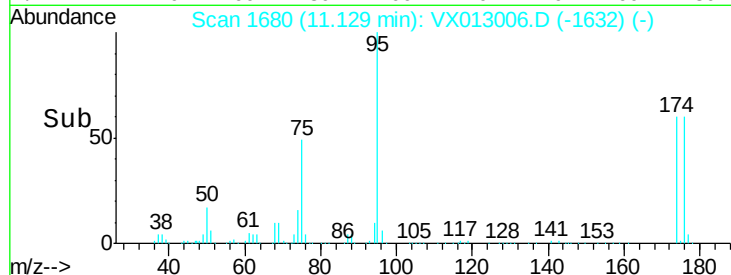
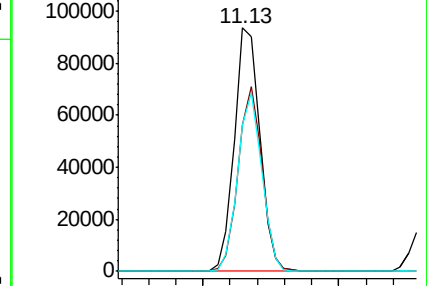
176 69.6 0.0 136.0



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

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

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



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX013006.D

Acq: 10 Oct 2019 19:13

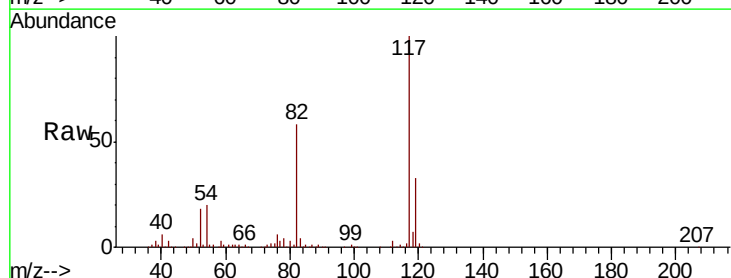
Tgt Ion: 117 Resp: 249299

Ion Ratio Lower Upper

117 100

82 57.9 44.1 66.1

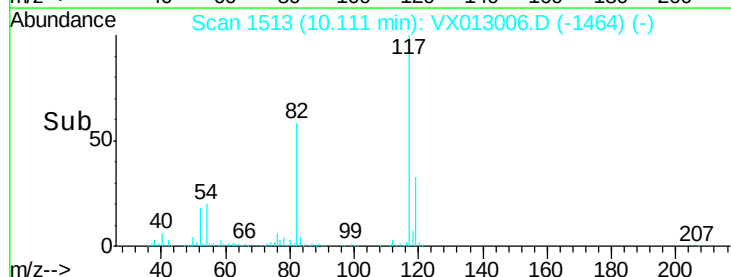
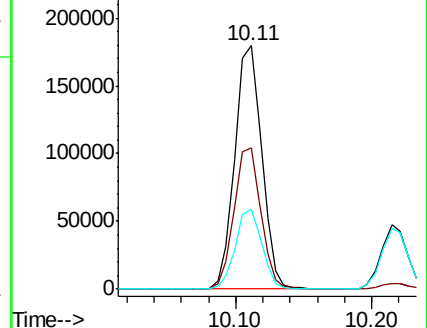
119 32.8 25.8 38.8

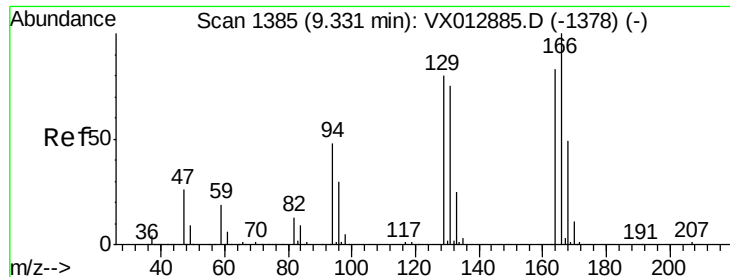


Abundance Ion 116.90 (116.60 to 117.60): VX012885.D (-1506) (-)

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

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

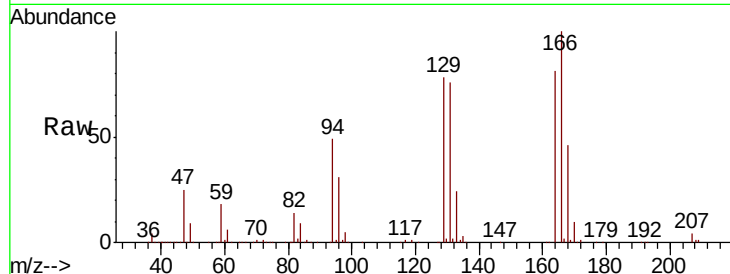




#64
Tetrachloroethene
Concen: 74.449 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013006.D
Acq: 10 Oct 2019 19:13

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW1964MS

Tot Ion	Ratio	Lower	Upper
164	100		
166	123.9	96.9	145.3
129	96.7	77.9	116.9
131	94.4	72.7	109.1

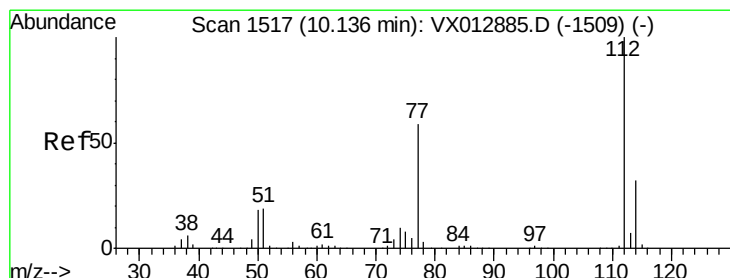
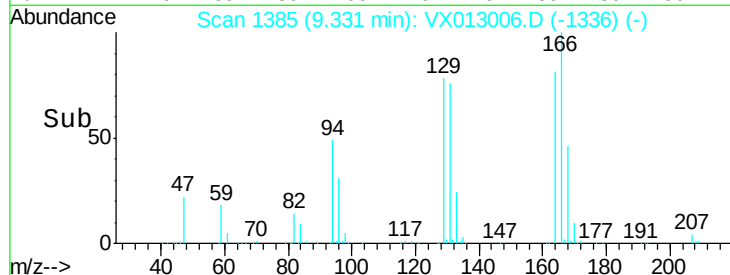
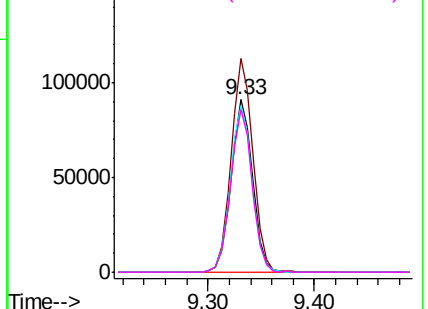


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

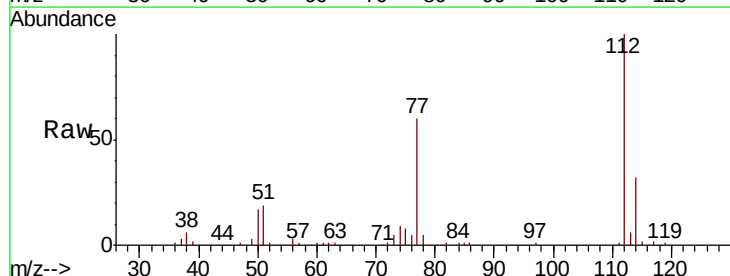
Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



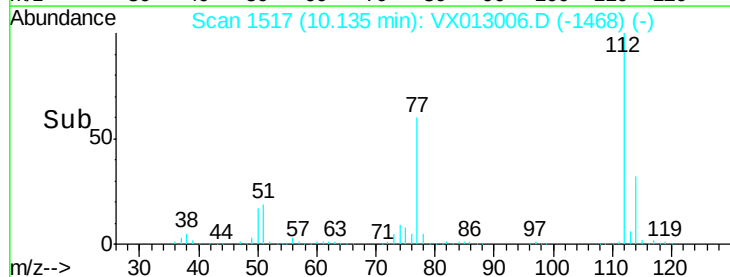
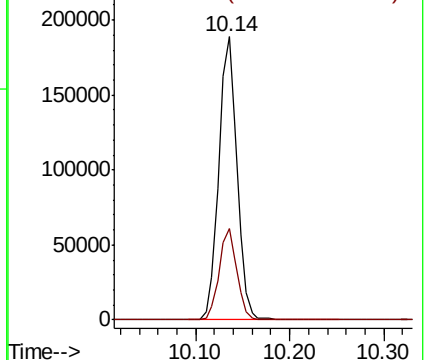
#65
Chlorobenzene
Concen: 51.054 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX013006.D
Acq: 10 Oct 2019 19:13

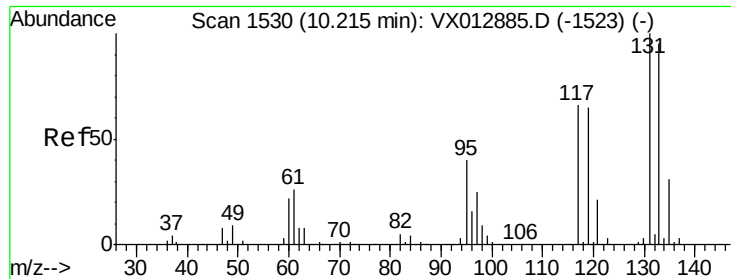
Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.3	25.7	38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

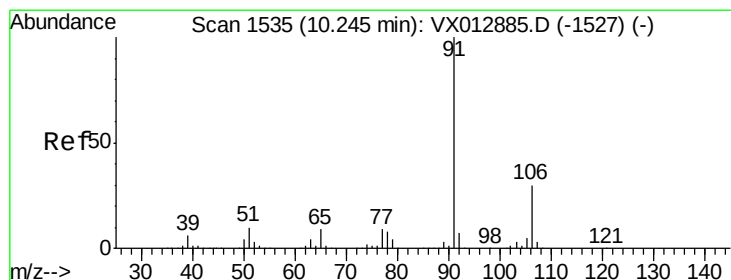
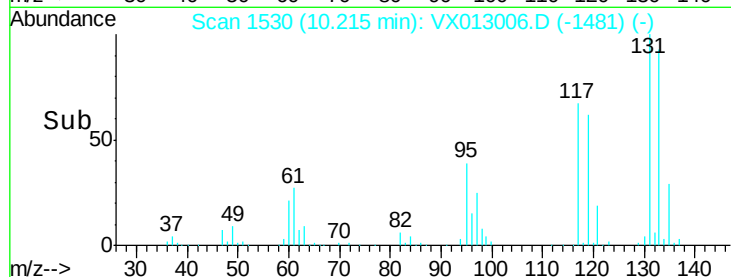
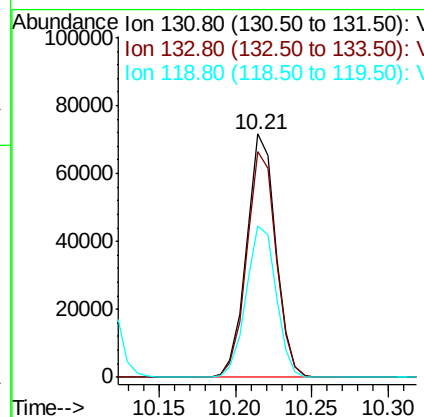
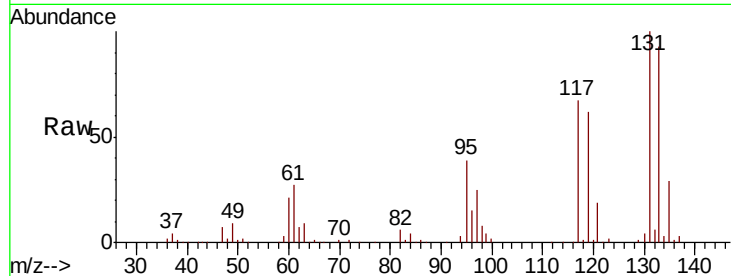




#66
 1,1,1,2-Tetrachloroethane
 Concen: 55.162 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VX013006.D
 Acq: 10 Oct 2019 19:13

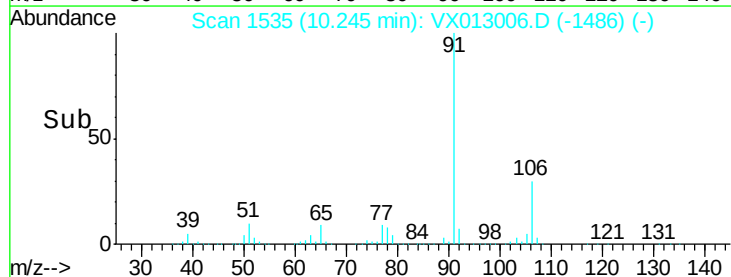
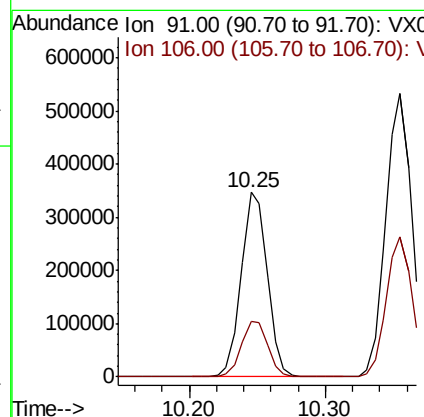
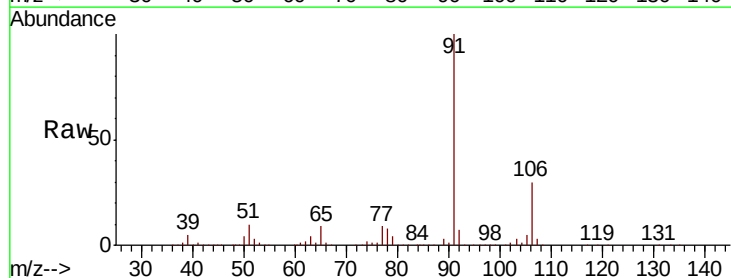
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW1964MS

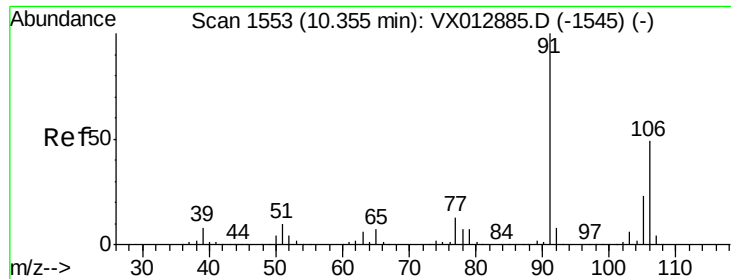
Tot Ion:131 Resp: 94687
 Ion Ratio Lower Upper
 131 100
 133 93.6 47.2 141.6
 119 64.1 32.6 98.0



#67
 Ethyl Benzene
 Concen: 52.633 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VX013006.D
 Acq: 10 Oct 2019 19:13

Tgt Ion: 91 Resp: 462844
 Ion Ratio Lower Upper
 91 100
 106 29.9 23.9 35.9

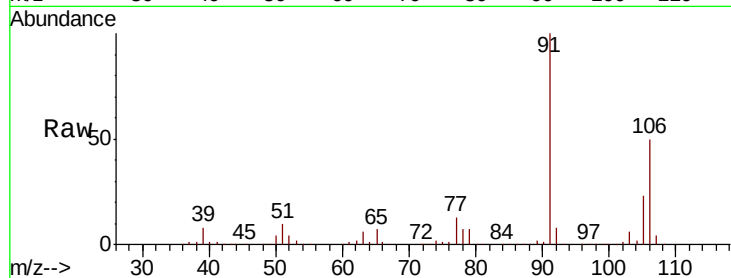




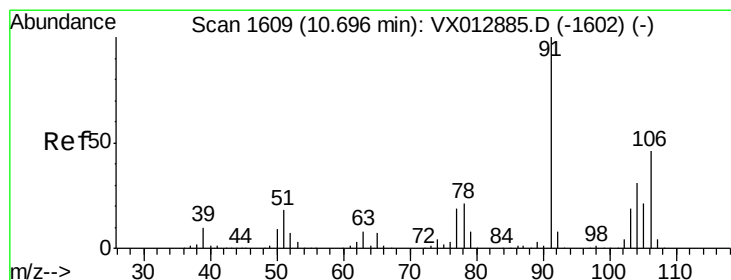
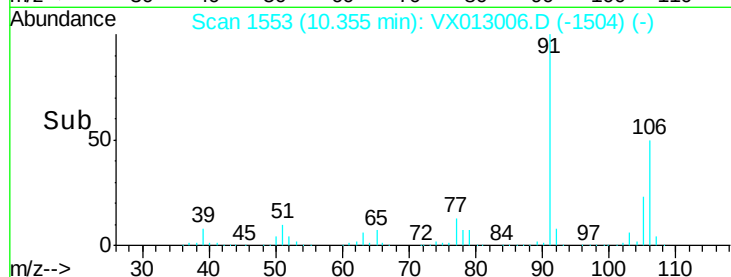
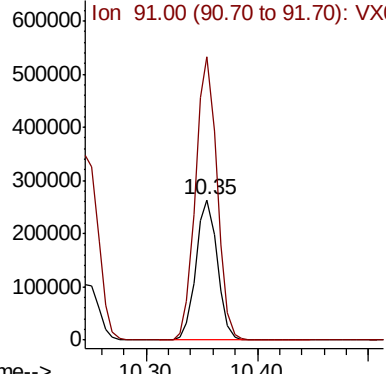
#68
m/p-Xylenes
Concen: 107.224 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX013006.D
Acq: 10 Oct 2019 19:13

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW1964MS

Tot Ion:106 Resp: 352253
Ion Ratio Lower Upper
106 100
91 203.4 165.3 247.9

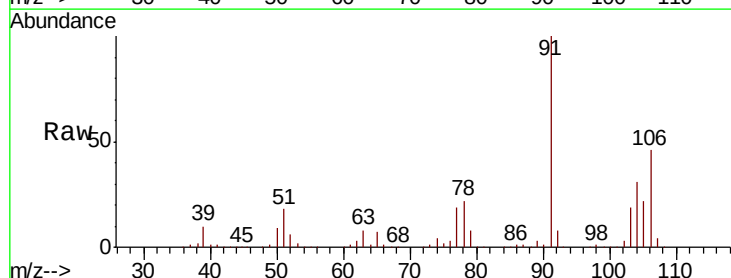


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

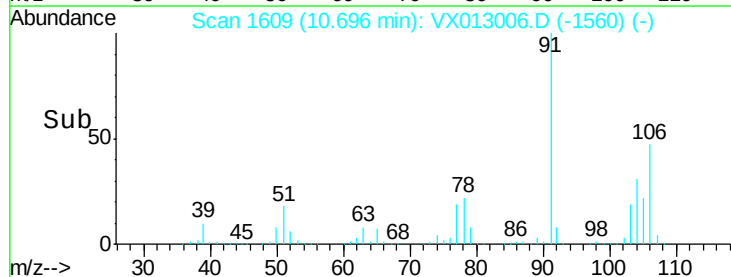
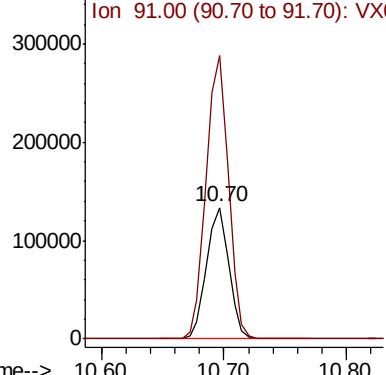


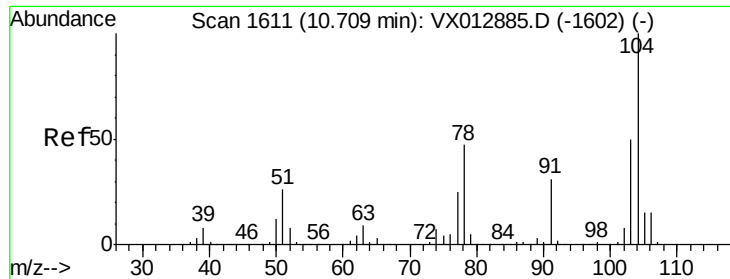
#69
o-Xylene
Concen: 52.440 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013006.D
Acq: 10 Oct 2019 19:13

Tgt Ion:106 Resp: 168001
Ion Ratio Lower Upper
106 100
91 216.3 109.1 327.3



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

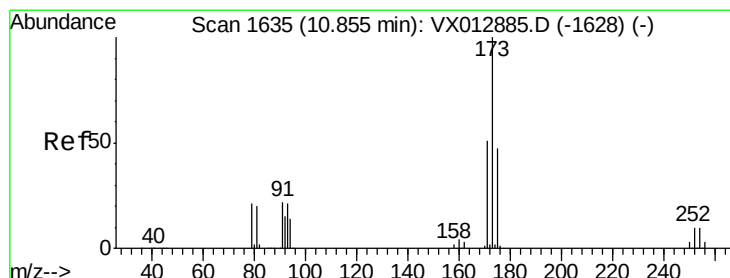
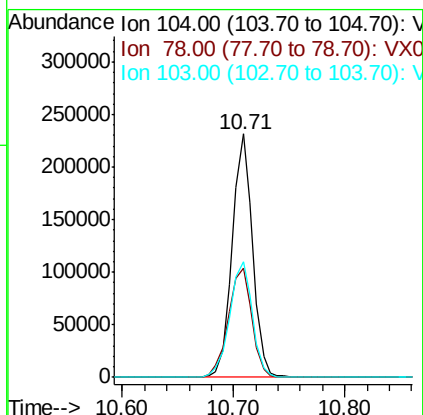
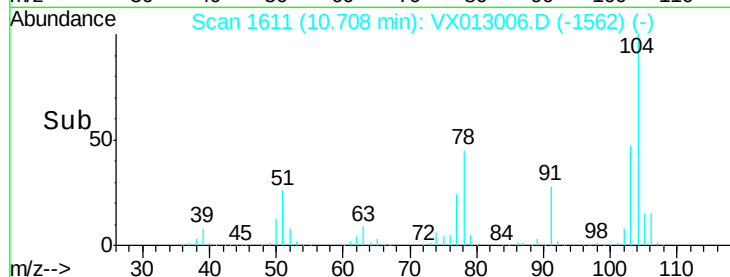
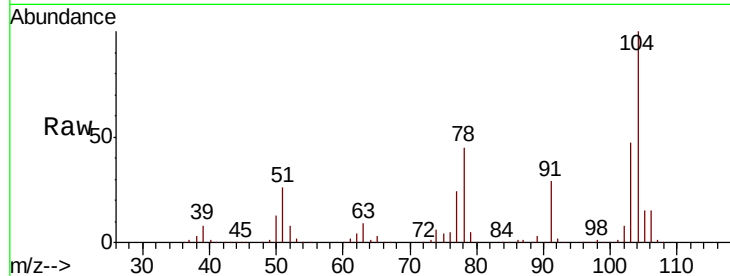




#70
Stvrene
Concen: 53.583 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013006.D
Acq: 10 Oct 2019 19:13

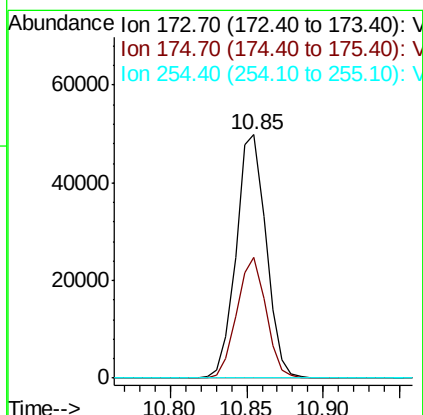
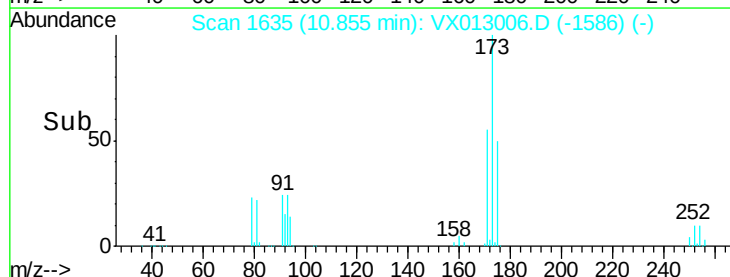
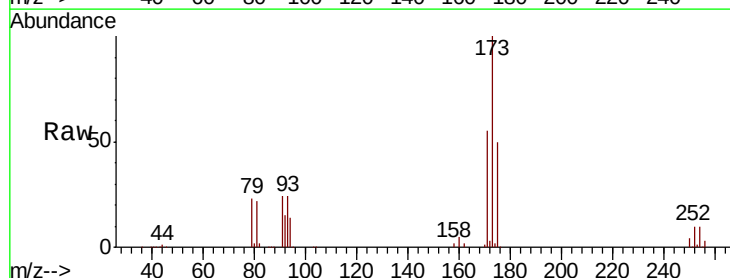
Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW1964MS

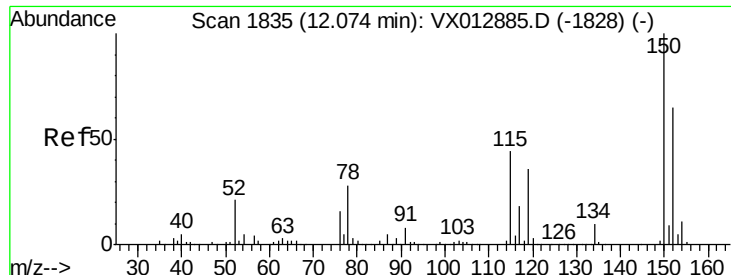
Tot Ion:104 Resp: 291826
Ion Ratio Lower Upper
104 100
78 51.8 41.2 61.8
103 52.9 43.0 64.4



#71
Bromoform
Concen: 46.502 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX013006.D
Acq: 10 Oct 2019 19:13

Tgt Ion:173 Resp: 67657
Ion Ratio Lower Upper
173 100
175 48.2 24.1 72.3
254 0.1 0.1 0.1#



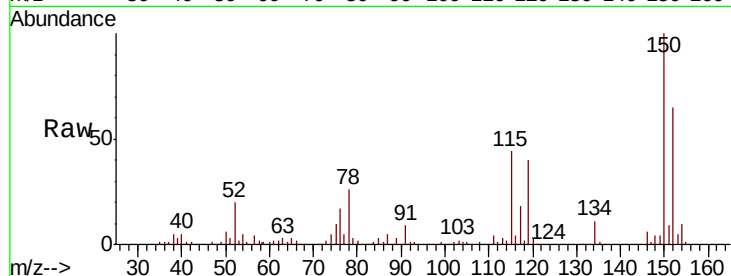


#72

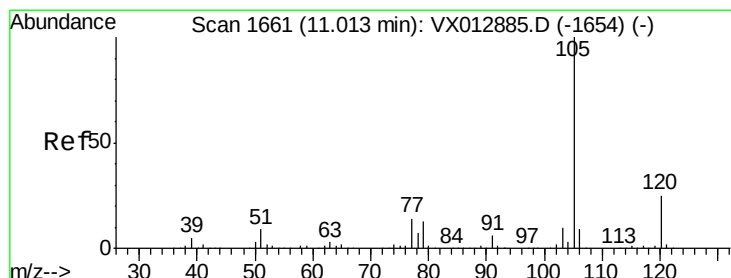
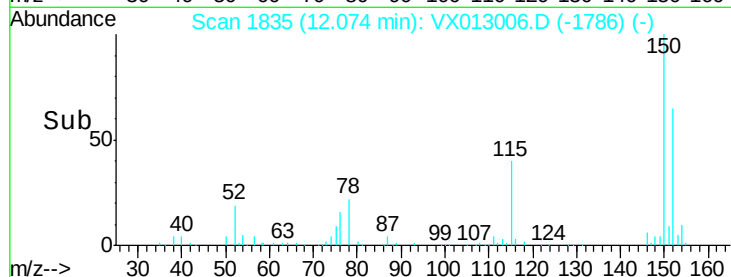
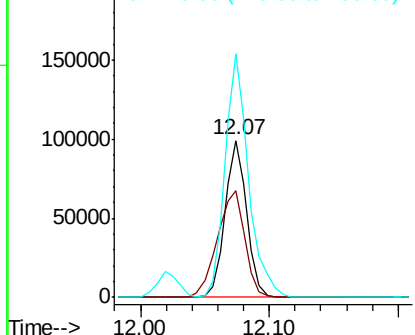
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013006.D
Acq: 10 Oct 2019 19:13

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW1964MS

Tot Ion:152 Resp: 116827
Ion Ratio Lower Upper
152 100
115 86.0 44.5 133.5
150 169.3 0.0 353.4



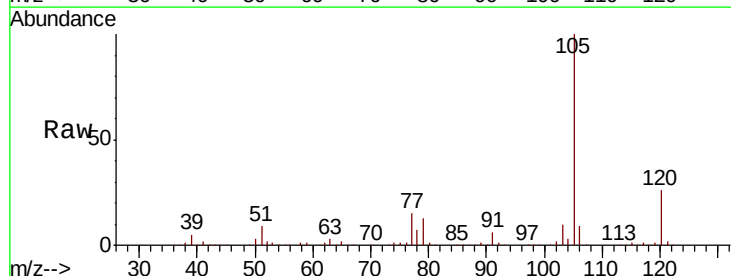
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



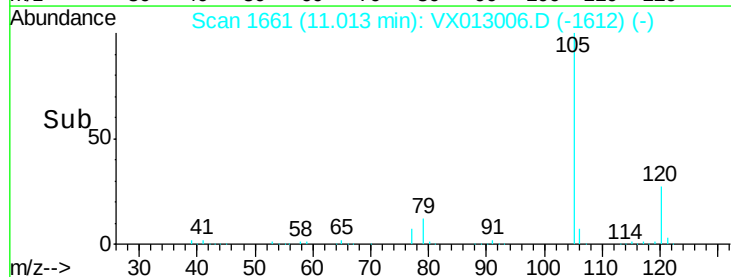
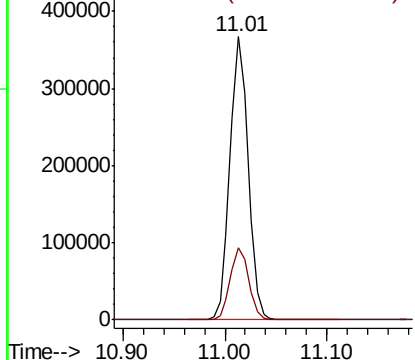
#73

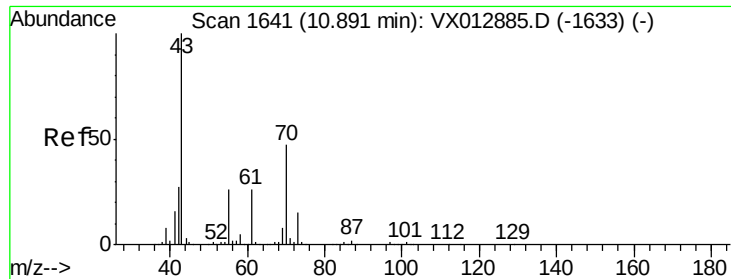
Isopropylbenzene
Concen: 52.530 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX013006.D
Acq: 10 Oct 2019 19:13

Tgt Ion:105 Resp: 451199
Ion Ratio Lower Upper
105 100
120 25.9 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 52.149 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013006.D

Acq: 10 Oct 2019 19:13

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW1964MS

Tot Ion: 43 Resp: 192913

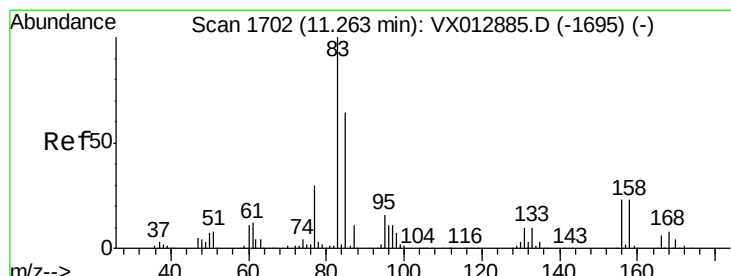
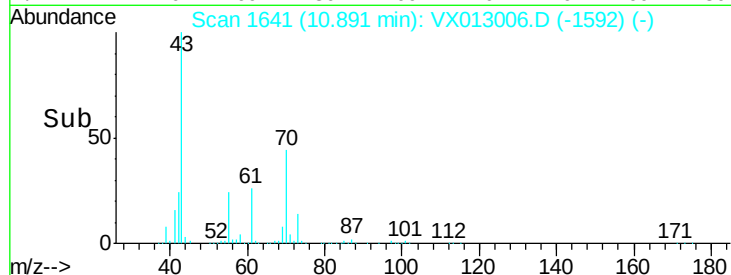
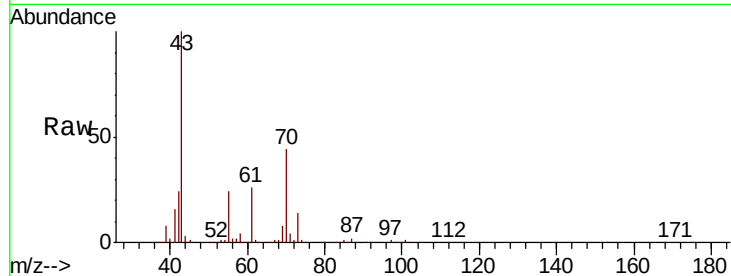
Ion	Ratio	Lower	Upper
43	100		
70	44.7	36.4	54.6
55	24.7	20.2	30.2
61	25.7	20.5	30.7

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: 51.816 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013006.D

Acq: 10 Oct 2019 19:13

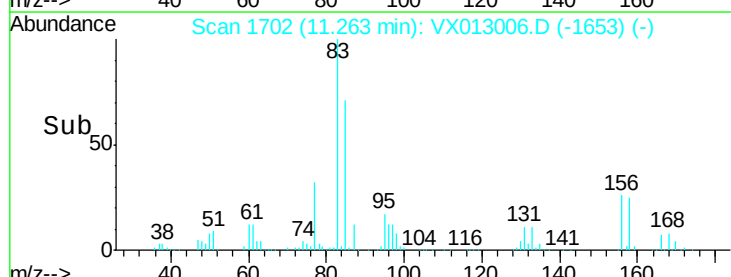
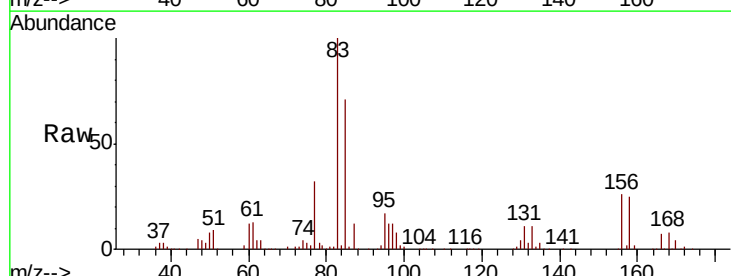
Tgt Ion: 83 Resp: 148030

Ion	Ratio	Lower	Upper
83	100		
131	10.4	5.1	15.3
85	65.8	32.1	96.5

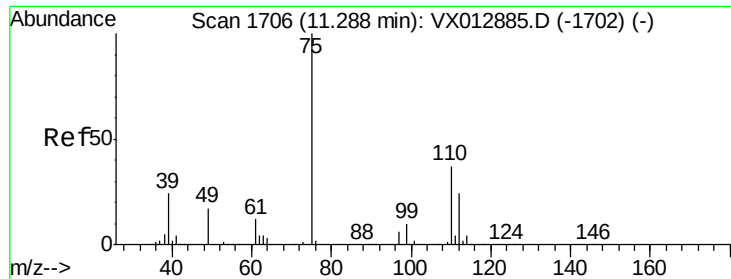
Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



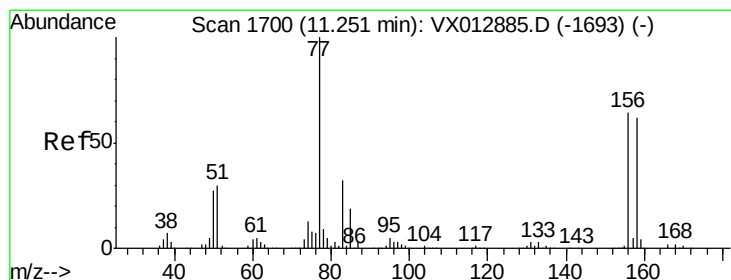
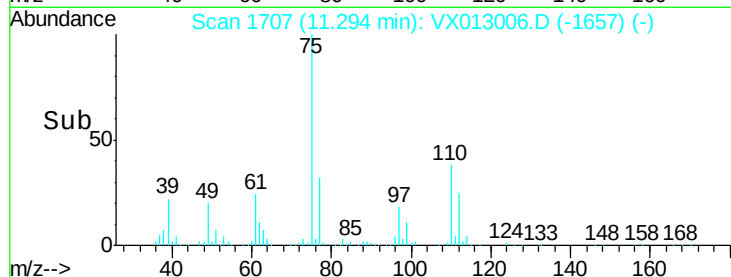
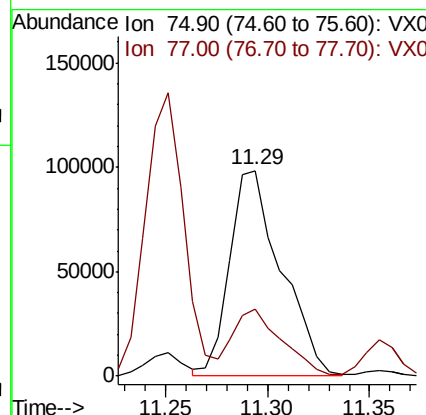
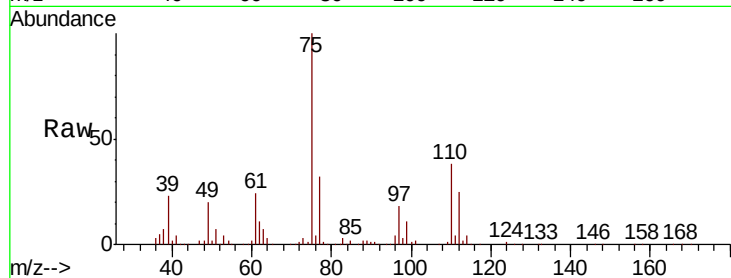
Time-->



#76
 1,2,3-Trichloropropane
 Concen: 66.646 ug/l
 RT: 11.29 min Scan# 1707
 Delta R.T. 0.01 min
 Lab File: VX013006.D
 Acq: 10 Oct 2019 19:13

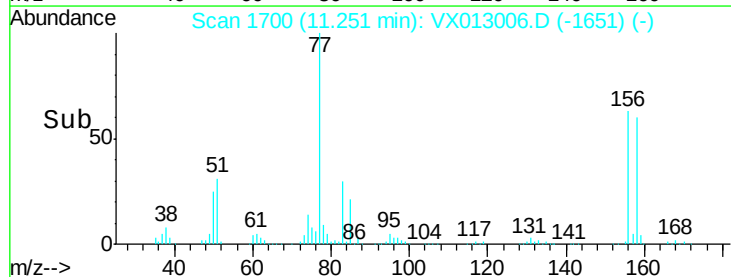
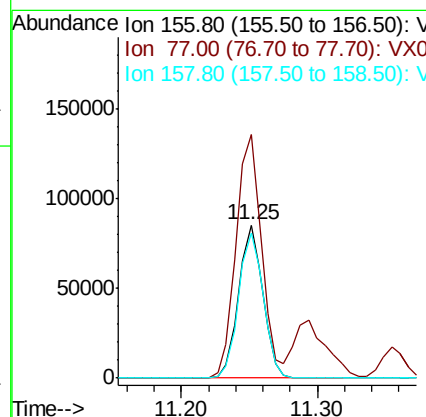
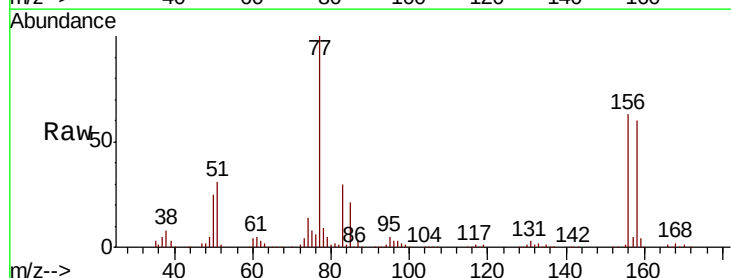
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW1964MS

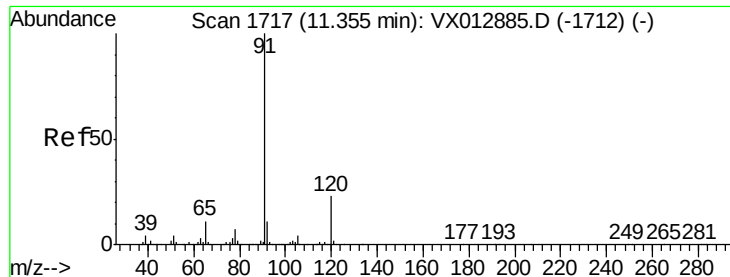
Tot Ion: 75 Resp: 172694
 Ion Ratio Lower Upper
 75 100
 77 30.4 22.9 68.8



#77
 Bromobenzene
 Concen: 52.221 ug/l
 RT: 11.25 min Scan# 1700
 Delta R.T. -0.00 min
 Lab File: VX013006.D
 Acq: 10 Oct 2019 19:13

Tgt Ion: 156 Resp: 105698
 Ion Ratio Lower Upper
 156 100
 77 168.9 83.7 251.0
 158 96.7 48.6 145.9





#78

n-propylbenzene

Concen: 52.405 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013006.D

Acq: 10 Oct 2019 19:13

Instrument :

MSVOA_X

ClientSampleId :

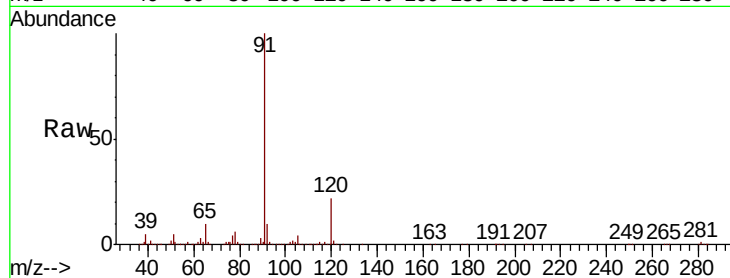
FA19-JMW1964MS

Tot Ion: 91 Resp: 495306

Ion Ratio Lower Upper

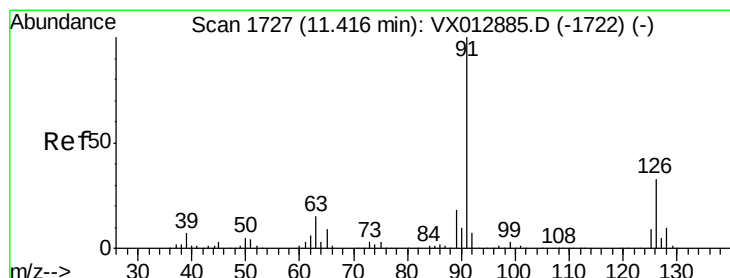
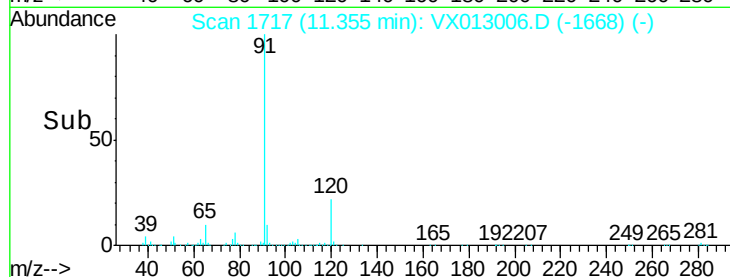
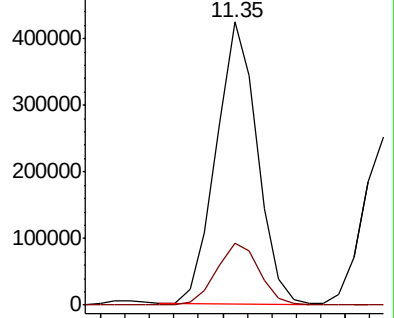
91 100

120 23.0 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 52.017 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013006.D

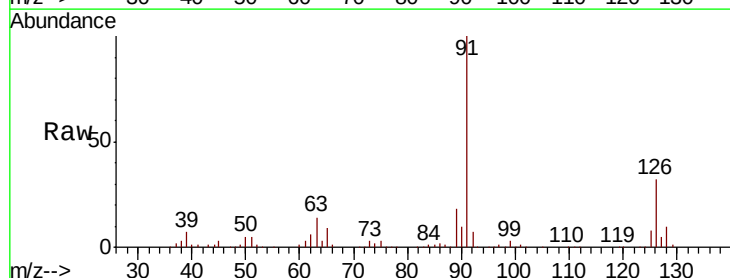
Acq: 10 Oct 2019 19:13

Tgt Ion: 91 Resp: 308976

Ion Ratio Lower Upper

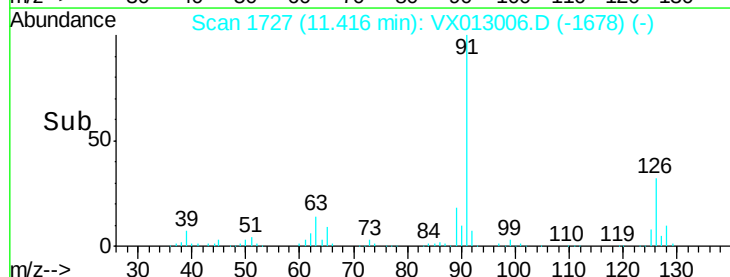
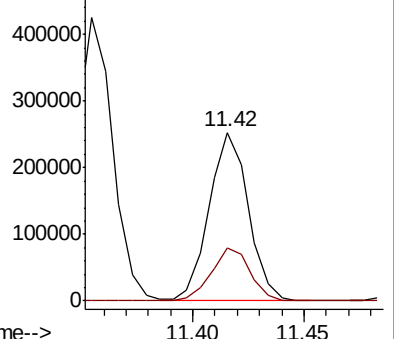
91 100

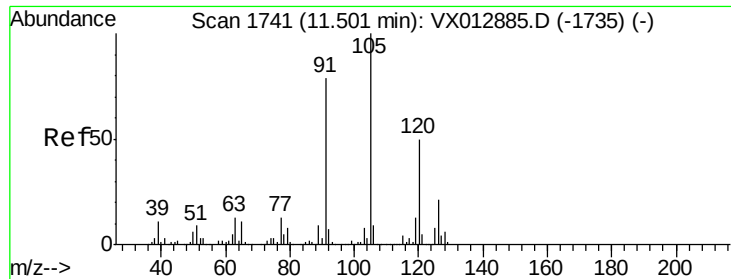
126 31.6 16.3 48.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

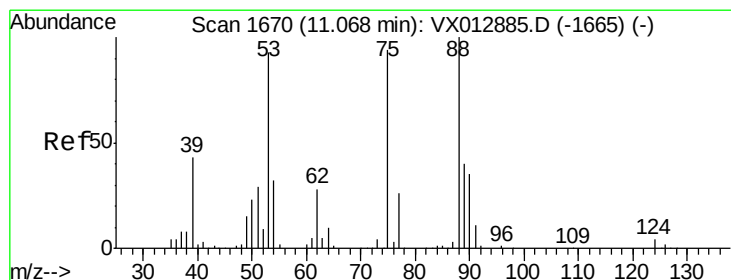
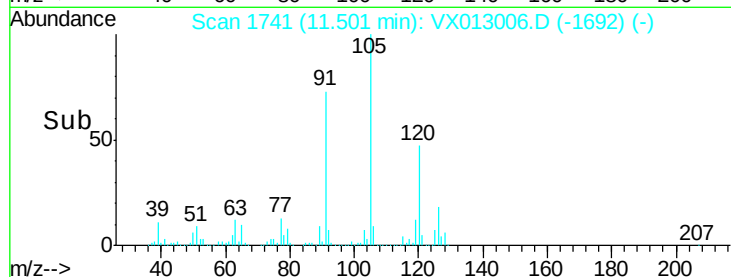
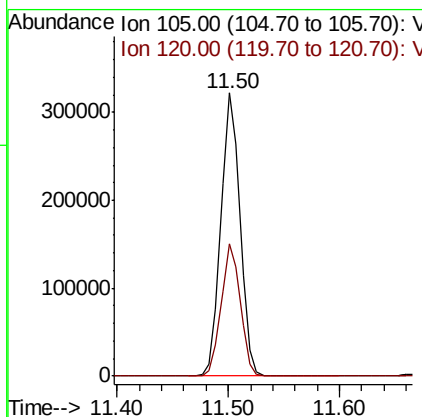
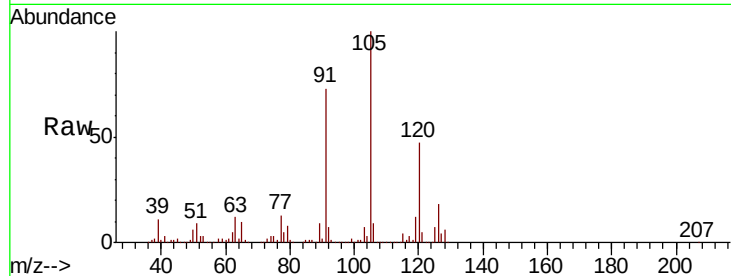




#80
 1,3,5-Trimethylbenzene
 Concen: 53.430 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX013006.D
 Acq: 10 Oct 2019 19:13

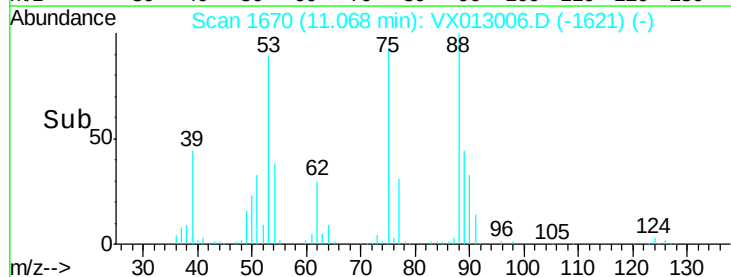
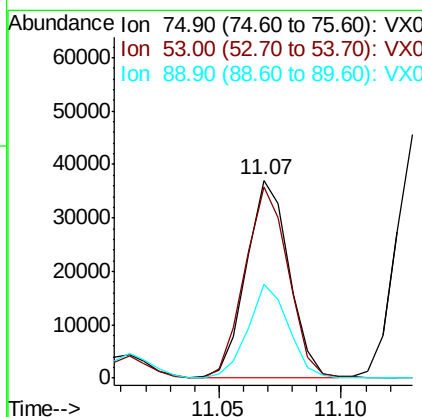
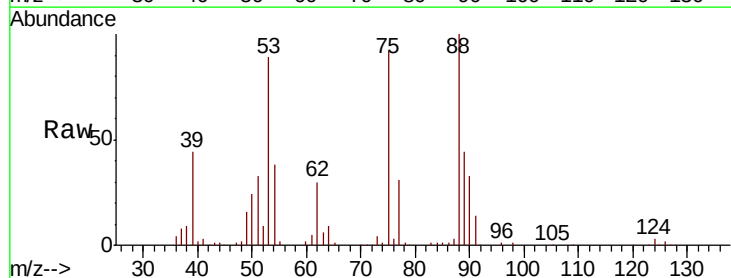
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW1964MS

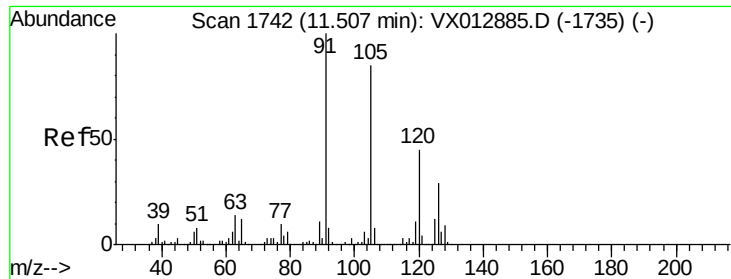
Tot Ion:105 Resp: 383208
 Ion Ratio Lower Upper
 105 100
 120 46.6 24.8 74.3



#81
 trans-1,4-Dichloro-2-butene
 Concen: 45.389 ug/l
 RT: 11.07 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: VX013006.D
 Acq: 10 Oct 2019 19:13

Tgt Ion: 75 Resp: 45324
 Ion Ratio Lower Upper
 75 100
 53 98.4 78.5 117.7
 89 45.0 37.4 56.2

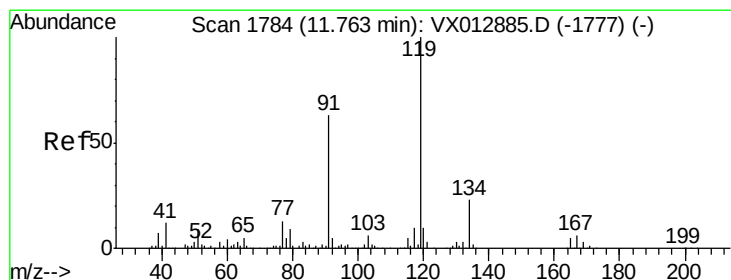
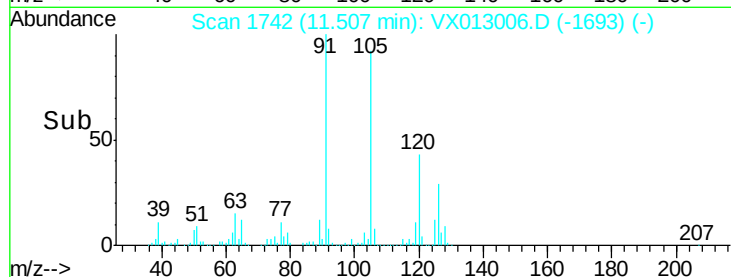
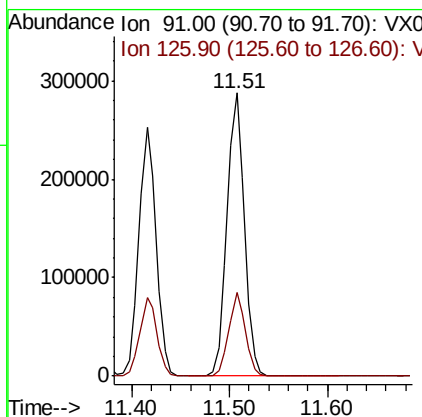
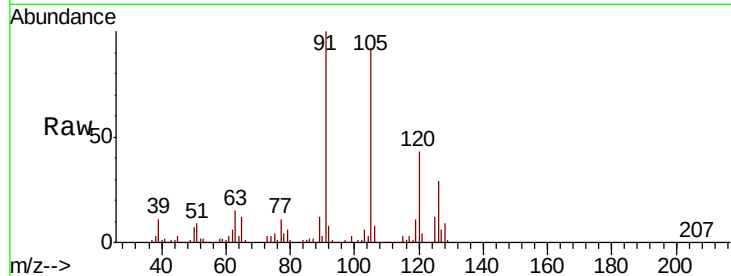




#82
4-Chlorotoluene
Concen: 52.288 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX013006.D
Acq: 10 Oct 2019 19:13

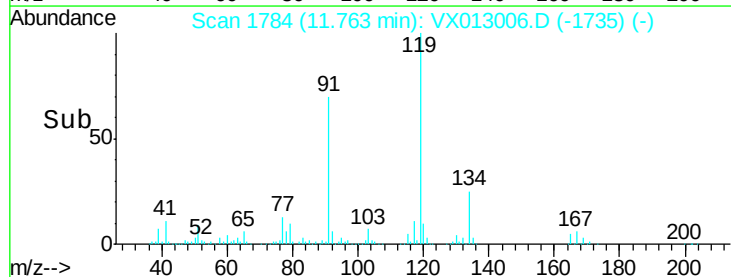
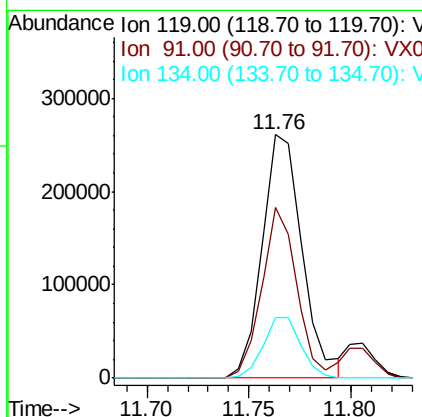
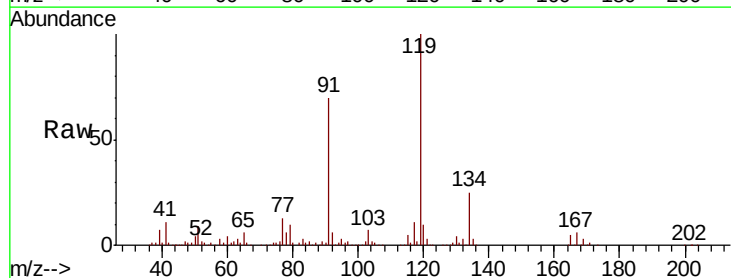
Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW1964MS

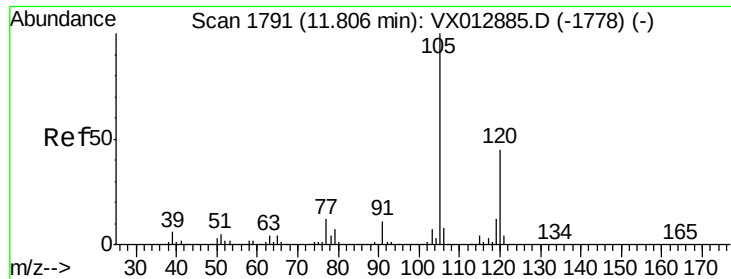
Tot Ion: 91 Resp: 355994
Ion Ratio Lower Upper
91 100
126 28.0 14.2 42.6



#83
tert-Butylbenzene
Concen: 51.114 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX013006.D
Acq: 10 Oct 2019 19:13

Tgt Ion: 119 Resp: 357611
Ion Ratio Lower Upper
119 100
91 61.3 29.3 87.9
134 23.6 11.5 34.4

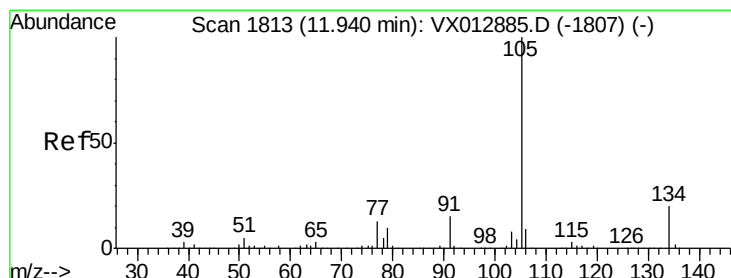
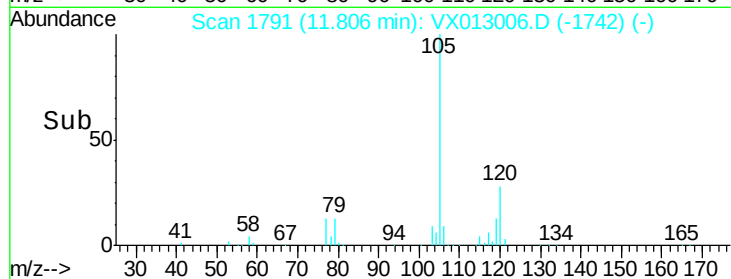
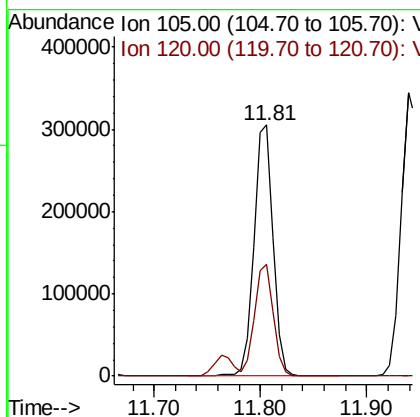
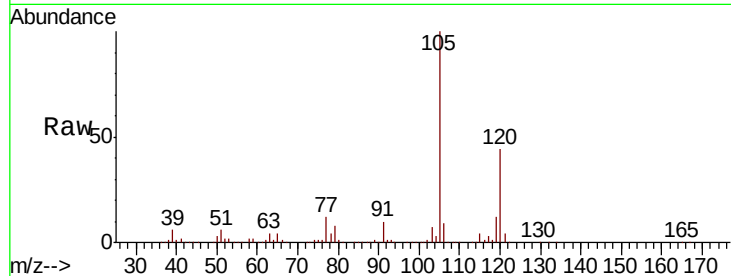




#84
 1,2,4-Trimethylbenzene
 Concen: 52.824 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX013006.D
 Acq: 10 Oct 2019 19:13

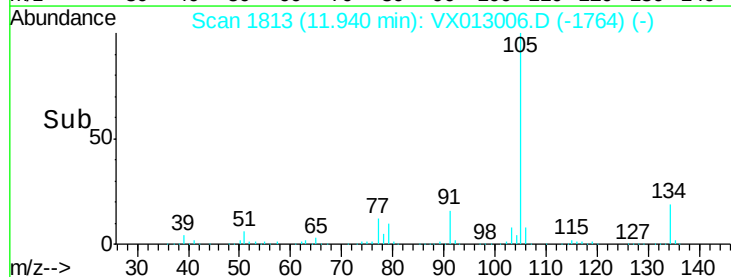
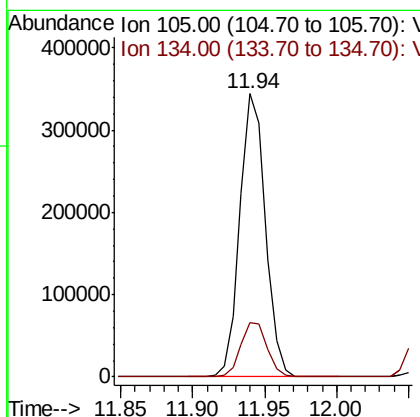
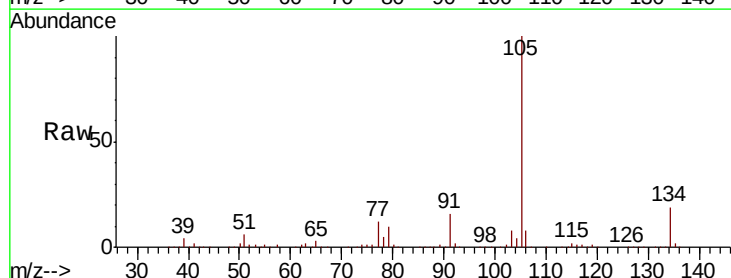
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW1964MS

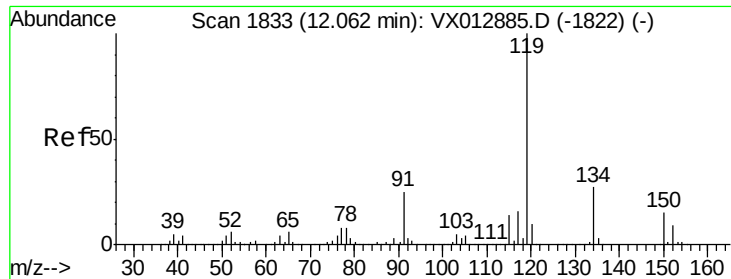
Tot Ion:105 Resp: 383701
 Ion Ratio Lower Upper
 105 100
 120 43.7 21.8 65.3



#85
 sec-Butylbenzene
 Concen: 52.428 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX013006.D
 Acq: 10 Oct 2019 19:13

Tgt Ion:105 Resp: 424961
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.0 30.0

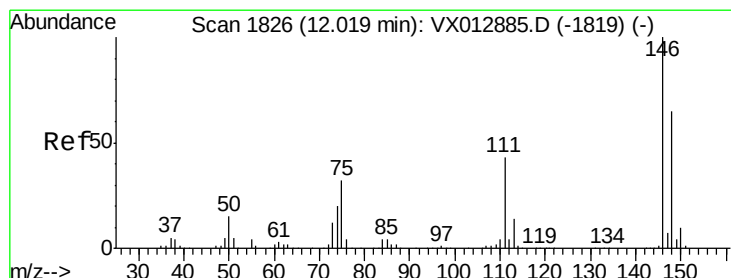
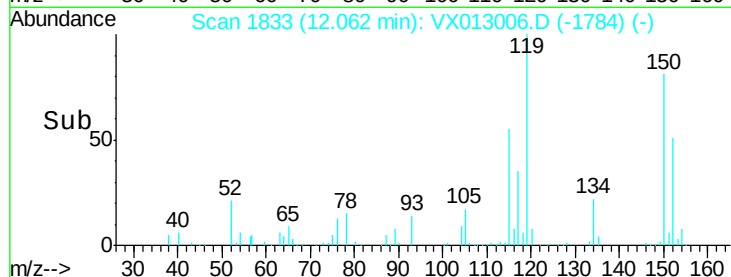
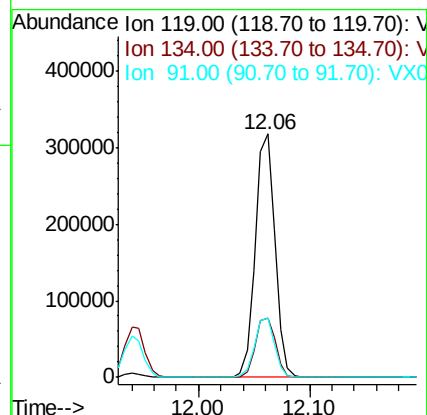
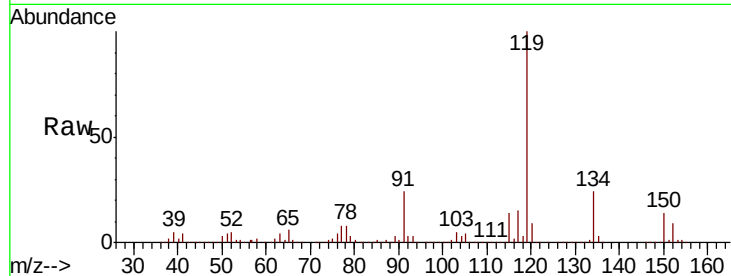




#86
 p-Isopropyltoluene
 Concen: 51.908 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX013006.D
 Acq: 10 Oct 2019 19:13

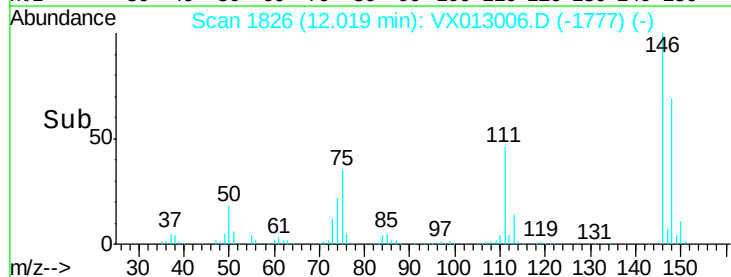
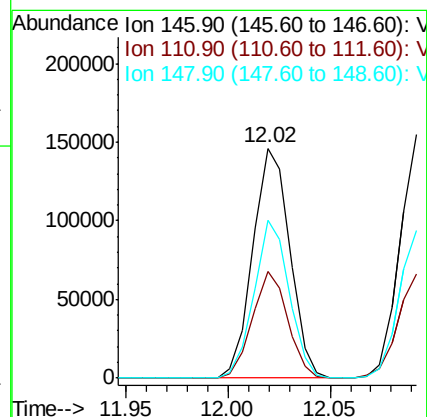
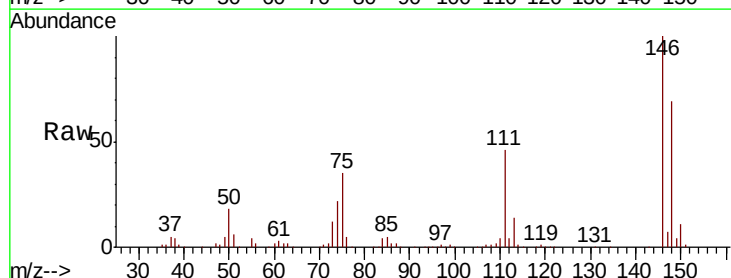
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW1964MS

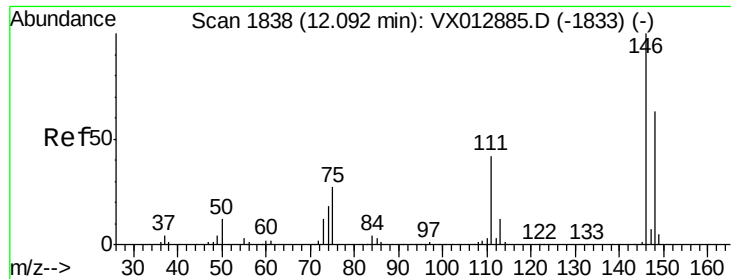
Tot Ion:119 Resp: 390218
 Ion Ratio Lower Upper
 119 100
 134 25.1 12.6 37.8
 91 24.5 12.4 37.4



#87
 1,3-Dichlorobenzene
 Concen: 49.129 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013006.D
 Acq: 10 Oct 2019 19:13

Tgt Ion:146 Resp: 184661
 Ion Ratio Lower Upper
 146 100
 111 44.5 21.1 63.4
 148 65.4 31.6 95.0

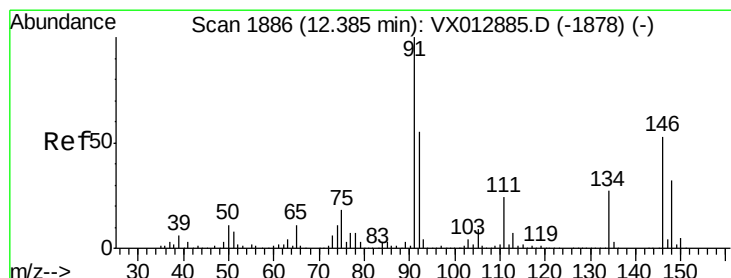
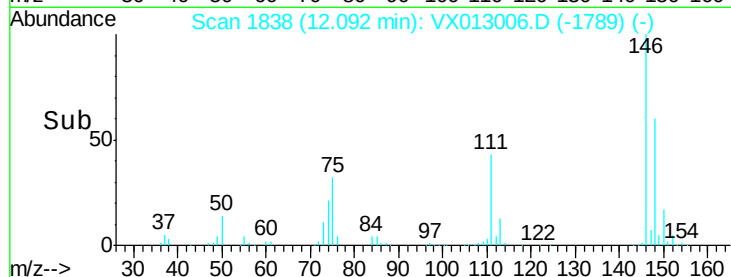
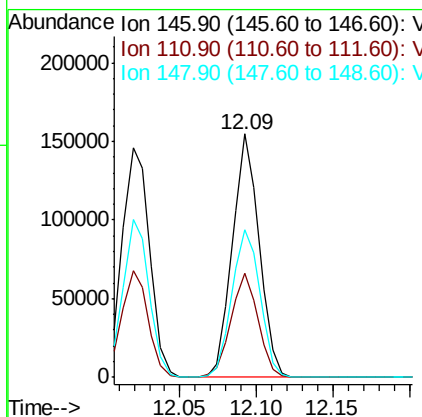
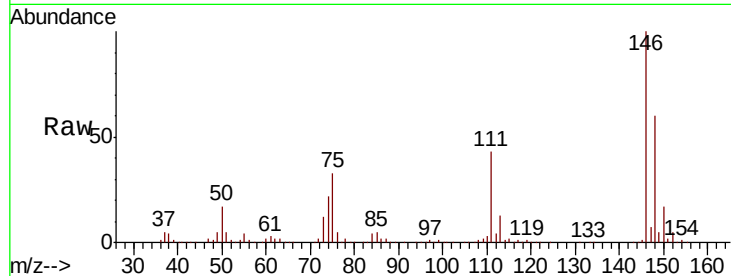




#88
 1,4-Dichlorobenzene
 Concen: 49.298 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013006.D
 Acq: 10 Oct 2019 19:13

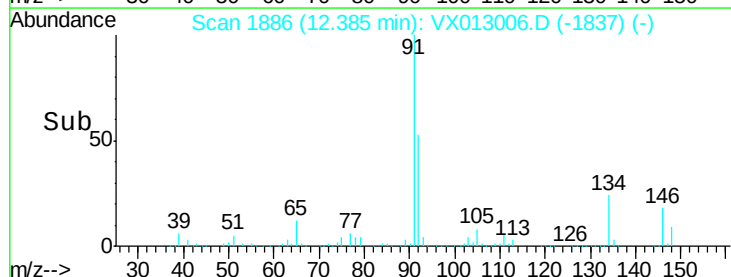
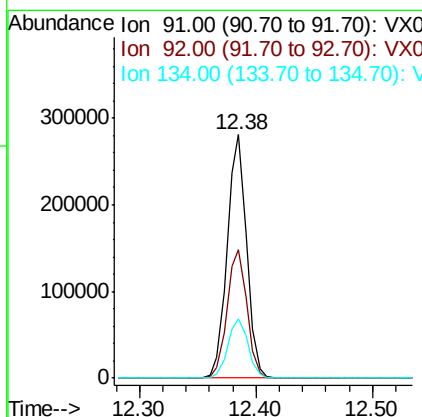
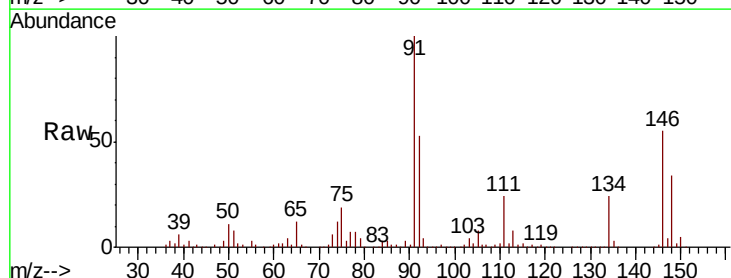
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW1964MS

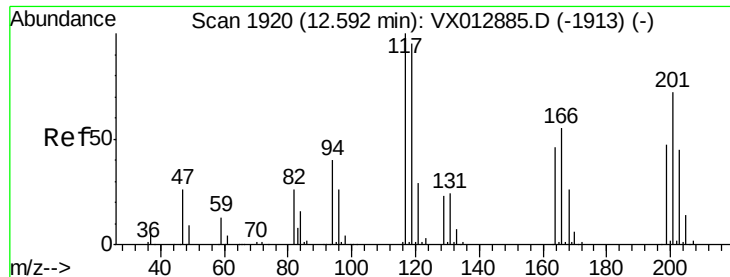
Tot Ion:146 Resp: 187661
 Ion Ratio Lower Upper
 146 100
 111 43.2 21.4 64.3
 148 63.7 32.1 96.5



#89
 n-Butylbenzene
 Concen: 51.236 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013006.D
 Acq: 10 Oct 2019 19:13

Tgt Ion: 91 Resp: 323716
 Ion Ratio Lower Upper
 91 100
 92 54.0 27.5 82.5
 134 25.3 12.9 38.7





#90

Hexachloroethane

Concen: 48.346 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX013006.D

Acq: 10 Oct 2019 19:13

Instrument :

MSVOA_X

ClientSampleId :

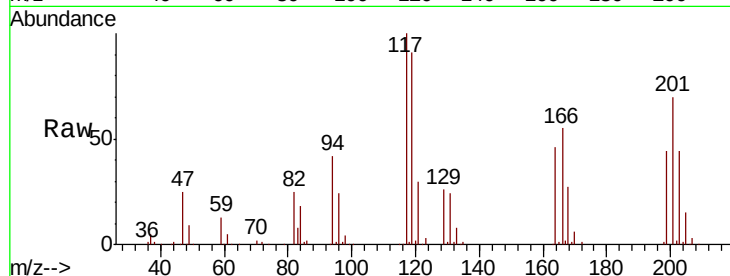
FA19-JMW1964MS

Tot Ion:117 Resp: 67212

Ion Ratio Lower Upper

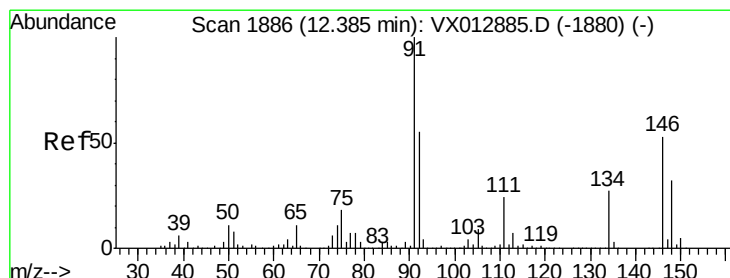
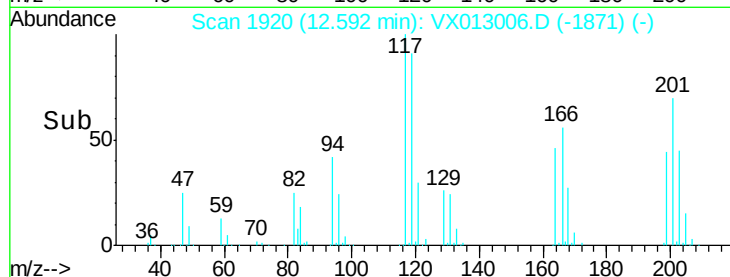
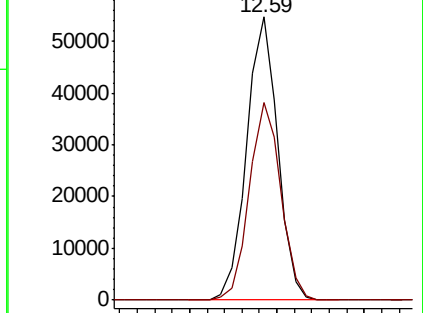
117 100

201 71.0 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: 51.627 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013006.D

Acq: 10 Oct 2019 19:13

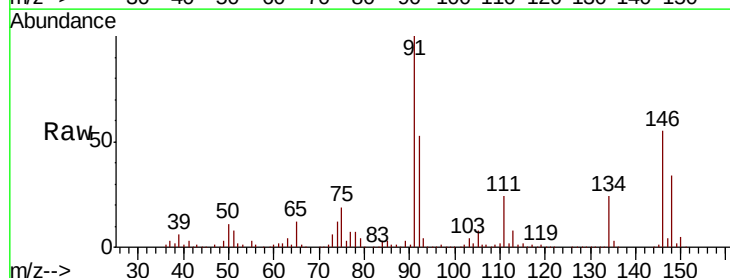
Tgt Ion:146 Resp: 190237

Ion Ratio Lower Upper

146 100

111 44.1 22.7 68.0

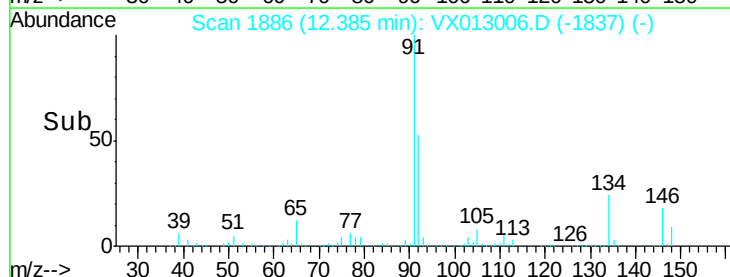
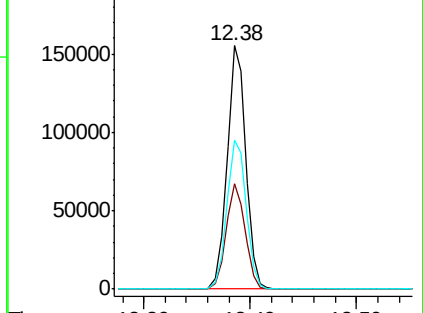
148 63.5 31.6 94.7

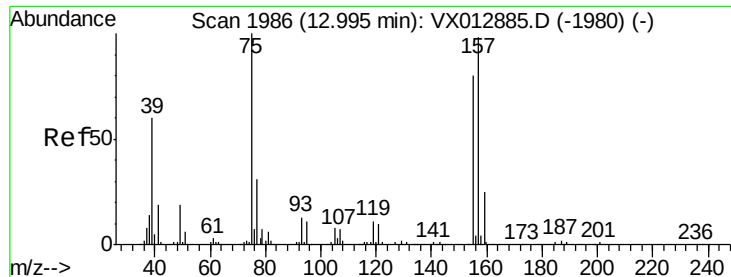


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 54.214 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VX013006.D

Acq: 10 Oct 2019 19:13

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW1964MS

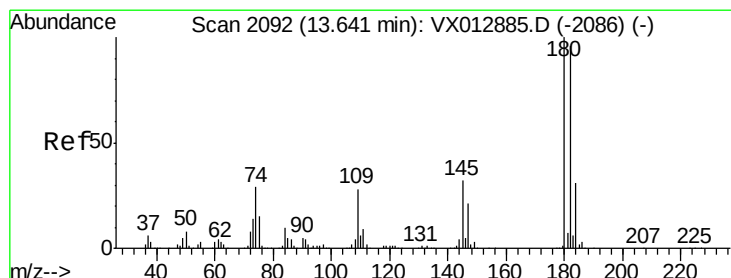
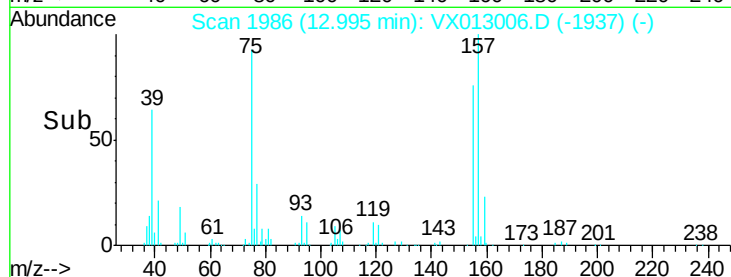
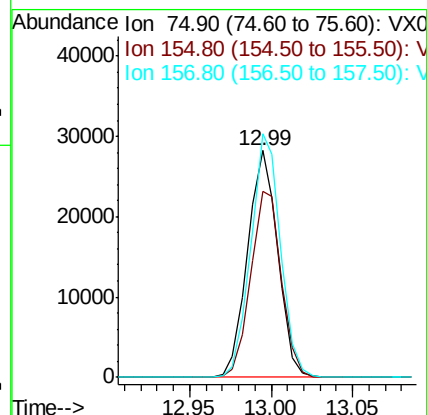
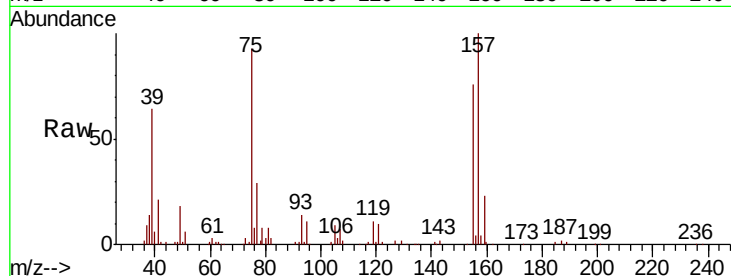
Tot Ion: 75 Resp: 36301

Ion	Ratio	Lower	Upper
75	100		
155	83.6	43.0	128.8
157	105.6	54.1	162.3

75 100

155 83.6 43.0 128.8

157 105.6 54.1 162.3



#93

1,2,4-Trichlorobenzene

Concen: 49.307 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. -0.00 min

Lab File: VX013006.D

Acq: 10 Oct 2019 19:13

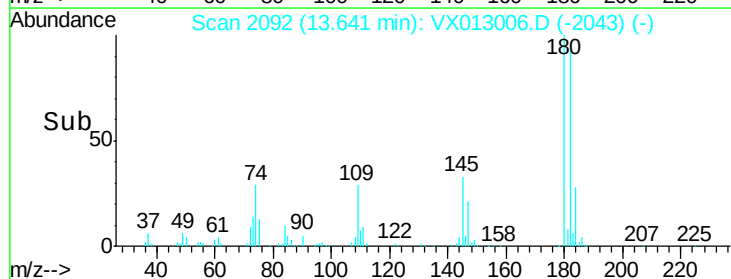
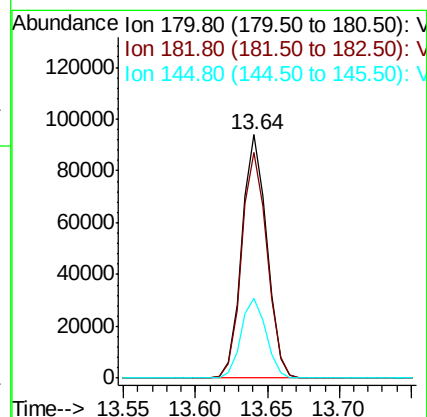
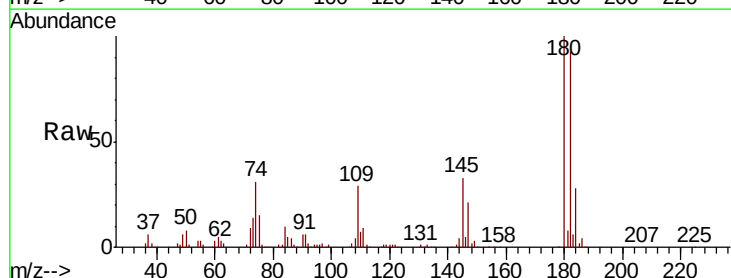
Tgt Ion:180 Resp: 113814

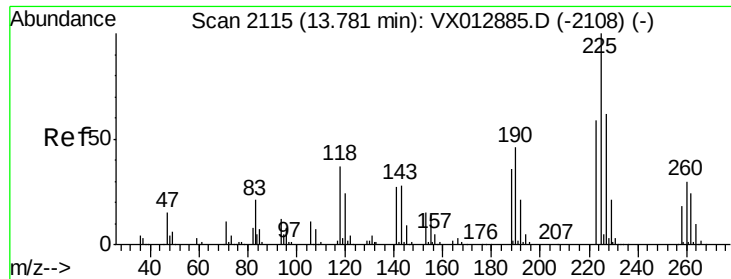
Ion	Ratio	Lower	Upper
180	100		
182	94.2	46.8	140.4
145	33.0	16.2	48.6

180 100

182 94.2 46.8 140.4

145 33.0 16.2 48.6





#94

Hexachlorobutadiene

Concen: 46.938 ug/l

RT: 13.77 min Scan# 2114

Delta R.T. -0.01 min

Lab File: VX013006.D

Acq: 10 Oct 2019 19:13

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW1964MS

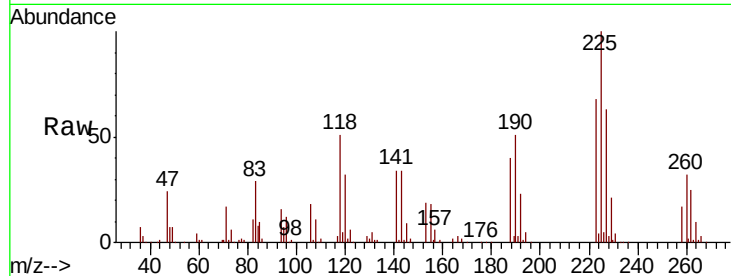
Tot Ion:225 Resp: 50002

Ion Ratio Lower Upper

225 100

223 63.5 31.1 93.2

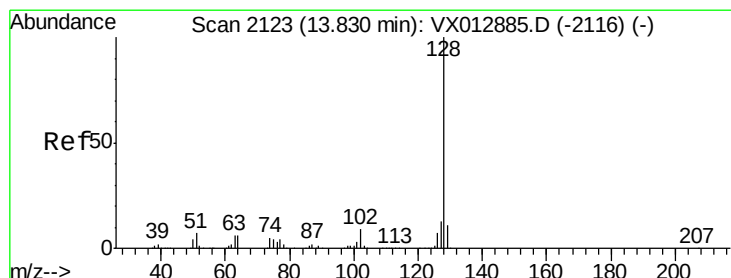
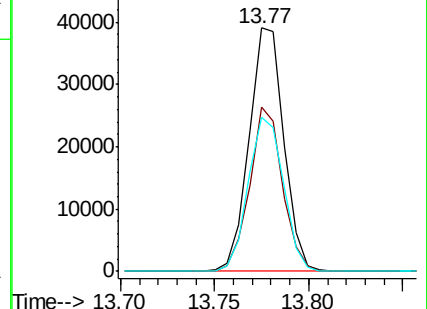
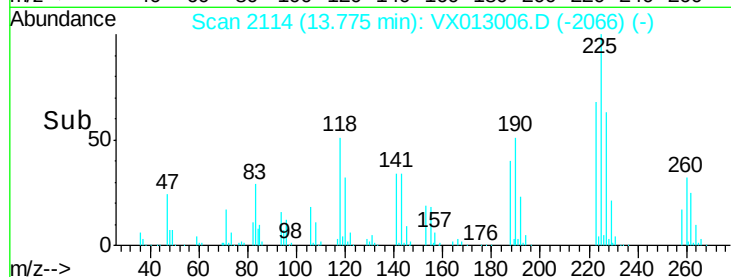
227 64.2 32.3 96.9



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: 50.722 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX013006.D

Acq: 10 Oct 2019 19:13

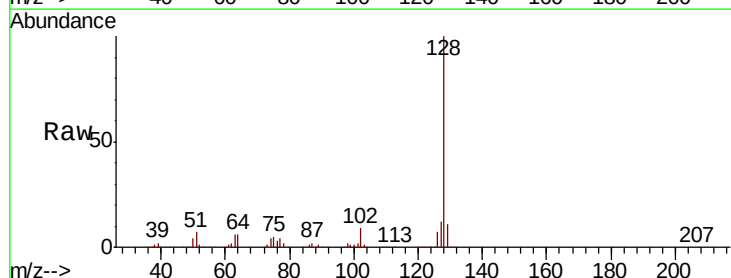
Tgt Ion:128 Resp: 405862

Ion Ratio Lower Upper

128 100

127 12.5 10.2 15.4

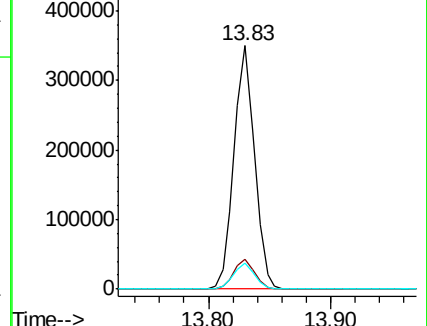
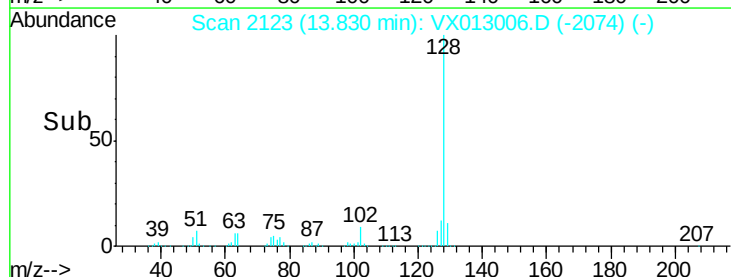
129 10.9 8.8 13.2

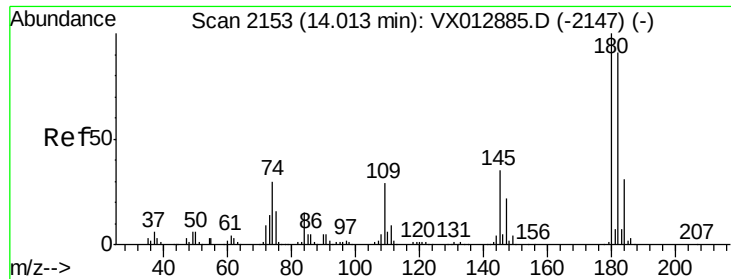


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 49.325 ug/l
 RT: 14.01 min Scan# 2153
 Delta R.T. -0.00 min
 Lab File: VX013006.D
 Acq: 10 Oct 2019 19:13

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW1964MS

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.5	142.5
145	34.7	17.4	52.3

