

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100919\
 Data File : VX012977.D
 Acq On : 10 Oct 2019 05:43
 Operator : JC/SP
 Sample : K5259-04MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW1963MSD

Quant Time: Oct 10 06:52:32 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	158798	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	279445	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	250561	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	114350	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	105475	53.14	ug/l	0.00
Spiked Amount						
			Recovery	=	106.28%	
35) Dibromofluoromethane	5.49	113	84354	52.59	ug/l	0.00
Spiked Amount						
			Recovery	=	105.18%	
50) Toluene-d8	8.71	98	309289	49.44	ug/l	0.00
Spiked Amount						
			Recovery	=	98.88%	
62) 4-Bromofluorobenzene	11.14	95	118840	48.89	ug/l	0.00
Spiked Amount						
			Recovery	=	97.78%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	78860	48.719	ug/l	98
3) Chloromethane	1.32	50	95332	54.117	ug/l	97
4) Vinyl Chloride	1.40	62	91442	50.291	ug/l	100
5) Bromomethane	1.63	94	37403	49.486	ug/l	99
6) Chloroethane	1.71	64	58464	52.620	ug/l	98
7) Trichlorofluoromethane	1.92	101	122801	50.039	ug/l	100
8) Diethyl Ether	2.18	74	54554	55.073	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	74133	46.675	ug/l	100
10) Methyl Iodide	2.50	142	98790	54.405	ug/l	100
11) Tert butyl alcohol	3.03	59	134536	255.701	ug/l	100
12) 1,1-Dichloroethene	2.36	96	81741	50.938	ug/l	96
13) Acrolein	2.28	56	84145	225.042	ug/l	100
14) Allyl chloride	2.72	41	146818	51.374	ug/l	99
15) Acrylonitrile	3.13	53	279971	280.790	ug/l	100
16) Acetone	2.44	43	244152	233.376	ug/l	99
17) Carbon Disulfide	2.56	76	214246	46.822	ug/l	100
18) Methyl Acetate	2.76	43	122114	49.245	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	316543	57.120	ug/l	97
20) Methylene Chloride	2.84	84	99782	51.898	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	90678	52.720	ug/l	97
22) Diisopropyl ether	3.84	45	306530	55.976	ug/l	96
23) Vinyl Acetate	3.80	43	1228249	259.817	ug/l	99
24) 1,1-Dichloroethane	3.69	63	169110	54.893	ug/l	99
25) 2-Butanone	4.66	43	385667	265.717	ug/l	97
26) 2,2-Dichloropropane	4.57	77	92179	35.582	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	109209	55.084	ug/l	96
28) Bromochloromethane	5.01	49	52957	57.587	ug/l	99
29) Tetrahydrofuran	5.12	42	248887	278.661	ug/l	99
30) Chloroform	5.20	83	170536	53.949	ug/l	97
31) Cyclohexane	5.57	56	135575	47.063	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	142803	53.317	ug/l	99
36) 1,1-Dichloropropene	5.79	75	119199	48.516	ug/l	99
37) Ethyl Acetate	4.82	43	159744	58.146	ug/l	99
38) Carbon Tetrachloride	5.78	117	118286	49.463	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	133431	44.782	ug/l	100
40) Benzene	6.14	78	378848	52.208	ug/l	100
41) Methacrylonitrile	5.03	41	81495	53.985	ug/l	99
42) 1,2-Dichloroethane	6.18	62	141385	54.299	ug/l	99
43) Isopropyl Acetate	6.43	43	228191	51.750	ug/l	100
44) Trichloroethene	7.21	130	98238	48.820	ug/l	91
45) 1,2-Dichloropropane	7.51	63	98860	53.454	ug/l	99
46) Dibromomethane	7.65	93	66623	54.068	ug/l	99
47) Bromodichloromethane	7.89	83	130540	54.286	ug/l	97
48) Methyl methacrylate	7.76	41	116746	54.331	ug/l	98
49) 1,4-Dioxane	7.73	88	57987	1005.407	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	754704	274.517	ug/l	100
52) Toluene	8.78	92	237515	51.162	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	135136	45.247	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	149739	50.630	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	100064	54.466	ug/l	98
56) Ethyl methacrylate	9.17	69	163202	49.622	ug/l	99
57) 1,3-Dichloropropane	9.37	76	168572	53.043	ug/l	99
59) 2-Hexanone	9.49	43	579514	270.791	ug/l	100
60) Dibromochloromethane	9.57	129	101350	49.588	ug/l	99
61) 1,2-Dibromoethane	9.67	107	105694	54.689	ug/l	99
64) Tetrachloroethene	9.33	164	90357	51.992	ug/l	95
65) Chlorobenzene	10.14	112	248095	49.861	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	91707	53.157	ug/l	99
67) Ethyl Benzene	10.25	91	438499	49.613	ug/l	100
68) m/p-Xylenes	10.35	106	330072	99.966	ug/l	100
69) o-Xylene	10.70	106	163196	50.684	ug/l	99
70) Stvrene	10.71	104	285058	52.076	ug/l	99
71) Bromoform	10.85	173	68825	47.028	ug/l #	100
73) Isopropylbenzene	11.01	105	422074	50.204	ug/l	100
74) N-amyl acetate	10.89	43	188947	52.184	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	153407	54.862	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	171707	67.701	ug/l	77
77) Bromobenzene	11.25	156	102401	51.688	ug/l	96
78) n-propylbenzene	11.35	91	469096	50.707	ug/l	99
79) 2-Chlorotoluene	11.42	91	291054	50.061	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	361504	51.496	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	41348	42.582	ug/l	96
82) 4-Chlorotoluene	11.51	91	342587	51.409	ug/l	99
83) tert-Butylbenzene	11.77	119	350435	51.173	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	369830	52.017	ug/l	99
85) sec-Butylbenzene	11.94	105	396418	49.966	ug/l	99
86) p-Isopropyltoluene	12.06	119	359378	48.841	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	180617	49.094	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	181105	48.606	ug/l	99
89) n-Butylbenzene	12.39	91	301772	48.798	ug/l	99
90) Hexachloroethane	12.59	117	62524	46.054	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	184714	51.214	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	37225	56.798	ug/l	97
93) 1,2,4-Trichlorobenzene	13.64	180	109327	48.389	ug/l	97

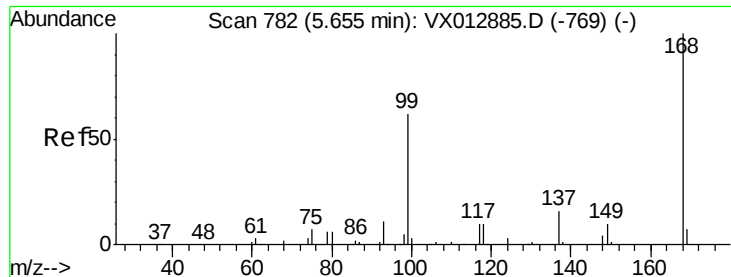
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	48197	46.223	ug/l	98
95) Naphthalene	13.83	128	415425	53.042	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	114692	49.123	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.00 min

Lab File: VX012977.D

Acq: 10 Oct 2019 05:43

Instrument :

MSVOA_X

ClientSampleId :

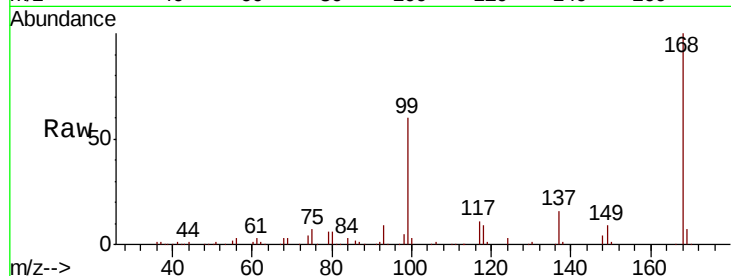
FA19-JMW1963MSD

Tot Ion:168 Resp: 158798

Ion Ratio Lower Upper

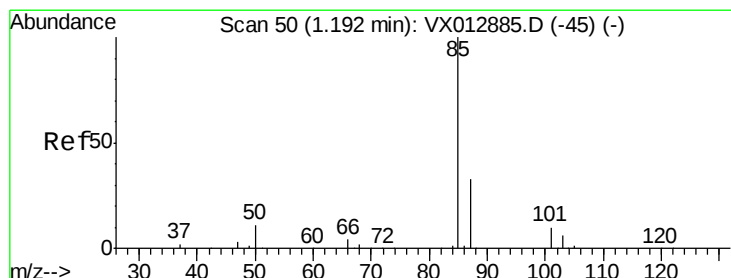
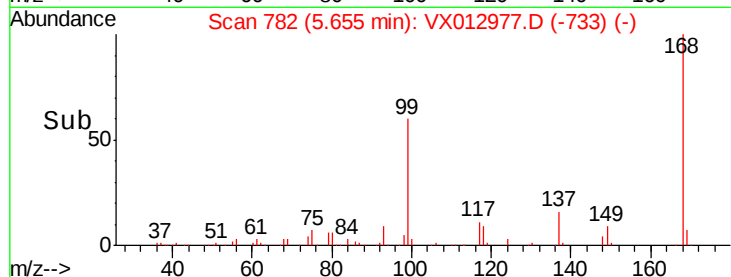
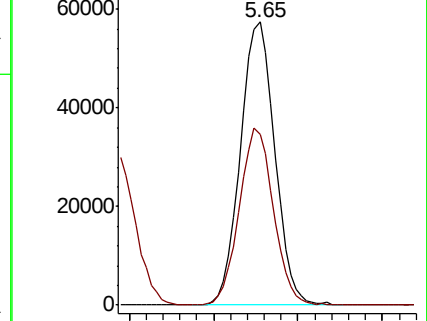
168 100

99 60.0 49.4 74.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 48.719 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.01 min

Lab File: VX012977.D

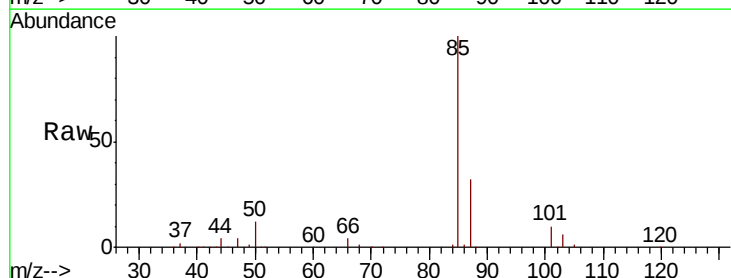
Acq: 10 Oct 2019 05:43

Tgt Ion: 85 Resp: 78860

Ion Ratio Lower Upper

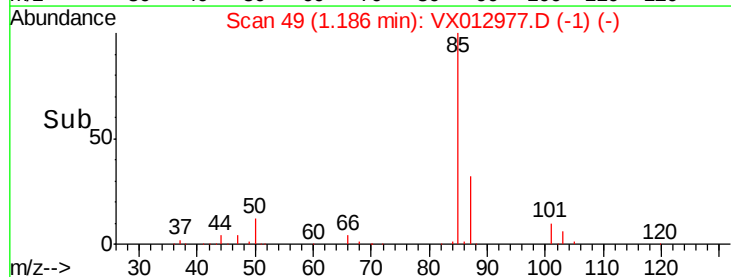
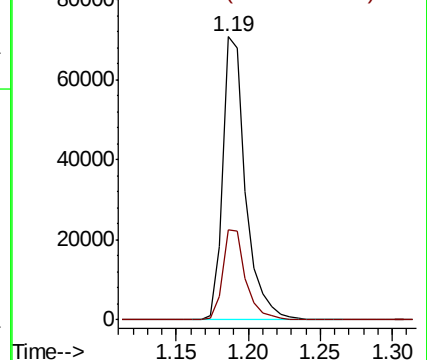
85 100

87 32.0 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 54.117 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX012977.D

Acq: 10 Oct 2019 05:43

Instrument :

MSVOA_X

ClientSampleId :

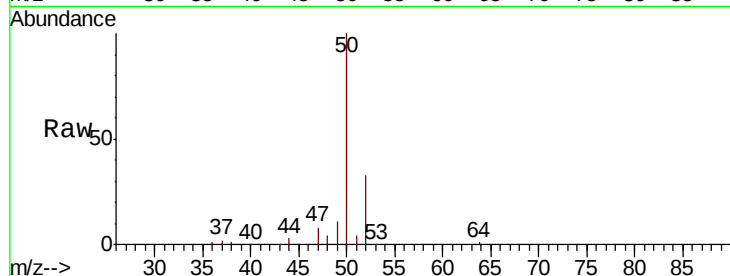
FA19-JMW1963MSD

Tot Ion: 50 Resp: 95332

Ion Ratio Lower Upper

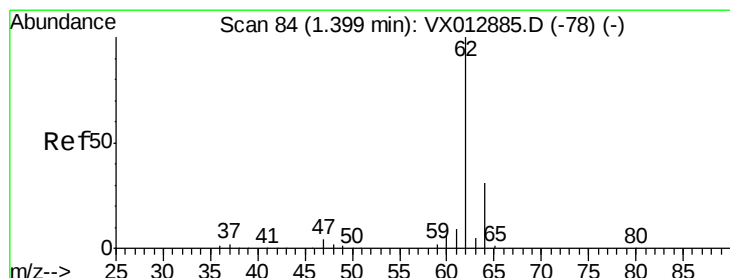
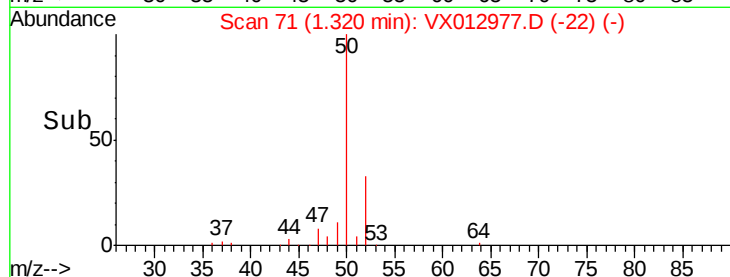
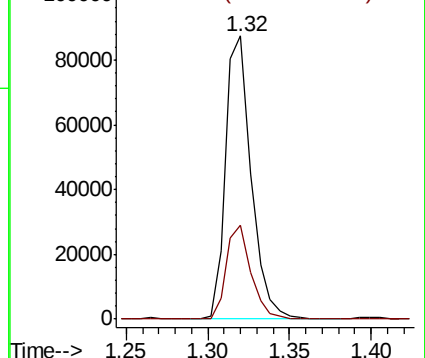
50 100

52 33.0 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: 50.291 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX012977.D

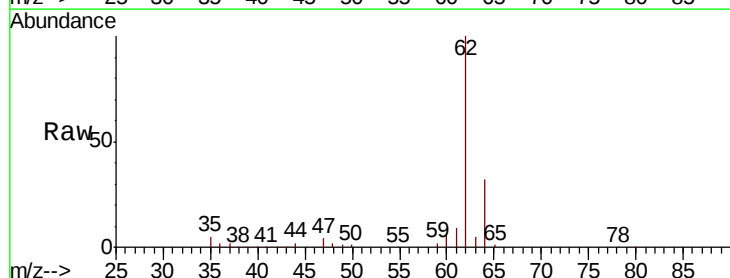
Acq: 10 Oct 2019 05:43

Tgt Ion: 62 Resp: 91442

Ion Ratio Lower Upper

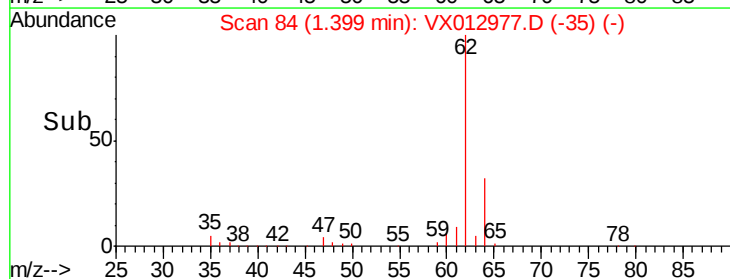
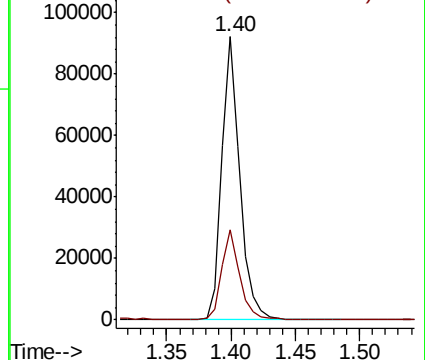
62 100

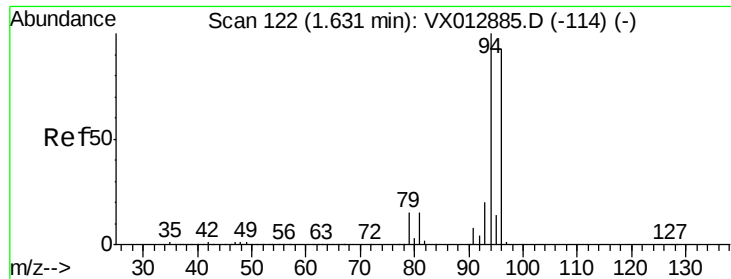
64 31.9 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 49.486 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX012977.D

Acq: 10 Oct 2019 05:43

Instrument :

MSVOA_X

ClientSampleId :

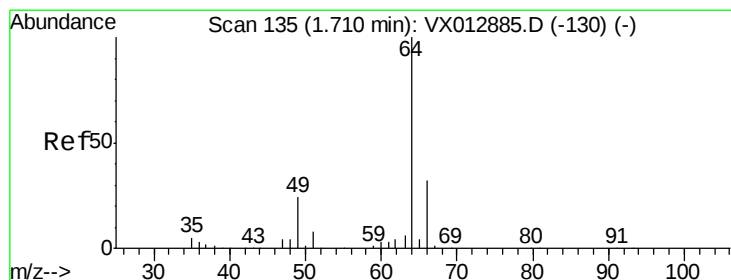
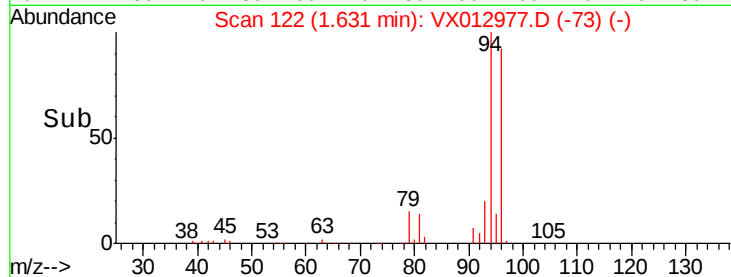
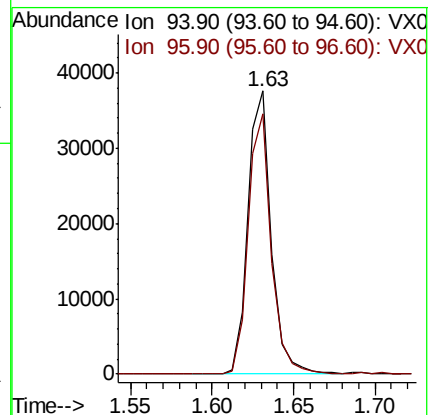
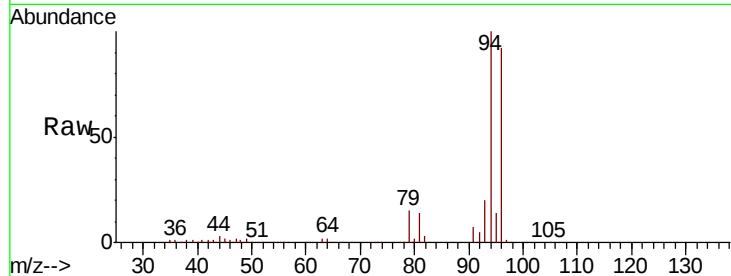
FA19-JMW1963MSD

Tot Ion: 94 Resp: 37403

Ion Ratio Lower Upper

94 100

96 92.1 74.7 112.1



#6

Chloroethane

Concen: 52.620 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX012977.D

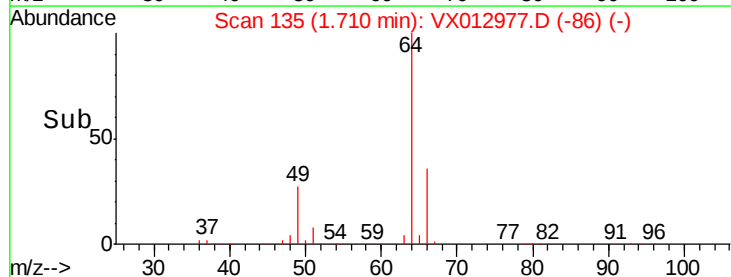
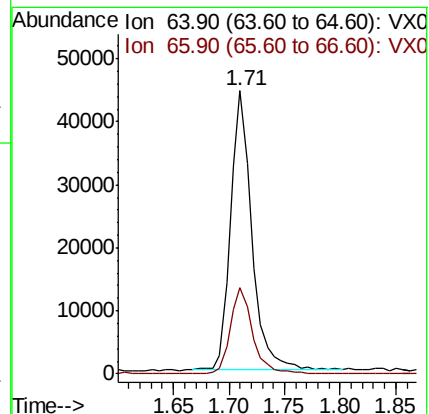
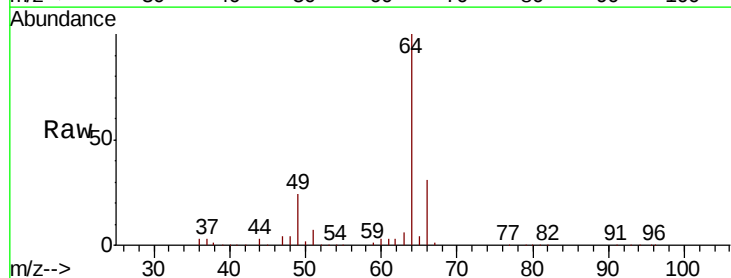
Acq: 10 Oct 2019 05:43

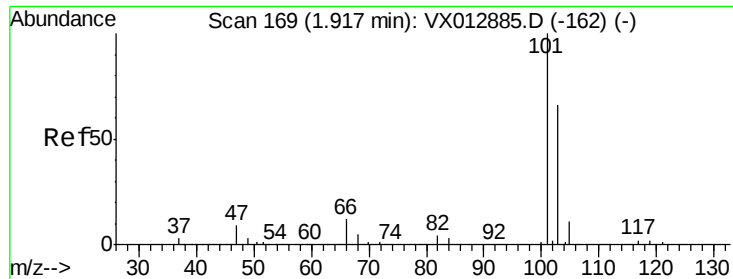
Tgt Ion: 64 Resp: 58464

Ion Ratio Lower Upper

64 100

66 30.9 25.6 38.4



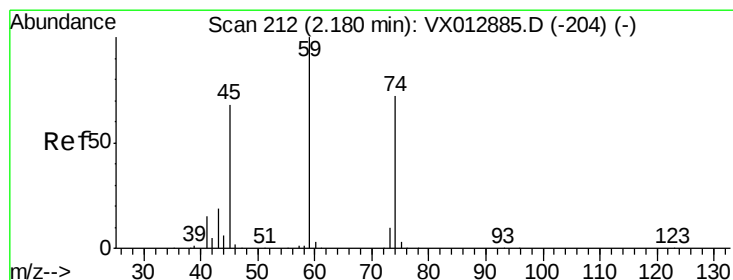
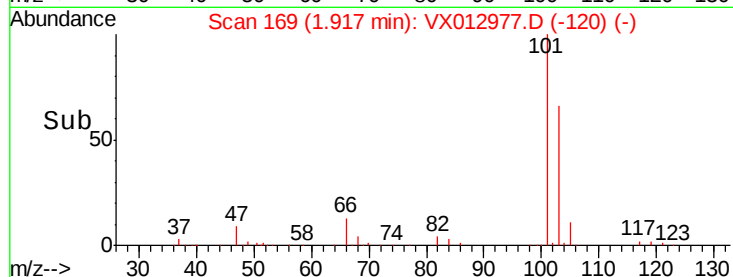
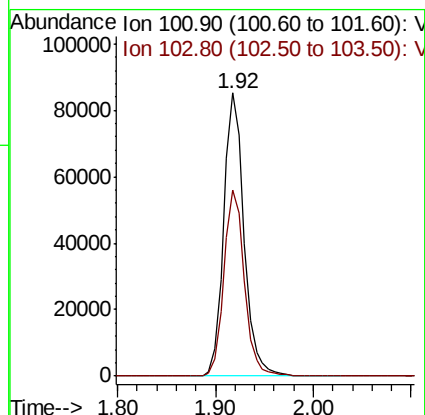
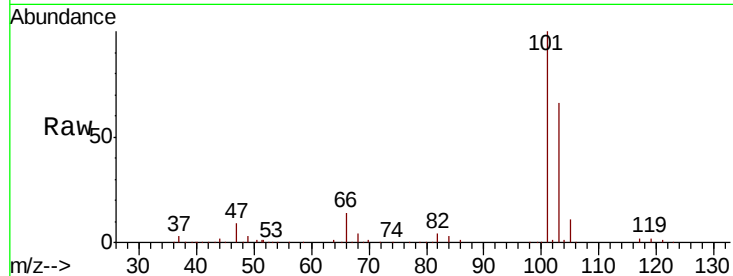


#7

Trichlorofluoromethane
 Concen: 50.039 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. -0.00 min
 Lab File: VX012977.D
 Acq: 10 Oct 2019 05:43

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW1963MSD

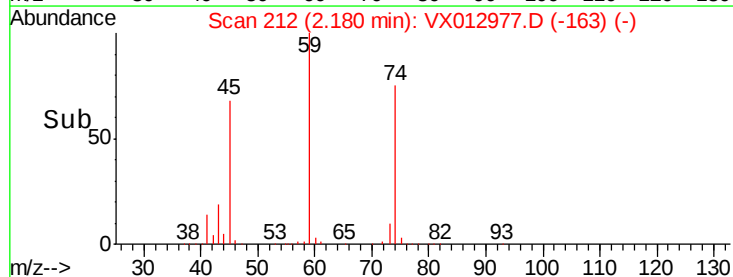
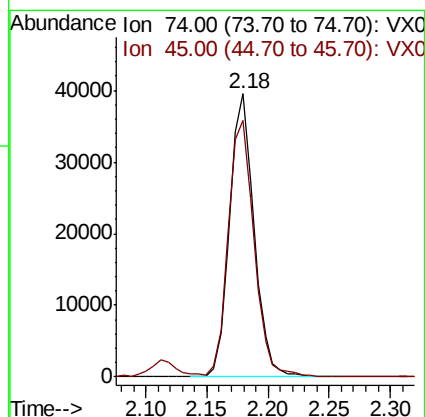
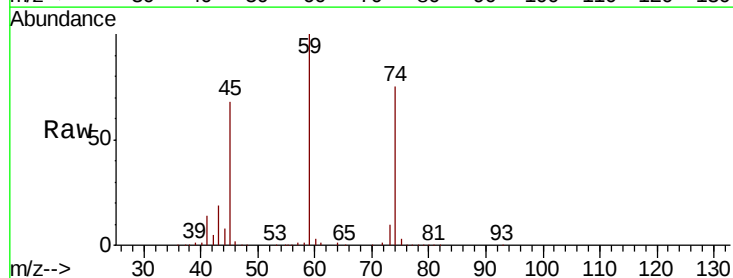
Tot Ion:101 Resp: 122801
 Ion Ratio Lower Upper
 101 100
 103 65.6 52.5 78.7

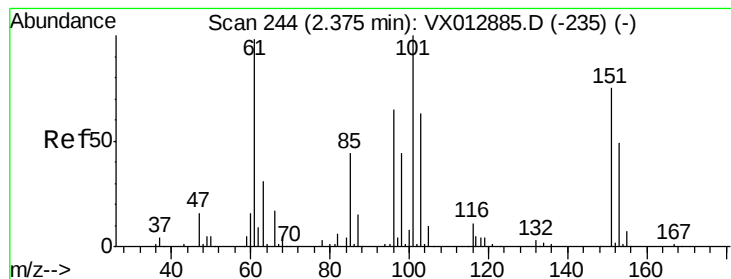


#8

Diethyl Ether
 Concen: 55.073 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX012977.D
 Acq: 10 Oct 2019 05:43

Tgt Ion: 74 Resp: 54554
 Ion Ratio Lower Upper
 74 100
 45 95.7 47.8 143.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.675 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX012977.D

Acq: 10 Oct 2019 05:43

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW1963MSD

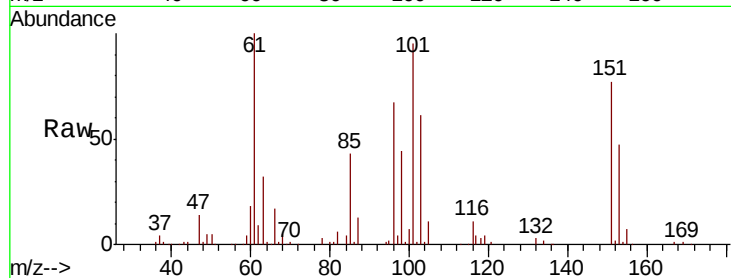
Tot Ion:101 Resp: 74133

Ion Ratio Lower Upper

101 100

85 44.0 35.2 52.8

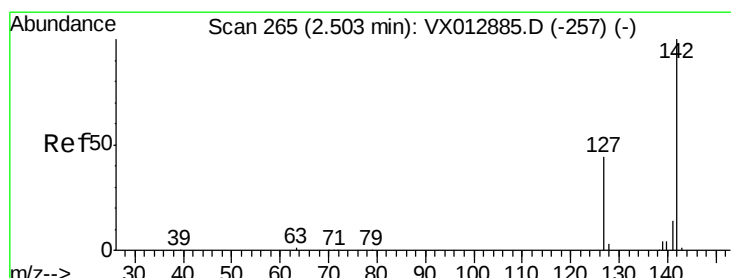
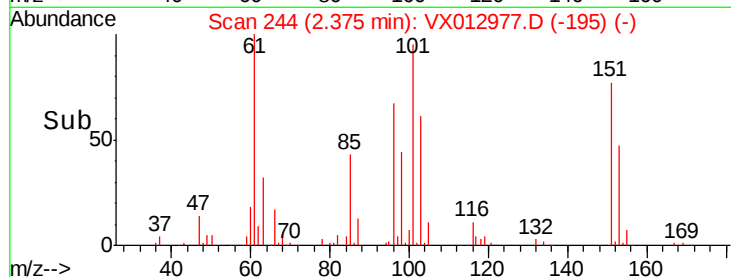
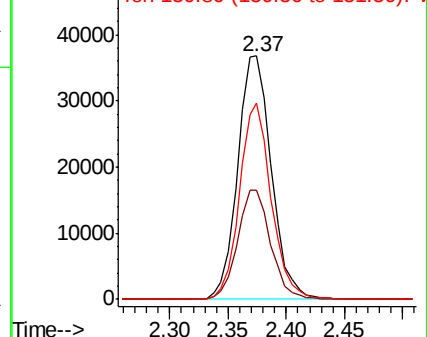
151 75.8 60.3 90.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 54.405 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX012977.D

Acq: 10 Oct 2019 05:43

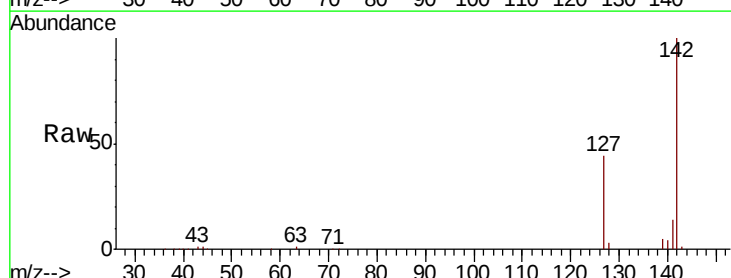
Tgt Ion:142 Resp: 98790

Ion Ratio Lower Upper

142 100

127 43.9 34.9 52.3

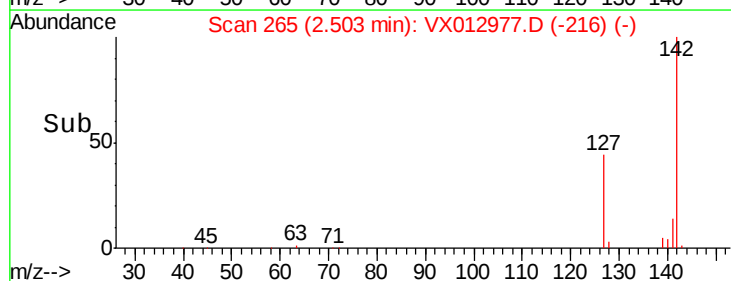
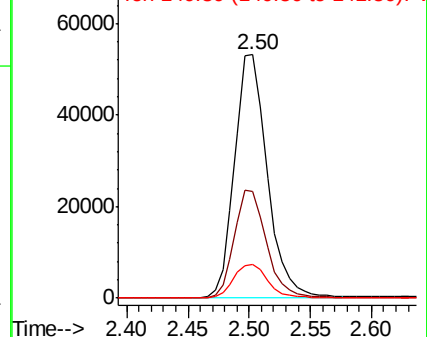
141 14.5 11.6 17.4

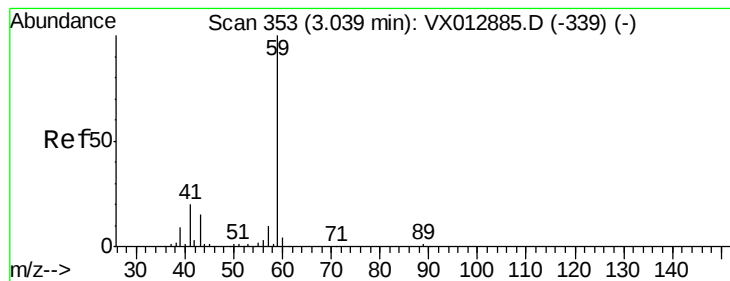


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



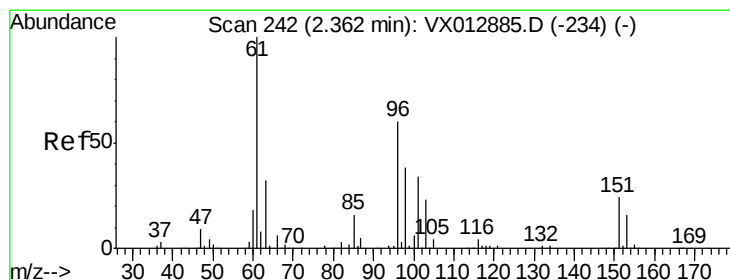
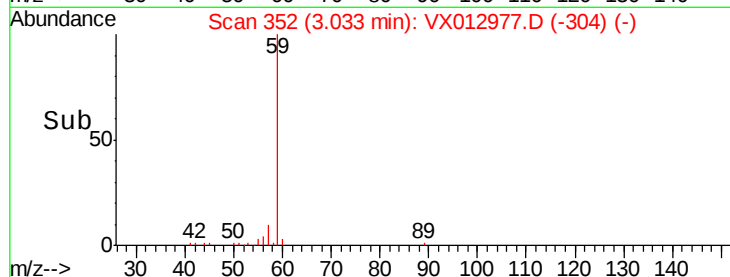
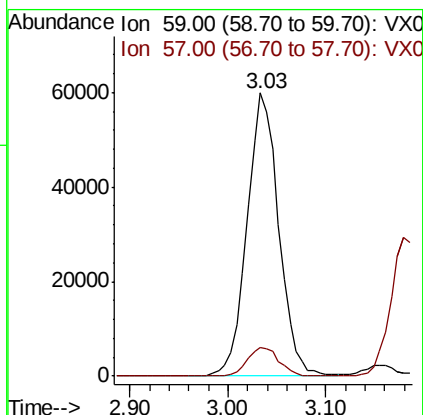
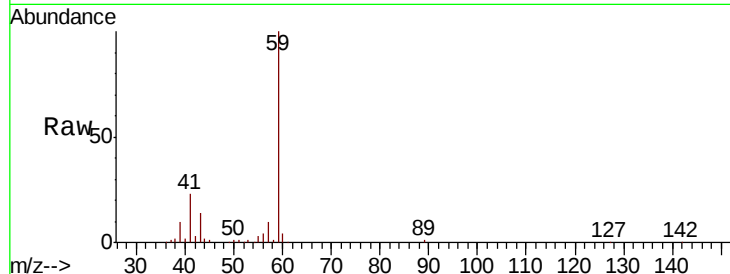


#11

Tert butyl alcohol
 Concen: 255.701 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VX012977.D
 Acq: 10 Oct 2019 05:43

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW1963MSD

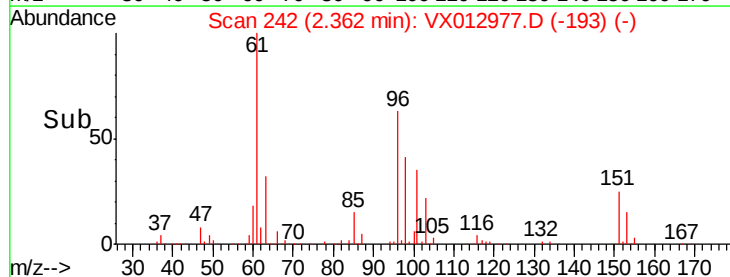
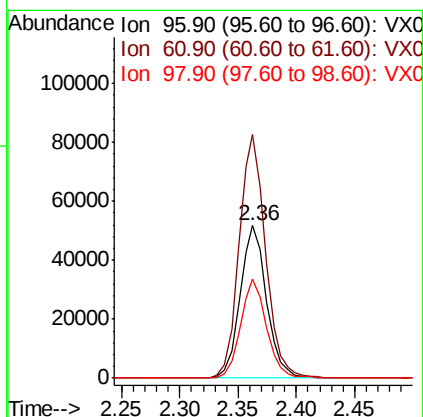
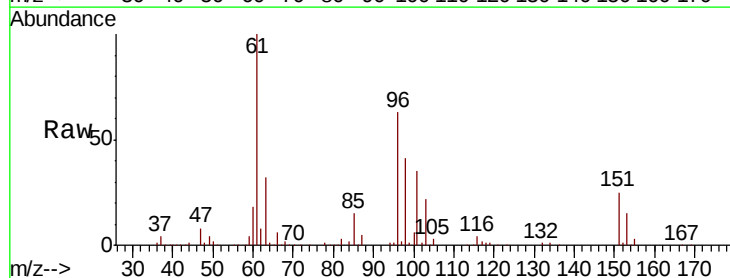
Tot Ion: 59 Resp: 134536
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.3 12.5

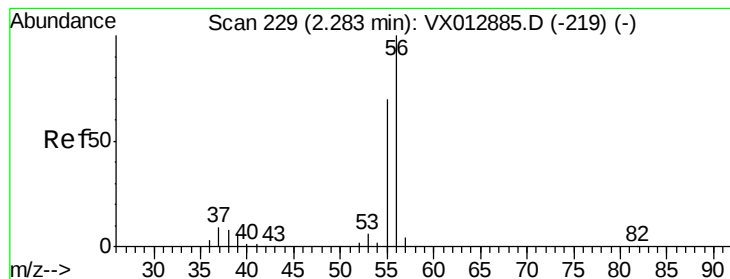


#12

1,1-Dichloroethene
 Concen: 50.938 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. -0.00 min
 Lab File: VX012977.D
 Acq: 10 Oct 2019 05:43

Tgt Ion: 96 Resp: 81741
 Ion Ratio Lower Upper
 96 100
 61 159.9 132.2 198.4
 98 65.3 50.5 75.7





#13

Acrolein

Concen: 225.042 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX012977.D

Acq: 10 Oct 2019 05:43

Instrument :

MSVOA_X

ClientSampleId :

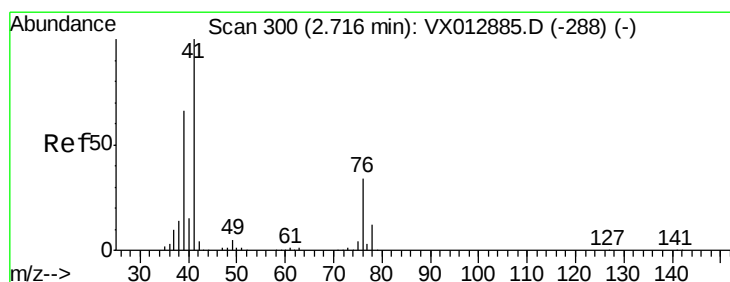
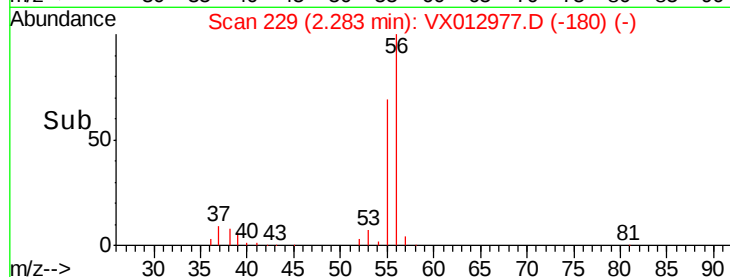
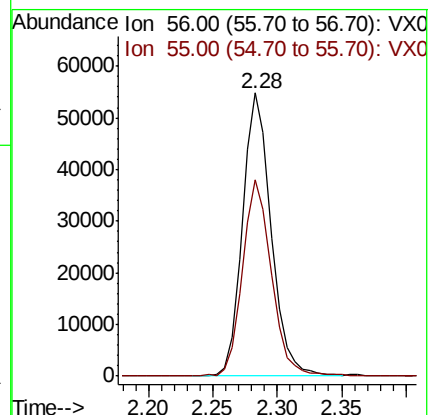
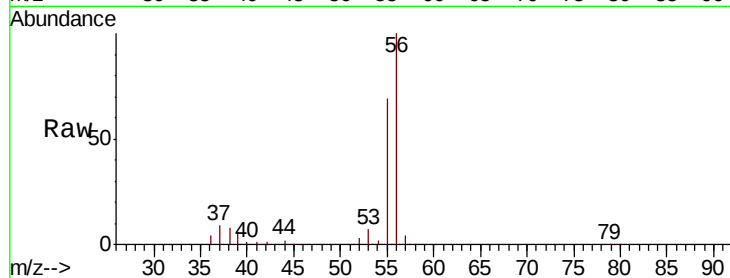
FA19-JMW1963MSD

Tot Ion: 56 Resp: 84145

Ion Ratio Lower Upper

56 100

55 70.4 56.6 85.0



#14

Allyl chloride

Concen: 51.374 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX012977.D

Acq: 10 Oct 2019 05:43

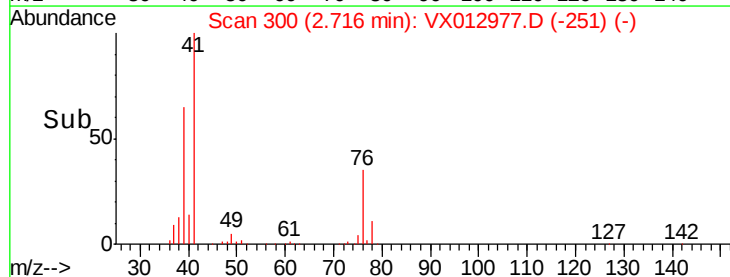
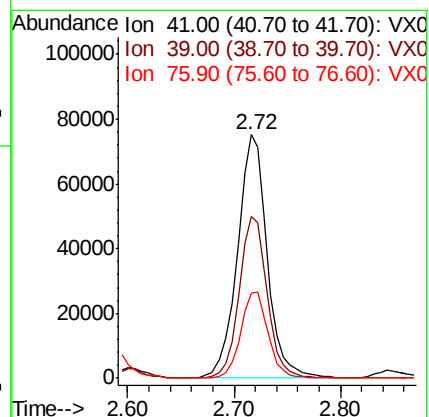
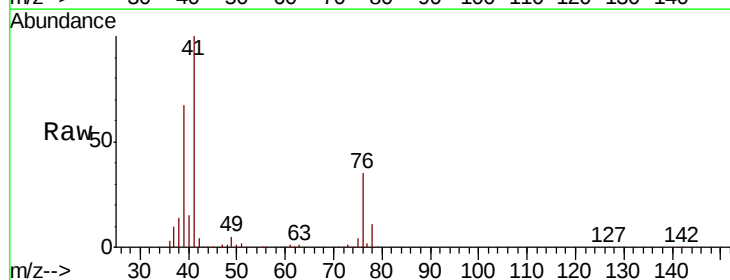
Tgt Ion: 41 Resp: 146818

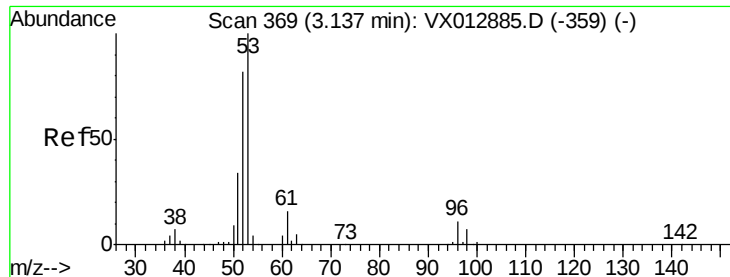
Ion Ratio Lower Upper

41 100

39 62.8 51.0 76.6

76 32.5 26.2 39.4





#15

Acrylonitrile

Concen: 280.790 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.01 min

Lab File: VX012977.D

Acq: 10 Oct 2019 05:43

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW1963MSD

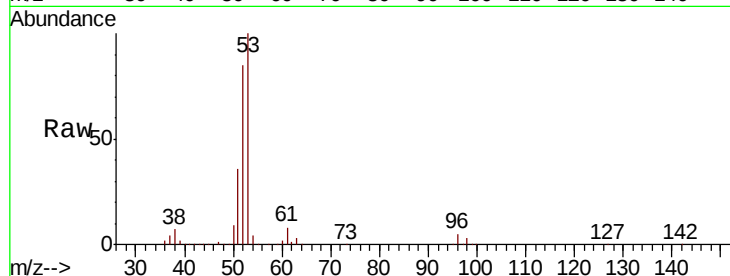
Tot Ion: 53 Resp: 279971

Ion Ratio Lower Upper

53 100

52 82.8 66.2 99.2

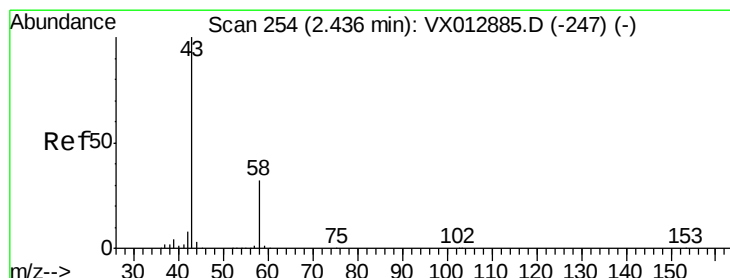
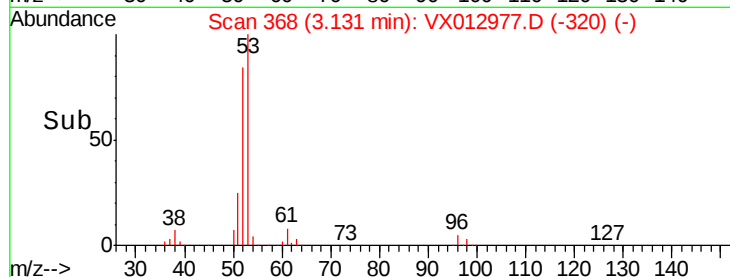
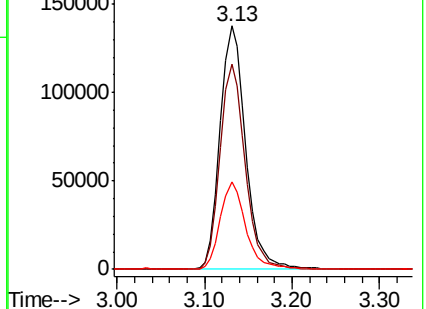
51 36.0 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 233.376 ug/l

RT: 2.44 min Scan# 254

Delta R.T. -0.00 min

Lab File: VX012977.D

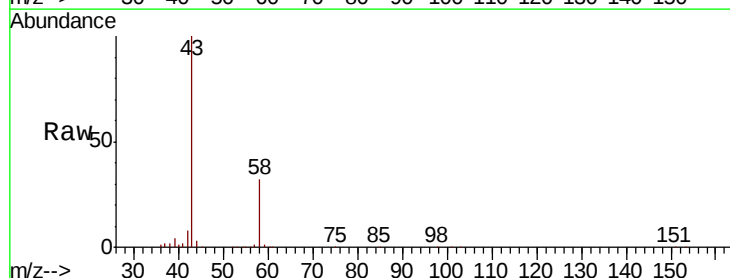
Acq: 10 Oct 2019 05:43

Tgt Ion: 43 Resp: 244152

Ion Ratio Lower Upper

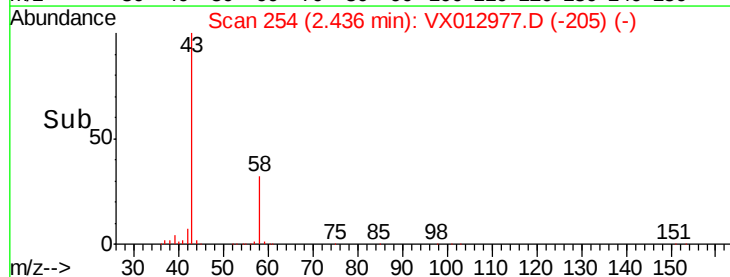
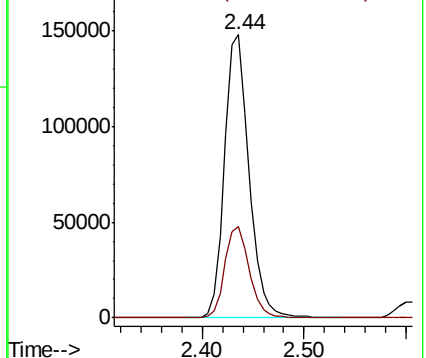
43 100

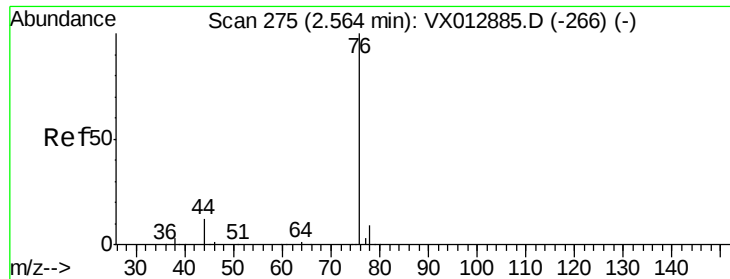
58 32.4 25.4 38.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

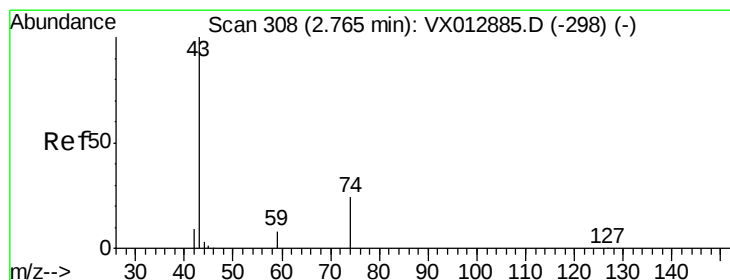
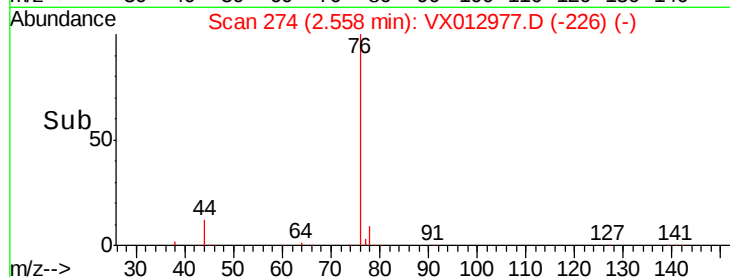
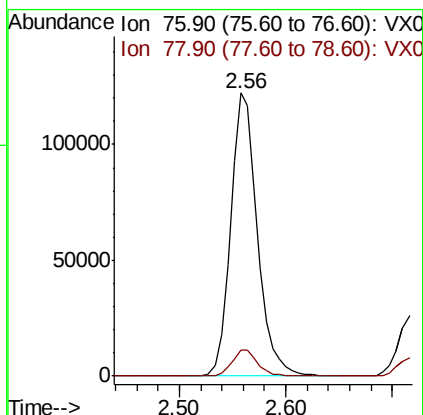
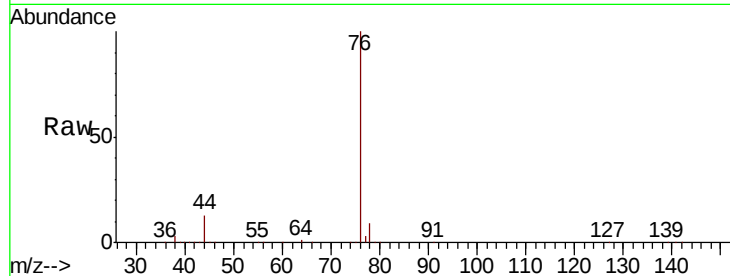




#17
Carbon Disulfide
Concen: 46.822 ug/l
RT: 2.56 min Scan# 274
Delta R.T. -0.01 min
Lab File: VX012977.D
Acq: 10 Oct 2019 05:43

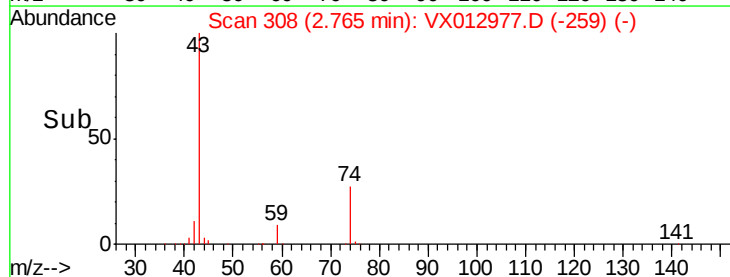
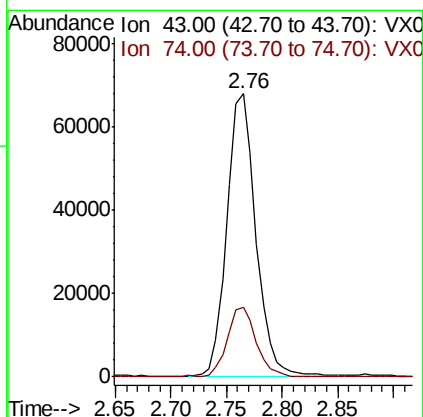
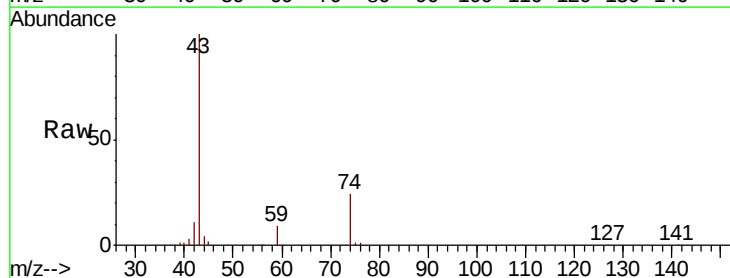
Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW1963MSD

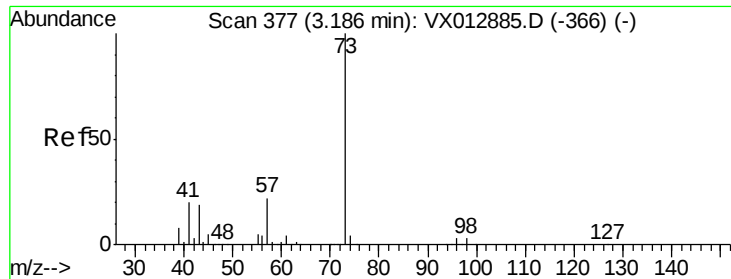
Tot Ion: 76 Resp: 214246
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7



#18
Methyl Acetate
Concen: 49.245 ug/l
RT: 2.76 min Scan# 308
Delta R.T. -0.00 min
Lab File: VX012977.D
Acq: 10 Oct 2019 05:43

Tgt Ion: 43 Resp: 122114
Ion Ratio Lower Upper
43 100
74 25.1 19.2 28.8

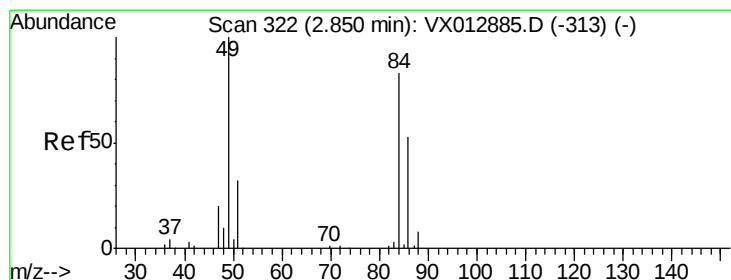
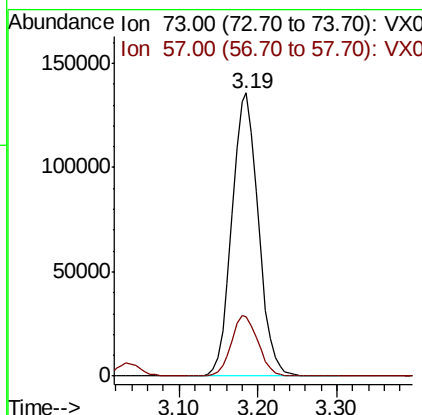
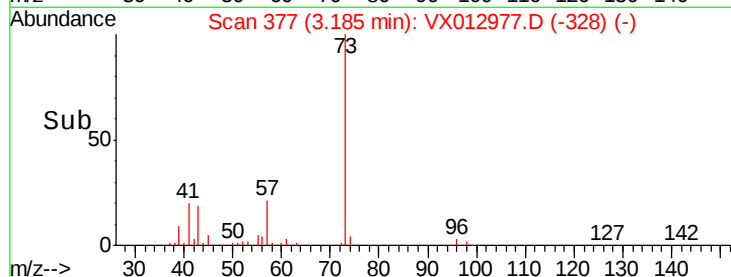
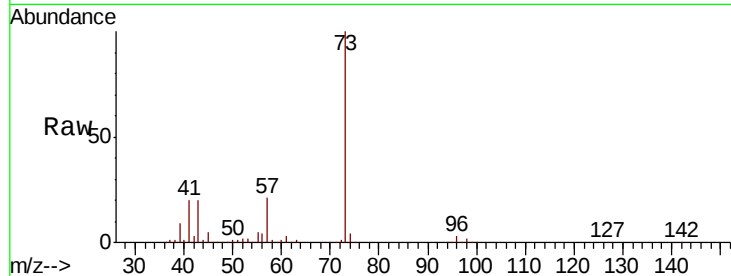




#19
Methyl tert-butyl Ether
Concen: 57.120 ug/l
RT: 3.19 min Scan# 377
Delta R.T. -0.00 min
Lab File: VX012977.D
Acq: 10 Oct 2019 05:43

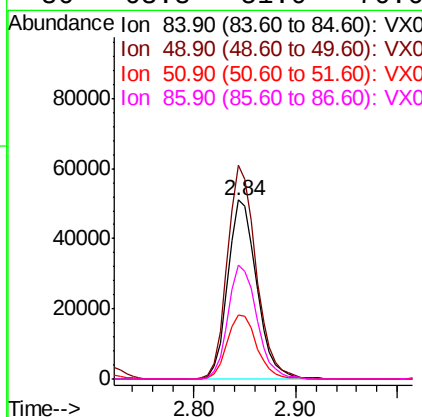
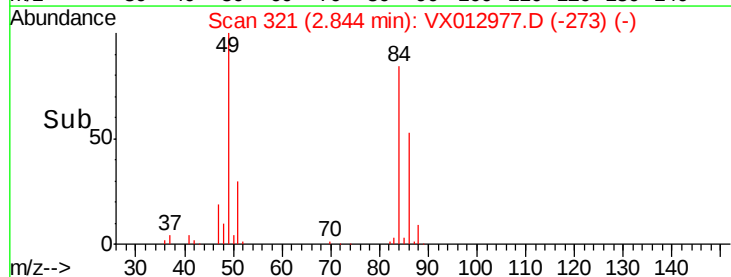
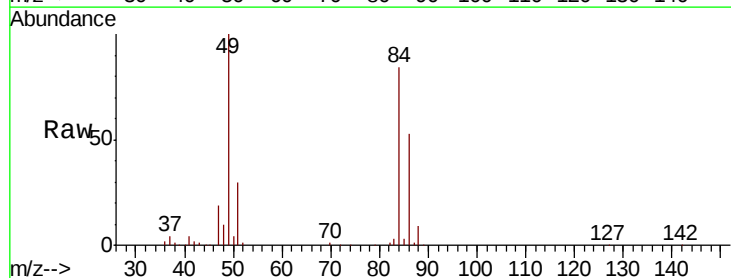
Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW1963MSD

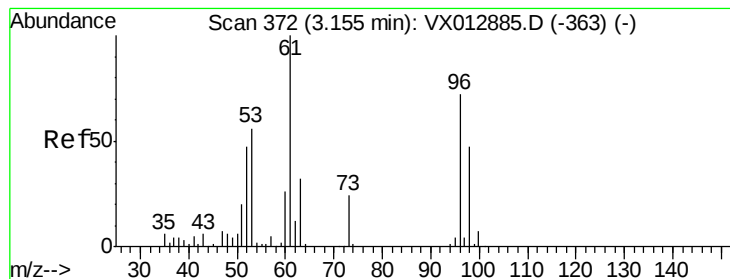
Tot Ion: 73 Resp: 316543
Ion Ratio Lower Upper
73 100
57 20.9 17.8 26.6



#20
Methylene Chloride
Concen: 51.898 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX012977.D
Acq: 10 Oct 2019 05:43

Tgt Ion: 84 Resp: 99782
Ion Ratio Lower Upper
84 100
49 119.4 96.6 144.8
51 36.0 30.7 46.1
86 63.8 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 52.720 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX012977.D

Acq: 10 Oct 2019 05:43

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW1963MSD

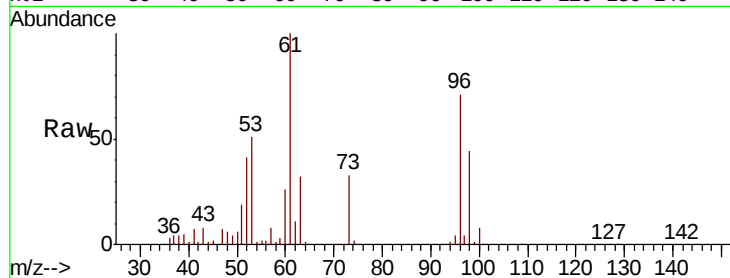
Tot Ion: 96 Resp: 90678

Ion Ratio Lower Upper

96 100

61 140.7 110.4 165.6

98 61.5 51.5 77.3

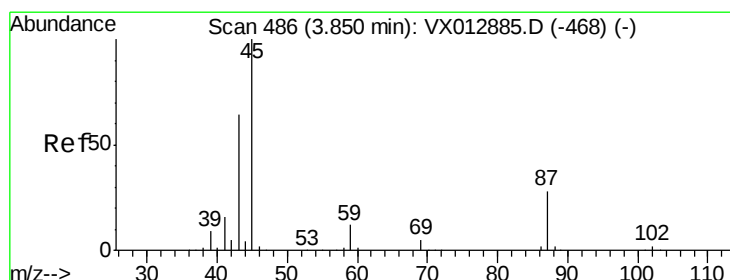
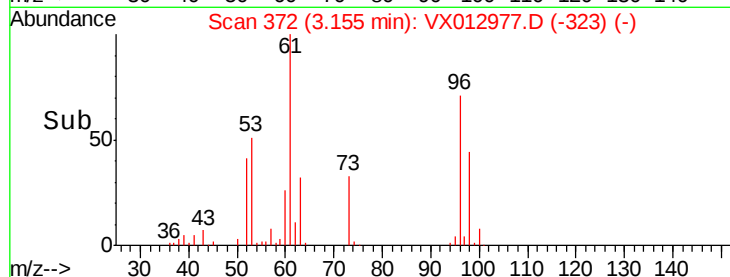
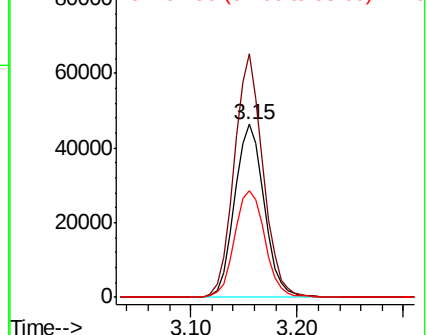


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 55.976 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.01 min

Lab File: VX012977.D

Acq: 10 Oct 2019 05:43

Tgt Ion: 45 Resp: 306530

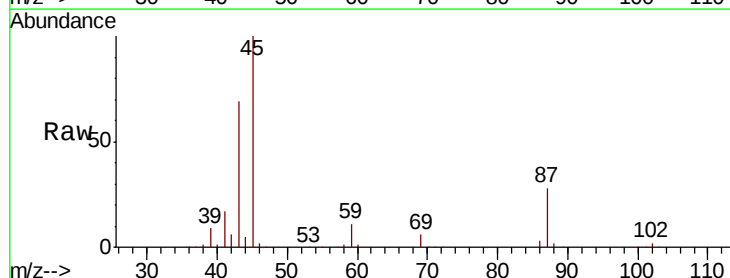
Ion Ratio Lower Upper

45 100

43 68.6 51.4 77.0

87 28.0 22.5 33.7

59 11.2 9.7 14.5



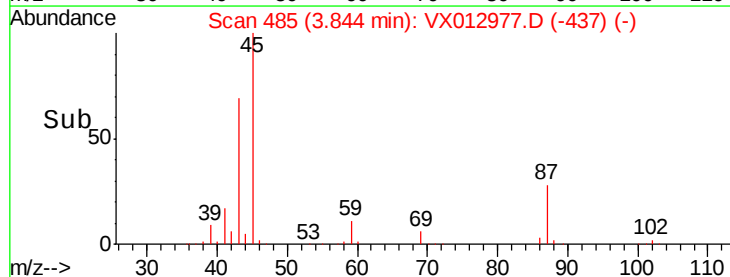
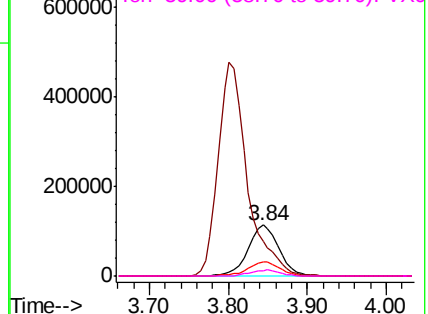
Abundance

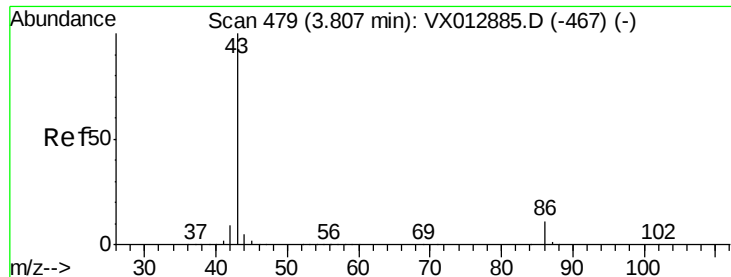
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 259.817 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX012977.D

Acq: 10 Oct 2019 05:43

Instrument :

MSVOA_X

ClientSampleId :

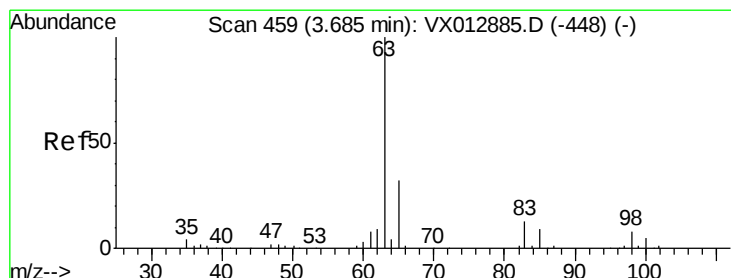
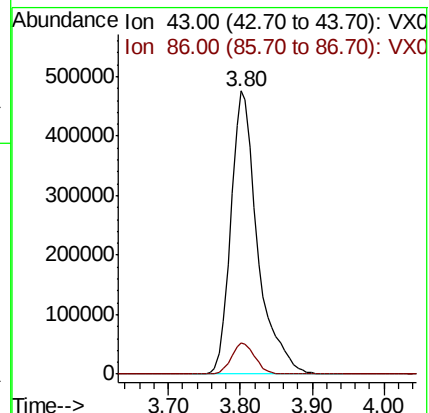
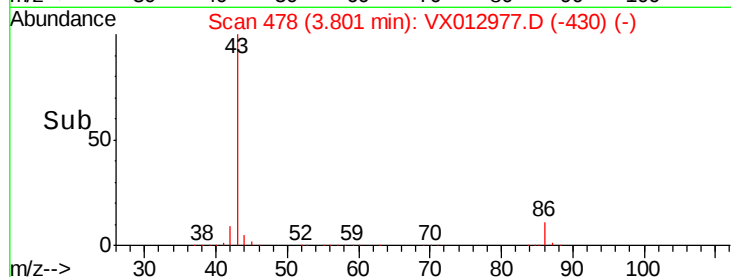
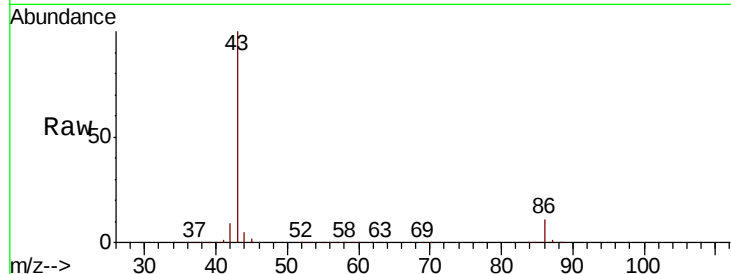
FA19-JMW1963MSD

Tot Ion: 43 Resp: 1228249

Ion Ratio Lower Upper

43 100

86 10.9 9.0 13.6



#24

1,1-Dichloroethane

Concen: 54.893 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX012977.D

Acq: 10 Oct 2019 05:43

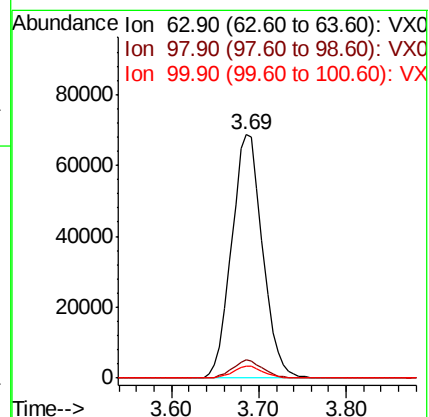
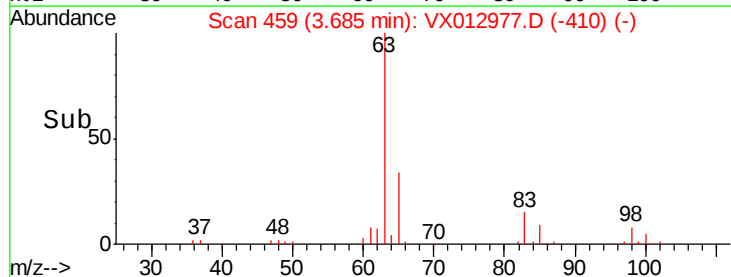
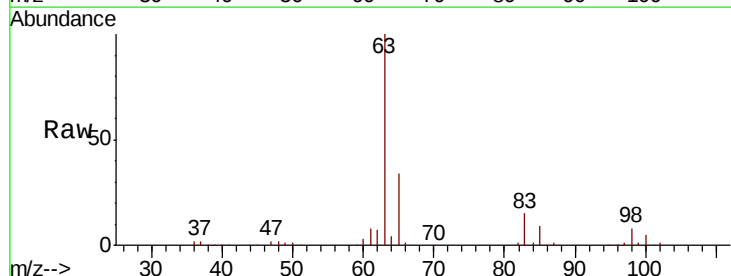
Tgt Ion: 63 Resp: 169110

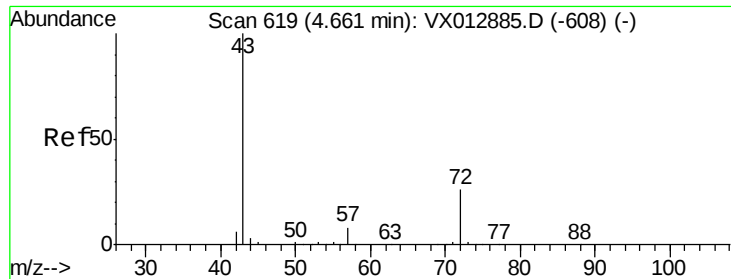
Ion Ratio Lower Upper

63 100

98 7.6 3.9 11.5

100 5.1 2.3 6.9





#25

2-Butanone

Concen: 265.717 ug/l

RT: 4.66 min Scan# 619

Delta R.T. -0.00 min

Lab File: VX012977.D

Acq: 10 Oct 2019 05:43

Instrument :

MSVOA_X

ClientSampleId :

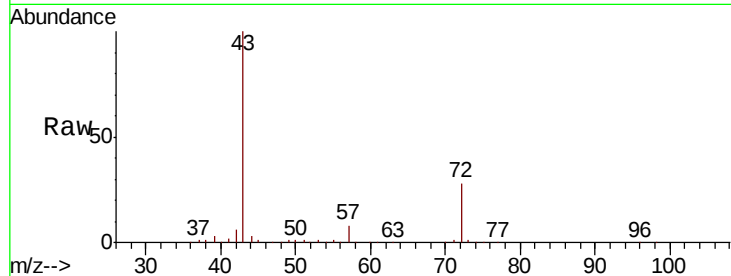
FA19-JMW1963MSD

Tot Ion: 43 Resp: 385667

Ion Ratio Lower Upper

43 100

72 27.8 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.66

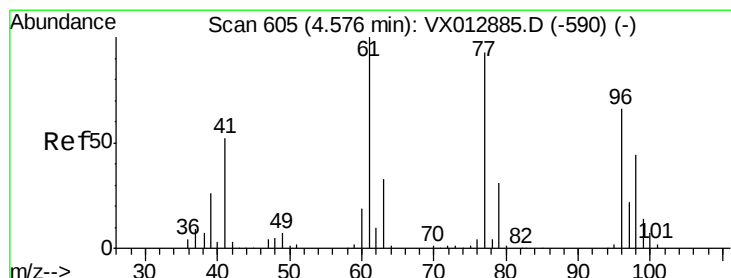
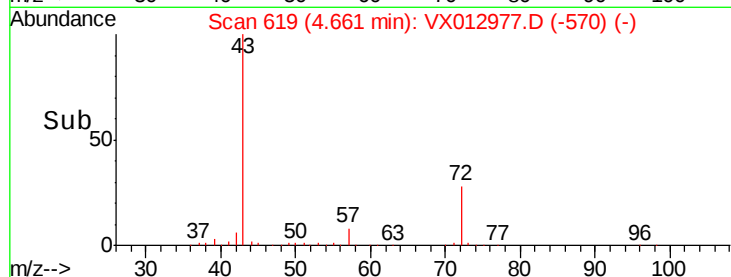
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 35.582 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX012977.D

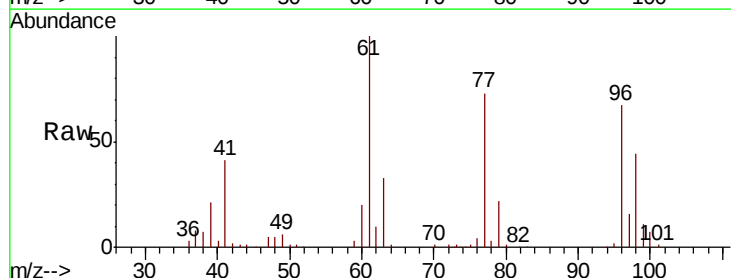
Acq: 10 Oct 2019 05:43

Tgt Ion: 77 Resp: 92179

Ion Ratio Lower Upper

77 100

97 24.0 11.3 33.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.57

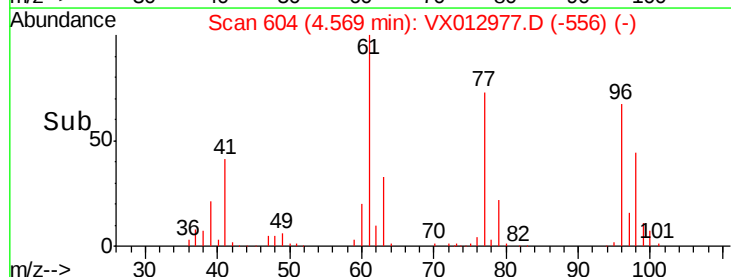
30000

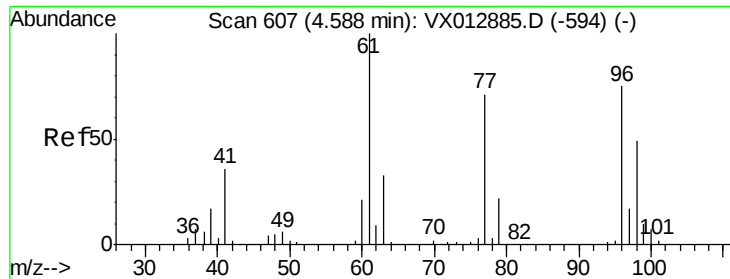
20000

10000

0

Time-->



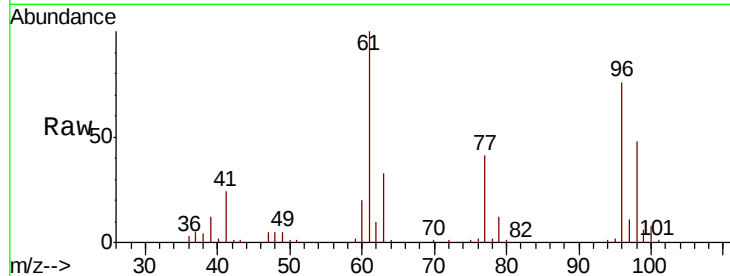


#27

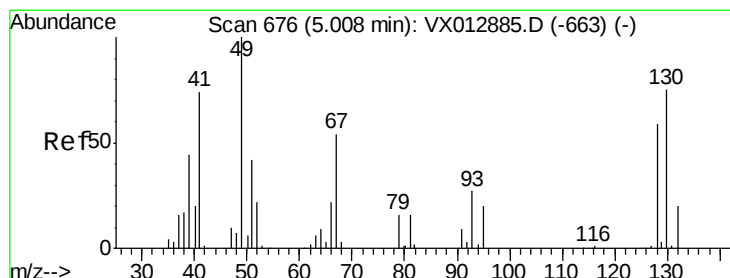
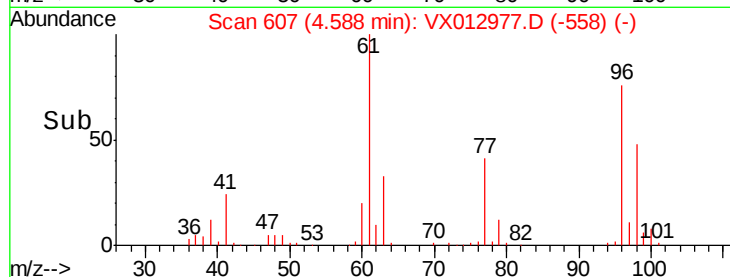
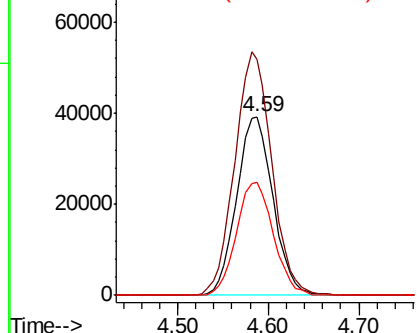
cis-1,2-Dichloroethene
 Concen: 55.084 ug/l
 RT: 4.59 min Scan# 607
 Delta R.T. -0.00 min
 Lab File: VX012977.D
 Acq: 10 Oct 2019 05:43

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW1963MSD

Tot Ion	Ratio	Lower	Upper
96	100		
61	138.8	0.0	290.6
98	64.4	0.0	128.8



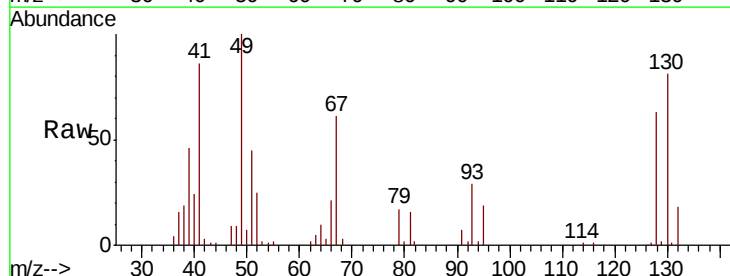
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



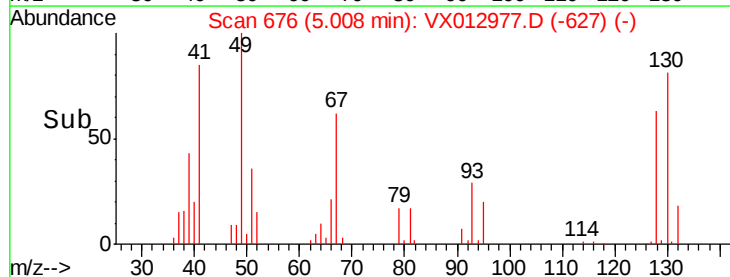
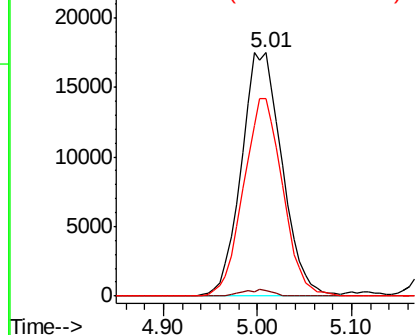
#28

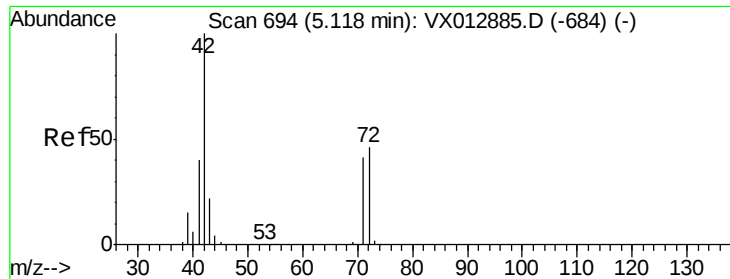
Bromochloromethane
 Concen: 57.587 ug/l
 RT: 5.01 min Scan# 676
 Delta R.T. 0.00 min
 Lab File: VX012977.D
 Acq: 10 Oct 2019 05:43

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.2
130	78.1	62.1	93.1



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

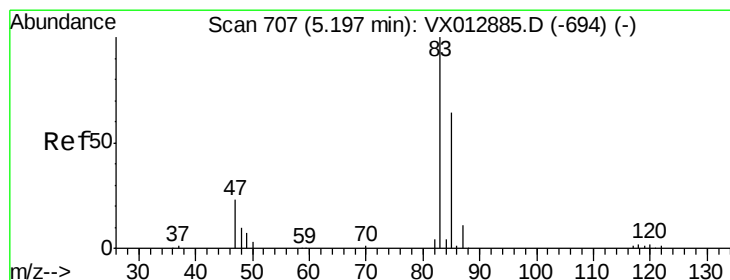
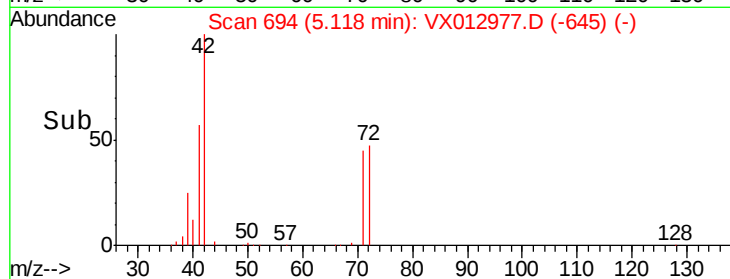
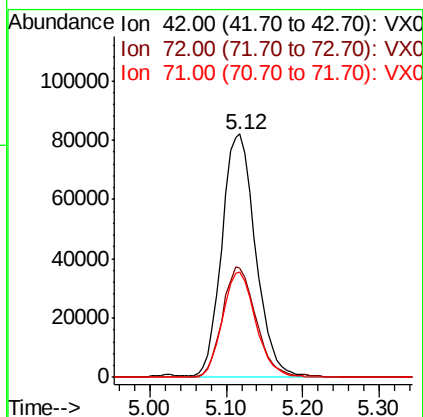
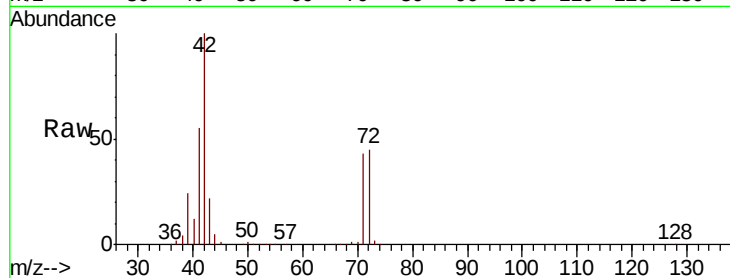




#29
Tetrahydrofuran
Concen: 278.661 ug/l
RT: 5.12 min Scan# 694
Delta R.T. -0.00 min
Lab File: VX012977.D
Acq: 10 Oct 2019 05:43

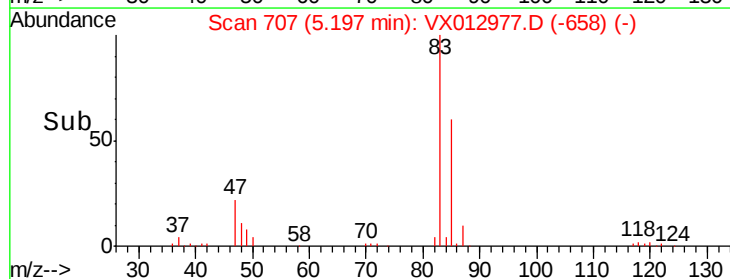
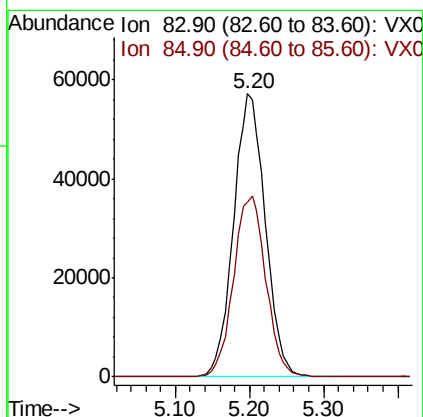
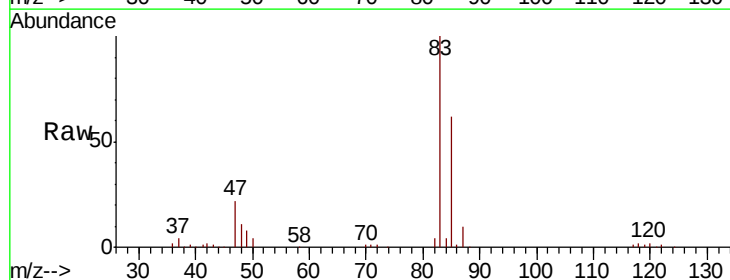
Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW1963MSD

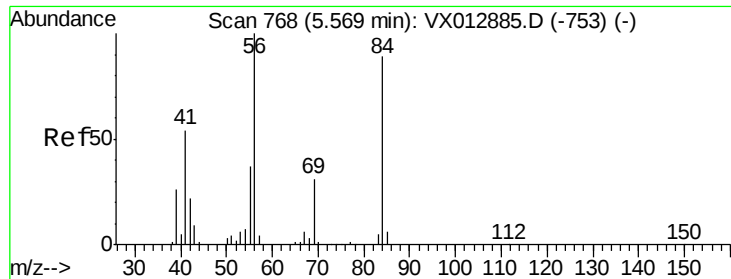
Tot Ion: 42 Resp: 248887
Ion Ratio Lower Upper
42 100
72 45.8 36.9 55.3
71 42.9 33.5 50.3



#30
Chloroform
Concen: 53.949 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX012977.D
Acq: 10 Oct 2019 05:43

Tgt Ion: 83 Resp: 170536
Ion Ratio Lower Upper
83 100
85 61.8 51.5 77.3

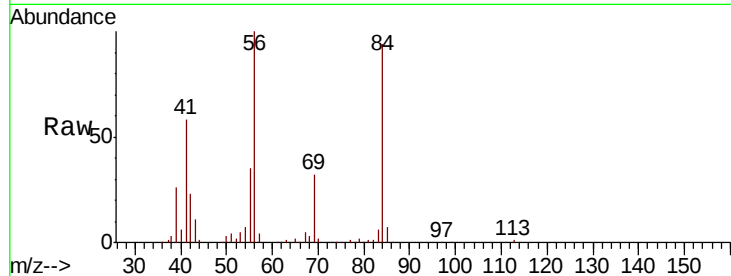




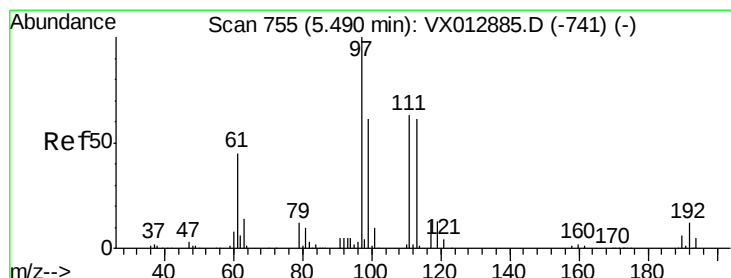
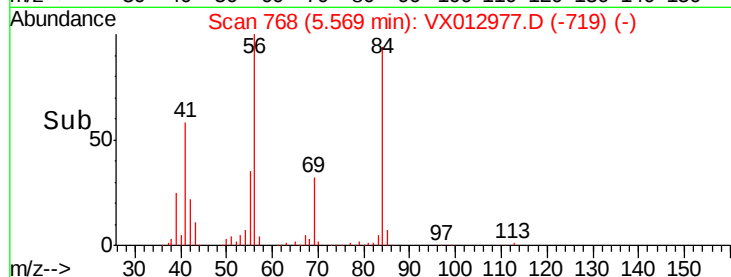
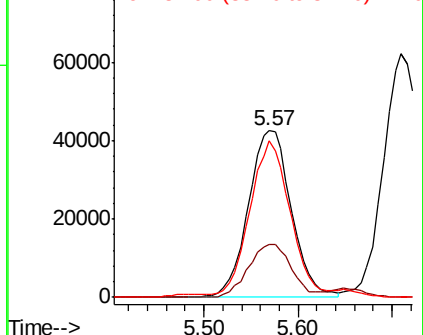
#31
Cyclohexane
Concen: 47.063 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX012977.D
Acq: 10 Oct 2019 05:43

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW1963MSD

Tot Ion: 56 Resp: 135575
Ion Ratio Lower Upper
56 100
69 31.9 25.2 37.8
84 92.1 71.3 106.9

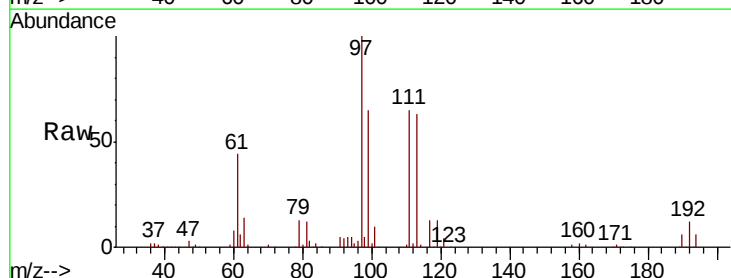


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

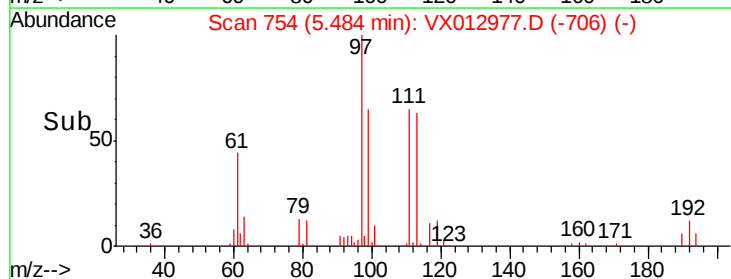
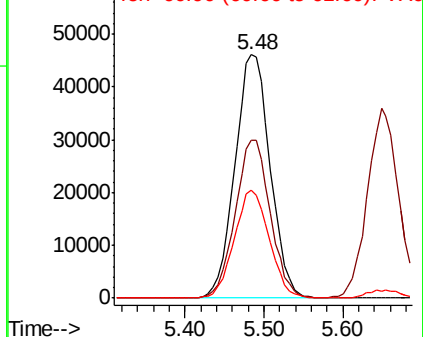


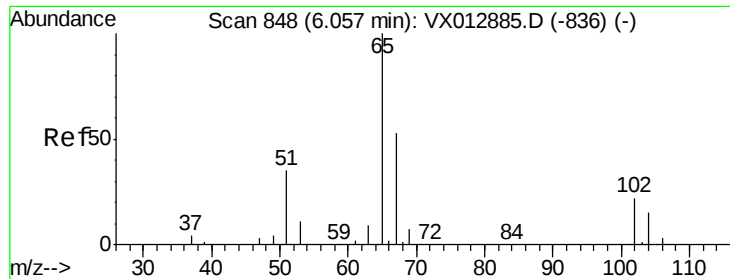
#32
1,1,1-Trichloroethane
Concen: 53.317 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX012977.D
Acq: 10 Oct 2019 05:43

Tgt Ion: 97 Resp: 142803
Ion Ratio Lower Upper
97 100
99 64.5 52.3 78.5
61 44.0 35.0 52.4



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





#33

1,2-Dichloroethane-d4

Concen: 53.142 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.01 min

Lab File: VX012977.D

Acq: 10 Oct 2019 05:43

Instrument :

MSVOA_X

ClientSampleId :

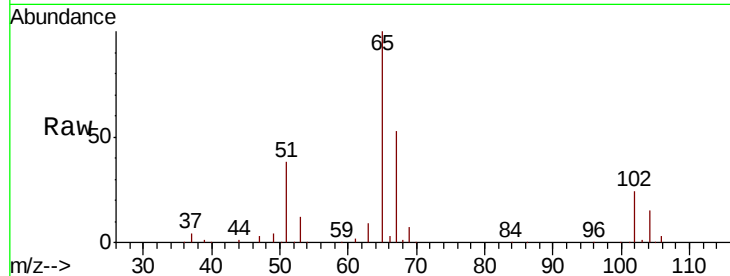
FA19-JMW1963MSD

Tot Ion: 65 Resp: 105475

Ion Ratio Lower Upper

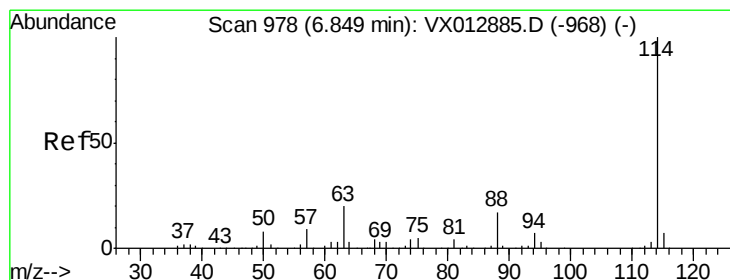
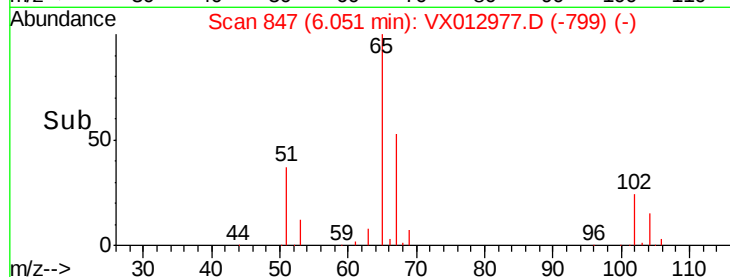
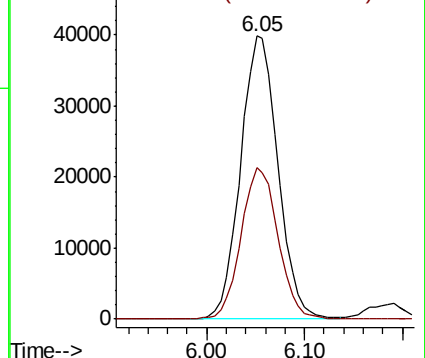
65 100

67 53.0 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX012977.D

Acq: 10 Oct 2019 05:43

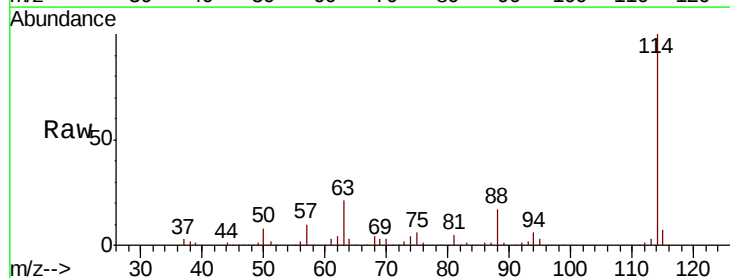
Tgt Ion: 114 Resp: 279445

Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.8

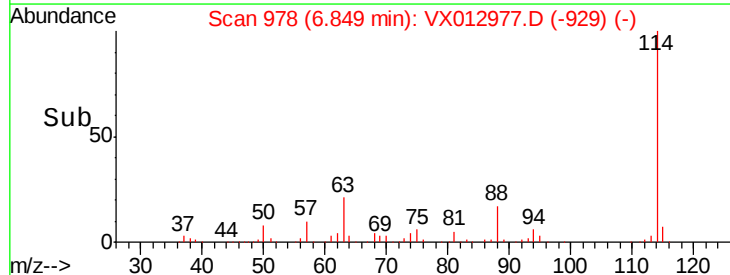
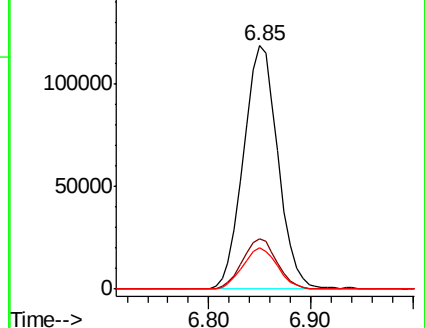
88 16.9 0.0 33.8

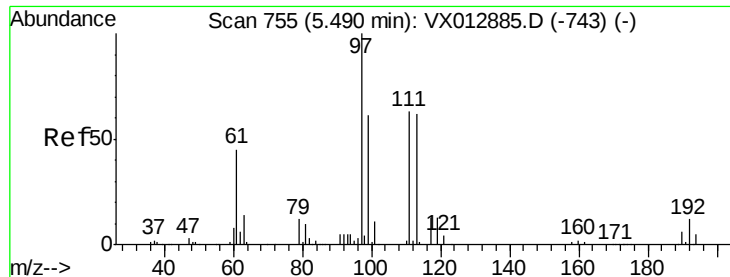


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

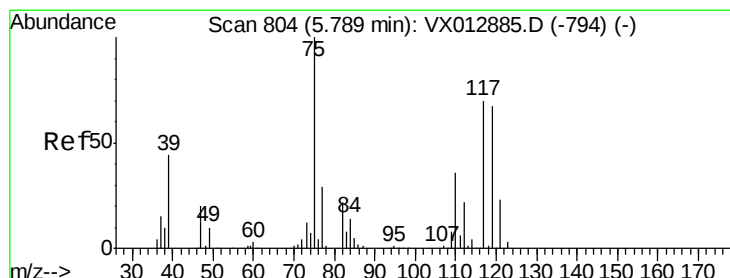
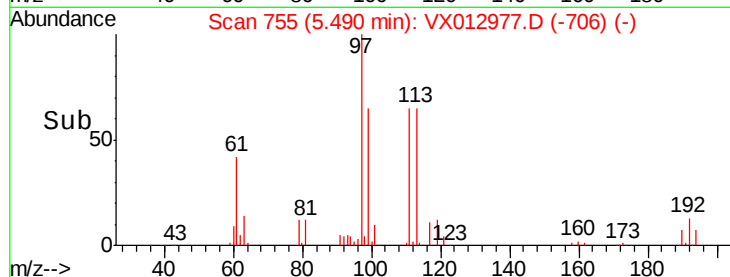
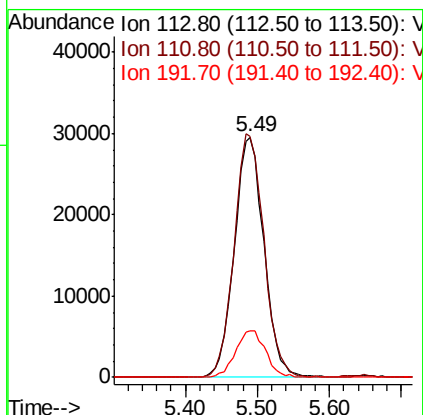
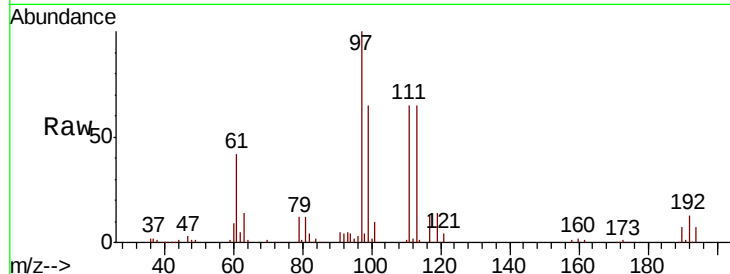




#35
 Dibromofluoromethane
 Concen: 52.594 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. -0.00 min
 Lab File: VX012977.D
 Acq: 10 Oct 2019 05:43

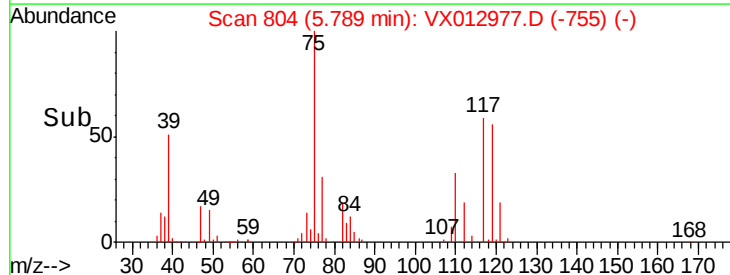
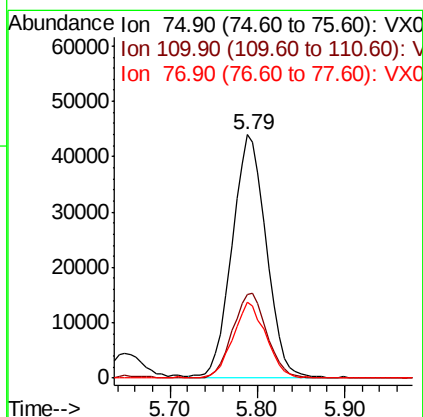
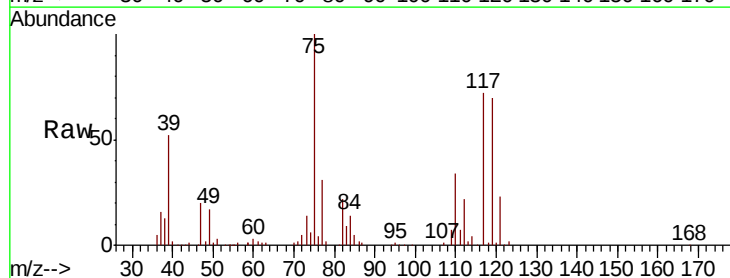
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW1963MSD

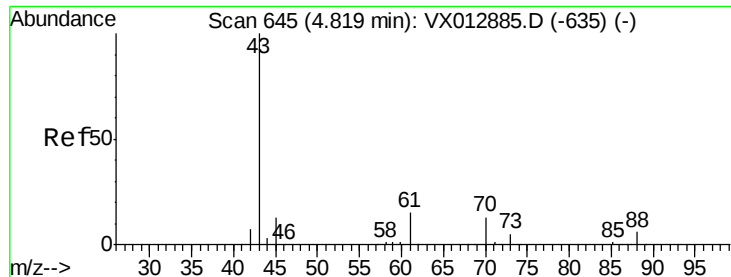
Tot Ion:113 Resp: 84354
 Ion Ratio Lower Upper
 113 100
 111 101.9 83.2 124.8
 192 19.7 15.4 23.2



#36
 1,1-Dichloropropene
 Concen: 48.516 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX012977.D
 Acq: 10 Oct 2019 05:43

Tgt Ion: 75 Resp: 119199
 Ion Ratio Lower Upper
 75 100
 110 35.0 17.6 52.9
 77 30.2 24.4 36.6

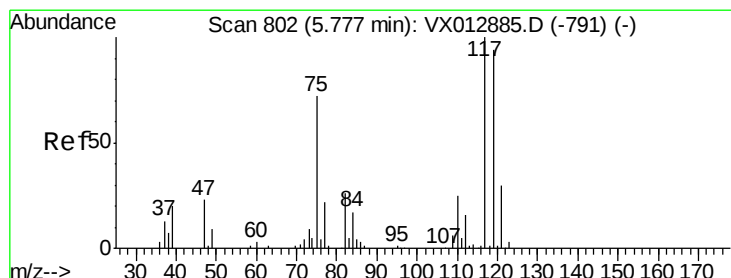
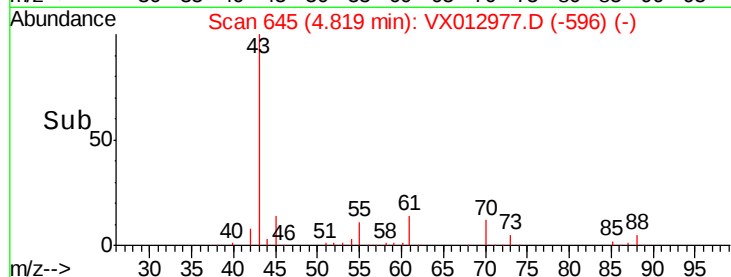
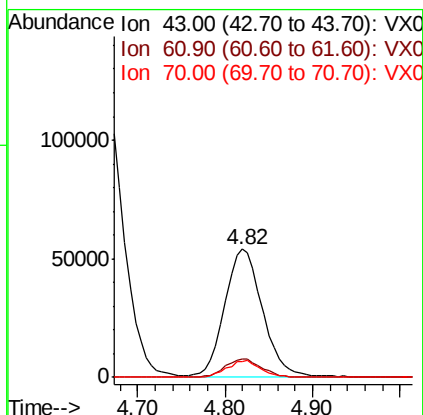
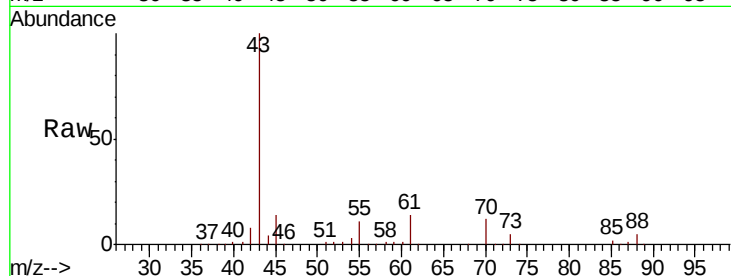




#37
Ethyl Acetate
Concen: 58.146 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX012977.D
Acq: 10 Oct 2019 05:43

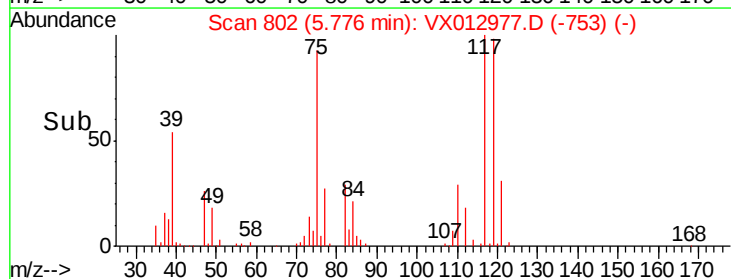
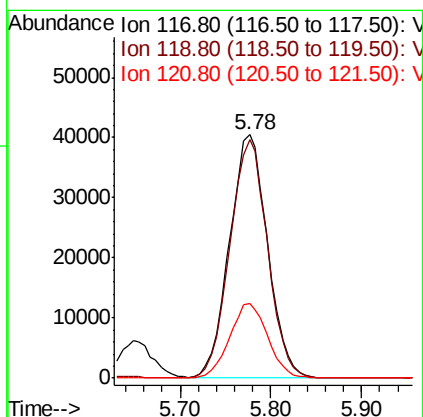
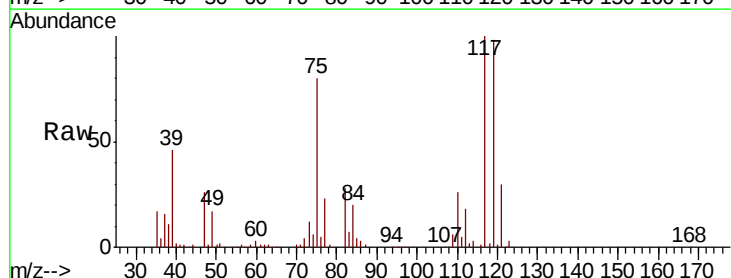
Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW1963MSD

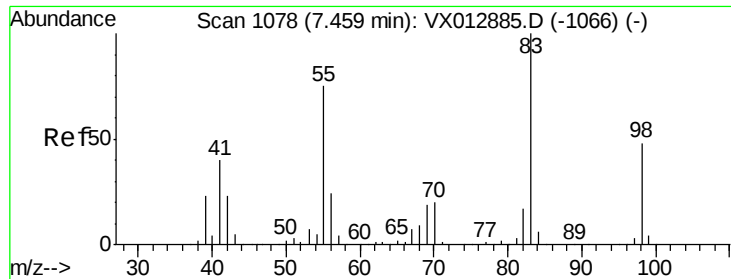
Tot Ion: 43 Resp: 159744
Ion Ratio Lower Upper
43 100
61 14.4 11.4 17.0
70 12.0 9.8 14.6



#38
Carbon Tetrachloride
Concen: 49.463 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX012977.D
Acq: 10 Oct 2019 05:43

Tgt Ion: 117 Resp: 118286
Ion Ratio Lower Upper
117 100
119 98.0 74.5 111.7
121 30.4 24.2 36.4

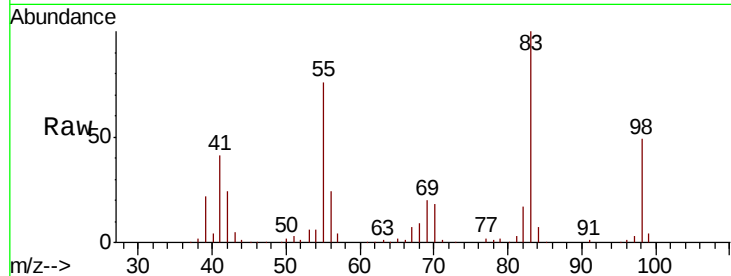




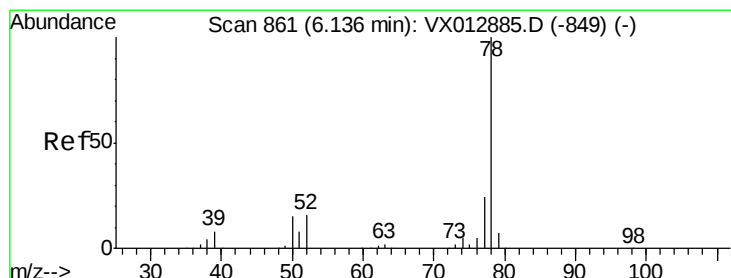
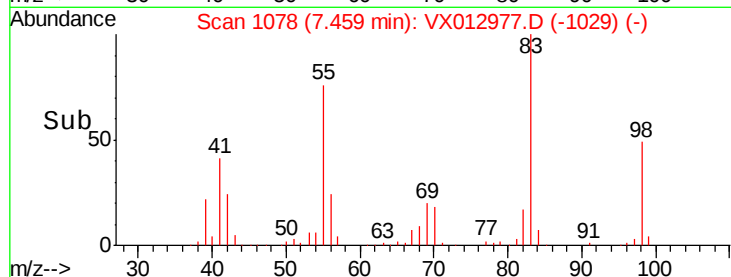
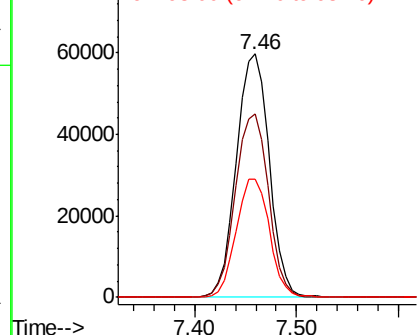
#39
Methvlcvclohexane
Concen: 44.782 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX012977.D
Acq: 10 Oct 2019 05:43

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW1963MSD

Tot Ion: 83 Resp: 133431
Ion Ratio Lower Upper
83 100
55 75.6 60.2 90.4
98 48.6 38.5 57.7

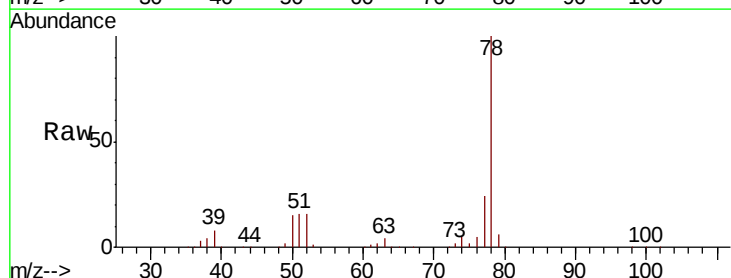


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

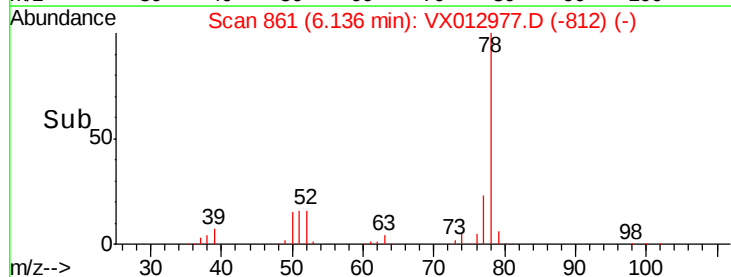
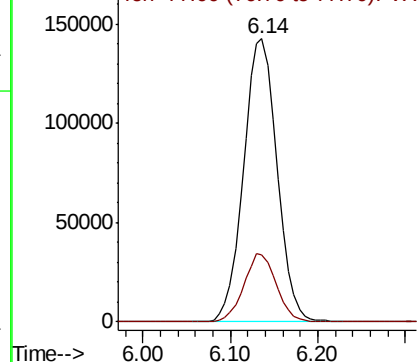


#40
Benzene
Concen: 52.208 ug/l
RT: 6.14 min Scan# 861
Delta R.T. -0.00 min
Lab File: VX012977.D
Acq: 10 Oct 2019 05:43

Tgt Ion: 78 Resp: 378848
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.4



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





#41

Methacrylonitrile

Concen: 53.985 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.01 min

Lab File: VX012977.D

Acq: 10 Oct 2019 05:43

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW1963MSD

Tot Ion: 41 Resp: 81495

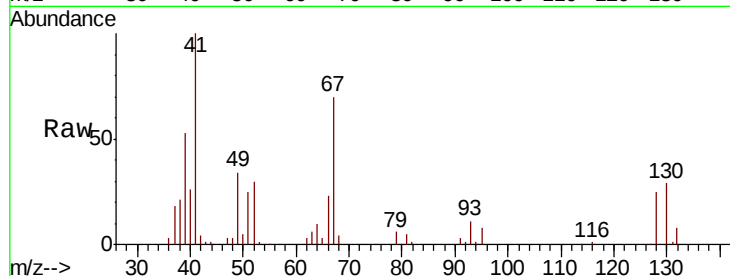
Ion Ratio Lower Upper

41 100

39 53.2 44.0 66.0

67 73.5 58.5 87.7

52 30.0 23.8 35.8

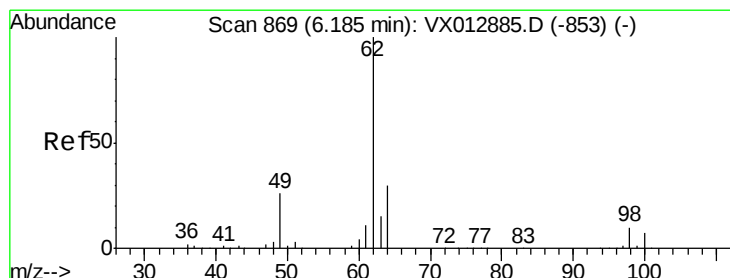
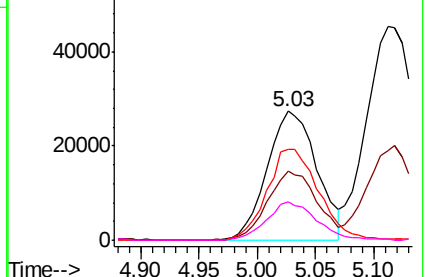
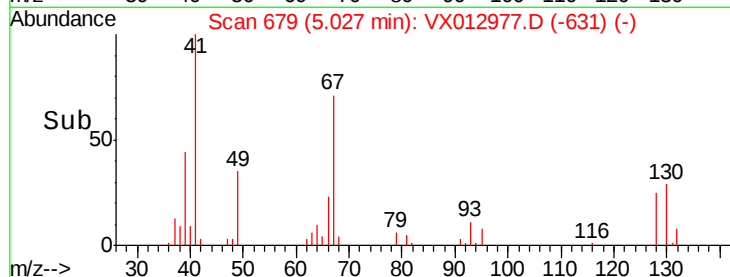


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 54.299 ug/l

RT: 6.18 min Scan# 869

Delta R.T. -0.00 min

Lab File: VX012977.D

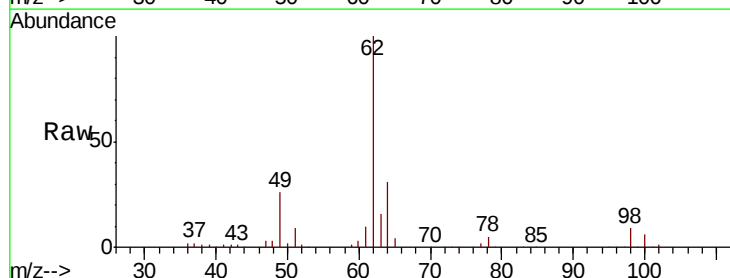
Acq: 10 Oct 2019 05:43

Tgt Ion: 62 Resp: 141385

Ion Ratio Lower Upper

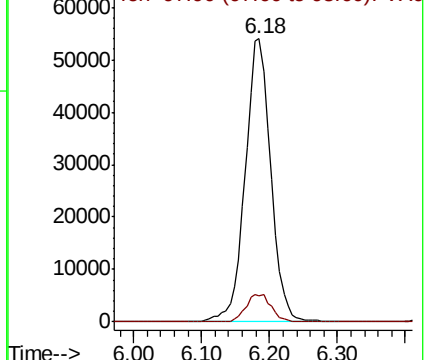
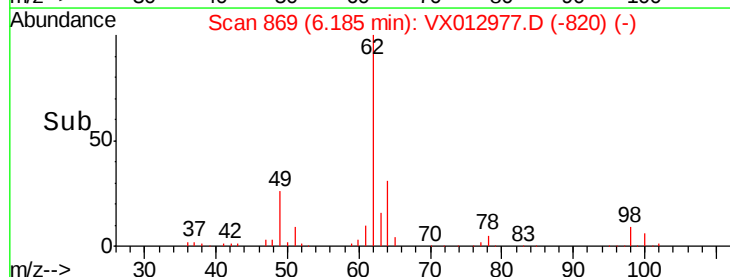
62 100

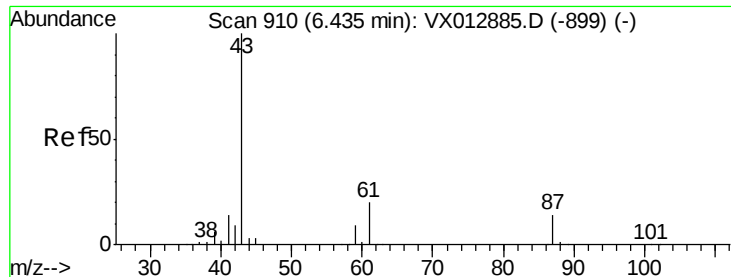
98 9.8 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 51.750 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX012977.D

Acq: 10 Oct 2019 05:43

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW1963MSD

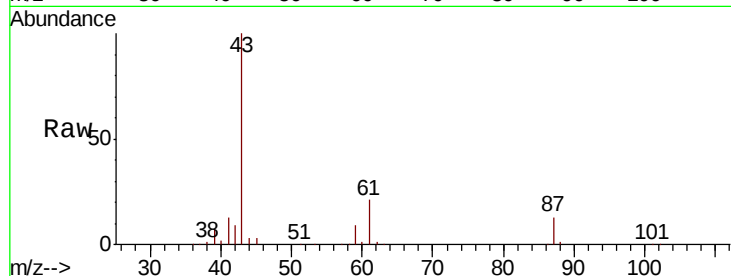
Tot Ion: 43 Resp: 228191

Ion Ratio Lower Upper

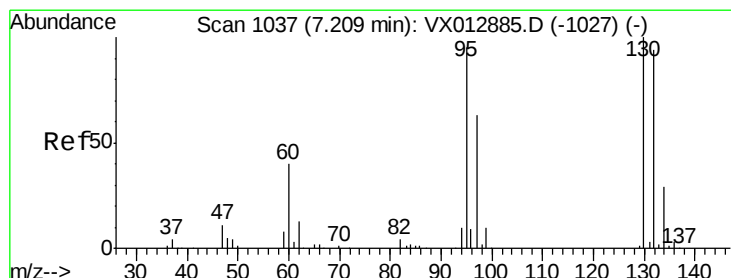
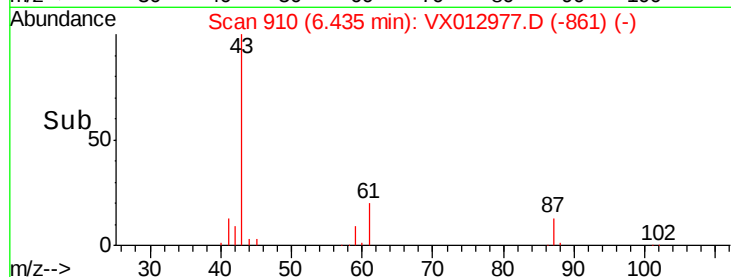
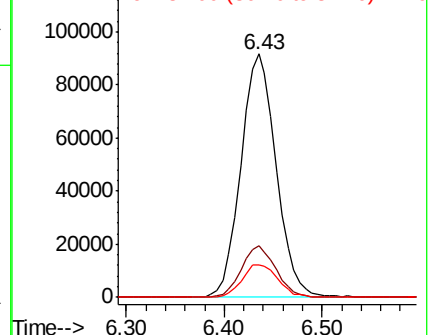
43 100

61 20.9 16.6 24.8

87 13.9 11.0 16.6



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



#44

Trichloroethene

Concen: 48.820 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. -0.00 min

Lab File: VX012977.D

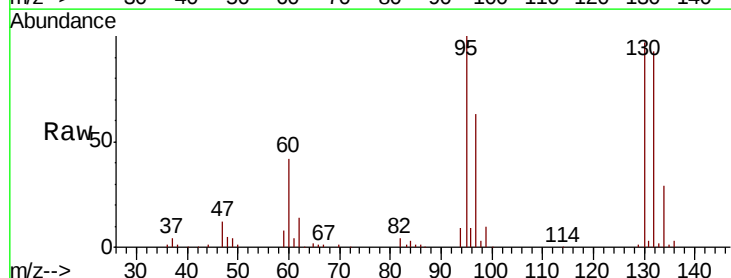
Acq: 10 Oct 2019 05:43

Tgt Ion:130 Resp: 98238

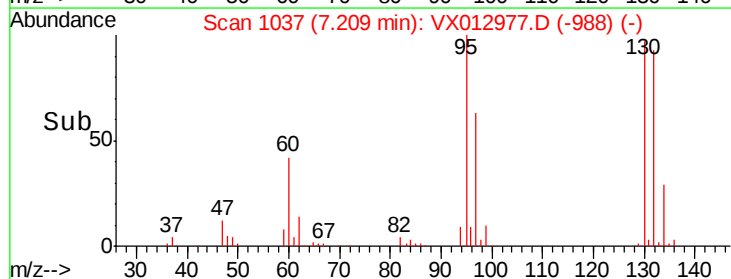
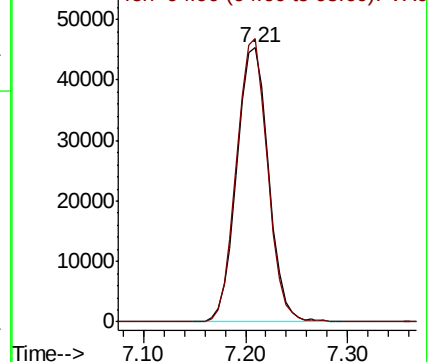
Ion Ratio Lower Upper

130 100

95 103.3 0.0 189.2



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

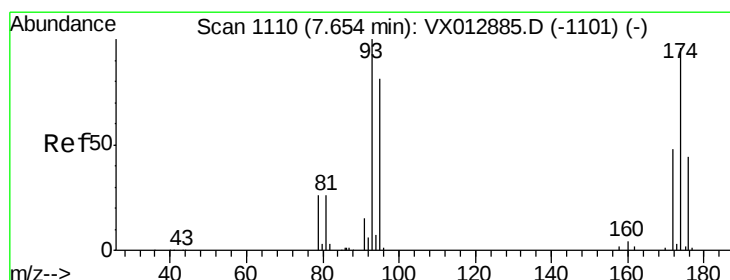
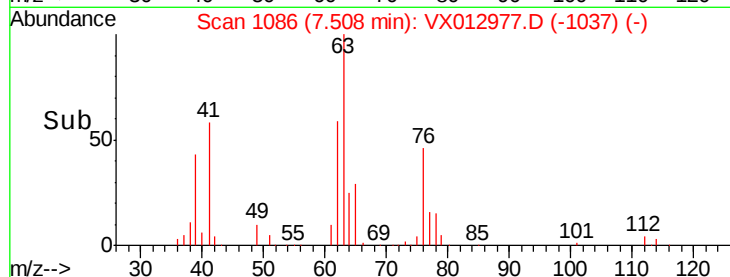
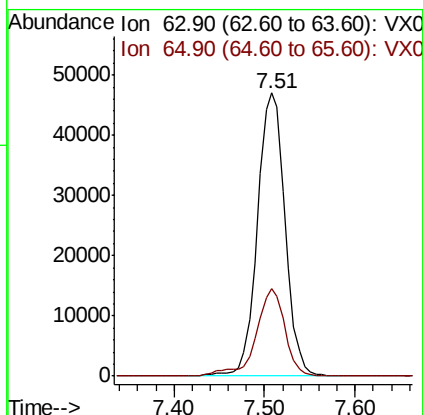
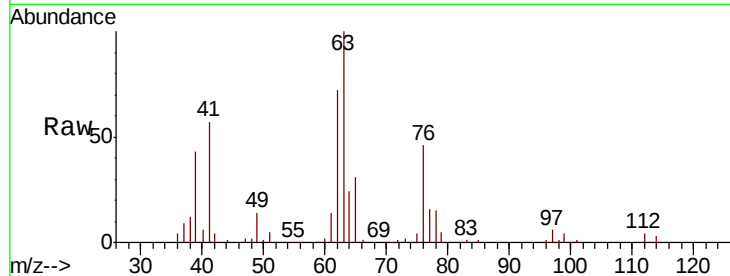




#45
 1,2-Dichloropropane
 Concen: 53.454 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX012977.D
 Acq: 10 Oct 2019 05:43

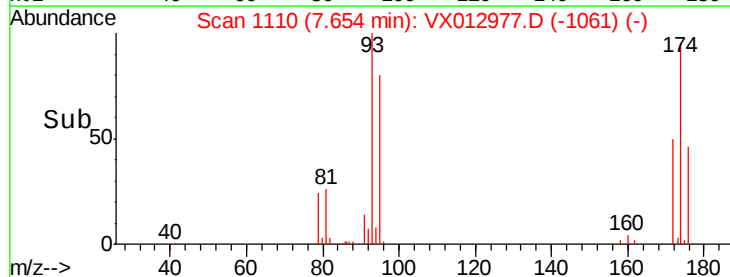
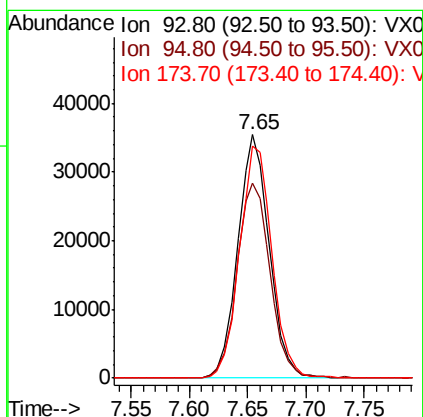
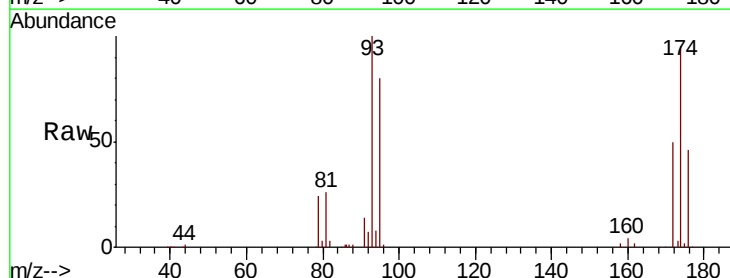
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW1963MSD

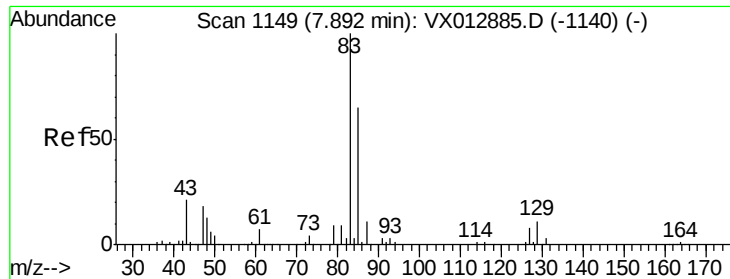
Tot Ion: 63 Resp: 98860
 Ion Ratio Lower Upper
 63 100
 65 31.1 24.6 37.0



#46
 Dibromomethane
 Concen: 54.068 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX012977.D
 Acq: 10 Oct 2019 05:43

Tgt Ion: 93 Resp: 66623
 Ion Ratio Lower Upper
 93 100
 95 84.2 66.3 99.5
 174 98.4 77.8 116.6





#47

Bromodichloromethane

Concen: 54.286 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX012977.D

Acq: 10 Oct 2019 05:43

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW1963MSD

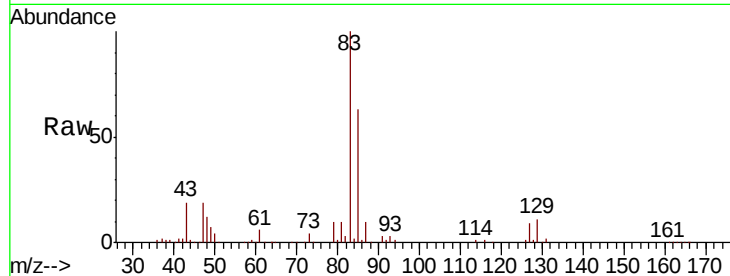
Tot Ion: 83 Resp: 130540

Ion Ratio Lower Upper

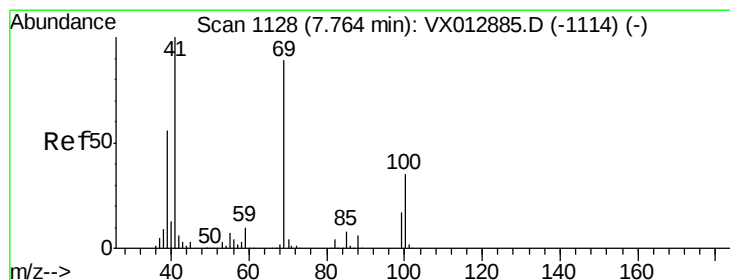
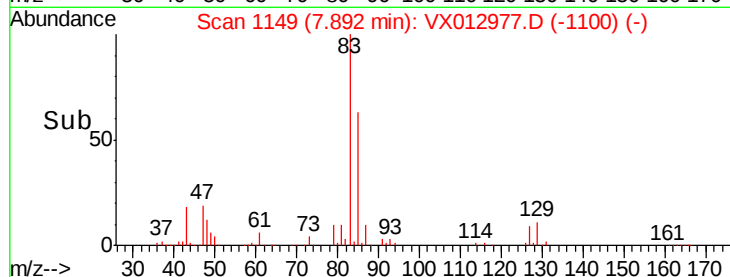
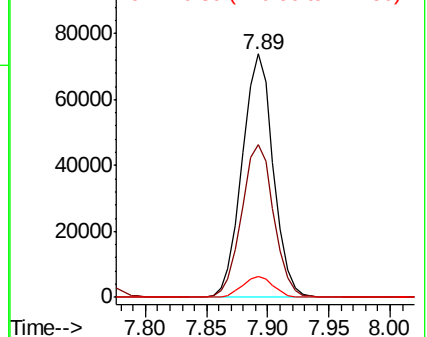
83 100

85 62.8 52.4 78.6

127 8.6 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: 54.331 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX012977.D

Acq: 10 Oct 2019 05:43

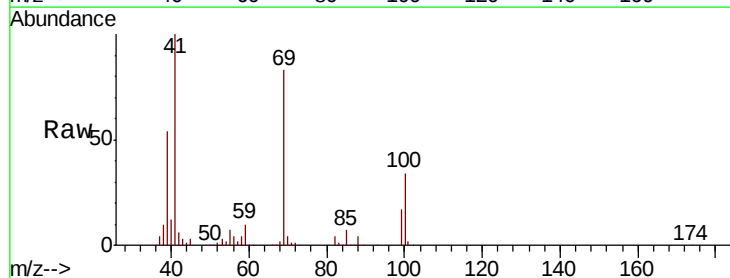
Tgt Ion: 41 Resp: 116746

Ion Ratio Lower Upper

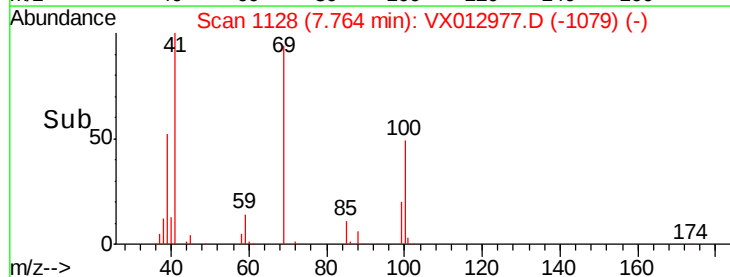
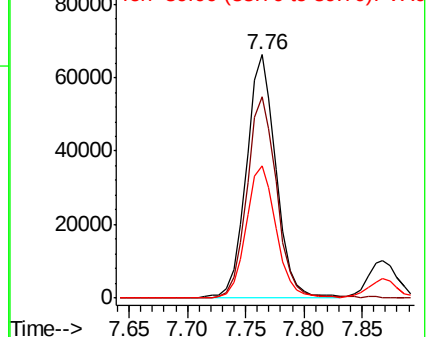
41 100

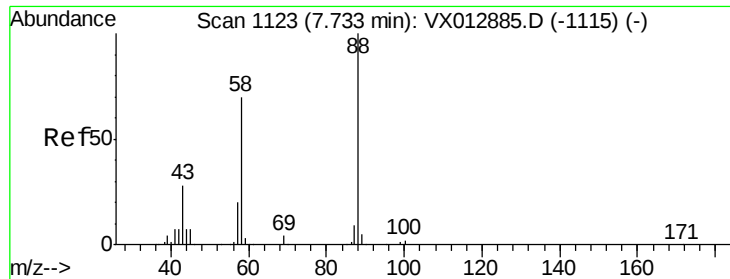
69 83.8 68.7 103.1

39 55.6 44.3 66.5



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





#49

1,4-Dioxane

Concen: 1005.407 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX012977.D

Acq: 10 Oct 2019 05:43

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW1963MSD

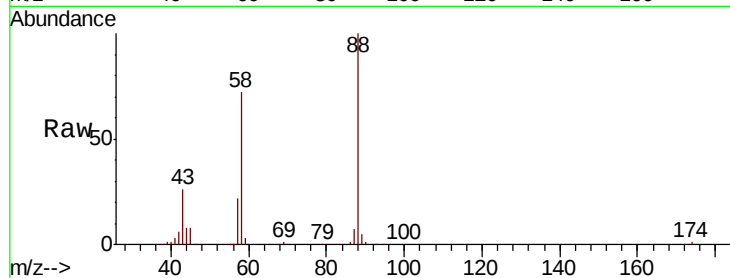
Tot Ion: 88 Resp: 57987

Ion Ratio Lower Upper

88 100

43 31.7 25.0 37.6

58 71.7 55.4 83.2

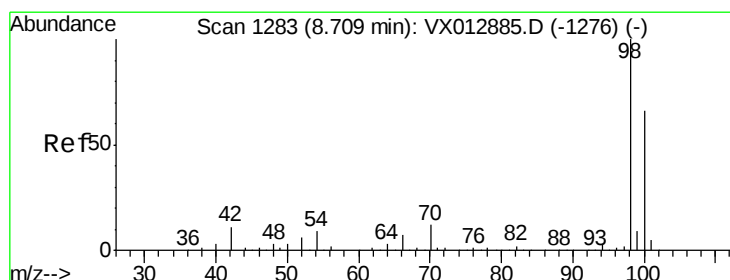
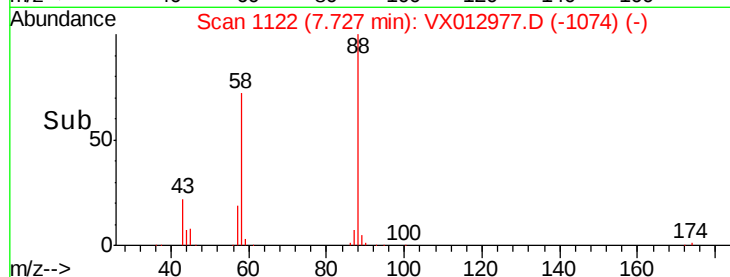
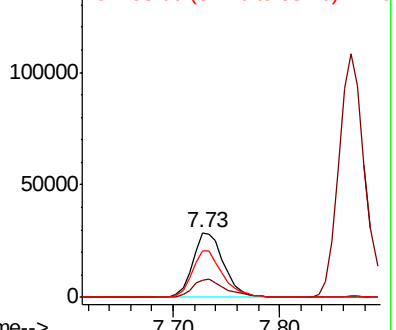


Abundance

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: 49.443 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX012977.D

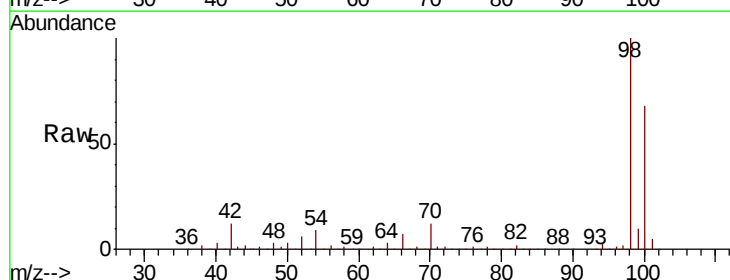
Acq: 10 Oct 2019 05:43

Tgt Ion: 98 Resp: 309289

Ion Ratio Lower Upper

98 100

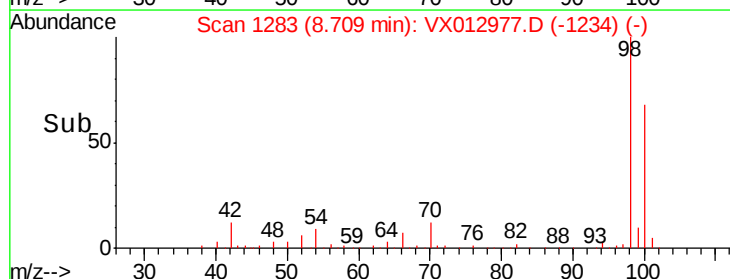
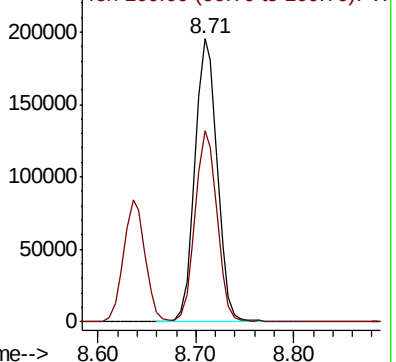
100 66.9 53.4 80.2

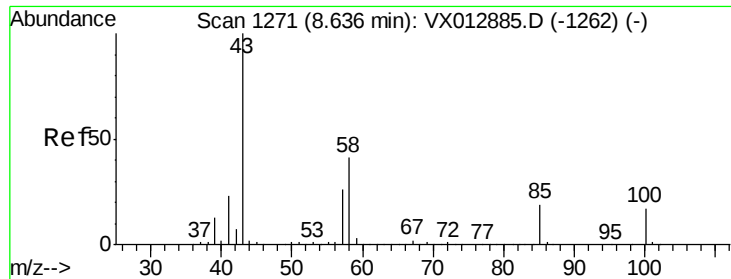


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 274.517 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX012977.D

Acq: 10 Oct 2019 05:43

Instrument :

MSVOA_X

ClientSampleId :

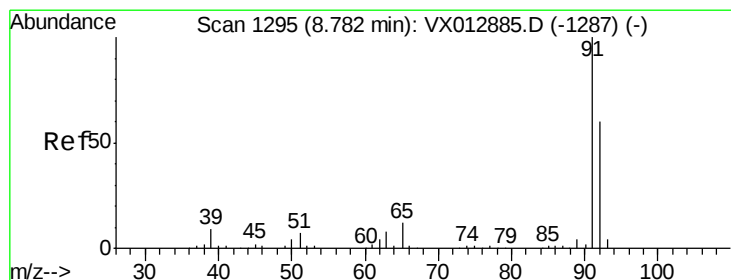
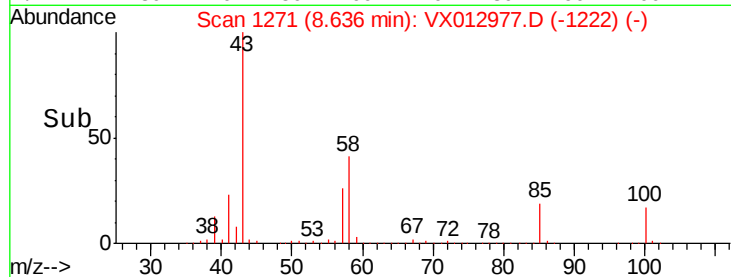
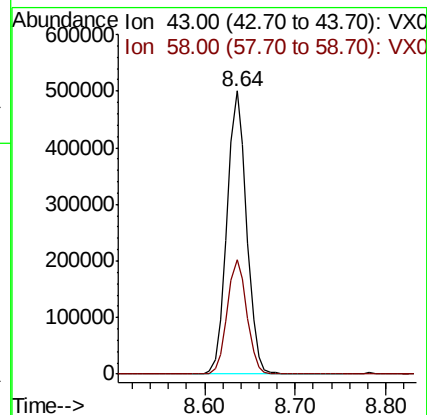
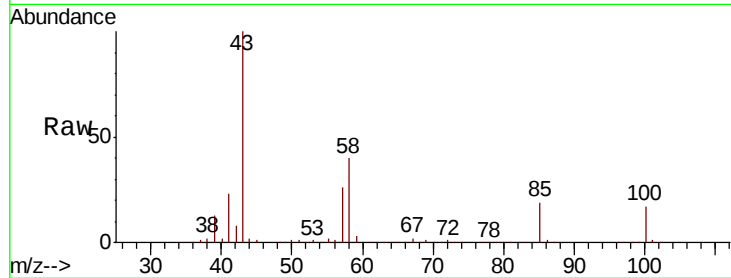
FA19-JMW1963MSD

Tot Ion: 43 Resp: 754704

Ion Ratio Lower Upper

43 100

58 40.4 32.4 48.6



#52

Toluene

Concen: 51.162 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX012977.D

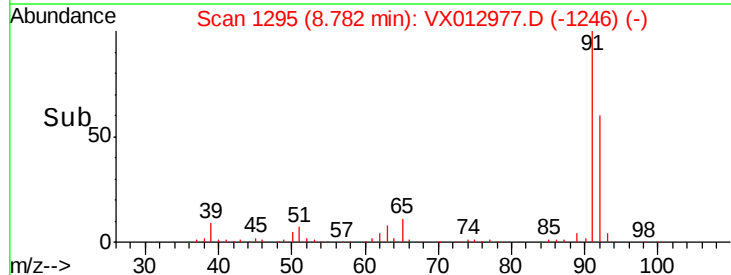
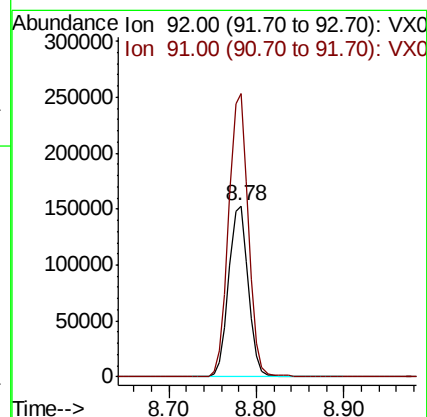
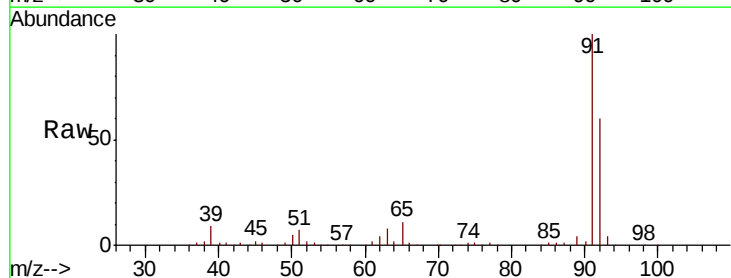
Acq: 10 Oct 2019 05:43

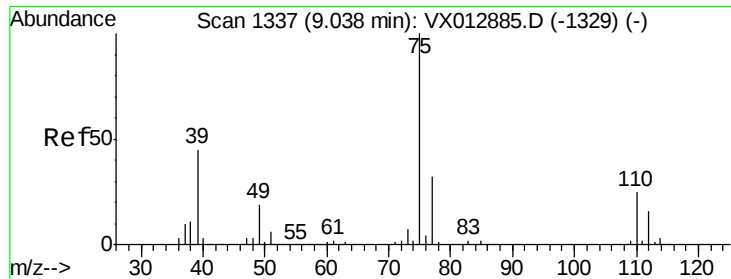
Tgt Ion: 92 Resp: 237515

Ion Ratio Lower Upper

92 100

91 166.0 135.9 203.9

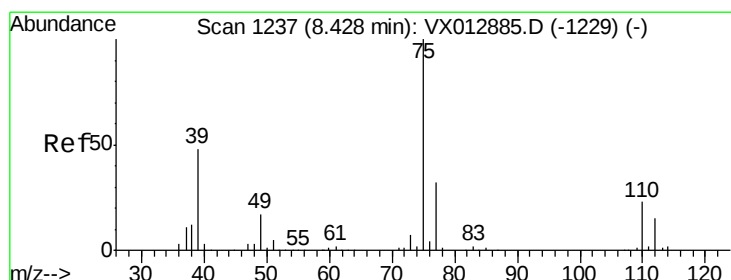
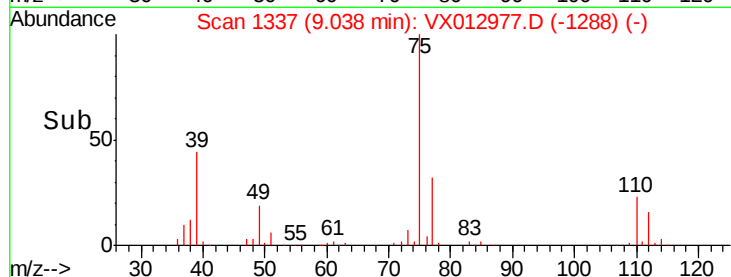
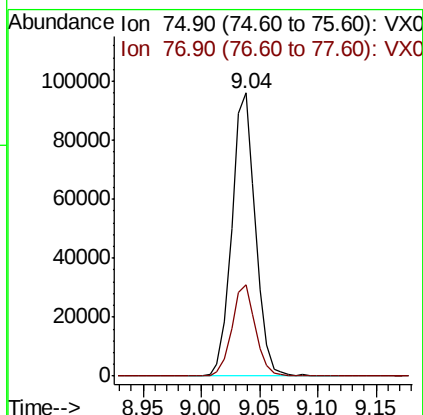
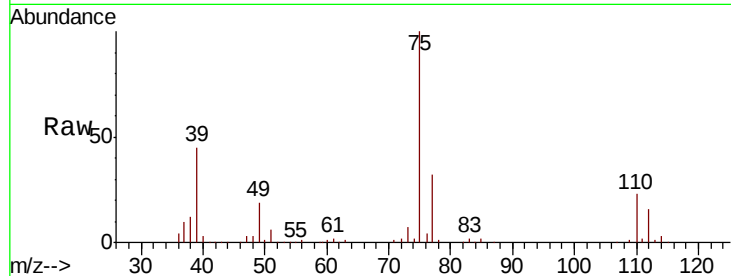




#53
t-1,3-Dichloropropene
Concen: 45.247 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX012977.D
Acq: 10 Oct 2019 05:43

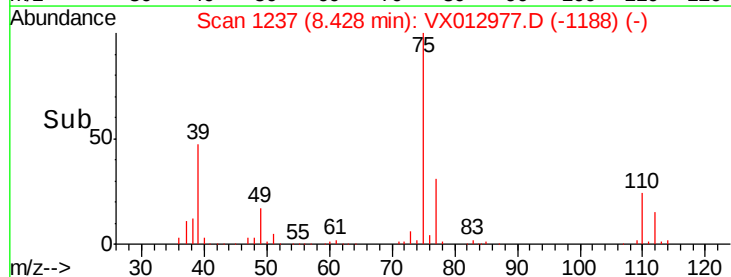
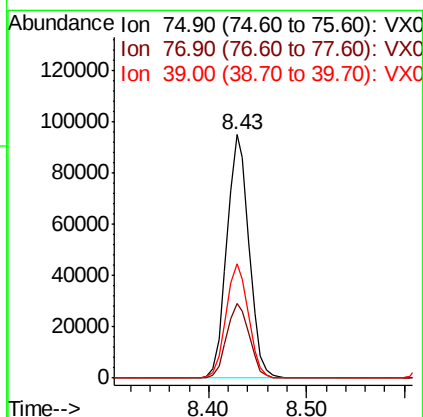
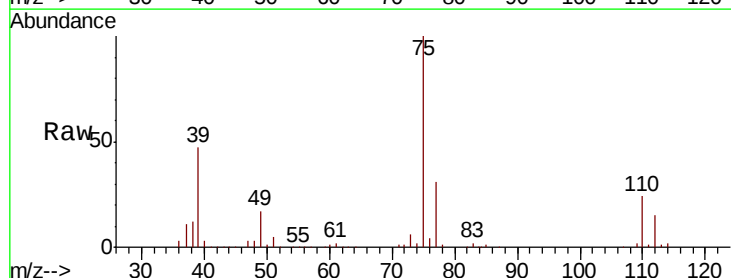
Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW1963MSD

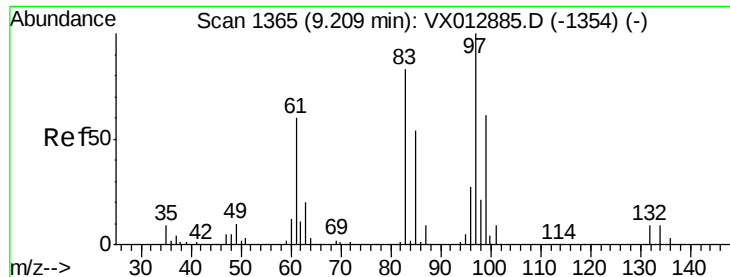
Tot Ion: 75 Resp: 135136
Ion Ratio Lower Upper
75 100
77 32.5 25.8 38.6



#54
cis-1,3-Dichloropropene
Concen: 50.630 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX012977.D
Acq: 10 Oct 2019 05:43

Tgt Ion: 75 Resp: 149739
Ion Ratio Lower Upper
75 100
77 30.6 25.8 38.8
39 46.9 38.2 57.2

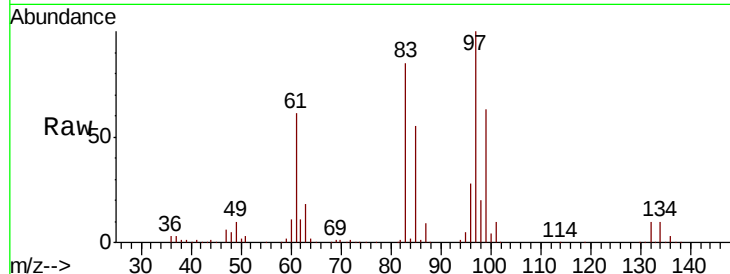




#55
 1,1,2-Trichloroethane
 Concen: 54.466 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012977.D
 Acq: 10 Oct 2019 05:43

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW1963MSD

Tot Ion:	97	Resp:	100064
Ion	Ratio	Lower	Upper
97	100		
83	85.2	66.5	99.7
85	55.1	43.1	64.7
99	63.3	49.2	73.8



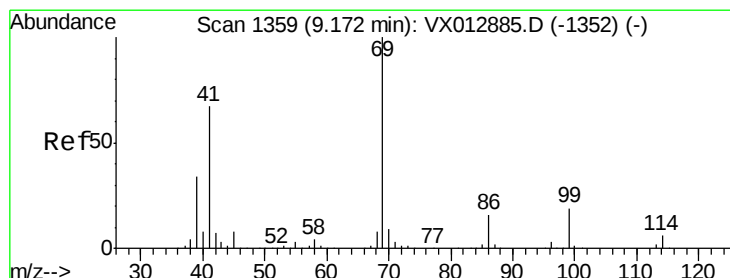
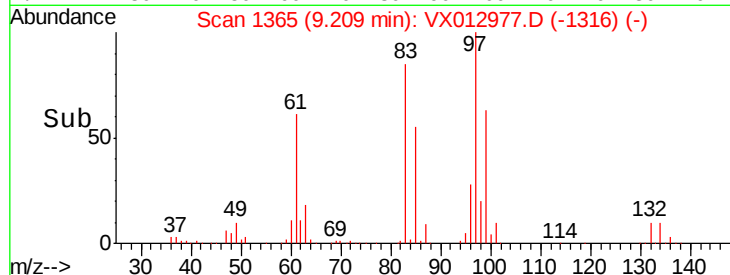
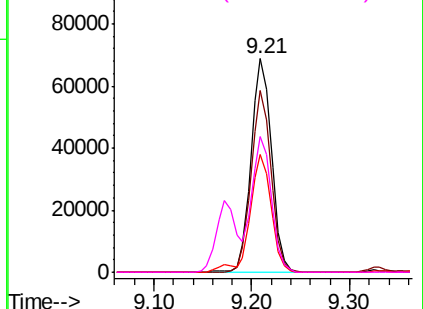
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

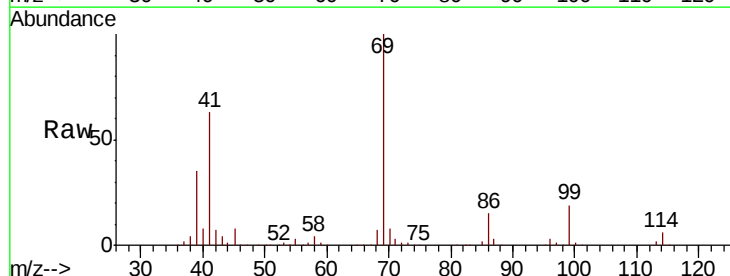
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56
 Ethyl methacrylate
 Concen: 49.622 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012977.D
 Acq: 10 Oct 2019 05:43

Tgt Ion:	69	Resp:	163202
Ion	Ratio	Lower	Upper
69	100		
41	63.4	52.1	78.1
39	34.8	27.8	41.8

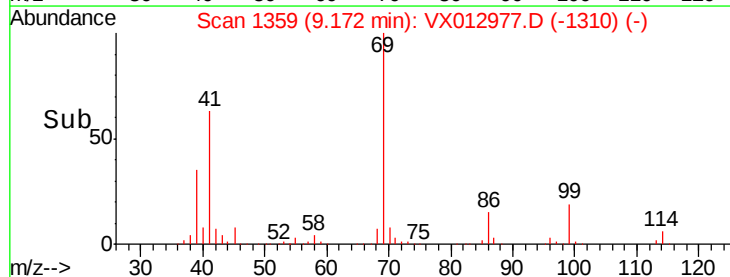
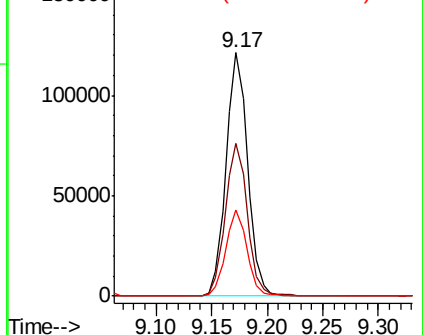


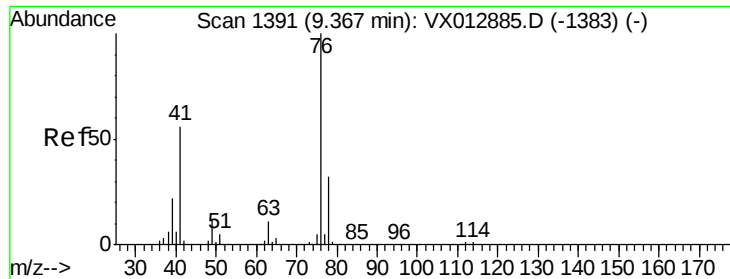
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 53.043 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX012977.D

Acq: 10 Oct 2019 05:43

Instrument :

MSVOA_X

ClientSampleId :

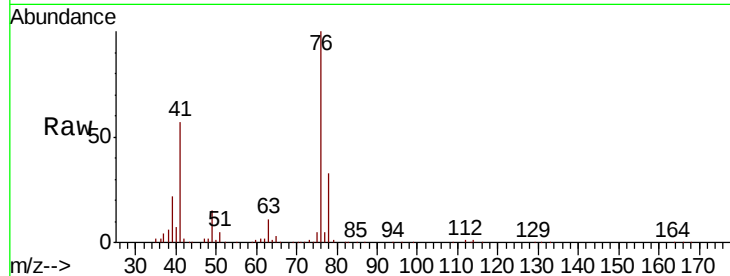
FA19-JMW1963MSD

Tot Ion: 76 Resp: 168572

Ion Ratio Lower Upper

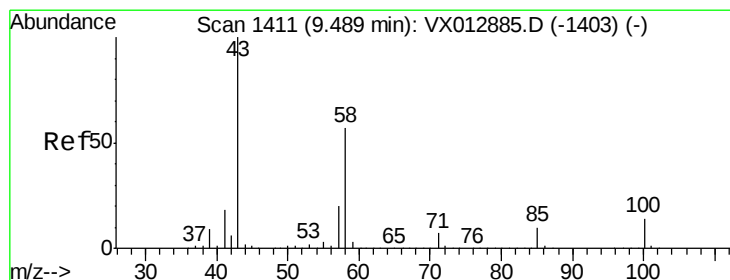
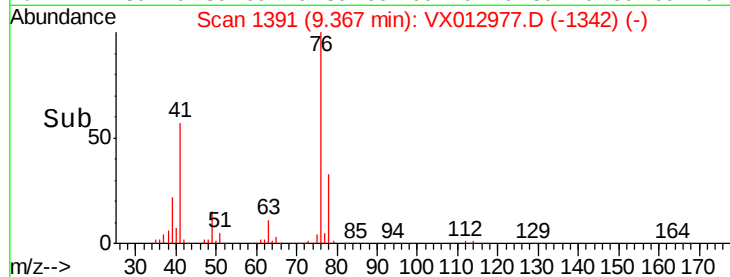
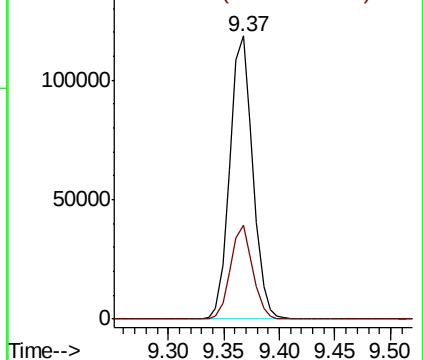
76 100

78 32.1 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#59

2-Hexanone

Concen: 270.791 ug/l

RT: 9.49 min Scan# 1411

Delta R.T. -0.00 min

Lab File: VX012977.D

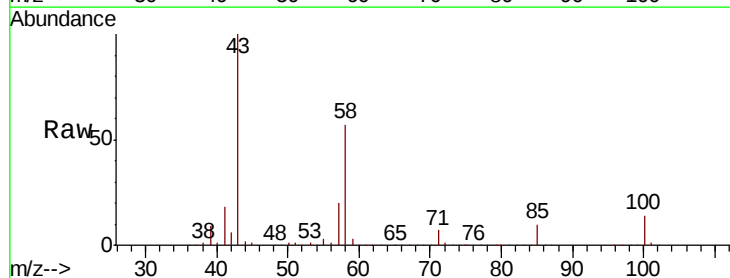
Acq: 10 Oct 2019 05:43

Tgt Ion: 43 Resp: 579514

Ion Ratio Lower Upper

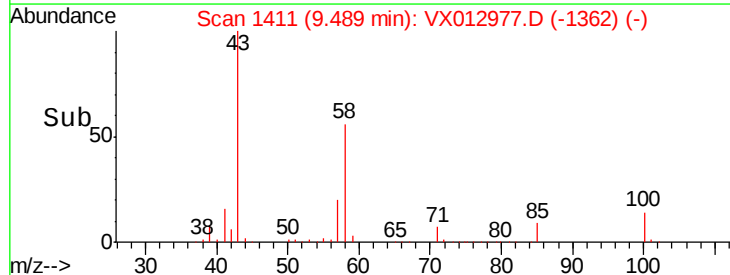
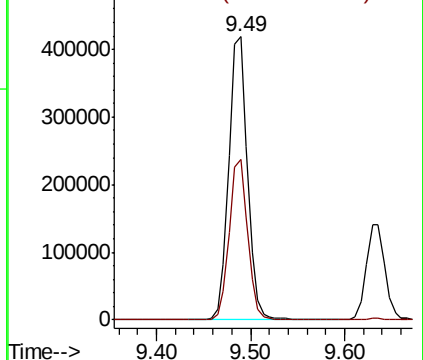
43 100

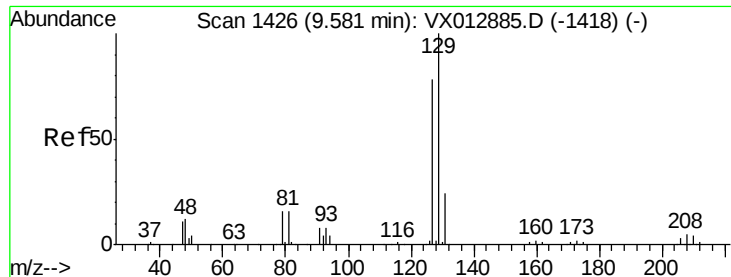
58 56.2 28.1 84.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#60

Dibromochloromethane

Concen: 49.588 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. -0.01 min

Lab File: VX012977.D

Acq: 10 Oct 2019 05:43

Instrument :

MSVOA_X

ClientSampleId :

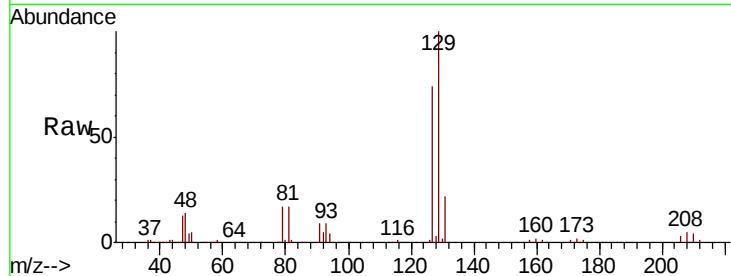
FA19-JMW1963MSD

Tot Ion:129 Resp: 101350

Ion Ratio Lower Upper

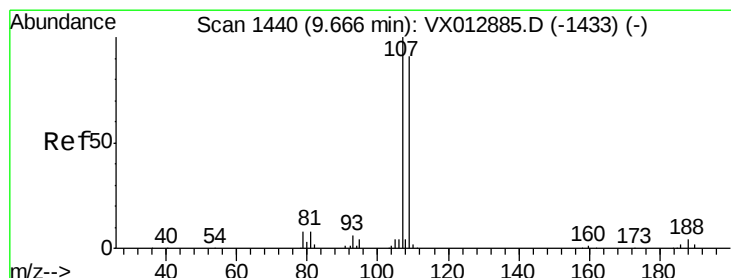
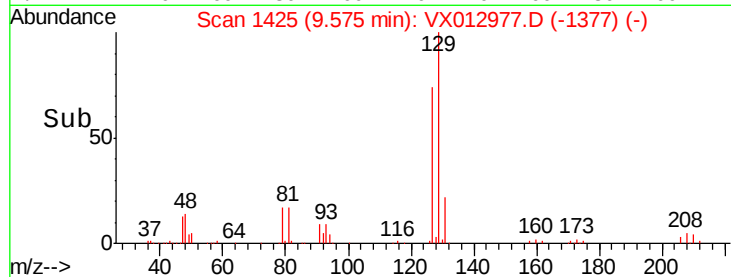
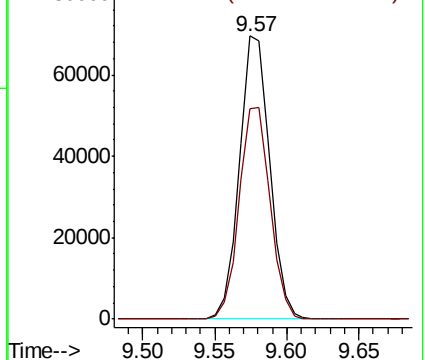
129 100

127 76.6 38.9 116.7



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 54.689 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX012977.D

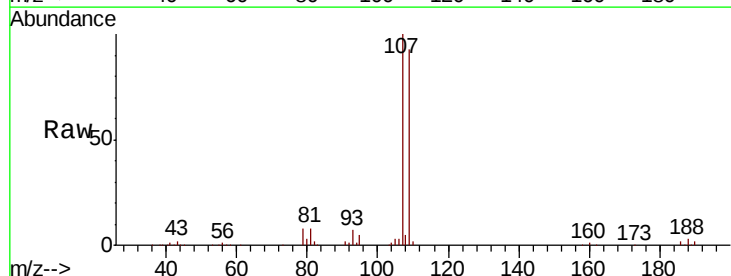
Acq: 10 Oct 2019 05:43

Tgt Ion:107 Resp: 105694

Ion Ratio Lower Upper

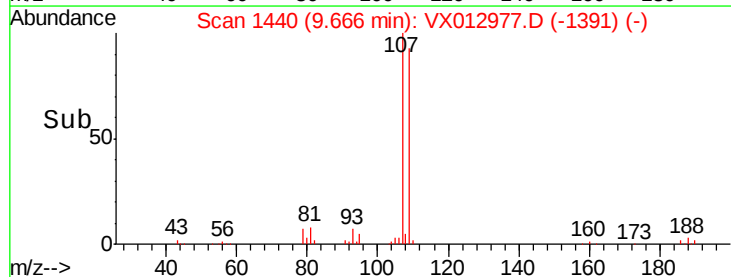
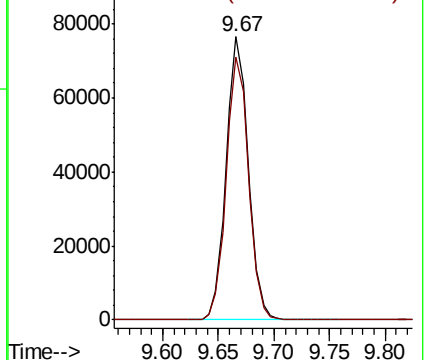
107 100

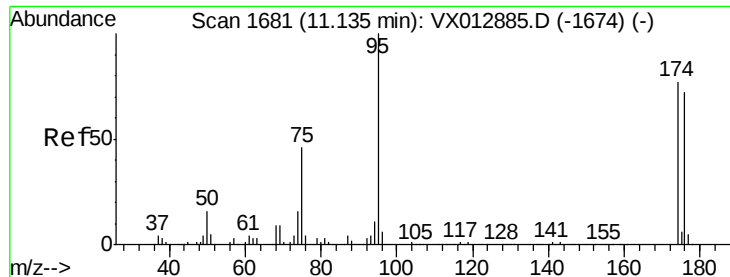
109 93.4 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 48.893 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012977.D

Acq: 10 Oct 2019 05:43

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW1963MSD

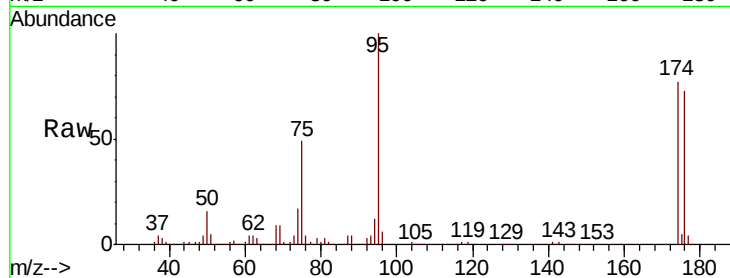
Tot Ion: 95 Resp: 118840

Ion Ratio Lower Upper

95 100

174 72.1 0.0 143.4

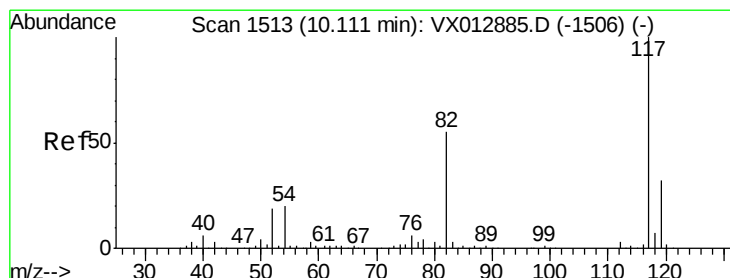
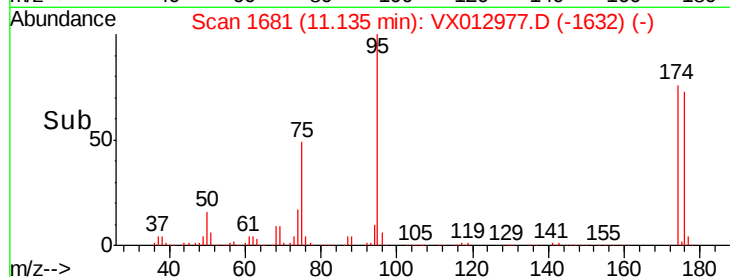
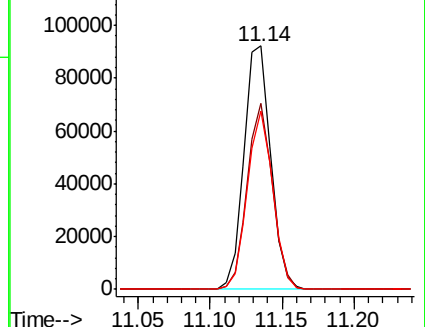
176 69.7 0.0 136.0



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: VX012977.D

Acq: 10 Oct 2019 05:43

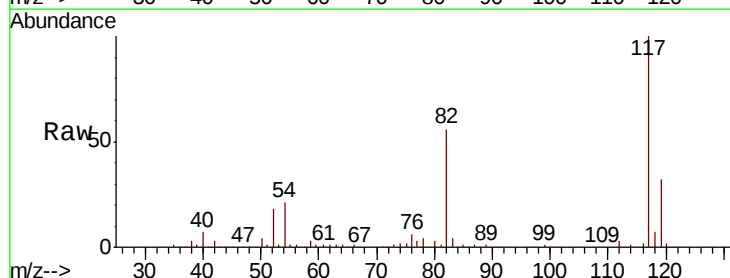
Tgt Ion: 117 Resp: 250561

Ion Ratio Lower Upper

117 100

82 56.0 44.1 66.1

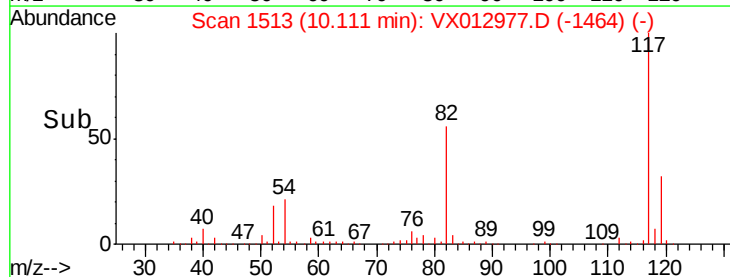
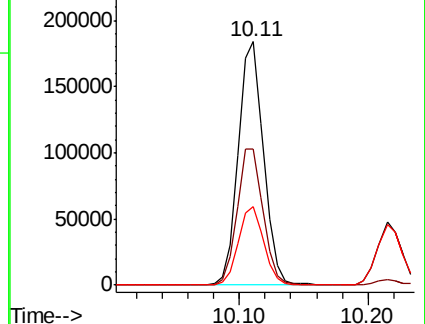
119 32.0 25.8 38.8

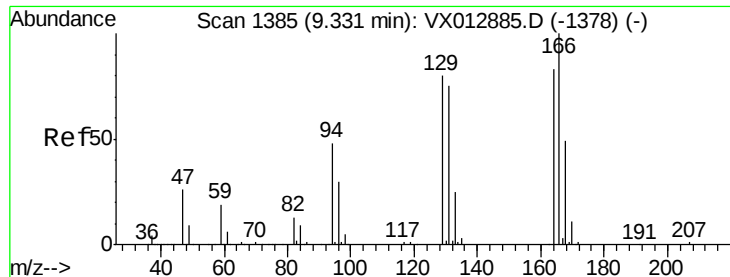


Abundance Ion 116.90 (116.60 to 117.60): VX012885.D (-1506) (-)

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

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





#64

Tetrachloroethene

Concen: 51.992 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX012977.D

Acq: 10 Oct 2019 05:43

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW1963MSD

Tot Ion:164 Resp: 90357

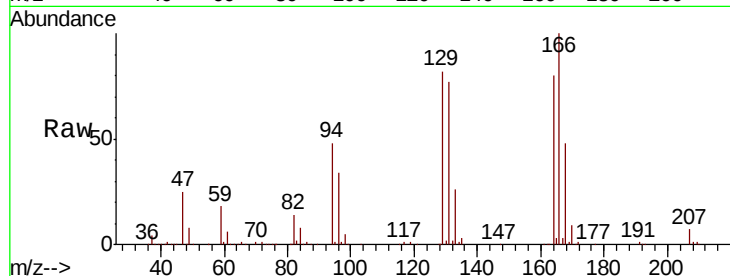
Ion Ratio Lower Upper

164 100

166 124.7 96.9 145.3

129 102.8 77.9 116.9

131 96.5 72.7 109.1



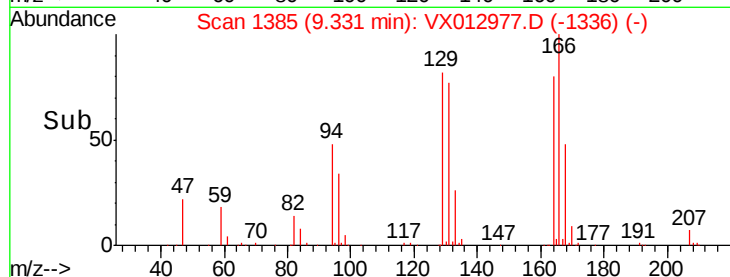
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

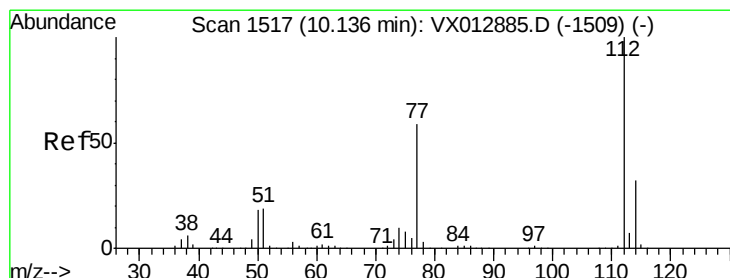
Ion 130.80 (130.50 to 131.50): V

Time-->



9.33

Time-->



#65

Chlorobenzene

Concen: 49.861 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX012977.D

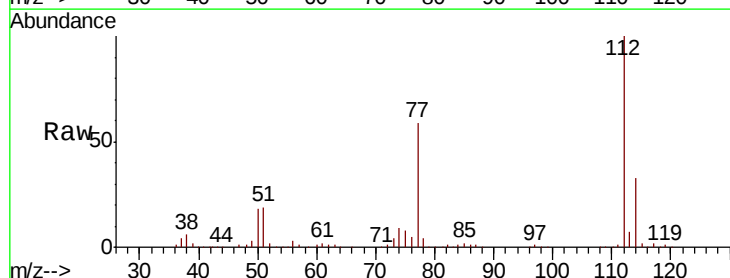
Acq: 10 Oct 2019 05:43

Tgt Ion:112 Resp: 248095

Ion Ratio Lower Upper

112 100

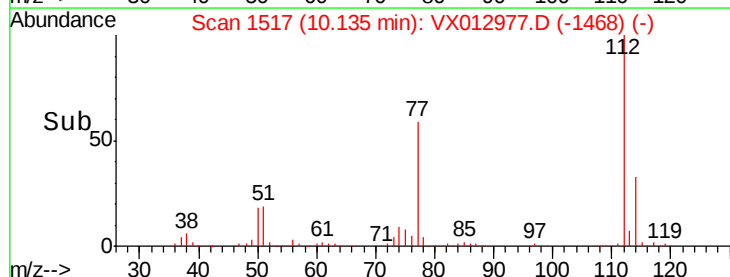
114 32.5 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

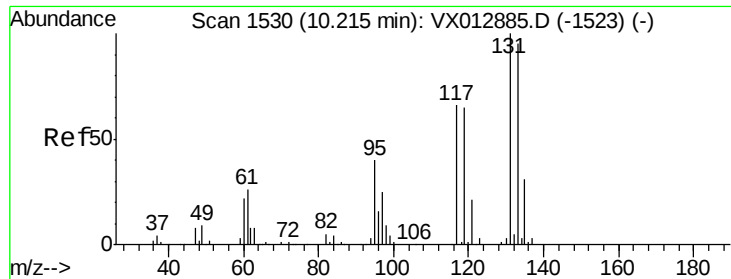
Ion 113.90 (113.60 to 114.60): V

Time-->



10.14

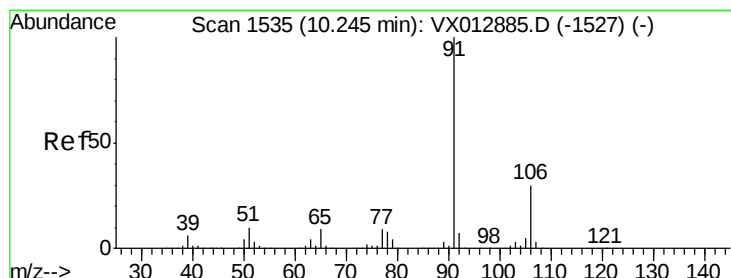
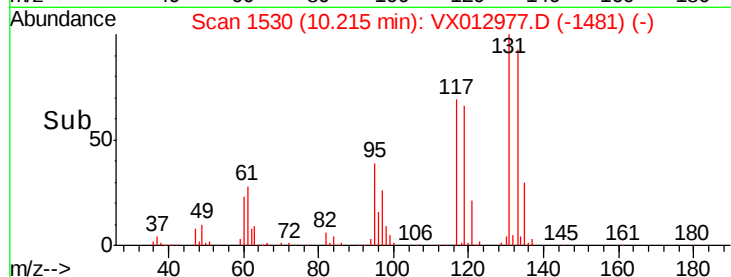
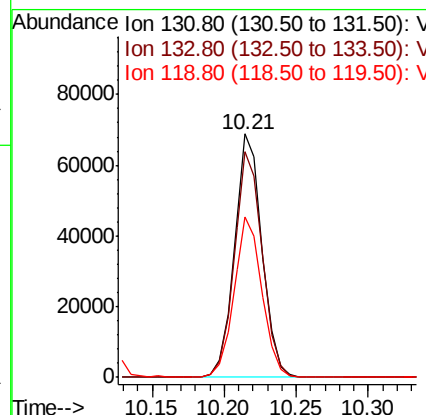
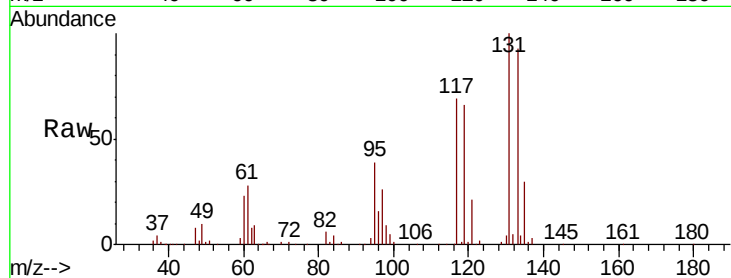
Time-->



#66
 1,1,1,2-Tetrachloroethane
 Concen: 53.157 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VX012977.D
 Acq: 10 Oct 2019 05:43

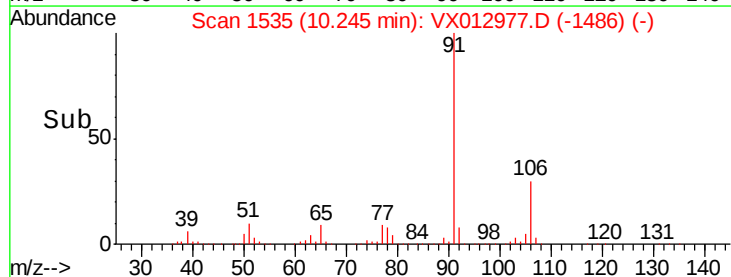
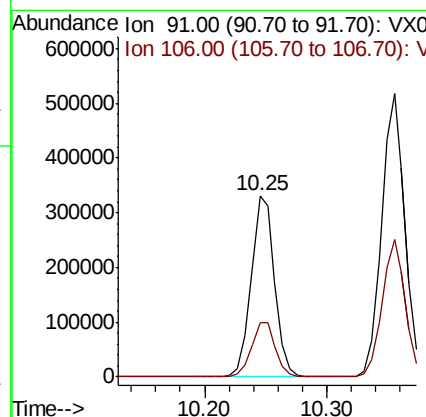
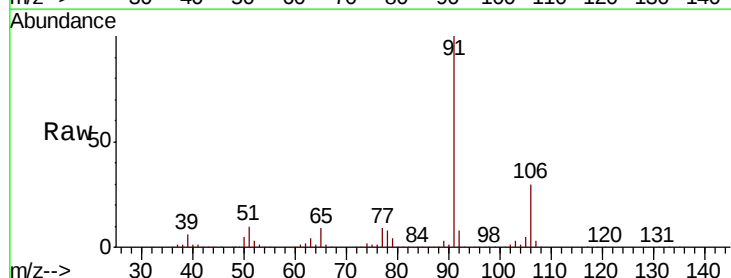
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW1963MSD

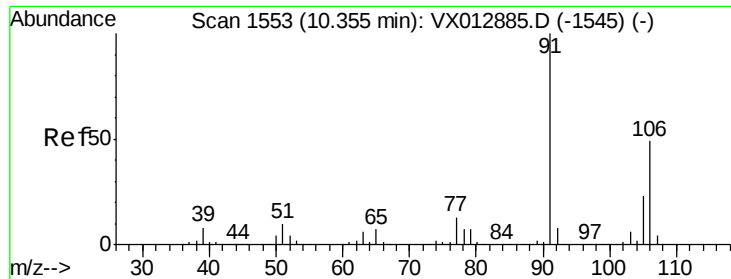
Tot Ion:131 Resp: 91707
 Ion Ratio Lower Upper
 131 100
 133 94.1 47.2 141.6
 119 66.7 32.6 98.0



#67
 Ethyl Benzene
 Concen: 49.613 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VX012977.D
 Acq: 10 Oct 2019 05:43

Tgt Ion: 91 Resp: 438499
 Ion Ratio Lower Upper
 91 100
 106 29.8 23.9 35.9

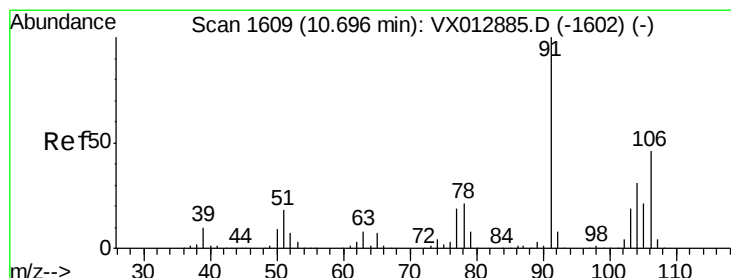
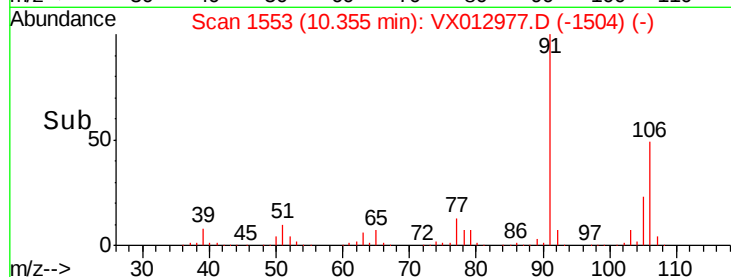
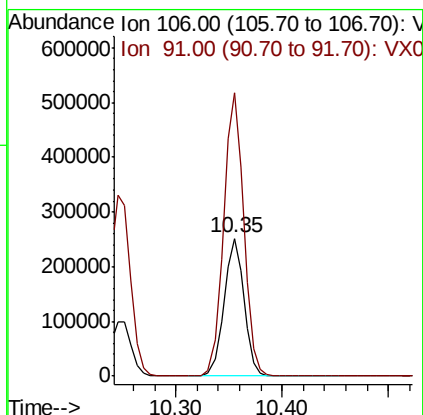
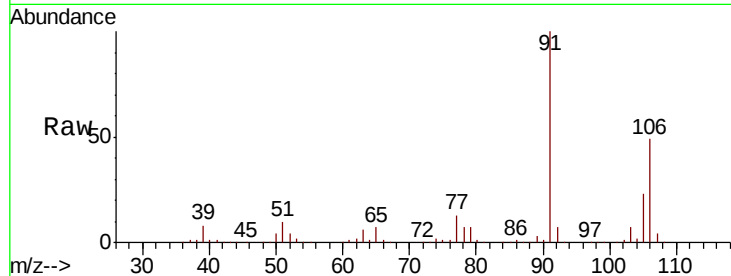




#68
m/p-Xylenes
Concen: 99.966 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012977.D
Acq: 10 Oct 2019 05:43

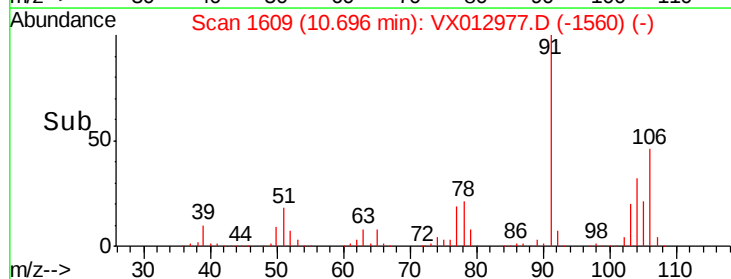
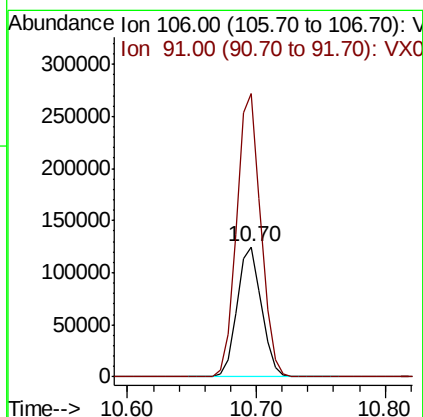
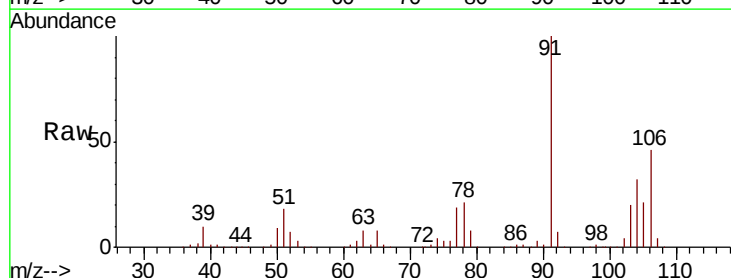
Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW1963MSD

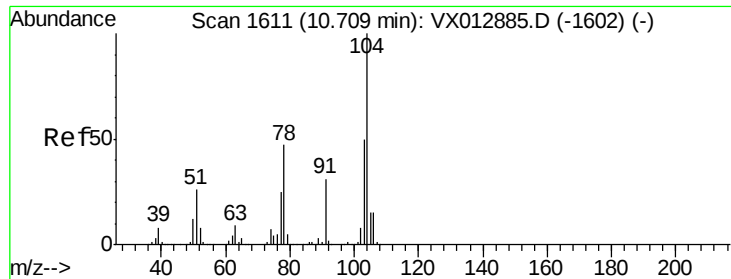
Tot Ion:106 Resp: 330072
Ion Ratio Lower Upper
106 100
91 207.1 165.3 247.9



#69
o-Xylene
Concen: 50.684 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012977.D
Acq: 10 Oct 2019 05:43

Tgt Ion:106 Resp: 163196
Ion Ratio Lower Upper
106 100
91 217.2 109.1 327.3

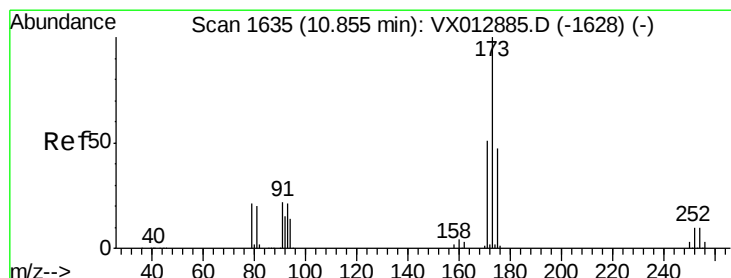
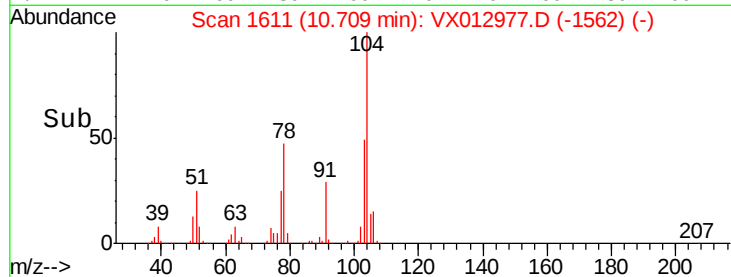
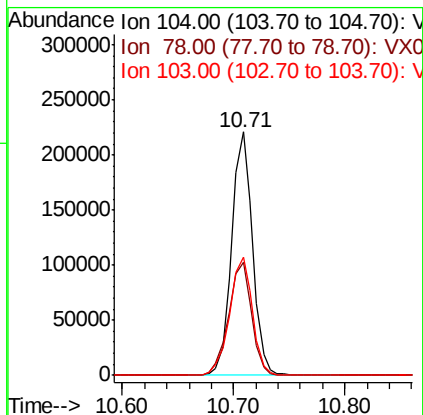
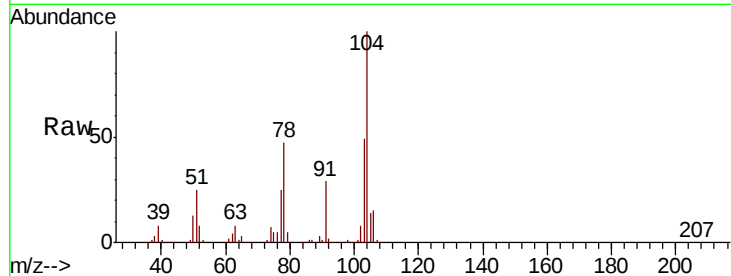




#70
Stvrene
Concen: 52.076 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012977.D
Acq: 10 Oct 2019 05:43

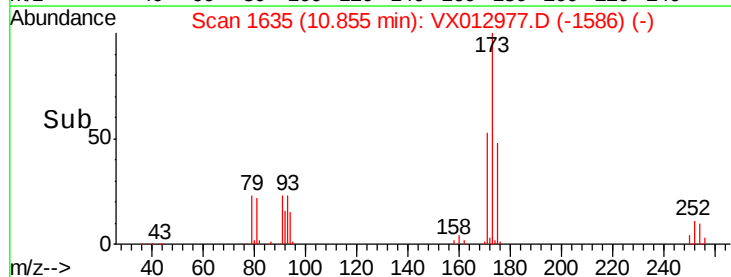
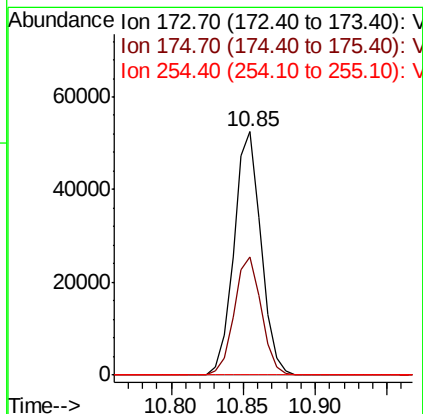
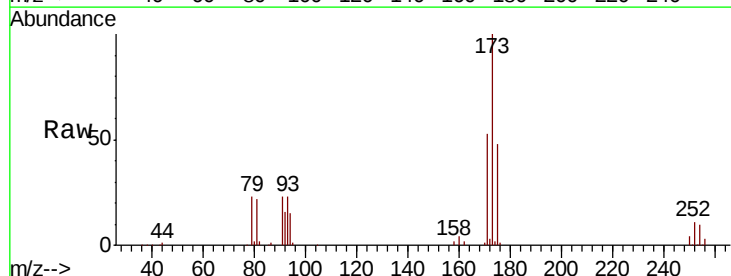
Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW1963MSD

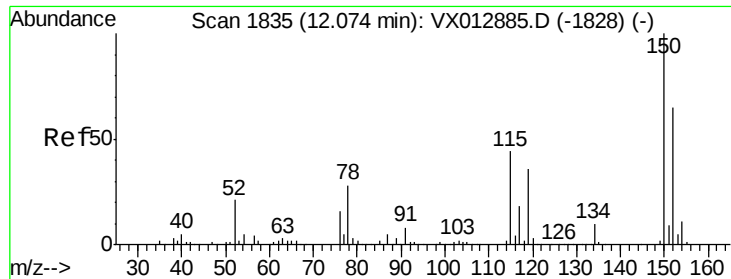
Tot Ion	Ratio	Lower	Upper
104	100		
78	51.6	41.2	61.8
103	53.1	43.0	64.4



#71
Bromoform
Concen: 47.028 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX012977.D
Acq: 10 Oct 2019 05:43

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.5	24.1	72.3
254	0.0	0.1	0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX012977.D

Acq: 10 Oct 2019 05:43

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW1963MSD

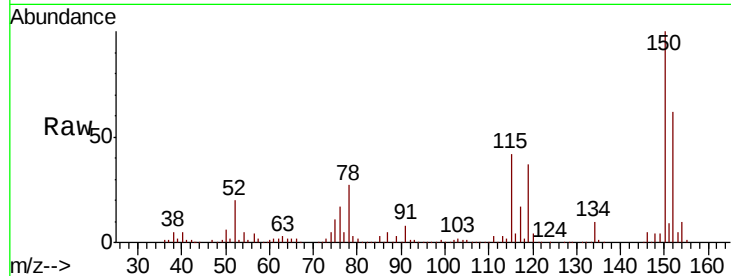
Tot Ion:152 Resp: 114350

Ion Ratio Lower Upper

152 100

115 87.4 44.5 133.5

150 171.7 0.0 353.4

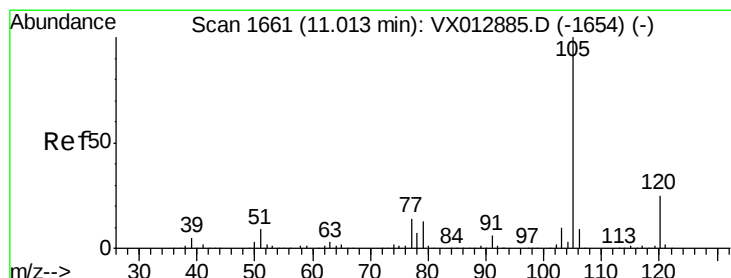
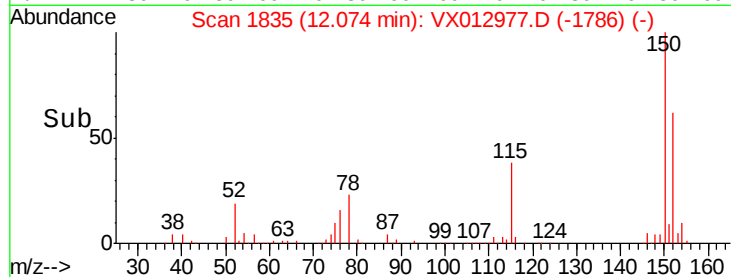
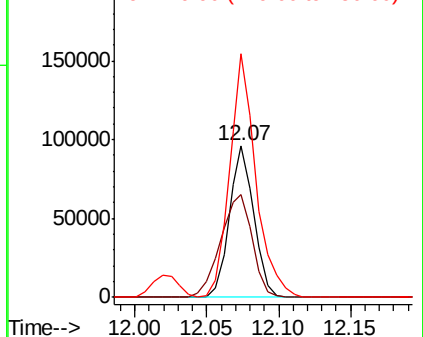


Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 50.204 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012977.D

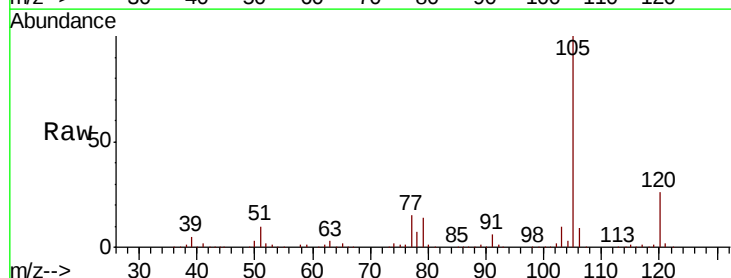
Acq: 10 Oct 2019 05:43

Tgt Ion:105 Resp: 422074

Ion Ratio Lower Upper

105 100

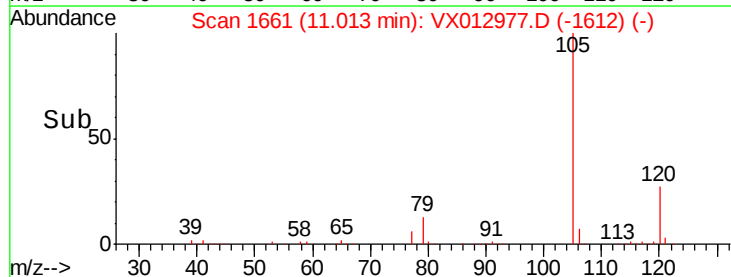
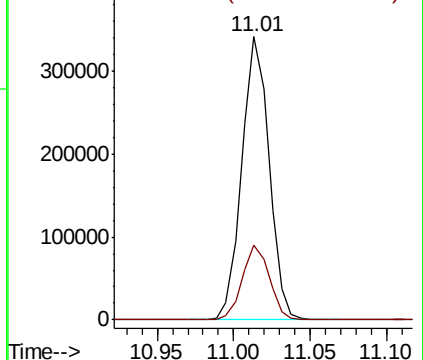
120 26.1 13.0 39.0

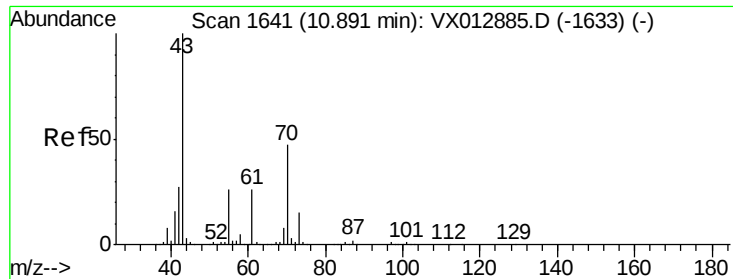


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 52.184 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX012977.D

Acq: 10 Oct 2019 05:43

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW1963MSD

Tot Ion: 43 Resp: 188947

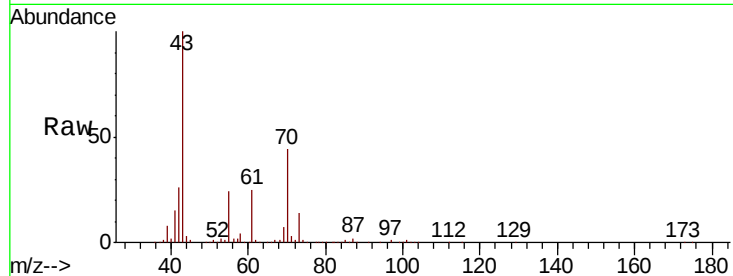
Ion Ratio Lower Upper

43 100

70 44.8 36.4 54.6

55 25.0 20.2 30.2

61 25.1 20.5 30.7

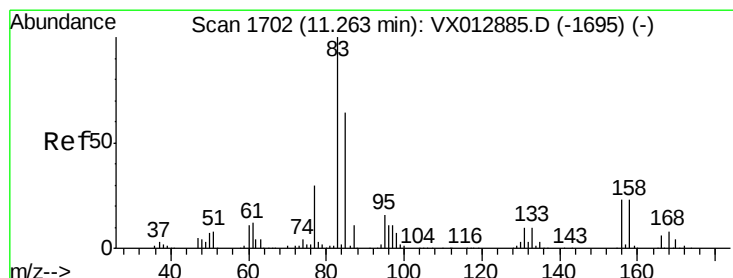
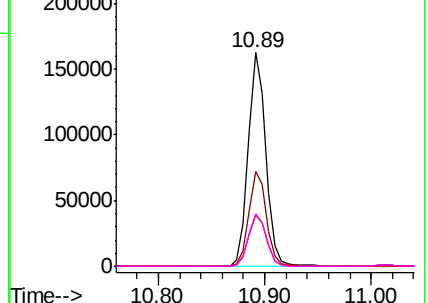
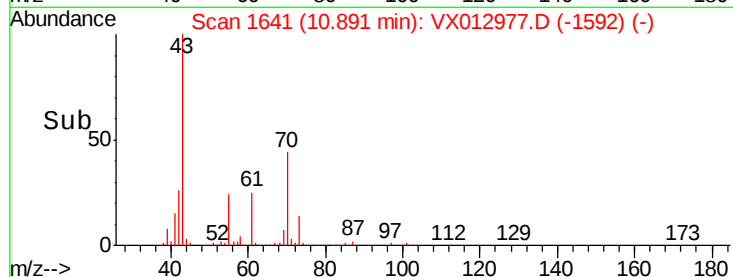


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 54.862 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012977.D

Acq: 10 Oct 2019 05:43

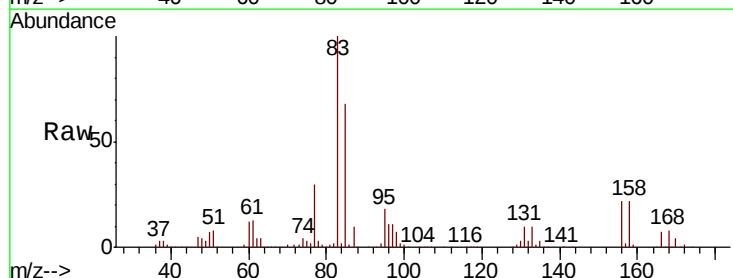
Tgt Ion: 83 Resp: 153407

Ion Ratio Lower Upper

83 100

131 10.1 5.1 15.3

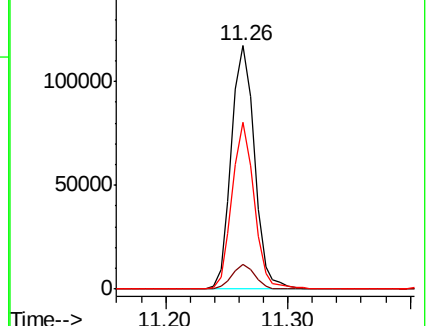
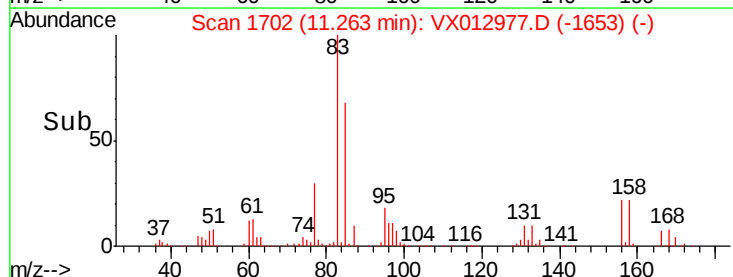
85 65.6 32.1 96.5

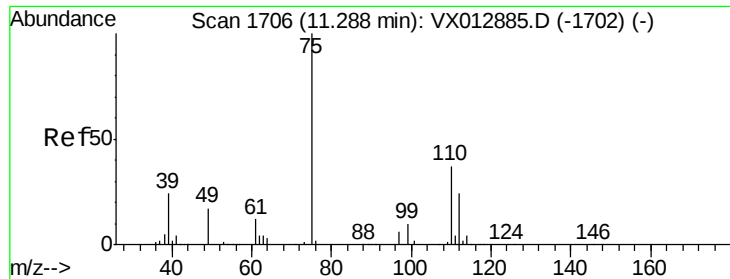


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

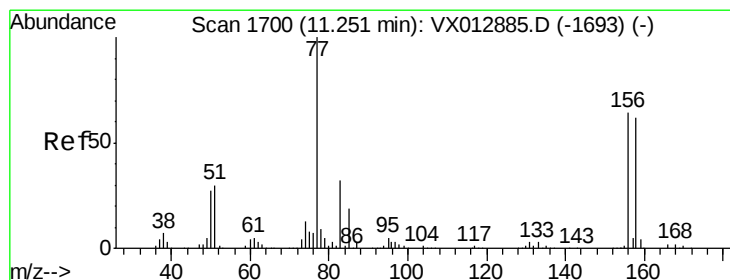
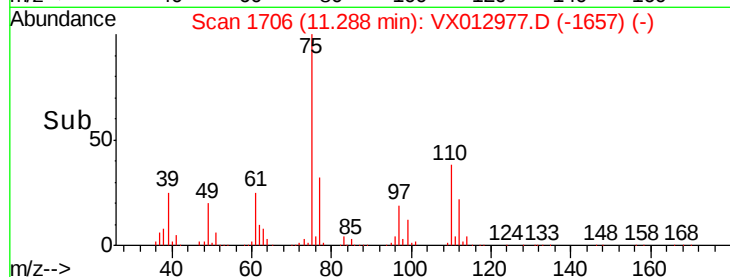
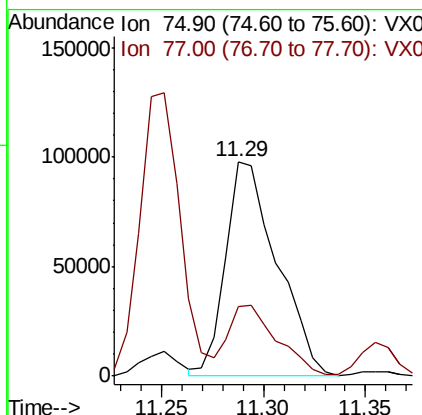
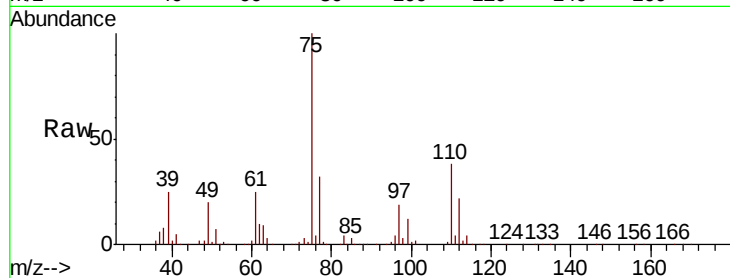




#76
 1,2,3-Trichloropropane
 Concen: 67.701 ug/l
 RT: 11.29 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: VX012977.D
 Acq: 10 Oct 2019 05:43

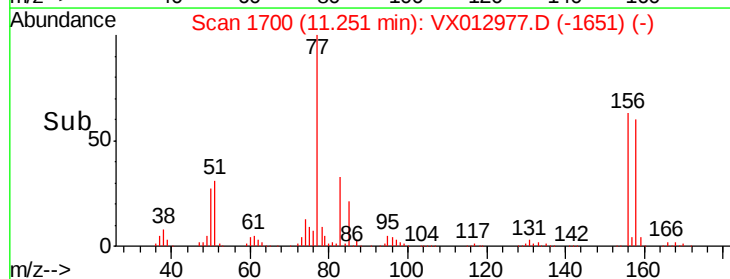
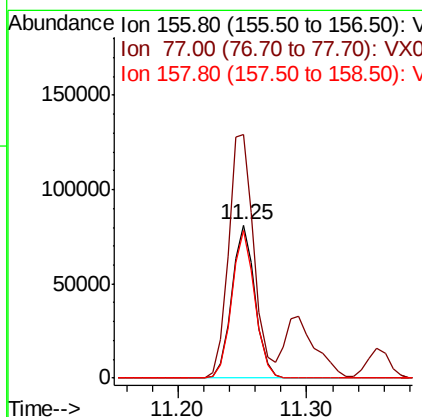
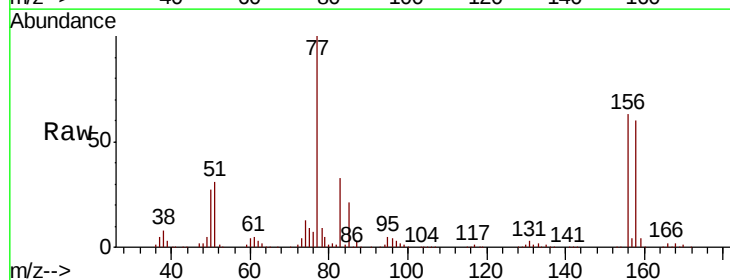
Instrument :
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 ClientSampleId :
 FA19-JMW1963MSD

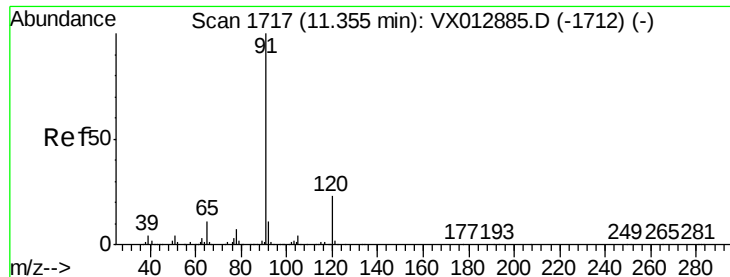
Tot Ion: 75 Resp: 171707
 Ion Ratio Lower Upper
 75 100
 77 31.0 22.9 68.8



#77
 Bromobenzene
 Concen: 51.688 ug/l
 RT: 11.25 min Scan# 1700
 Delta R.T. -0.00 min
 Lab File: VX012977.D
 Acq: 10 Oct 2019 05:43

Tgt Ion: 156 Resp: 102401
 Ion Ratio Lower Upper
 156 100
 77 174.3 83.7 251.0
 158 95.4 48.6 145.9





#78

n-propylbenzene

Concen: 50.707 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012977.D

Acq: 10 Oct 2019 05:43

Instrument :

MSVOA_X

ClientSampleId :

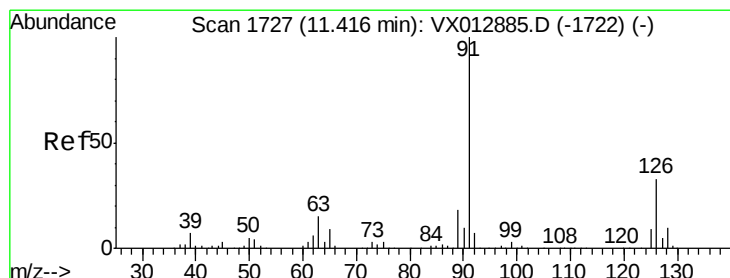
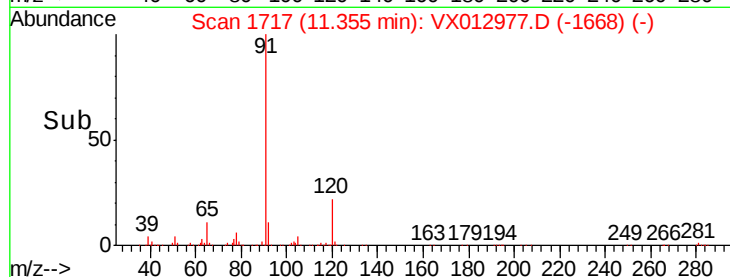
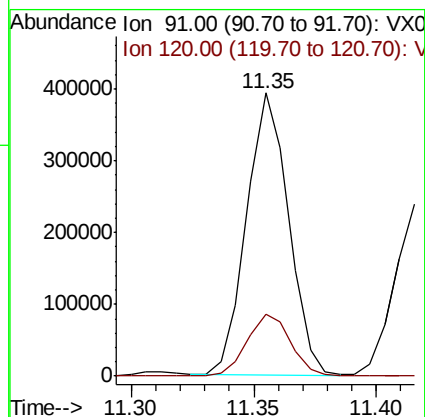
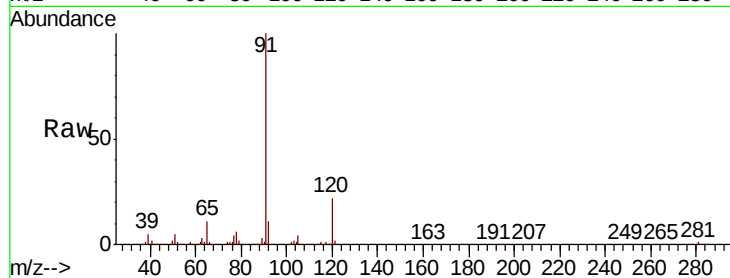
FA19-JMW1963MSD

Tot Ion: 91 Resp: 469096

Ion Ratio Lower Upper

91 100

120 22.8 11.7 35.1



#79

2-Chlorotoluene

Concen: 50.061 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX012977.D

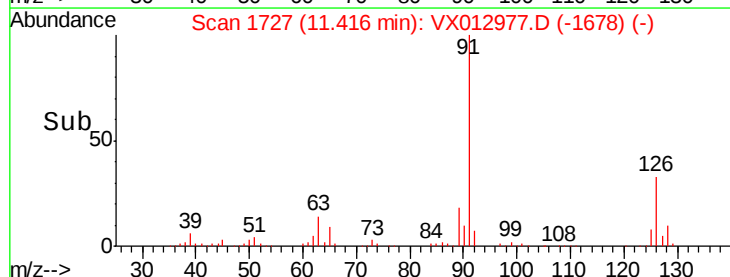
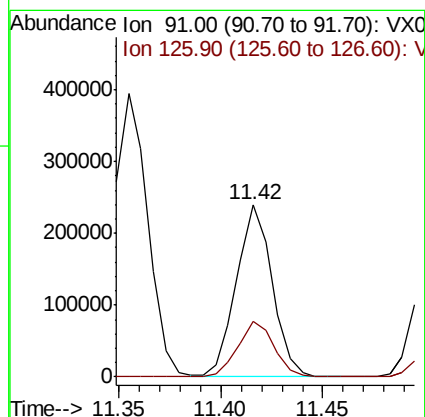
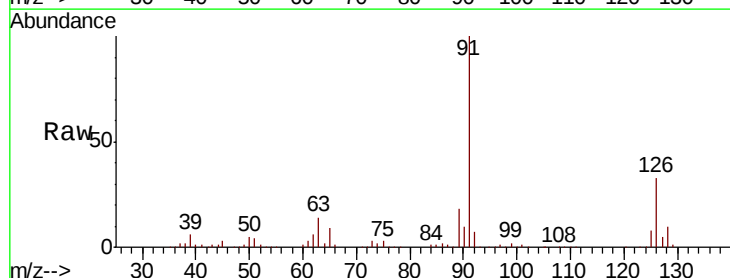
Acq: 10 Oct 2019 05:43

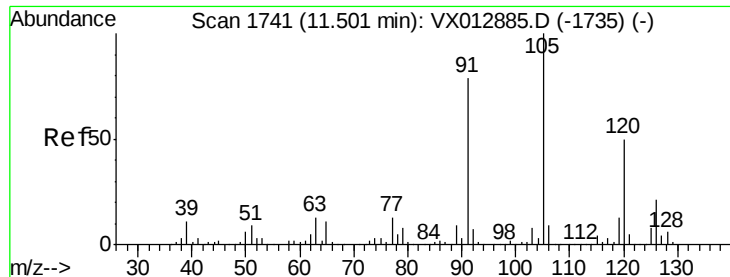
Tgt Ion: 91 Resp: 291054

Ion Ratio Lower Upper

91 100

126 33.1 16.3 48.8

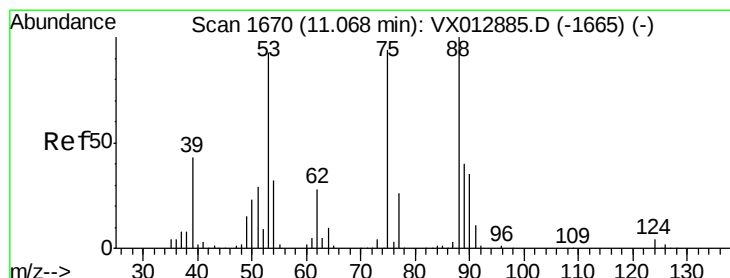
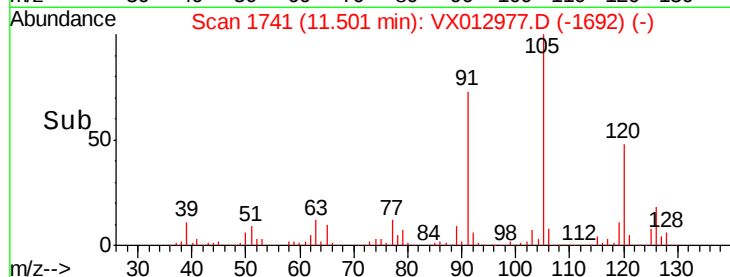
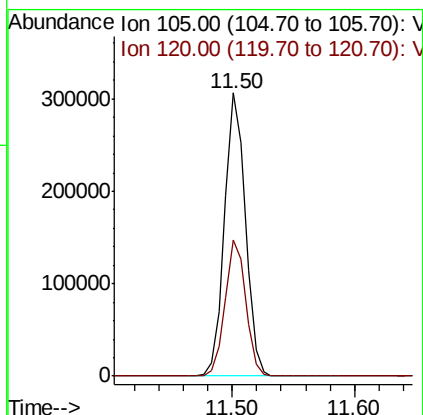
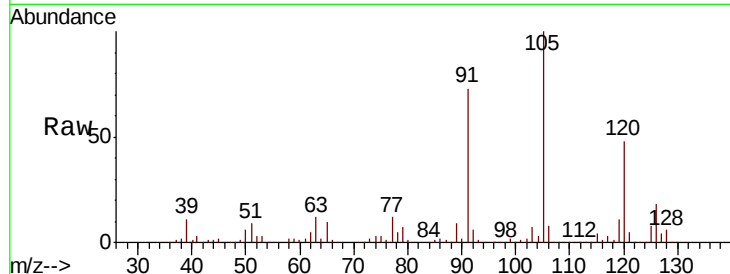




#80
 1,3,5-Trimethylbenzene
 Concen: 51.496 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX012977.D
 Acq: 10 Oct 2019 05:43

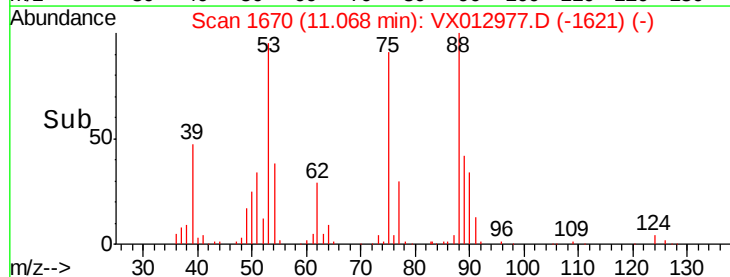
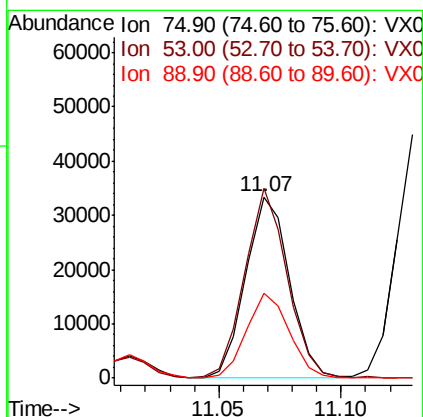
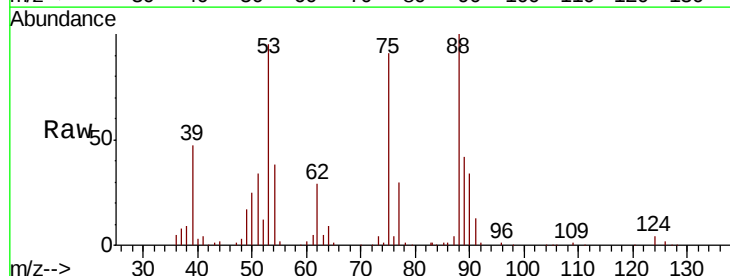
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW1963MSD

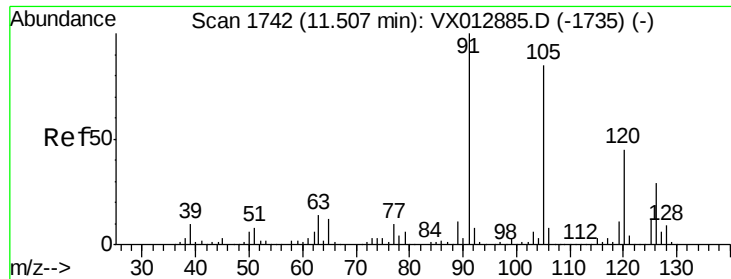
Tot Ion:105 Resp: 361504
 Ion Ratio Lower Upper
 105 100
 120 47.6 24.8 74.3



#81
 trans-1,4-Dichloro-2-butene
 Concen: 42.582 ug/l
 RT: 11.07 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: VX012977.D
 Acq: 10 Oct 2019 05:43

Tgt Ion: 75 Resp: 41348
 Ion Ratio Lower Upper
 75 100
 53 102.5 78.5 117.7
 89 45.8 37.4 56.2

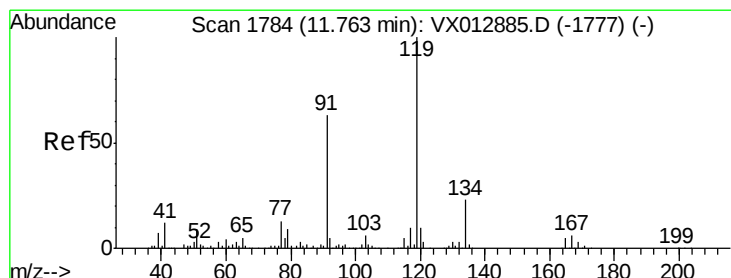
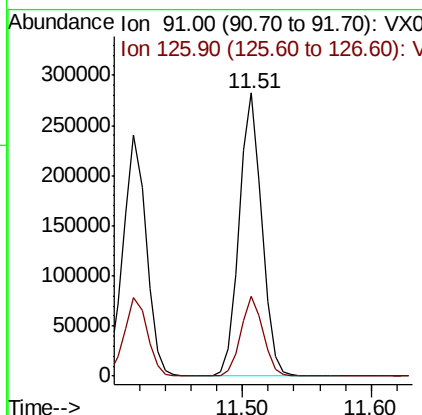
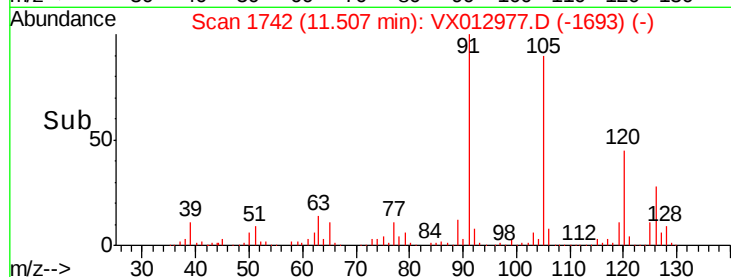
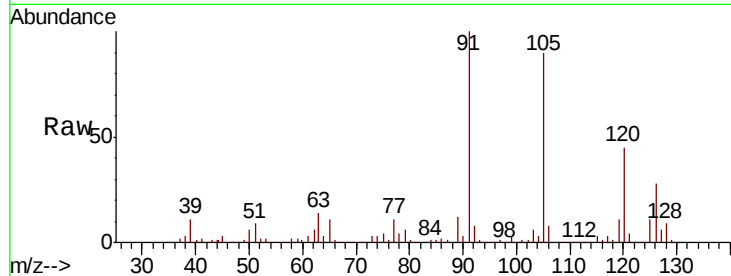




#82
4-Chlorotoluene
Concen: 51.409 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX012977.D
Acq: 10 Oct 2019 05:43

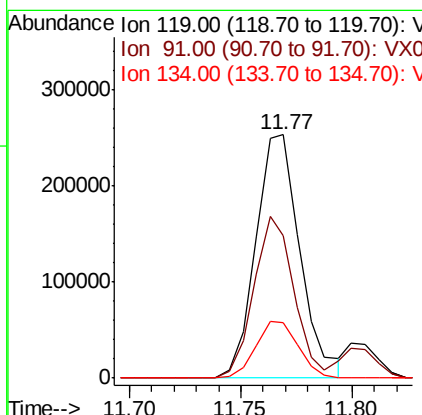
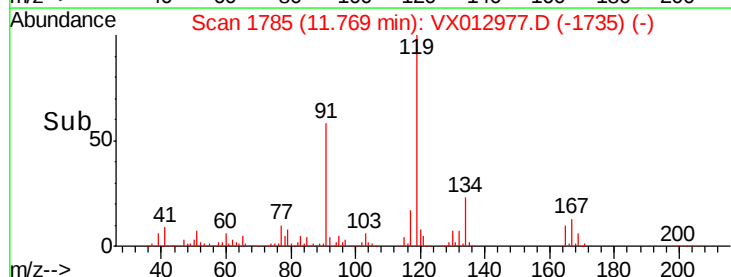
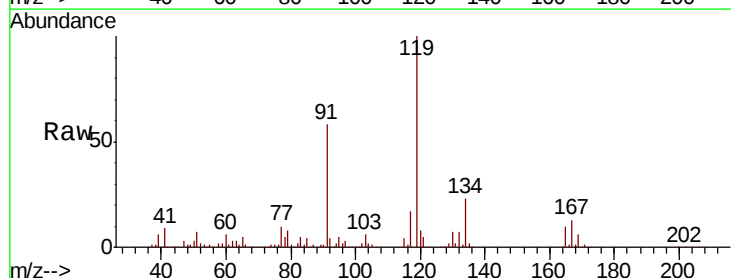
Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW1963MSD

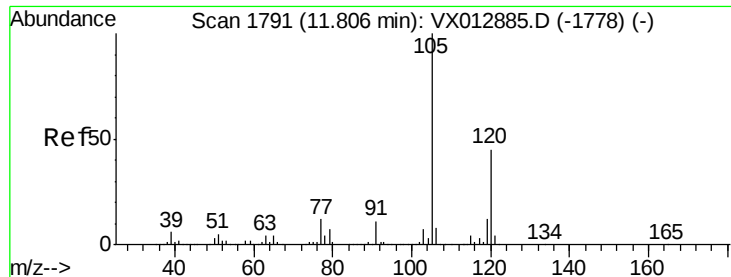
Tot Ion: 91 Resp: 342587
Ion Ratio Lower Upper
91 100
126 27.7 14.2 42.6



#83
tert-Butylbenzene
Concen: 51.173 ug/l
RT: 11.77 min Scan# 1785
Delta R.T. 0.01 min
Lab File: VX012977.D
Acq: 10 Oct 2019 05:43

Tgt Ion: 119 Resp: 350435
Ion Ratio Lower Upper
119 100
91 60.2 29.3 87.9
134 22.2 11.5 34.4

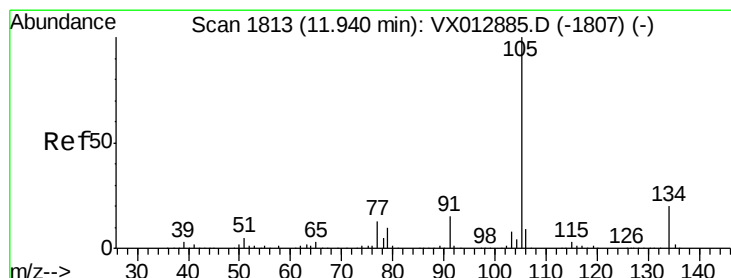
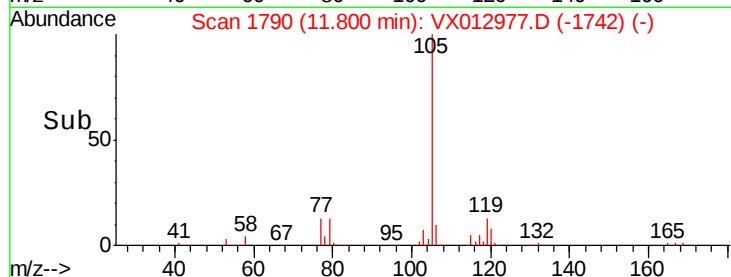
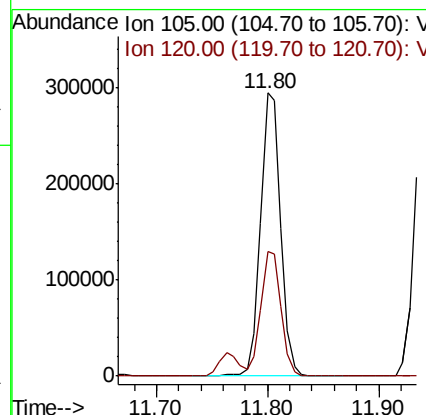
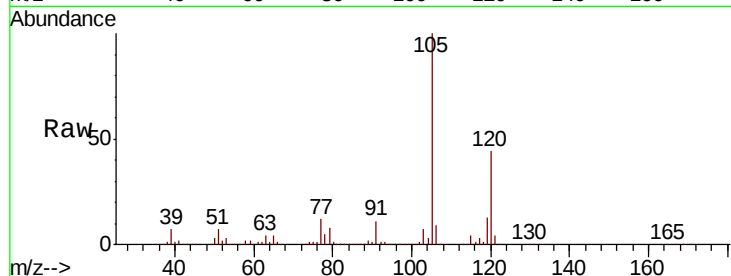




#84
1,2,4-Trimethylbenzene
Concen: 52.017 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX012977.D
Acq: 10 Oct 2019 05:43

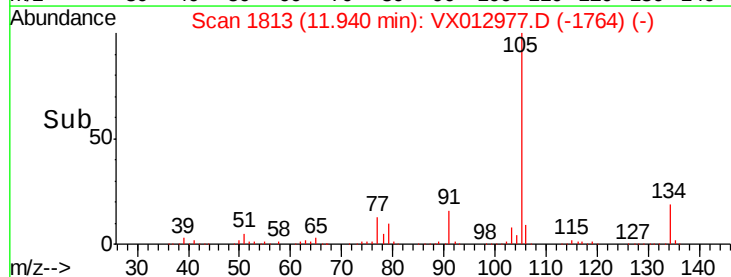
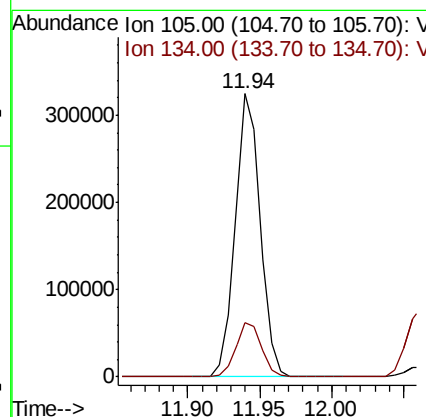
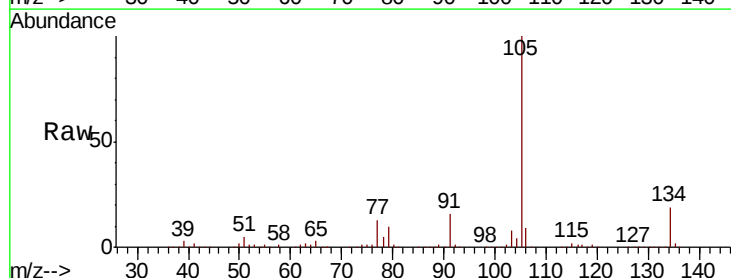
Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW1963MSD

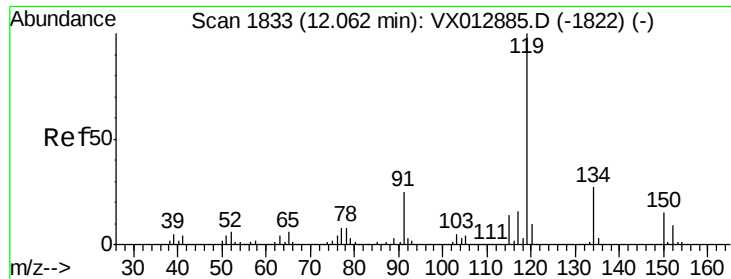
Tot Ion:105 Resp: 369830
Ion Ratio Lower Upper
105 100
120 44.1 21.8 65.3



#85
sec-Butylbenzene
Concen: 49.966 ug/l
RT: 11.94 min Scan# 1813
Delta R.T. -0.00 min
Lab File: VX012977.D
Acq: 10 Oct 2019 05:43

Tgt Ion:105 Resp: 396418
Ion Ratio Lower Upper
105 100
134 19.6 10.0 30.0

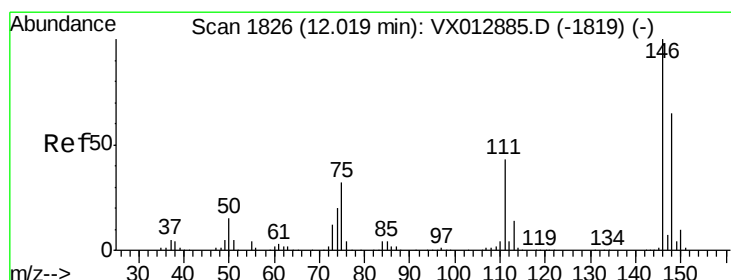
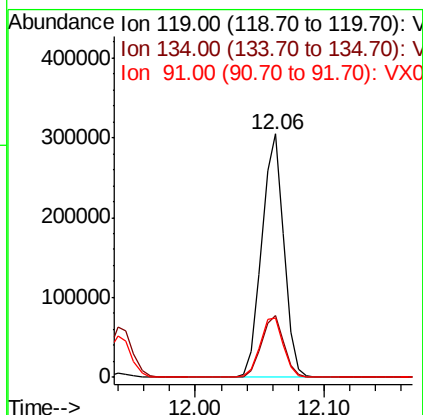
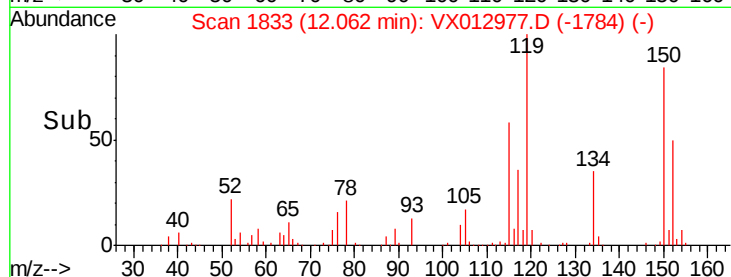
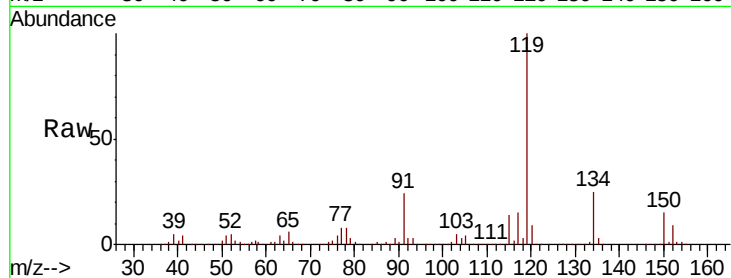




#86
p-Isopropyltoluene
Concen: 48.841 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VX012977.D
Acq: 10 Oct 2019 05:43

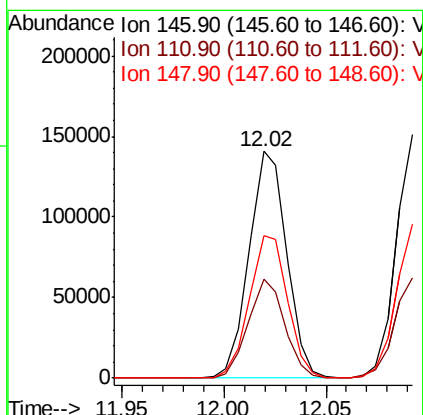
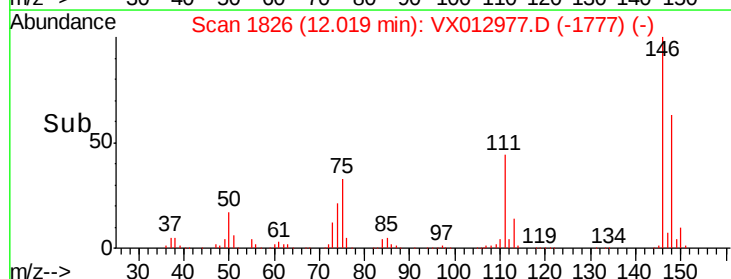
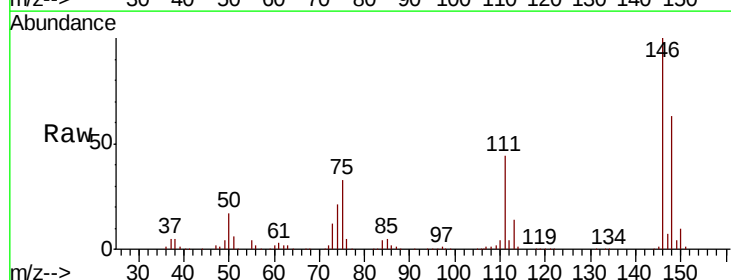
Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW1963MSD

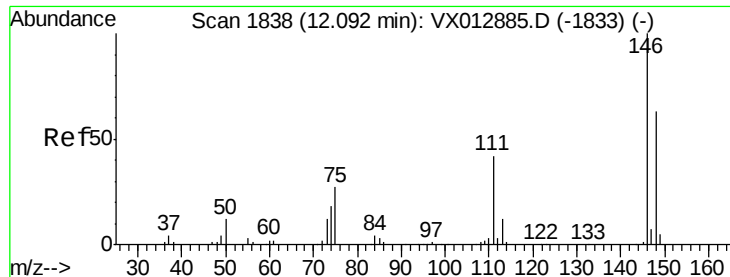
Tot Ion:119 Resp: 359378
Ion Ratio Lower Upper
119 100
134 25.5 12.6 37.8
91 25.5 12.4 37.4



#87
1,3-Dichlorobenzene
Concen: 49.094 ug/l
RT: 12.02 min Scan# 1826
Delta R.T. -0.00 min
Lab File: VX012977.D
Acq: 10 Oct 2019 05:43

Tgt Ion:146 Resp: 180617
Ion Ratio Lower Upper
146 100
111 42.7 21.1 63.4
148 63.9 31.6 95.0

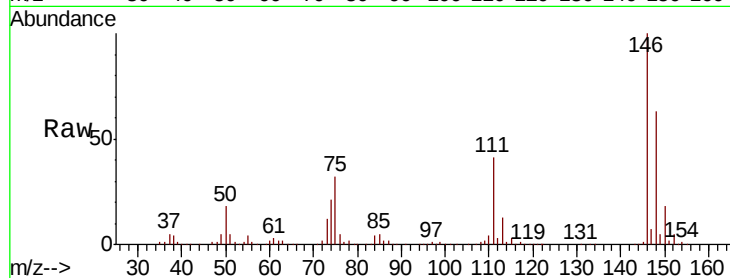




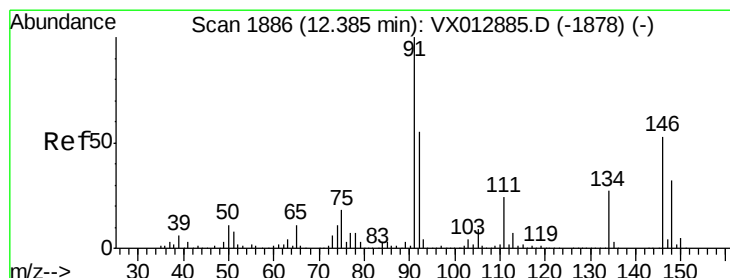
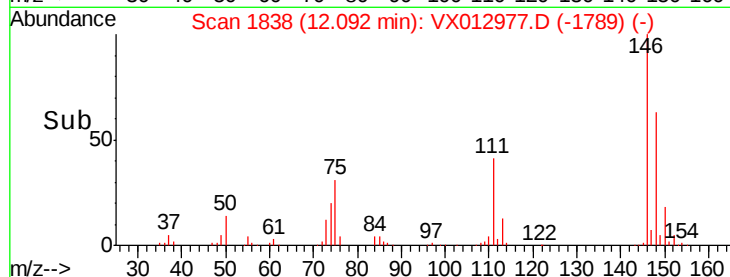
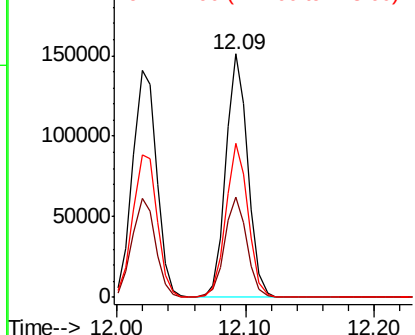
#88
 1,4-Dichlorobenzene
 Concen: 48.606 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX012977.D
 Acq: 10 Oct 2019 05:43

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW1963MSD

Tot Ion:146 Resp: 181105
 Ion Ratio Lower Upper
 146 100
 111 41.7 21.4 64.3
 148 64.0 32.1 96.5

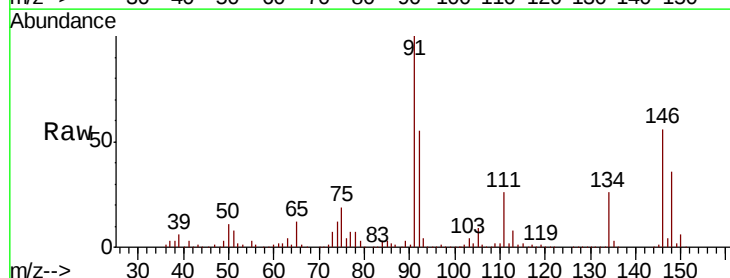


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

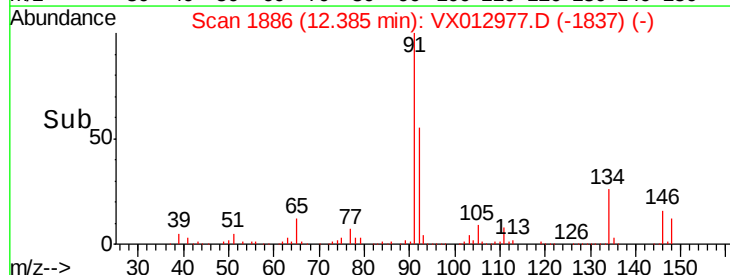
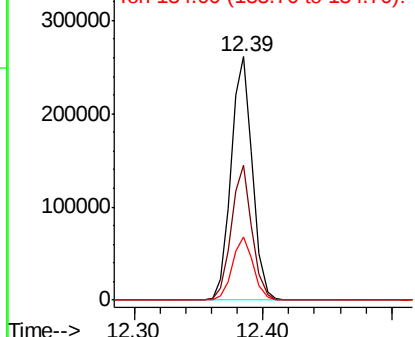


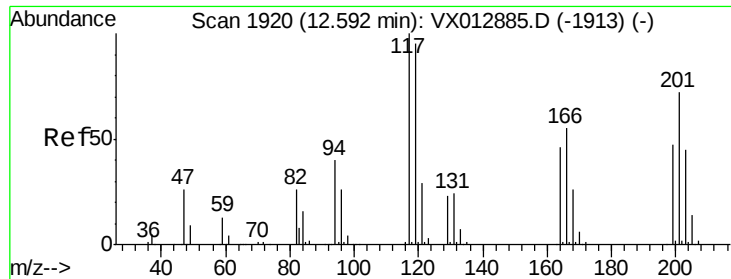
#89
 n-Butylbenzene
 Concen: 48.798 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012977.D
 Acq: 10 Oct 2019 05:43

Tgt Ion: 91 Resp: 301772
 Ion Ratio Lower Upper
 91 100
 92 53.8 27.5 82.5
 134 25.5 12.9 38.7



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

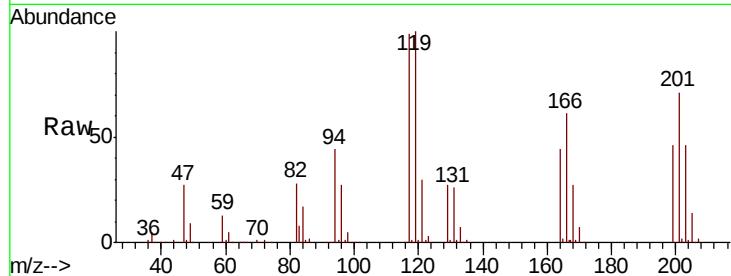




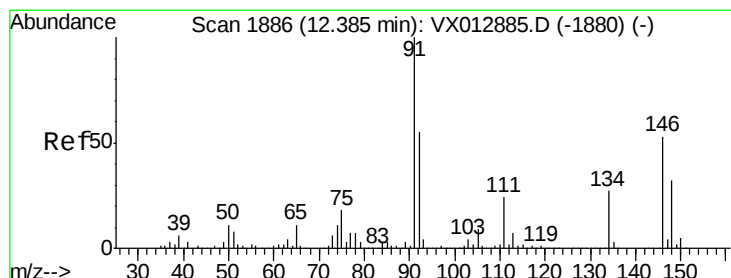
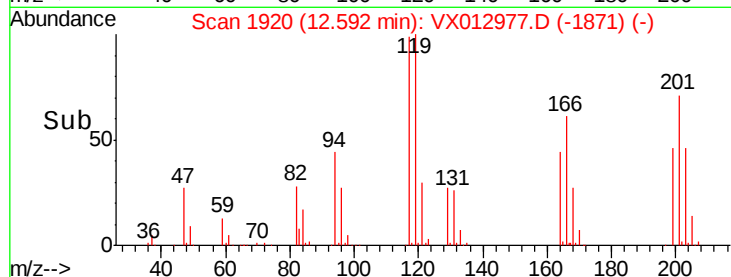
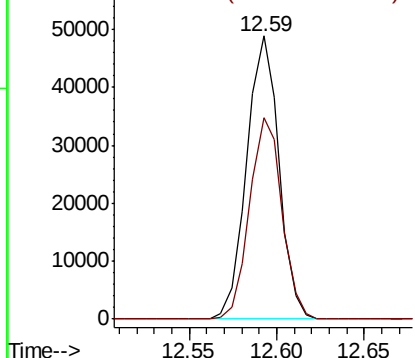
#90
Hexachloroethane
Concen: 46.054 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012977.D
Acq: 10 Oct 2019 05:43

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW1963MSD

Tot Ion:117 Resp: 62524
Ion Ratio Lower Upper
117 100
201 71.7 36.9 110.7

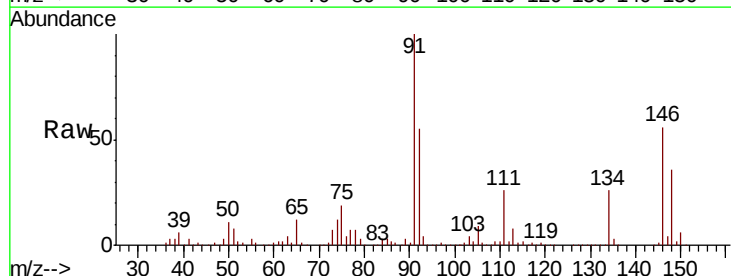


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

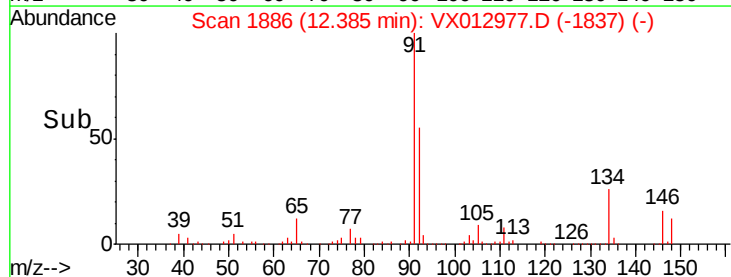
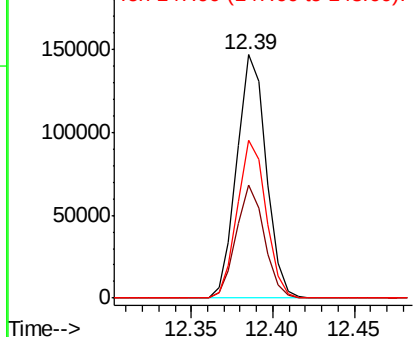


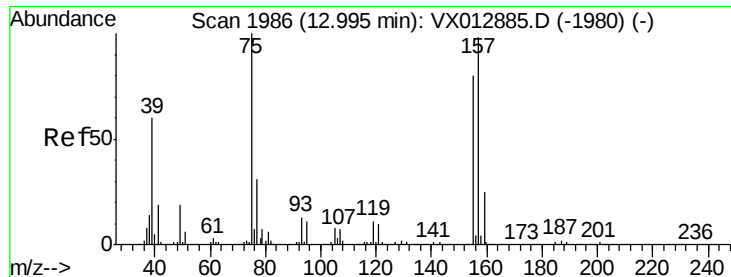
#91
1,2-Dichlorobenzene
Concen: 51.214 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX012977.D
Acq: 10 Oct 2019 05:43

Tgt Ion:146 Resp: 184714
Ion Ratio Lower Upper
146 100
111 44.5 22.7 68.0
148 63.8 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: 56.798 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VX012977.D

Acq: 10 Oct 2019 05:43

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW1963MSD

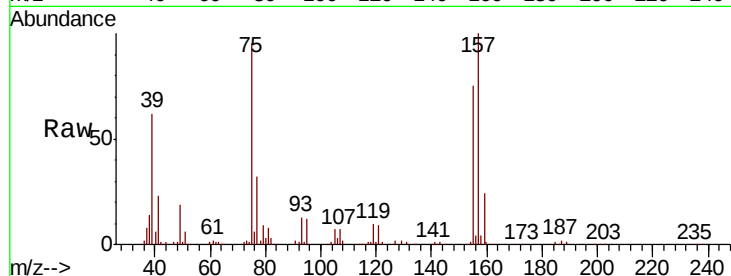
Tot Ion: 75 Resp: 37225

Ion Ratio Lower Upper

75 100

155 80.9 43.0 128.8

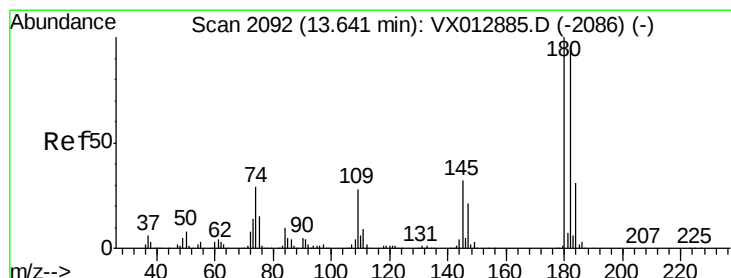
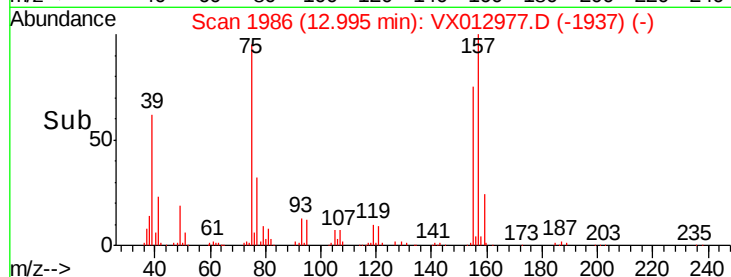
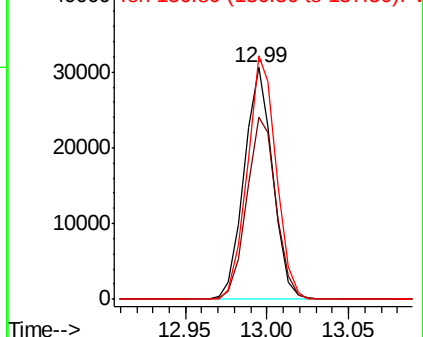
157 106.4 54.1 162.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 48.389 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. -0.00 min

Lab File: VX012977.D

Acq: 10 Oct 2019 05:43

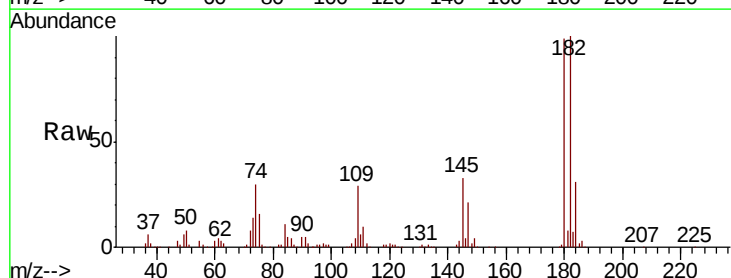
Tgt Ion:180 Resp: 109327

Ion Ratio Lower Upper

180 100

182 96.7 46.8 140.4

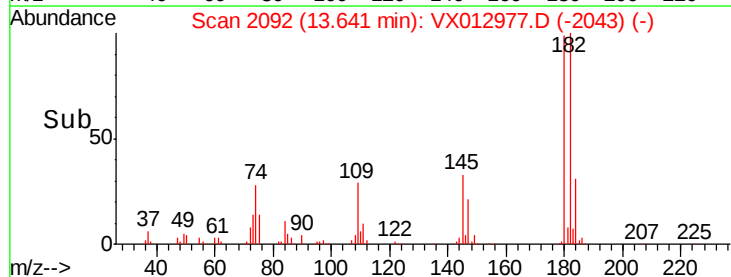
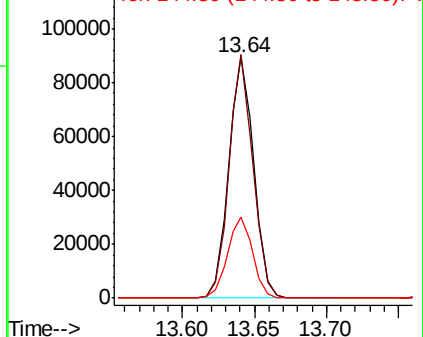
145 33.8 16.2 48.6

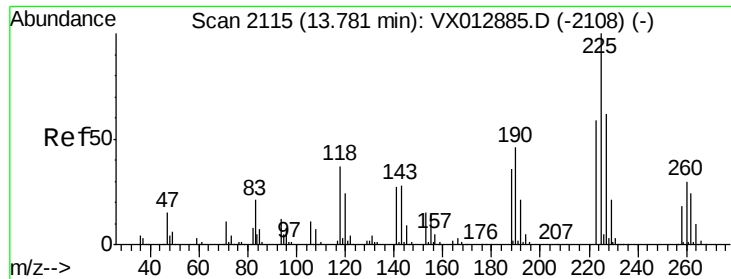


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 46.223 ug/l

RT: 13.78 min Scan# 2114

Delta R.T. -0.01 min

Lab File: VX012977.D

Acq: 10 Oct 2019 05:43

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW1963MSD

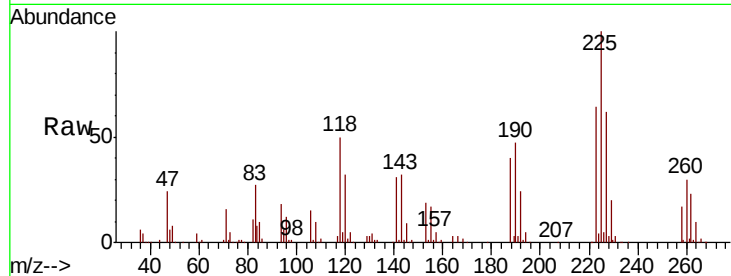
Tot Ion:225 Resp: 48197

Ion Ratio Lower Upper

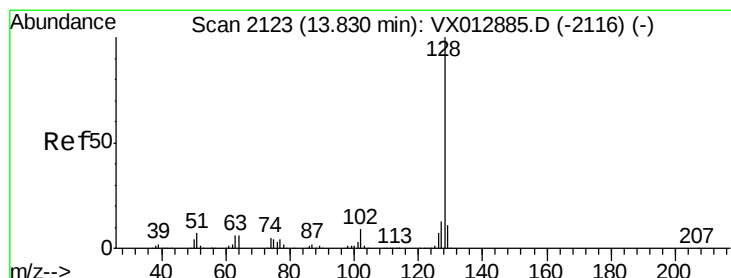
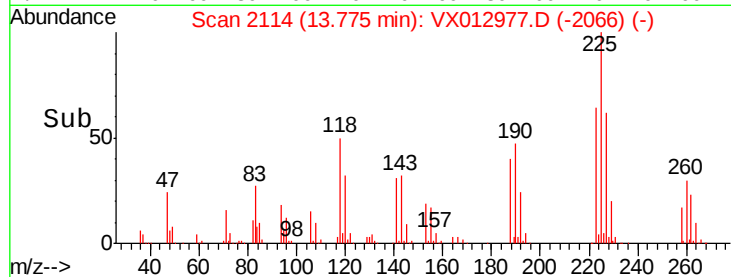
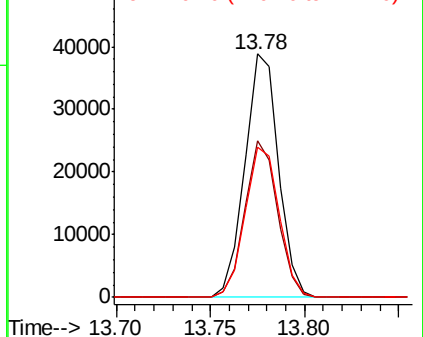
225 100

223 62.6 31.1 93.2

227 62.7 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: 53.042 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX012977.D

Acq: 10 Oct 2019 05:43

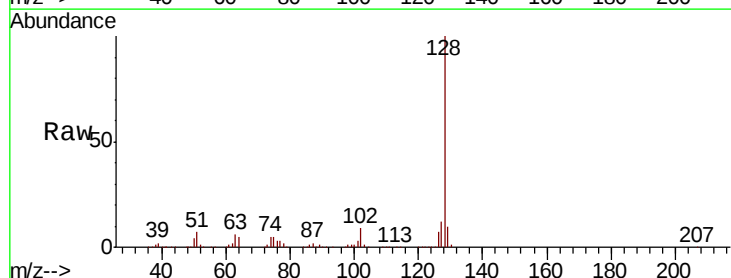
Tgt Ion:128 Resp: 415425

Ion Ratio Lower Upper

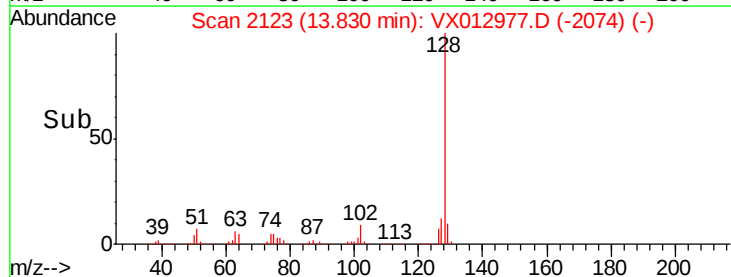
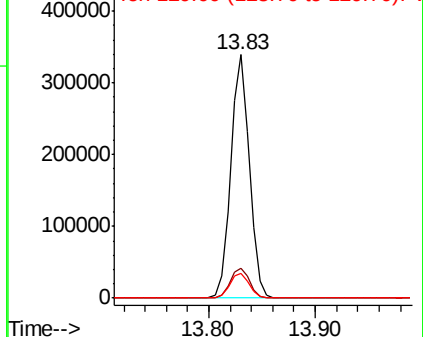
128 100

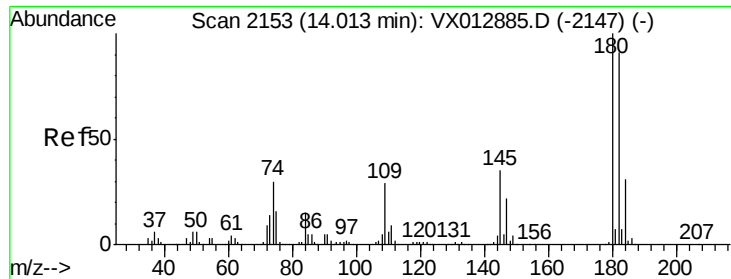
127 12.7 10.2 15.4

129 10.7 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

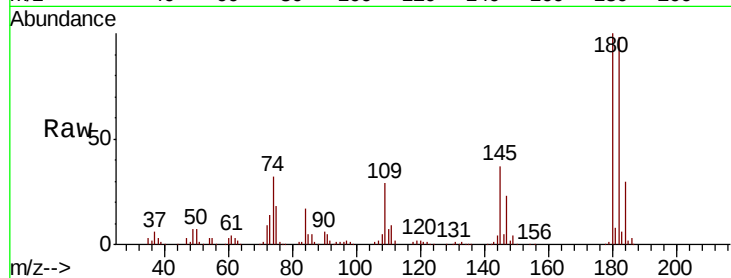




#96
 1,2,3-Trichlorobenzene
 Concen: 49.123 ug/l
 RT: 14.01 min Scan# 2153
 Delta R.T. -0.00 min
 Lab File: VX012977.D
 Acq: 10 Oct 2019 05:43

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW1963MSD

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.9	47.5	142.5
145	35.3	17.4	52.3



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

