

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100919\
 Data File : VX012976.D
 Acq On : 10 Oct 2019 05:20
 Operator : JC/SP
 Sample : K5259-03MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW1963MS

Quant Time: Oct 10 06:51:56 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	161536	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	283395	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	257487	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	118040	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	110207	54.59	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	109.18%	
35) Dibromofluoromethane	5.49	113	87032	53.51	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	107.02%	
50) Toluene-d8	8.71	98	327887	51.69	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.38%	
62) 4-Bromofluorobenzene	11.14	95	125969	51.10	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	87267	52.999	ug/l	99
3) Chloromethane	1.31	50	96759	53.996	ug/l	99
4) Vinyl Chloride	1.40	62	98938	53.492	ug/l	99
5) Bromomethane	1.63	94	34266	44.567	ug/l	96
6) Chloroethane	1.71	64	63207	55.902	ug/l	97
7) Trichlorofluoromethane	1.92	101	137755	55.181	ug/l	97
8) Diethyl Ether	2.18	74	54370	53.957	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	84452	52.271	ug/l	98
10) Methyl Iodide	2.50	142	97749	53.058	ug/l	99
11) Tert butyl alcohol	3.03	59	133528	249.484	ug/l	100
12) 1,1-Dichloroethene	2.36	96	88502	54.216	ug/l	98
13) Acrolein	2.28	56	82962	218.117	ug/l	98
14) Allyl chloride	2.72	41	152391	52.421	ug/l	99
15) Acrylonitrile	3.13	53	284025	280.028	ug/l	100
16) Acetone	2.43	43	249522	234.467	ug/l	99
17) Carbon Disulfide	2.56	76	235909	50.683	ug/l	99
18) Methyl Acetate	2.76	43	121715	48.252	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	319593	56.693	ug/l	98
20) Methylene Chloride	2.84	84	103317	52.826	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	96516	55.163	ug/l	98
22) Diisopropyl ether	3.84	45	315439	56.626	ug/l	95
23) Vinyl Acetate	3.80	43	1228570	255.480	ug/l	100
24) 1,1-Dichloroethane	3.69	63	176529	56.330	ug/l	99
25) 2-Butanone	4.66	43	386795	261.977	ug/l	96
26) 2,2-Dichloropropane	4.57	77	98217	37.270	ug/l	95
27) cis-1,2-Dichloroethene	4.58	96	113556	56.306	ug/l	96
28) Bromochloromethane	5.00	49	55245	59.069	ug/l	99
29) Tetrahydrofuran	5.11	42	253754	279.294	ug/l	100
30) Chloroform	5.20	83	178727	55.582	ug/l	99
31) Cyclohexane	5.57	56	153096	52.245	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	155959	57.242	ug/l	99
36) 1,1-Dichloropropene	5.79	75	132543	53.195	ug/l	99
37) Ethyl Acetate	4.82	43	185509	66.583	ug/l	100
38) Carbon Tetrachloride	5.77	117	130023	53.613	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	148341	49.092	ug/l	98
40) Benzene	6.14	78	399965	54.350	ug/l	99
41) Methacrylonitrile	5.03	41	81036	52.932	ug/l	98
42) 1,2-Dichloroethane	6.18	62	144723	54.806	ug/l	99
43) Isopropyl Acetate	6.43	43	228225	51.037	ug/l	100
44) Trichloroethene	7.20	130	105838	51.864	ug/l	93
45) 1,2-Dichloropropane	7.51	63	103532	55.200	ug/l	96
46) Dibromomethane	7.65	93	68754	55.020	ug/l	99
47) Bromodichloromethane	7.89	83	136091	55.806	ug/l	98
48) Methyl methacrylate	7.76	41	118042	54.169	ug/l	99
49) 1,4-Dioxane	7.73	88	57659	986.470	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	752694	269.970	ug/l	100
52) Toluene	8.78	92	252251	53.579	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	139750	46.097	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	153129	51.055	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	102739	55.142	ug/l	98
56) Ethyl methacrylate	9.17	69	168844	50.585	ug/l	99
57) 1,3-Dichloropropane	9.37	76	174468	54.134	ug/l	100
59) 2-Hexanone	9.48	43	578106	266.367	ug/l	100
60) Dibromochloromethane	9.57	129	104063	50.183	ug/l	98
61) 1,2-Dibromoethane	9.67	107	107093	54.641	ug/l	100
64) Tetrachloroethene	9.33	164	104008	58.238	ug/l	94
65) Chlorobenzene	10.14	112	264788	51.784	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	97680	55.096	ug/l	100
67) Ethyl Benzene	10.25	91	481463	53.009	ug/l	98
68) m/p-Xylenes	10.35	106	362859	106.940	ug/l	99
69) o-Xylene	10.70	106	175757	53.117	ug/l	100
70) Stvrene	10.71	104	305497	54.309	ug/l	100
71) Bromoform	10.85	173	69887	46.506	ug/l #	100
73) Isopropylbenzene	11.01	105	467013	53.812	ug/l	100
74) N-amyl acetate	10.89	43	187516	50.170	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	157970	54.728	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	175950	67.205	ug/l	76
77) Bromobenzene	11.25	156	108556	53.082	ug/l	97
78) n-propylbenzene	11.35	91	520072	54.460	ug/l	98
79) 2-Chlorotoluene	11.42	91	318720	53.106	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	402849	55.592	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	41575	41.583	ug/l	96
82) 4-Chlorotoluene	11.51	91	367684	53.450	ug/l	100
83) tert-Butylbenzene	11.76	119	384524	54.396	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	402525	54.846	ug/l	100
85) sec-Butylbenzene	11.94	105	440944	53.841	ug/l	99
86) p-Isopropyltoluene	12.06	119	402983	53.055	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	196917	51.851	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	196523	51.095	ug/l	98
89) n-Butylbenzene	12.39	91	335942	52.625	ug/l	99
90) Hexachloroethane	12.59	117	68600	48.816	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	197784	53.123	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	36869	54.496	ug/l	96
93) 1,2,4-Trichlorobenzene	13.64	180	119467	51.224	ug/l	100

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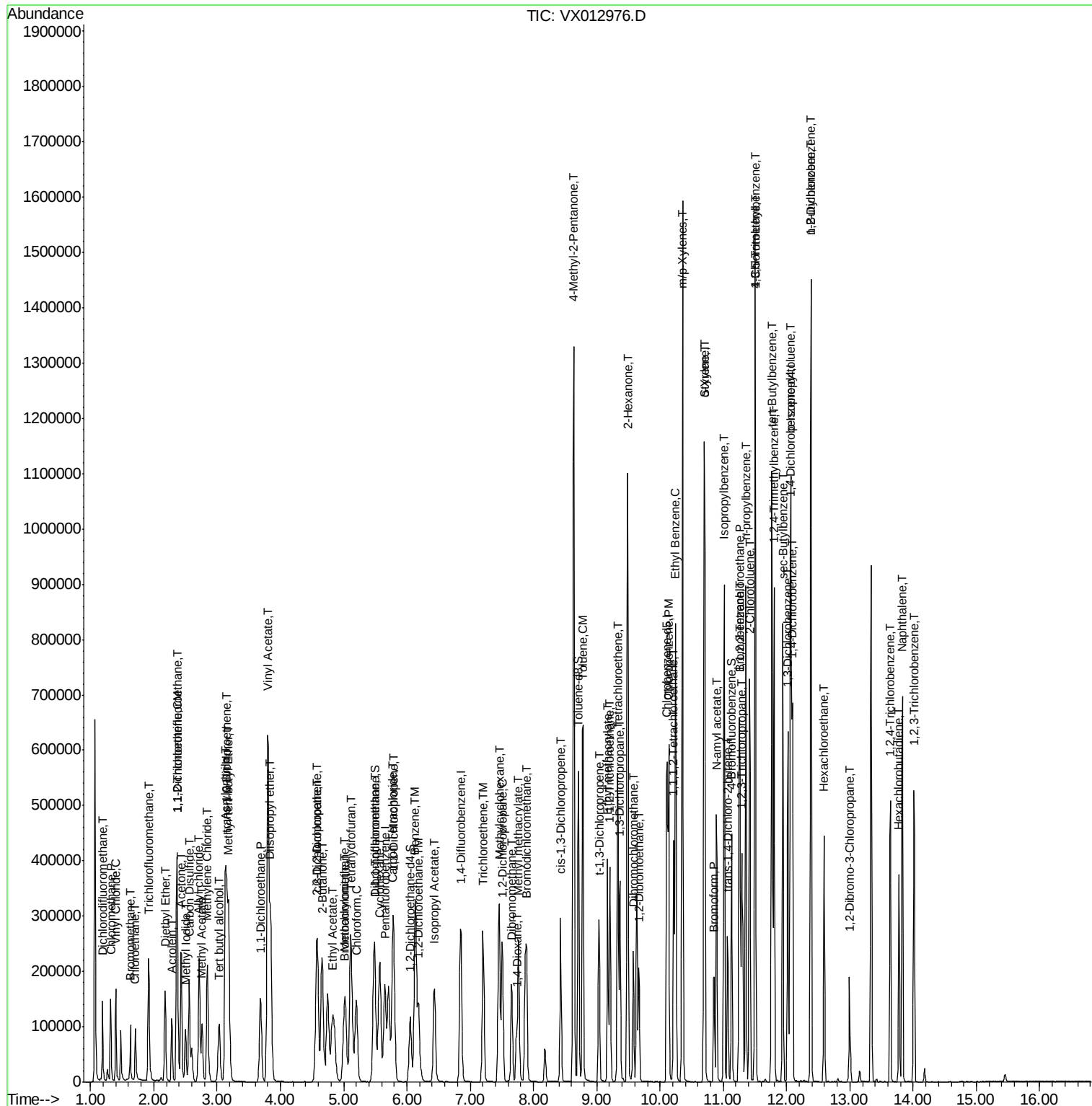
Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW1963MS

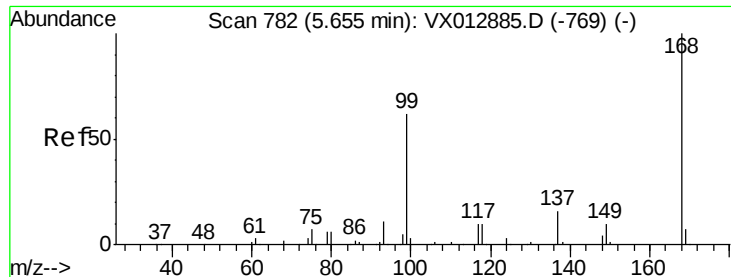
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 09 01:51:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	51967	48.281	ug/l	98
95) Naphthalene	13.83	128	423252	52.352	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	117354	48.692	ug/l	97

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

Quant Time: Oct 10 06:51:56 2019
Quant Method : Z:\VQASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 09 01:51:23 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.00 min

Lab File: VX012976.D

Acq: 10 Oct 2019 05:20

Instrument :

MSVOA_X

ClientSampleId :

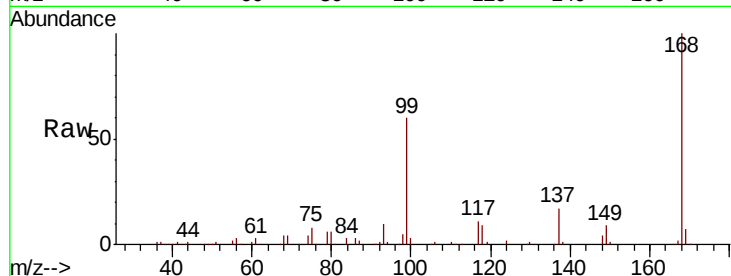
FA19-JMW1963MS

Tot Ion:168 Resp: 161536

Ion Ratio Lower Upper

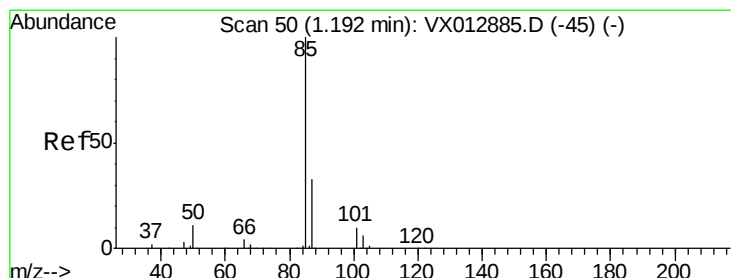
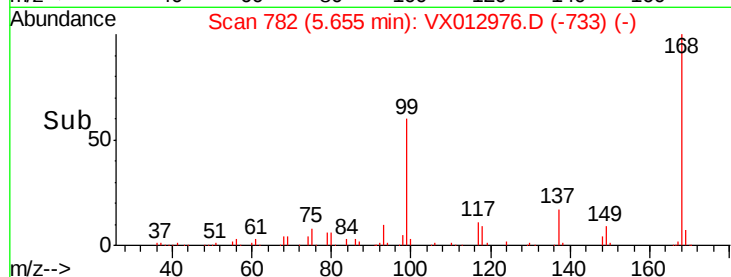
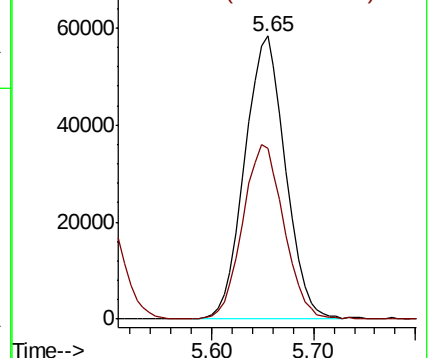
168 100

99 60.3 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: 52.999 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.01 min

Lab File: VX012976.D

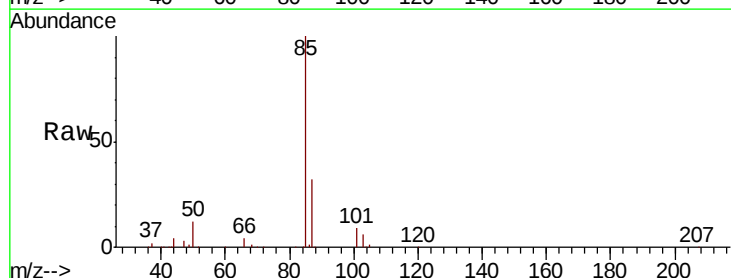
Acq: 10 Oct 2019 05:20

Tgt Ion: 85 Resp: 87267

Ion Ratio Lower Upper

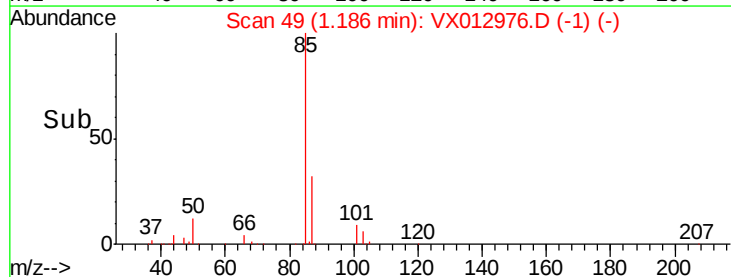
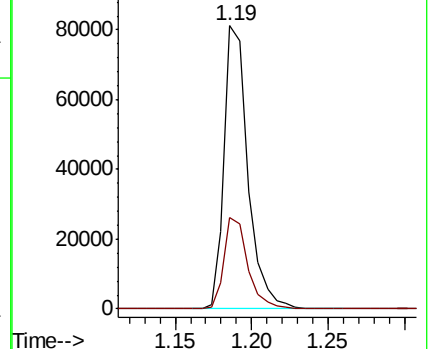
85 100

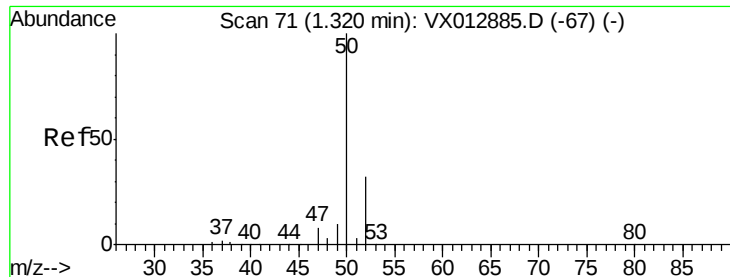
87 32.1 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

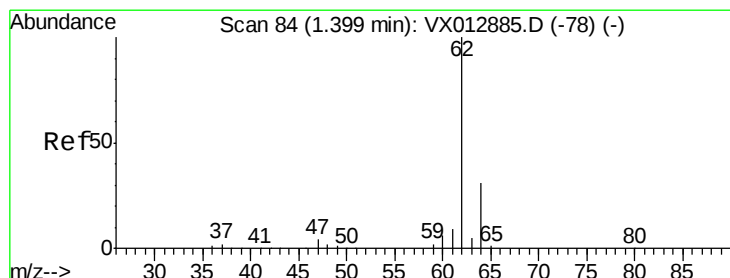
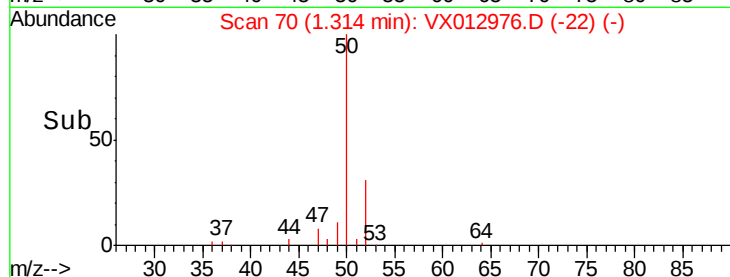
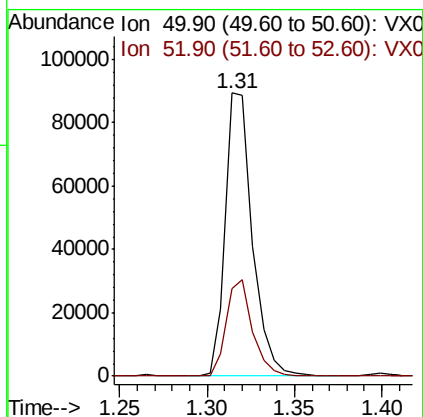
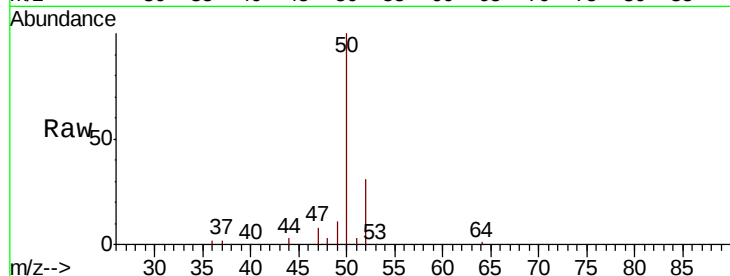




#3
Chloromethane
Concen: 53.996 ug/l
RT: 1.31 min Scan# 70
Delta R.T. -0.01 min
Lab File: VX012976.D
Acq: 10 Oct 2019 05:20

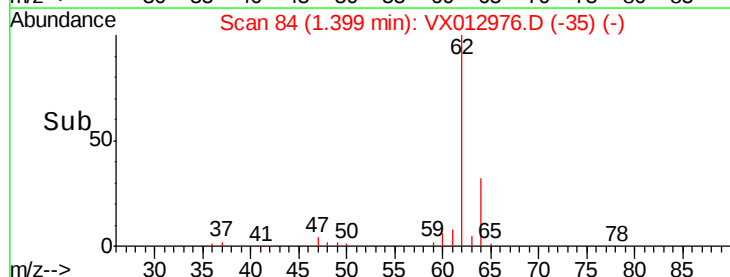
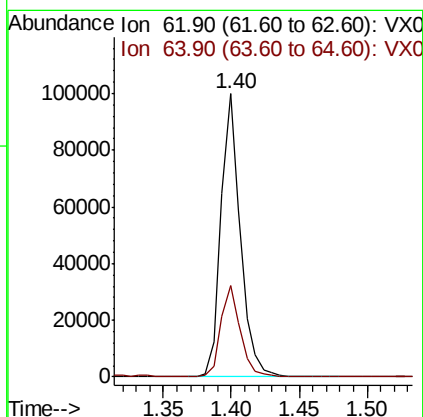
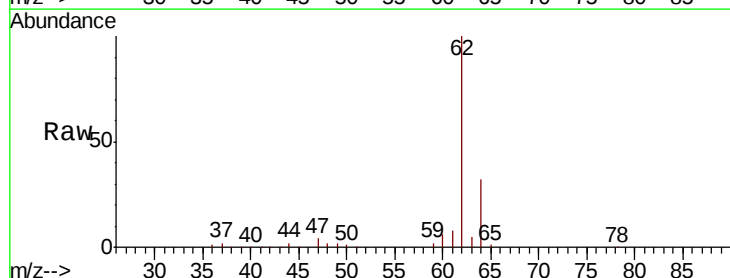
Instrument :
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ClientSampleId :
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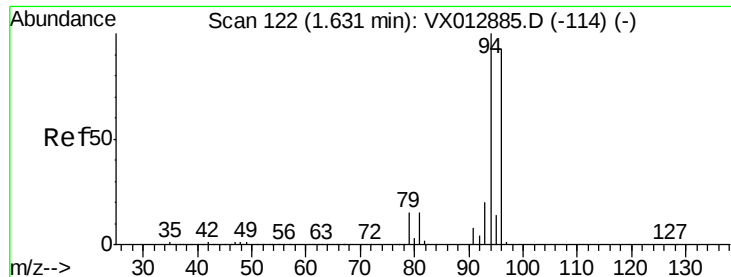
Tot Ion: 50 Resp: 96759
Ion Ratio Lower Upper
50 100
52 30.9 25.2 37.8



#4
Vinyl Chloride
Concen: 53.492 ug/l
RT: 1.40 min Scan# 84
Delta R.T. -0.00 min
Lab File: VX012976.D
Acq: 10 Oct 2019 05:20

Tgt Ion: 62 Resp: 98938
Ion Ratio Lower Upper
62 100
64 32.2 25.3 37.9





#5

Bromomethane

Concen: 44.567 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX012976.D

Acq: 10 Oct 2019 05:20

Instrument :

MSVOA_X

ClientSampleId :

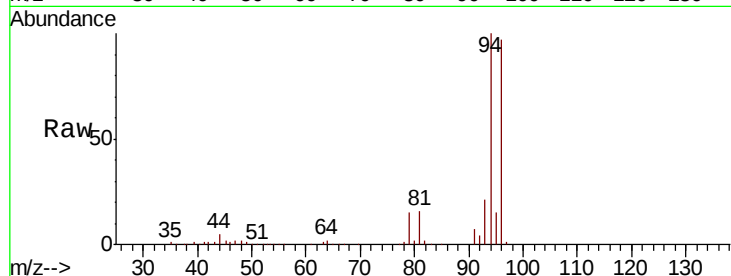
FA19-JMW1963MS

Tot Ion: 94 Resp: 34266

Ion Ratio Lower Upper

94 100

96 97.0 74.7 112.1



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

30000

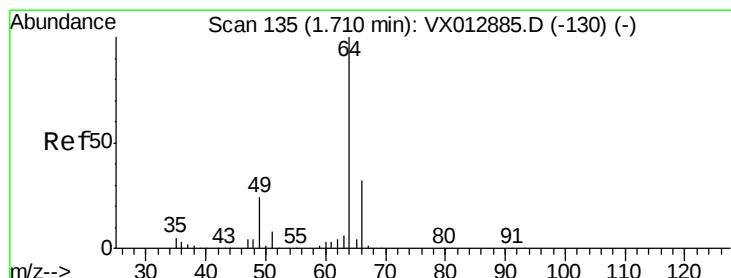
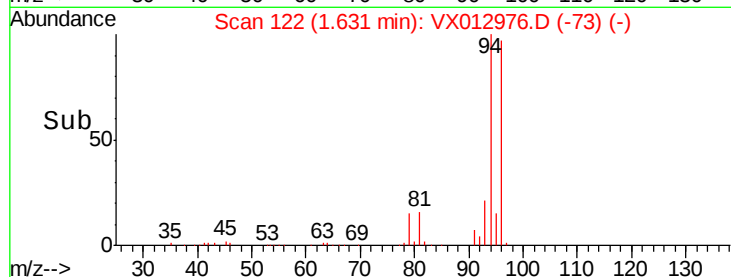
20000

10000

0

Time-->

1.60 1.65 1.70



#6

Chloroethane

Concen: 55.902 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX012976.D

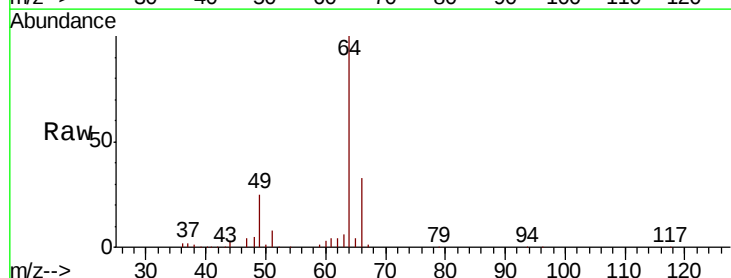
Acq: 10 Oct 2019 05:20

Tgt Ion: 64 Resp: 63207

Ion Ratio Lower Upper

64 100

66 33.6 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

50000

40000

30000

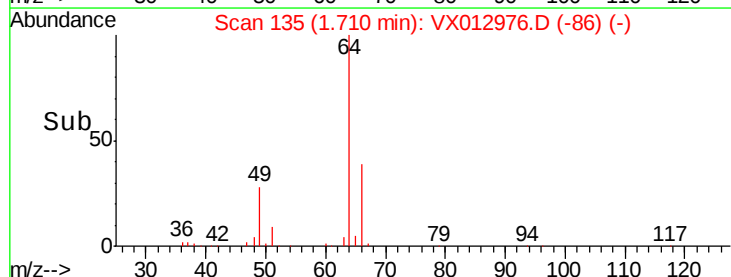
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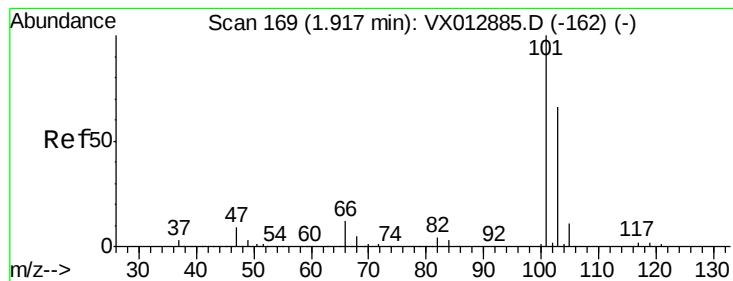
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Time-->

1.60 1.70 1.80



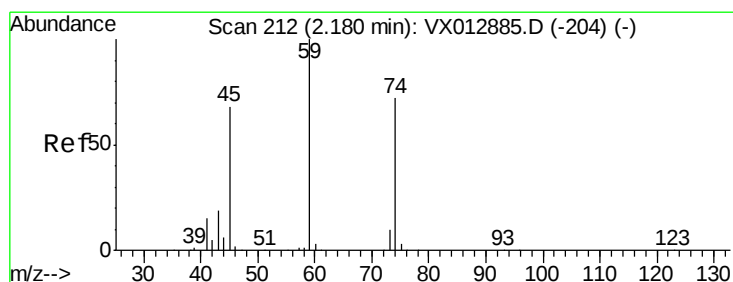
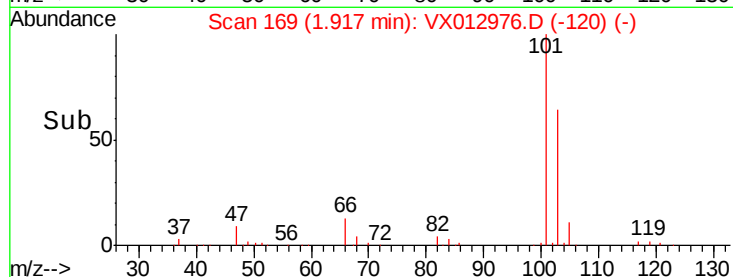
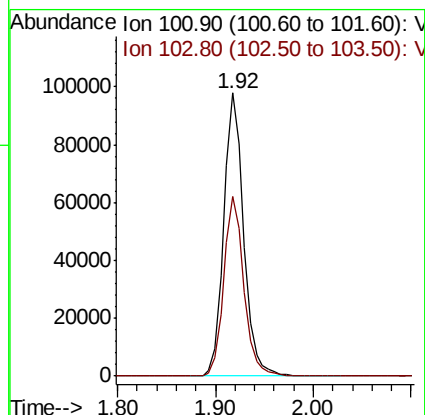
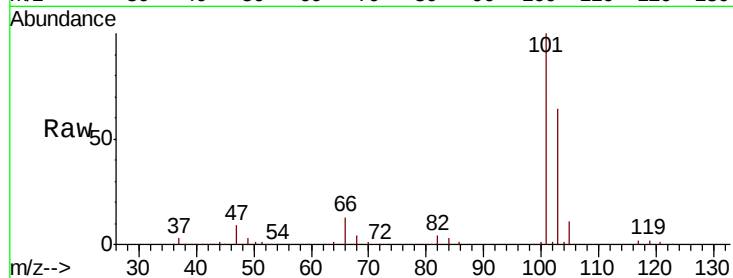


#7

Trichlorofluoromethane
 Concen: 55.181 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. -0.00 min
 Lab File: VX012976.D
 Acq: 10 Oct 2019 05:20

Instrument :
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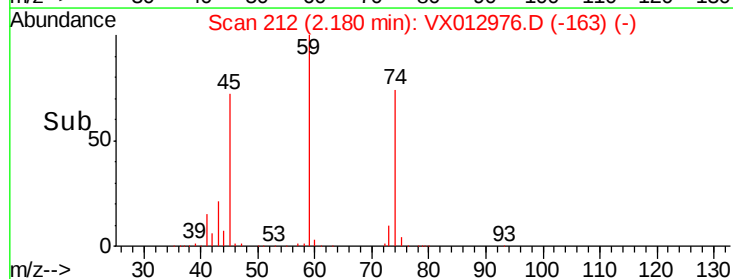
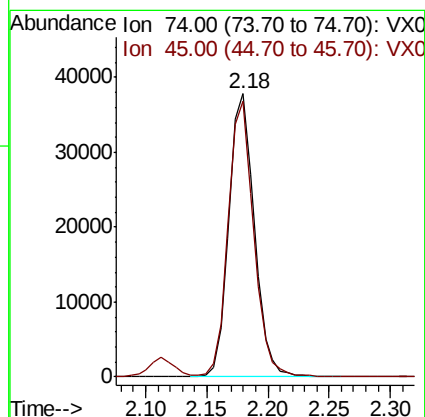
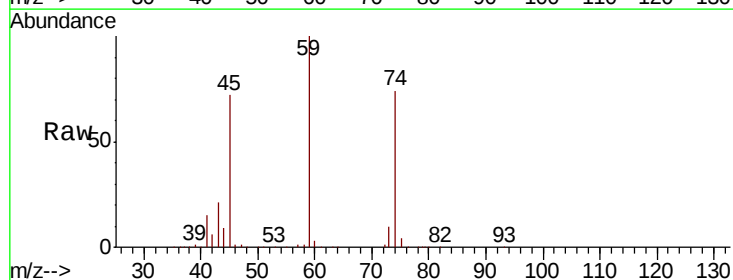
Tot Ion:101 Resp: 137755
 Ion Ratio Lower Upper
 101 100
 103 63.5 52.5 78.7

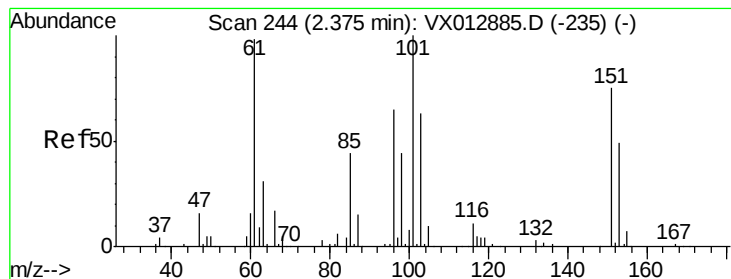


#8

Diethyl Ether
 Concen: 53.957 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX012976.D
 Acq: 10 Oct 2019 05:20

Tgt Ion: 74 Resp: 54370
 Ion Ratio Lower Upper
 74 100
 45 97.2 47.8 143.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.271 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX012976.D

Acq: 10 Oct 2019 05:20

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW1963MS

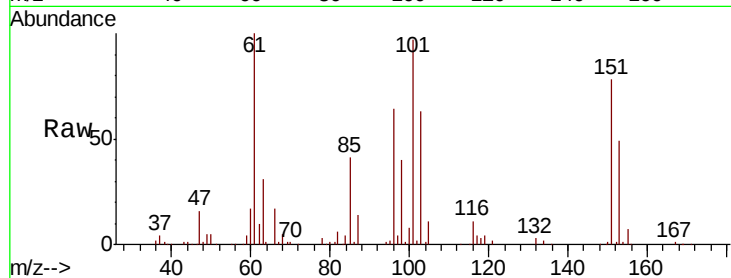
Tot Ion:101 Resp: 84452

Ion Ratio Lower Upper

101 100

85 42.8 35.2 52.8

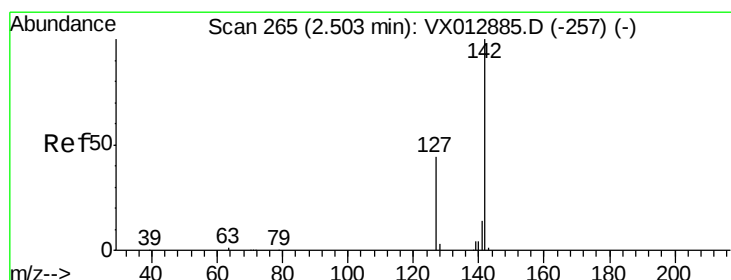
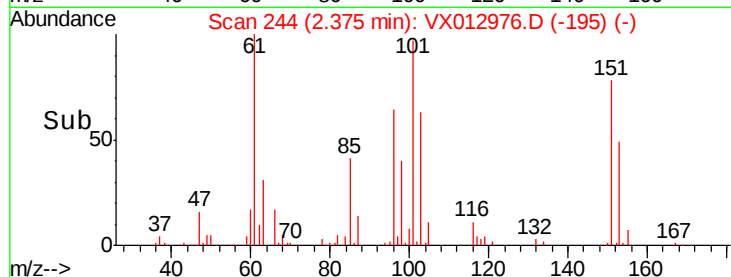
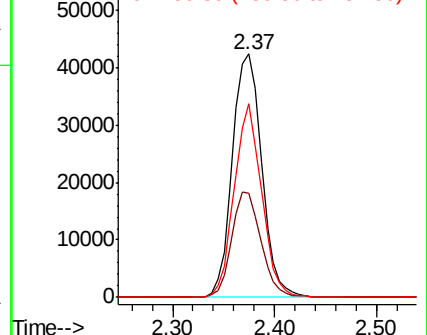
151 74.1 60.3 90.5



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: 53.058 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX012976.D

Acq: 10 Oct 2019 05:20

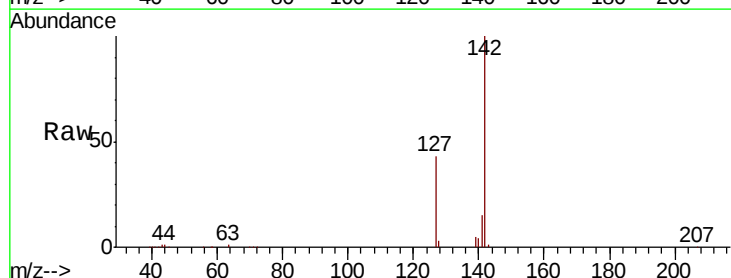
Tgt Ion:142 Resp: 97749

Ion Ratio Lower Upper

142 100

127 43.9 34.9 52.3

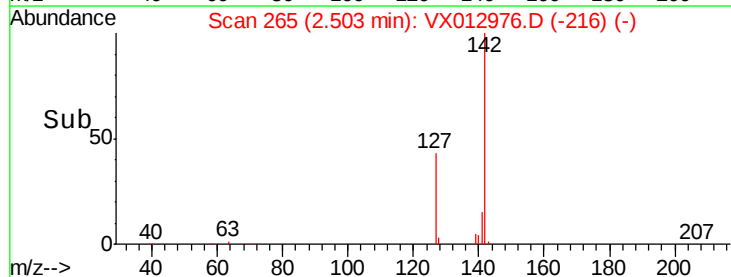
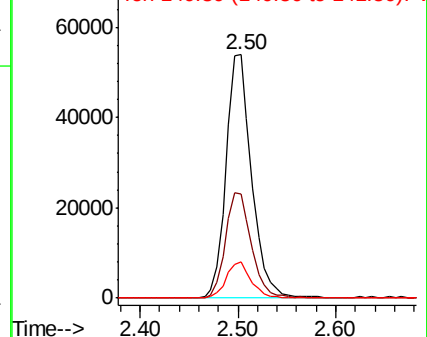
141 14.2 11.6 17.4

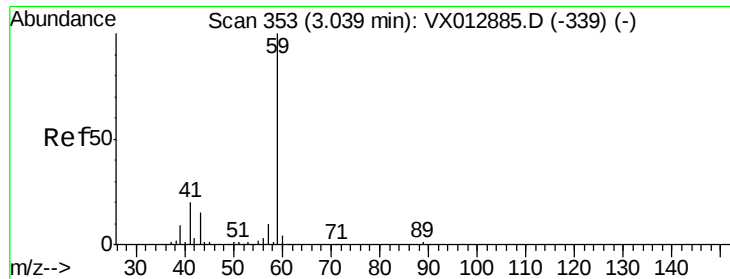


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

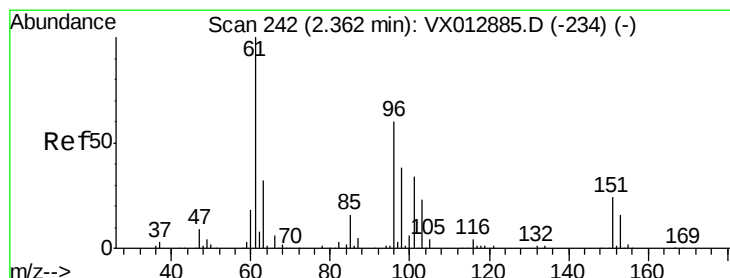
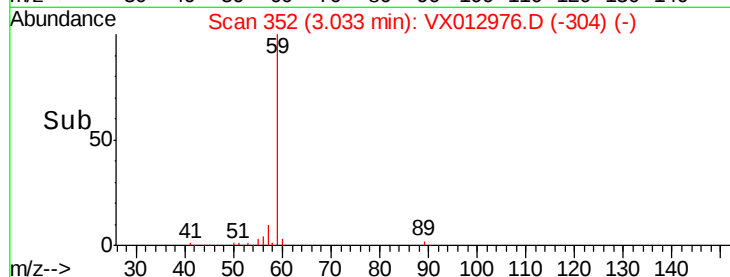
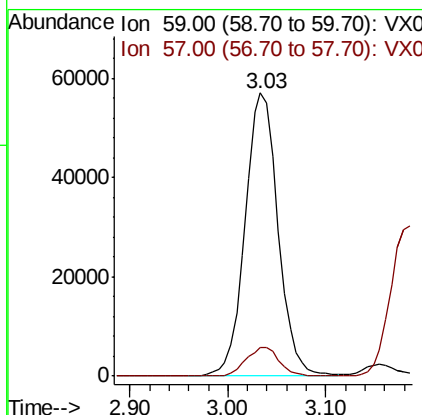
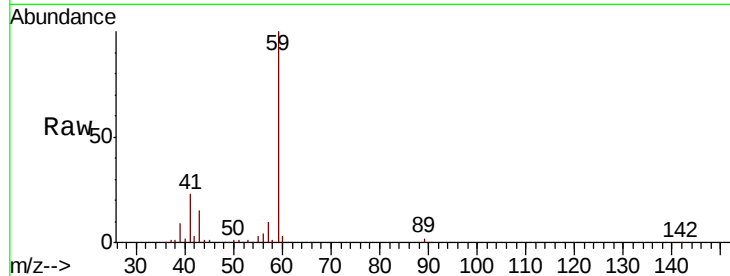




#11
Tert butyl alcohol
Concen: 249.484 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX012976.D
Acq: 10 Oct 2019 05:20

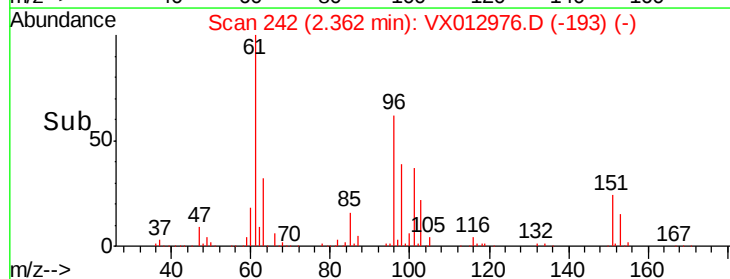
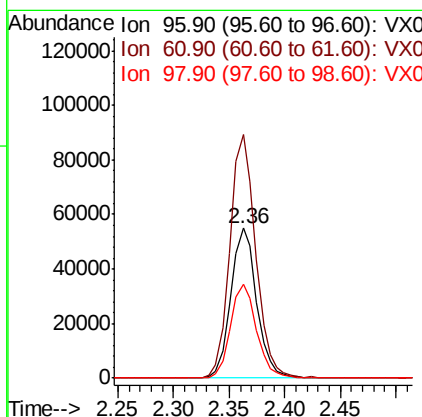
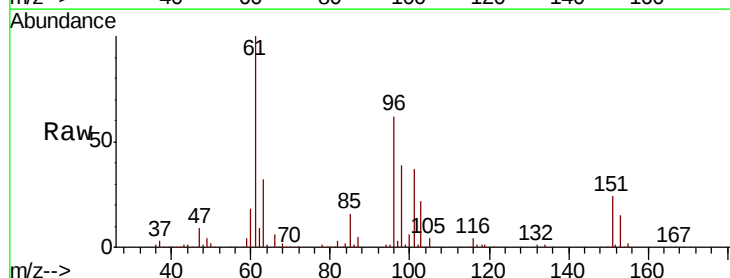
Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW1963MS

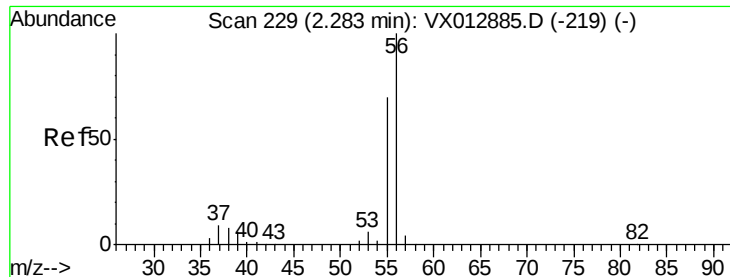
Tot Ion: 59 Resp: 133528
Ion Ratio Lower Upper
59 100
57 10.2 8.3 12.5



#12
1,1-Dichloroethene
Concen: 54.216 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX012976.D
Acq: 10 Oct 2019 05:20

Tgt Ion: 96 Resp: 88502
Ion Ratio Lower Upper
96 100
61 162.5 132.2 198.4
98 62.8 50.5 75.7





#13

Acrolein

Concen: 218.117 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX012976.D

Acq: 10 Oct 2019 05:20

Instrument :

MSVOA_X

ClientSampleId :

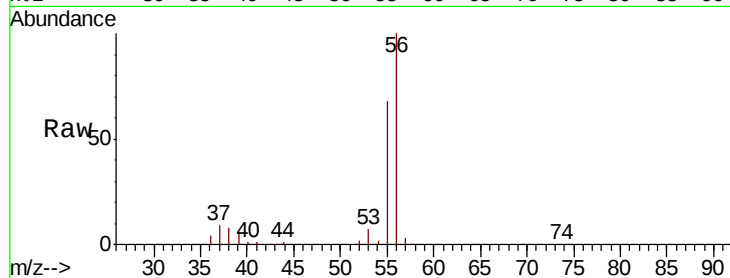
FA19-JMW1963MS

Tot Ion: 56 Resp: 82962

Ion Ratio Lower Upper

56 100

55 69.2 56.6 85.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.28

60000

50000

40000

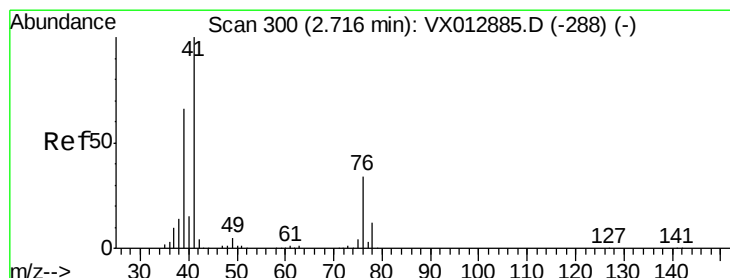
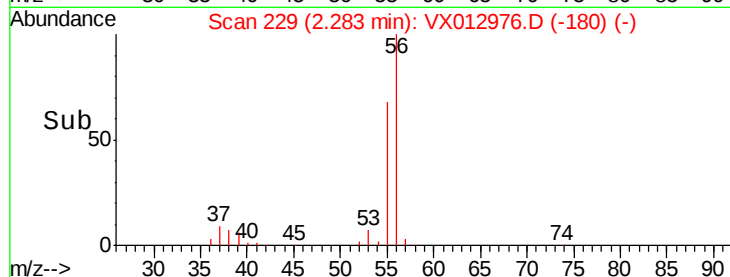
30000

20000

10000

0

Time-->



#14

Allyl chloride

Concen: 52.421 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX012976.D

Acq: 10 Oct 2019 05:20

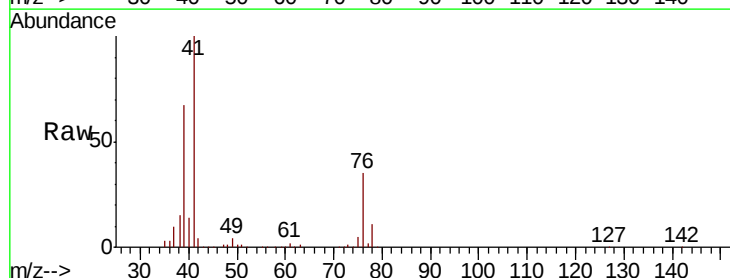
Tgt Ion: 41 Resp: 152391

Ion Ratio Lower Upper

41 100

39 63.1 51.0 76.6

76 32.5 26.2 39.4



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

100000

80000

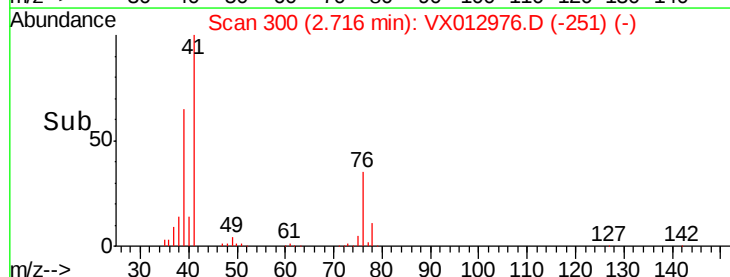
60000

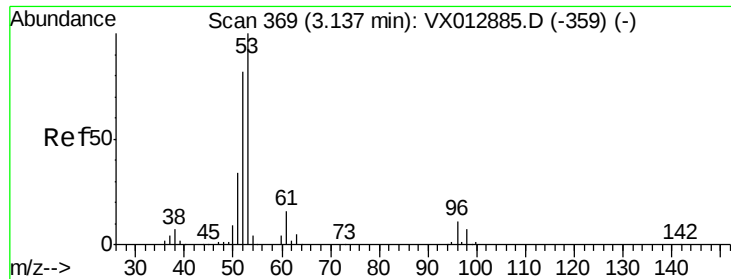
40000

20000

0

Time-->





#15

Acrylonitrile

Concen: 280.028 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.01 min

Lab File: VX012976.D

Acq: 10 Oct 2019 05:20

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW1963MS

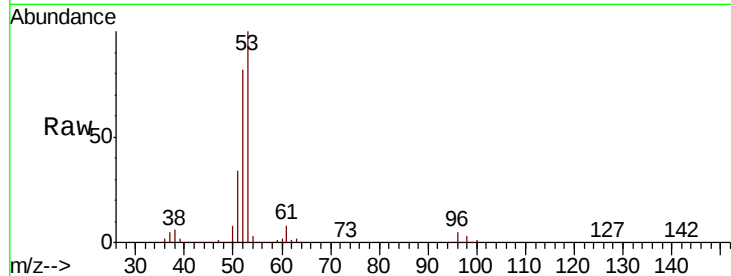
Tot Ion: 53 Resp: 284025

Ion Ratio Lower Upper

53 100

52 82.3 66.2 99.2

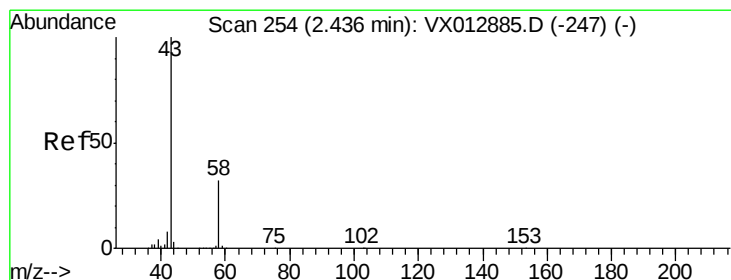
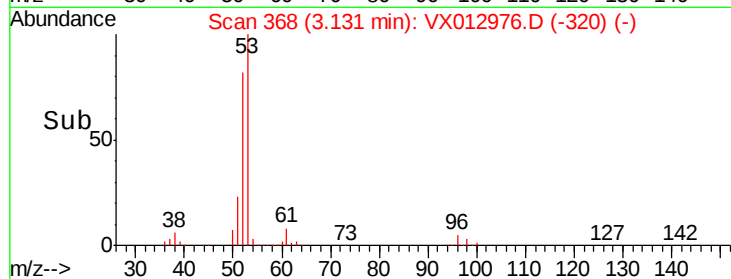
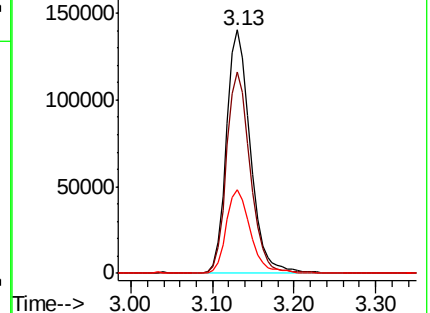
51 35.4 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 234.467 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX012976.D

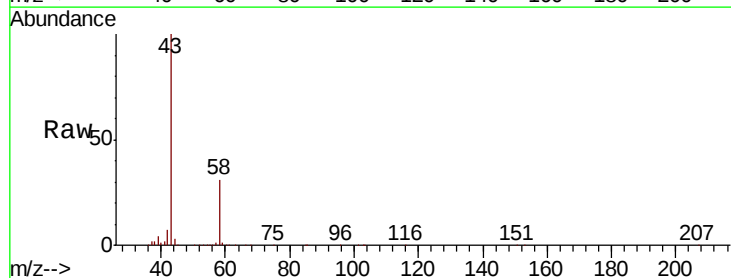
Acq: 10 Oct 2019 05:20

Tgt Ion: 43 Resp: 249522

Ion Ratio Lower Upper

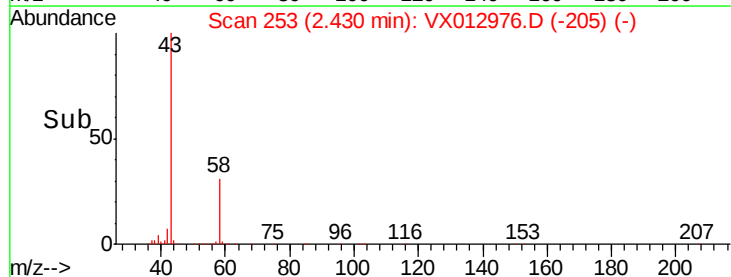
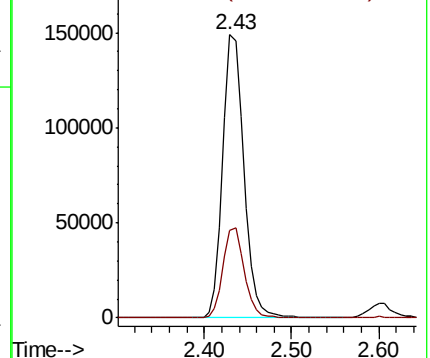
43 100

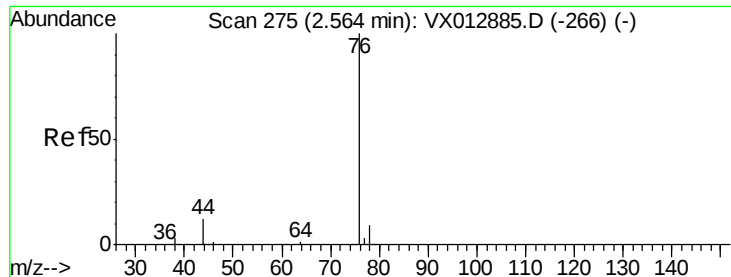
58 31.1 25.4 38.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

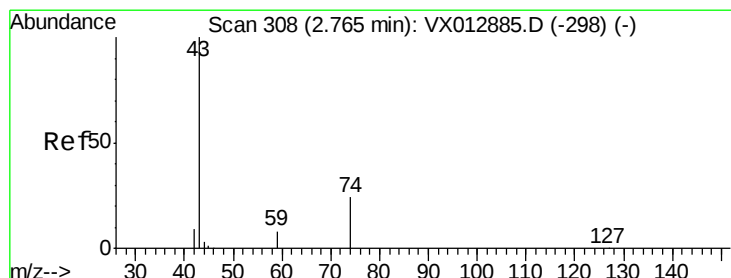
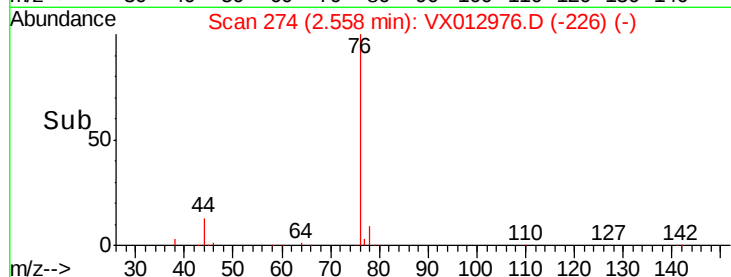
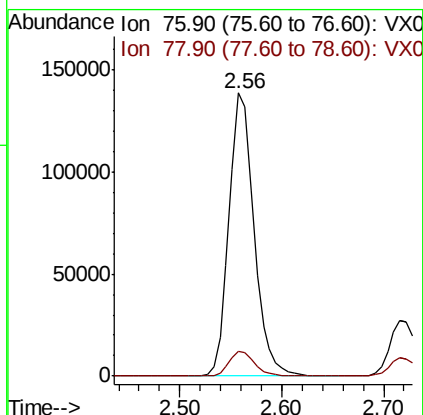
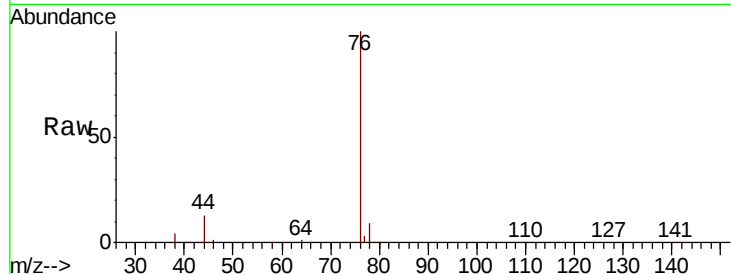




#17
Carbon Disulfide
Concen: 50.683 ug/l
RT: 2.56 min Scan# 274
Delta R.T. -0.01 min
Lab File: VX012976.D
Acq: 10 Oct 2019 05:20

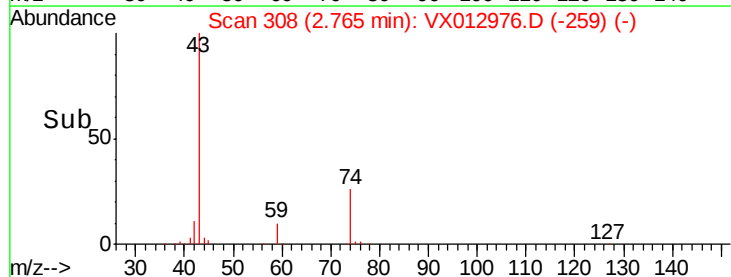
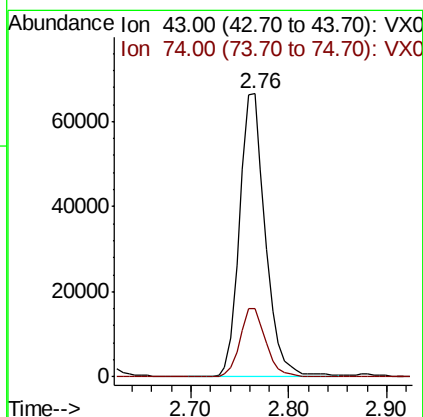
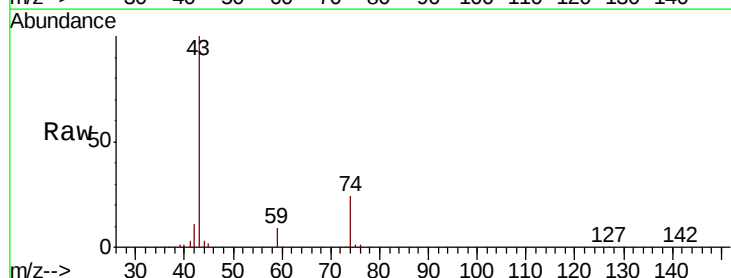
Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW1963MS

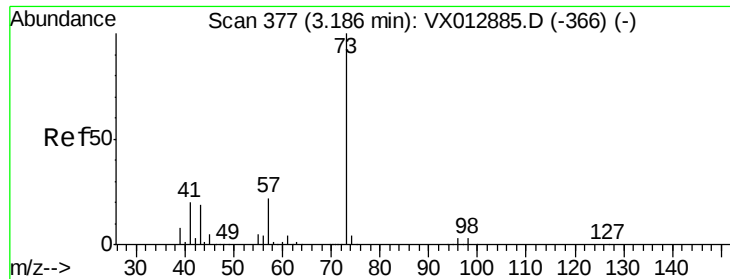
Tot Ion: 76 Resp: 235909
Ion Ratio Lower Upper
76 100
78 8.6 7.1 10.7



#18
Methyl Acetate
Concen: 48.252 ug/l
RT: 2.76 min Scan# 308
Delta R.T. -0.00 min
Lab File: VX012976.D
Acq: 10 Oct 2019 05:20

Tgt Ion: 43 Resp: 121715
Ion Ratio Lower Upper
43 100
74 24.7 19.2 28.8

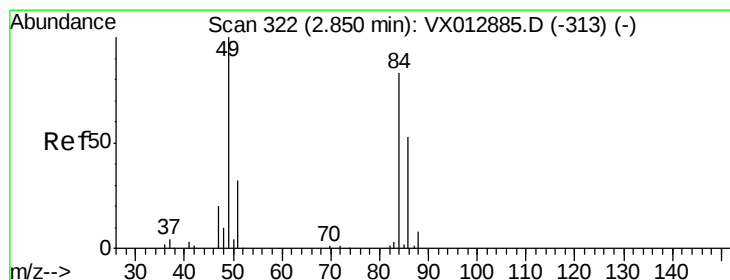
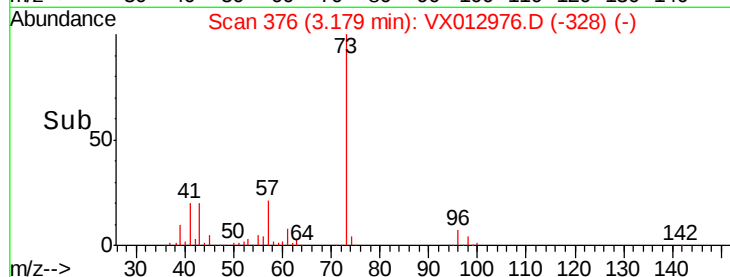
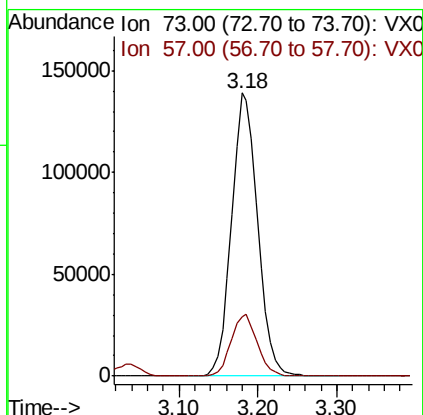
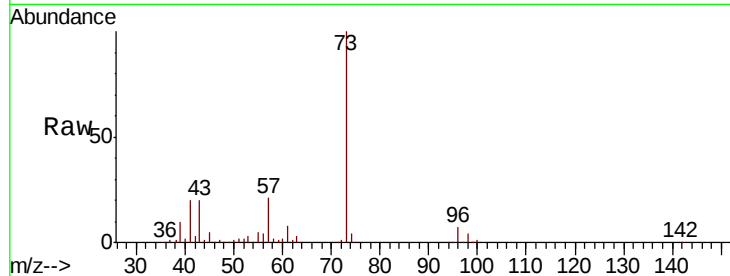




#19
Methvl tert-butvl Ether
Concen: 56.693 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX012976.D
Acq: 10 Oct 2019 05:20

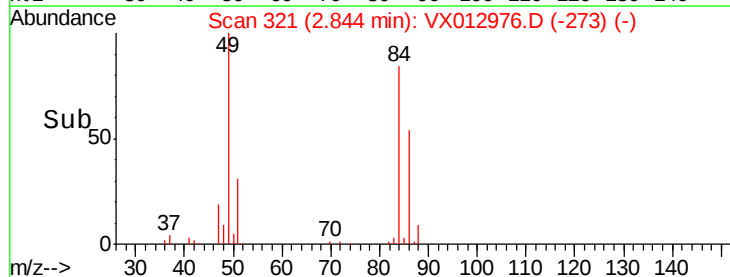
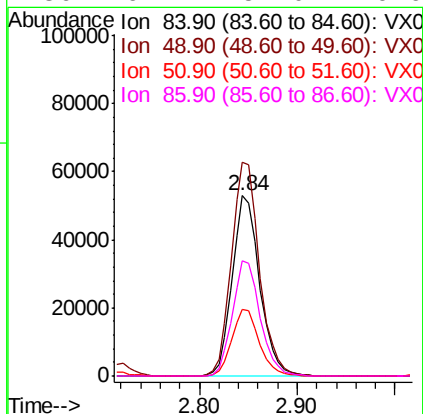
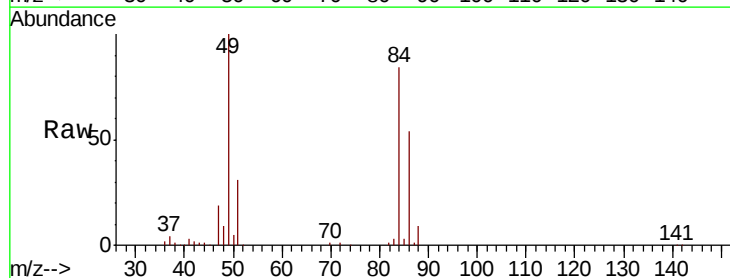
Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW1963MS

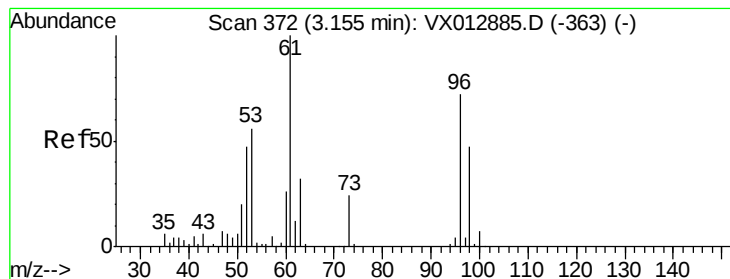
Tot Ion: 73 Resp: 319593
Ion Ratio Lower Upper
73 100
57 21.2 17.8 26.6



#20
Methylene Chloride
Concen: 52.826 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX012976.D
Acq: 10 Oct 2019 05:20

Tgt Ion: 84 Resp: 103317
Ion Ratio Lower Upper
84 100
49 118.6 96.6 144.8
51 37.2 30.7 46.1
86 64.1 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 55.163 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX012976.D

Acq: 10 Oct 2019 05:20

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW1963MS

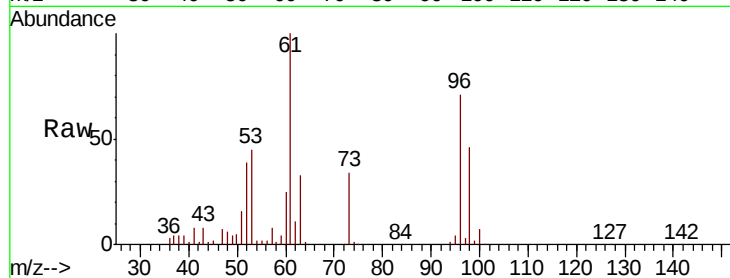
Tot Ion: 96 Resp: 96516

Ion Ratio Lower Upper

96 100

61 141.0 110.4 165.6

98 64.3 51.5 77.3

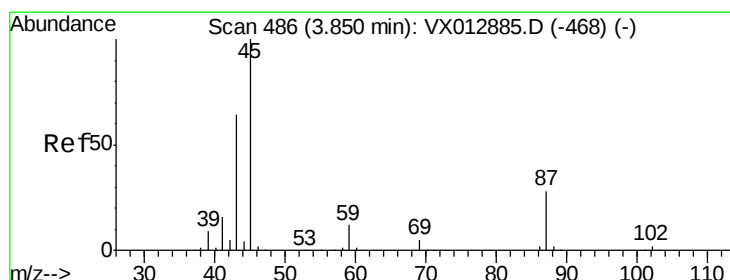
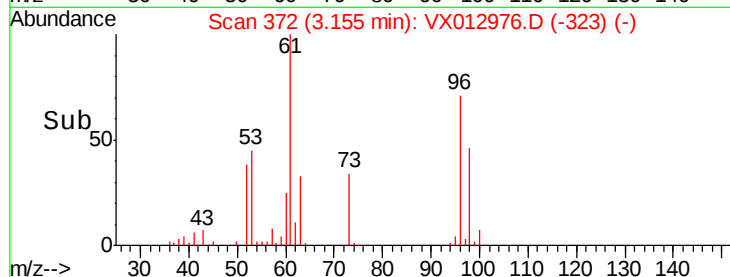
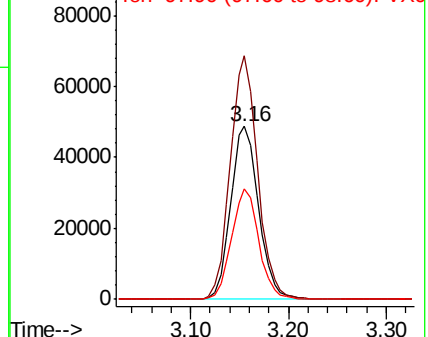


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 56.626 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.01 min

Lab File: VX012976.D

Acq: 10 Oct 2019 05:20

Tgt Ion: 45 Resp: 315439

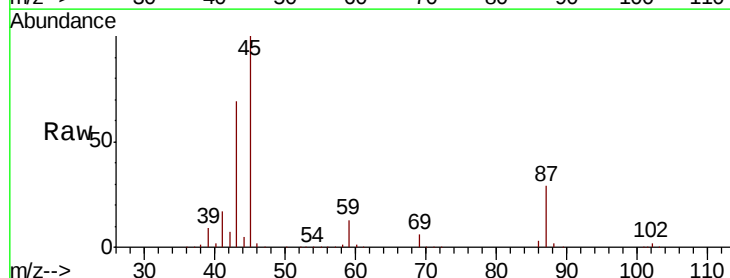
Ion Ratio Lower Upper

45 100

43 69.3 51.4 77.0

87 29.4 22.5 33.7

59 13.1 9.7 14.5



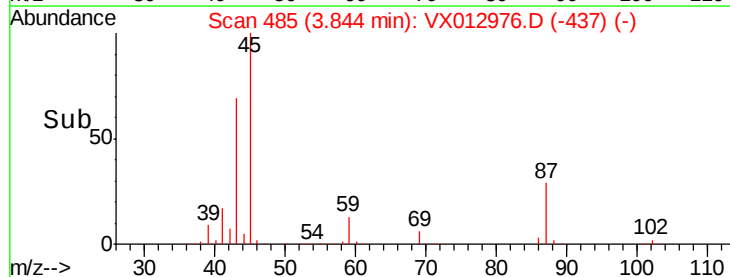
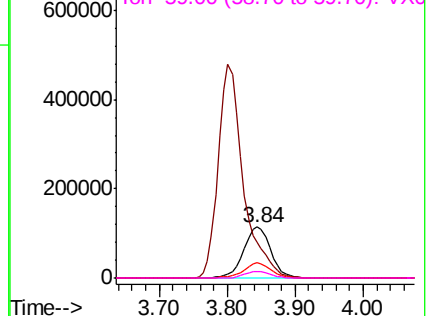
Abundance

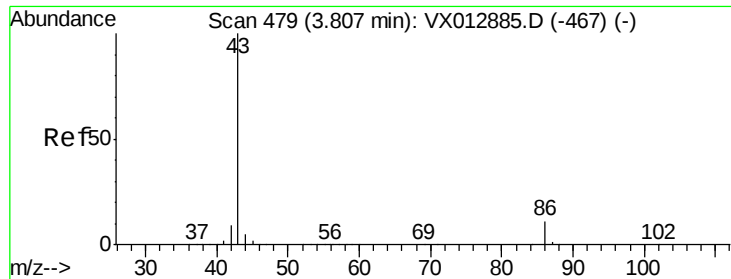
Ion 45.00 (44.70 to 45.70): VX0

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: 255.480 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX012976.D

Acq: 10 Oct 2019 05:20

Instrument :

MSVOA_X

ClientSampleId :

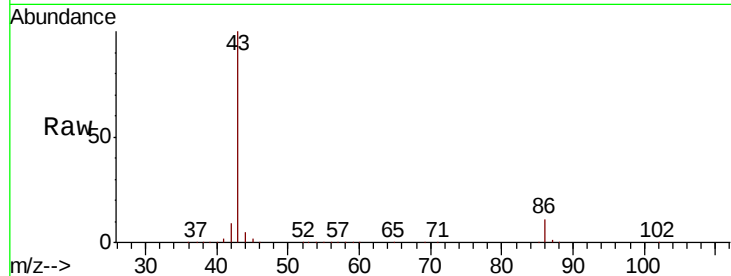
FA19-JMW1963MS

Tot Ion: 43 Resp: 1228570

Ion Ratio Lower Upper

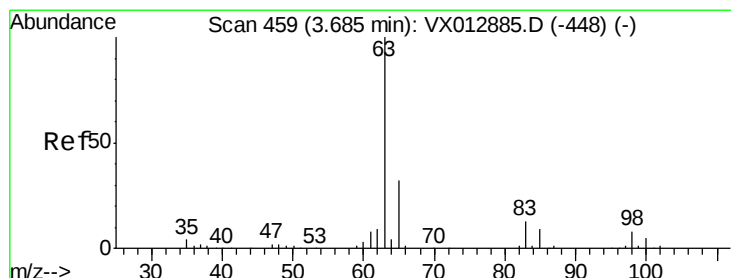
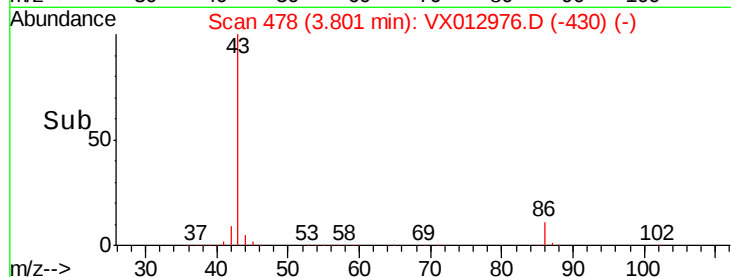
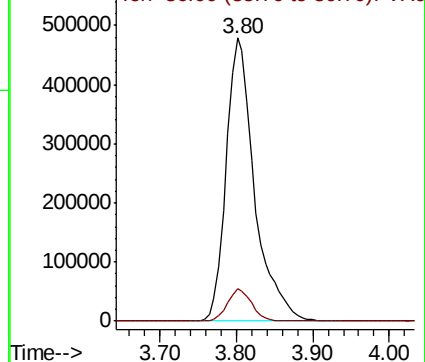
43 100

86 11.3 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 56.330 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX012976.D

Acq: 10 Oct 2019 05:20

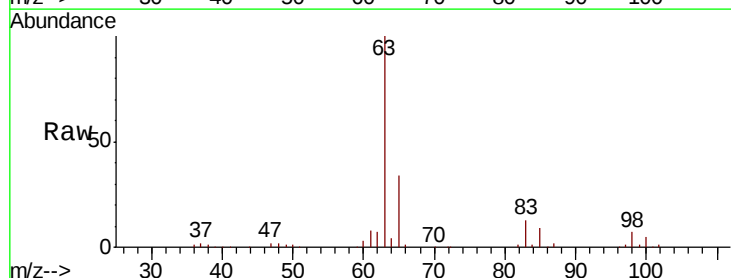
Tgt Ion: 63 Resp: 176529

Ion Ratio Lower Upper

63 100

98 7.1 3.9 11.5

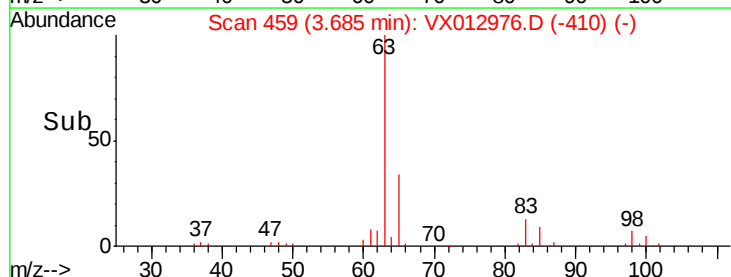
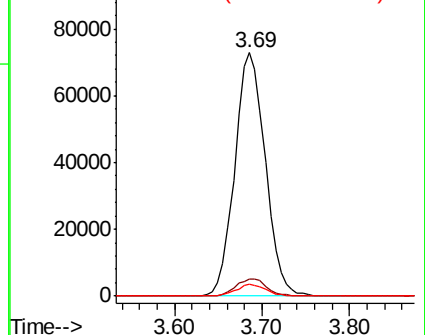
100 4.7 2.3 6.9

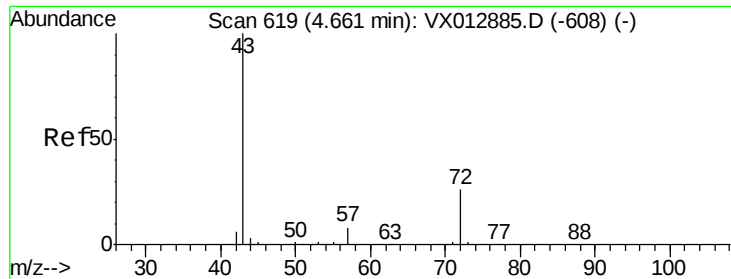


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 261.977 ug/l

RT: 4.66 min Scan# 619

Delta R.T. -0.00 min

Lab File: VX012976.D

Acq: 10 Oct 2019 05:20

Instrument :

MSVOA_X

ClientSampleId :

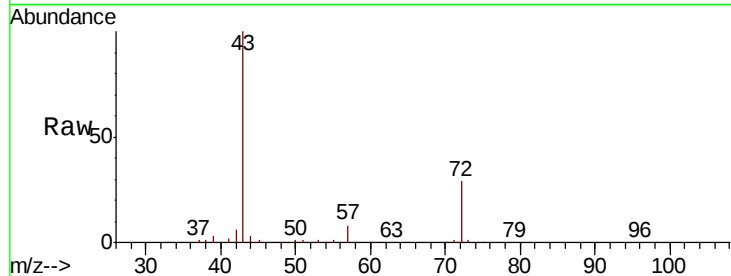
FA19-JMW1963MS

Tot Ion: 43 Resp: 386795

Ion Ratio Lower Upper

43 100

72 28.4 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

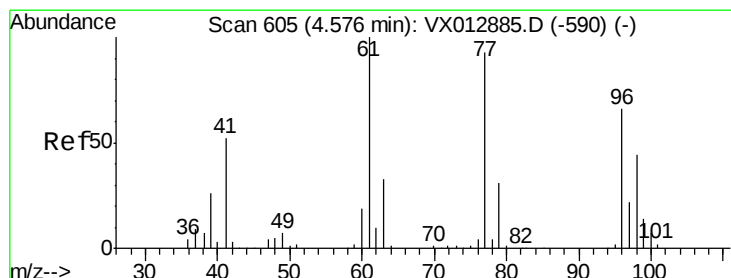
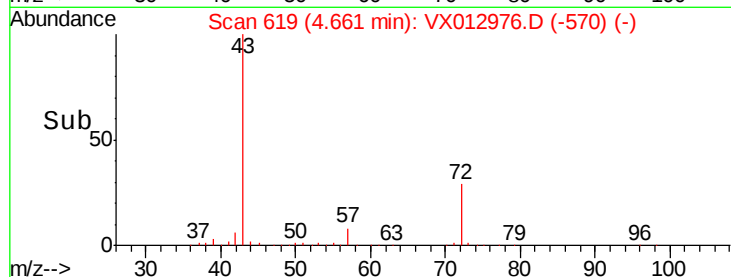
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 37.270 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX012976.D

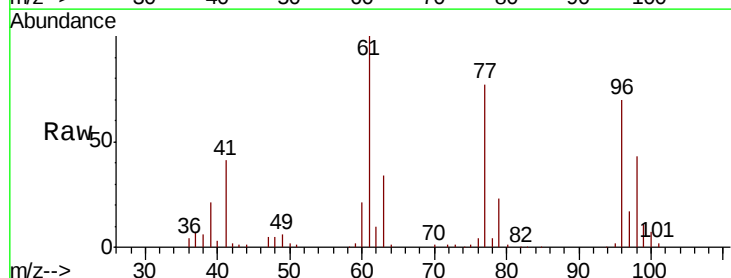
Acq: 10 Oct 2019 05:20

Tgt Ion: 77 Resp: 98217

Ion Ratio Lower Upper

77 100

97 24.8 11.3 33.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

30000

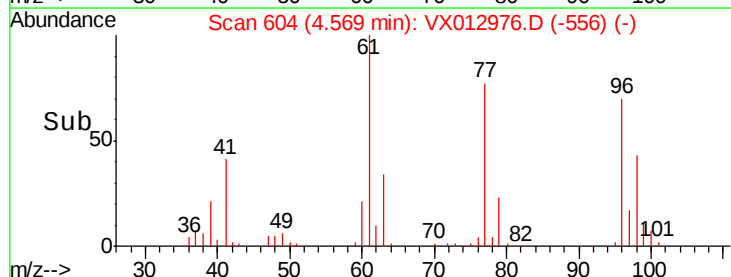
20000

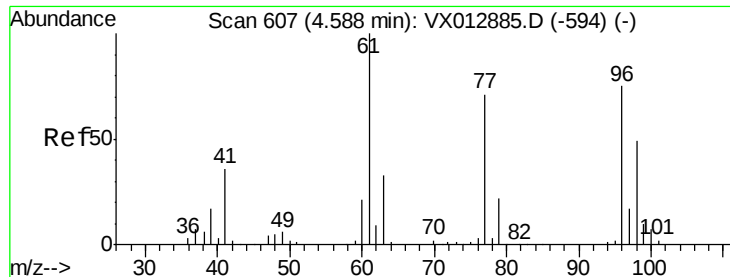
10000

0

4.40 4.50 4.60 4.70

Time-->



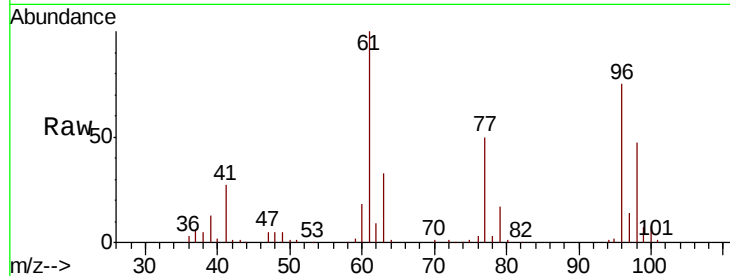


#27

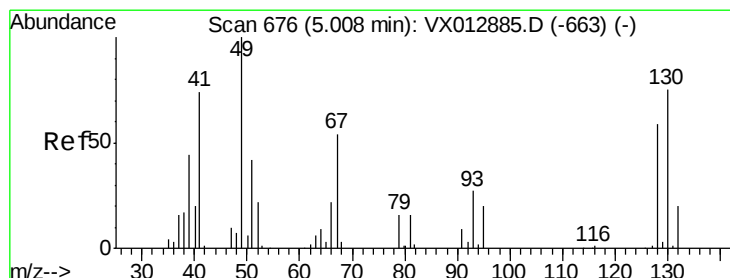
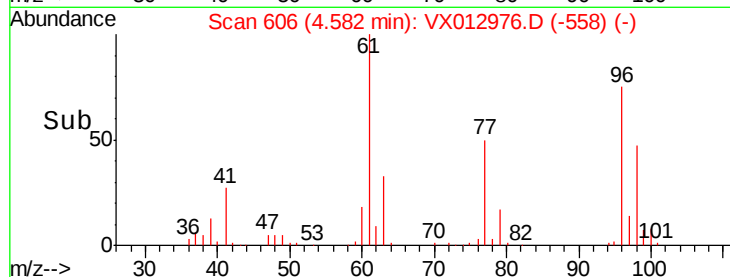
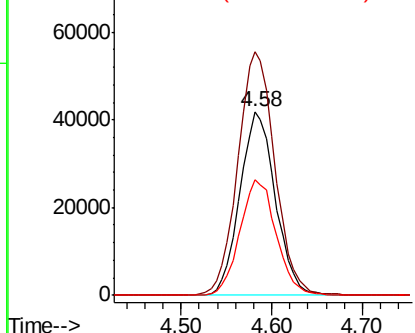
cis-1,2-Dichloroethene
Concen: 56.306 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX012976.D
Acq: 10 Oct 2019 05:20

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW1963MS

Tot Ion: 96 Resp: 113556
Ion Ratio Lower Upper
96 100
61 138.7 0.0 290.6
98 64.0 0.0 128.8



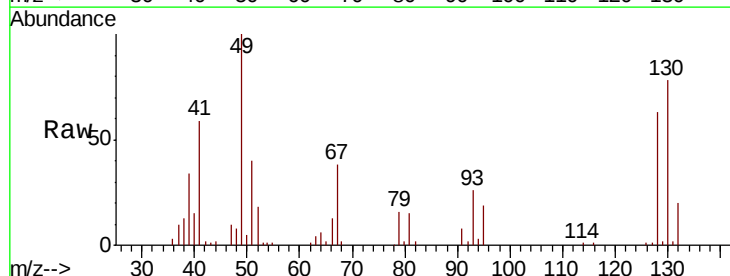
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



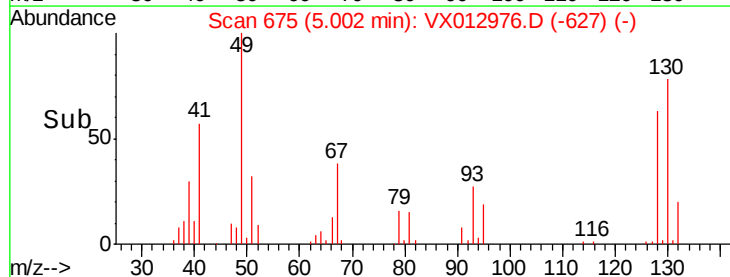
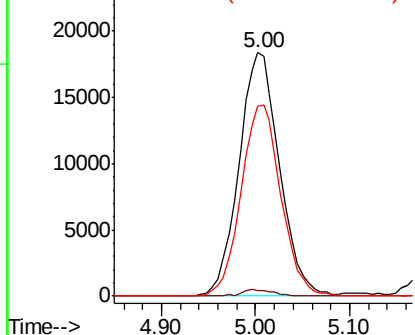
#28

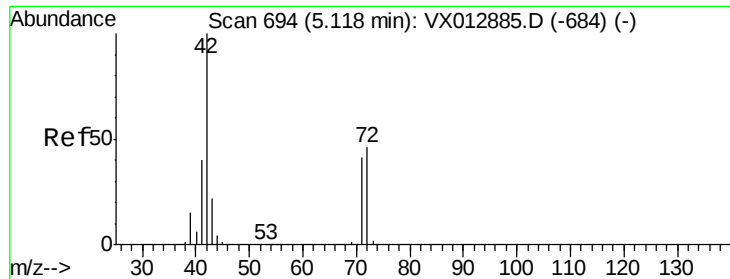
Bromochloromethane
Concen: 59.069 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX012976.D
Acq: 10 Oct 2019 05:20

Tgt Ion: 49 Resp: 55245
Ion Ratio Lower Upper
49 100
129 2.2 0.0 4.2
130 76.9 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

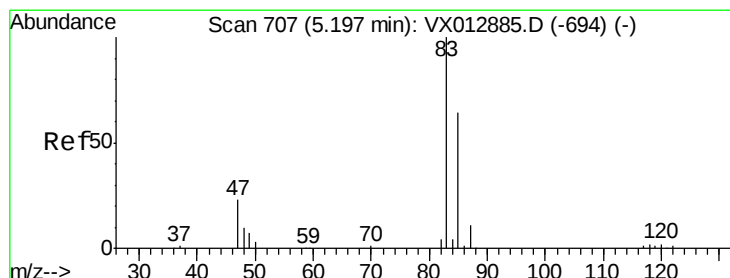
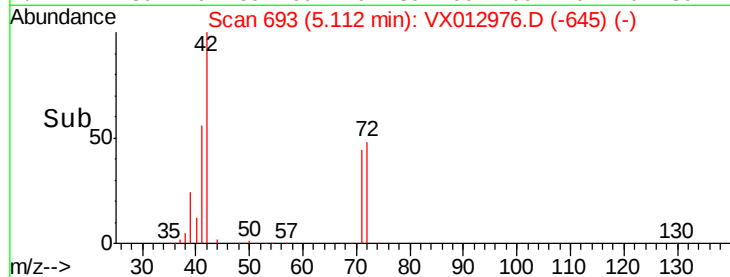
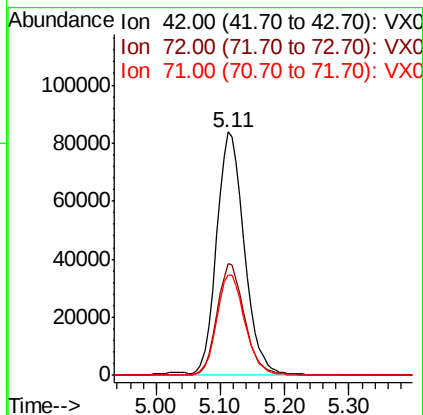
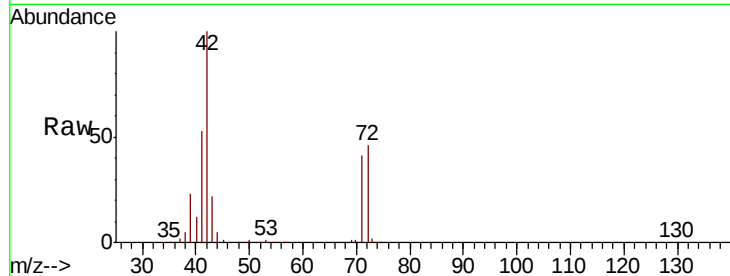




#29
Tetrahydrofuran
Concen: 279.294 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX012976.D
Acq: 10 Oct 2019 05:20

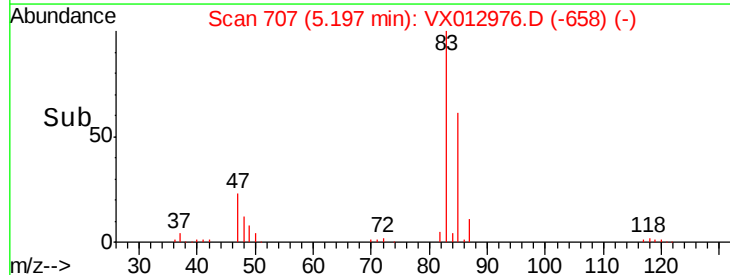
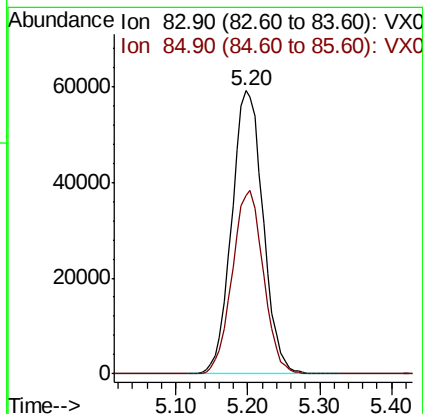
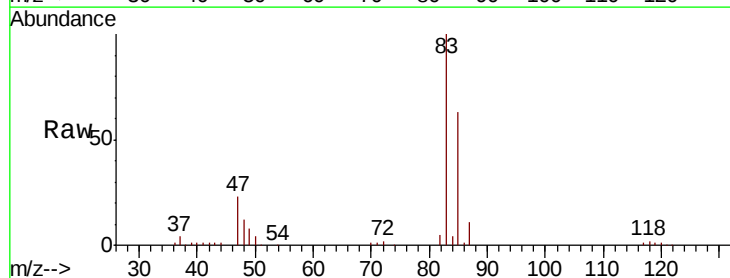
Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW1963MS

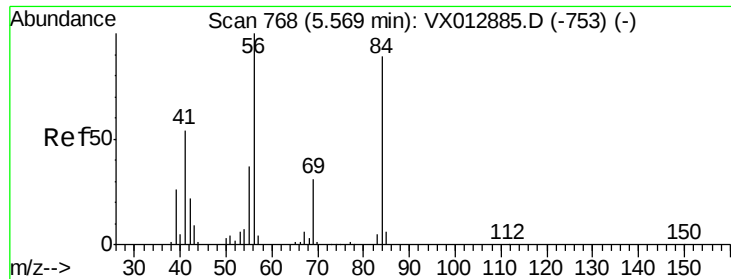
Tot Ion: 42 Resp: 253754
Ion Ratio Lower Upper
42 100
72 45.9 36.9 55.3
71 42.2 33.5 50.3



#30
Chloroform
Concen: 55.582 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX012976.D
Acq: 10 Oct 2019 05:20

Tgt Ion: 83 Resp: 178727
Ion Ratio Lower Upper
83 100
85 63.2 51.5 77.3

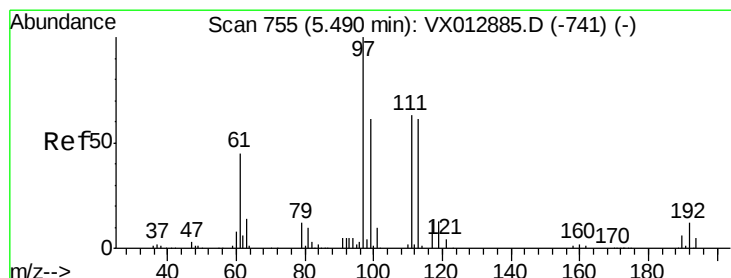
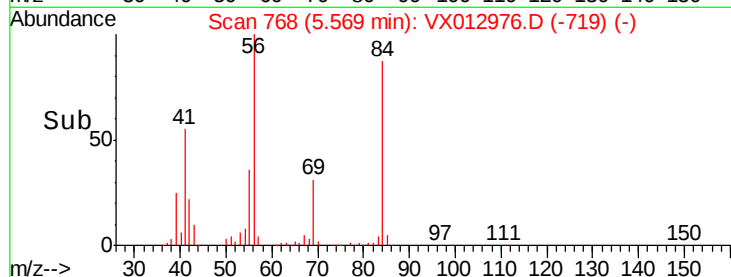
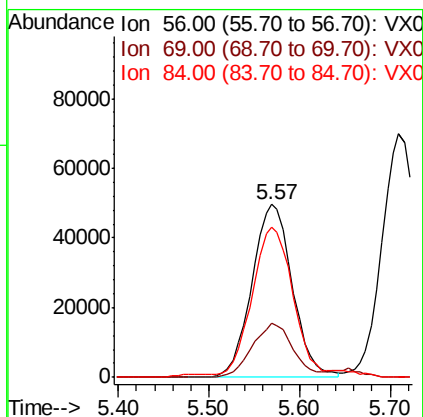
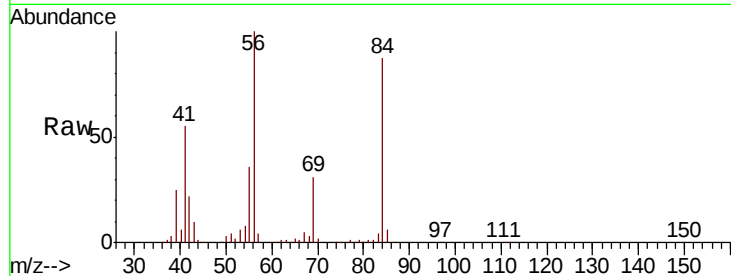




#31
Cyclohexane
Concen: 52.245 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX012976.D
Acq: 10 Oct 2019 05:20

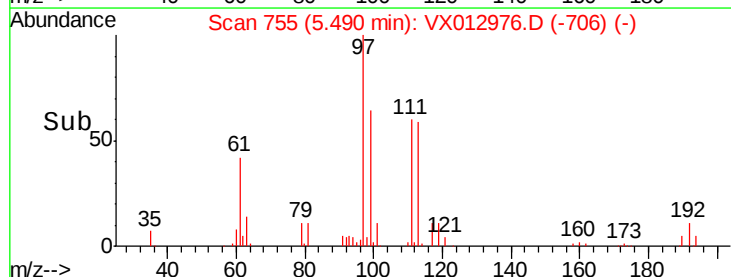
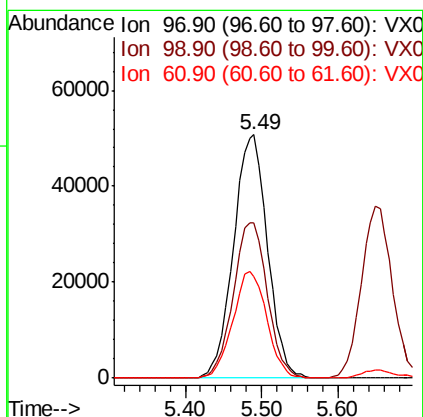
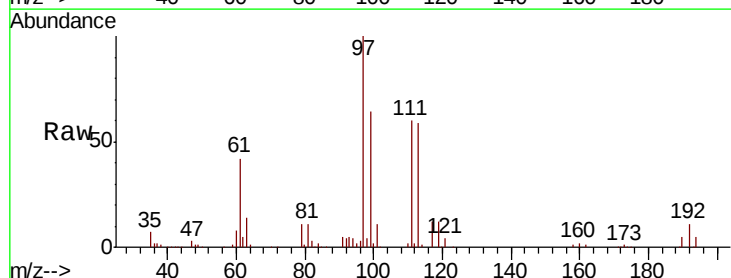
Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW1963MS

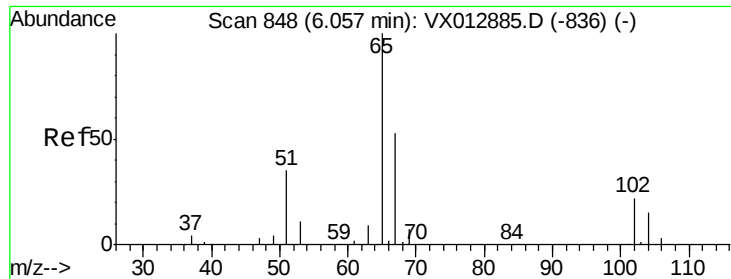
Tot Ion: 56 Resp: 153096
Ion Ratio Lower Upper
56 100
69 31.3 25.2 37.8
84 85.5 71.3 106.9



#32
1,1,1-Trichloroethane
Concen: 57.242 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX012976.D
Acq: 10 Oct 2019 05:20

Tgt Ion: 97 Resp: 155959
Ion Ratio Lower Upper
97 100
99 64.1 52.3 78.5
61 44.0 35.0 52.4

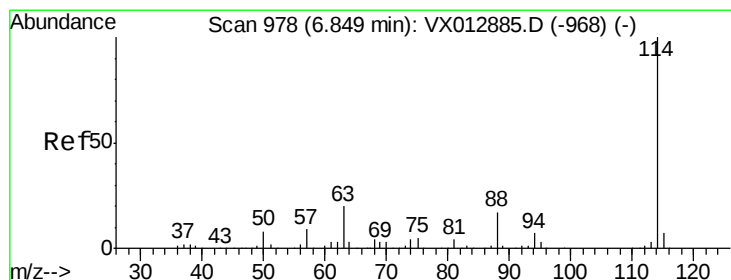
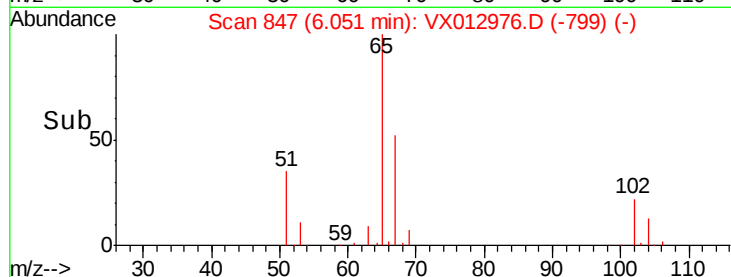
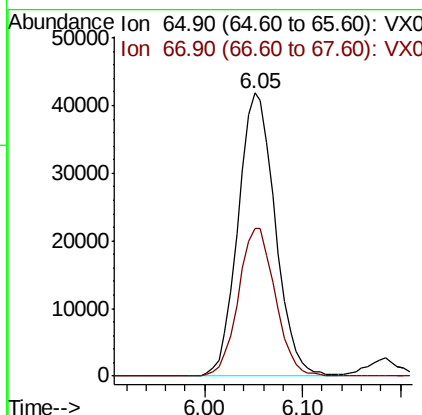
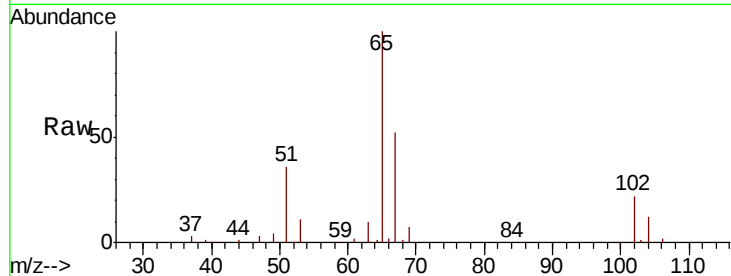




#33
 1,2-Dichloroethane-d4
 Concen: 54.585 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: VX012976.D
 Acq: 10 Oct 2019 05:20

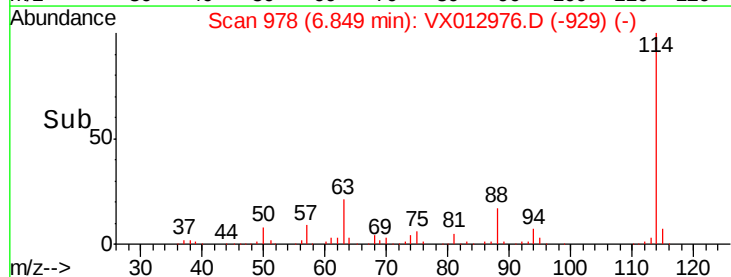
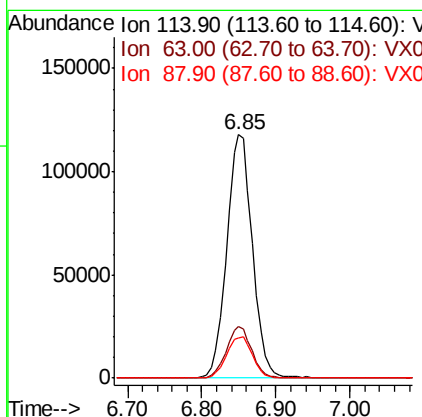
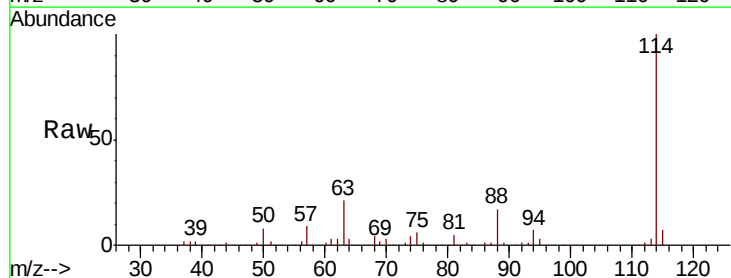
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW1963MS

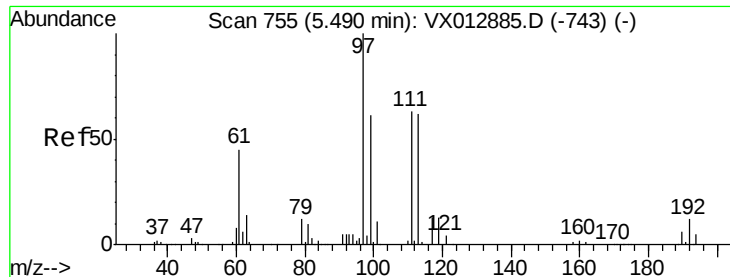
Tot Ion: 65 Resp: 110207
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012976.D
 Acq: 10 Oct 2019 05:20

Tgt Ion: 114 Resp: 283395
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 40.8
 88 16.6 0.0 33.8





#35

Dibromofluoromethane

Concen: 53.508 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX012976.D

Acq: 10 Oct 2019 05:20

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW1963MS

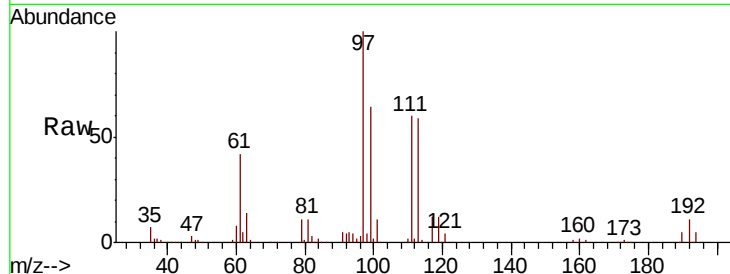
Tot Ion:113 Resp: 87032

Ion Ratio Lower Upper

113 100

111 102.8 83.2 124.8

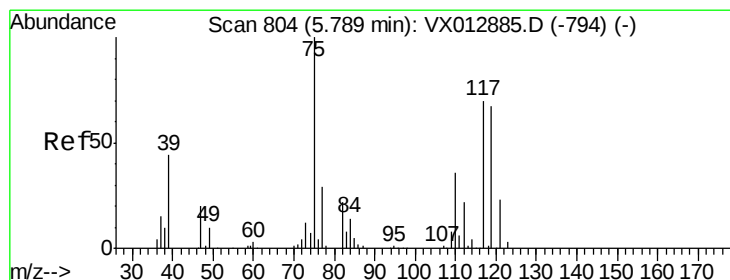
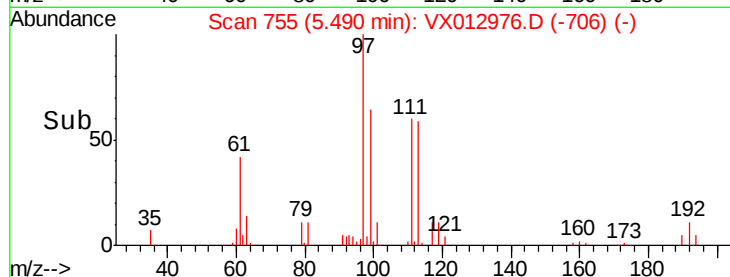
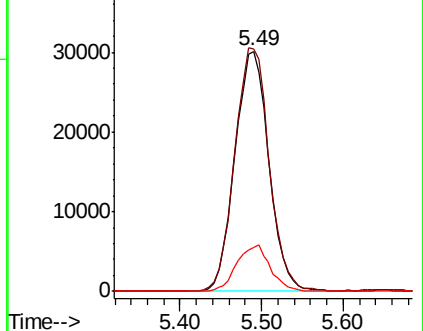
192 18.9 15.4 23.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 53.195 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX012976.D

Acq: 10 Oct 2019 05:20

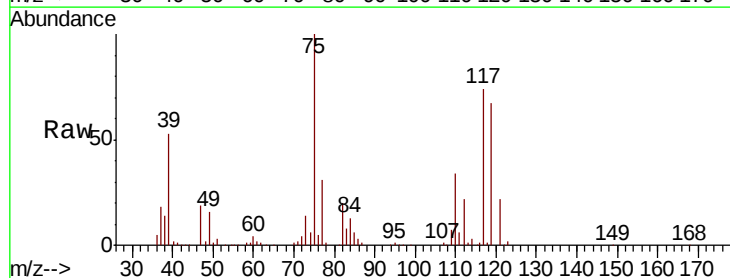
Tgt Ion: 75 Resp: 132543

Ion Ratio Lower Upper

75 100

110 34.4 17.6 52.9

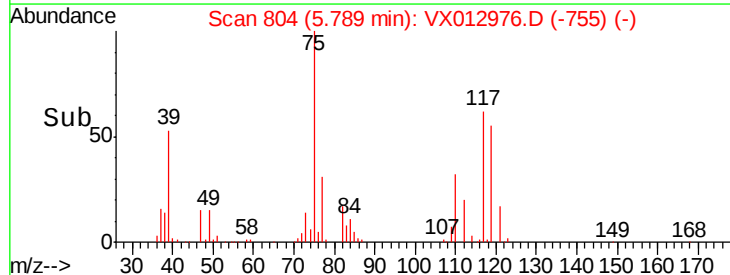
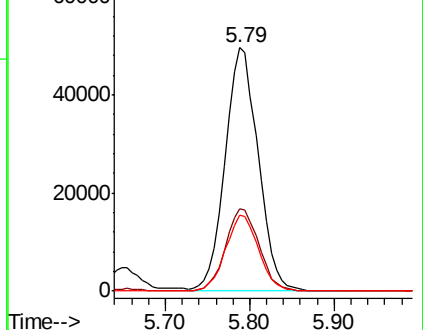
77 31.2 24.4 36.6

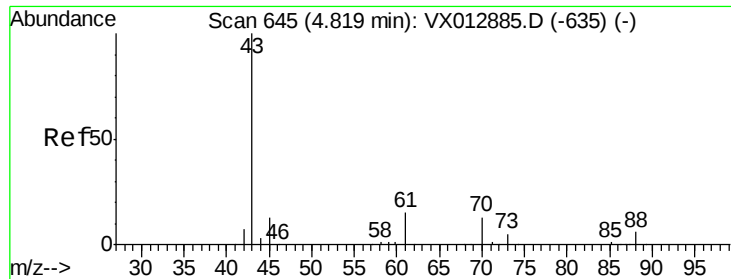


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

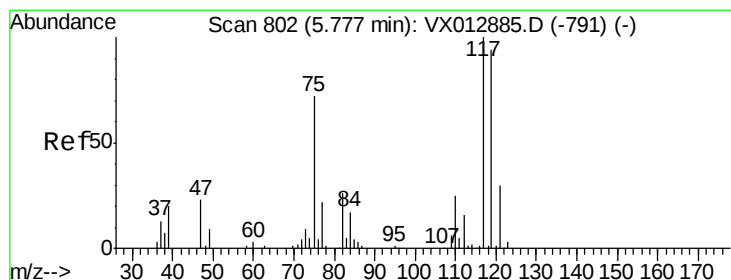
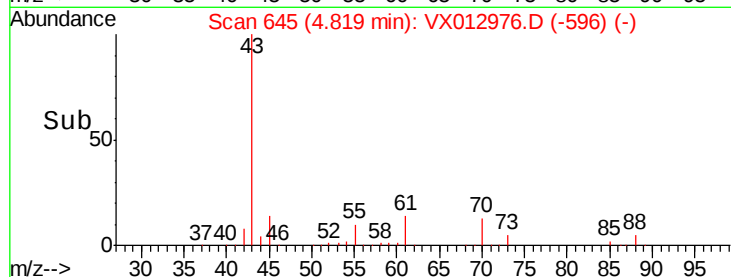
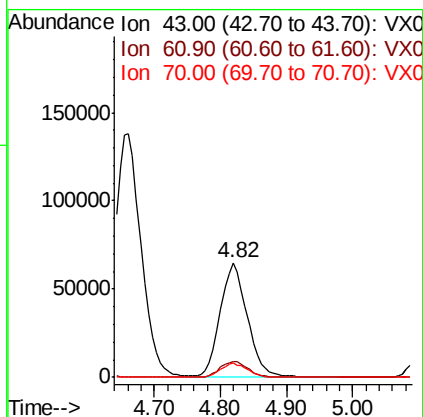
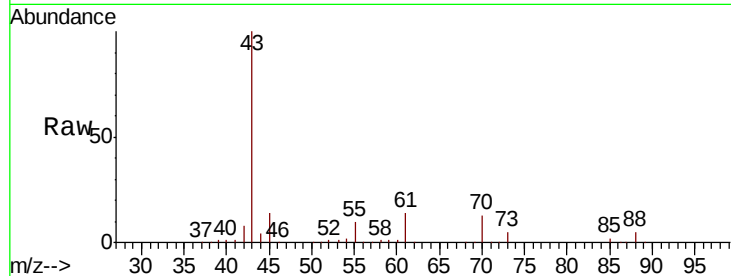




#37
Ethyl Acetate
Concen: 66.583 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX012976.D
Acq: 10 Oct 2019 05:20

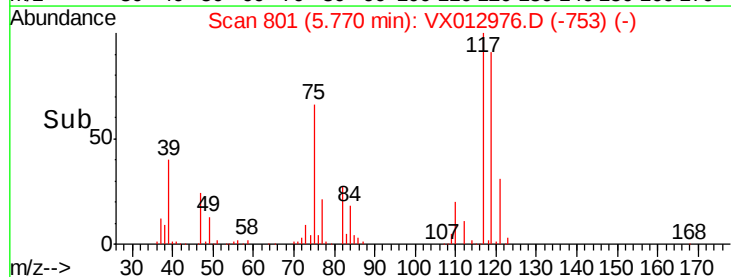
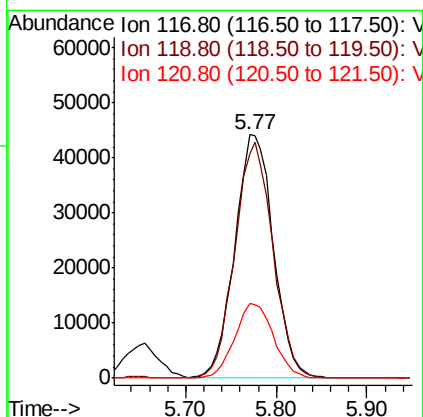
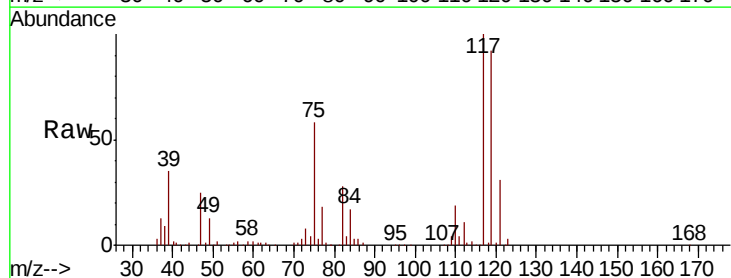
Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW1963MS

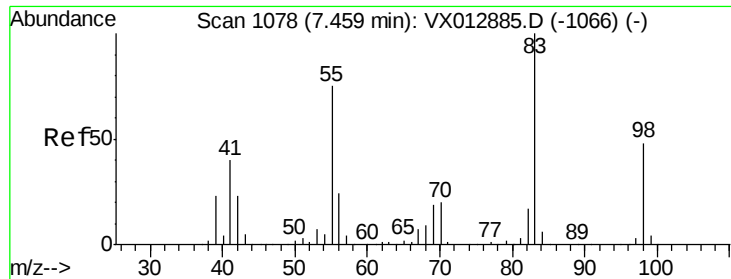
Tot Ion: 43 Resp: 185509
Ion Ratio Lower Upper
43 100
61 14.4 11.4 17.0
70 12.1 9.8 14.6



#38
Carbon Tetrachloride
Concen: 53.613 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX012976.D
Acq: 10 Oct 2019 05:20

Tgt Ion: 117 Resp: 130023
Ion Ratio Lower Upper
117 100
119 92.2 74.5 111.7
121 30.9 24.2 36.4

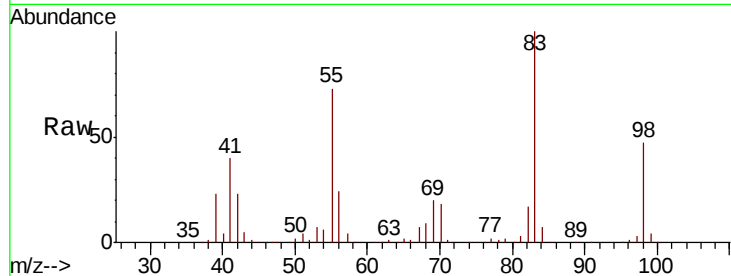




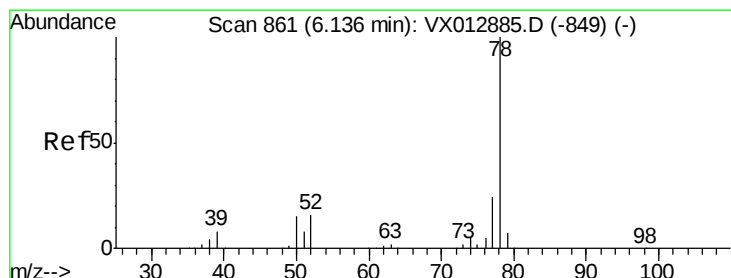
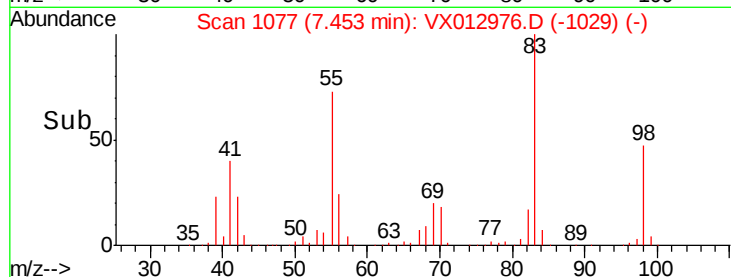
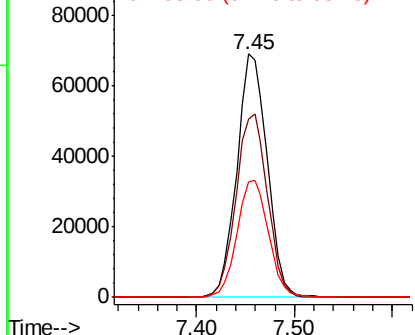
#39
Methvlcvclohexane
Concen: 49.092 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX012976.D
Acq: 10 Oct 2019 05:20

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW1963MS

Tot Ion: 83 Resp: 148341
Ion Ratio Lower Upper
83 100
55 73.4 60.2 90.4
98 47.3 38.5 57.7

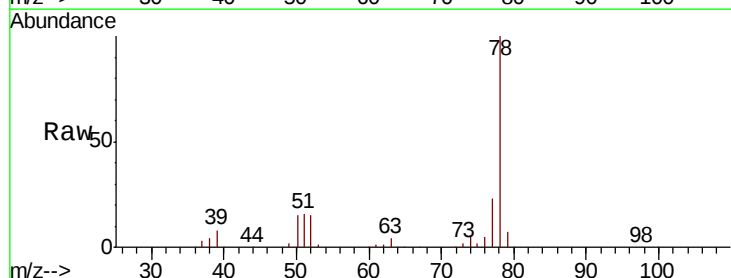


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

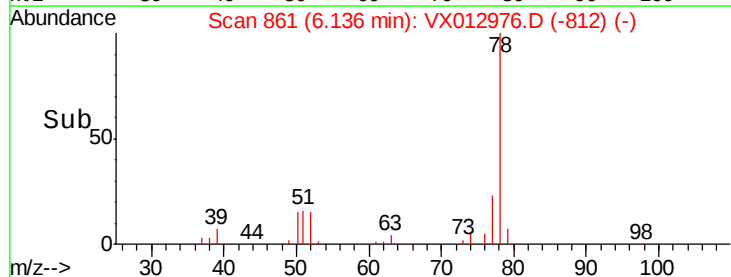
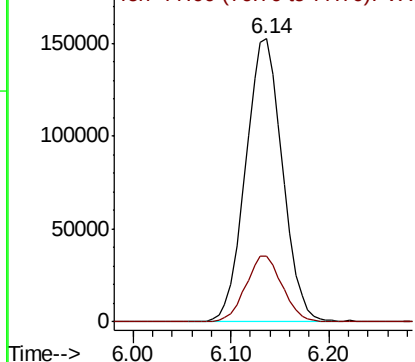


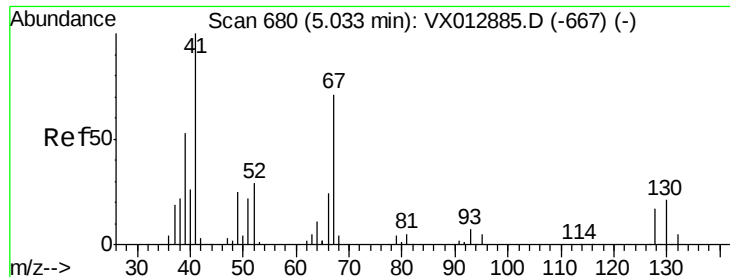
#40
Benzene
Concen: 54.350 ug/l
RT: 6.14 min Scan# 861
Delta R.T. -0.00 min
Lab File: VX012976.D
Acq: 10 Oct 2019 05:20

Tgt Ion: 78 Resp: 399965
Ion Ratio Lower Upper
78 100
77 23.4 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: 52.932 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.01 min

Lab File: VX012976.D

Acq: 10 Oct 2019 05:20

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW1963MS

Tot Ion: 41 Resp: 81036

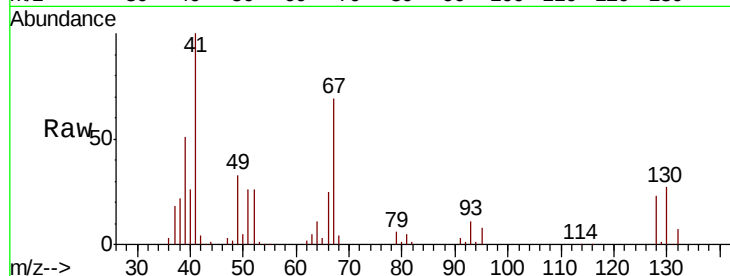
Ion Ratio Lower Upper

41 100

39 53.7 44.0 66.0

67 74.5 58.5 87.7

52 29.3 23.8 35.8

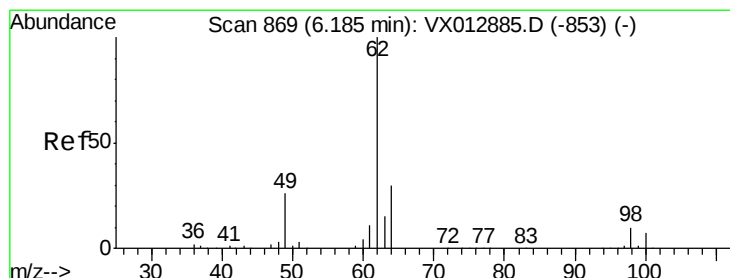
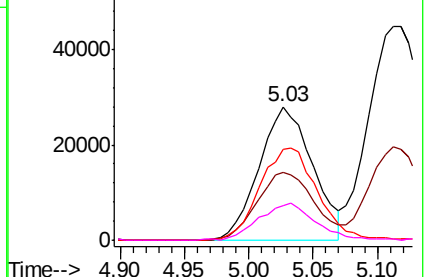
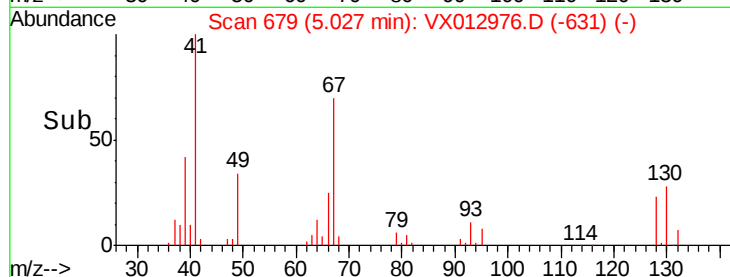


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 54.806 ug/l

RT: 6.18 min Scan# 869

Delta R.T. -0.00 min

Lab File: VX012976.D

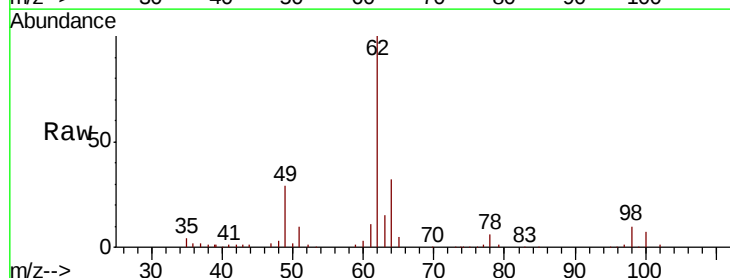
Acq: 10 Oct 2019 05:20

Tgt Ion: 62 Resp: 144723

Ion Ratio Lower Upper

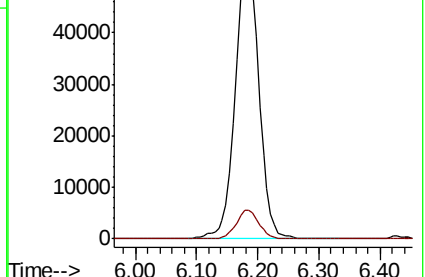
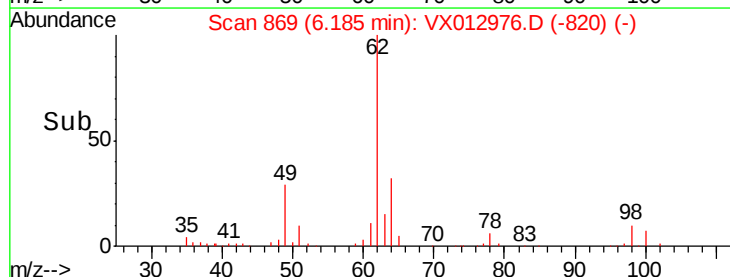
62 100

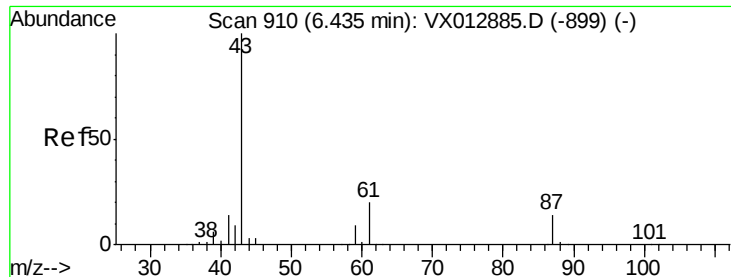
98 9.7 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



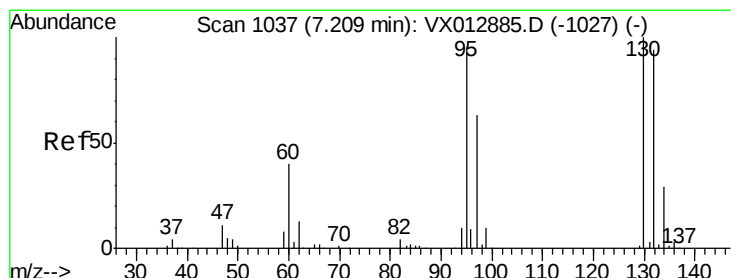
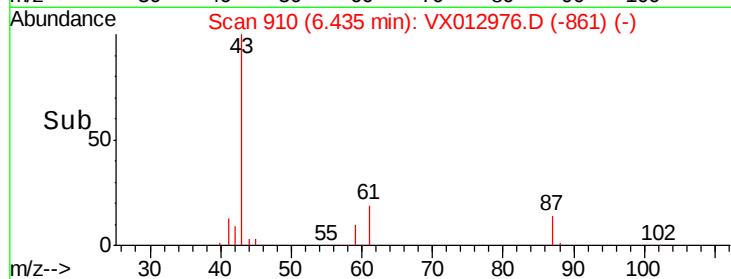
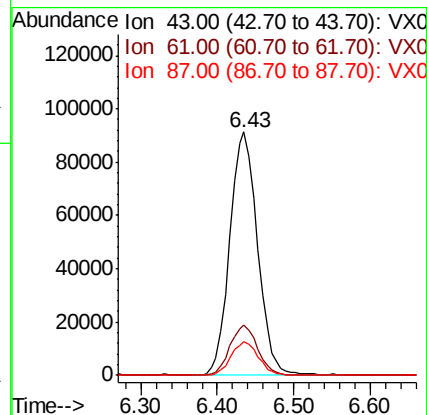
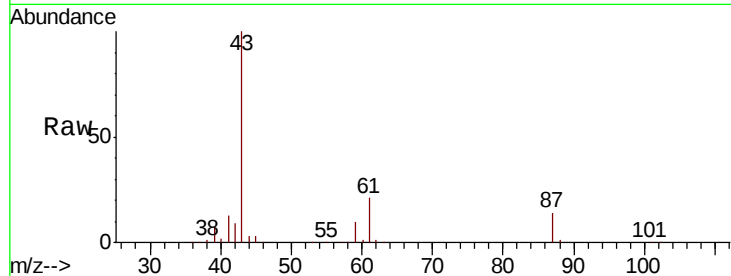


#43

Isopropyl Acetate
 Concen: 51.037 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: VX012976.D
 Acq: 10 Oct 2019 05:20

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW1963MS

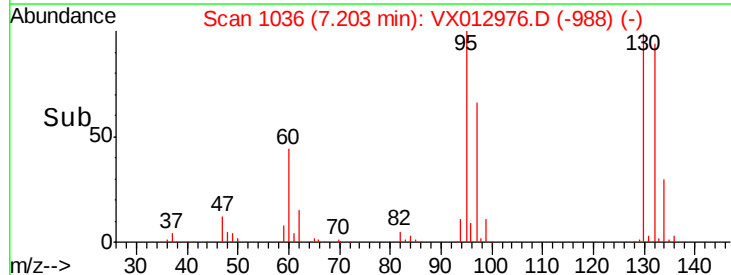
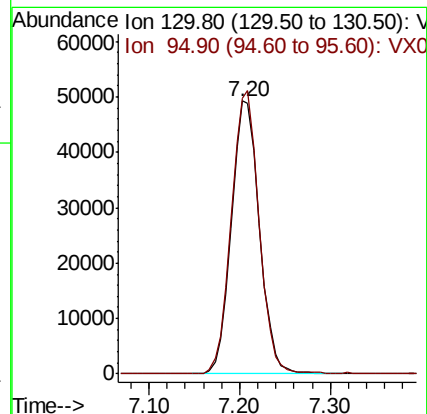
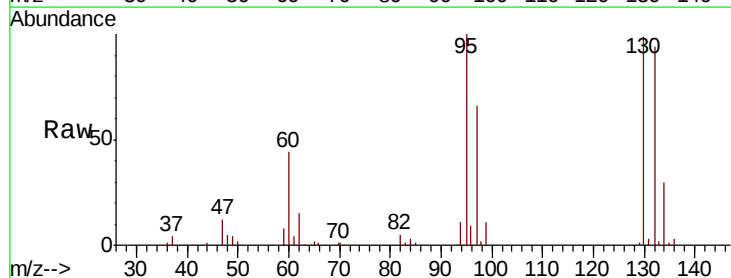
Tot Ion	43	Resp	228225
Ion Ratio	Lower	Upper	
43	100		
61	20.7	16.6	24.8
87	13.8	11.0	16.6

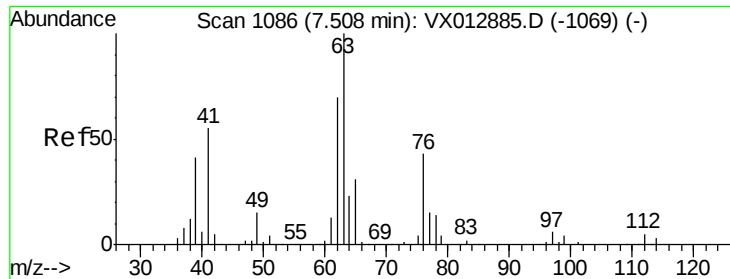


#44

Trichloroethene
 Concen: 51.864 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX012976.D
 Acq: 10 Oct 2019 05:20

Tgt Ion	130	Resp	105838
Ion Ratio	Lower	Upper	
130	100		
95	101.2	0.0	189.2

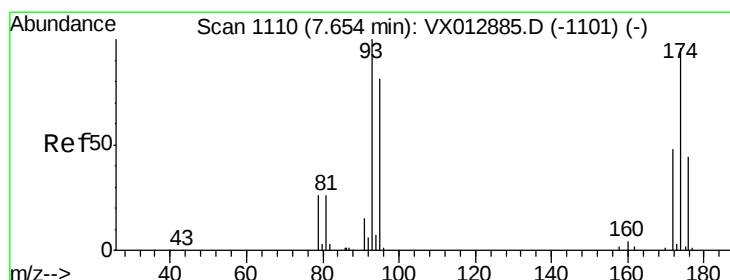
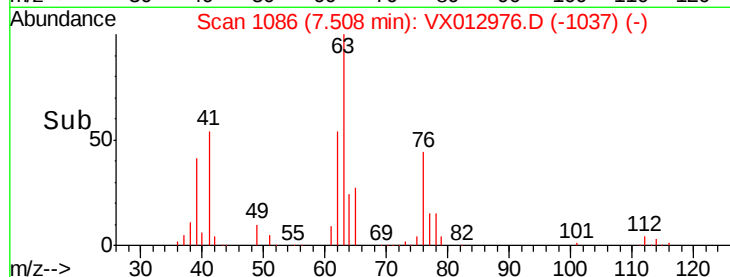
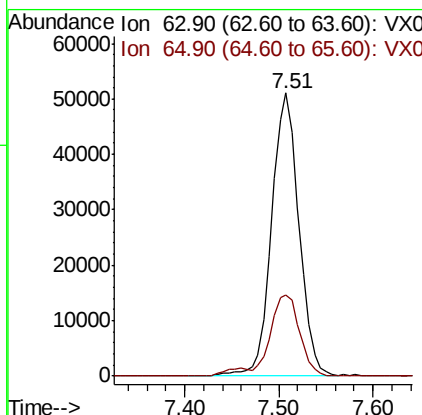
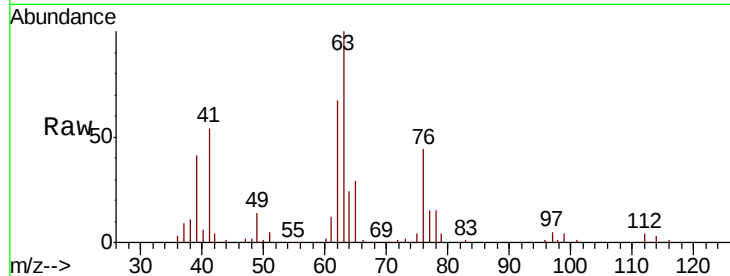




#45
 1,2-Dichloropropane
 Concen: 55.200 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX012976.D
 Acq: 10 Oct 2019 05:20

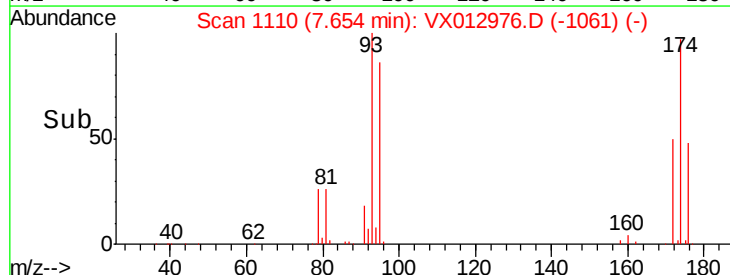
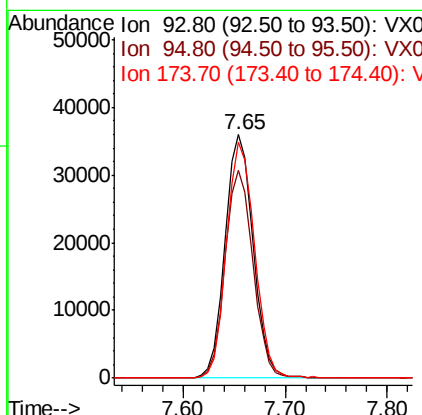
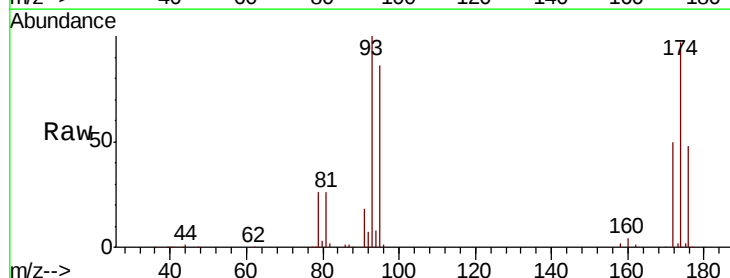
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW1963MS

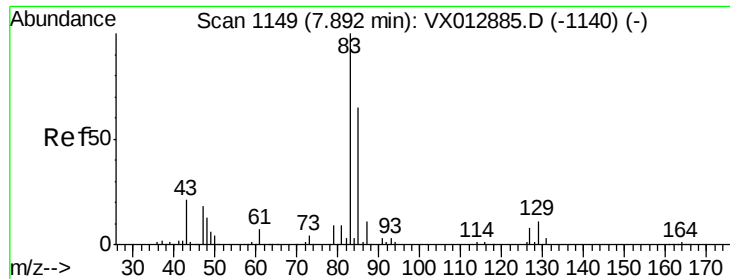
Tot Ion: 63 Resp: 103532
 Ion Ratio Lower Upper
 63 100
 65 28.7 24.6 37.0



#46
 Dibromomethane
 Concen: 55.020 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX012976.D
 Acq: 10 Oct 2019 05:20

Tgt Ion: 93 Resp: 68754
 Ion Ratio Lower Upper
 93 100
 95 84.7 66.3 99.5
 174 96.8 77.8 116.6





#47

Bromodichloromethane

Concen: 55.806 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX012976.D

Acq: 10 Oct 2019 05:20

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW1963MS

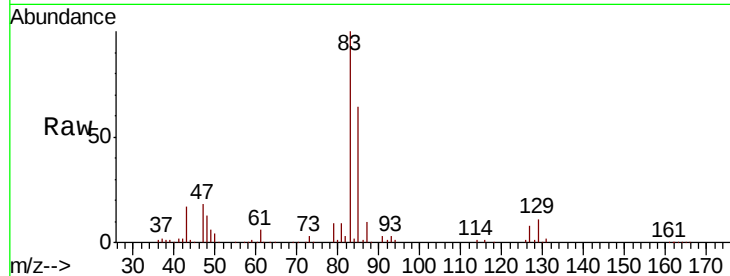
Tot Ion: 83 Resp: 136091

Ion Ratio Lower Upper

83 100

85 63.7 52.4 78.6

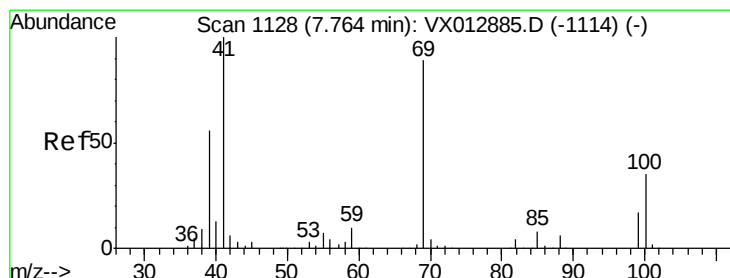
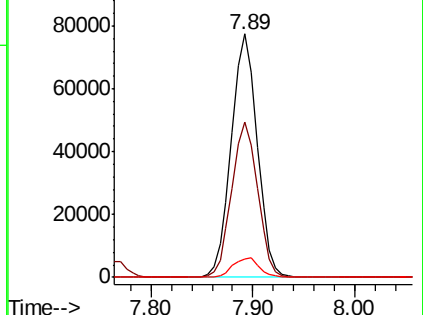
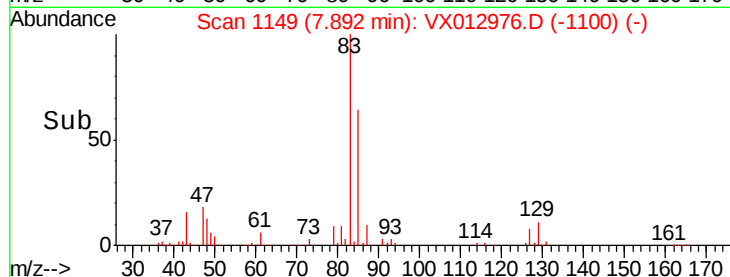
127 7.8 6.6 10.0



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: 54.169 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX012976.D

Acq: 10 Oct 2019 05:20

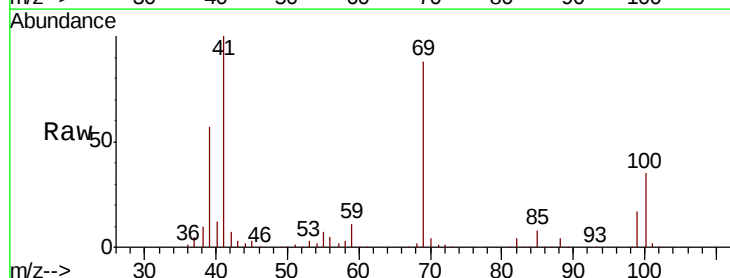
Tgt Ion: 41 Resp: 118042

Ion Ratio Lower Upper

41 100

69 85.2 68.7 103.1

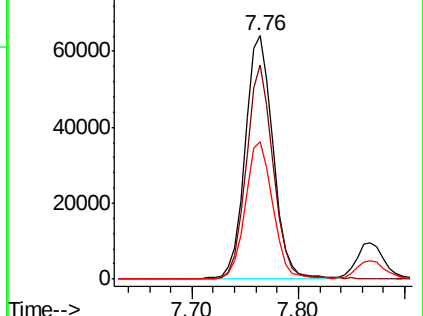
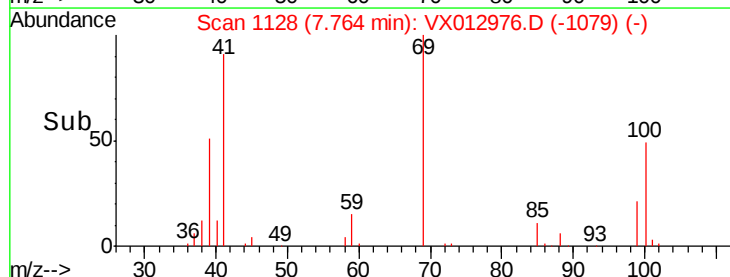
39 56.0 44.3 66.5

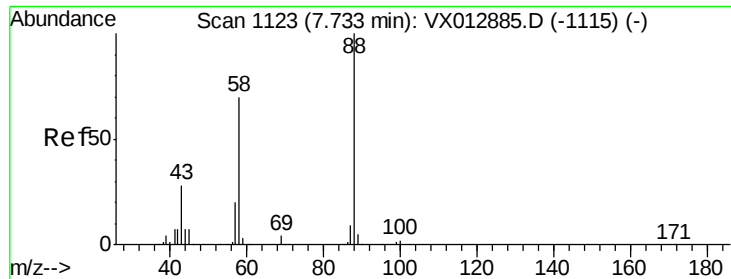


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

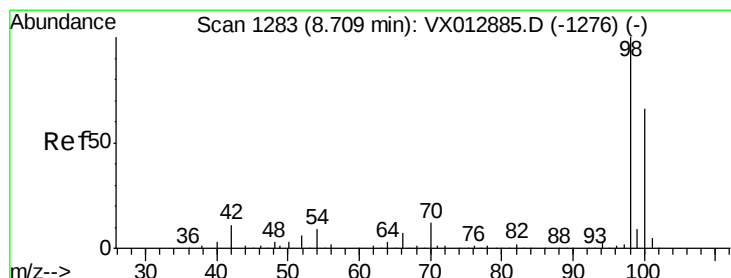
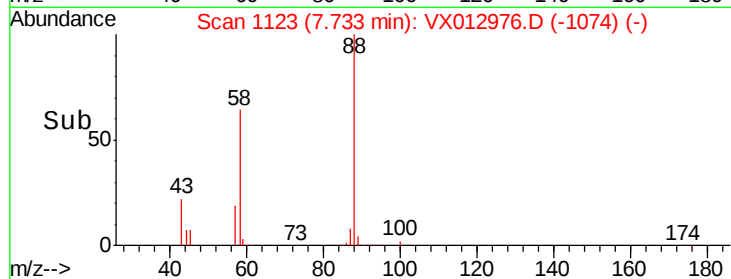
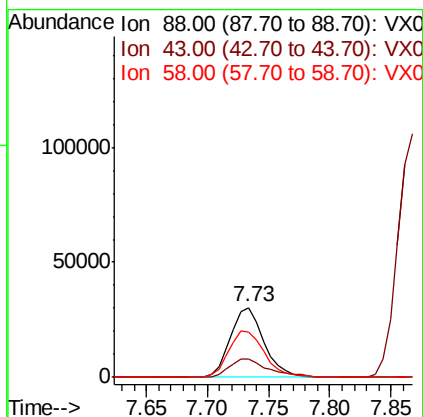
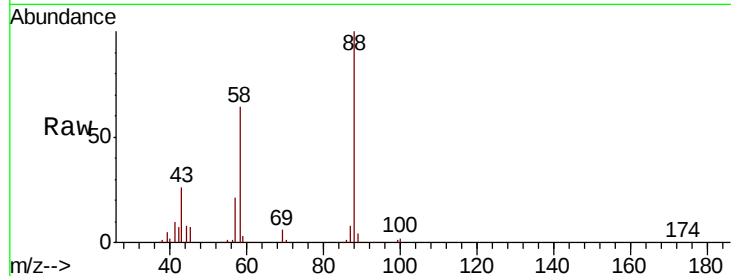




#49
1,4-Dioxane
Concen: 986.470 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX012976.D
Acq: 10 Oct 2019 05:20

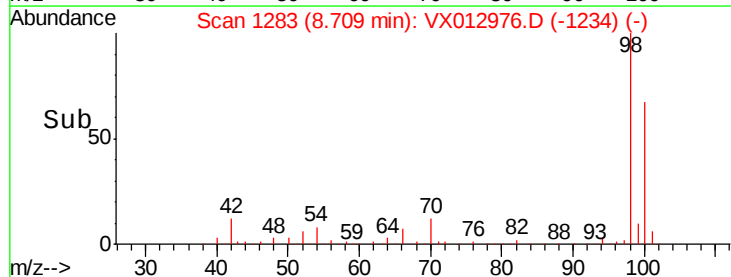
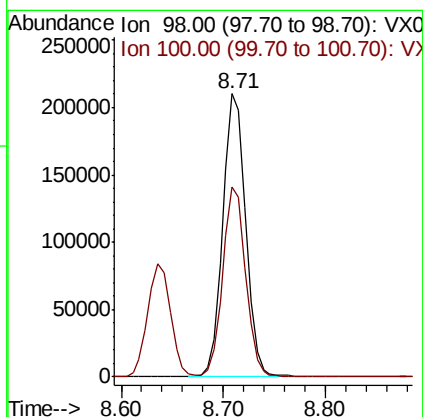
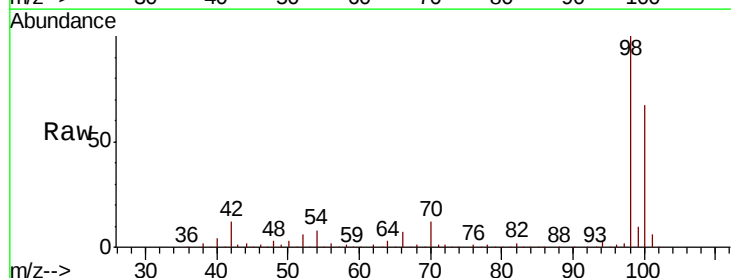
Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW1963MS

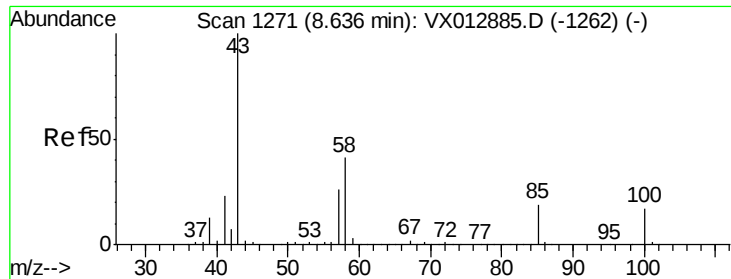
Tot Ion: 88 Resp: 57659
Ion Ratio Lower Upper
88 100
43 30.9 25.0 37.6
58 71.0 55.4 83.2



#50
Toluene-d8
Concen: 51.685 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012976.D
Acq: 10 Oct 2019 05:20

Tgt Ion: 98 Resp: 327887
Ion Ratio Lower Upper
98 100
100 67.0 53.4 80.2

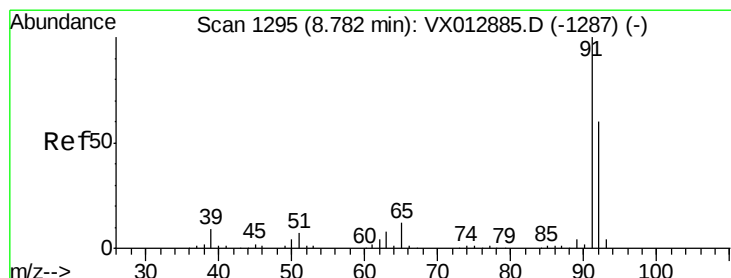
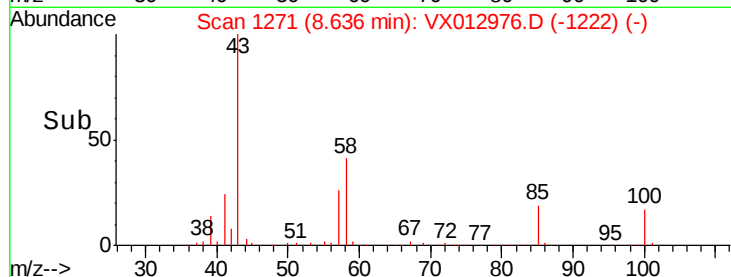
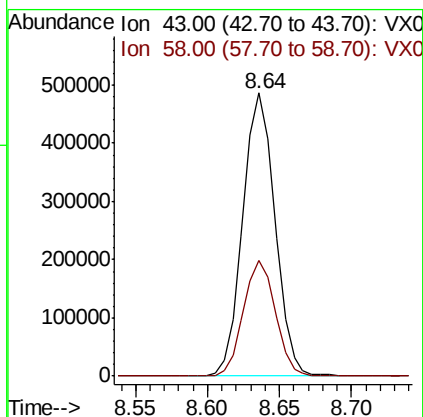
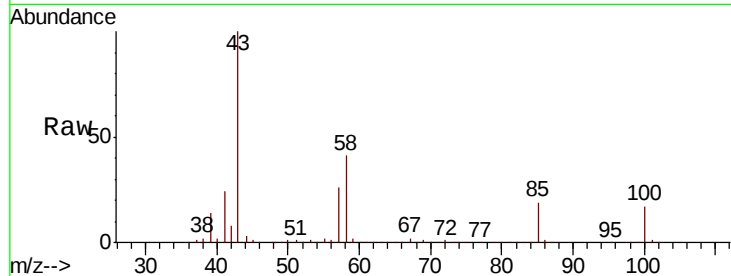




#51
4-Methyl-2-Pentanone
Concen: 269.970 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX012976.D
Acq: 10 Oct 2019 05:20

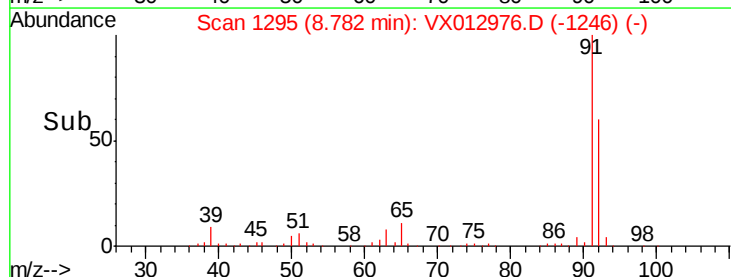
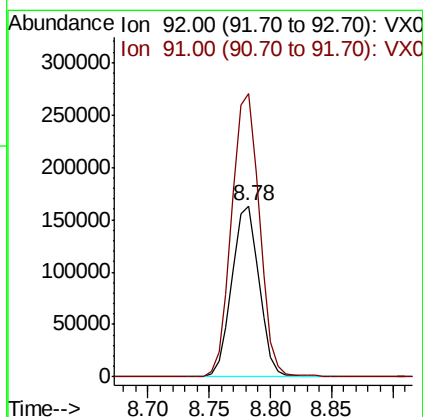
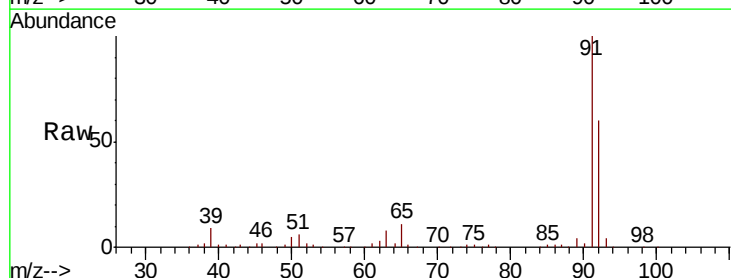
Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW1963MS

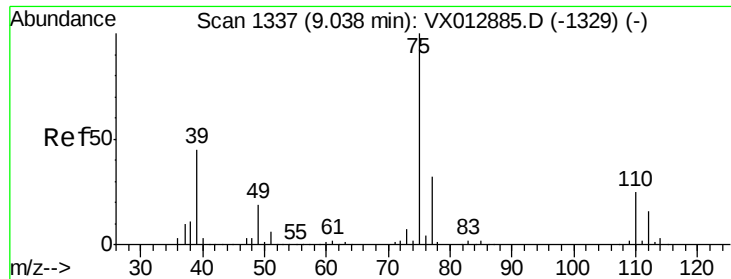
Tot Ion: 43 Resp: 752694
Ion Ratio Lower Upper
43 100
58 40.7 32.4 48.6



#52
Toluene
Concen: 53.579 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. -0.00 min
Lab File: VX012976.D
Acq: 10 Oct 2019 05:20

Tgt Ion: 92 Resp: 252251
Ion Ratio Lower Upper
92 100
91 169.0 135.9 203.9

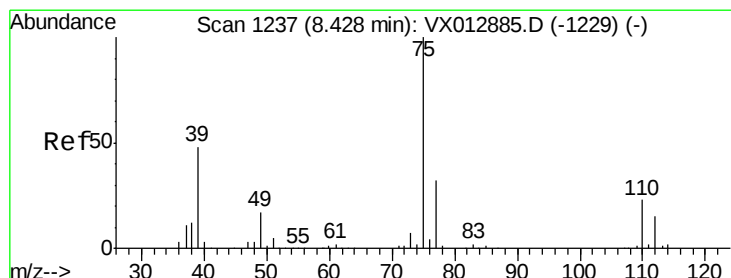
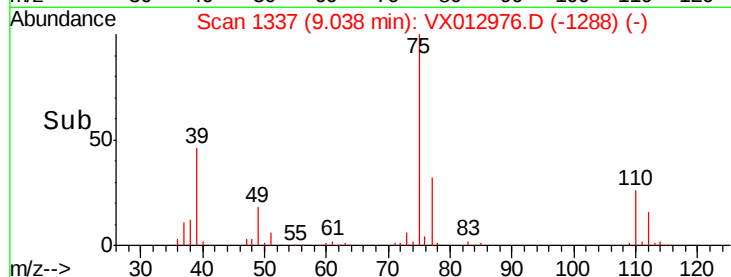
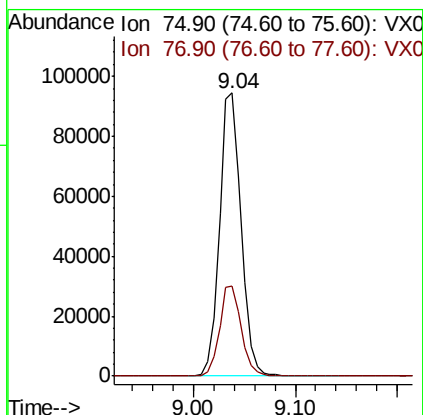
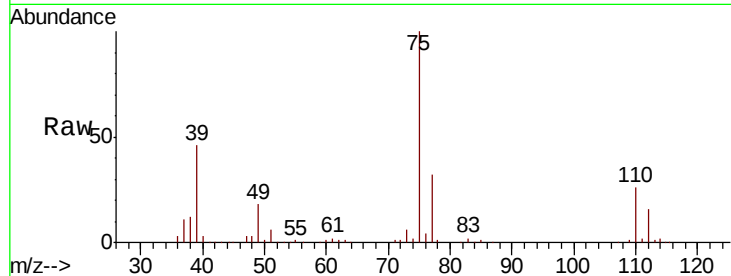




#53
 t-1,3-Dichloropropene
 Concen: 46.097 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VX012976.D
 Acq: 10 Oct 2019 05:20

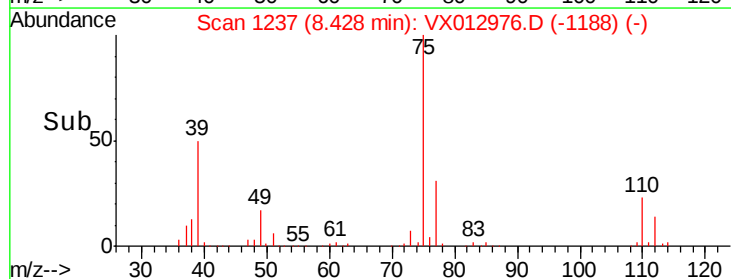
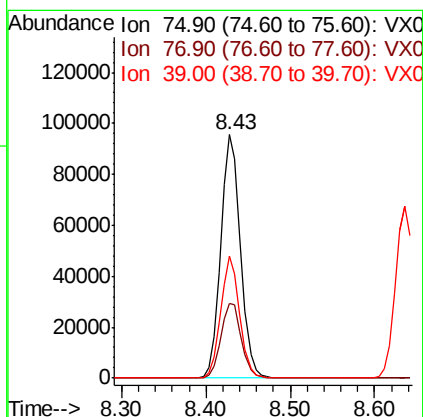
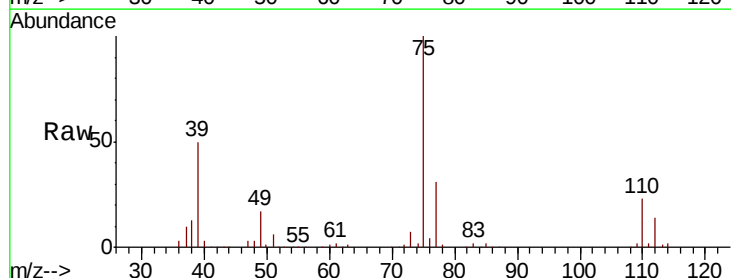
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW1963MS

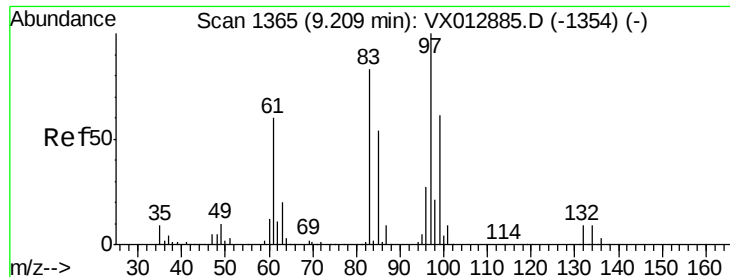
Tot Ion: 75 Resp: 139750
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.8 38.6



#54
 cis-1,3-Dichloropropene
 Concen: 51.055 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX012976.D
 Acq: 10 Oct 2019 05:20

Tgt Ion: 75 Resp: 153129
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.8 38.8
 39 50.1 38.2 57.2





#55

1,1,2-Trichloroethane

Concen: 55.142 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX012976.D

Acq: 10 Oct 2019 05:20

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW1963MS

Tot Ion: 97 Resp: 102739

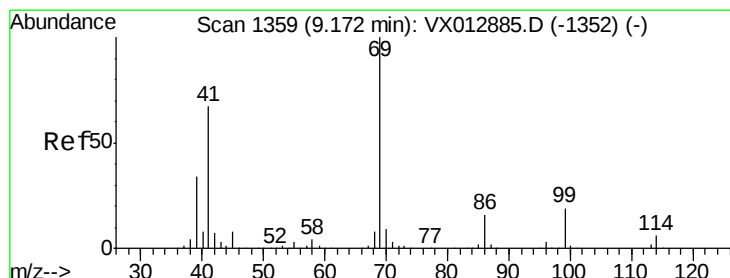
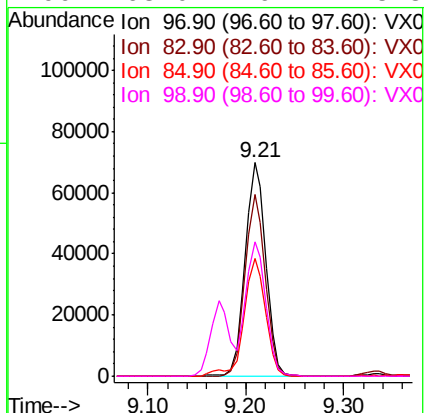
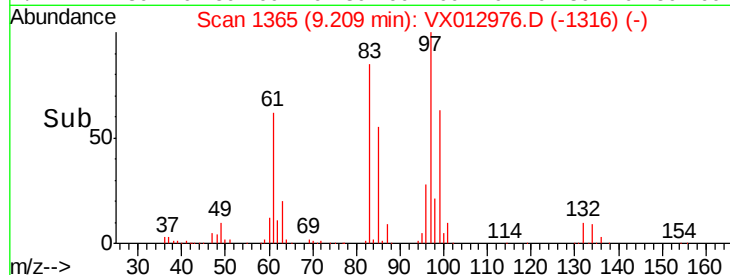
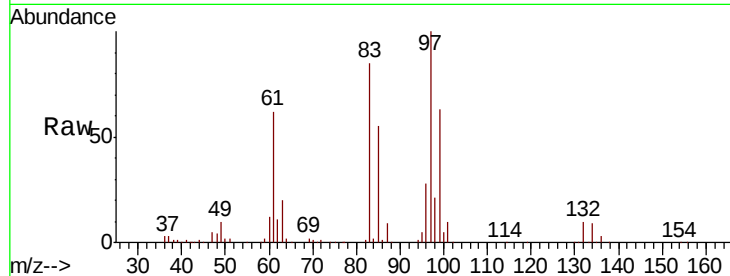
Ion	Ratio	Lower	Upper
97	100		
83	84.8	66.5	99.7
85	55.1	43.1	64.7
99	63.0	49.2	73.8

97 100

83 84.8 66.5 99.7

85 55.1 43.1 64.7

99 63.0 49.2 73.8



#56

Ethyl methacrylate

Concen: 50.585 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX012976.D

Acq: 10 Oct 2019 05:20

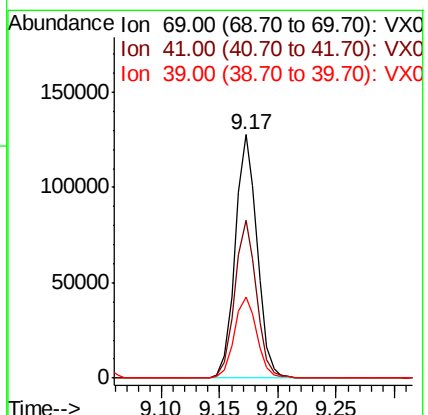
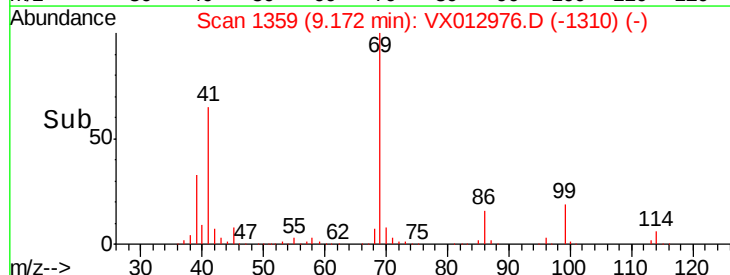
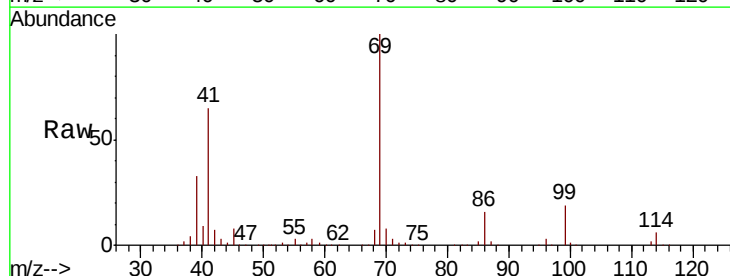
Tgt Ion: 69 Resp: 168844

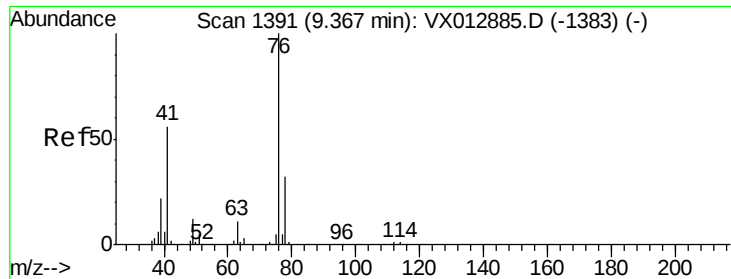
Ion	Ratio	Lower	Upper
69	100		
41	64.0	52.1	78.1
39	34.1	27.8	41.8

69 100

41 64.0 52.1 78.1

39 34.1 27.8 41.8





#57

1,3-Dichloropropane

Concen: 54.134 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX012976.D

Acq: 10 Oct 2019 05:20

Instrument :

MSVOA_X

ClientSampleId :

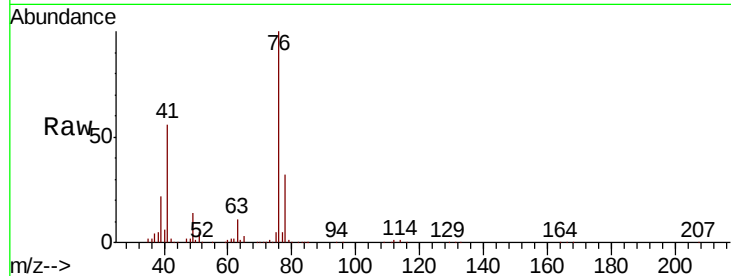
FA19-JMW1963MS

Tot Ion: 76 Resp: 174468

Ion Ratio Lower Upper

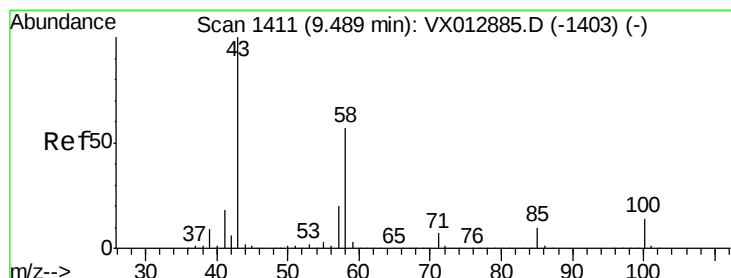
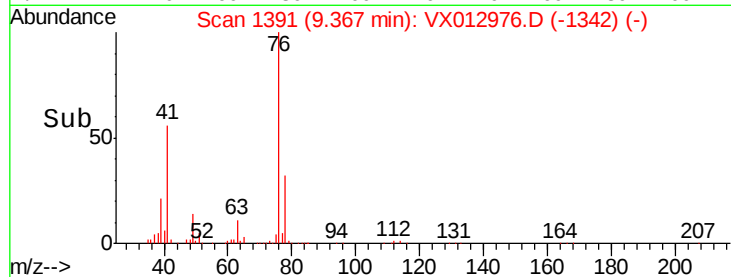
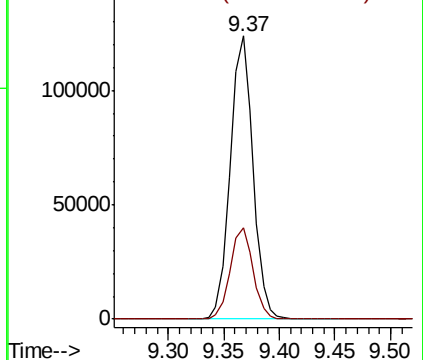
76 100

78 32.6 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: 266.367 ug/l

RT: 9.48 min Scan# 1410

Delta R.T. -0.01 min

Lab File: VX012976.D

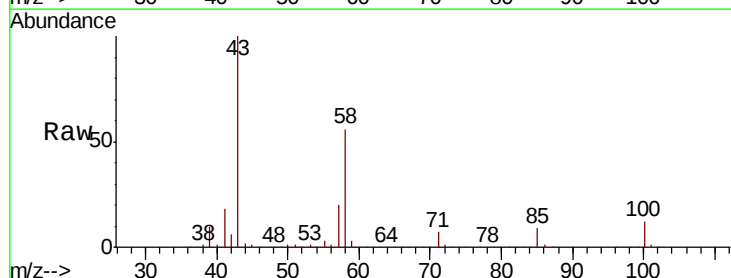
Acq: 10 Oct 2019 05:20

Tgt Ion: 43 Resp: 578106

Ion Ratio Lower Upper

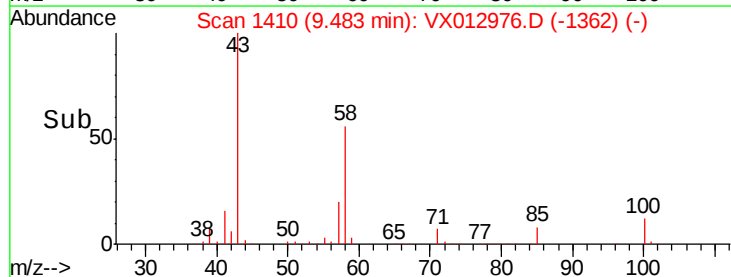
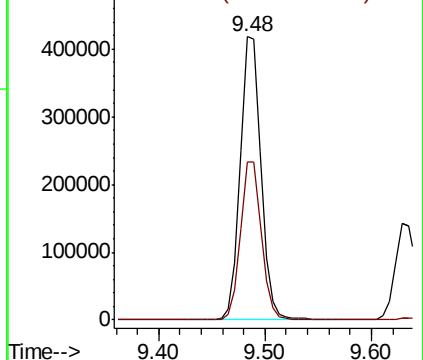
43 100

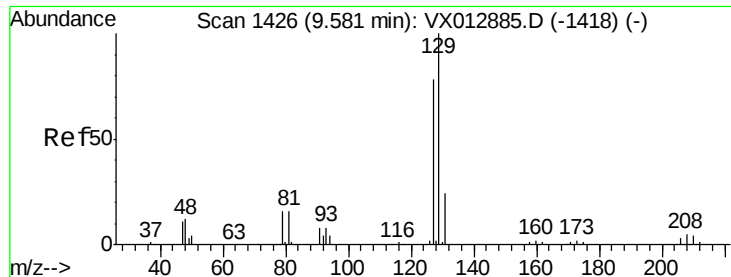
58 56.3 28.1 84.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#60

Dibromochloromethane

Concen: 50.183 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. -0.01 min

Lab File: VX012976.D

Acq: 10 Oct 2019 05:20

Instrument :

MSVOA_X

ClientSampleId :

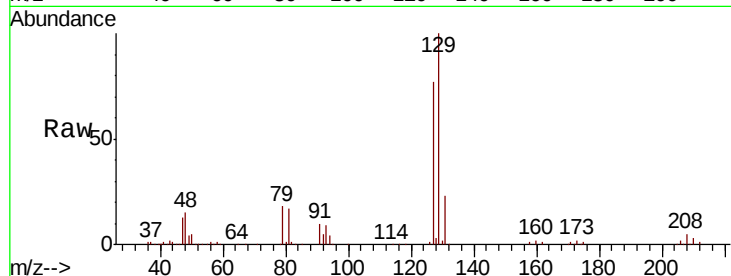
FA19-JMW1963MS

Tot Ion:129 Resp: 104063

Ion Ratio Lower Upper

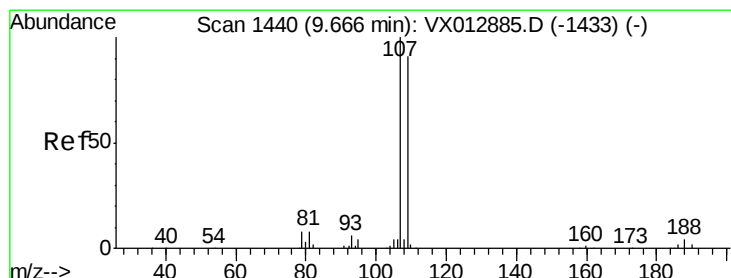
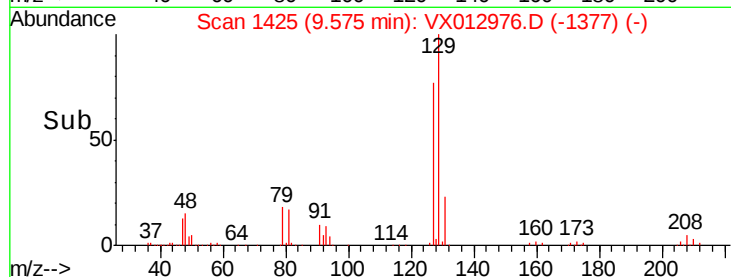
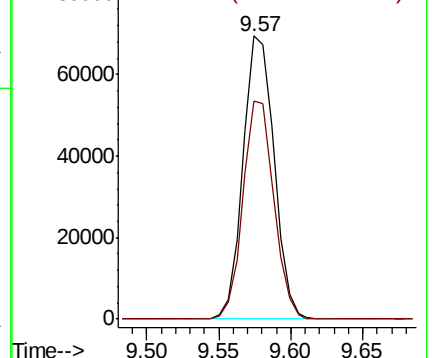
129 100

127 76.4 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: 54.641 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX012976.D

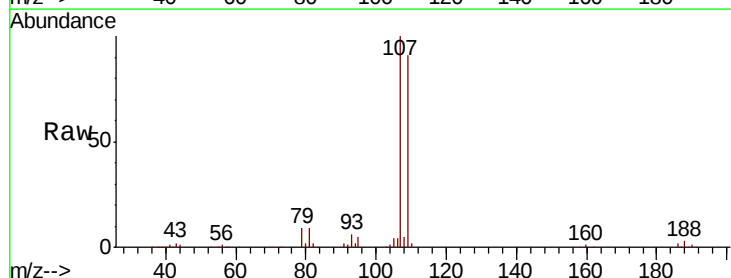
Acq: 10 Oct 2019 05:20

Tgt Ion:107 Resp: 107093

Ion Ratio Lower Upper

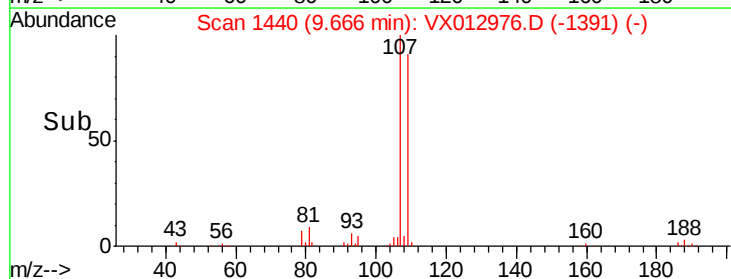
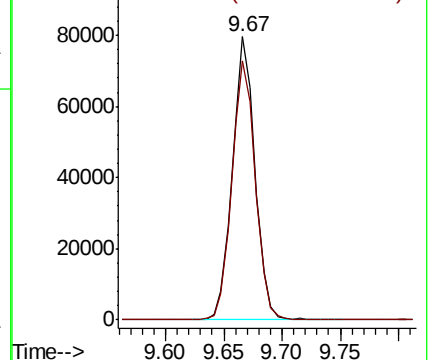
107 100

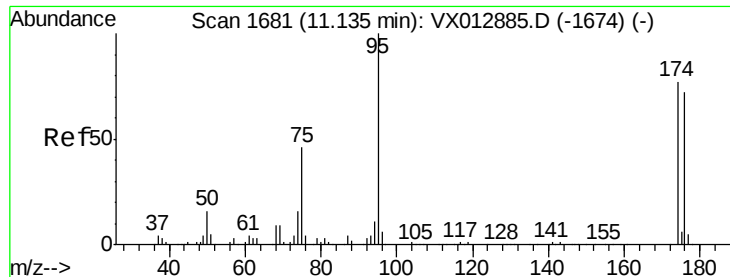
109 94.9 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

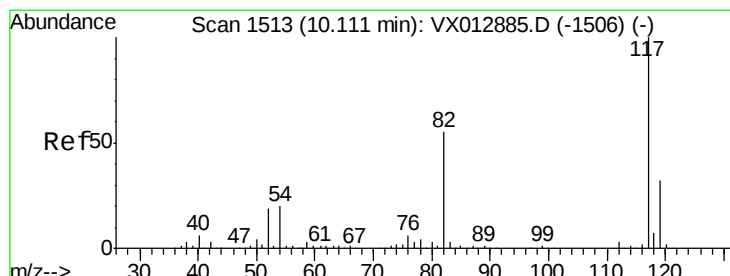
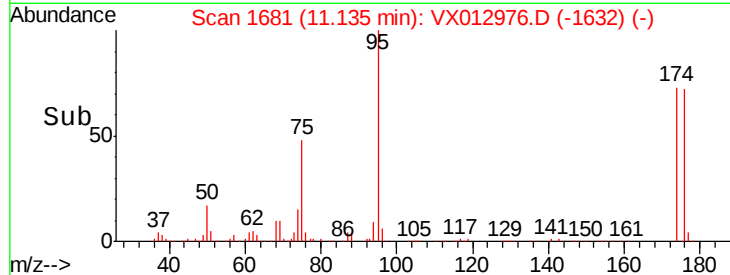
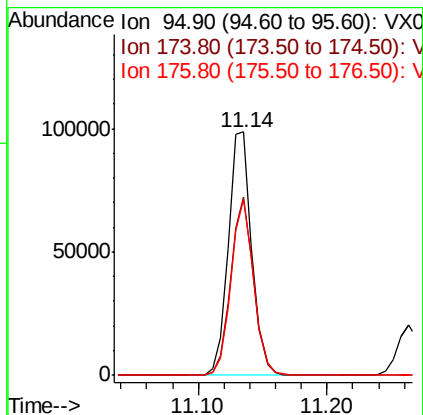
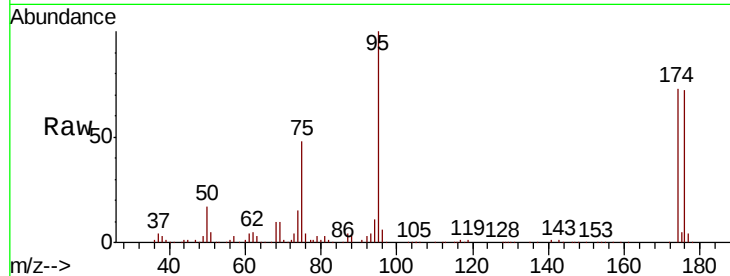




#62
4-Bromofluorobenzene
Concen: 51.104 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX012976.D
Acq: 10 Oct 2019 05:20

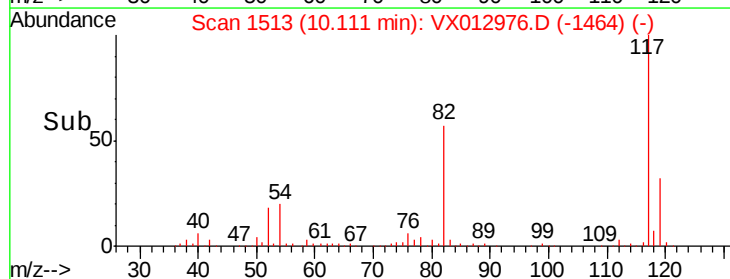
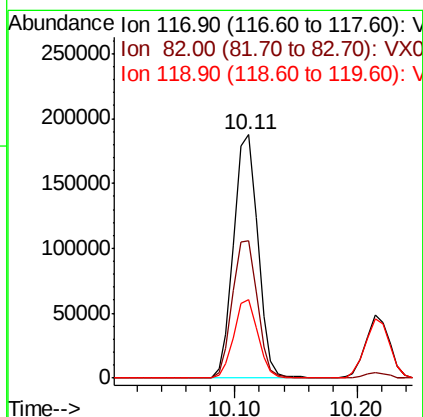
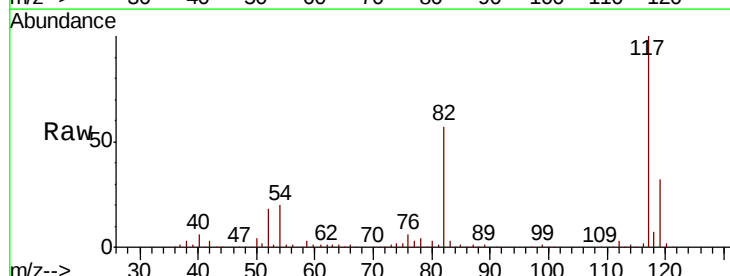
Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW1963MS

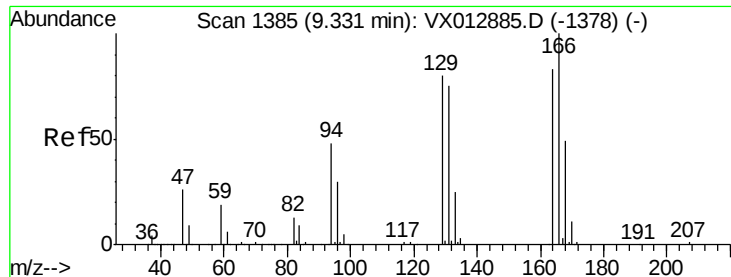
Tot Ion: 95 Resp: 125969
Ion Ratio Lower Upper
95 100
174 70.6 0.0 143.4
176 69.5 0.0 136.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012976.D
Acq: 10 Oct 2019 05:20

Tgt Ion: 117 Resp: 257487
Ion Ratio Lower Upper
117 100
82 56.5 44.1 66.1
119 32.1 25.8 38.8

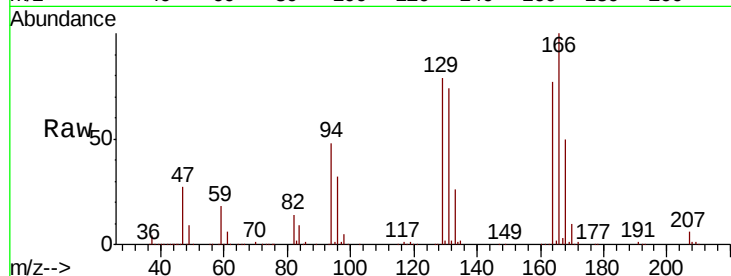




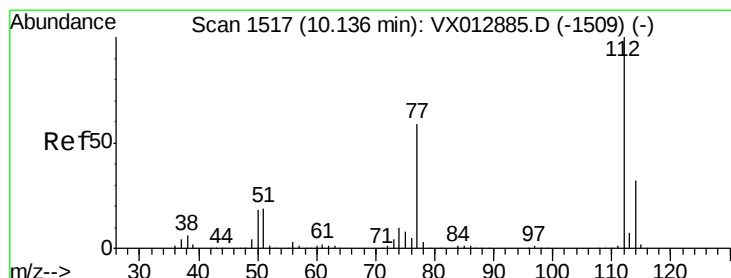
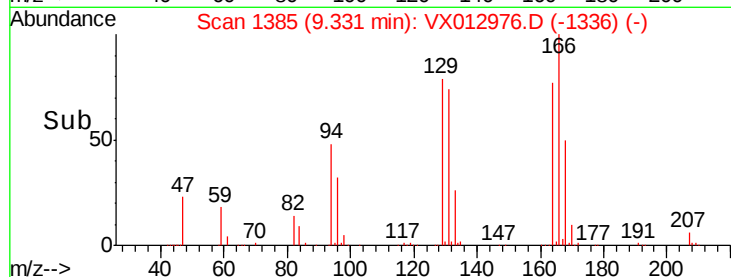
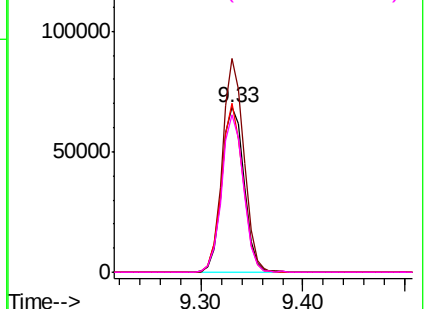
#64
Tetrachloroethene
Concen: 58.238 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012976.D
Acq: 10 Oct 2019 05:20

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW1963MS

Tot Ion:164 Resp: 104008
Ion Ratio Lower Upper
164 100
166 129.7 96.9 145.3
129 102.8 77.9 116.9
131 95.5 72.7 109.1

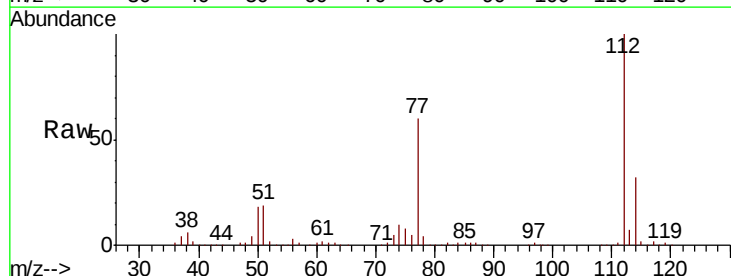


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

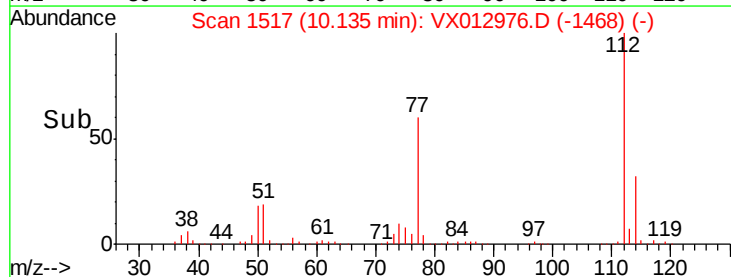
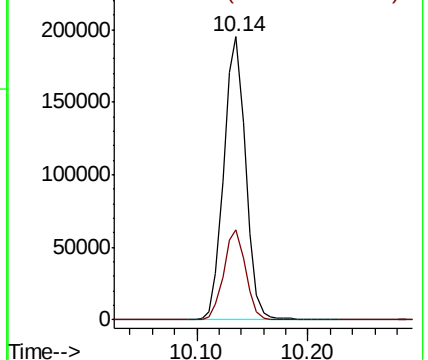


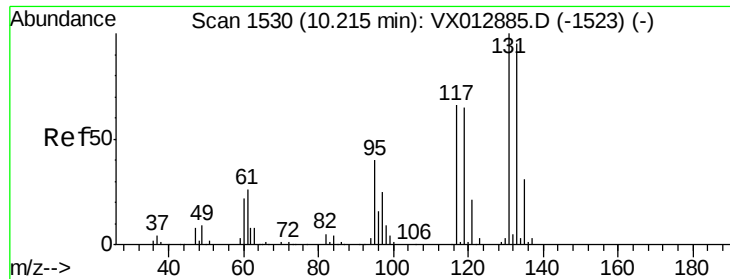
#65
Chlorobenzene
Concen: 51.784 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX012976.D
Acq: 10 Oct 2019 05:20

Tgt Ion:112 Resp: 264788
Ion Ratio Lower Upper
112 100
114 32.0 25.7 38.5



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

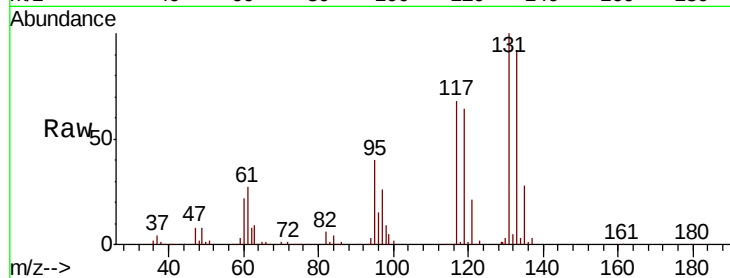




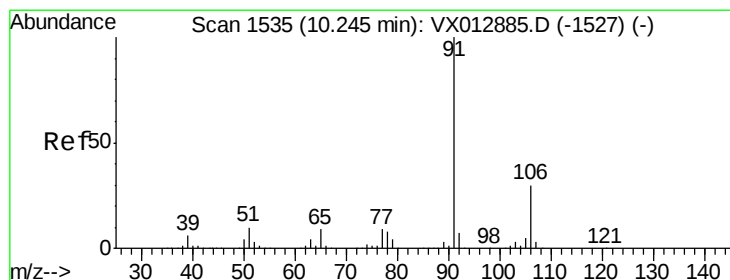
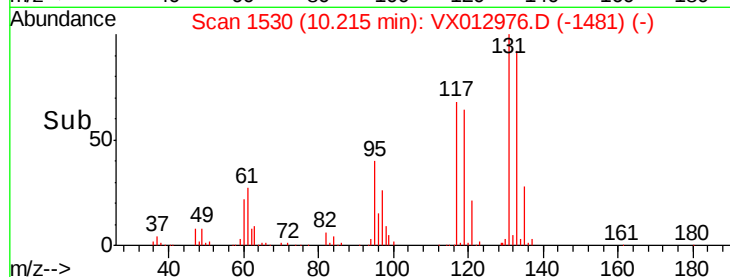
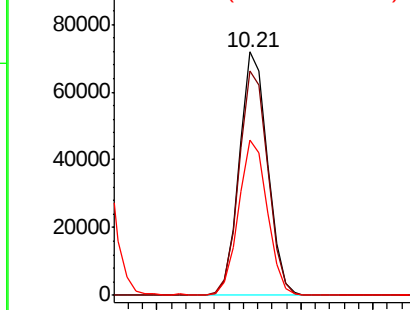
#66
 1,1,1,2-Tetrachloroethane
 Concen: 55.096 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VX012976.D
 Acq: 10 Oct 2019 05:20

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW1963MS

Tot Ion:131 Resp: 97680
 Ion Ratio Lower Upper
 131 100
 133 94.2 47.2 141.6
 119 64.8 32.6 98.0

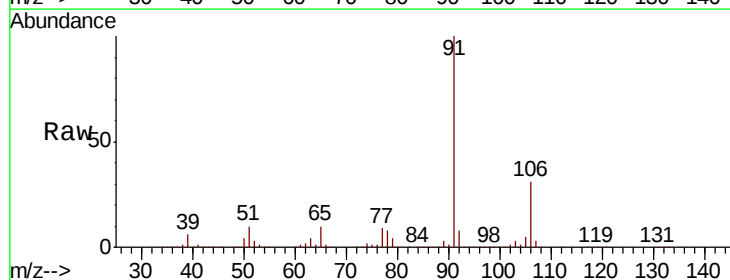


Abundance Ion 130.80 (130.50 to 131.50): V
 Ion 132.80 (132.50 to 133.50): V
 Ion 118.80 (118.50 to 119.50): V

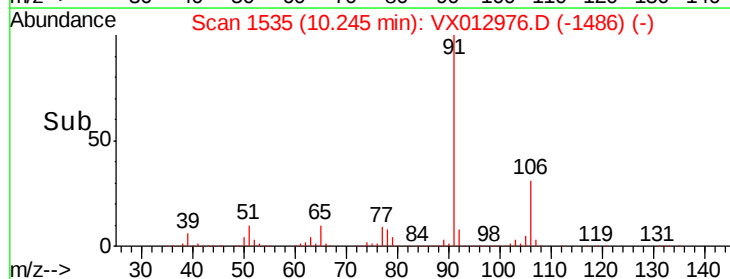
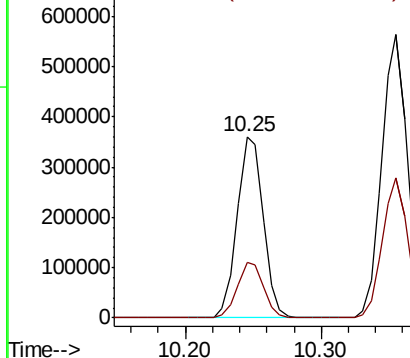


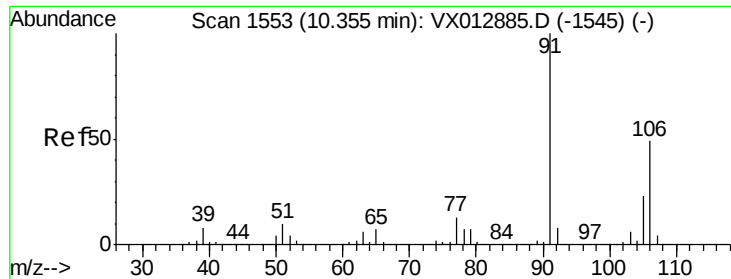
#67
 Ethyl Benzene
 Concen: 53.009 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VX012976.D
 Acq: 10 Oct 2019 05:20

Tgt Ion: 91 Resp: 481463
 Ion Ratio Lower Upper
 91 100
 106 30.9 23.9 35.9



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

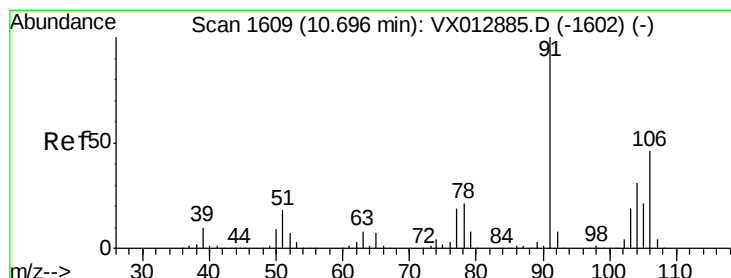
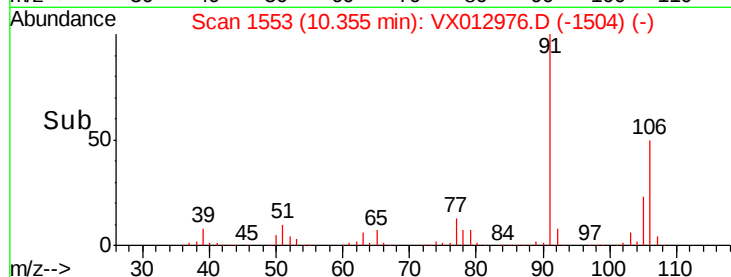
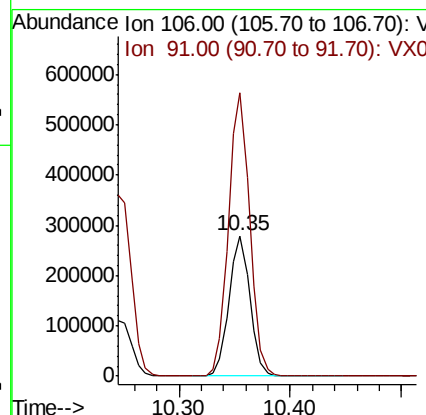
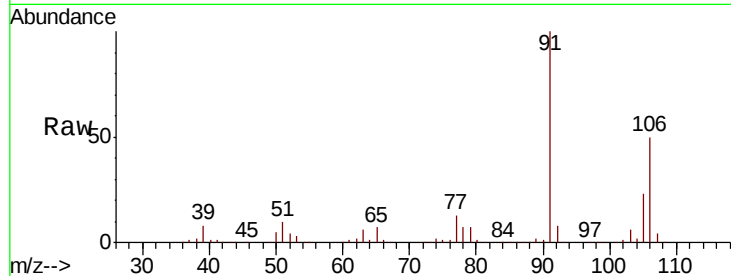




#68
m/p-Xylenes
Concen: 106.940 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012976.D
Acq: 10 Oct 2019 05:20

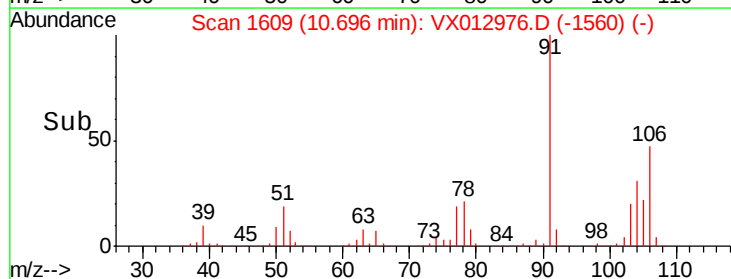
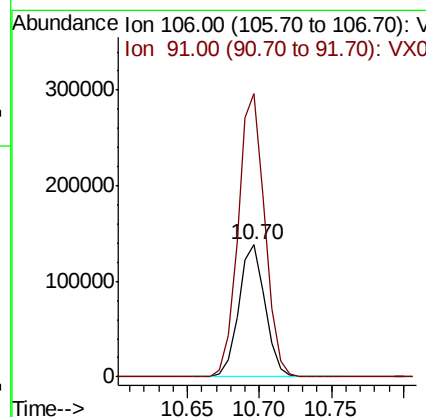
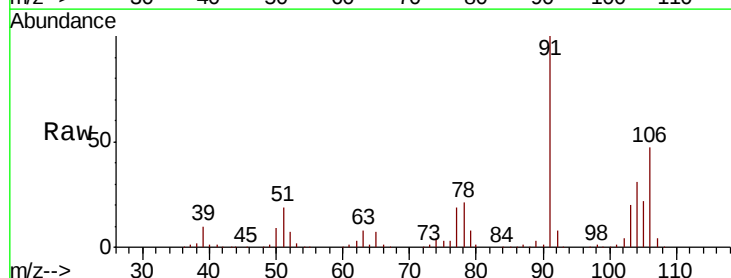
Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW1963MS

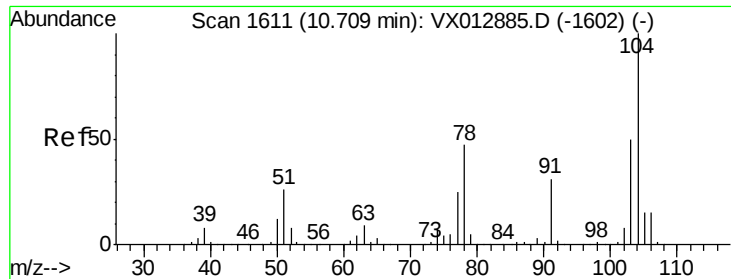
Tot Ion:106 Resp: 362859
Ion Ratio Lower Upper
106 100
91 205.1 165.3 247.9



#69
o-Xylene
Concen: 53.117 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012976.D
Acq: 10 Oct 2019 05:20

Tgt Ion:106 Resp: 175757
Ion Ratio Lower Upper
106 100
91 217.6 109.1 327.3

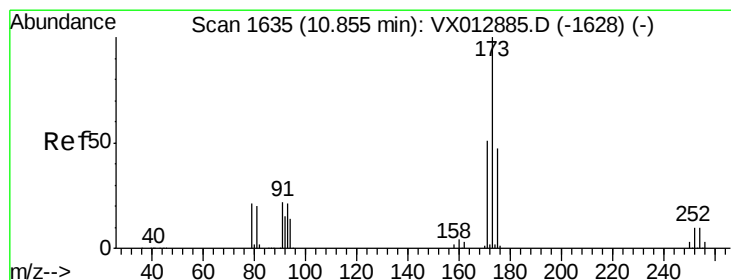
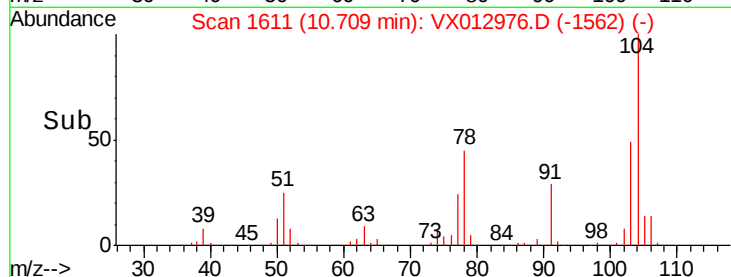
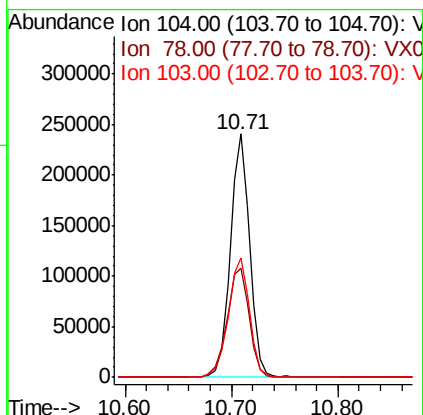
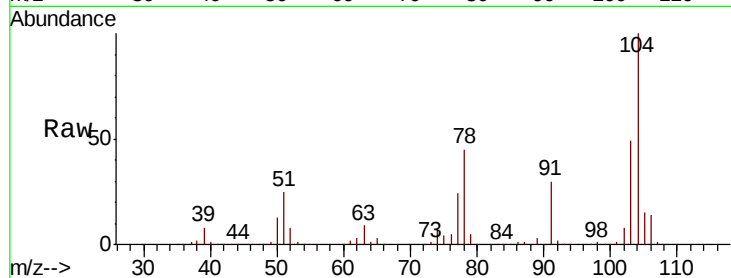




#70
Stvrene
Concen: 54.309 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012976.D
Acq: 10 Oct 2019 05:20

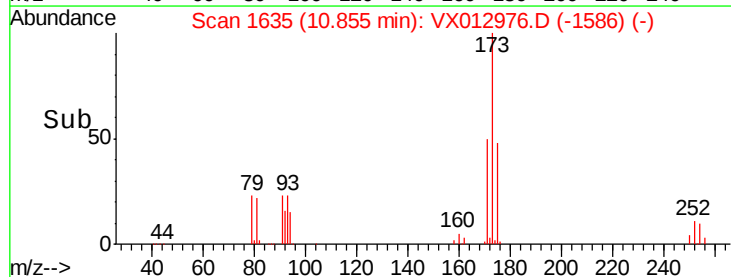
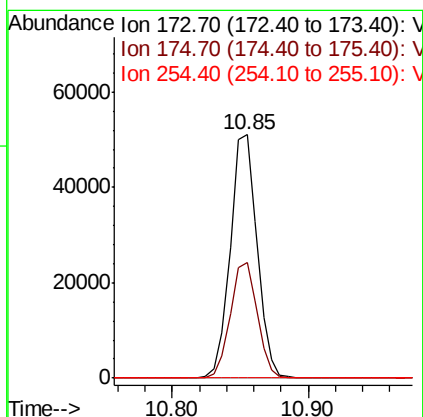
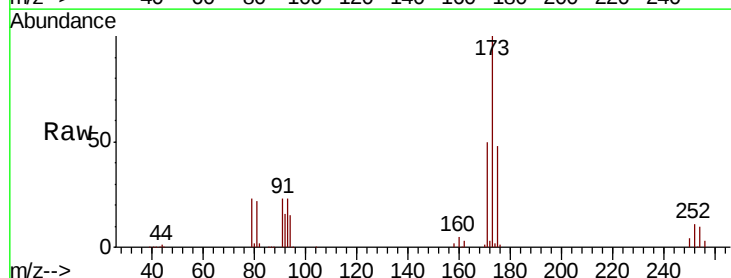
Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW1963MS

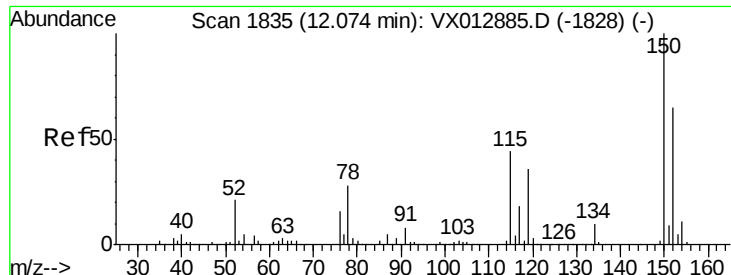
Tot Ion:104 Resp: 305497
Ion Ratio Lower Upper
104 100
78 51.9 41.2 61.8
103 53.9 43.0 64.4



#71
Bromoform
Concen: 46.506 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX012976.D
Acq: 10 Oct 2019 05:20

Tgt Ion:173 Resp: 69887
Ion Ratio Lower Upper
173 100
175 47.9 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: VX012976.D

Acq: 10 Oct 2019 05:20

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW1963MS

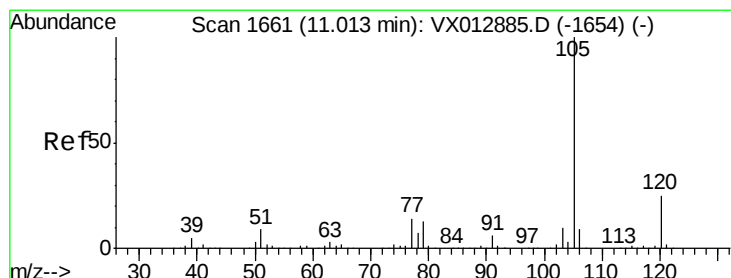
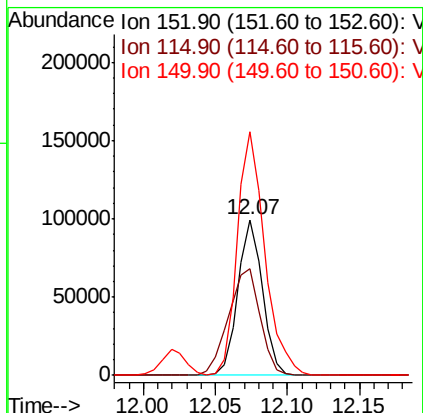
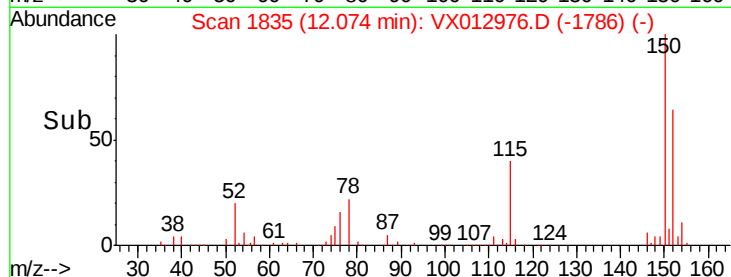
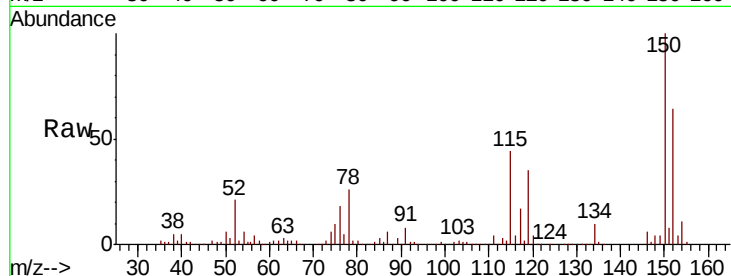
Tot Ion:152 Resp: 118040

Ion Ratio Lower Upper

152 100

115 88.9 44.5 133.5

150 175.3 0.0 353.4



#73

Isopropylbenzene

Concen: 53.812 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012976.D

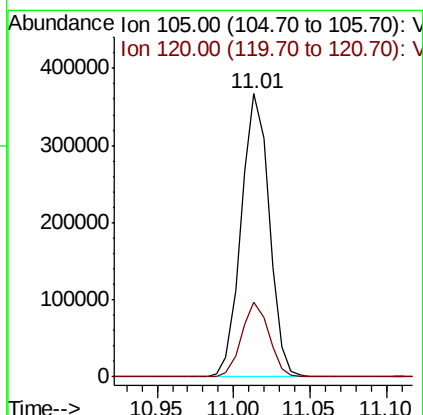
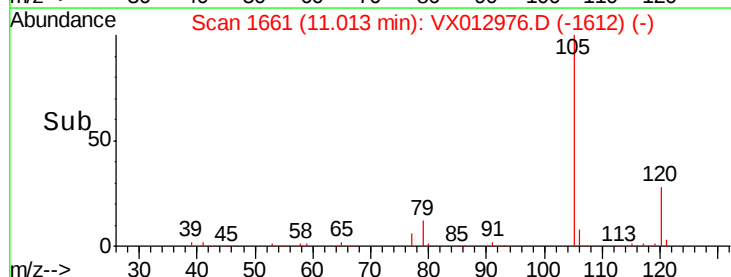
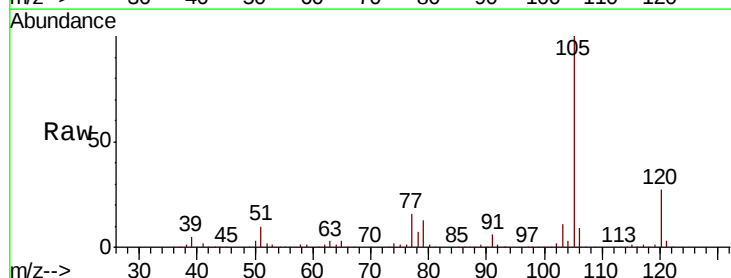
Acq: 10 Oct 2019 05:20

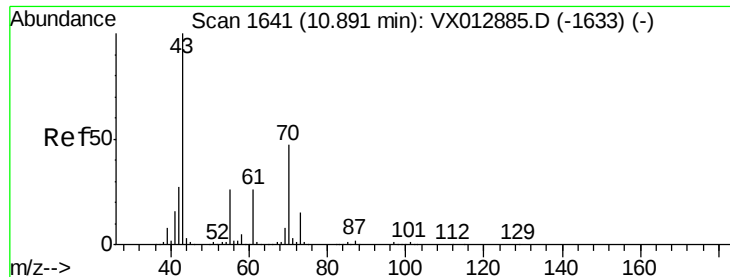
Tgt Ion:105 Resp: 467013

Ion Ratio Lower Upper

105 100

120 25.8 13.0 39.0





#74

N-amvl acetate

Concen: 50.170 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX012976.D

Acq: 10 Oct 2019 05:20

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW1963MS

Tot Ion: 43 Resp: 187516

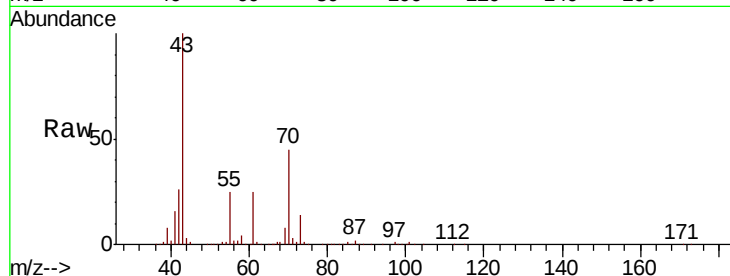
Ion Ratio Lower Upper

43 100

70 45.5 36.4 54.6

55 25.1 20.2 30.2

61 25.4 20.5 30.7

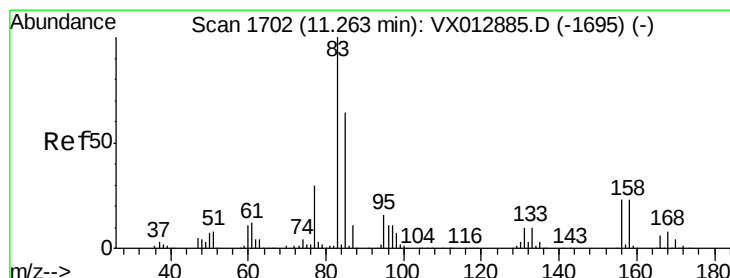
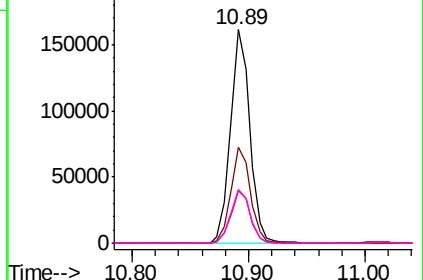
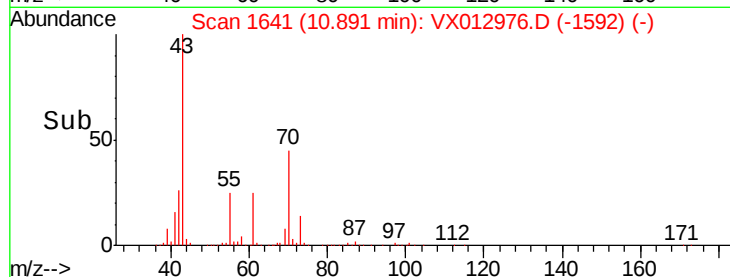


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 54.728 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012976.D

Acq: 10 Oct 2019 05:20

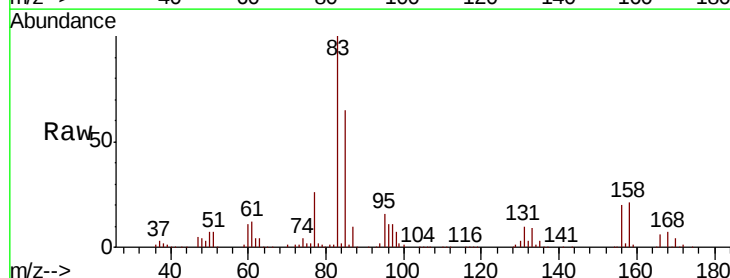
Tgt Ion: 83 Resp: 157970

Ion Ratio Lower Upper

83 100

131 10.2 5.1 15.3

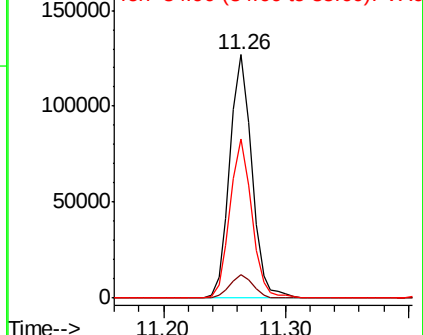
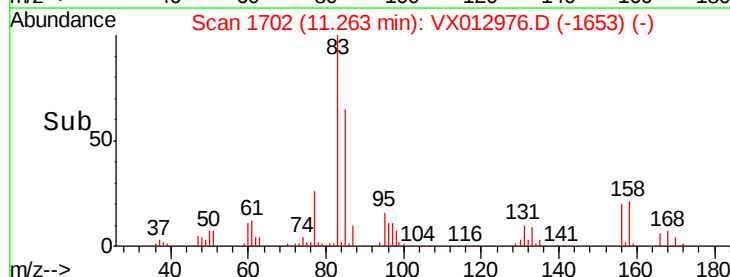
85 64.8 32.1 96.5

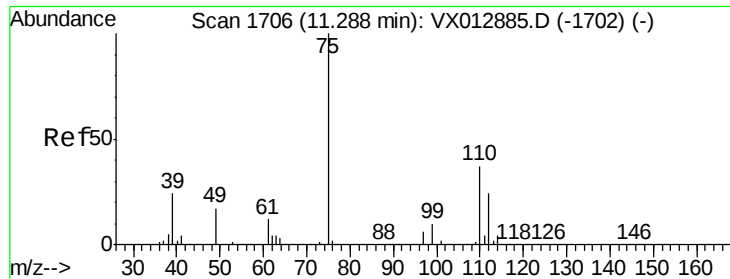


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

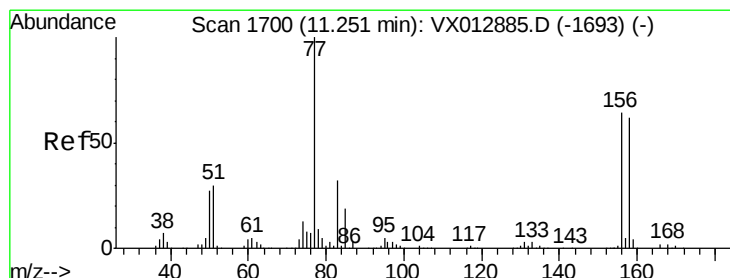
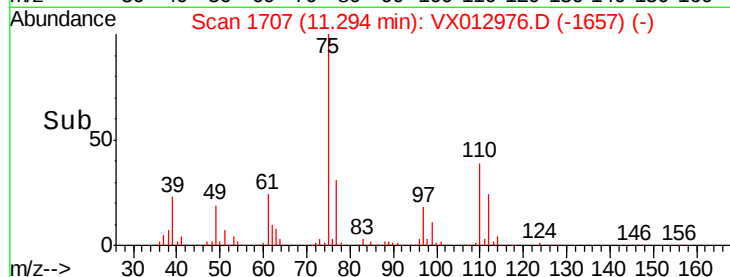
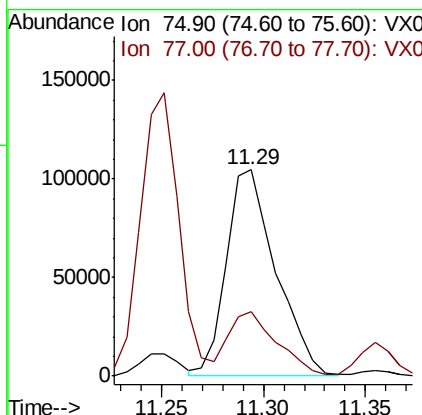
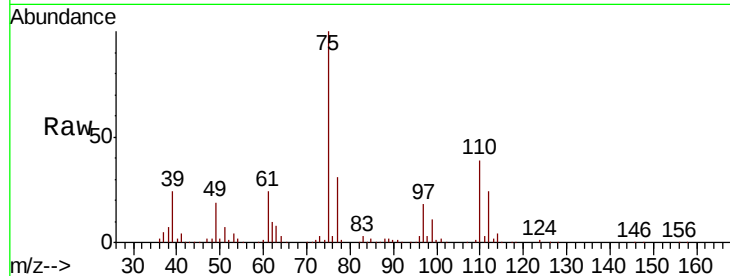




#76
 1,2,3-Trichloropropane
 Concen: 67.205 ug/l
 RT: 11.29 min Scan# 1707
 Delta R.T. 0.01 min
 Lab File: VX012976.D
 Acq: 10 Oct 2019 05:20

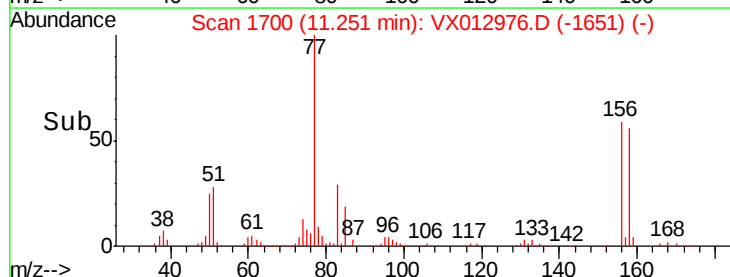
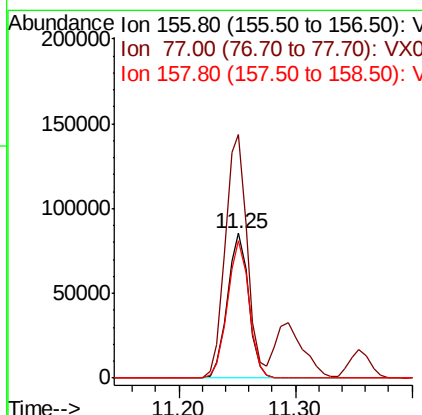
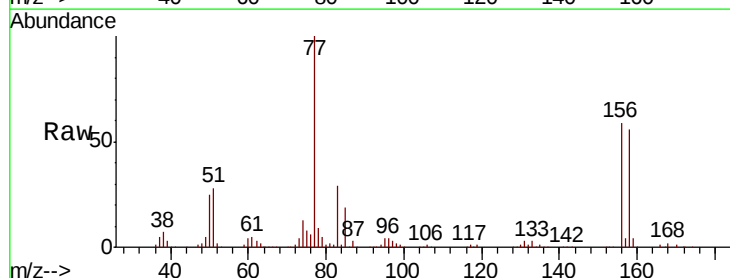
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW1963MS

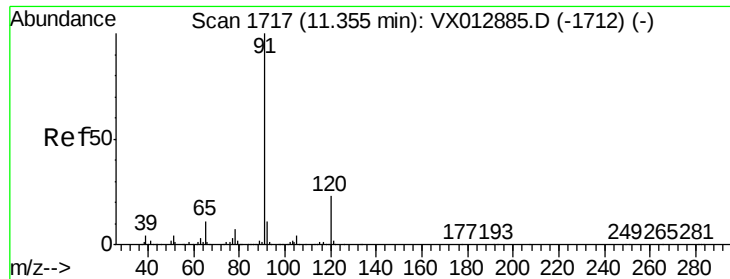
Tot Ion: 75 Resp: 175950
 Ion Ratio Lower Upper
 75 100
 77 30.3 22.9 68.8



#77
 Bromobenzene
 Concen: 53.082 ug/l
 RT: 11.25 min Scan# 1700
 Delta R.T. -0.00 min
 Lab File: VX012976.D
 Acq: 10 Oct 2019 05:20

Tgt Ion: 156 Resp: 108556
 Ion Ratio Lower Upper
 156 100
 77 173.2 83.7 251.0
 158 95.9 48.6 145.9





#78

n-propylbenzene

Concen: 54.460 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012976.D

Acq: 10 Oct 2019 05:20

Instrument :

MSVOA_X

ClientSampleId :

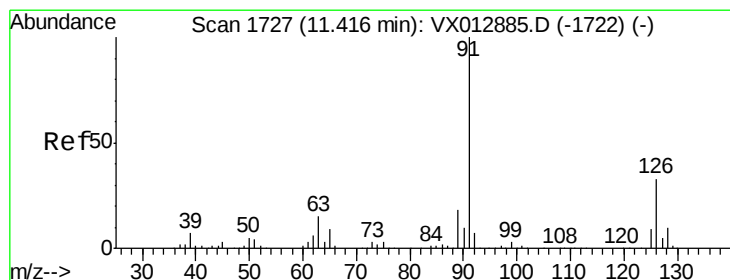
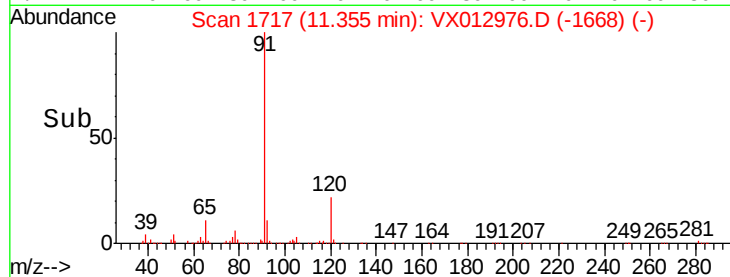
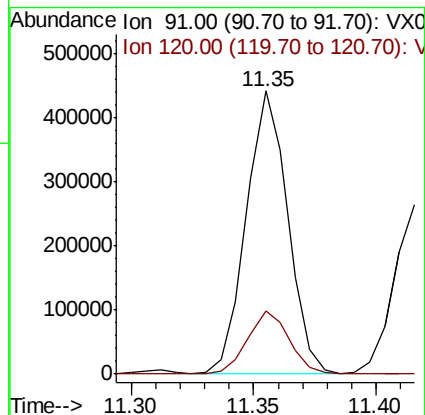
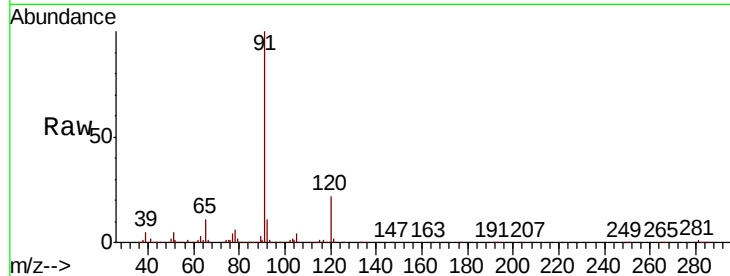
FA19-JMW1963MS

Tot Ion: 91 Resp: 520072

Ion Ratio Lower Upper

91 100

120 22.6 11.7 35.1



#79

2-Chlorotoluene

Concen: 53.106 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX012976.D

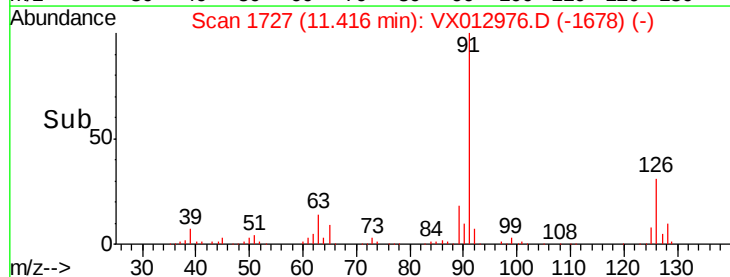
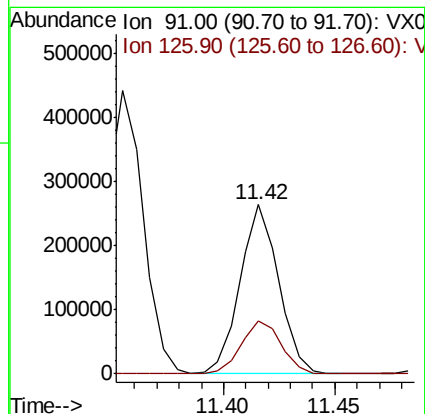
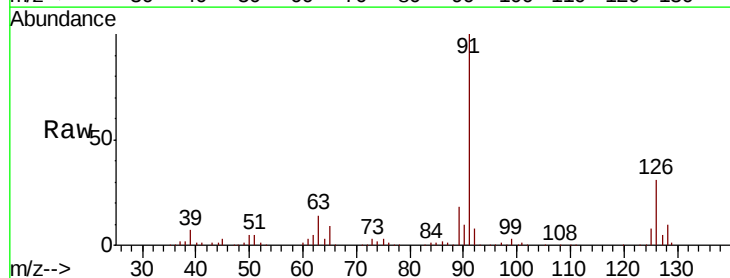
Acq: 10 Oct 2019 05:20

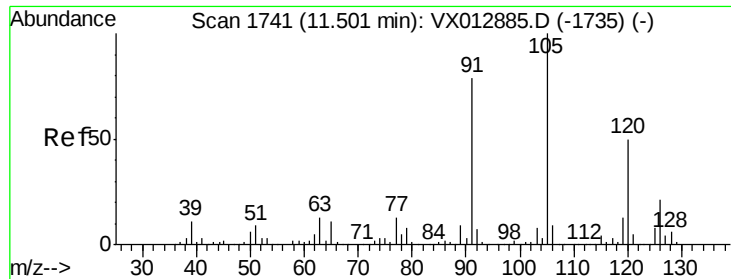
Tgt Ion: 91 Resp: 318720

Ion Ratio Lower Upper

91 100

126 32.3 16.3 48.8

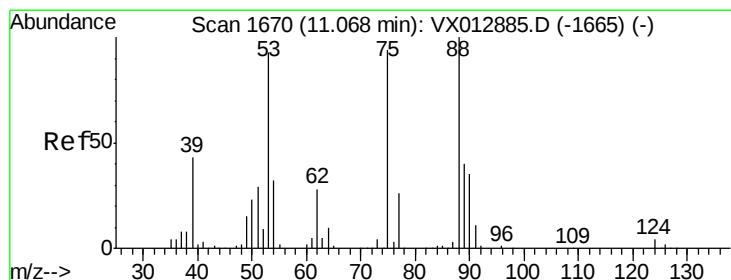
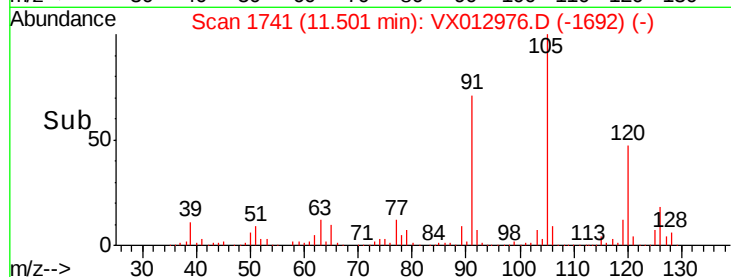
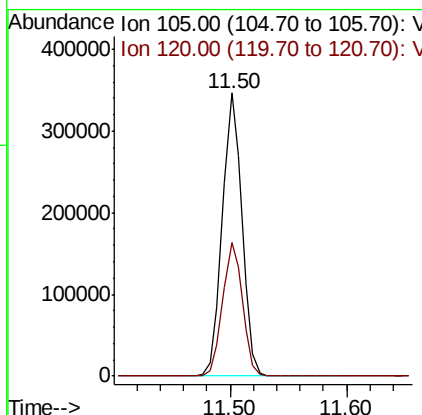
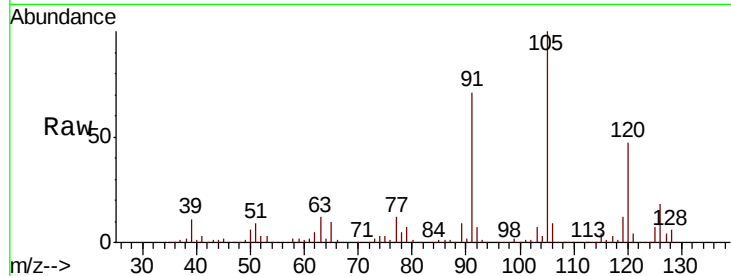




#80
 1,3,5-Trimethylbenzene
 Concen: 55.592 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX012976.D
 Acq: 10 Oct 2019 05:20

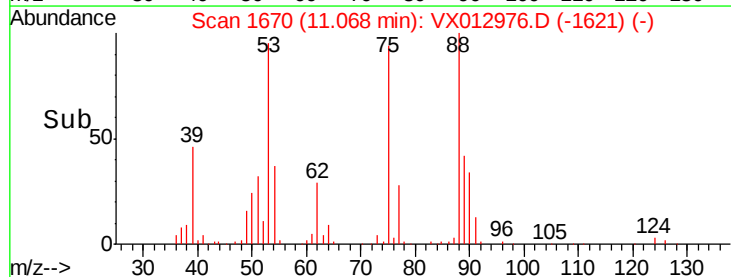
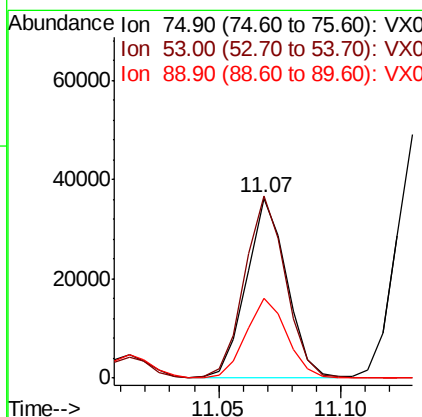
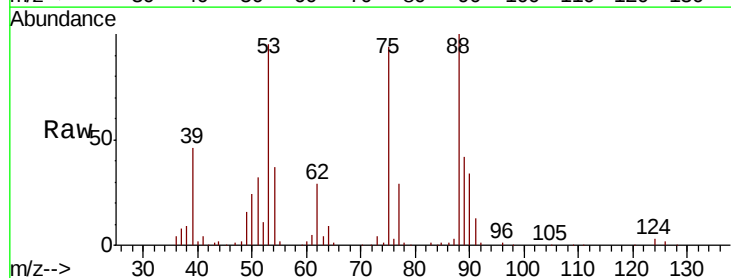
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW1963MS

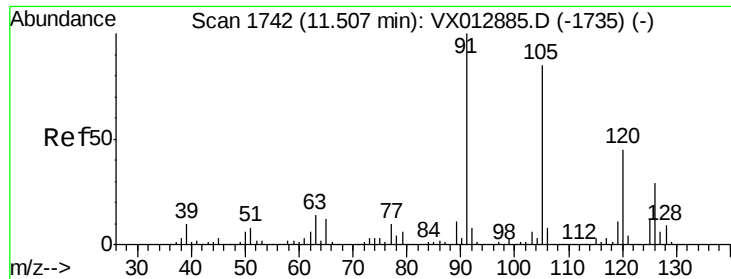
Tot Ion:105 Resp: 402849
 Ion Ratio Lower Upper
 105 100
 120 47.8 24.8 74.3



#81
 trans-1,4-Dichloro-2-butene
 Concen: 41.583 ug/l
 RT: 11.07 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: VX012976.D
 Acq: 10 Oct 2019 05:20

Tgt Ion: 75 Resp: 41575
 Ion Ratio Lower Upper
 75 100
 53 103.6 78.5 117.7
 89 45.5 37.4 56.2

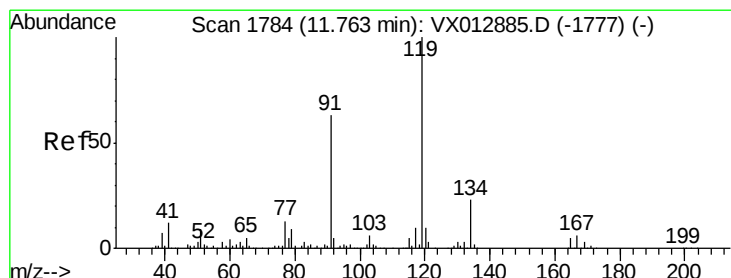
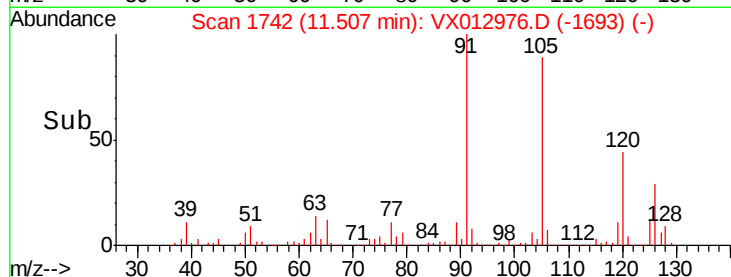
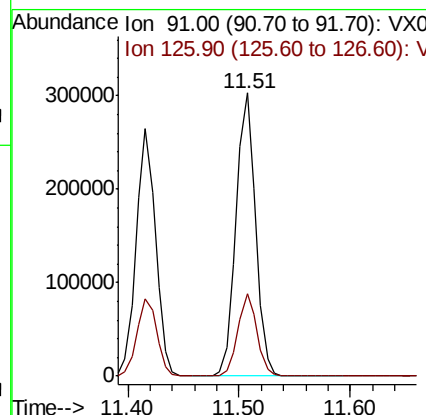
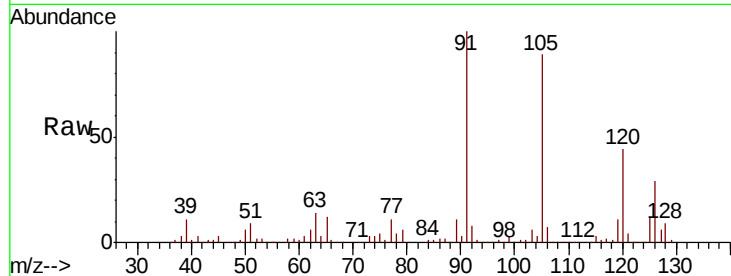




#82
4-Chlorotoluene
Concen: 53.450 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX012976.D
Acq: 10 Oct 2019 05:20

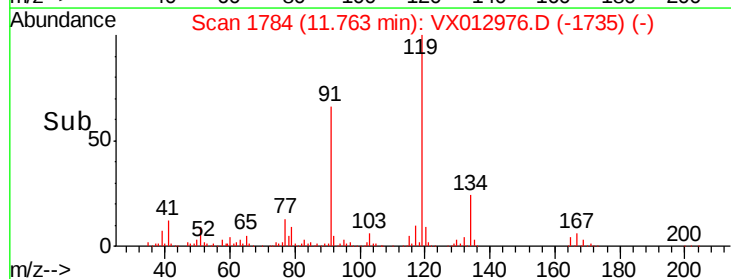
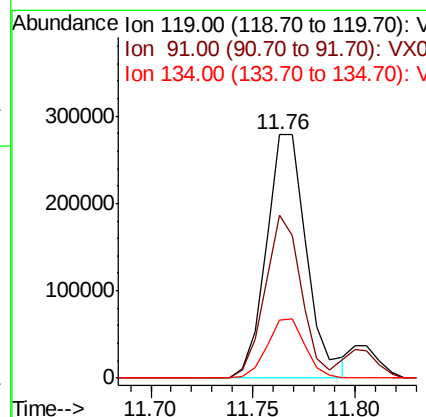
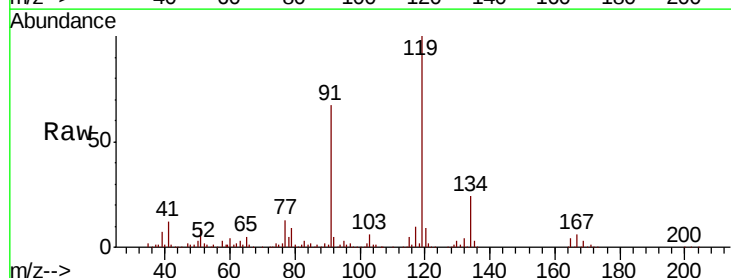
Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW1963MS

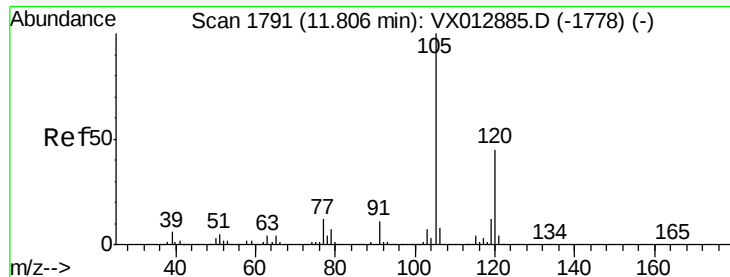
Tot Ion: 91 Resp: 367684
Ion Ratio Lower Upper
91 100
126 28.5 14.2 42.6



#83
tert-Butylbenzene
Concen: 54.396 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX012976.D
Acq: 10 Oct 2019 05:20

Tgt Ion: 119 Resp: 384524
Ion Ratio Lower Upper
119 100
91 60.2 29.3 87.9
134 22.9 11.5 34.4

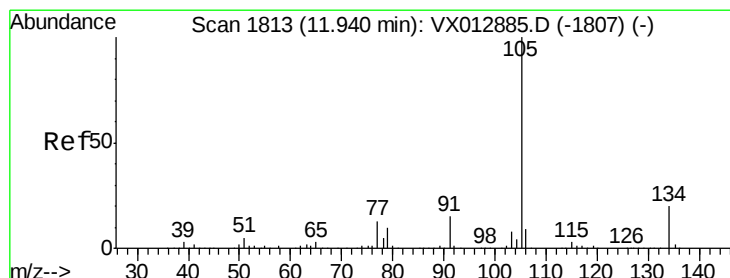
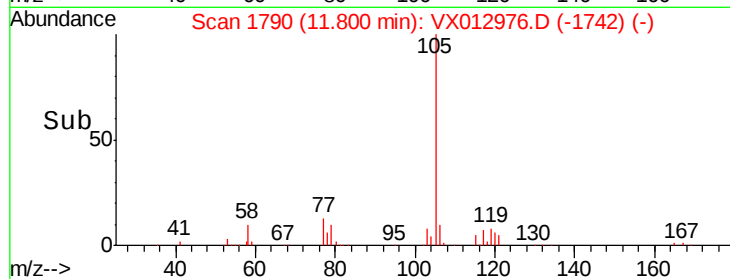
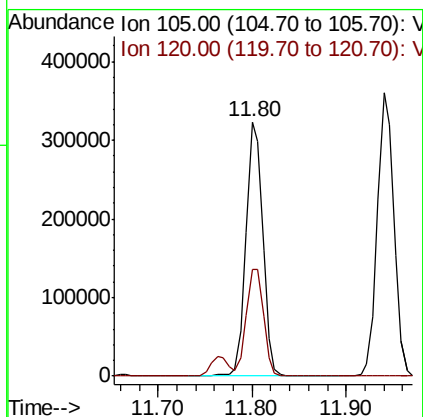
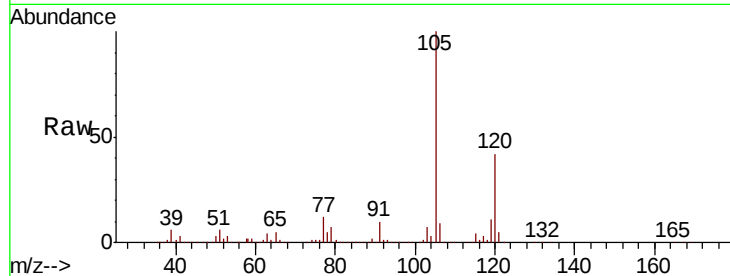




#84
 1,2,4-Trimethylbenzene
 Concen: 54.846 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX012976.D
 Acq: 10 Oct 2019 05:20

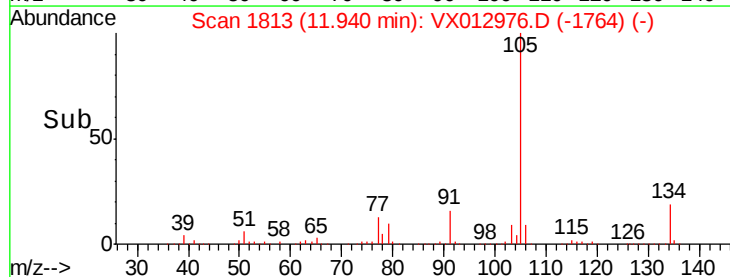
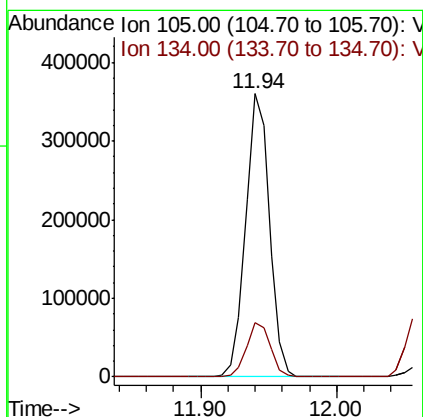
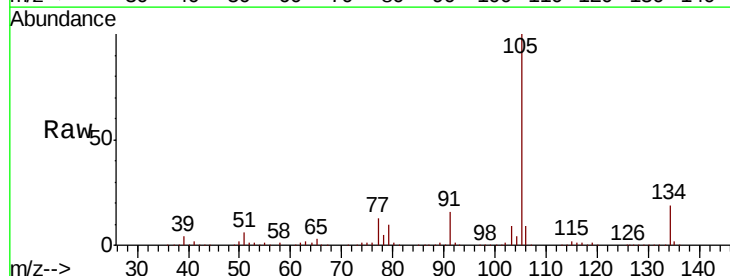
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW1963MS

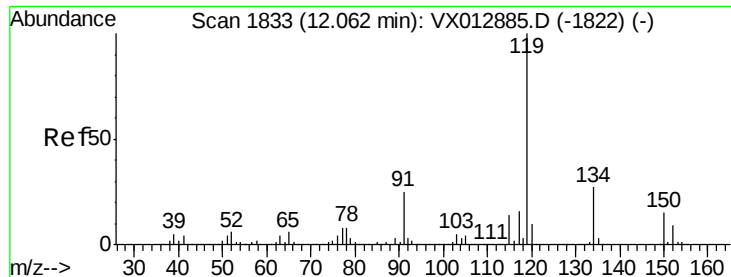
Tot Ion:105 Resp: 402525
 Ion Ratio Lower Upper
 105 100
 120 43.4 21.8 65.3



#85
 sec-Butylbenzene
 Concen: 53.841 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX012976.D
 Acq: 10 Oct 2019 05:20

Tgt Ion:105 Resp: 440944
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.0 30.0

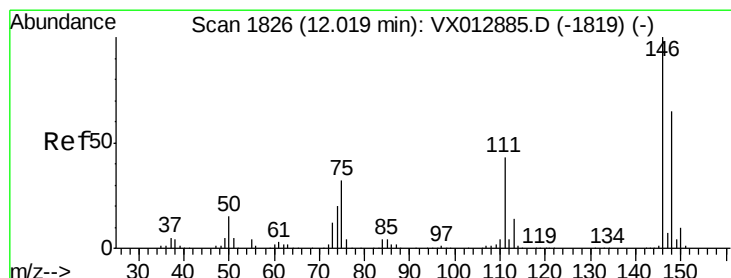
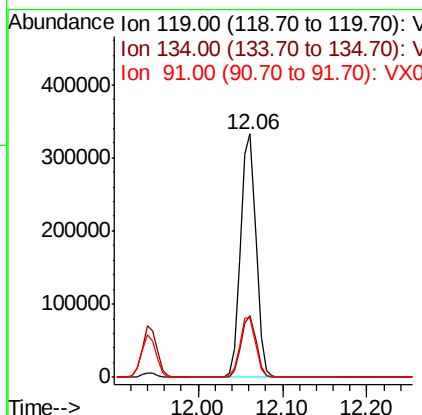
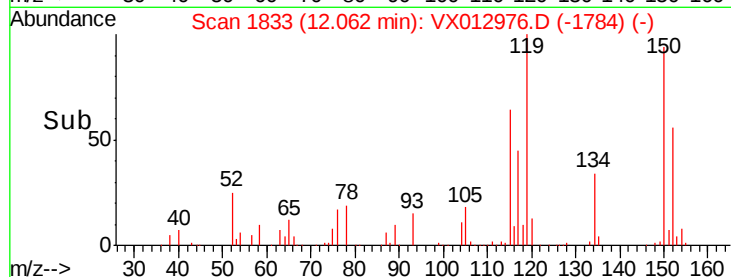
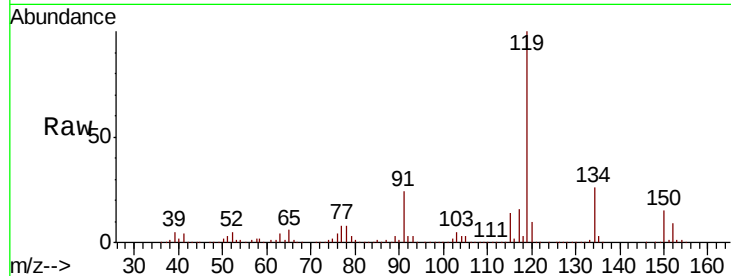




#86
p-Isopropyltoluene
Concen: 53.055 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VX012976.D
Acq: 10 Oct 2019 05:20

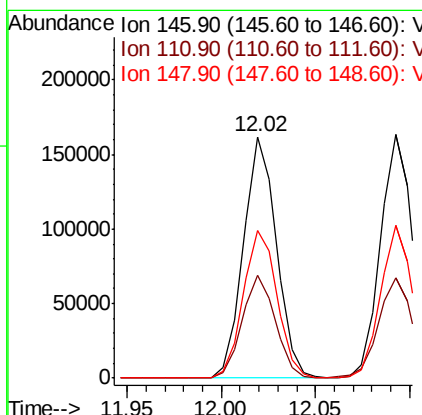
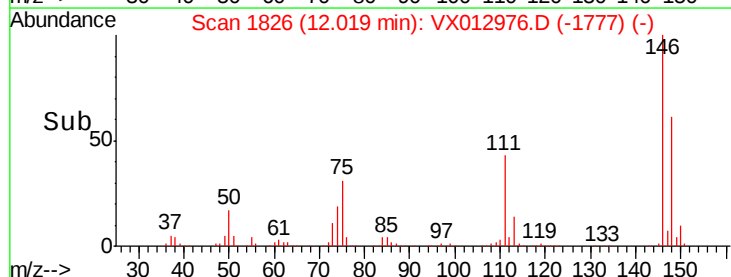
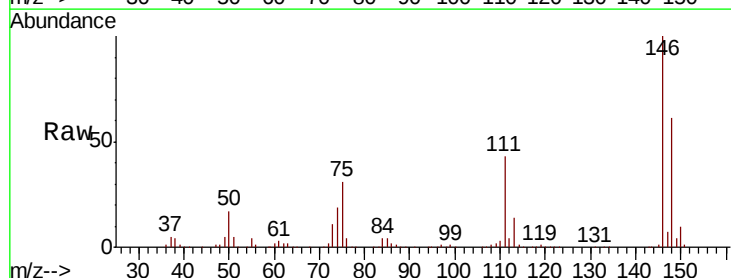
Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW1963MS

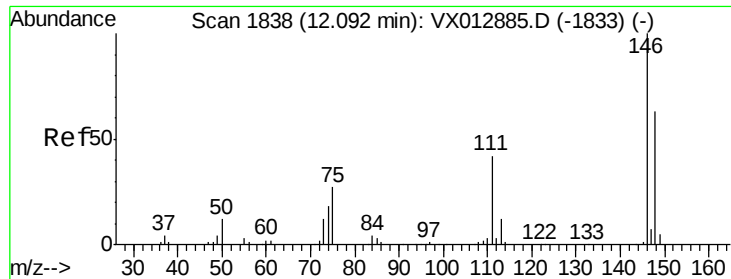
Tot Ion:119 Resp: 402983
Ion Ratio Lower Upper
119 100
134 25.1 12.6 37.8
91 25.1 12.4 37.4



#87
1,3-Dichlorobenzene
Concen: 51.851 ug/l
RT: 12.02 min Scan# 1826
Delta R.T. -0.00 min
Lab File: VX012976.D
Acq: 10 Oct 2019 05:20

Tgt Ion:146 Resp: 196917
Ion Ratio Lower Upper
146 100
111 42.8 21.1 63.4
148 62.8 31.6 95.0

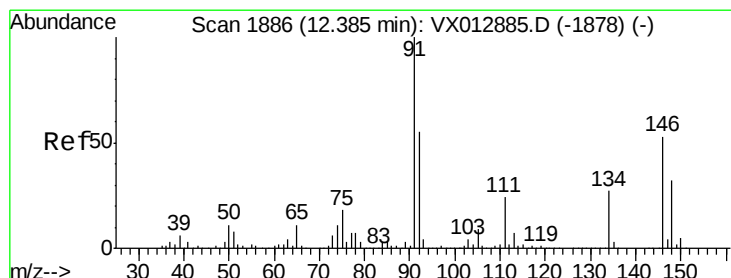
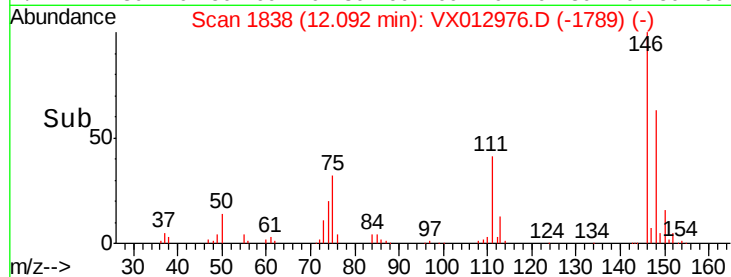
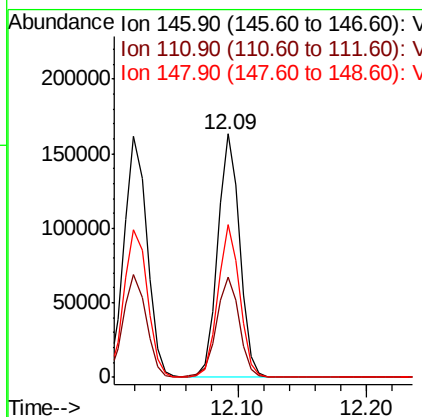
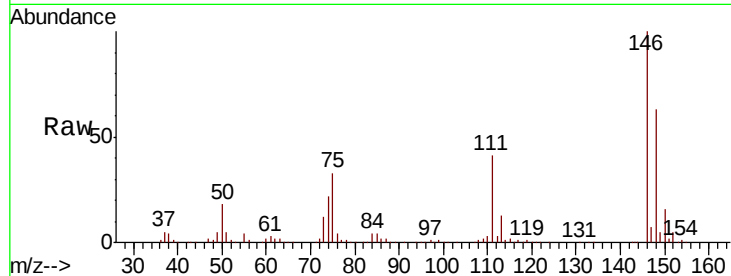




#88
 1,4-Dichlorobenzene
 Concen: 51.095 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX012976.D
 Acq: 10 Oct 2019 05:20

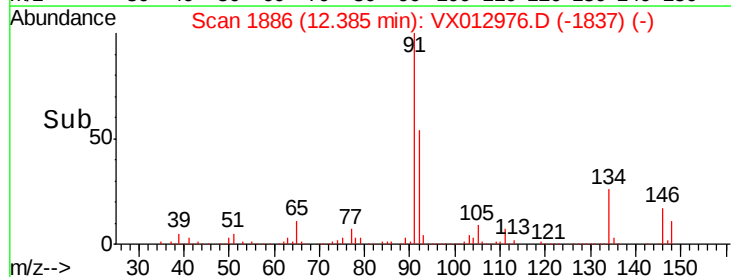
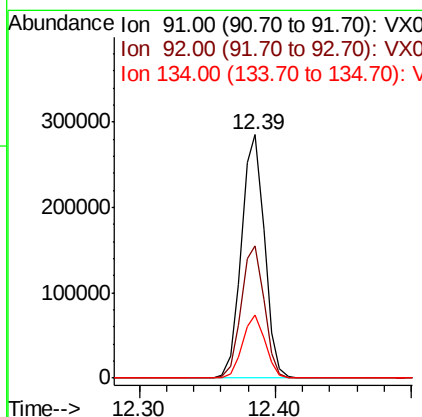
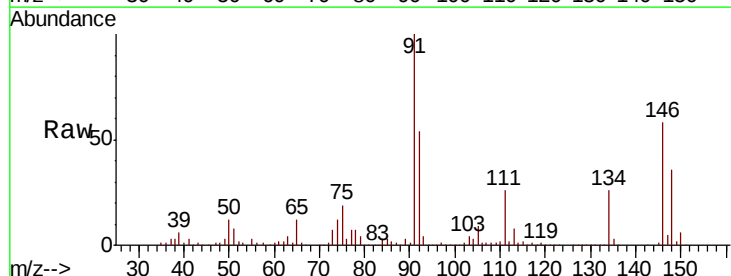
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW1963MS

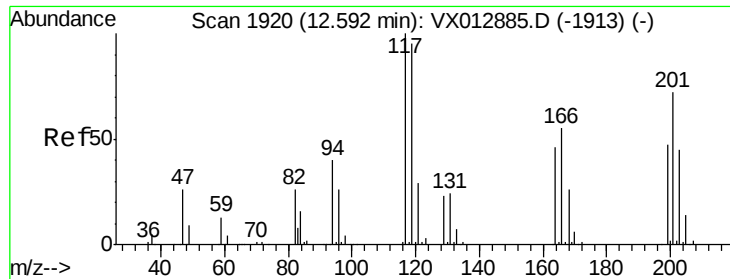
Tot Ion:146 Resp: 196523
 Ion Ratio Lower Upper
 146 100
 111 42.8 21.4 64.3
 148 62.3 32.1 96.5



#89
 n-Butylbenzene
 Concen: 52.625 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012976.D
 Acq: 10 Oct 2019 05:20

Tgt Ion: 91 Resp: 335942
 Ion Ratio Lower Upper
 91 100
 92 54.6 27.5 82.5
 134 25.5 12.9 38.7





#90

Hexachloroethane

Concen: 48.816 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX012976.D

Acq: 10 Oct 2019 05:20

Instrument :

MSVOA_X

ClientSampleId :

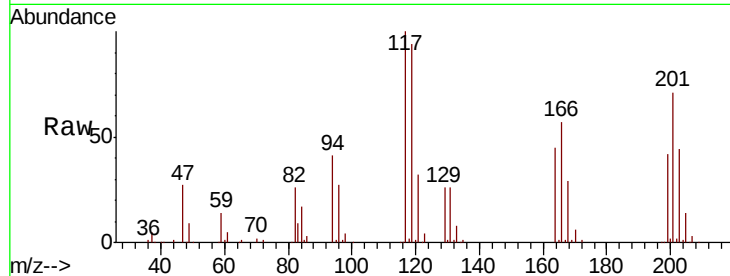
FA19-JMW1963MS

Tot Ion:117 Resp: 68600

Ion Ratio Lower Upper

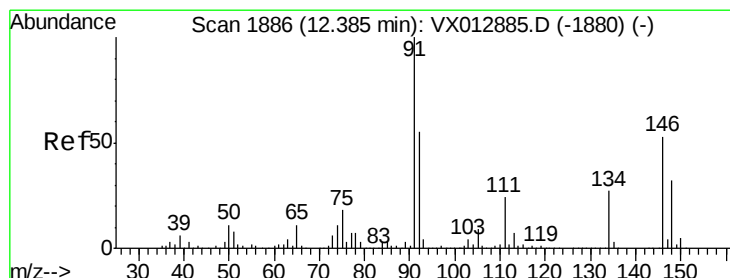
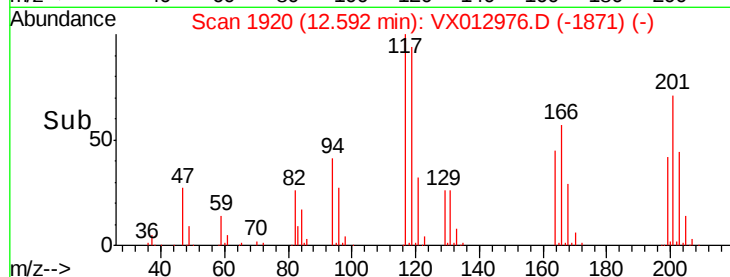
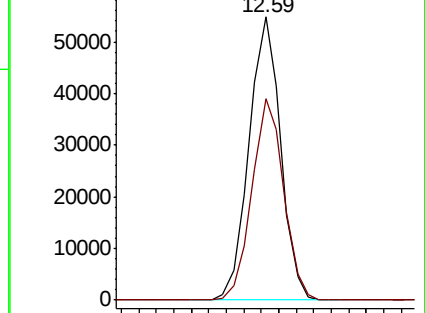
117 100

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: 53.123 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX012976.D

Acq: 10 Oct 2019 05:20

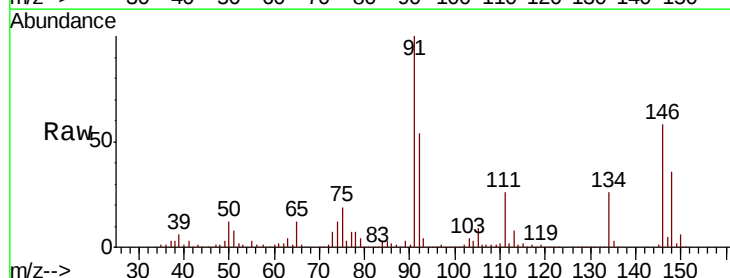
Tgt Ion:146 Resp: 197784

Ion Ratio Lower Upper

146 100

111 45.3 22.7 68.0

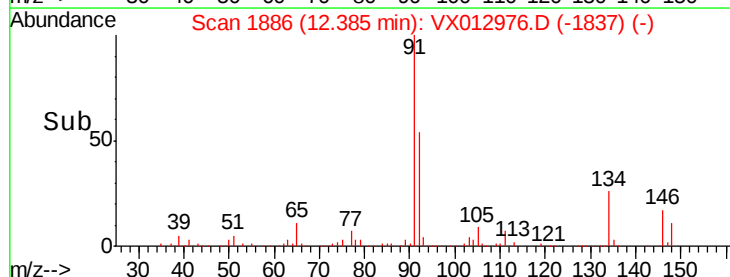
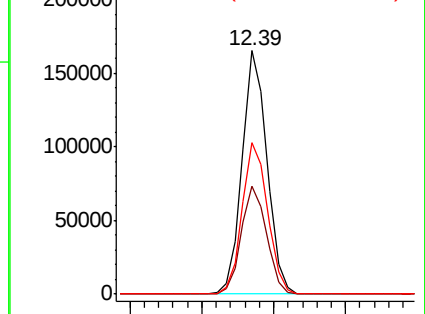
148 63.8 31.6 94.7

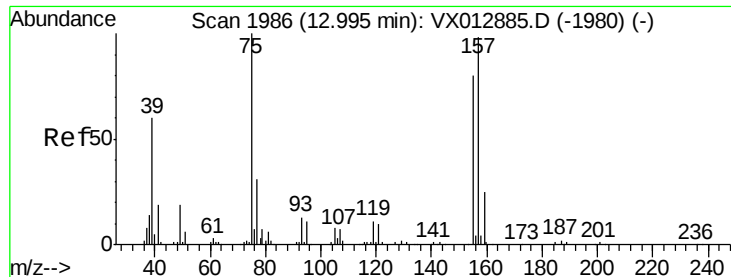


Abundance Ion 145.90 (145.60 to 146.60): V

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: 54.496 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VX012976.D

Acq: 10 Oct 2019 05:20

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW1963MS

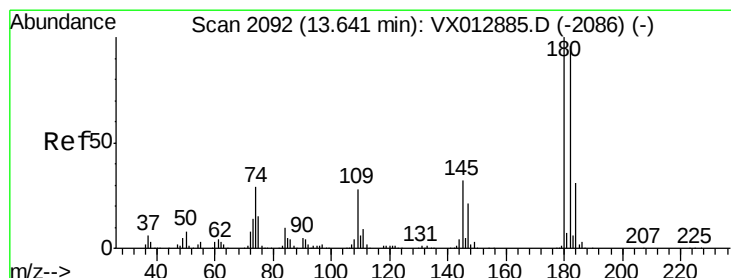
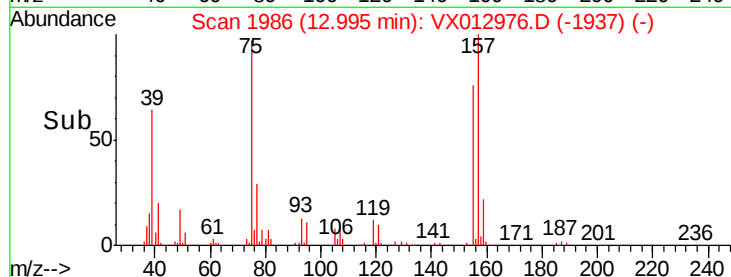
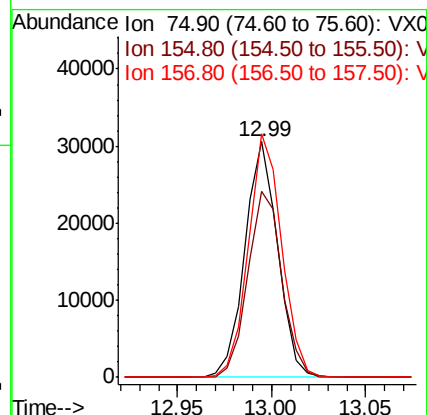
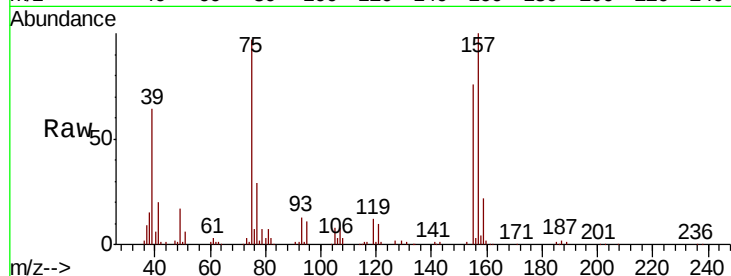
Tot Ion: 75 Resp: 36869

Ion Ratio Lower Upper

75 100

155 81.9 43.0 128.8

157 104.8 54.1 162.3



#93

1,2,4-Trichlorobenzene

Concen: 51.224 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. -0.00 min

Lab File: VX012976.D

Acq: 10 Oct 2019 05:20

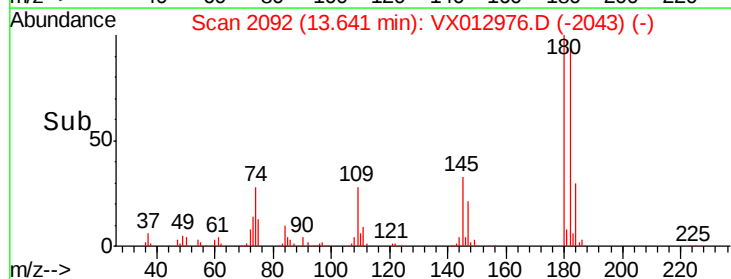
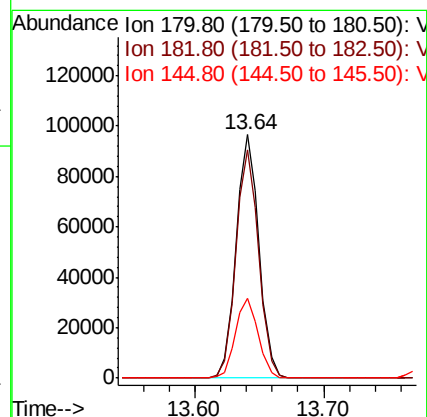
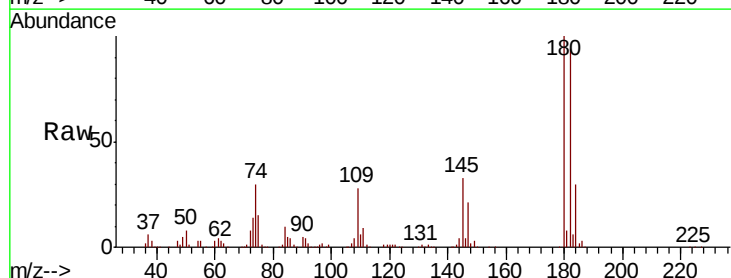
Tgt Ion:180 Resp: 119467

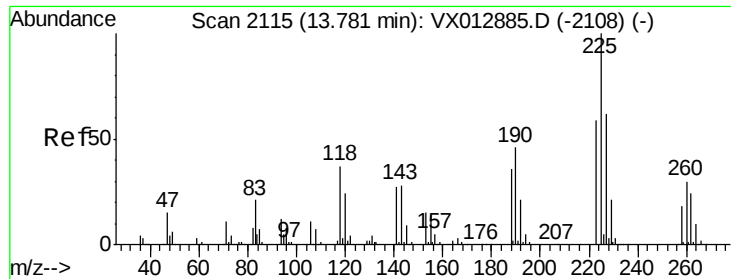
Ion Ratio Lower Upper

180 100

182 93.5 46.8 140.4

145 32.9 16.2 48.6





#94

Hexachlorobutadiene

Concen: 48.281 ug/l

RT: 13.78 min Scan# 2115

Delta R.T. -0.00 min

Lab File: VX012976.D

Acq: 10 Oct 2019 05:20

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW1963MS

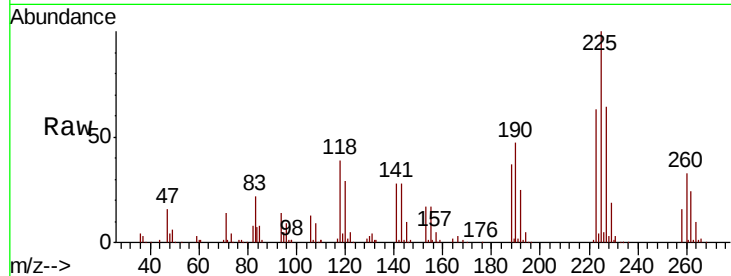
Tot Ion:225 Resp: 51967

Ion Ratio Lower Upper

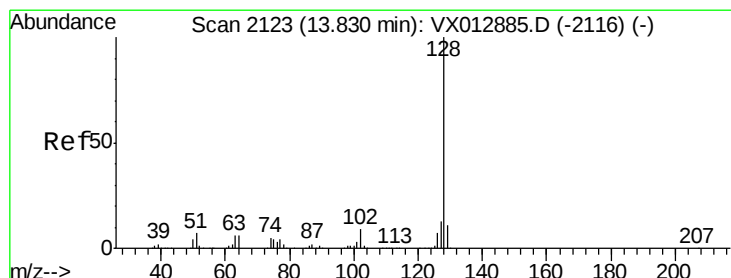
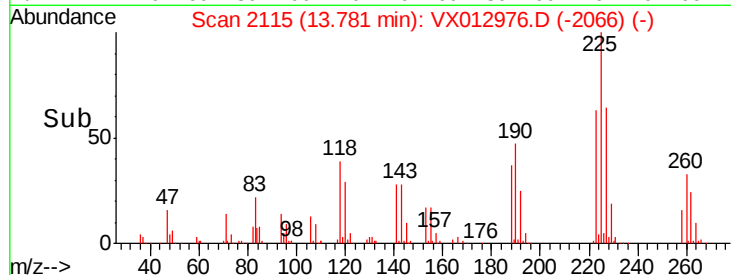
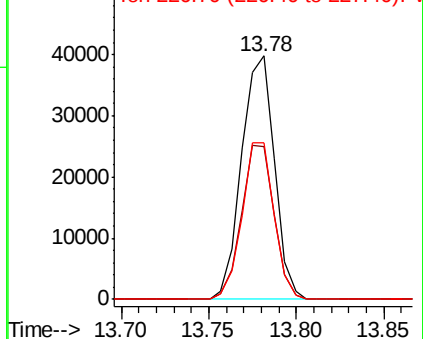
225 100

223 63.0 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: 52.352 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX012976.D

Acq: 10 Oct 2019 05:20

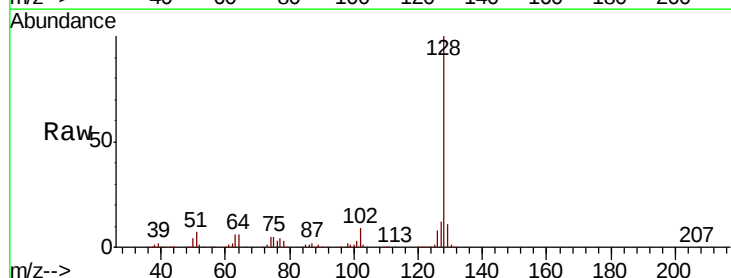
Tgt Ion:128 Resp: 423252

Ion Ratio Lower Upper

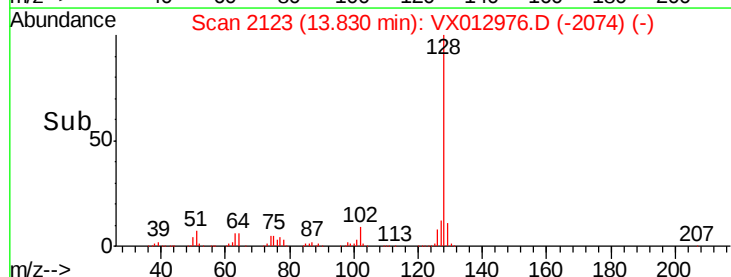
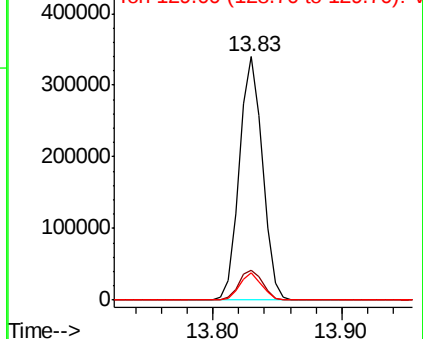
128 100

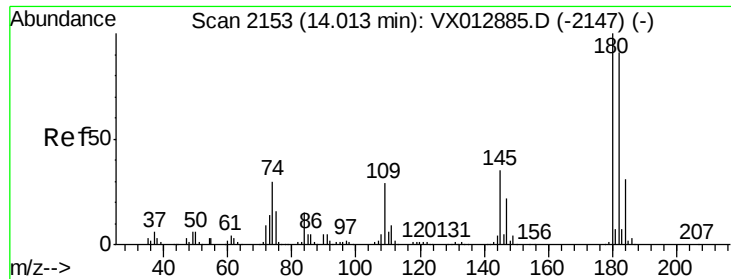
127 12.7 10.2 15.4

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: 48.692 ug/l
 RT: 14.01 min Scan# 2153
 Delta R.T. -0.00 min
 Lab File: VX012976.D
 Acq: 10 Oct 2019 05:20

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW1963MS

Tot Ion	Ratio	Lower	Upper
180	100		
182	98.1	47.5	142.5
145	36.7	17.4	52.3

