

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071519\
 Data File : VX010896.D
 Acq On : 15 Jul 2019 19:44
 Operator : JC/SP
 Sample : K3791-04MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0600MSD

Quant Time: Jul 16 02:02:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	261262	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	396603	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	366330	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	192562	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	113402	46.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.58%	
35) Dibromofluoromethane	5.49	113	106038	43.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.40%	
50) Toluene-d8	8.71	98	379065	40.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.66%	
62) 4-Bromofluorobenzene	11.13	95	150665	44.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	84920	46.753	ug/l	100
3) Chloromethane	1.32	50	90287	42.688	ug/l	98
4) Vinyl Chloride	1.41	62	98056	42.327	ug/l	97
5) Bromomethane	1.64	94	51756	45.858	ug/l	96
6) Chloroethane	1.71	64	61098	44.703	ug/l	100
7) Trichlorofluoromethane	1.93	101	173997	47.380	ug/l	99
8) Diethyl Ether	2.19	74	60233	45.736	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	98623	44.315	ug/l	99
10) Methyl Iodide	2.51	142	136236	42.894	ug/l	96
11) Tert butyl alcohol	3.05	59	144491	225.423	ug/l	100
12) 1,1-Dichloroethene	2.37	96	99619	43.990	ug/l	98
13) Acrolein	2.29	56	107360	252.488	ug/l	98
14) Allyl chloride	2.73	41	144942	45.083	ug/l	95
15) Acrylonitrile	3.14	53	292475	230.465	ug/l	99
16) Acetone	2.45	43	242985	197.925	ug/l	96
17) Carbon Disulfide	2.57	76	233708	38.467	ug/l	100
18) Methyl Acetate	2.78	43	105687	43.194	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	335703	47.122	ug/l	99
20) Methylene Chloride	2.85	84	113536	44.939	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	105251	43.214	ug/l	97
22) Diisopropyl ether	3.86	45	315877	46.992	ug/l #	87
23) Vinyl Acetate	3.81	43	1272547	219.141	ug/l	98
24) 1,1-Dichloroethane	3.70	63	183486	47.223	ug/l	99
25) 2-Butanone	4.67	43	402018	223.241	ug/l	98
26) 2,2-Dichloropropane	4.59	77	130607	38.695	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	125751	44.680	ug/l	98
28) Bromochloromethane	5.01	49	78257	42.125	ug/l	93
29) Tetrahydrofuran	5.13	42	256094	229.590	ug/l	98
30) Chloroform	5.21	83	196254	46.944	ug/l	100
31) Cyclohexane	5.58	56	153199	43.297	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	173788	47.079	ug/l	99
36) 1,1-Dichloropropene	5.80	75	137918	43.761	ug/l	98
37) Ethyl Acetate	4.83	43	140270	43.263	ug/l	98
38) Carbon Tetrachloride	5.79	117	151966	44.528	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	170036	41.044	ug/l	98
40) Benzene	6.14	78	432263	44.024	ug/l	100
41) Methacrylonitrile	5.04	41	83479	46.925	ug/l	97
42) 1,2-Dichloroethane	6.20	62	150822	50.461	ug/l	97
43) Isopropyl Acetate	6.45	43	235268	43.858	ug/l	98
44) Trichloroethene	7.21	130	125367	42.670	ug/l	99
45) 1,2-Dichloropropane	7.51	63	111799	45.089	ug/l	99
46) Dibromomethane	7.66	93	81256	45.675	ug/l	95
47) Bromodichloromethane	7.90	83	150767	46.244	ug/l	99
48) Methyl methacrylate	7.77	41	119481	47.919	ug/l	98
49) 1,4-Dioxane	7.74	88	62936	876.203	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	815693	237.757	ug/l	99
52) Toluene	8.78	92	282196	43.643	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	160353	43.870	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	172887	43.525	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	121370	45.513	ug/l	98
56) Ethyl methacrylate	9.18	69	187312	46.367	ug/l	95
57) 1,3-Dichloropropane	9.37	76	192855	46.588	ug/l	99
59) 2-Hexanone	9.49	43	634002	234.803	ug/l	97
60) Dibromochloromethane	9.58	129	132631	44.420	ug/l	99
61) 1,2-Dibromoethane	9.67	107	130990	45.508	ug/l	100
64) Tetrachloroethene	9.33	164	114263	38.564	ug/l	96
65) Chlorobenzene	10.14	112	323860	43.546	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	121783	44.955	ug/l	99
67) Ethyl Benzene	10.25	91	561427	44.715	ug/l	99
68) m/p-Xylenes	10.36	106	426011	87.567	ug/l	95
69) o-Xylene	10.69	106	211435	44.194	ug/l	97
70) Styrene	10.71	104	363073	45.252	ug/l	97
71) Bromoform	10.85	173	102501	43.510	ug/l	100
73) Isopropylbenzene	11.02	105	569503	43.629	ug/l	98
74) N-amyl acetate	10.90	43	212716	43.120	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	190667	44.106	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	211124	60.167	ug/l	80
77) Bromobenzene	11.26	156	156085	42.823	ug/l	97
78) n-propylbenzene	11.36	91	637666	44.448	ug/l	99
79) 2-Chlorotoluene	11.42	91	375956	44.009	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	476722	44.301	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	55170	36.679	ug/l #	87
82) 4-Chlorotoluene	11.51	91	442998	45.572	ug/l	98
83) tert-Butylbenzene	11.77	119	478014	44.258	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	484016	44.769	ug/l	98
85) sec-Butylbenzene	11.94	105	561469	44.275	ug/l	99
86) p-Isopropyltoluene	12.06	119	517853	44.148	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	273861	43.044	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	270982	41.836	ug/l	99
89) n-Butylbenzene	12.38	91	439967	44.140	ug/l	99
90) Hexachloroethane	12.60	117	84807	41.813	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	271316	42.907	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	40522	43.477	ug/l	90
93) 1,2,4-Trichlorobenzene	13.65	180	187009	42.646	ug/l	99

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Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

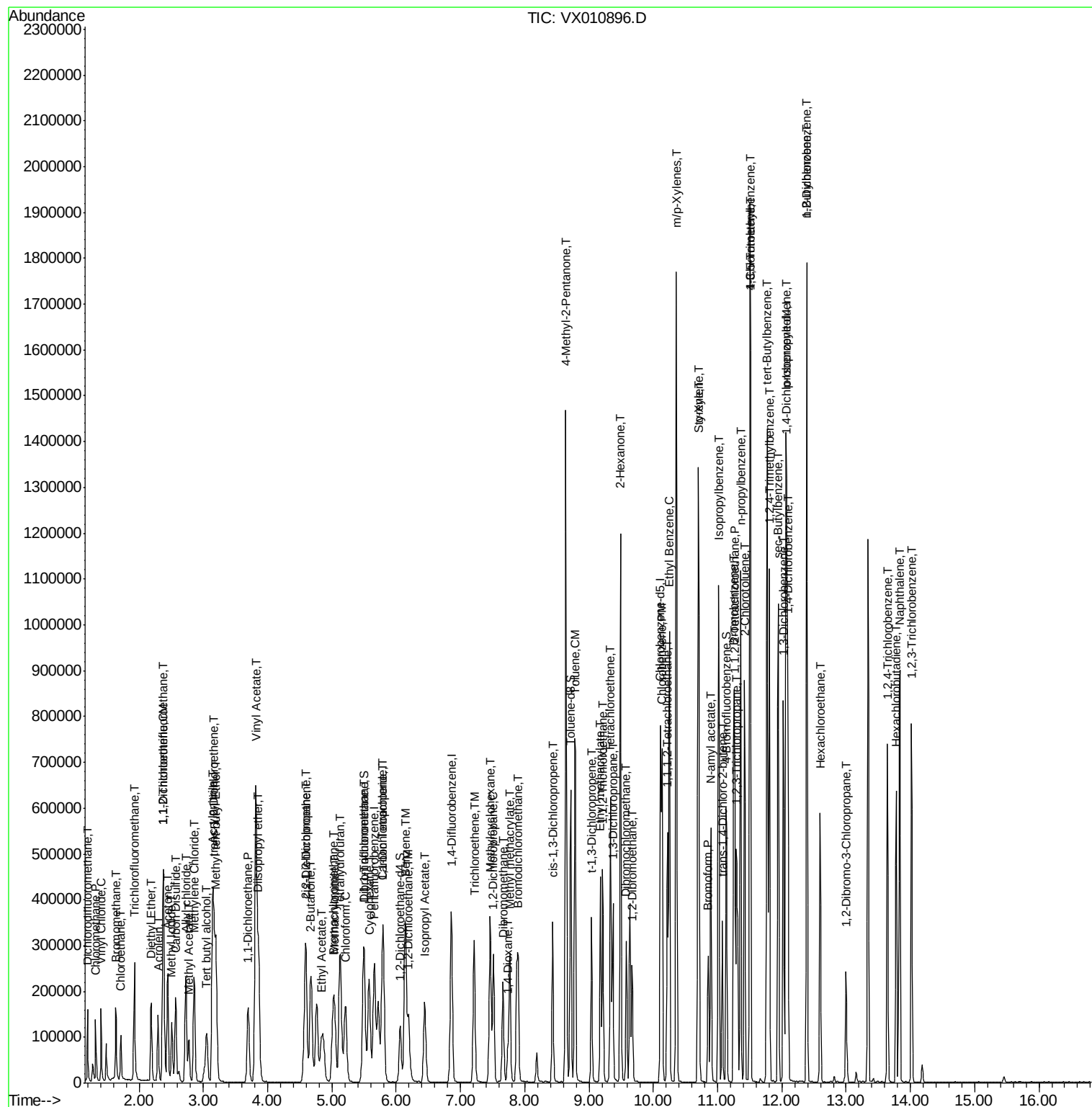
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	88125	41.119	ug/l	97
95) Naphthalene	13.83	128	573457	42.555	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	188423	43.217	ug/l	100

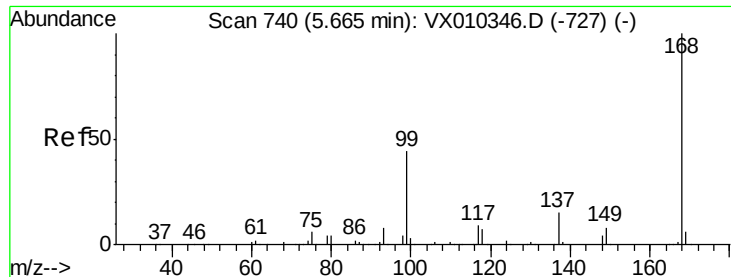
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX010896.D

Acq: 15 Jul 2019 19:44

Instrument :

MSVOA_X

ClientSampleId :

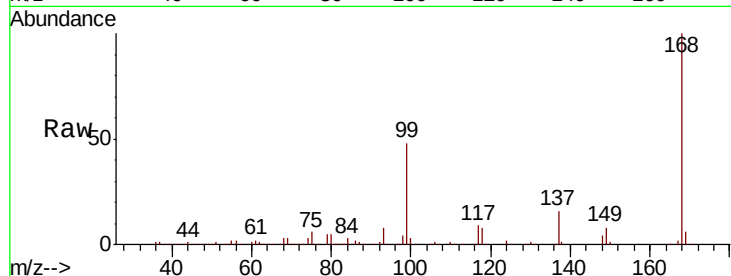
FL-0600MSD

Tot Ion:168 Resp: 261262

Ion Ratio Lower Upper

168 100

99 47.5 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

100000

80000

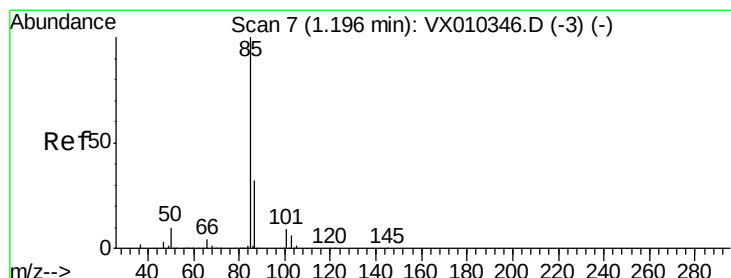
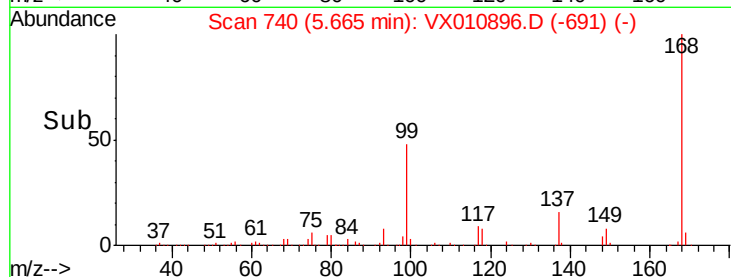
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 46.753 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX010896.D

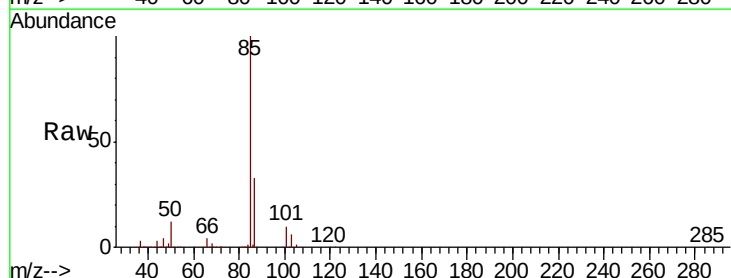
Acq: 15 Jul 2019 19:44

Tgt Ion: 85 Resp: 84920

Ion Ratio Lower Upper

85 100

87 32.7 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

100000

80000

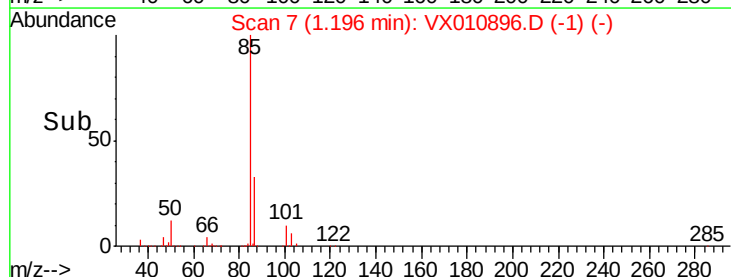
60000

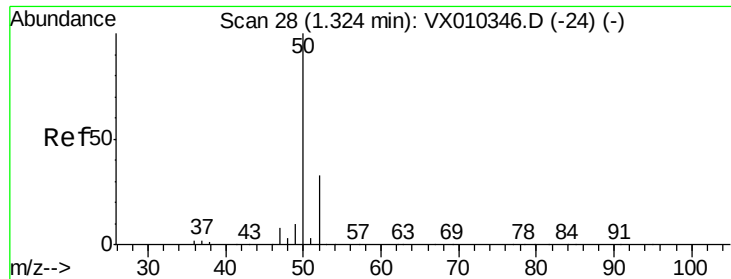
40000

20000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 42.688 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX010896.D

Acq: 15 Jul 2019 19:44

Instrument :

MSVOA_X

ClientSampleId :

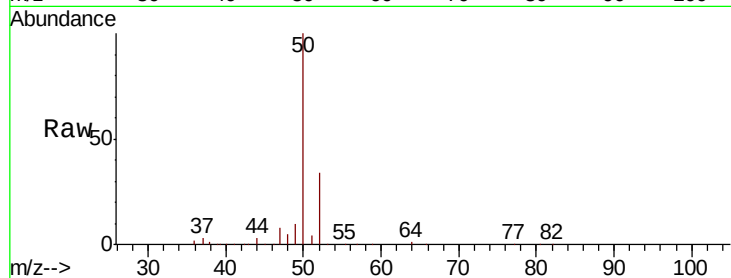
FL-0600MSD

Tot Ion: 50 Resp: 90287

Ion Ratio Lower Upper

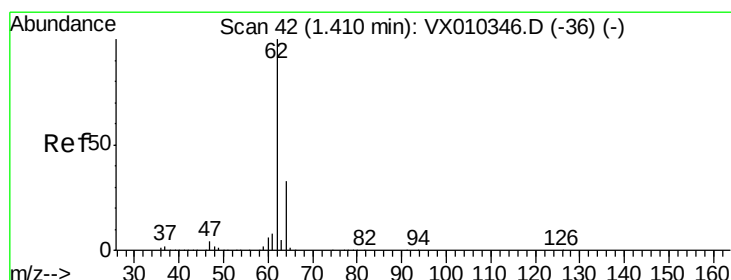
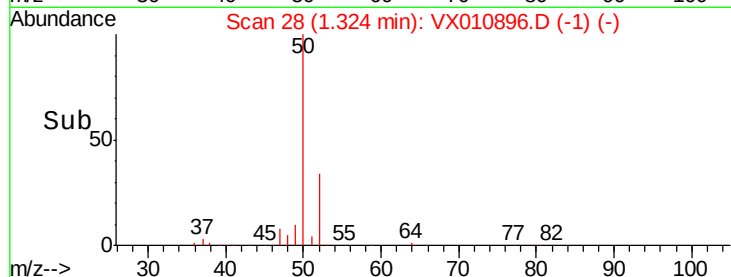
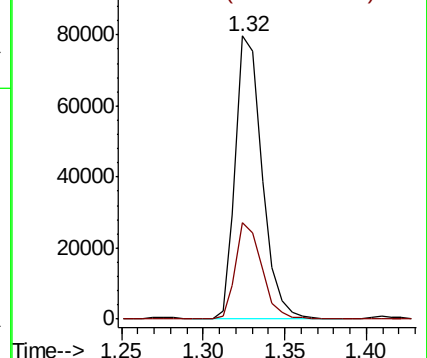
50 100

52 34.2 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 42.327 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010896.D

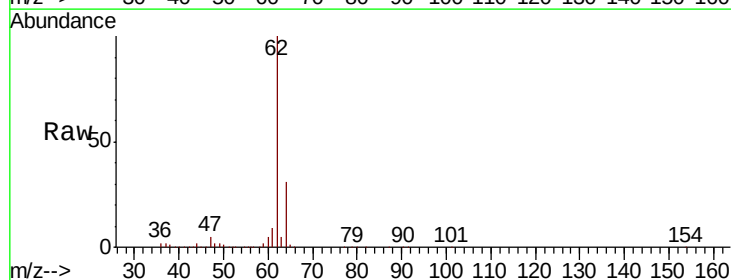
Acq: 15 Jul 2019 19:44

Tgt Ion: 62 Resp: 98056

Ion Ratio Lower Upper

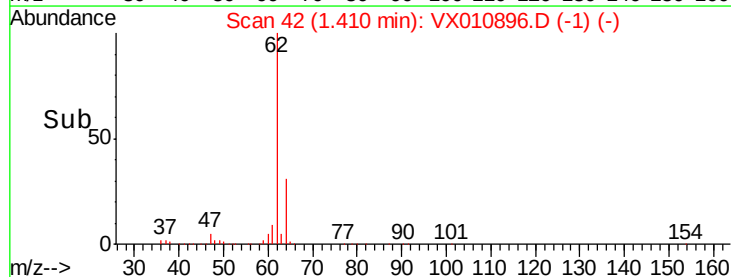
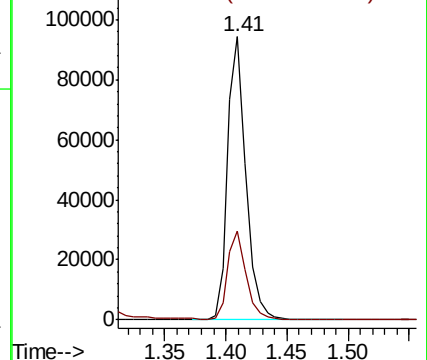
62 100

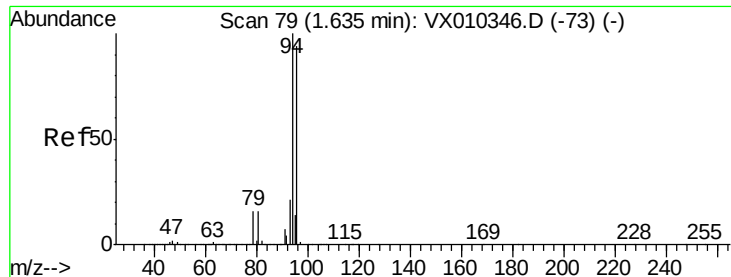
64 31.2 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 45.858 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX010896.D

Acq: 15 Jul 2019 19:44

Instrument :

MSVOA_X

ClientSampleId :

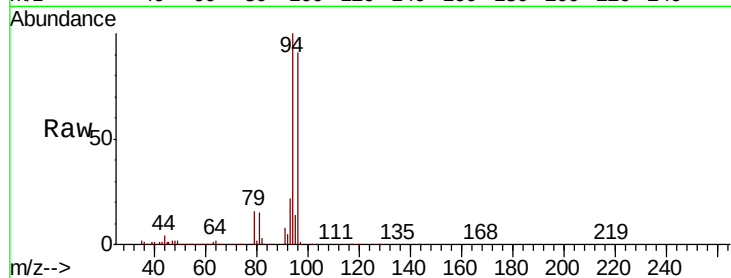
FL-0600MSD

Tot Ion: 94 Resp: 51756

Ion Ratio Lower Upper

94 100

96 90.8 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

60000

50000

40000

30000

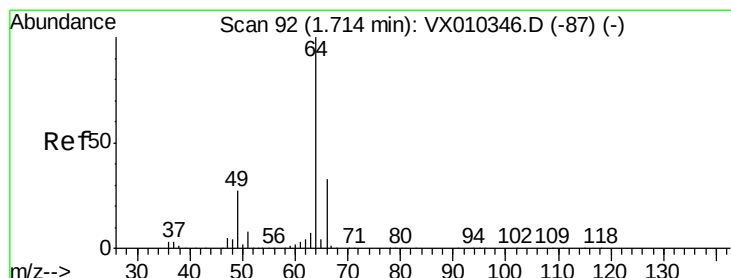
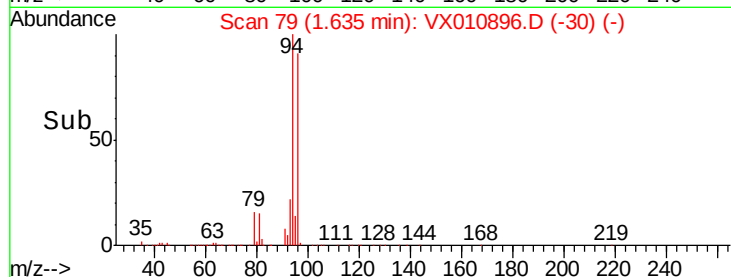
20000

10000

0

Time-->

1.60 1.65 1.70



#6

Chloroethane

Concen: 44.703 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX010896.D

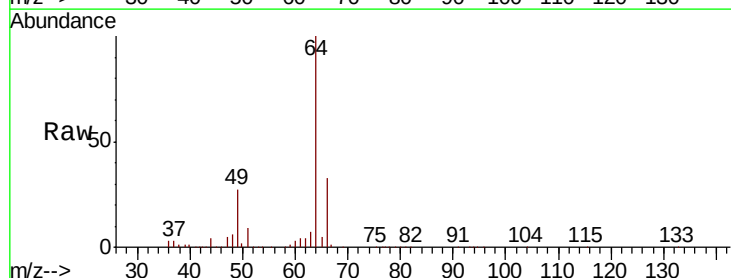
Acq: 15 Jul 2019 19:44

Tgt Ion: 64 Resp: 61098

Ion Ratio Lower Upper

64 100

66 33.3 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

50000

40000

30000

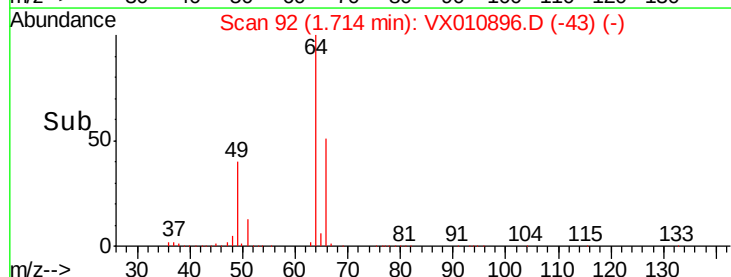
20000

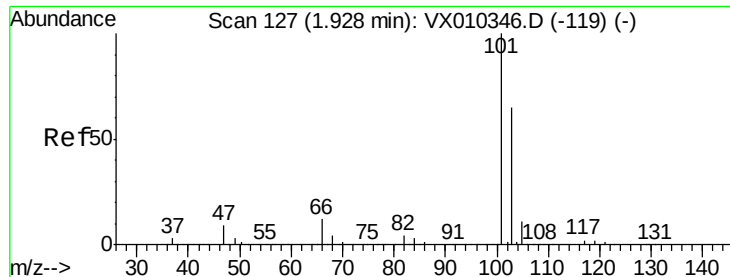
10000

0

Time-->

1.65 1.70 1.75 1.80



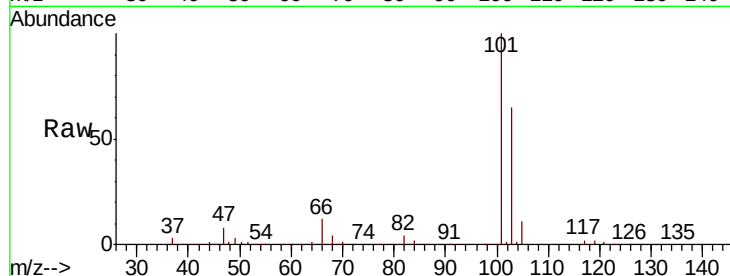


#7

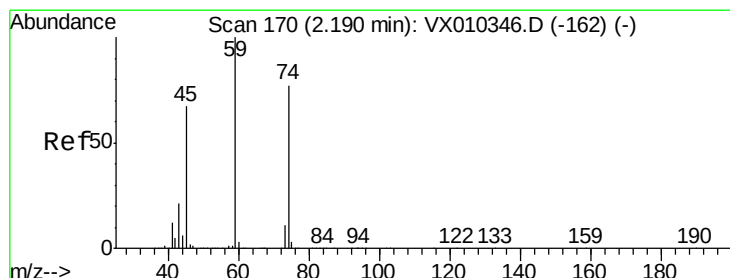
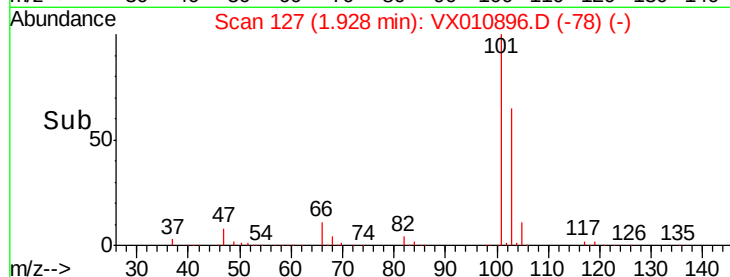
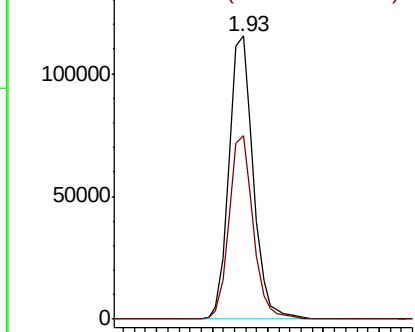
Trichlorofluoromethane
 Concen: 47.380 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. -0.00 min
 Lab File: VX010896.D
 Acq: 15 Jul 2019 19:44

Instrument :
 MSVOA_X
 ClientSampled :
 FL-0600MSD

Tot Ion:101 Resp: 173997
 Ion Ratio Lower Upper
 101 100
 103 64.9 52.3 78.5



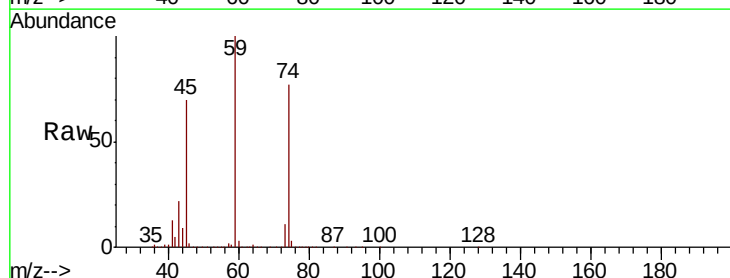
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



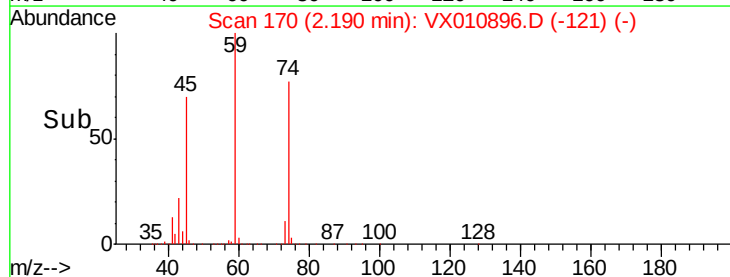
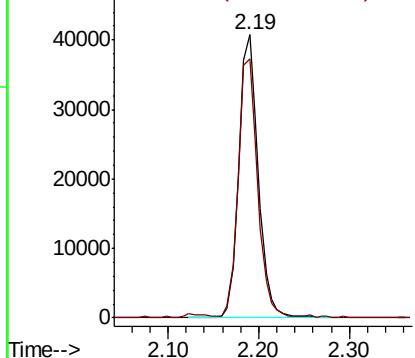
#8

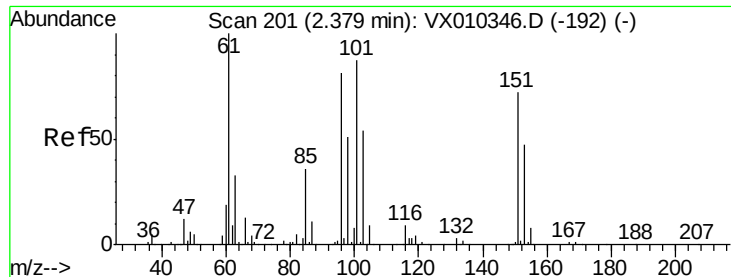
Diethyl Ether
 Concen: 45.736 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX010896.D
 Acq: 15 Jul 2019 19:44

Tgt Ion: 74 Resp: 60233
 Ion Ratio Lower Upper
 74 100
 45 90.5 44.8 134.4



Abundance Ion 74.00 (73.70 to 74.70): VX0
 Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.315 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX010896.D

Acq: 15 Jul 2019 19:44

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ClientSampleId :

FL-0600MSD

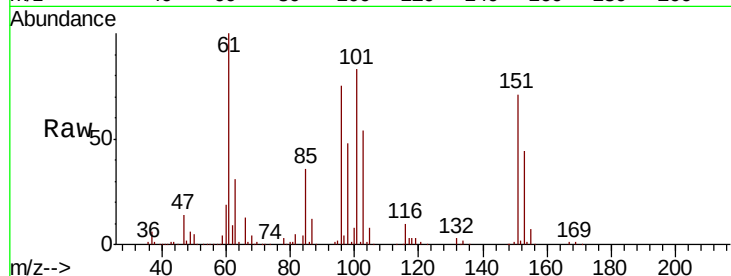
Tot Ion:101 Resp: 98623

Ion Ratio Lower Upper

101 100

85 43.0 33.7 50.5

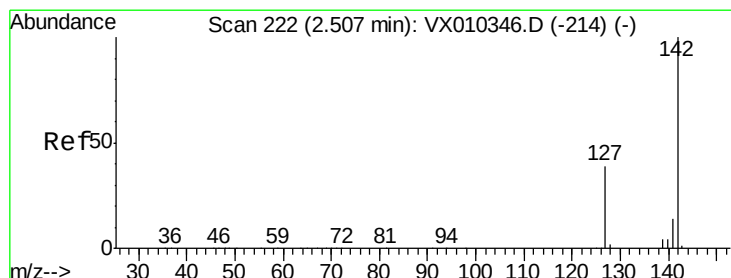
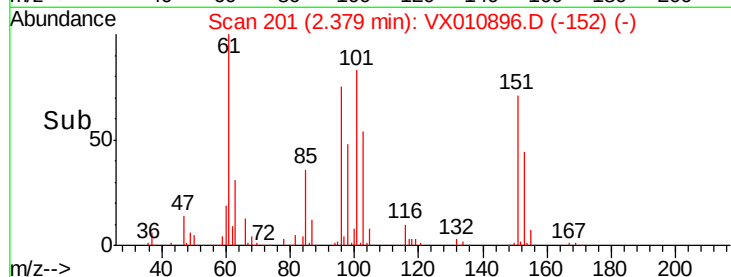
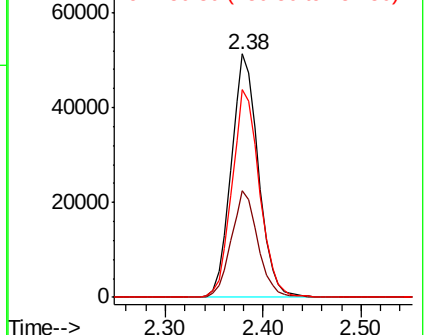
151 86.3 70.1 105.1



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: 42.894 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX010896.D

Acq: 15 Jul 2019 19:44

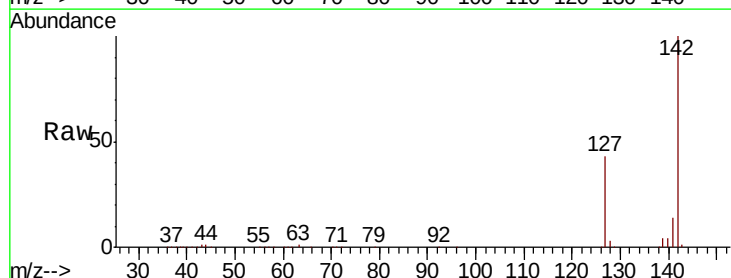
Tgt Ion:142 Resp: 136236

Ion Ratio Lower Upper

142 100

127 42.2 31.1 46.7

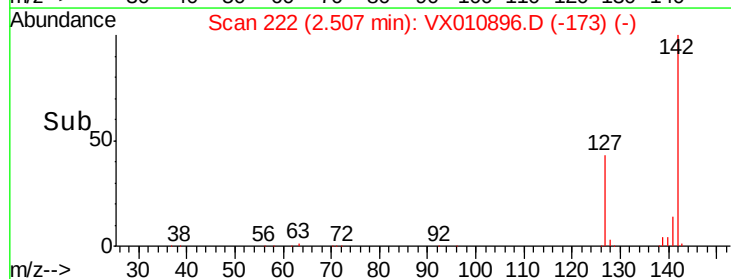
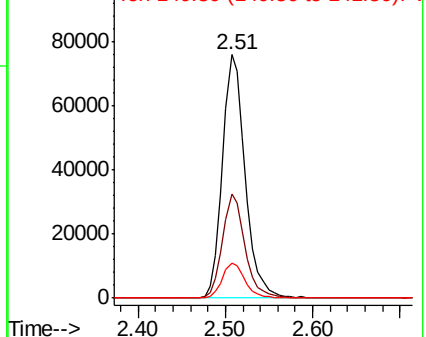
141 14.4 11.2 16.8

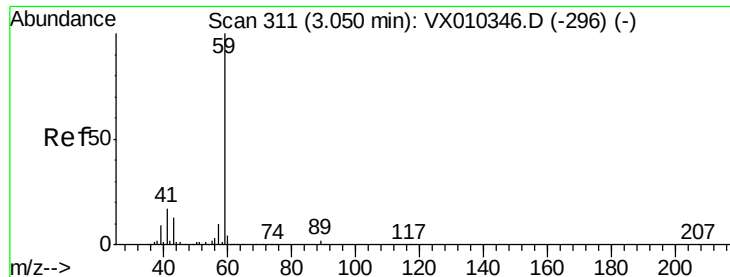


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

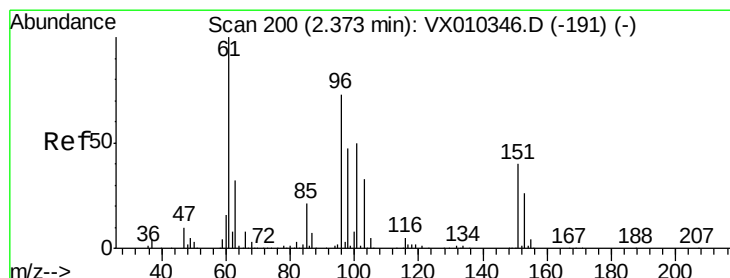
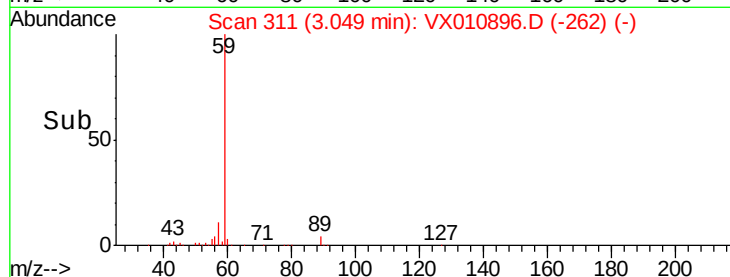
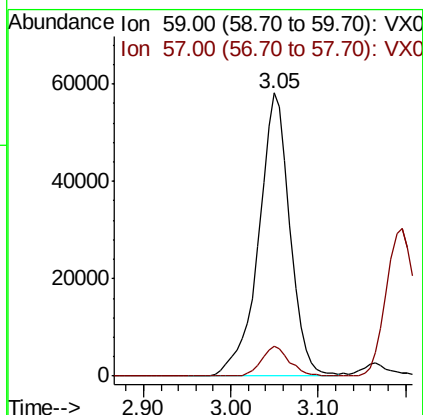
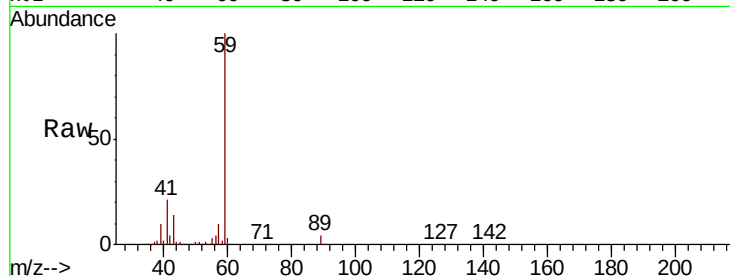




#11
Tert butyl alcohol
Concen: 225.423 ug/l
RT: 3.05 min Scan# 311
Delta R.T. -0.00 min
Lab File: VX010896.D
Acq: 15 Jul 2019 19:44

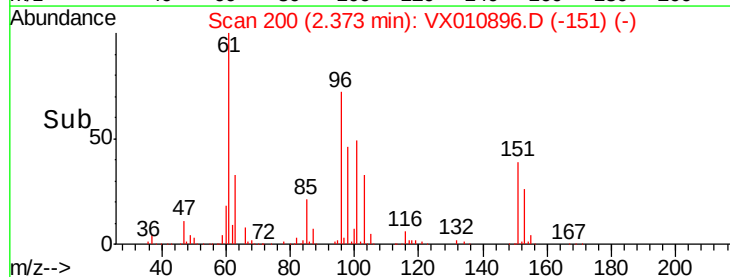
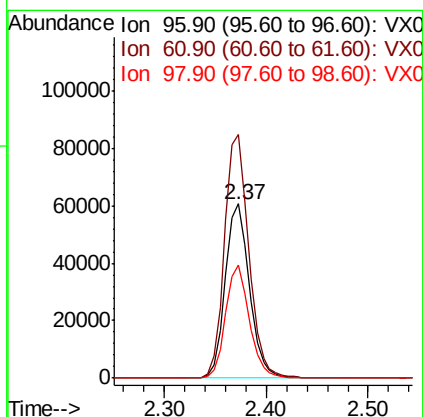
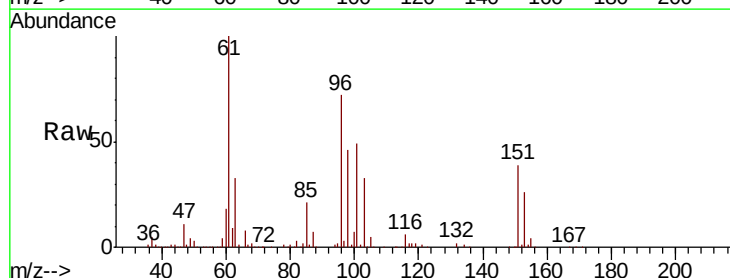
Instrument :
MSVOA_X
ClientSampleId :
FL-0600MSD

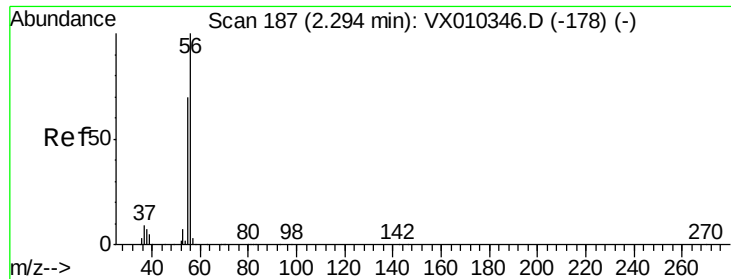
Tot Ion: 59 Resp: 144491
Ion Ratio Lower Upper
59 100
57 9.5 7.7 11.5



#12
1,1-Dichloroethene
Concen: 43.990 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX010896.D
Acq: 15 Jul 2019 19:44

Tgt Ion: 96 Resp: 99619
Ion Ratio Lower Upper
96 100
61 139.8 109.2 163.8
98 64.7 51.1 76.7





#13

Acrolein

Concen: 252.488 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX010896.D

Acq: 15 Jul 2019 19:44

Instrument :

MSVOA_X

ClientSampleId :

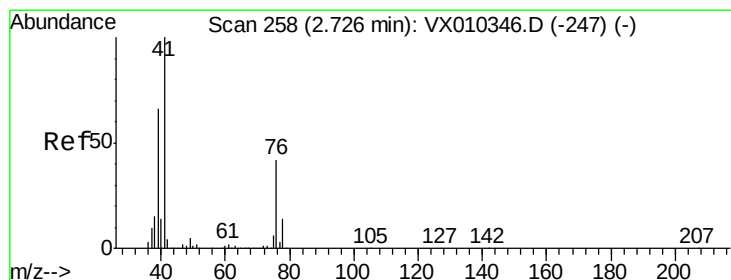
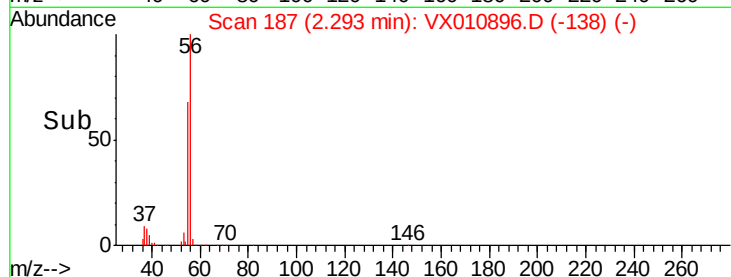
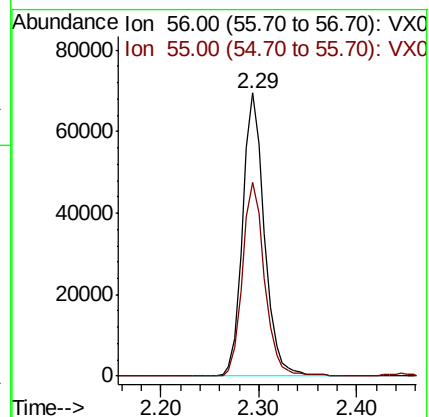
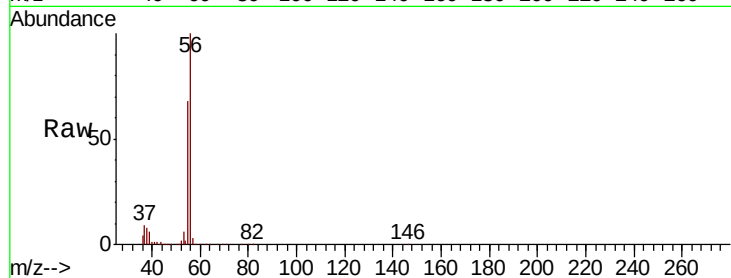
FL-0600MSD

Tot Ion: 56 Resp: 107360

Ion Ratio Lower Upper

56 100

55 69.8 56.9 85.3



#14

Allyl chloride

Concen: 45.083 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX010896.D

Acq: 15 Jul 2019 19:44

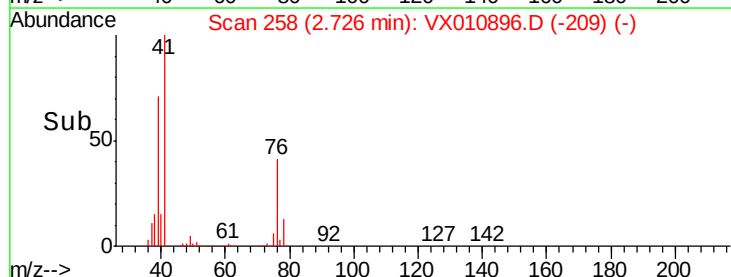
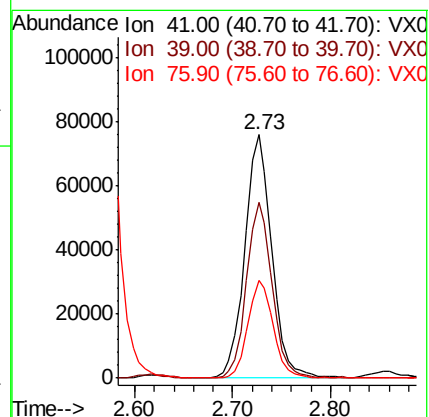
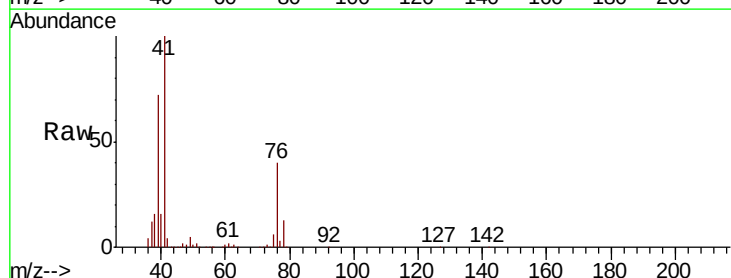
Tgt Ion: 41 Resp: 144942

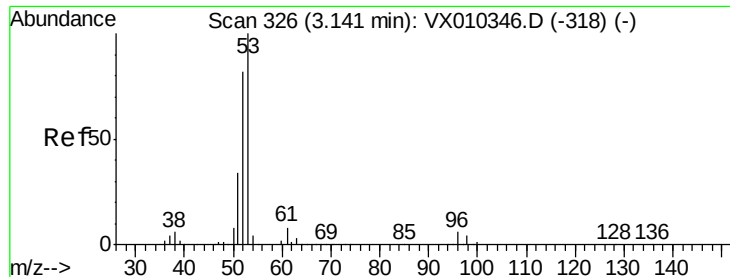
Ion Ratio Lower Upper

41 100

39 68.3 50.3 75.5

76 37.6 31.3 46.9





#15

Acrylonitrile

Concen: 230.465 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX010896.D

Acq: 15 Jul 2019 19:44

Instrument :

MSVOA_X

ClientSampleId :

FL-0600MSD

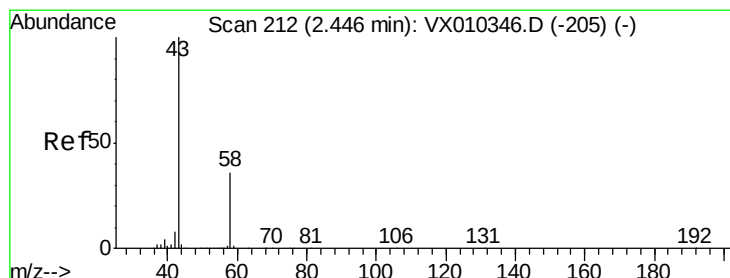
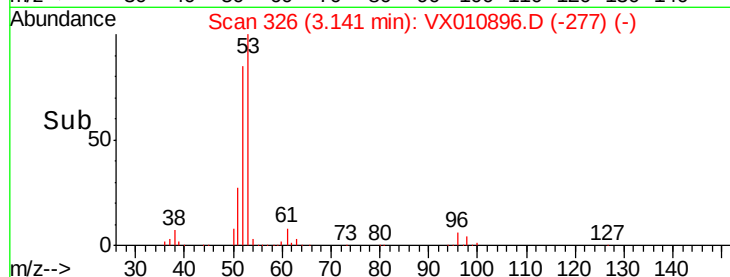
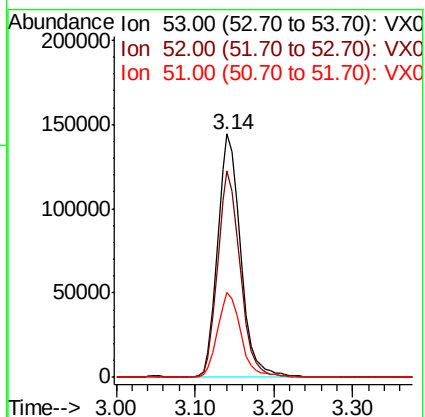
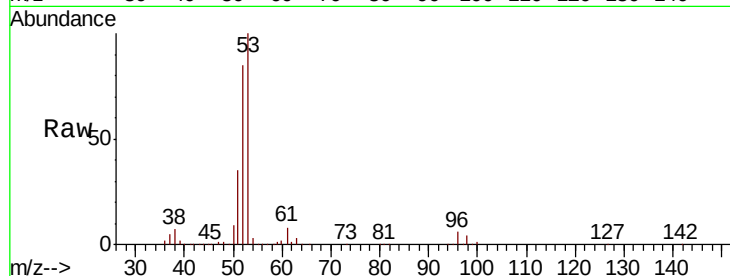
Tot Ion: 53 Resp: 292475

Ion Ratio Lower Upper

53 100

52 83.1 65.5 98.3

51 35.7 28.2 42.4



#16

Acetone

Concen: 197.925 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX010896.D

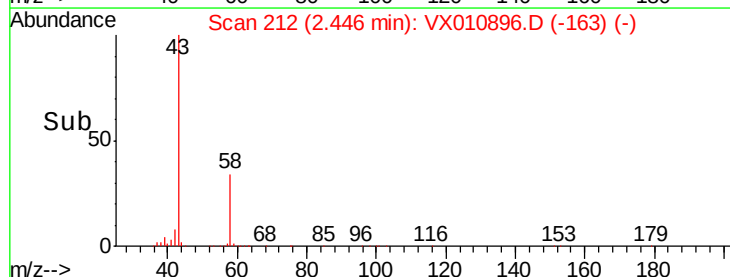
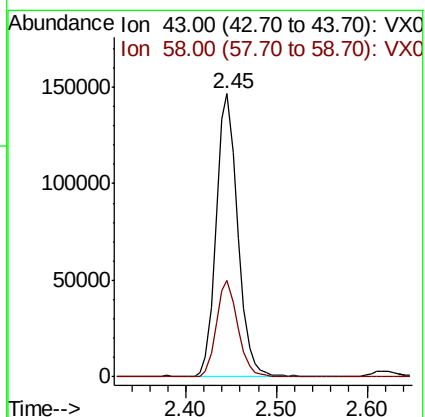
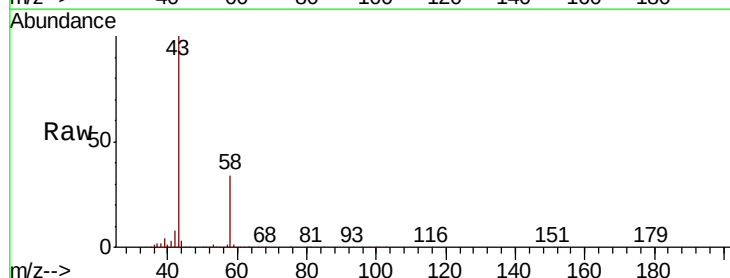
Acq: 15 Jul 2019 19:44

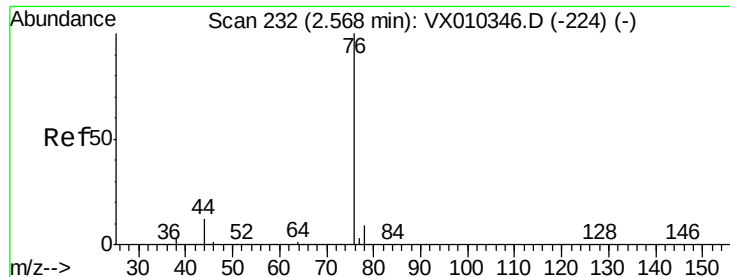
Tgt Ion: 43 Resp: 242985

Ion Ratio Lower Upper

43 100

58 33.9 28.9 43.3





#17

Carbon Disulfide

Concen: 38.467 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX010896.D

Acq: 15 Jul 2019 19:44

Instrument :

MSVOA_X

ClientSampleId :

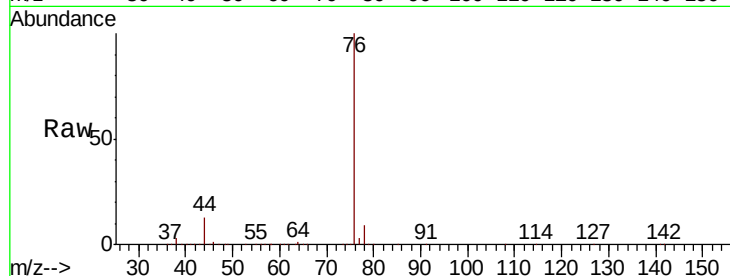
FL-0600MSD

Tot Ion: 76 Resp: 233708

Ion Ratio Lower Upper

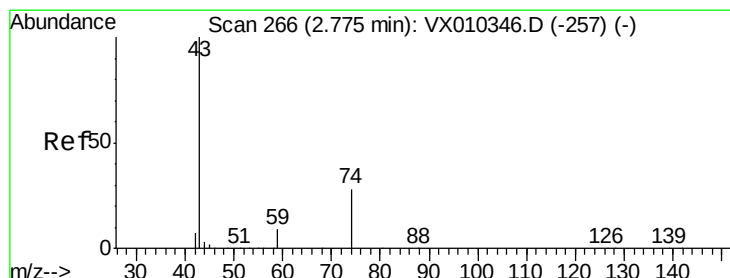
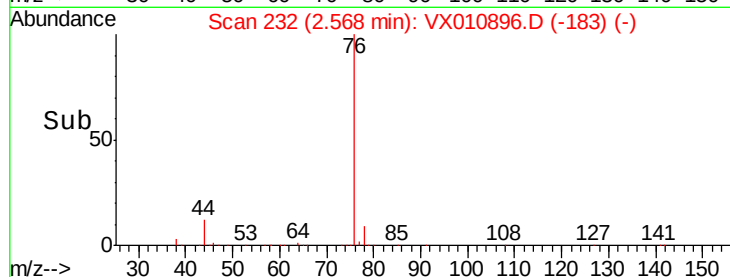
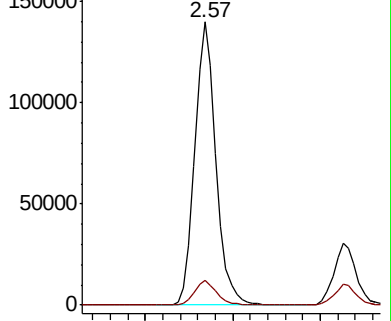
76 100

78 9.0 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 43.194 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX010896.D

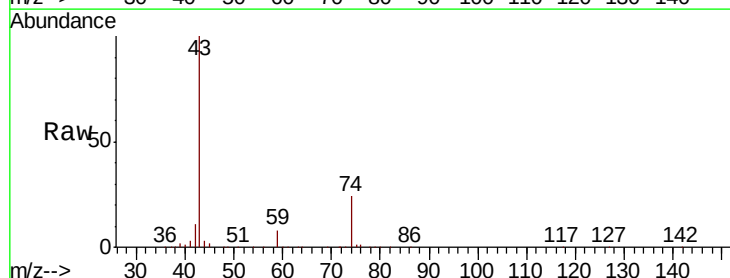
Acq: 15 Jul 2019 19:44

Tgt Ion: 43 Resp: 105687

Ion Ratio Lower Upper

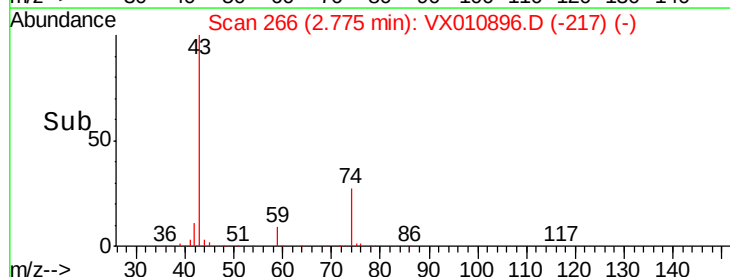
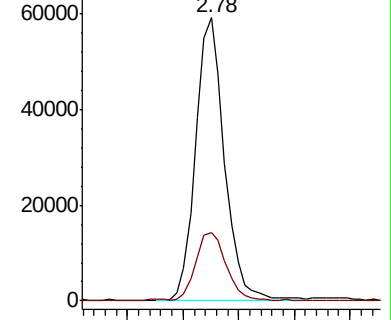
43 100

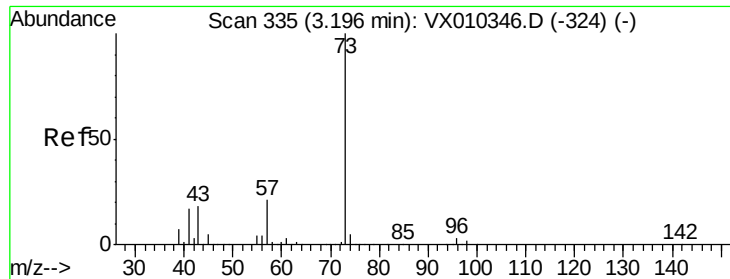
74 25.3 21.3 31.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

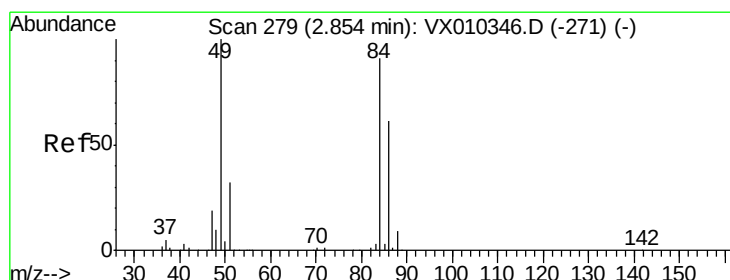
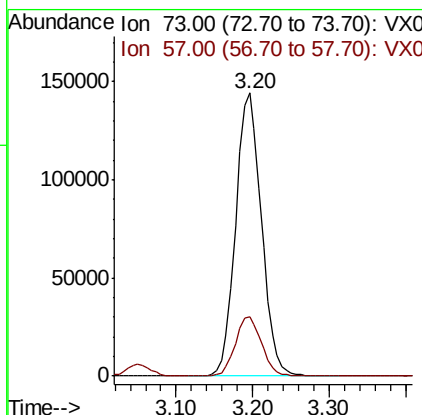
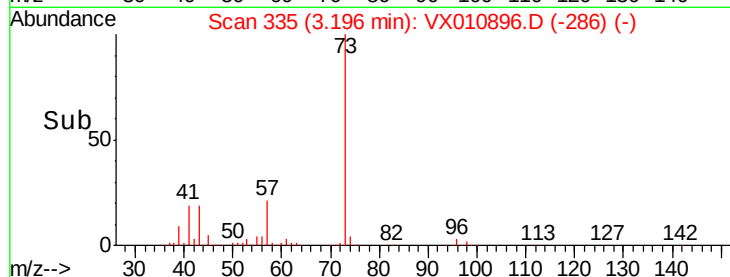
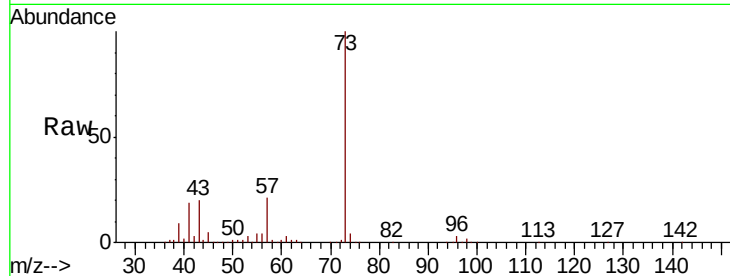




#19
Methyl tert-butyl Ether
Concen: 47.122 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX010896.D
Acq: 15 Jul 2019 19:44

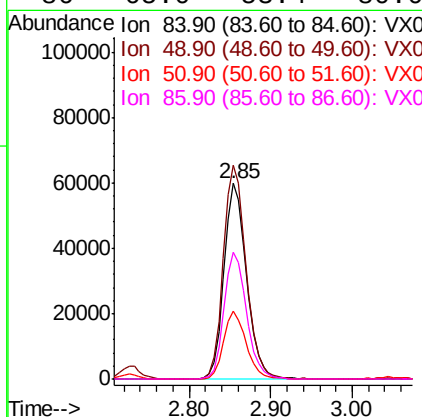
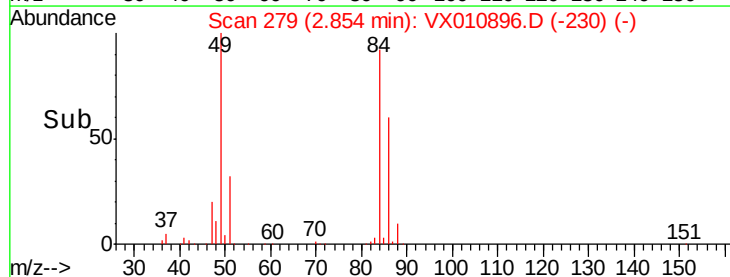
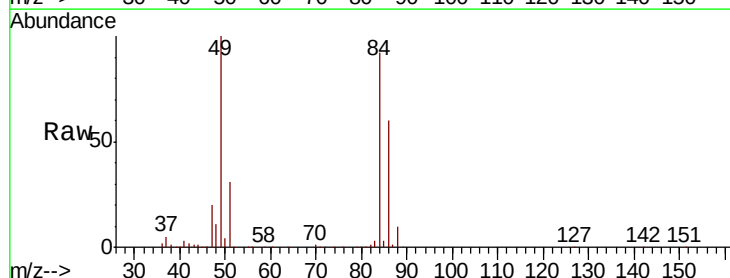
Instrument :
MSVOA_X
ClientSampleId :
FL-0600MSD

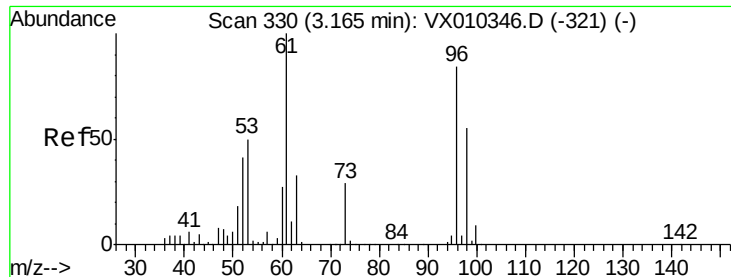
Tot Ion: 73 Resp: 335703
Ion Ratio Lower Upper
73 100
57 21.0 16.4 24.6



#20
Methylene Chloride
Concen: 44.939 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX010896.D
Acq: 15 Jul 2019 19:44

Tgt Ion: 84 Resp: 113536
Ion Ratio Lower Upper
84 100
49 109.0 87.5 131.3
51 34.4 27.7 41.5
86 65.0 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 43.214 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX010896.D

Acq: 15 Jul 2019 19:44

Instrument :

MSVOA_X

ClientSampleId :

FL-0600MSD

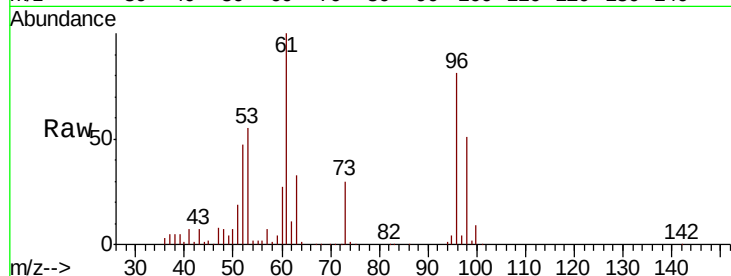
Tot Ion: 96 Resp: 105251

Ion Ratio Lower Upper

96 100

61 122.8 95.6 143.4

98 62.9 52.5 78.7

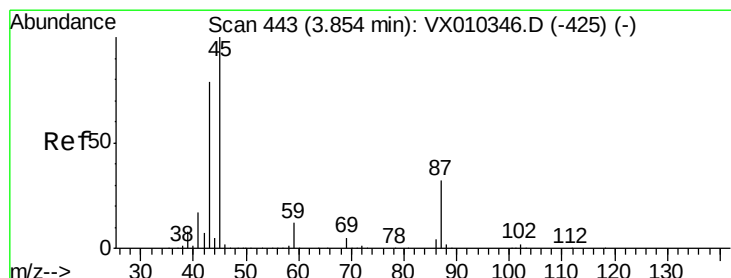
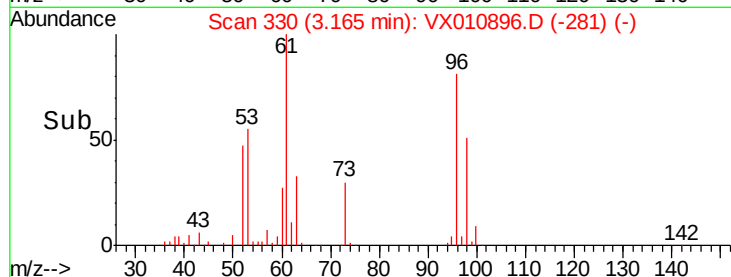
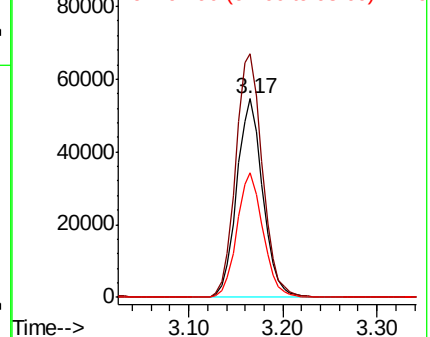


Abundance

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: 46.992 ug/l

RT: 3.86 min Scan# 444

Delta R.T. 0.01 min

Lab File: VX010896.D

Acq: 15 Jul 2019 19:44

Tgt Ion: 45 Resp: 315877

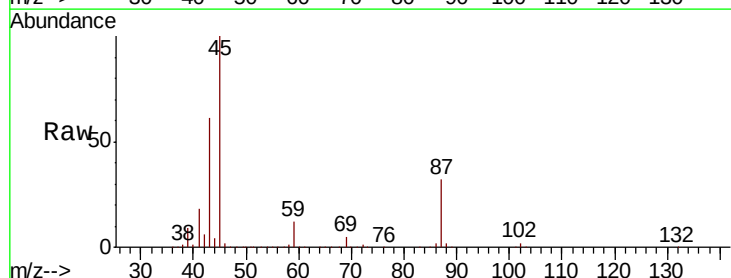
Ion Ratio Lower Upper

45 100

43 61.3 63.3 94.9#

87 32.1 25.8 38.8

59 11.6 9.6 14.4



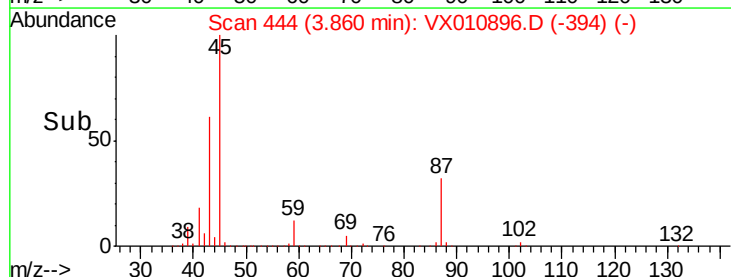
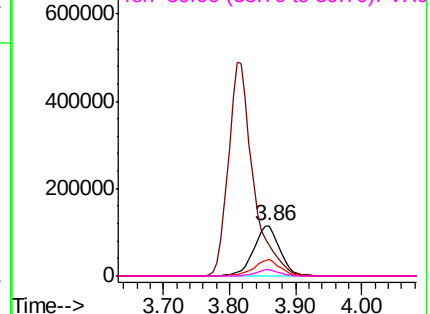
Abundance

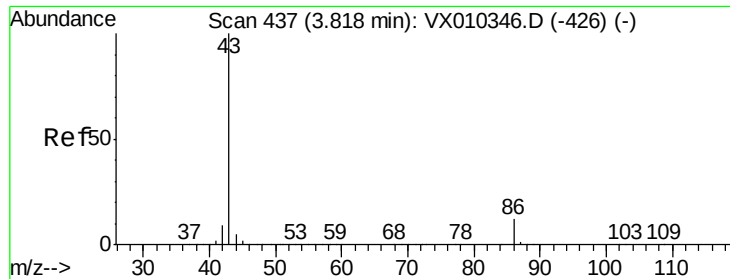
Ion 45.00 (44.70 to 45.70): VX0

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: 219.141 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX010896.D

Acq: 15 Jul 2019 19:44

Instrument :

MSVOA_X

ClientSampled :

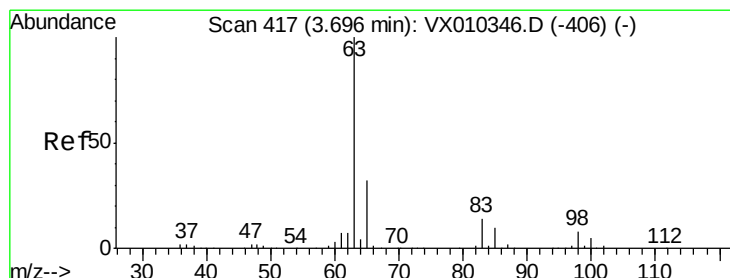
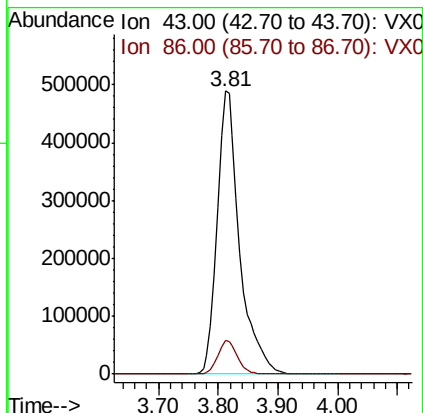
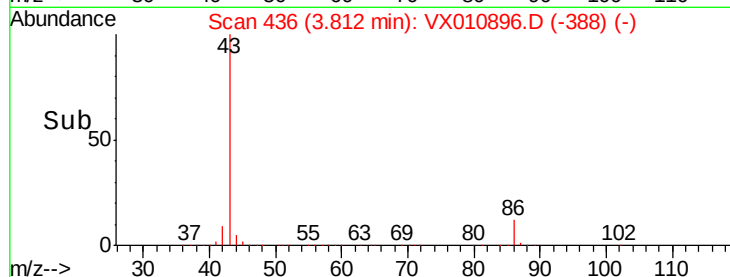
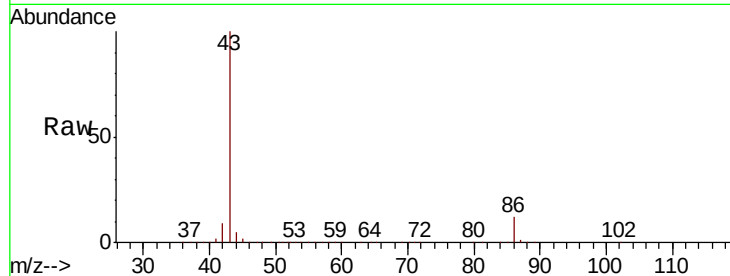
FL-0600MSD

Tot Ion: 43 Resp: 1272547

Ion Ratio Lower Upper

43 100

86 11.8 9.9 14.9



#24

1,1-Dichloroethane

Concen: 47.223 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX010896.D

Acq: 15 Jul 2019 19:44

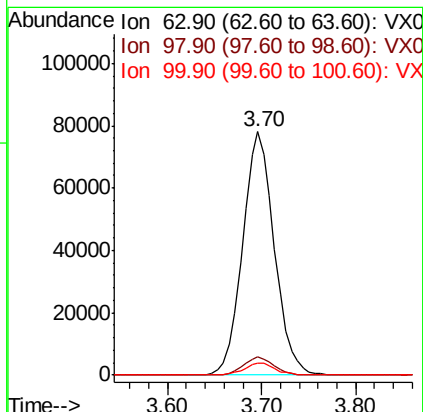
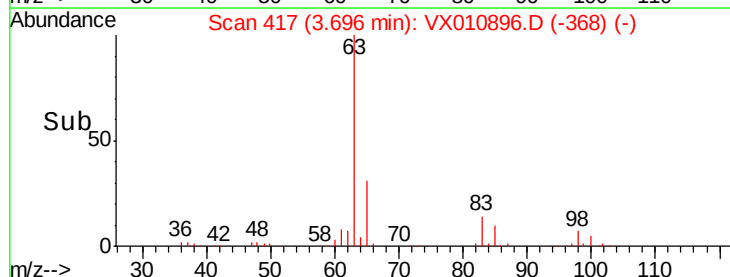
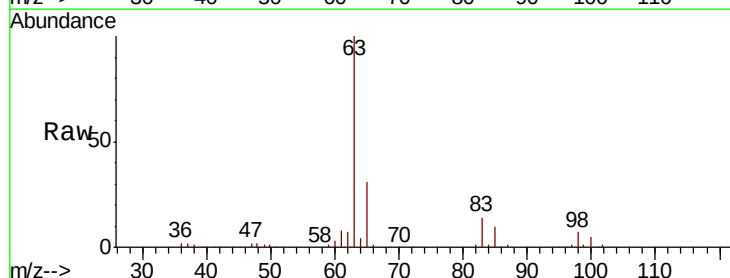
Tgt Ion: 63 Resp: 183486

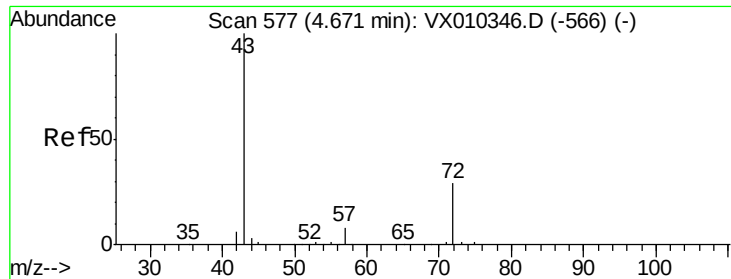
Ion Ratio Lower Upper

63 100

98 7.3 3.9 11.7

100 4.9 2.4 7.1





#25

2-Butanone

Concen: 223.241 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX010896.D

Acq: 15 Jul 2019 19:44

Instrument :

MSVOA_X

ClientSampleId :

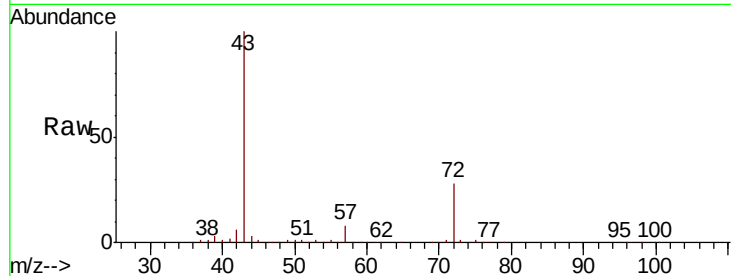
FL-0600MSD

Tot Ion: 43 Resp: 402018

Ion Ratio Lower Upper

43 100

72 28.0 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.67

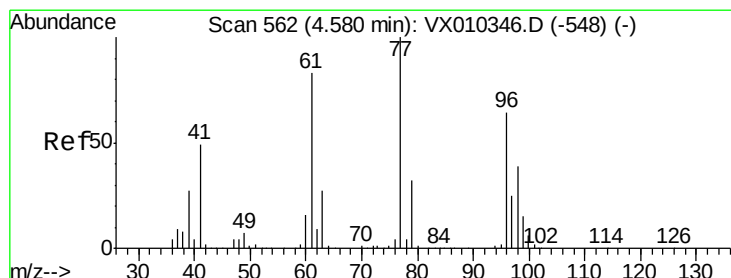
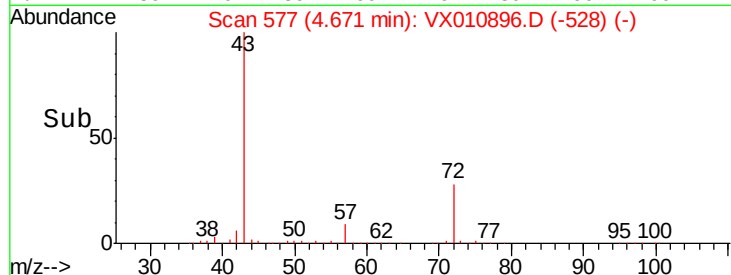
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 38.695 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX010896.D

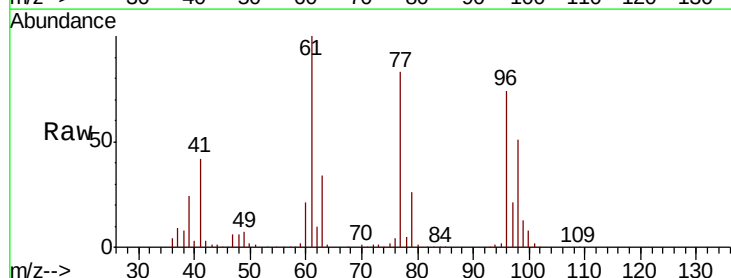
Acq: 15 Jul 2019 19:44

Tgt Ion: 77 Resp: 130607

Ion Ratio Lower Upper

77 100

97 25.3 13.1 39.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.59

50000

40000

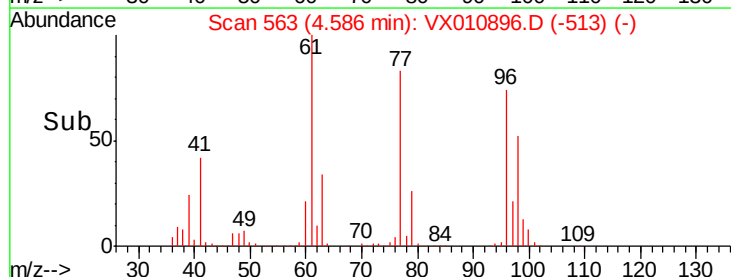
30000

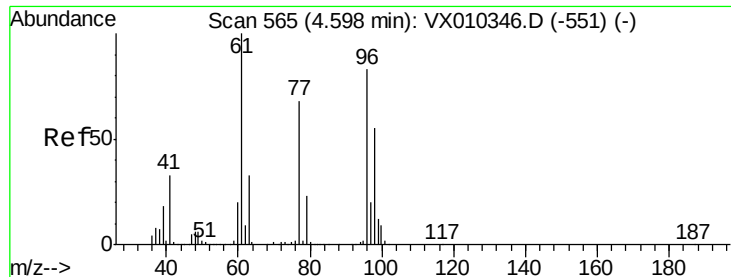
20000

10000

0

Time-->



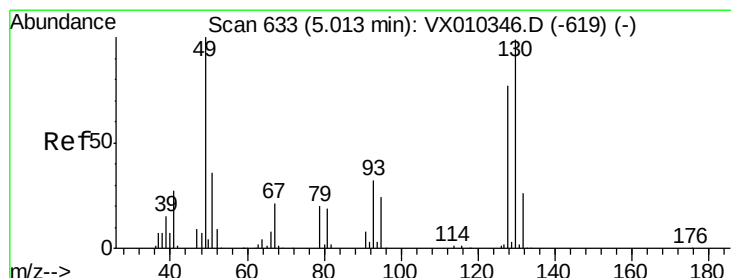
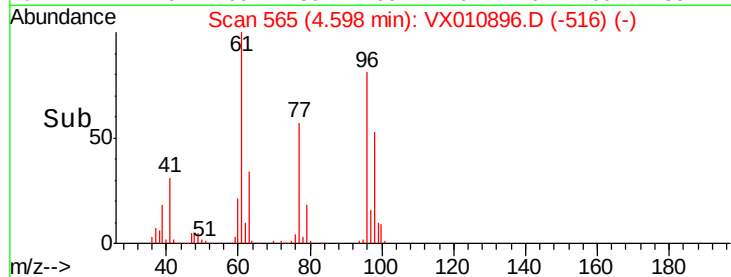
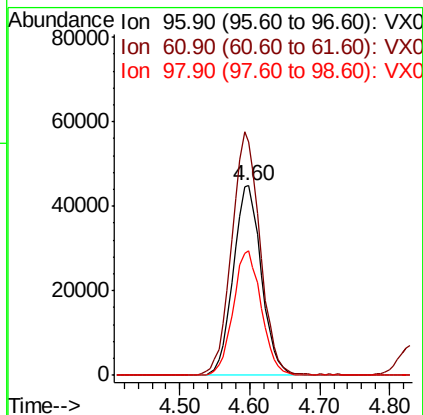
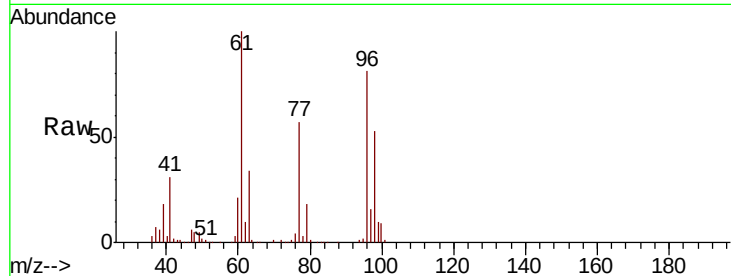


#27

cis-1,2-Dichloroethene
 Concen: 44.680 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX010896.D
 Acq: 15 Jul 2019 19:44

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0600MSD

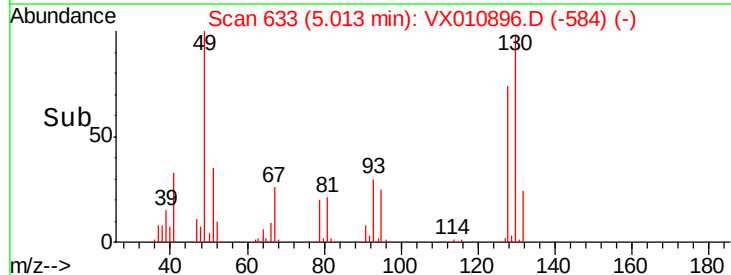
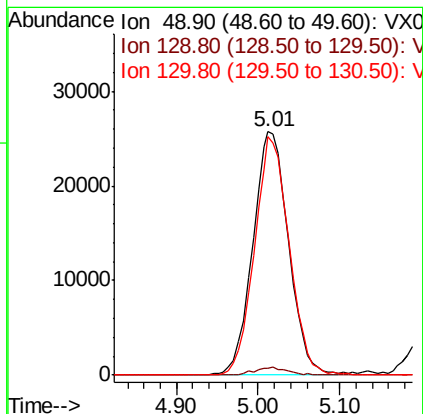
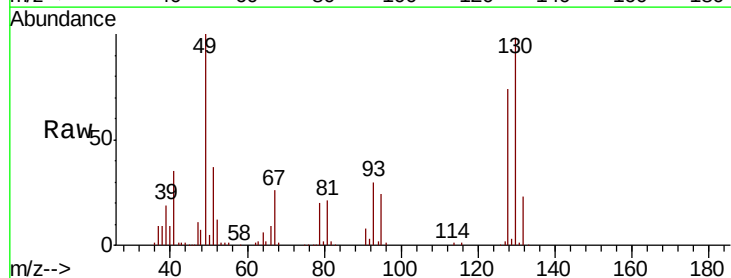
Tot Ion	96	Resp	125751
Ion	Ratio	Lower	Upper
96	100		
61	129.3	0.0	251.8
98	65.6	0.0	129.4

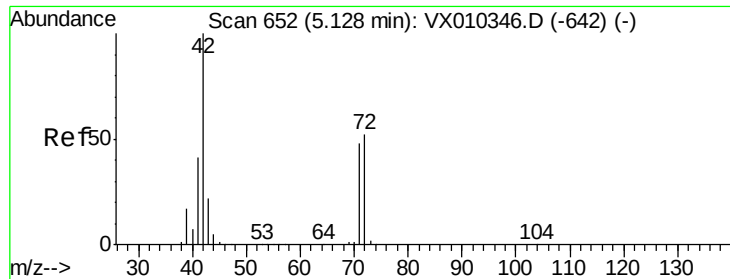


#28

Bromochloromethane
 Concen: 42.125 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.00 min
 Lab File: VX010896.D
 Acq: 15 Jul 2019 19:44

Tgt Ion	49	Resp	78257
Ion	Ratio	Lower	Upper
49	100		
129	3.1	0.0	5.6
130	94.8	81.4	122.0





#29

Tetrahydrofuran

Concen: 229.590 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX010896.D

Acq: 15 Jul 2019 19:44

Instrument :

MSVOA_X

ClientSampled :

FL-0600MSD

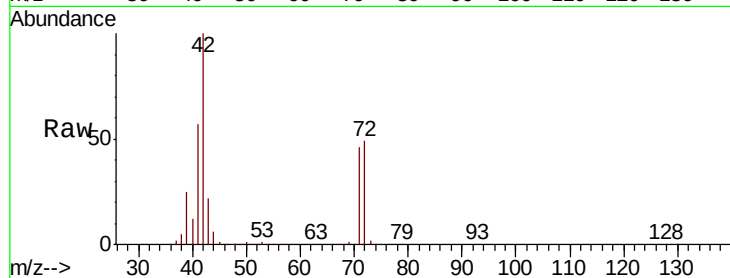
Tot Ion: 42 Resp: 256094

Ion Ratio Lower Upper

42 100

72 49.5 40.6 60.8

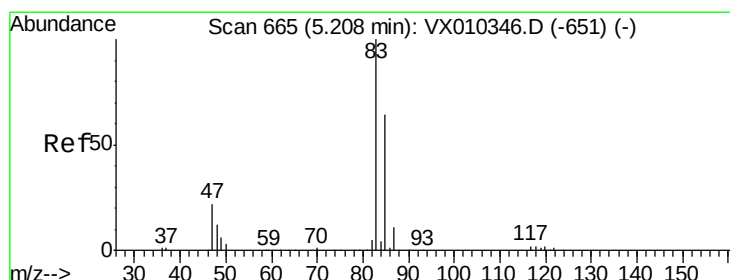
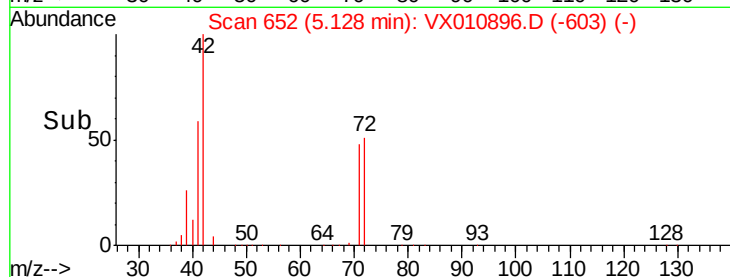
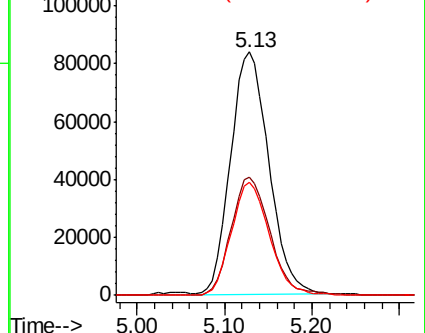
71 46.1 37.8 56.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 46.944 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.01 min

Lab File: VX010896.D

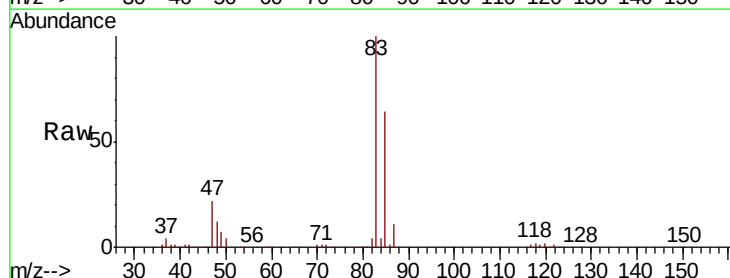
Acq: 15 Jul 2019 19:44

Tgt Ion: 83 Resp: 196254

Ion Ratio Lower Upper

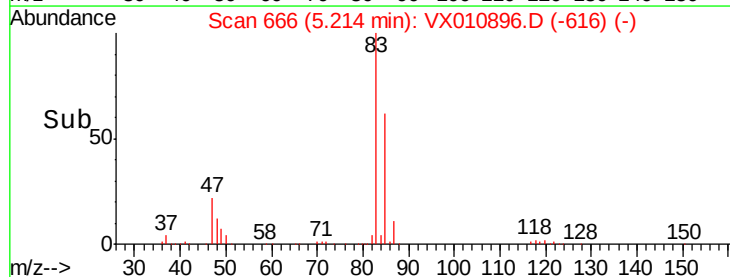
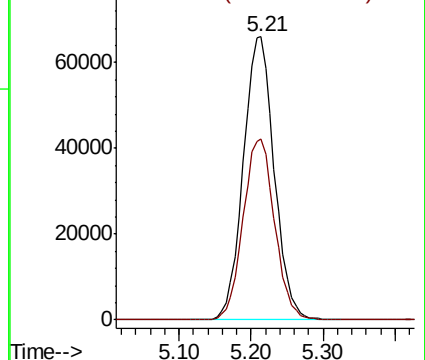
83 100

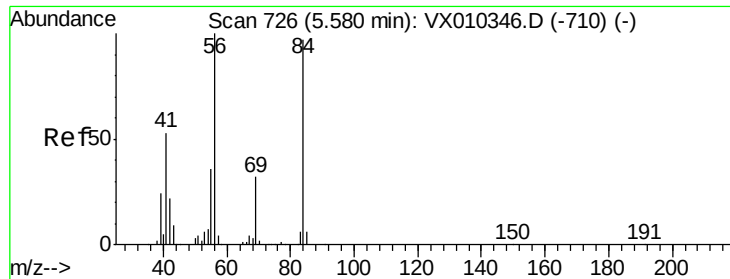
85 63.9 50.9 76.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

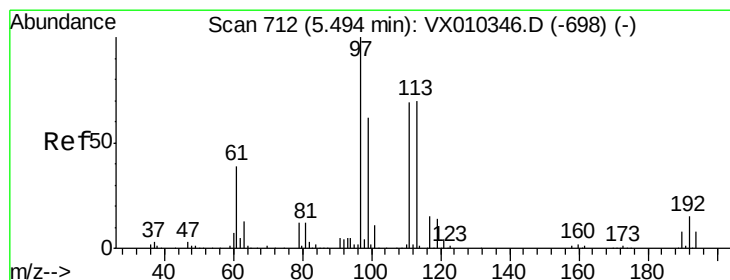
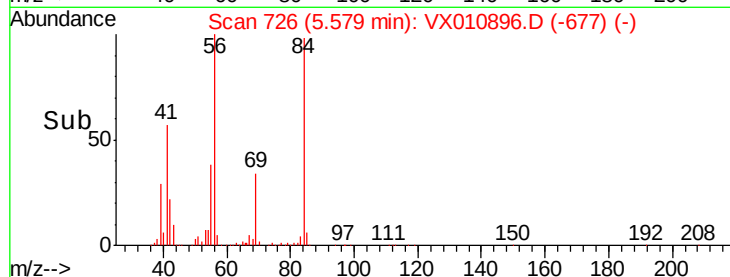
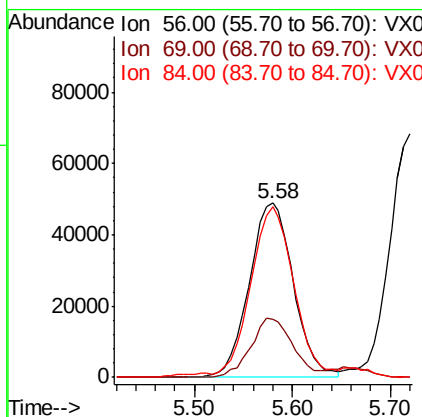
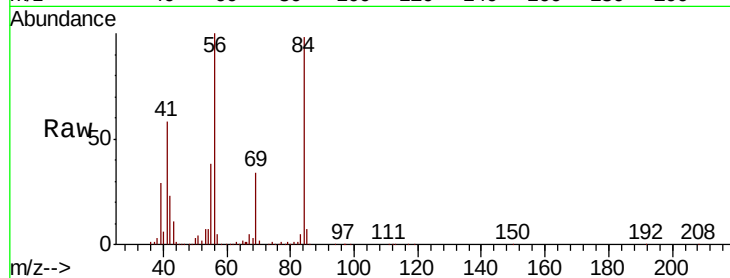




#31
Cyclohexane
Concen: 43.297 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX010896.D
Acq: 15 Jul 2019 19:44

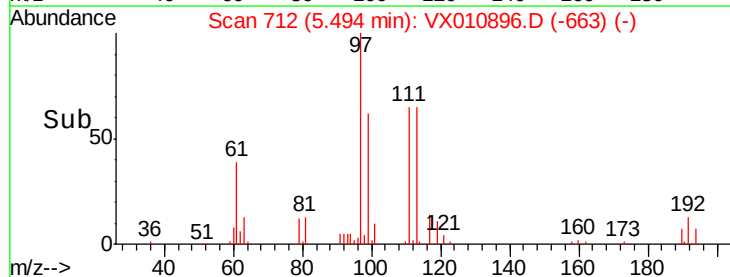
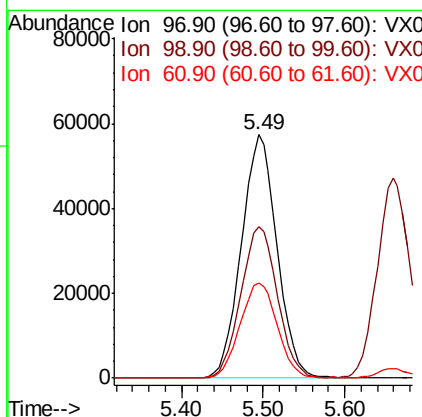
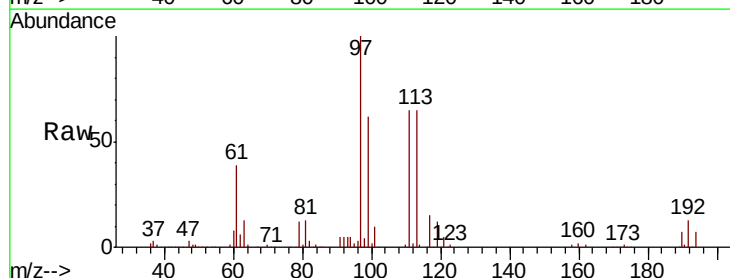
Instrument :
MSVOA_X
ClientSampled :
FL-0600MSD

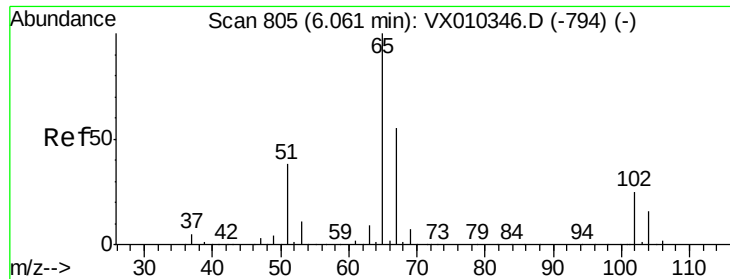
Tot Ion: 56 Resp: 153199
Ion Ratio Lower Upper
56 100
69 33.5 25.9 38.9
84 96.5 78.0 117.0



#32
1,1,1-Trichloroethane
Concen: 47.079 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX010896.D
Acq: 15 Jul 2019 19:44

Tgt Ion: 97 Resp: 173788
Ion Ratio Lower Upper
97 100
99 63.9 51.8 77.8
61 40.9 32.1 48.1

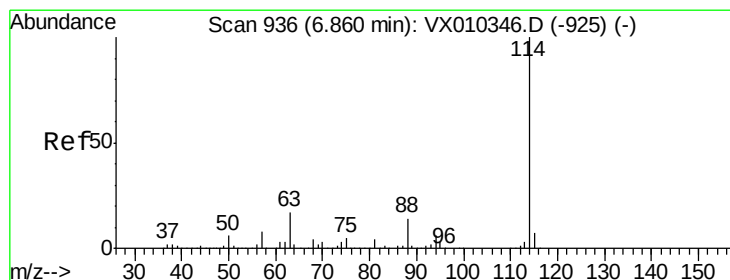
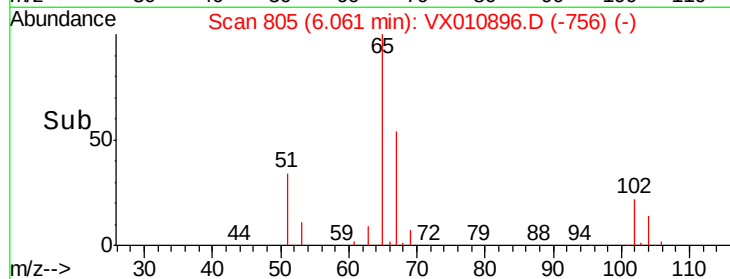
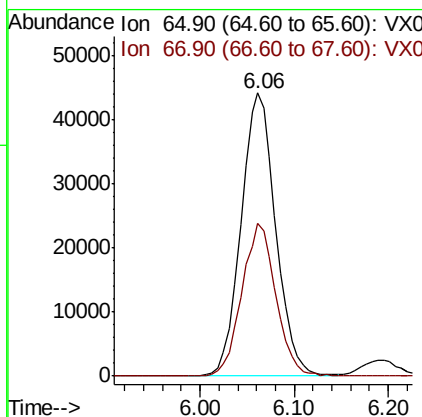
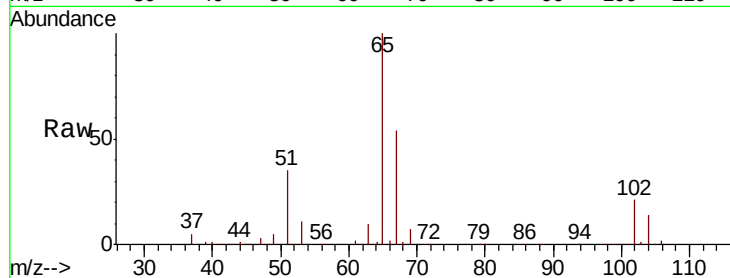




#33
 1,2-Dichloroethane-d4
 Concen: 46.294 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX010896.D
 Acq: 15 Jul 2019 19:44

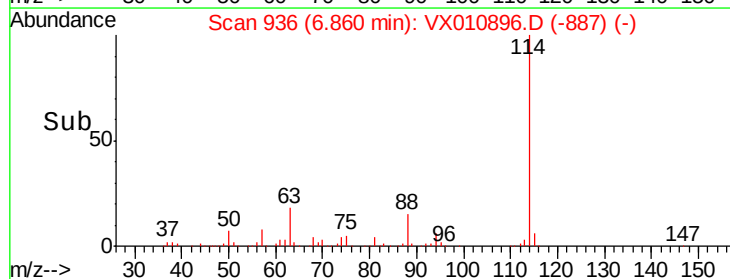
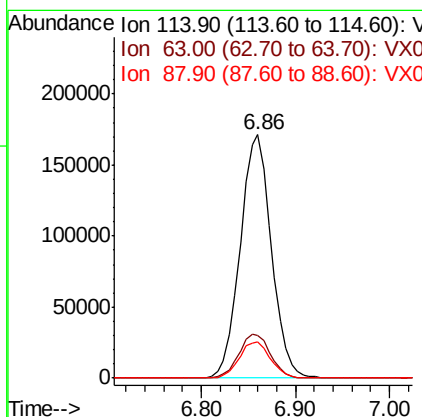
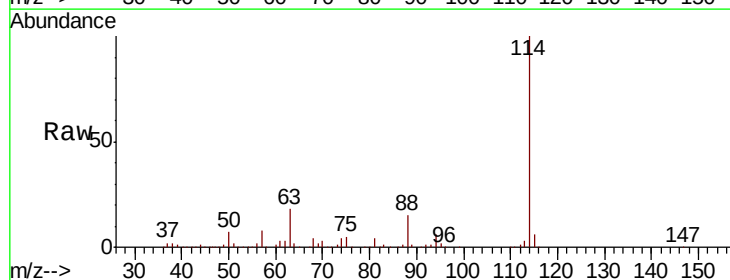
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0600MSD

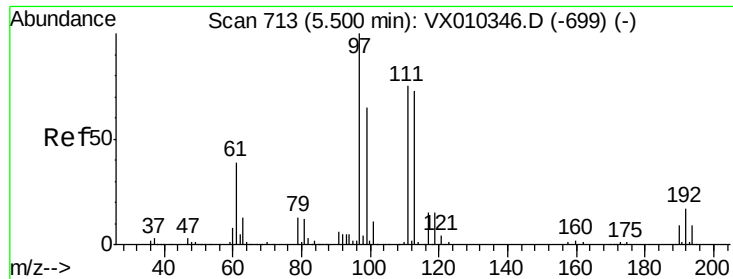
Tot Ion: 65 Resp: 113402
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX010896.D
 Acq: 15 Jul 2019 19:44

Tgt Ion: 114 Resp: 396603
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 33.8
 88 14.8 0.0 27.6

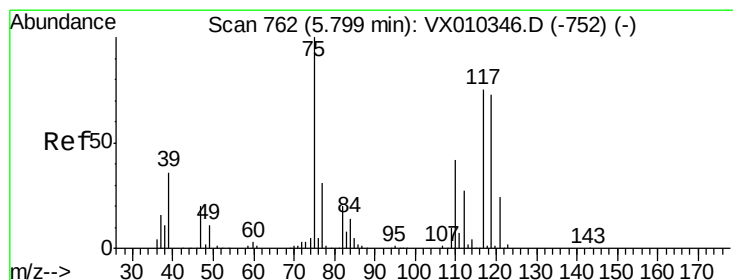
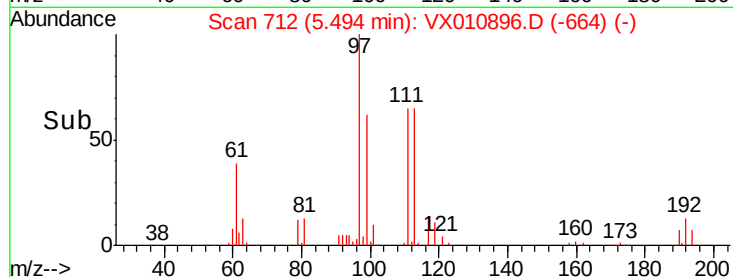
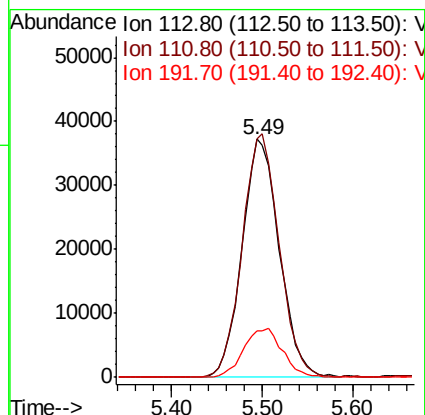
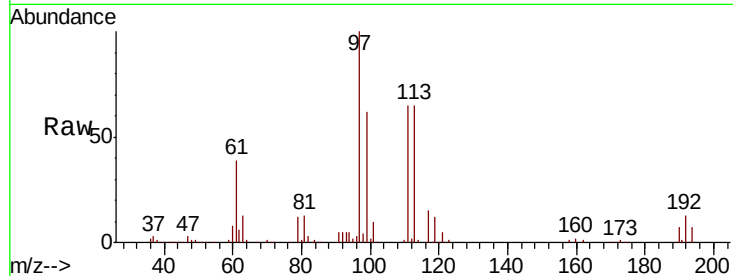




#35
 Dibromofluoromethane
 Concen: 43.699 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX010896.D
 Acq: 15 Jul 2019 19:44

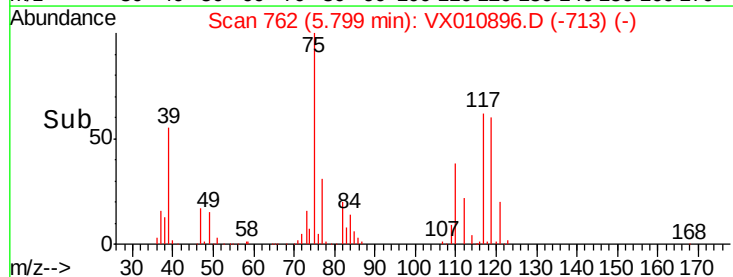
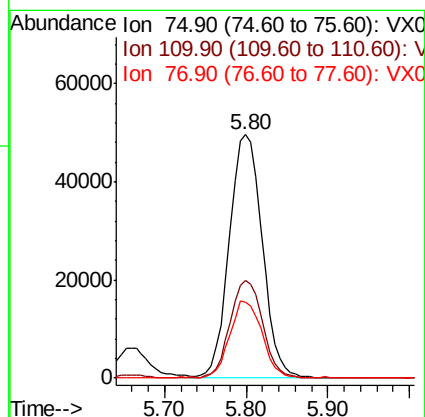
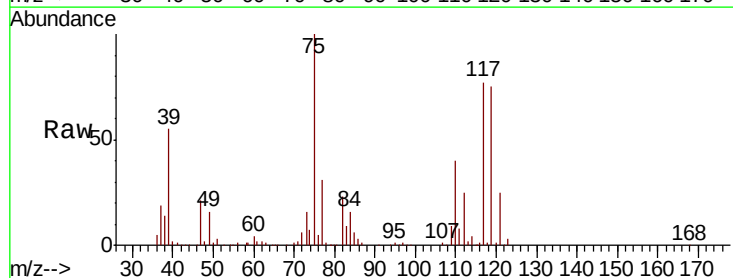
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0600MSD

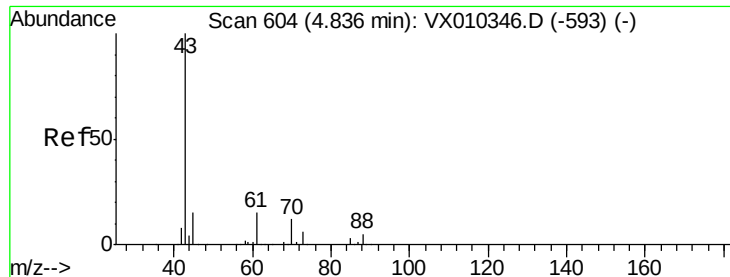
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.3	81.2	121.8
192	21.5	18.6	27.8



#36
 1,1-Dichloropropene
 Concen: 43.761 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX010896.D
 Acq: 15 Jul 2019 19:44

Tgt Ion	Ratio	Lower	Upper
75	100		
110	39.9	20.8	62.2
77	31.1	25.4	38.0

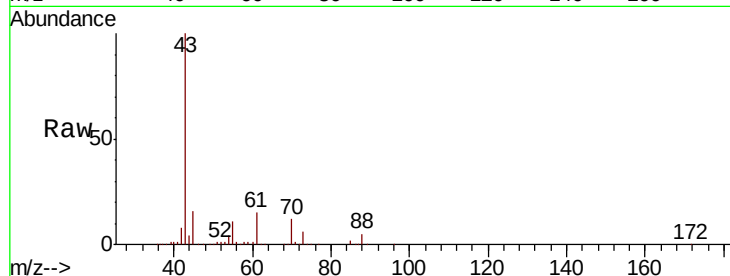




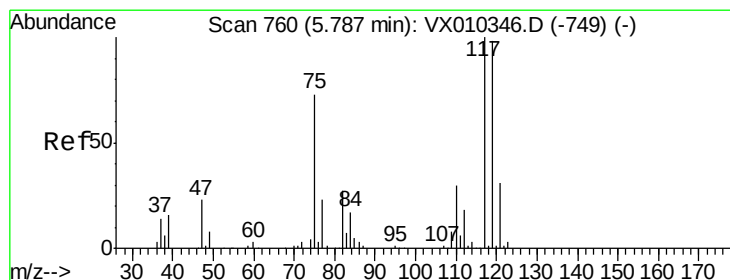
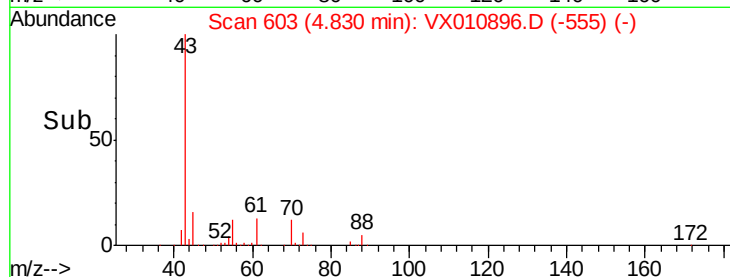
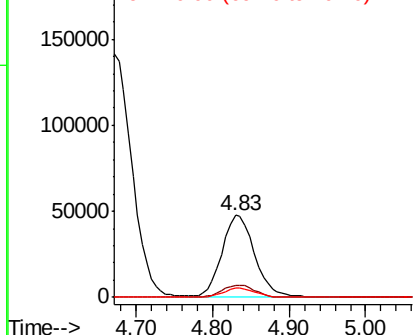
#37
Ethyl Acetate
Concen: 43.263 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX010896.D
Acq: 15 Jul 2019 19:44

Instrument :
MSVOA_X
ClientSampleId :
FL-0600MSD

Tot Ion: 43 Resp: 140270
Ion Ratio Lower Upper
43 100
61 14.9 12.4 18.6
70 11.3 9.8 14.8

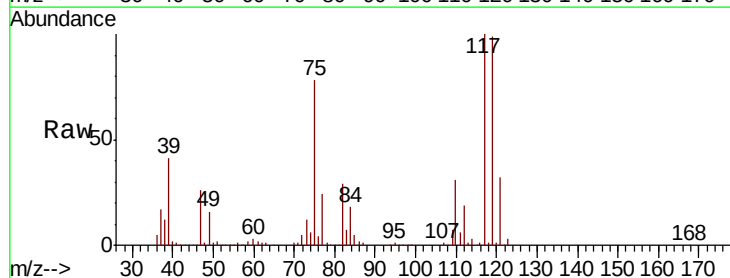


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

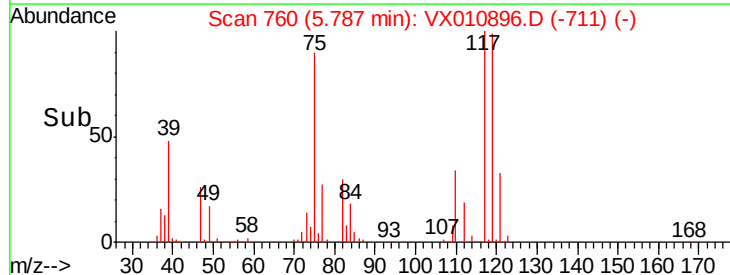
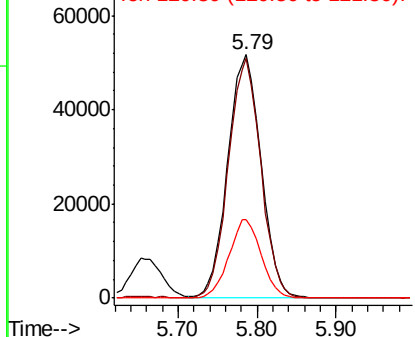


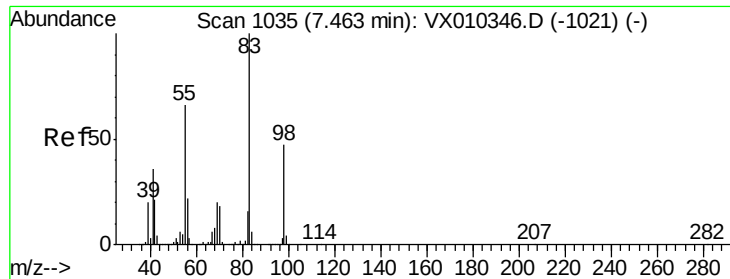
#38
Carbon Tetrachloride
Concen: 44.528 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX010896.D
Acq: 15 Jul 2019 19:44

Tgt Ion: 117 Resp: 151966
Ion Ratio Lower Upper
117 100
119 98.7 78.2 117.4
121 32.1 24.7 37.1



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

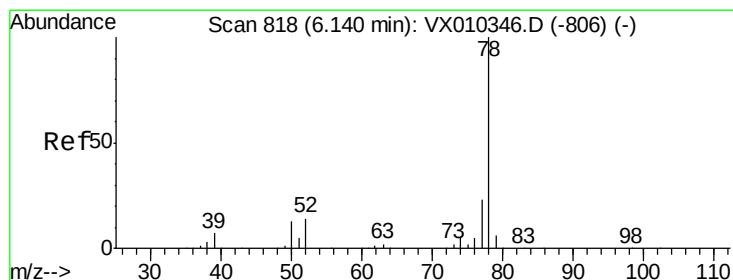
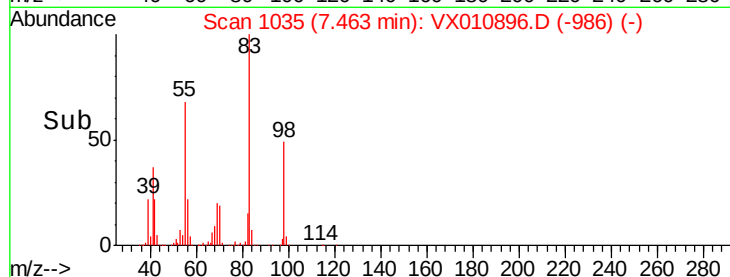
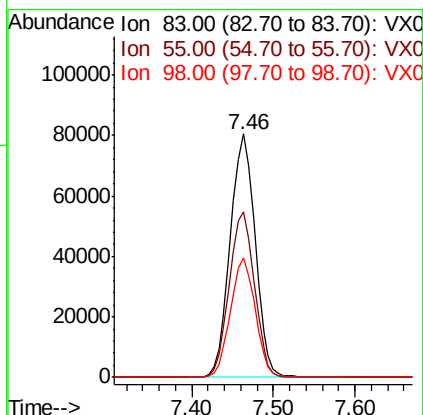
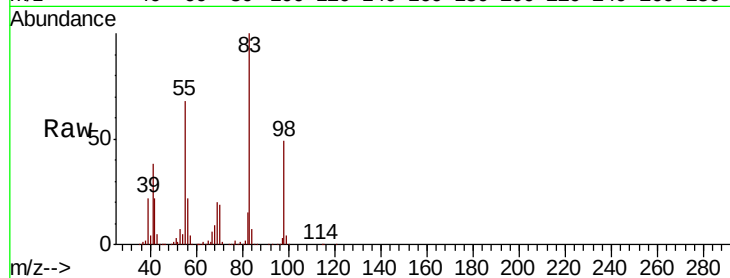




#39
Methylvlcyclohexane
Concen: 41.044 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX010896.D
Acq: 15 Jul 2019 19:44

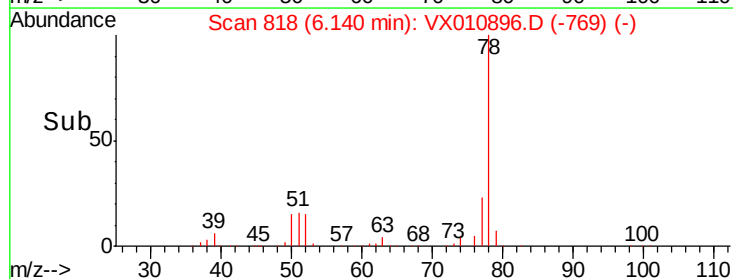
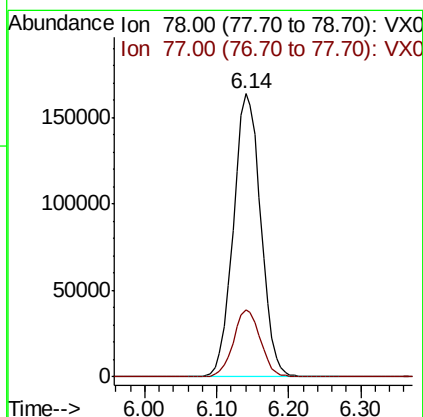
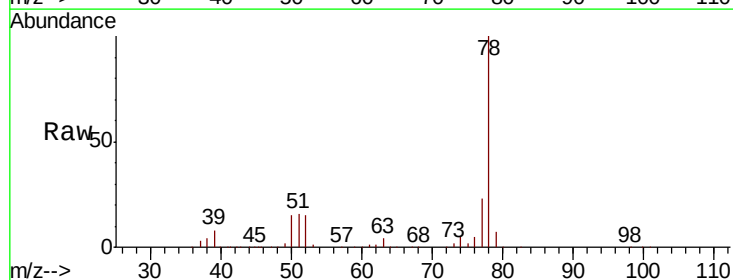
Instrument :
MSVOA_X
ClientSampled :
FL-0600MSD

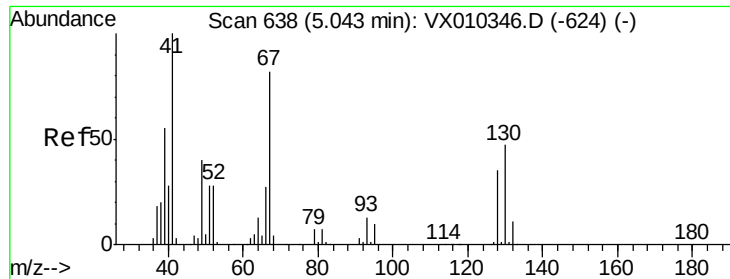
Tot Ion: 83 Resp: 170036
Ion Ratio Lower Upper
83 100
55 67.9 53.0 79.6
98 49.0 37.8 56.8



#40
Benzene
Concen: 44.024 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX010896.D
Acq: 15 Jul 2019 19:44

Tgt Ion: 78 Resp: 432263
Ion Ratio Lower Upper
78 100
77 23.5 18.6 28.0

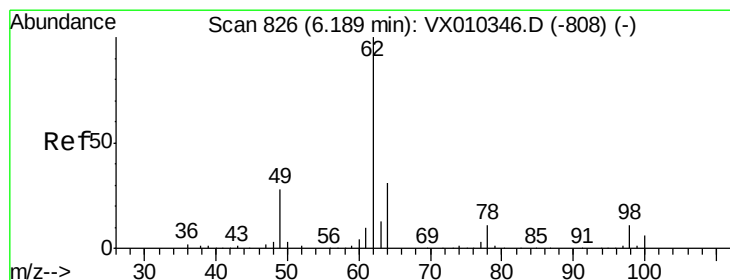
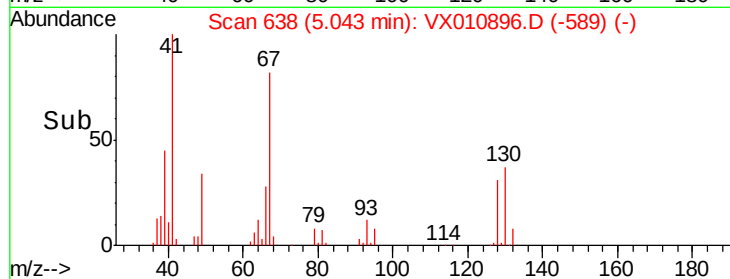
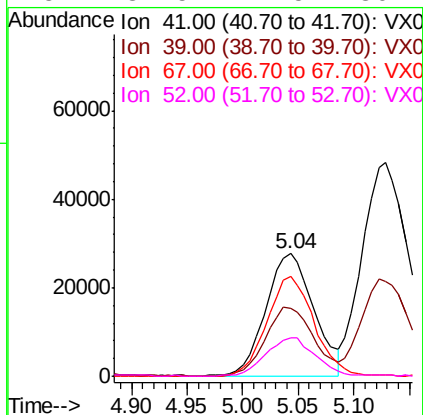
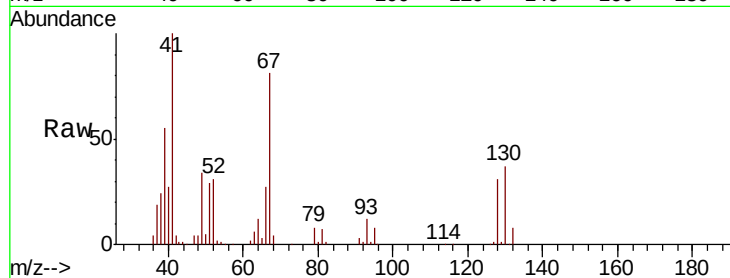




#41
Methacrylonitrile
Concen: 46.925 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX010896.D
Acq: 15 Jul 2019 19:44

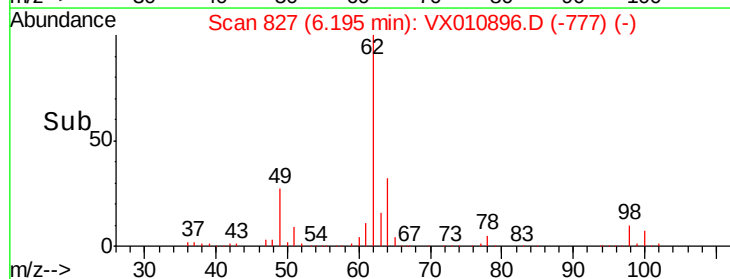
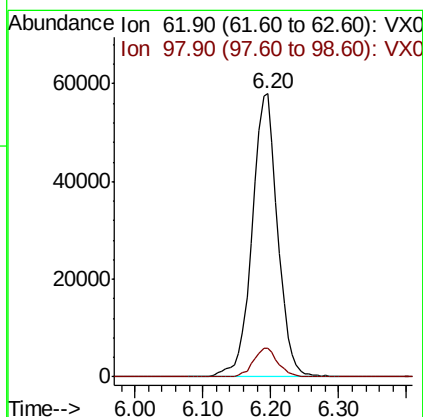
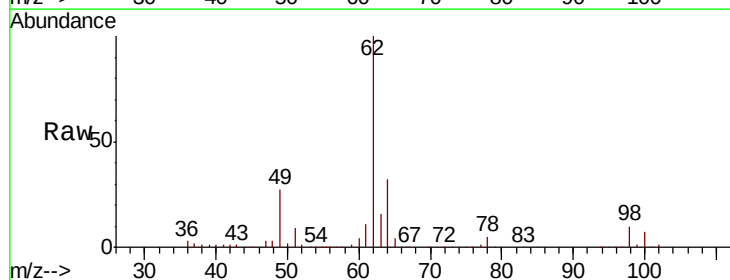
Instrument :
MSVOA_X
ClientSampled :
FL-0600MSD

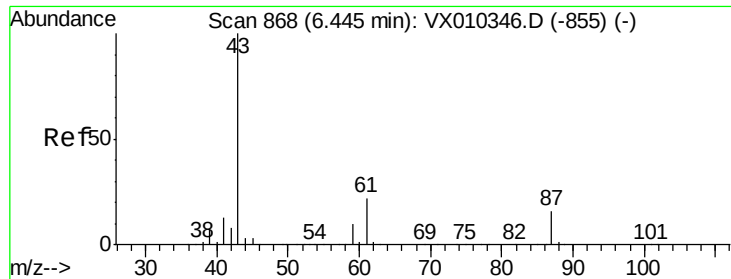
Tot Ion: 41 Resp: 83479
Ion Ratio Lower Upper
41 100
39 56.2 43.8 65.8
67 79.6 66.6 100.0
52 31.5 24.5 36.7



#42
1,2-Dichloroethane
Concen: 50.461 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.01 min
Lab File: VX010896.D
Acq: 15 Jul 2019 19:44

Tgt Ion: 62 Resp: 150822
Ion Ratio Lower Upper
62 100
98 9.8 0.0 22.2





#43

Isopropyl Acetate

Concen: 43.858 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX010896.D

Acq: 15 Jul 2019 19:44

Instrument :

MSVOA_X

ClientSampled :

FL-0600MSD

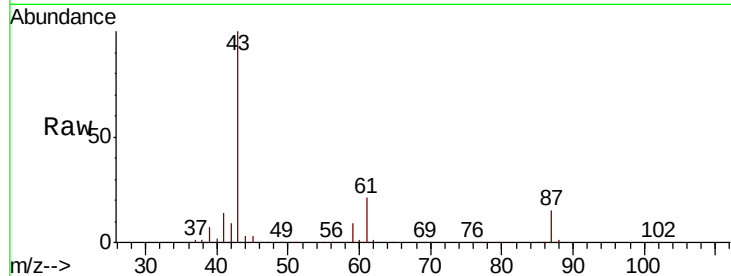
Tot Ion: 43 Resp: 235268

Ion Ratio Lower Upper

43 100

61 20.9 17.8 26.6

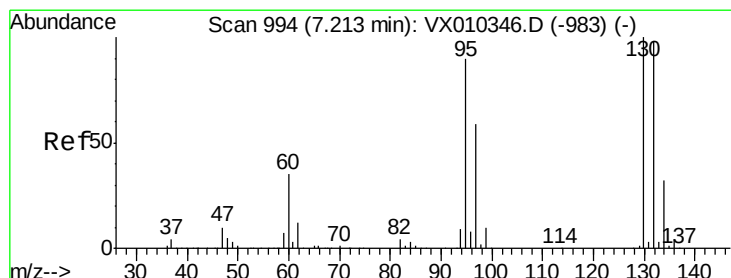
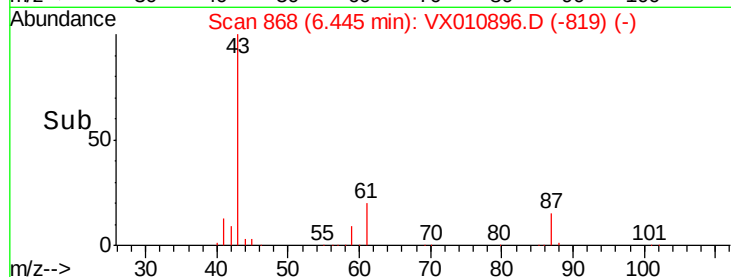
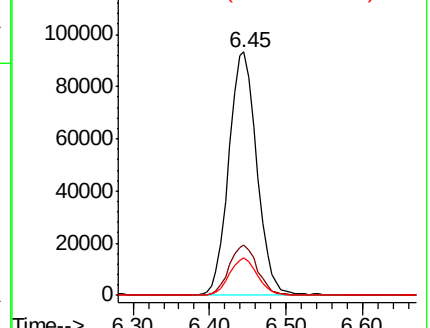
87 15.4 13.0 19.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 42.670 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.01 min

Lab File: VX010896.D

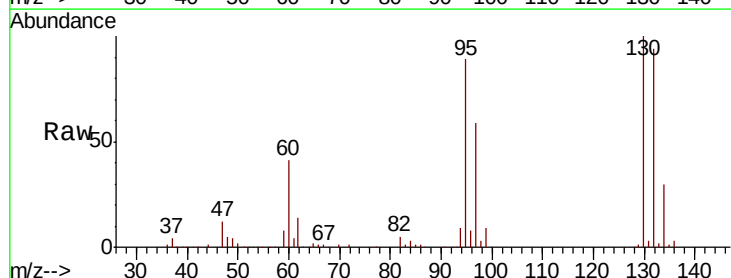
Acq: 15 Jul 2019 19:44

Tgt Ion:130 Resp: 125367

Ion Ratio Lower Upper

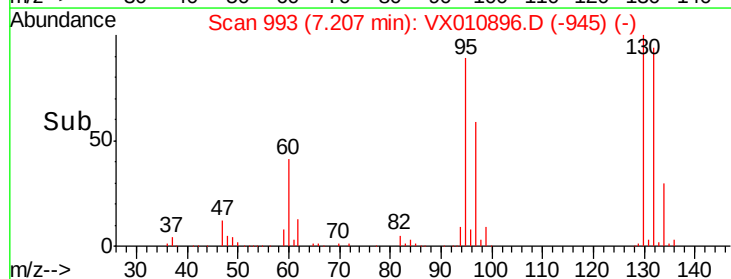
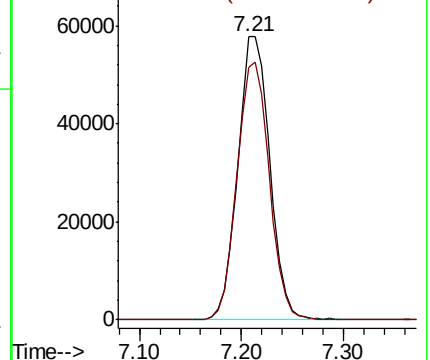
130 100

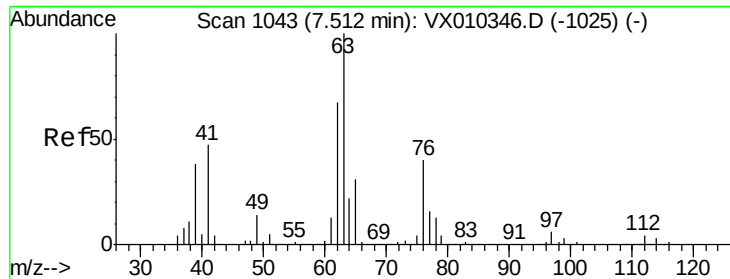
95 89.4 0.0 180.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

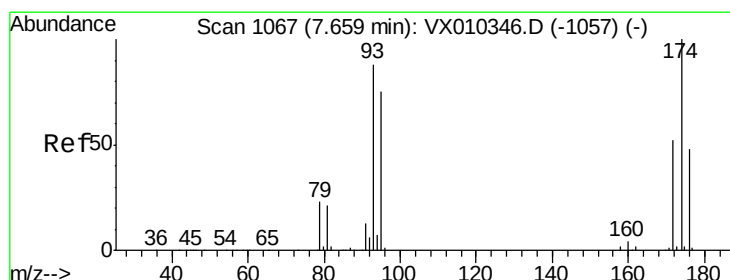
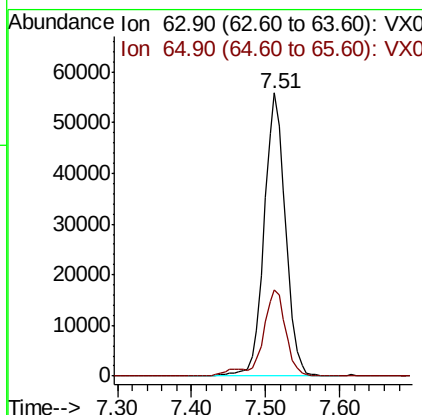
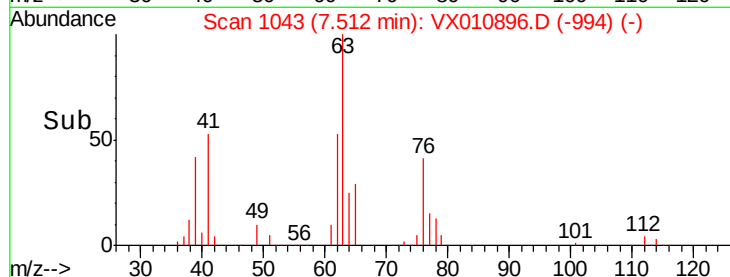
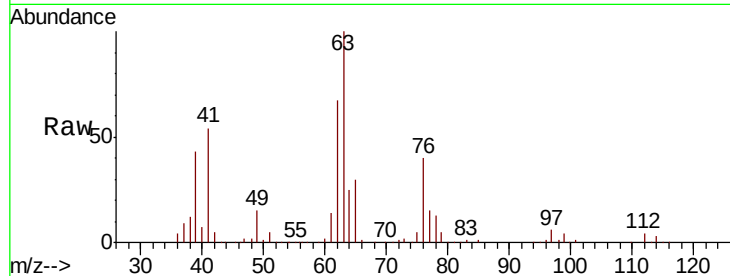




#45
 1,2-Dichloropropane
 Concen: 45.089 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX010896.D
 Acq: 15 Jul 2019 19:44

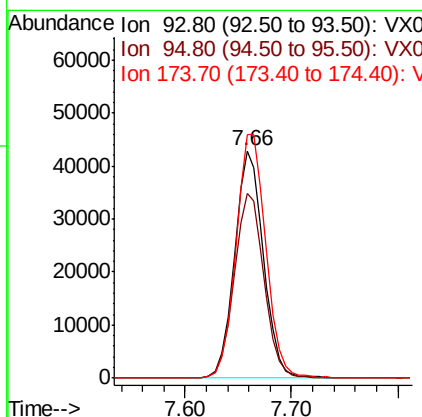
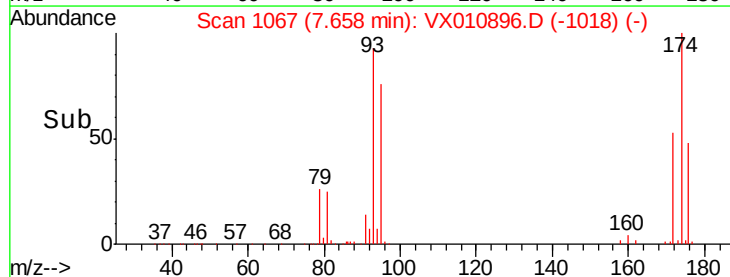
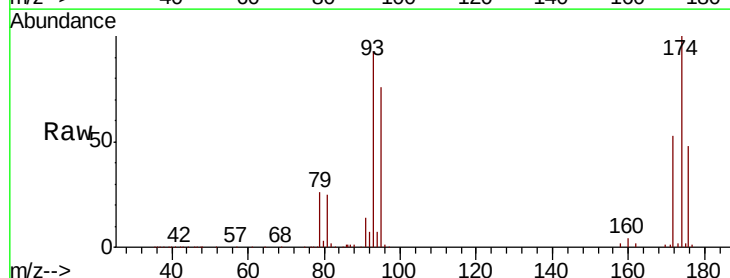
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0600MSD

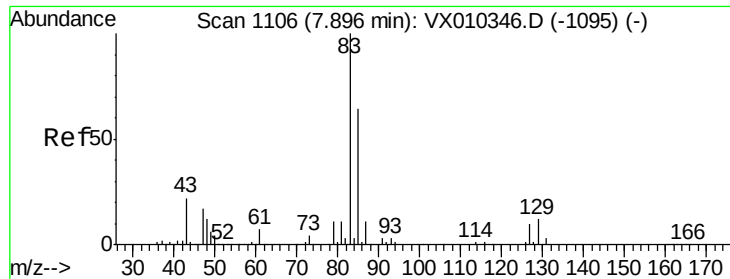
Tot Ion: 63 Resp: 111799
 Ion Ratio Lower Upper
 63 100
 65 30.5 24.8 37.2



#46
 Dibromomethane
 Concen: 45.675 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX010896.D
 Acq: 15 Jul 2019 19:44

Tgt Ion: 93 Resp: 81256
 Ion Ratio Lower Upper
 93 100
 95 84.0 67.5 101.3
 174 111.3 95.8 143.6





#47

Bromodichloromethane

Concen: 46.244 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX010896.D

Acq: 15 Jul 2019 19:44

Instrument :

MSVOA_X

ClientSampled :

FL-0600MSD

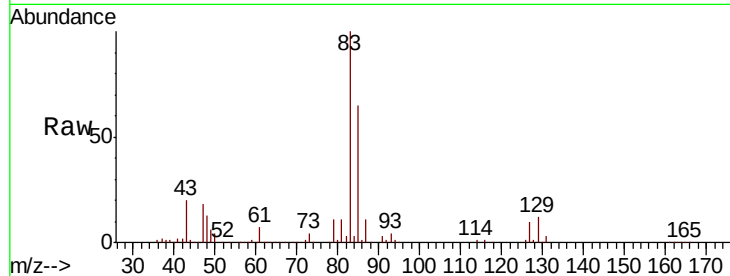
Tot Ion: 83 Resp: 150767

Ion Ratio Lower Upper

83 100

85 65.0 51.5 77.3

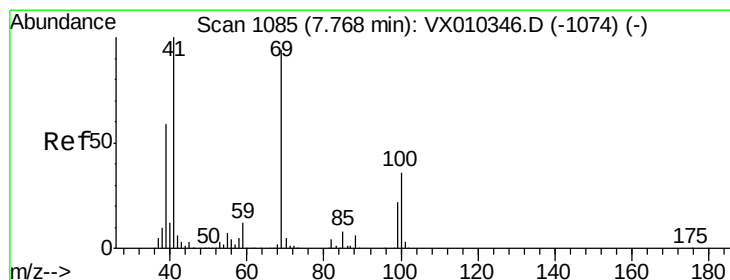
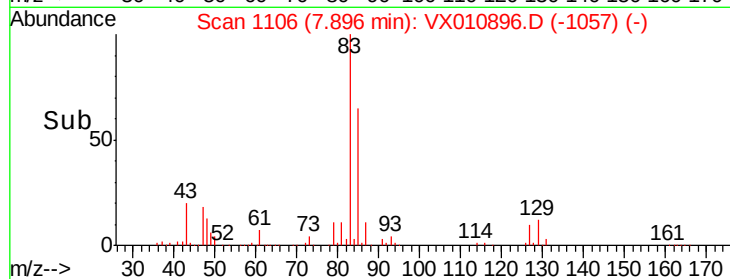
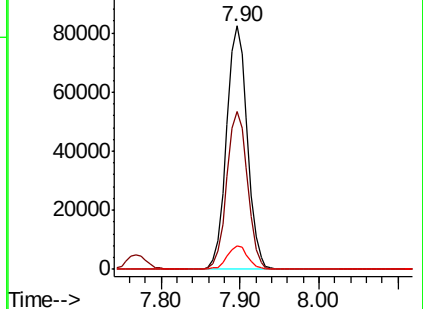
127 9.7 7.8 11.8



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: 47.919 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX010896.D

Acq: 15 Jul 2019 19:44

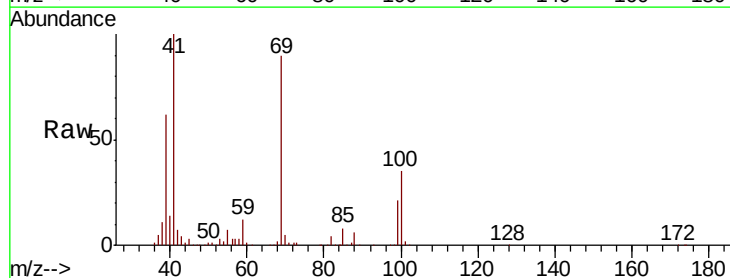
Tgt Ion: 41 Resp: 119481

Ion Ratio Lower Upper

41 100

69 92.6 76.1 114.1

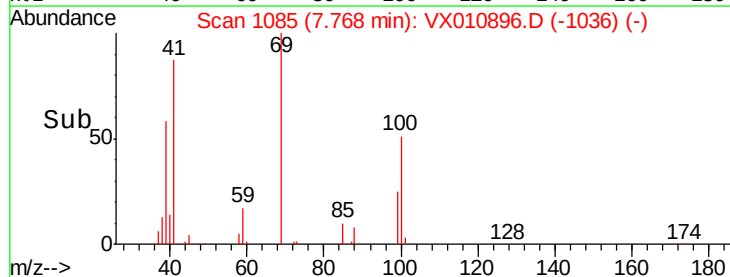
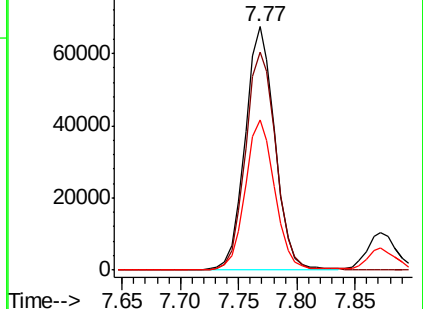
39 61.2 47.6 71.4

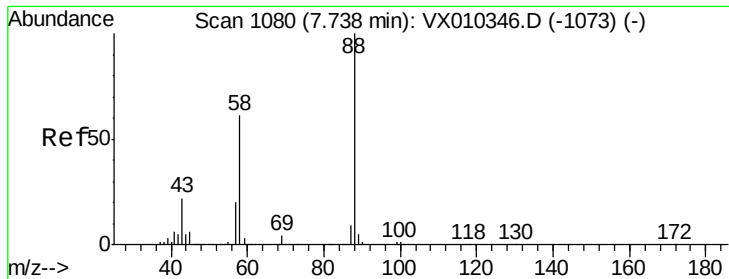


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

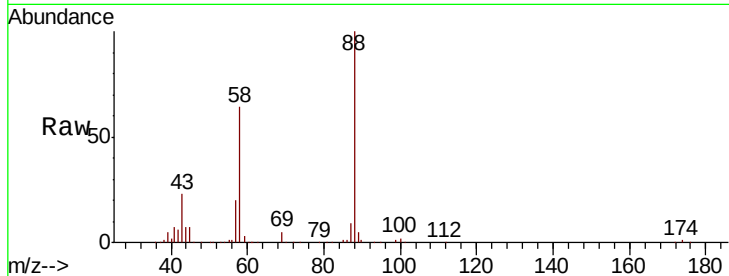




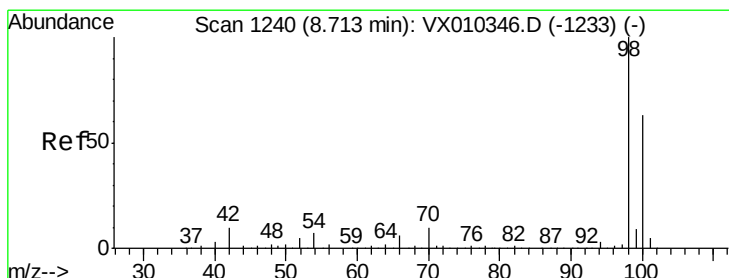
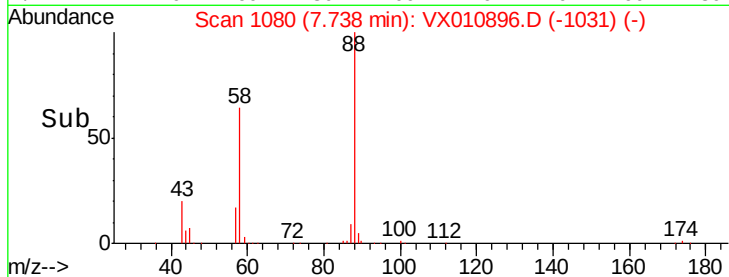
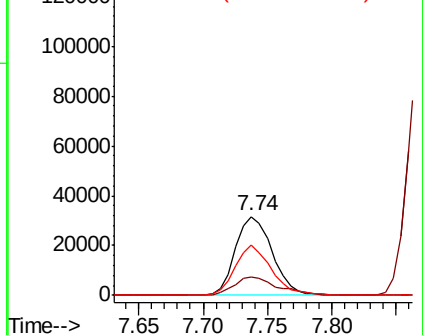
#49
1,4-Dioxane
Concen: 876.203 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX010896.D
Acq: 15 Jul 2019 19:44

Instrument :
MSVOA_X
ClientSampleId :
FL-0600MSD

Tot Ion: 88 Resp: 62936
Ion Ratio Lower Upper
88 100
43 27.1 20.2 30.2
58 62.9 49.5 74.3

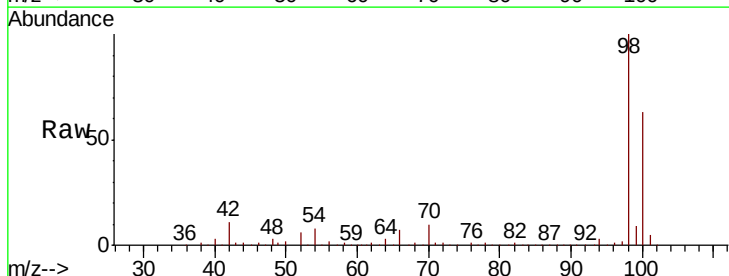


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

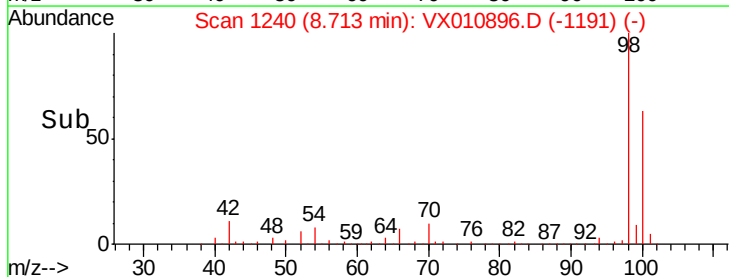
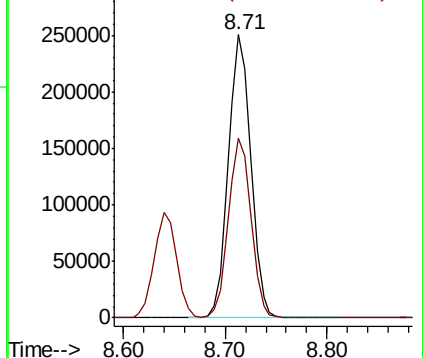


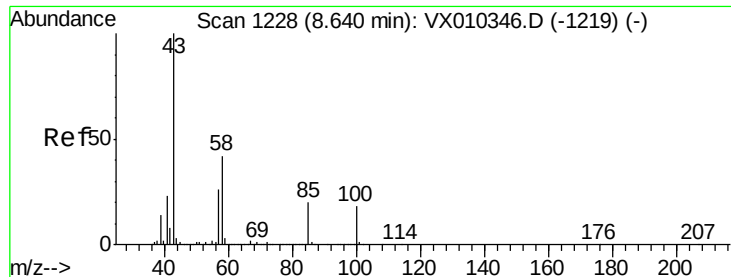
#50
Toluene-d8
Concen: 40.832 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX010896.D
Acq: 15 Jul 2019 19:44

Tgt Ion: 98 Resp: 379065
Ion Ratio Lower Upper
98 100
100 63.9 51.6 77.4



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





#51

4-Methyl-2-Pentanone

Concen: 237.757 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX010896.D

Acq: 15 Jul 2019 19:44

Instrument :

MSVOA_X

ClientSampleId :

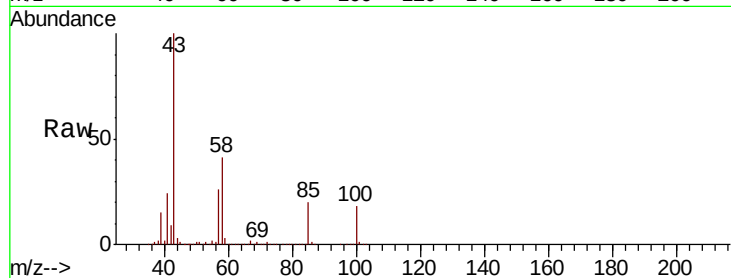
FL-0600MSD

Tot Ion: 43 Resp: 815693

Ion Ratio Lower Upper

43 100

58 41.1 33.5 50.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

500000

400000

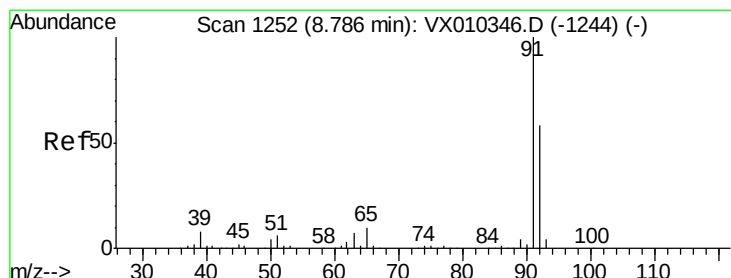
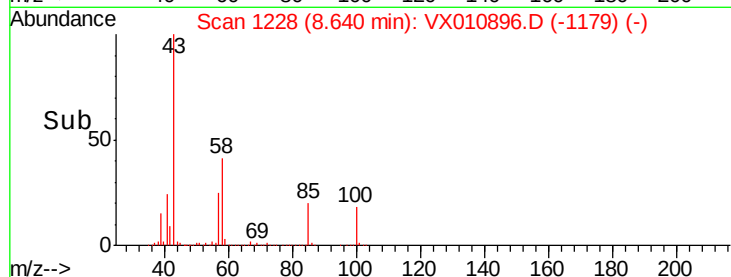
300000

200000

100000

0

Time--> 8.55 8.60 8.65 8.70



#52

Toluene

Concen: 43.643 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX010896.D

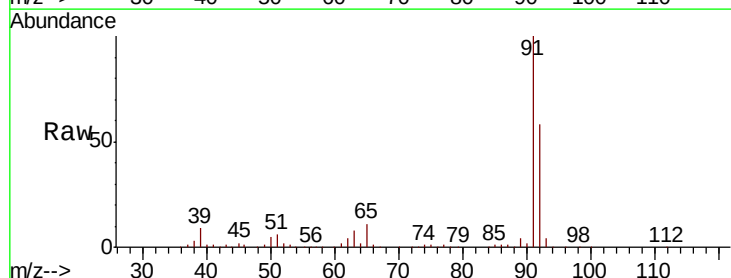
Acq: 15 Jul 2019 19:44

Tgt Ion: 92 Resp: 282196

Ion Ratio Lower Upper

92 100

91 174.9 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.78

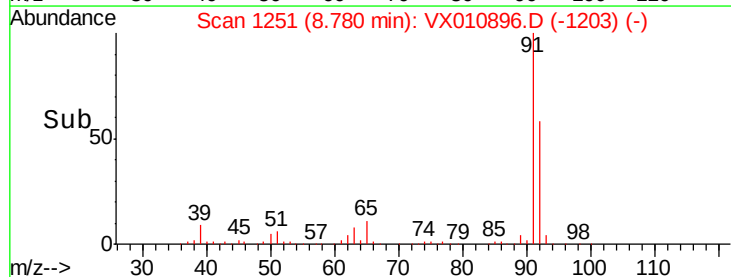
300000

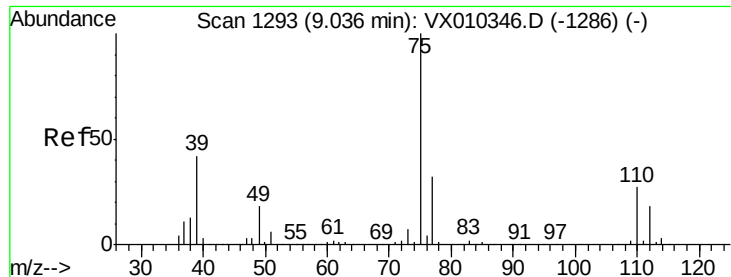
200000

100000

0

Time--> 8.70 8.75 8.80 8.85

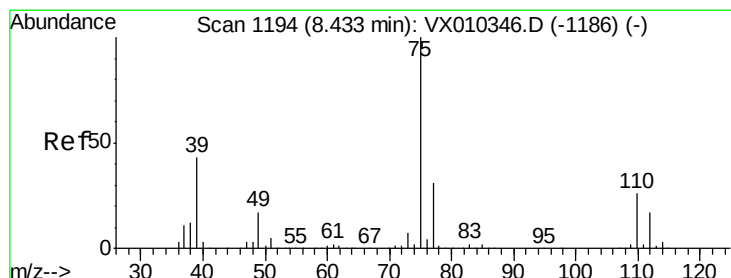
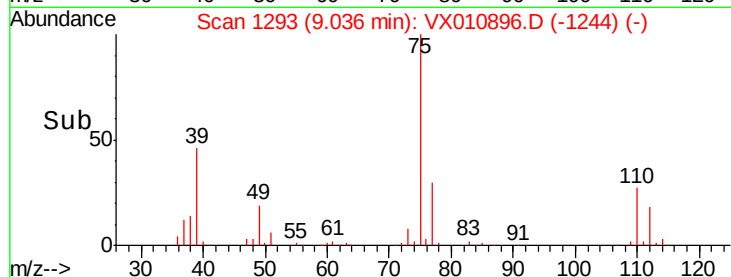
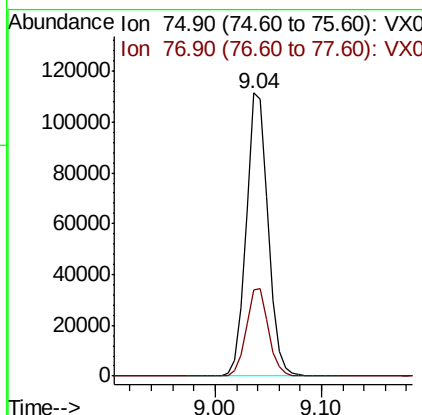
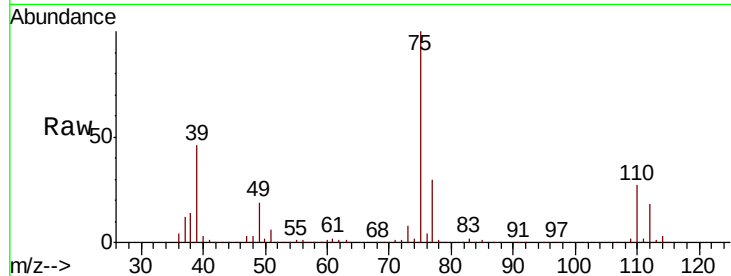




#53
 t-1,3-Dichloropropene
 Concen: 43.870 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. -0.00 min
 Lab File: VX010896.D
 Acq: 15 Jul 2019 19:44

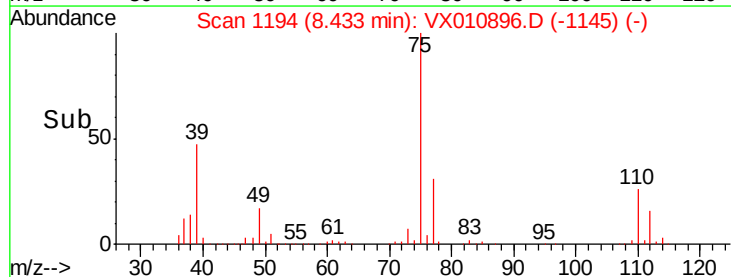
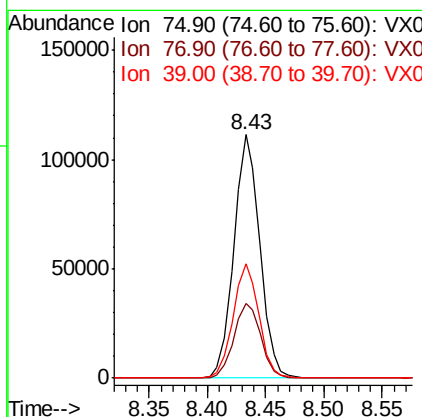
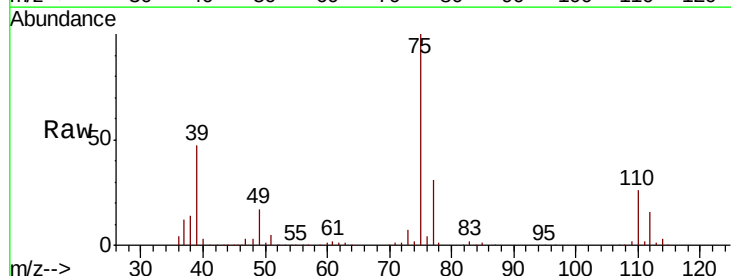
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0600MSD

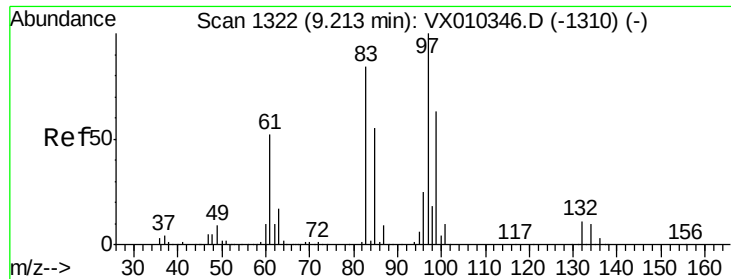
Tot Ion: 75 Resp: 160353
 Ion Ratio Lower Upper
 75 100
 77 30.4 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 43.525 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX010896.D
 Acq: 15 Jul 2019 19:44

Tgt Ion: 75 Resp: 172887
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.2 37.8
 39 46.8 34.5 51.7

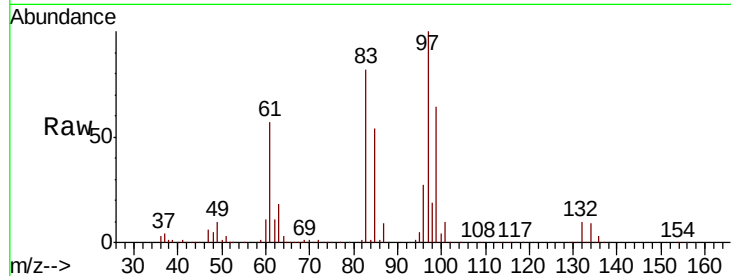




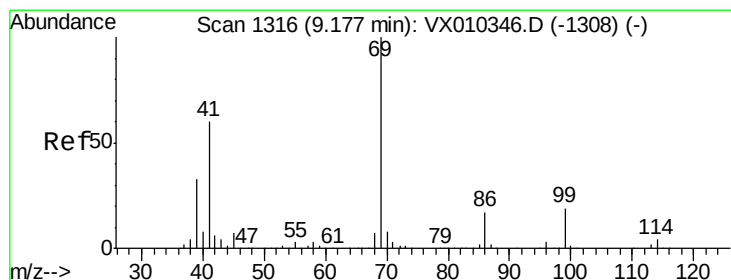
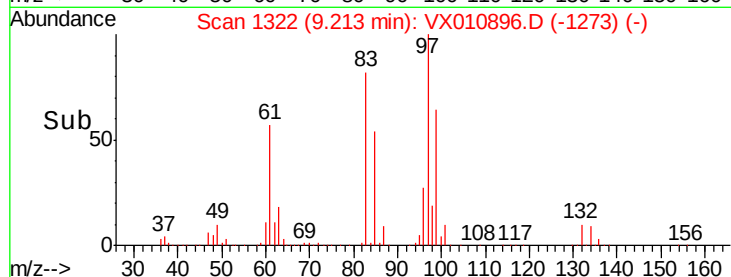
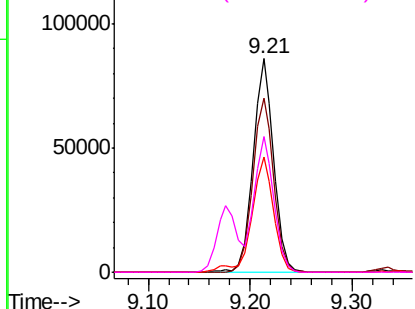
#55
 1,1,2-Trichloroethane
 Concen: 45.513 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX010896.D
 Acq: 15 Jul 2019 19:44

Instrument :
 MSVOA_X
 ClientSampled :
 FL-0600MSD

Tot Ion: 97 Resp: 121370
 Ion Ratio Lower Upper
 97 100
 83 81.8 67.4 101.0
 85 53.9 43.8 65.8
 99 63.7 50.3 75.5

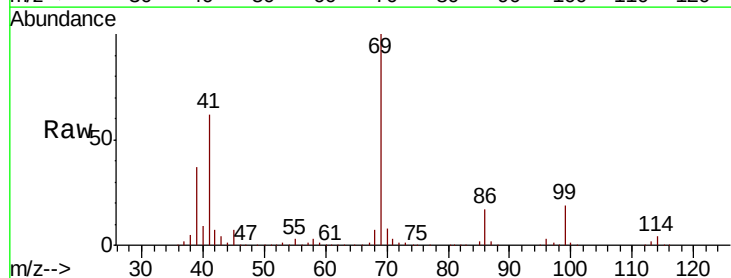


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

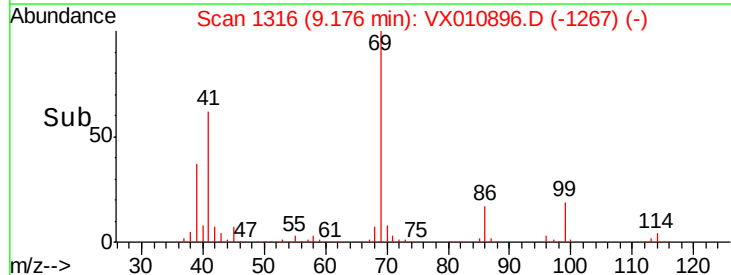
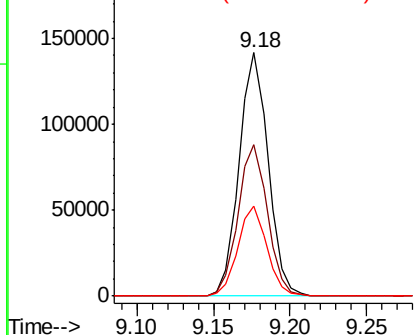


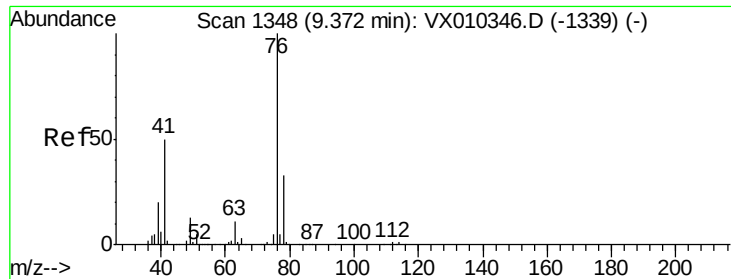
#56
 Ethyl methacrylate
 Concen: 46.367 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX010896.D
 Acq: 15 Jul 2019 19:44

Tgt Ion: 69 Resp: 187312
 Ion Ratio Lower Upper
 69 100
 41 62.8 47.1 70.7
 39 36.6 26.6 40.0



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

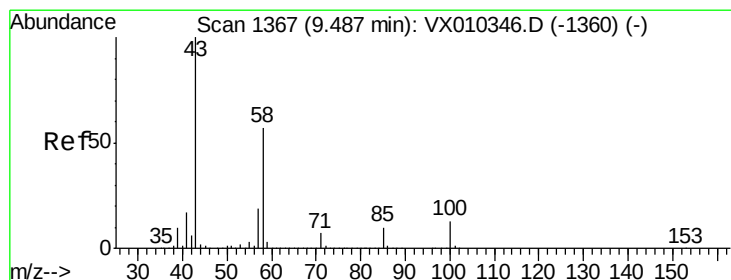
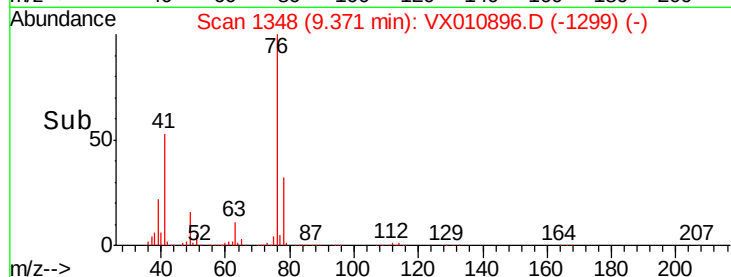
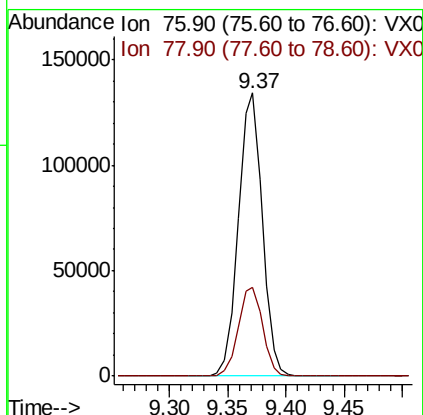
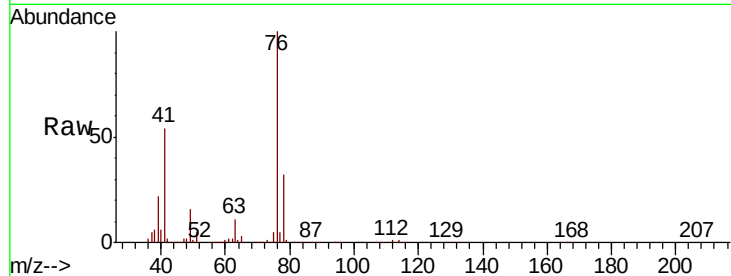




#57
 1,3-Dichloropropane
 Concen: 46.588 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX010896.D
 Acq: 15 Jul 2019 19:44

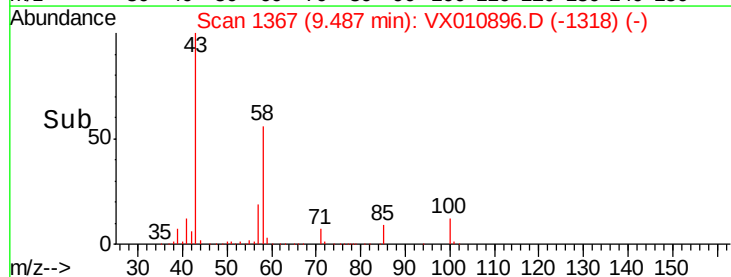
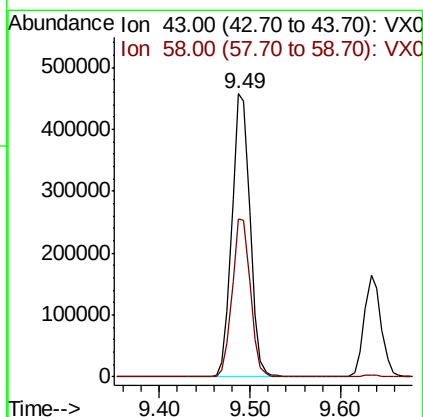
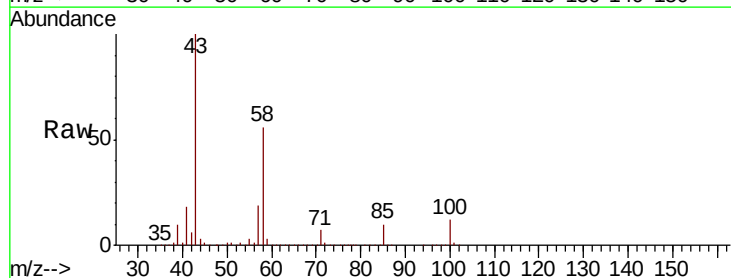
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0600MSD

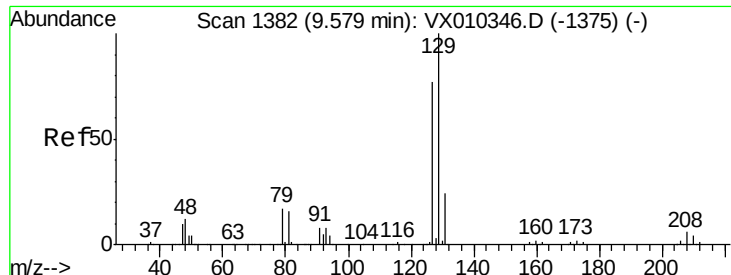
Tot Ion: 76 Resp: 192855
 Ion Ratio Lower Upper
 76 100
 78 32.1 26.1 39.1



#59
 2-Hexanone
 Concen: 234.803 ug/l
 RT: 9.49 min Scan# 1367
 Delta R.T. -0.00 min
 Lab File: VX010896.D
 Acq: 15 Jul 2019 19:44

Tgt Ion: 43 Resp: 634002
 Ion Ratio Lower Upper
 43 100
 58 56.1 29.0 87.1





#60

Dibromochloromethane

Concen: 44.420 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VX010896.D

Acq: 15 Jul 2019 19:44

Instrument :

MSVOA_X

ClientSampleId :

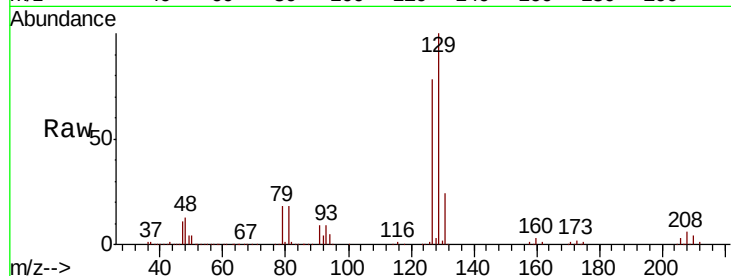
FL-0600MSD

Tot Ion:129 Resp: 132631

Ion Ratio Lower Upper

129 100

127 77.6 38.4 115.1



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.58

100000

80000

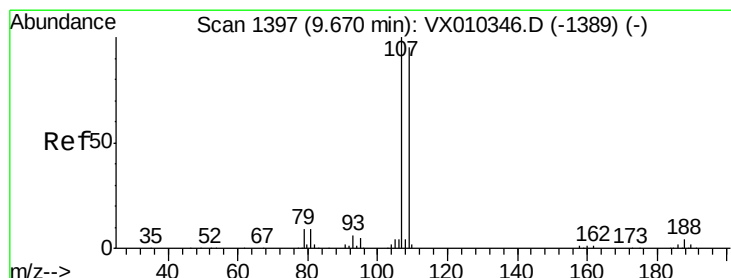
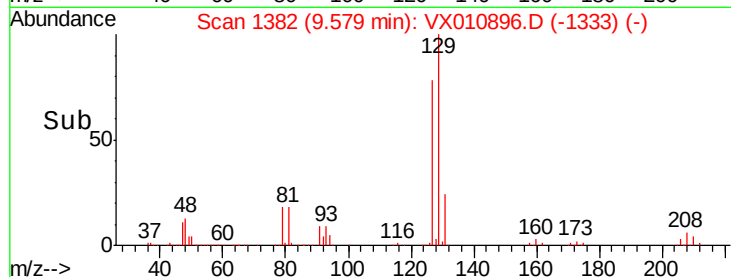
60000

40000

20000

0

Time-->



#61

1,2-Dibromoethane

Concen: 45.508 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX010896.D

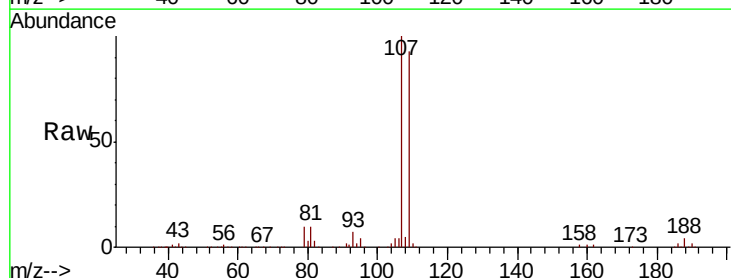
Acq: 15 Jul 2019 19:44

Tgt Ion:107 Resp: 130990

Ion Ratio Lower Upper

107 100

109 94.2 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

100000

80000

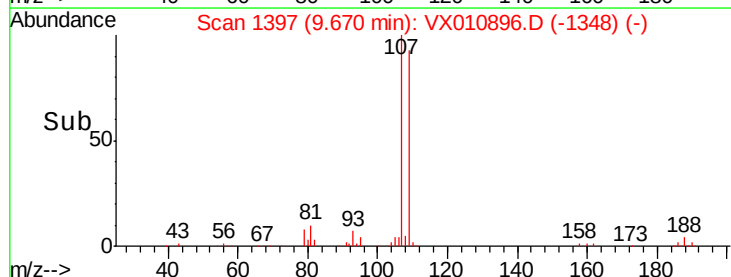
60000

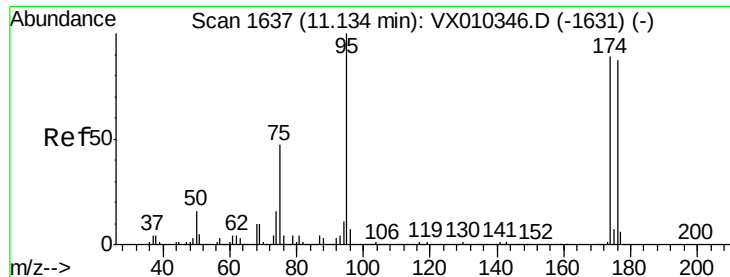
40000

20000

0

Time-->

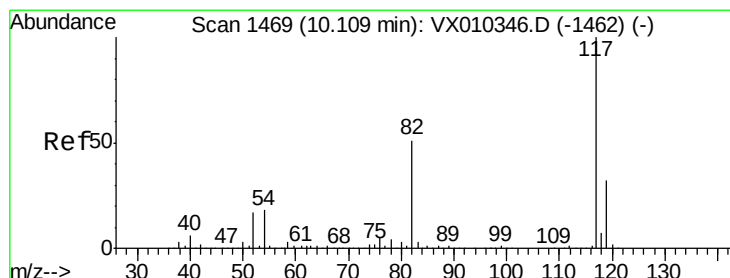
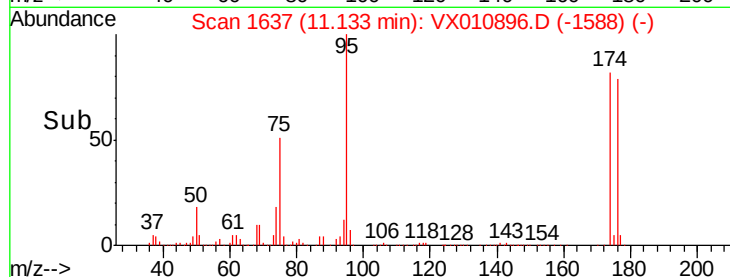
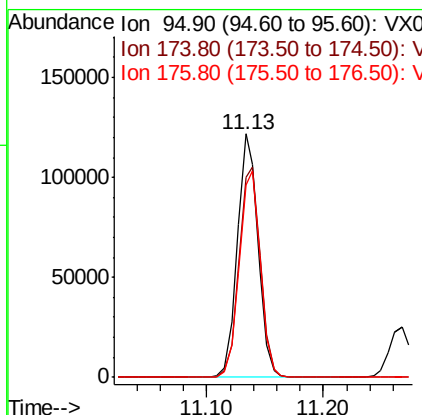
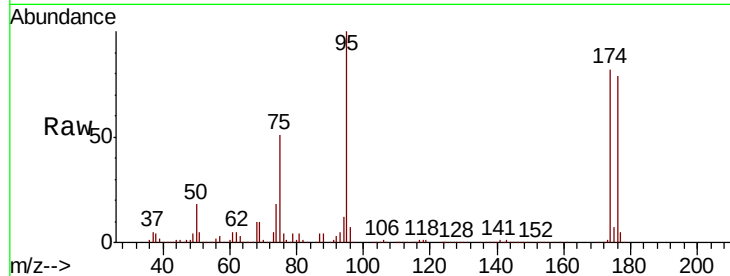




#62
4-Bromofluorobenzene
Concen: 44.953 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX010896.D
Acq: 15 Jul 2019 19:44

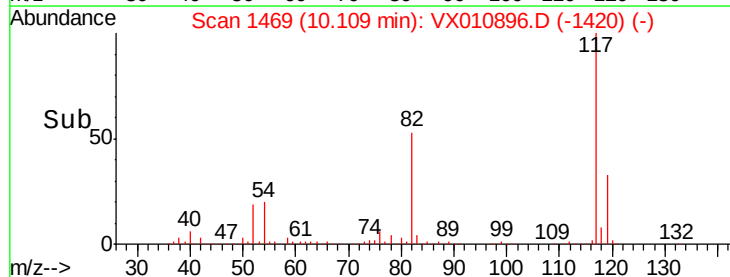
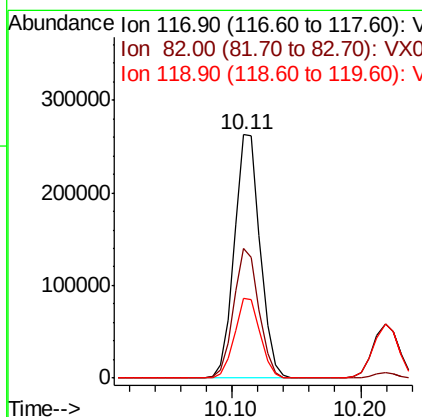
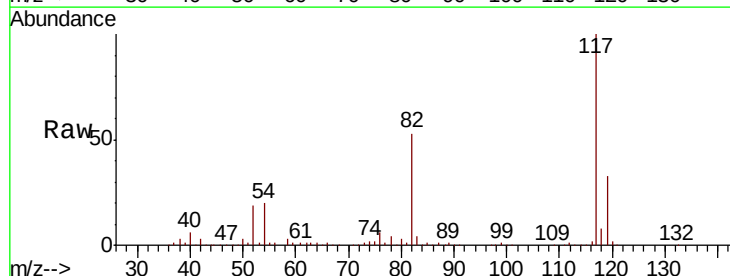
Instrument :
MSVOA_X
ClientSampleId :
FL-0600MSD

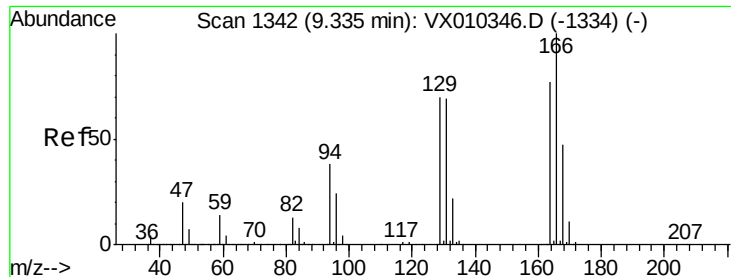
Tot Ion	Ratio	Lower	Upper
95	100		
174	89.7	0.0	187.6
176	86.5	0.0	184.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010896.D
Acq: 15 Jul 2019 19:44

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.3	41.2	61.8
119	32.6	25.5	38.3





#64

Tetrachloroethene

Concen: 38.564 ug/l

RT: 9.33 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX010896.D

Acq: 15 Jul 2019 19:44

Instrument :

MSVOA_X

ClientSampleId :

FL-0600MSD

Tot Ion:164 Resp: 114263

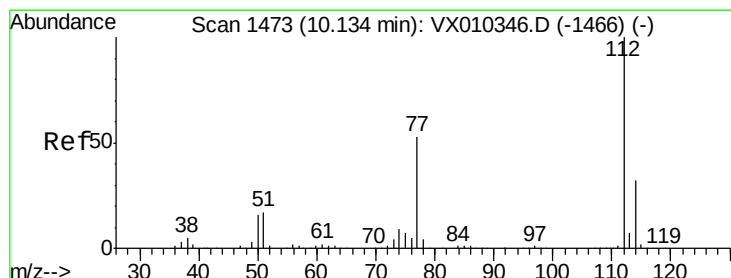
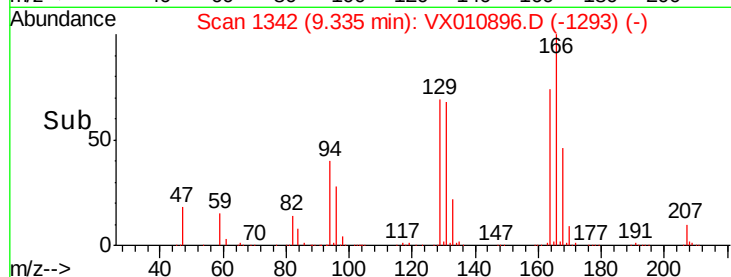
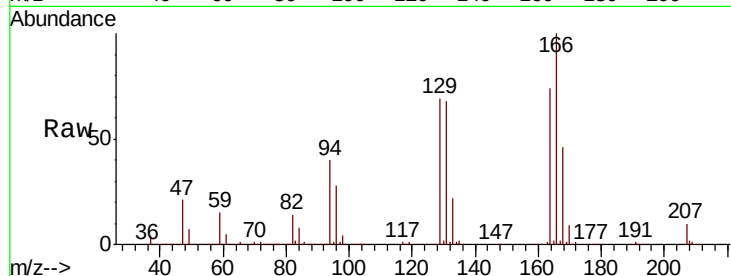
Ion Ratio Lower Upper

164 100

166 136.0 103.6 155.4

129 93.5 73.0 109.4

131 92.2 71.0 106.4



#65

Chlorobenzene

Concen: 43.546 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.01 min

Lab File: VX010896.D

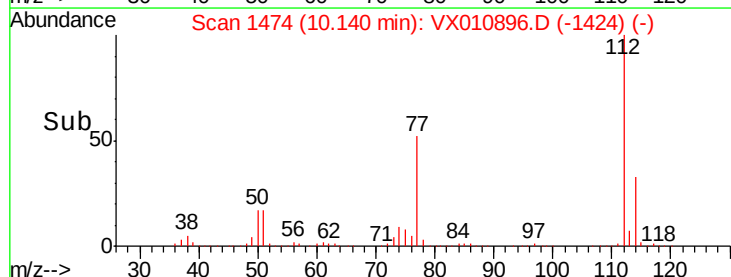
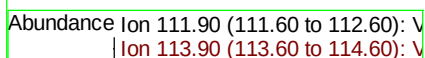
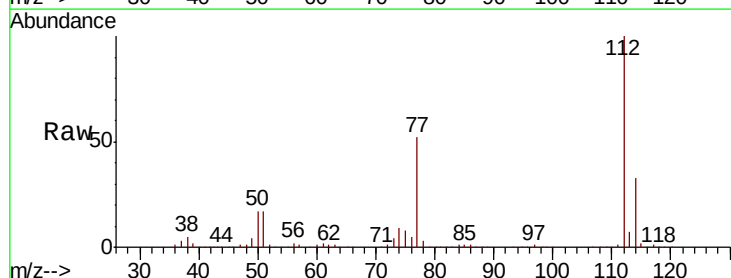
Acq: 15 Jul 2019 19:44

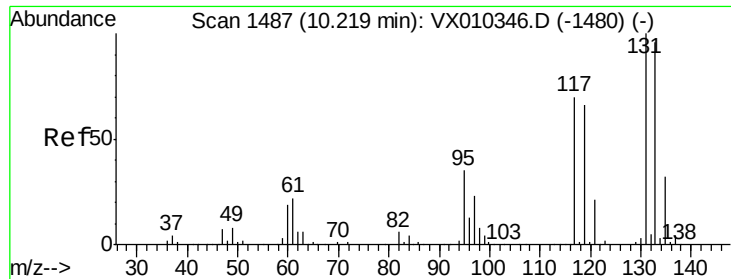
Tgt Ion:112 Resp: 323860

Ion Ratio Lower Upper

112 100

114 32.9 25.4 38.2





#66

1,1,1,2-Tetrachloroethane

Concen: 44.955 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX010896.D

Acq: 15 Jul 2019 19:44

Instrument :

MSVOA_X

ClientSampleId :

FL-0600MSD

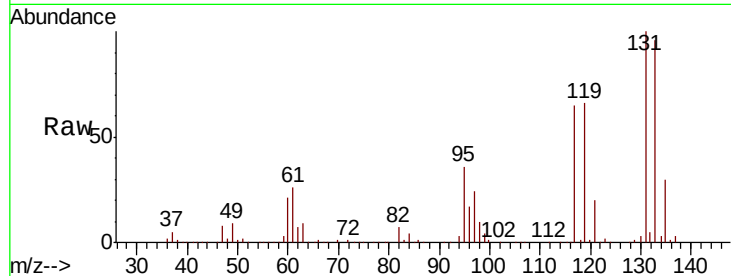
Tot Ion:131 Resp: 121783

Ion Ratio Lower Upper

131 100

133 96.1 47.7 143.1

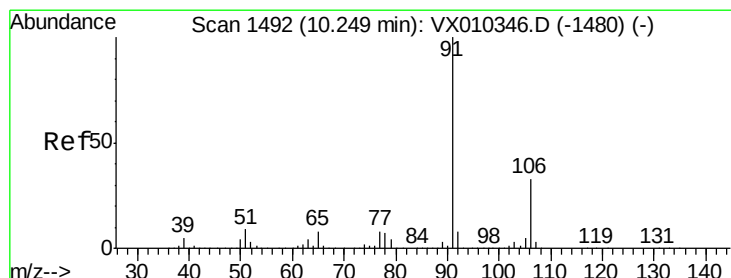
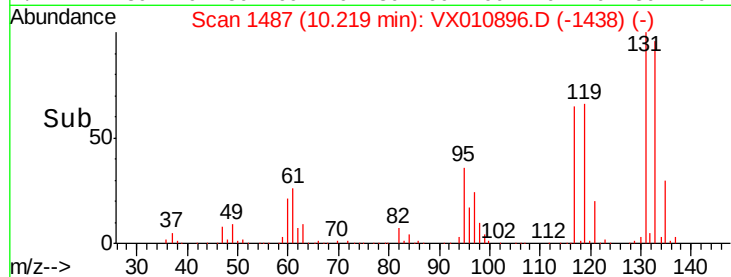
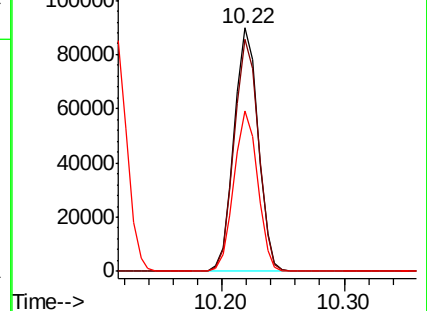
119 64.9 32.6 97.7



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: 44.715 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX010896.D

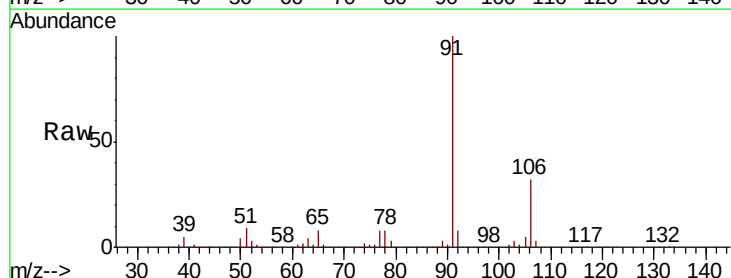
Acq: 15 Jul 2019 19:44

Tgt Ion: 91 Resp: 561427

Ion Ratio Lower Upper

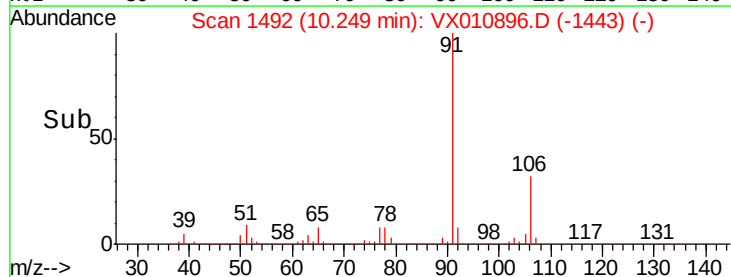
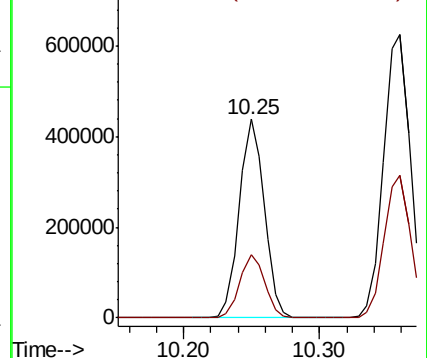
91 100

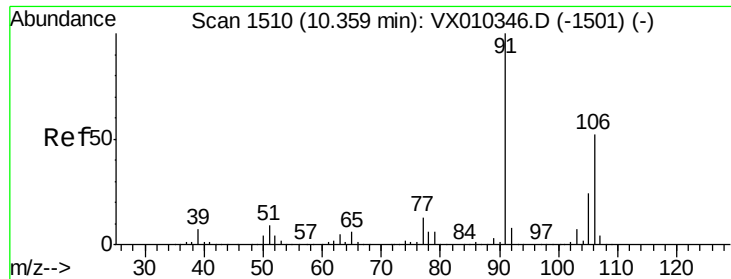
106 31.9 26.2 39.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 87.567 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX010896.D

Acq: 15 Jul 2019 19:44

Instrument :

MSVOA_X

ClientSampleId :

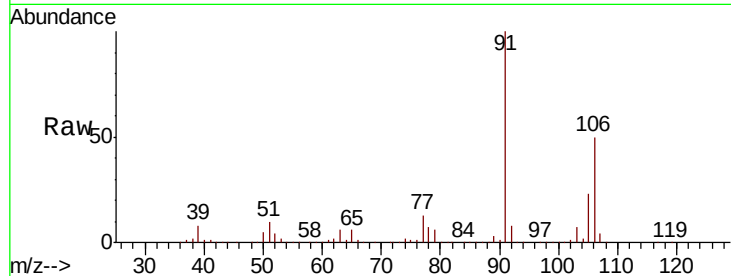
FL-0600MSD

Tot Ion:106 Resp: 426011

Ion Ratio Lower Upper

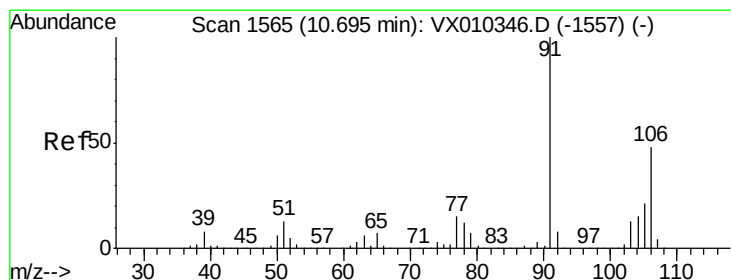
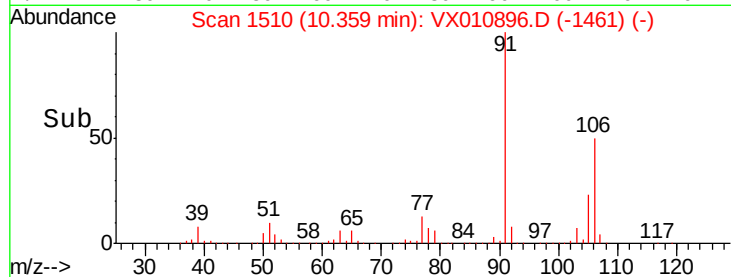
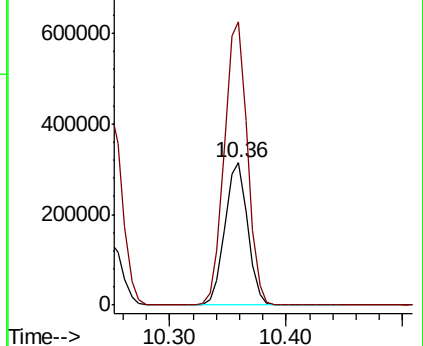
106 100

91 201.1 155.3 232.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 44.194 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. -0.00 min

Lab File: VX010896.D

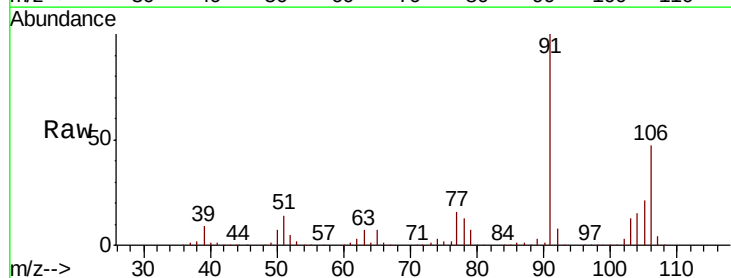
Acq: 15 Jul 2019 19:44

Tgt Ion:106 Resp: 211435

Ion Ratio Lower Upper

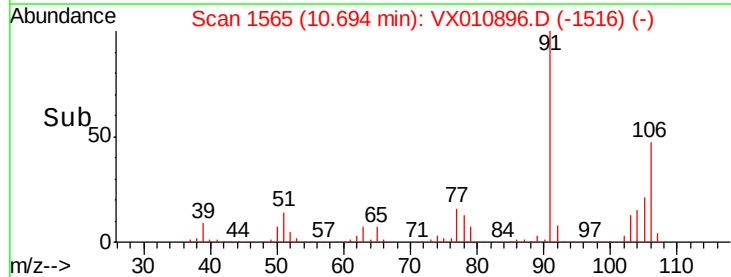
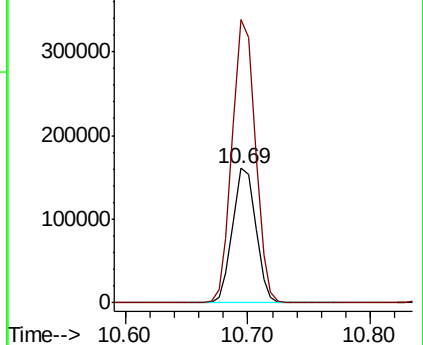
106 100

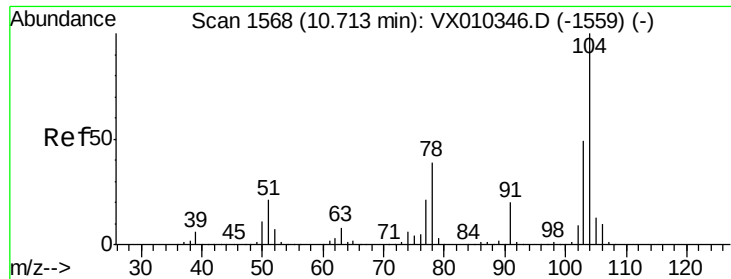
91 209.3 102.7 308.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

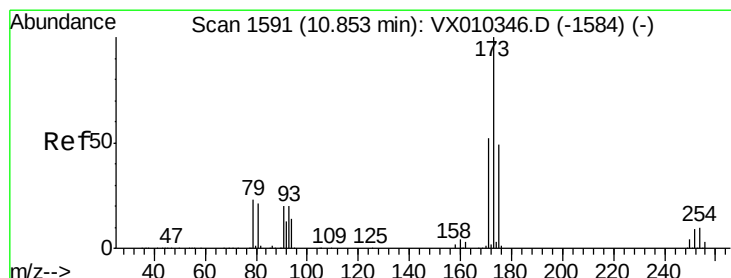
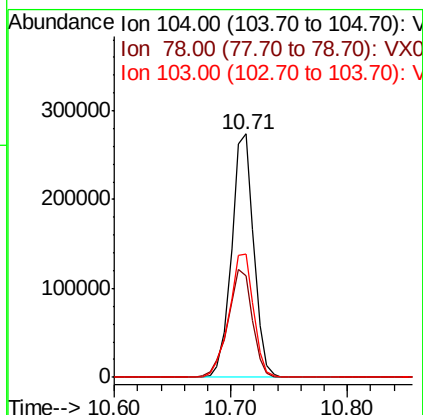
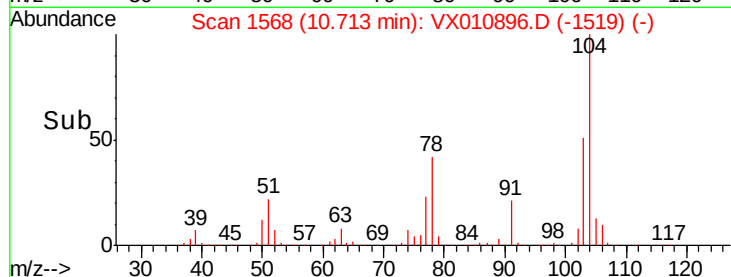
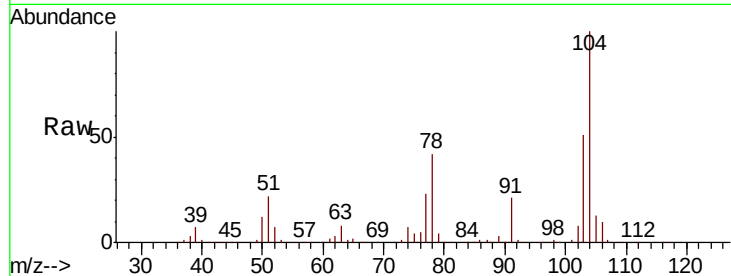




#70
Stvrene
Concen: 45.252 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX010896.D
Acq: 15 Jul 2019 19:44

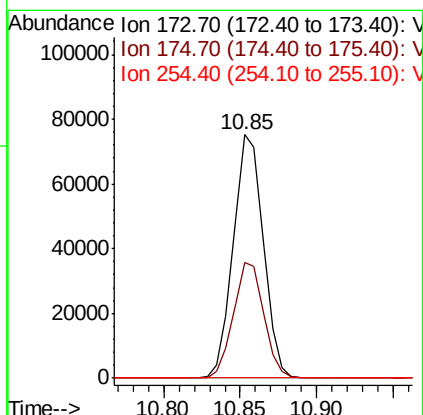
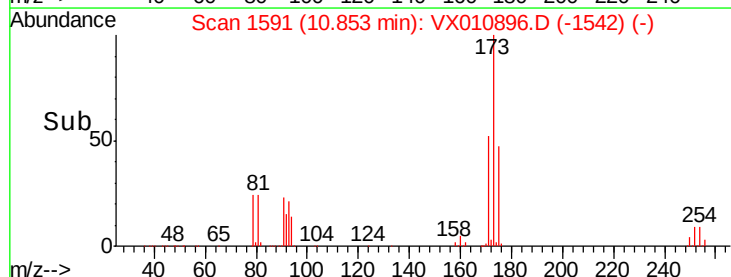
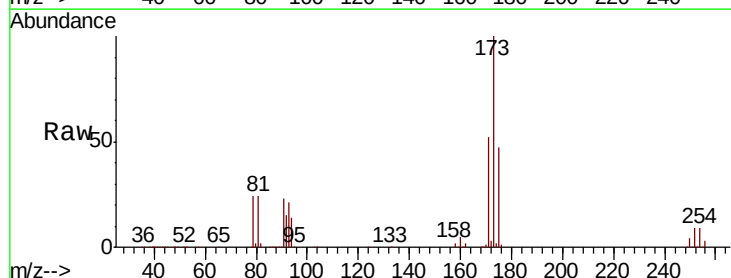
Instrument :
MSVOA_X
ClientSampleId :
FL-0600MSD

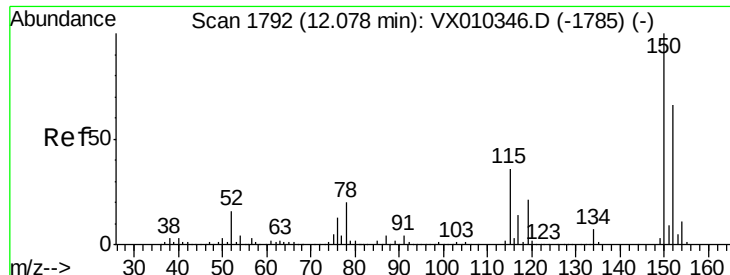
Tot Ion:104 Resp: 363073
Ion Ratio Lower Upper
104 100
78 48.8 36.2 54.2
103 55.7 44.2 66.4



#71
Bromoform
Concen: 43.510 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VX010896.D
Acq: 15 Jul 2019 19:44

Tgt Ion:173 Resp: 102501
Ion Ratio Lower Upper
173 100
175 47.9 24.1 72.3
254 0.2 0.2 0.2



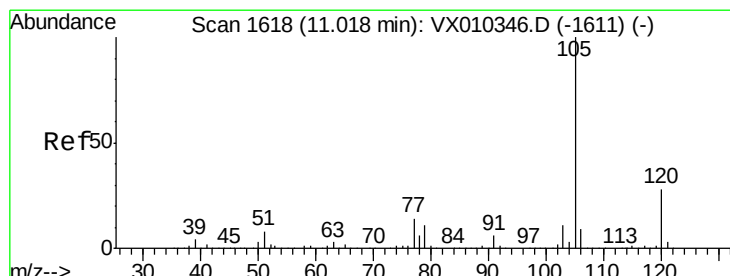
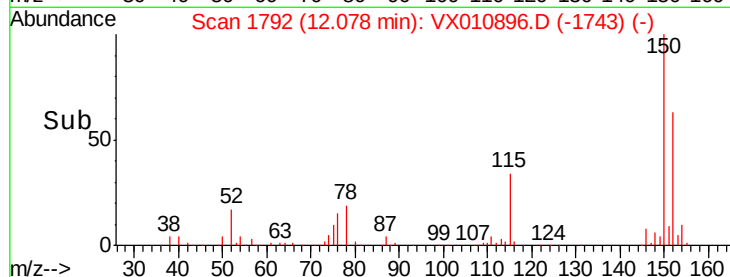
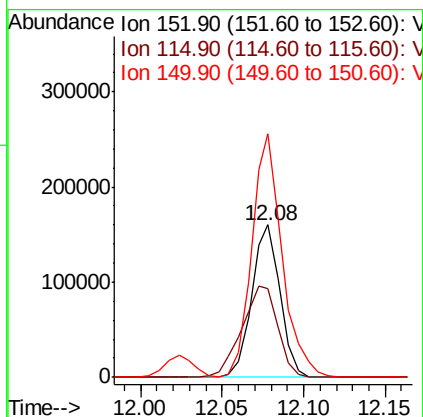
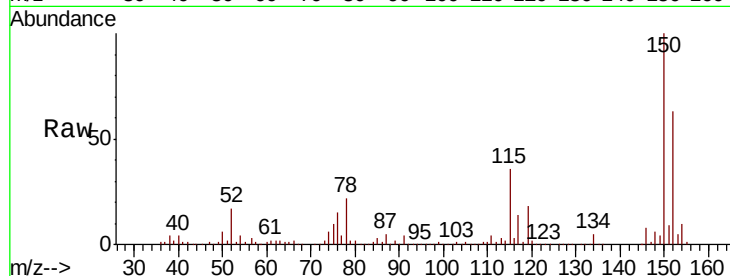


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX010896.D
Acq: 15 Jul 2019 19:44

Instrument :
MSVOA_X
ClientSampleId :
FL-0600MSD

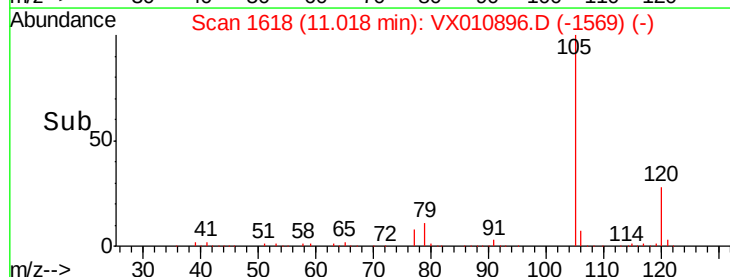
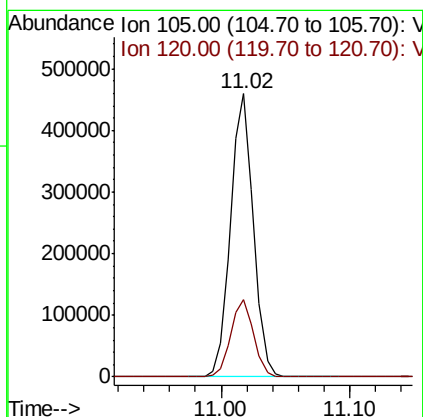
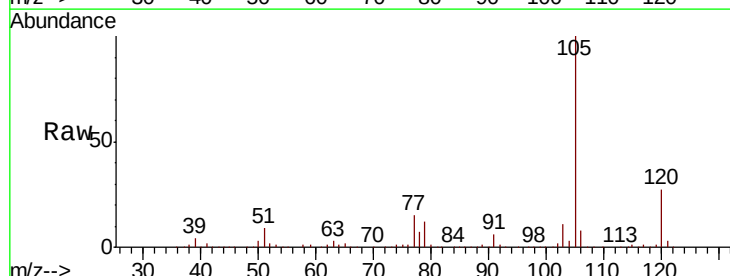
Tot Ion:152 Resp: 192562
Ion Ratio Lower Upper
152 100
115 76.9 38.6 115.7
150 171.3 0.0 347.4

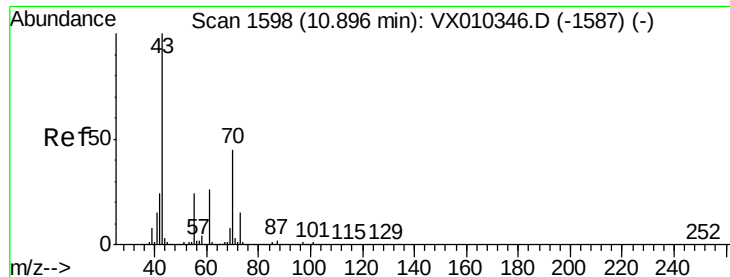


#73

Isopropylbenzene
Concen: 43.629 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX010896.D
Acq: 15 Jul 2019 19:44

Tgt Ion:105 Resp: 569503
Ion Ratio Lower Upper
105 100
120 27.4 14.1 42.4





#74

N-amvl acetate

Concen: 43.120 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX010896.D

Acq: 15 Jul 2019 19:44

Instrument :

MSVOA_X

ClientSampled :

FL-0600MSD

Tot Ion: 43 Resp: 212716

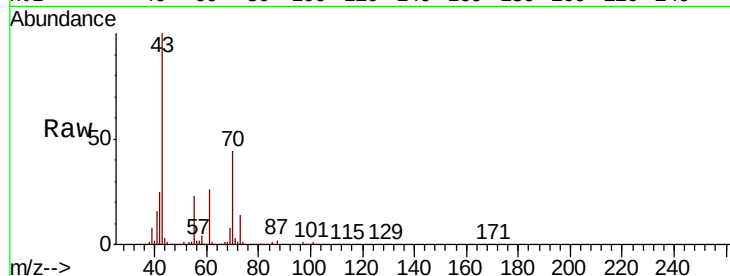
Ion Ratio Lower Upper

43 100

70 43.6 36.6 54.8

55 23.5 18.7 28.1

61 25.2 20.6 31.0

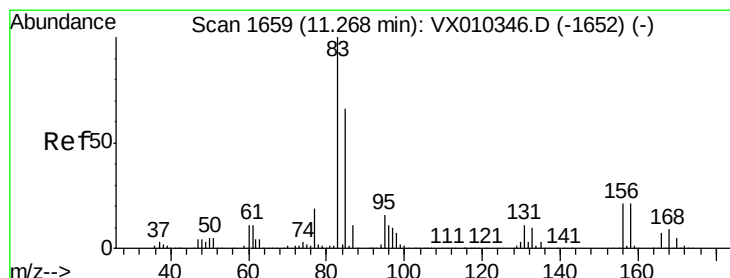
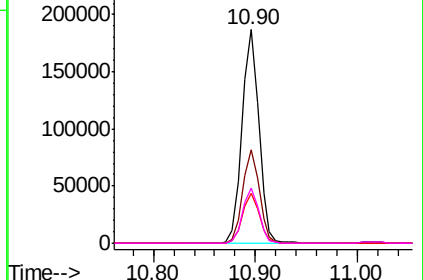
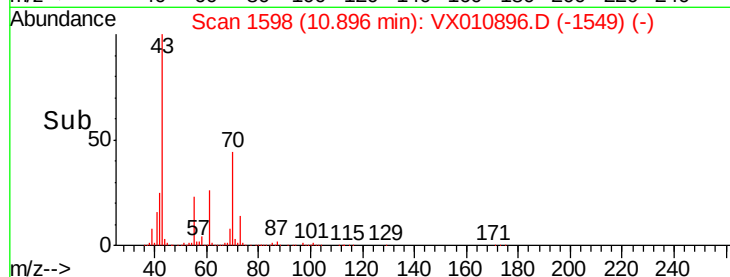


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 44.106 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX010896.D

Acq: 15 Jul 2019 19:44

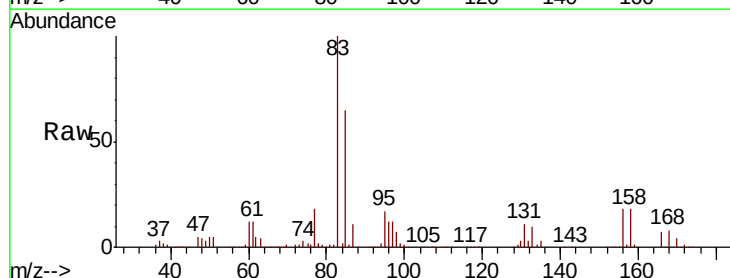
Tgt Ion: 83 Resp: 190667

Ion Ratio Lower Upper

83 100

131 11.0 5.5 16.4

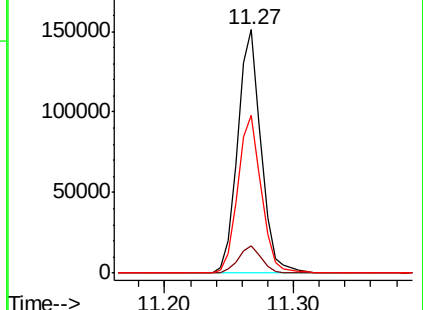
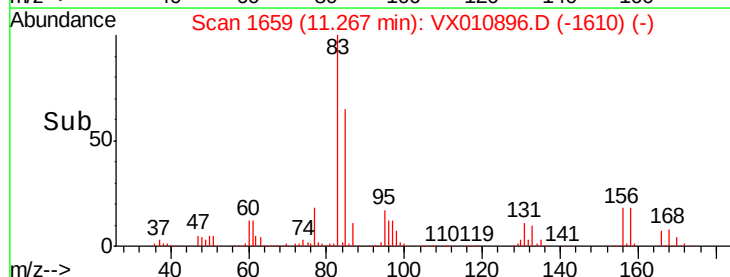
85 65.4 32.3 96.8

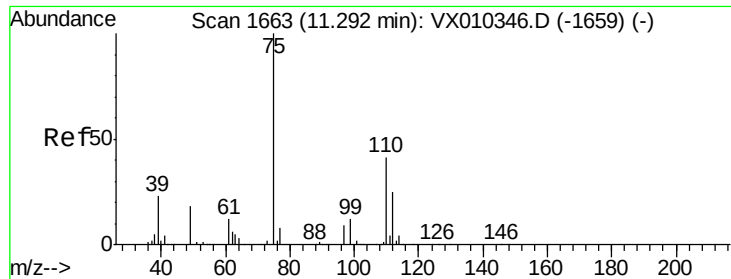


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

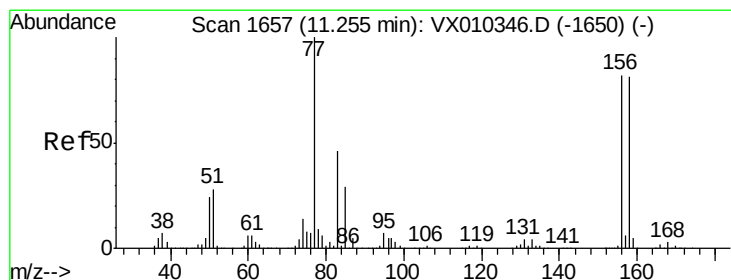
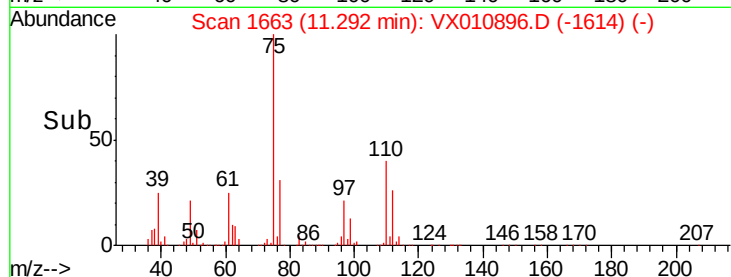
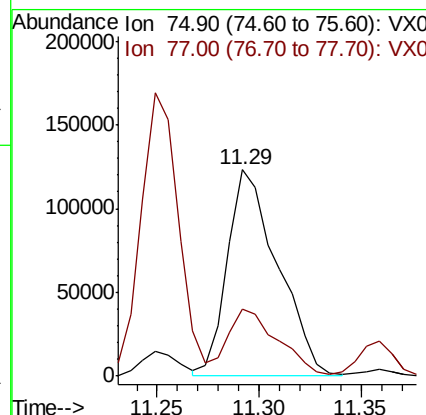
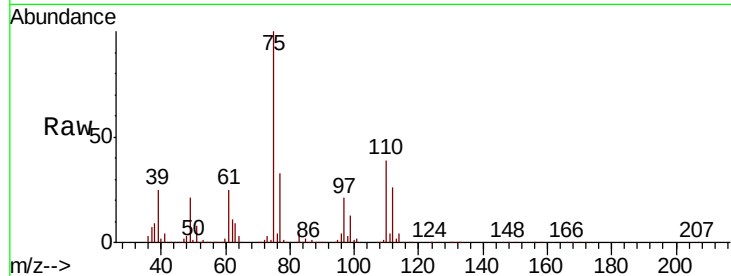




#76
 1,2,3-Trichloropropane
 Concen: 60.167 ug/l
 RT: 11.29 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: VX010896.D
 Acq: 15 Jul 2019 19:44

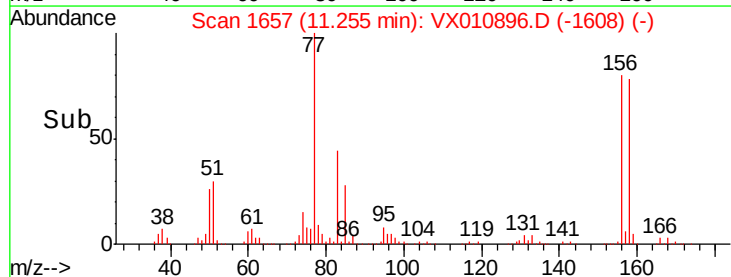
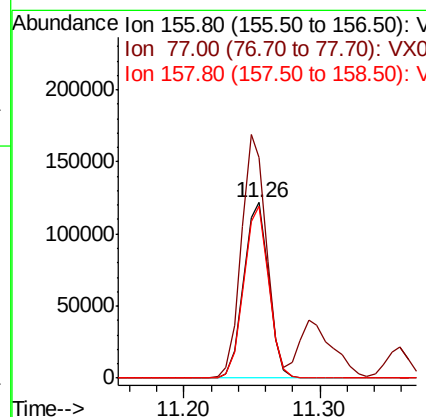
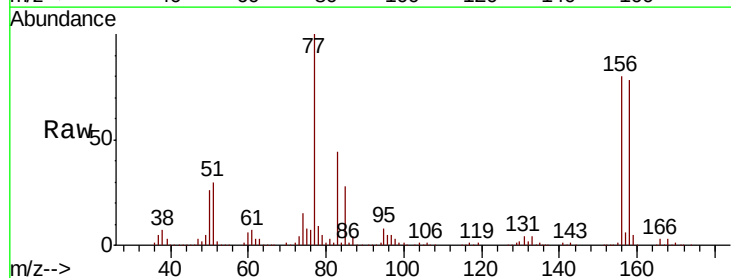
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0600MSD

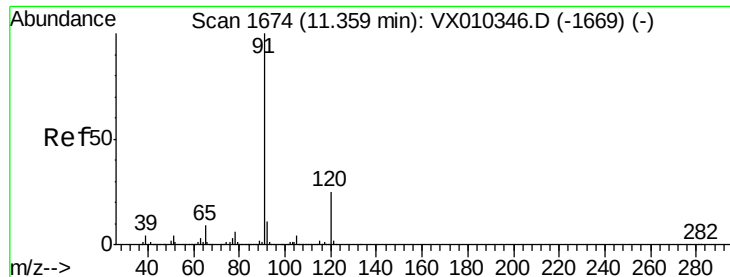
Tot Ion: 75 Resp: 211124
 Ion Ratio Lower Upper
 75 100
 77 32.4 22.6 67.8



#77
 Bromobenzene
 Concen: 42.823 ug/l
 RT: 11.26 min Scan# 1657
 Delta R.T. -0.00 min
 Lab File: VX010896.D
 Acq: 15 Jul 2019 19:44

Tgt Ion: 156 Resp: 156085
 Ion Ratio Lower Upper
 156 100
 77 138.0 66.3 198.7
 158 97.5 48.9 146.7





#78

n-propylbenzene

Concen: 44.448 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010896.D

Acq: 15 Jul 2019 19:44

Instrument :

MSVOA_X

ClientSampleId :

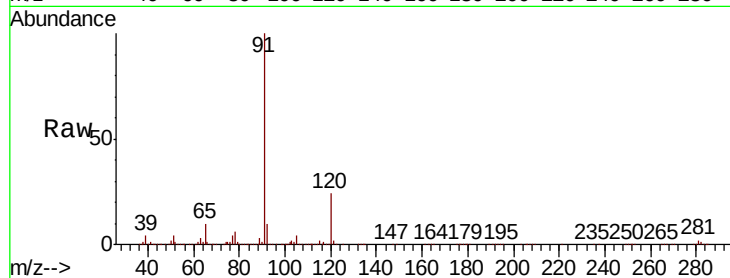
FL-0600MSD

Tot Ion: 91 Resp: 637666

Ion Ratio Lower Upper

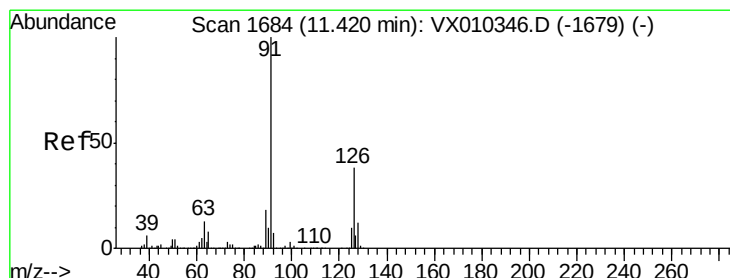
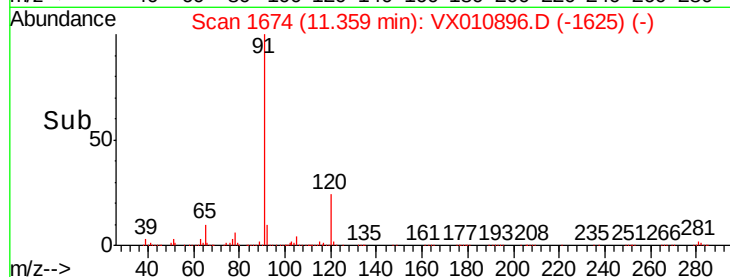
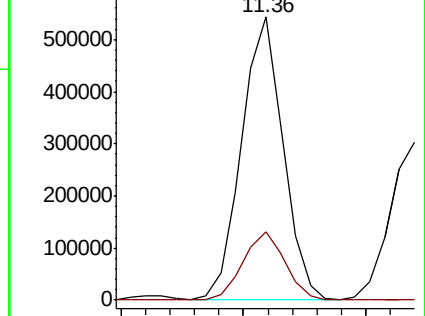
91 100

120 24.4 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 44.009 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX010896.D

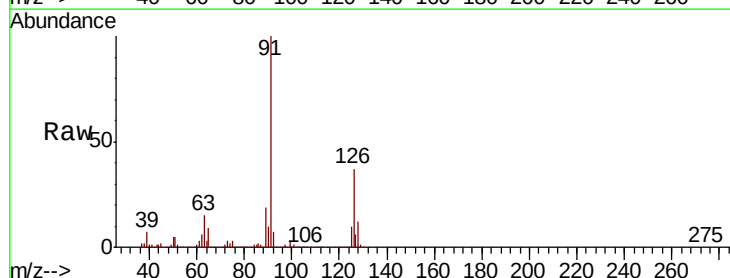
Acq: 15 Jul 2019 19:44

Tgt Ion: 91 Resp: 375956

Ion Ratio Lower Upper

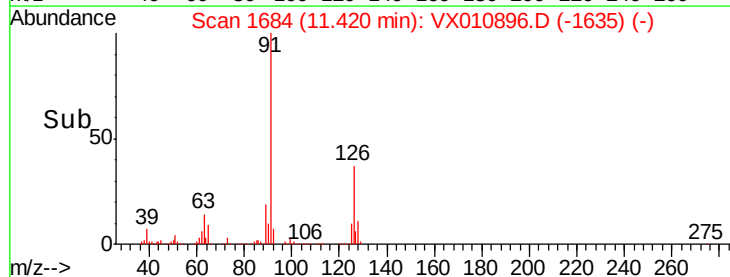
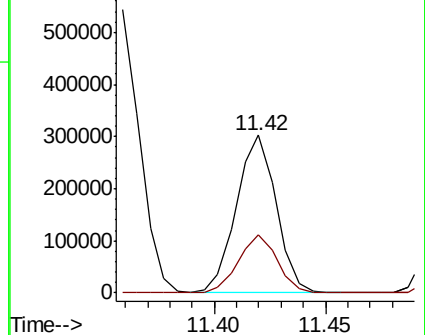
91 100

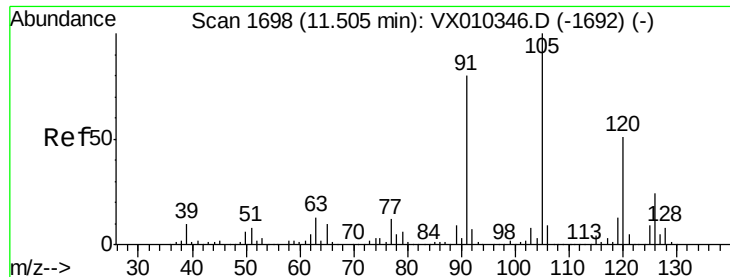
126 36.3 18.7 56.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

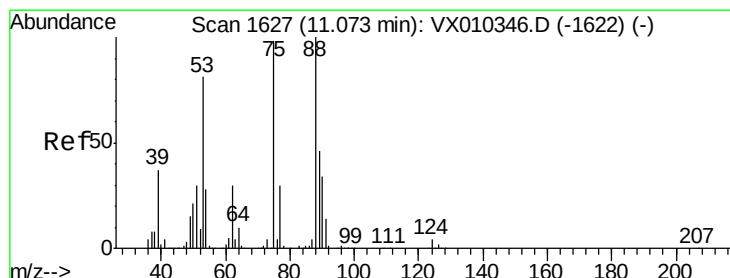
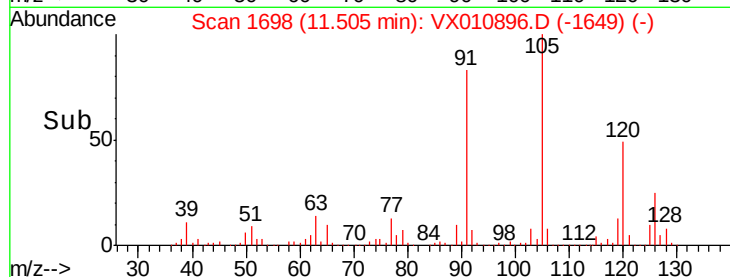
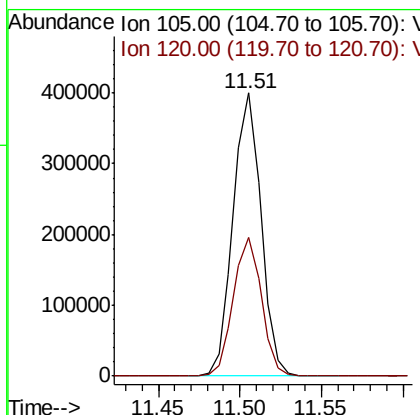
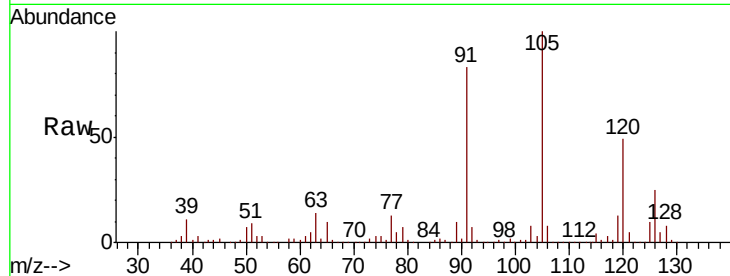




#80
 1,3,5-Trimethylbenzene
 Concen: 44.301 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX010896.D
 Acq: 15 Jul 2019 19:44

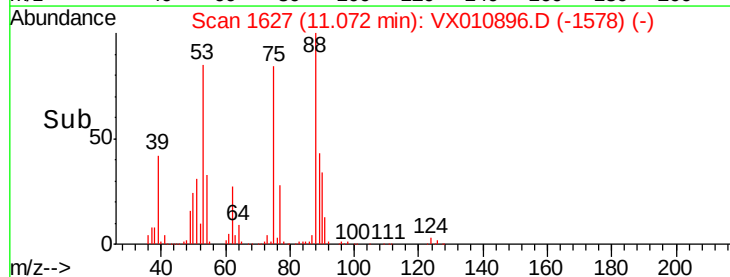
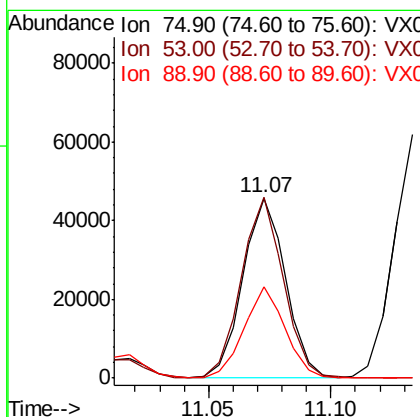
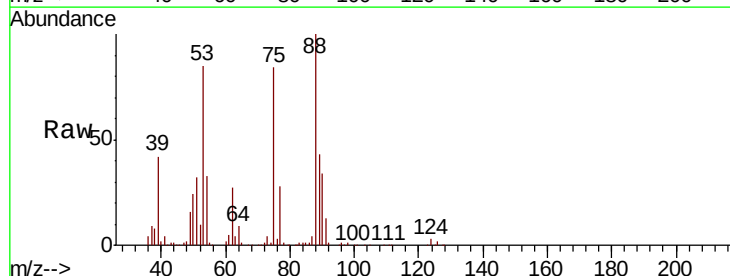
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0600MSD

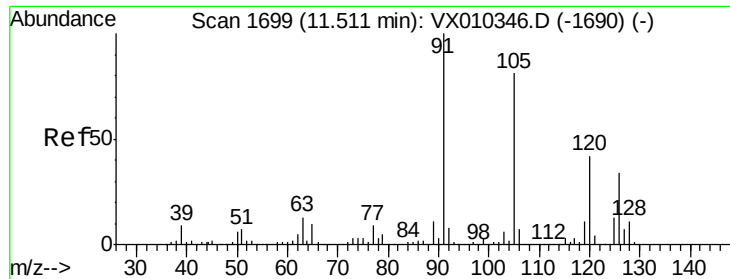
Tot Ion:105 Resp: 476722
 Ion Ratio Lower Upper
 105 100
 120 49.3 25.2 75.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 36.679 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: VX010896.D
 Acq: 15 Jul 2019 19:44

Tgt Ion: 75 Resp: 55170
 Ion Ratio Lower Upper
 75 100
 53 99.2 66.1 99.1#
 89 49.5 37.8 56.6

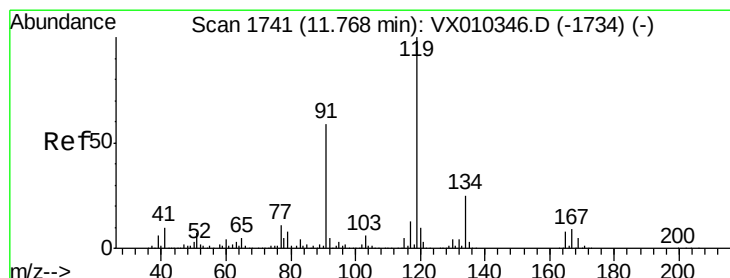
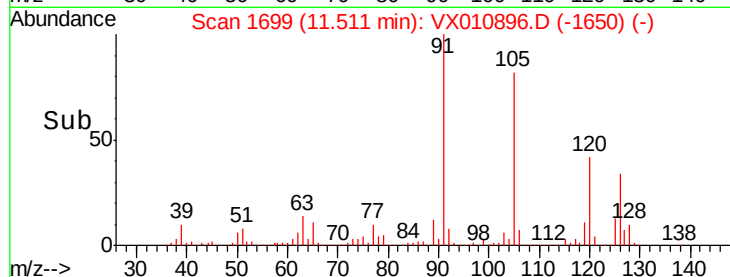
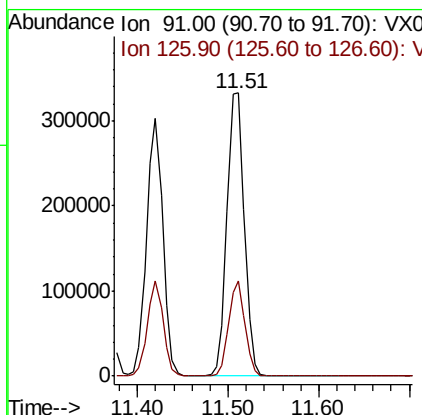
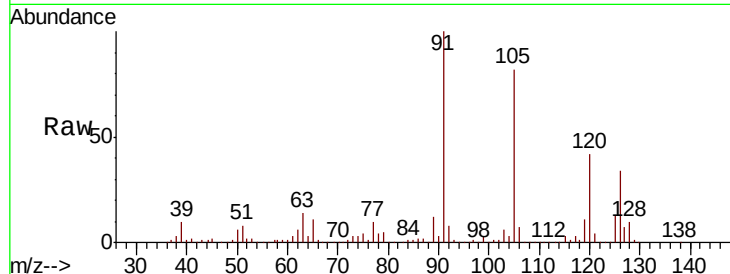




#82
4-Chlorotoluene
Concen: 45.572 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX010896.D
Acq: 15 Jul 2019 19:44

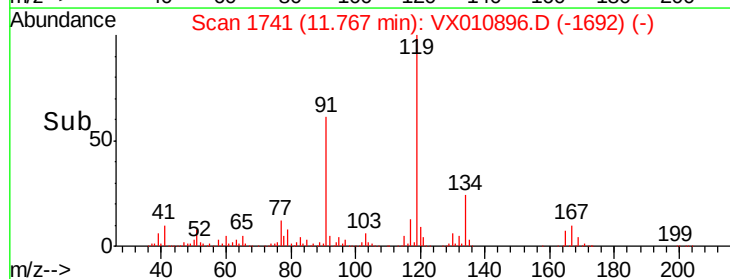
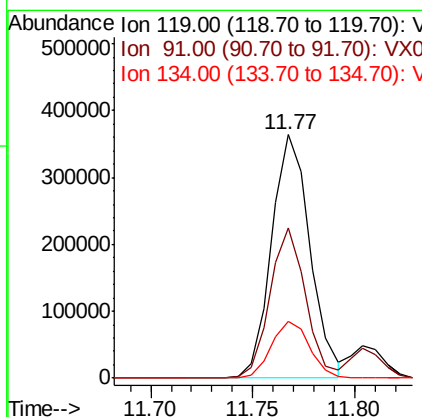
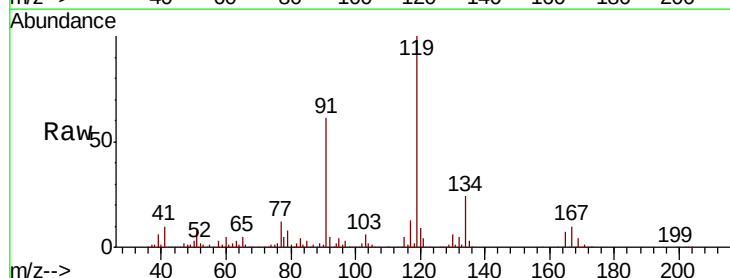
Instrument :
MSVOA_X
ClientSampleId :
FL-0600MSD

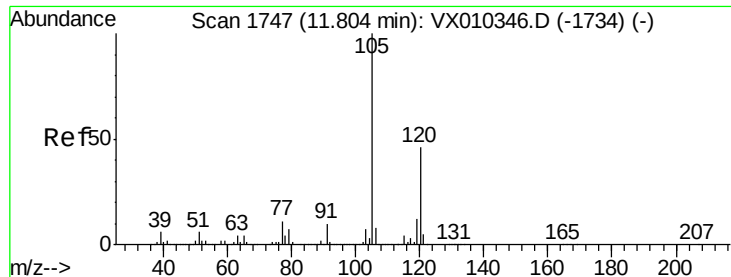
Tot Ion: 91 Resp: 442998
Ion Ratio Lower Upper
91 100
126 31.3 16.2 48.6



#83
tert-Butylbenzene
Concen: 44.258 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX010896.D
Acq: 15 Jul 2019 19:44

Tgt Ion: 119 Resp: 478014
Ion Ratio Lower Upper
119 100
91 57.5 27.6 82.7
134 23.3 11.8 35.4

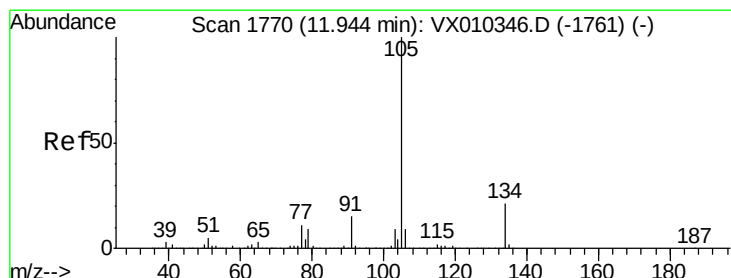
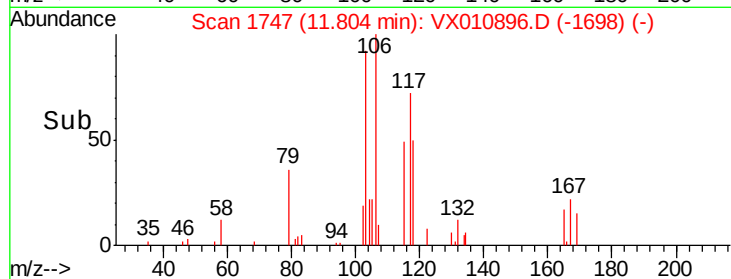
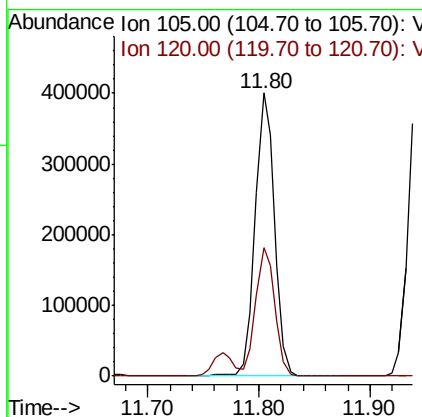
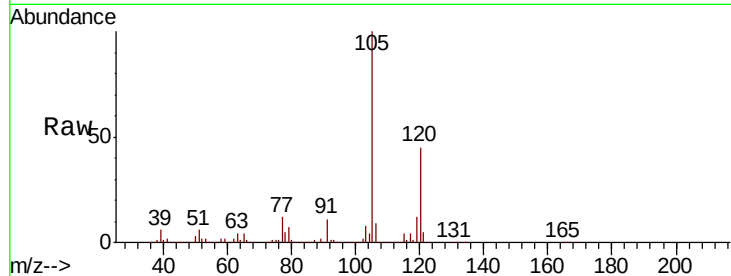




#84
 1,2,4-Trimethylbenzene
 Concen: 44.769 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX010896.D
 Acq: 15 Jul 2019 19:44

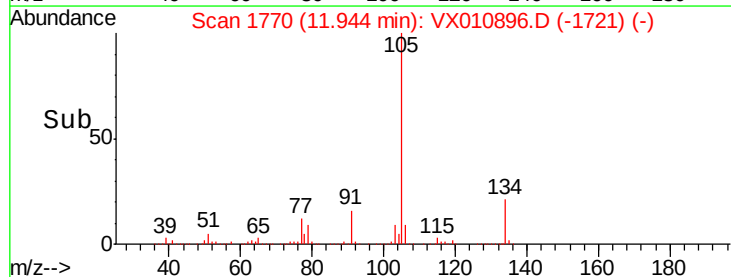
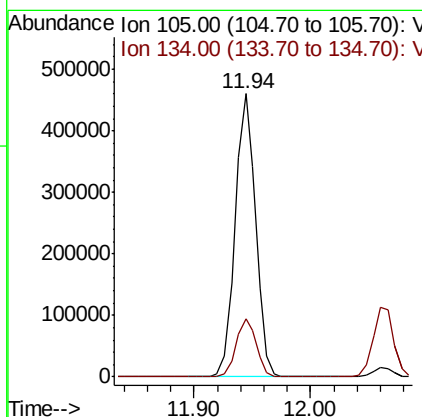
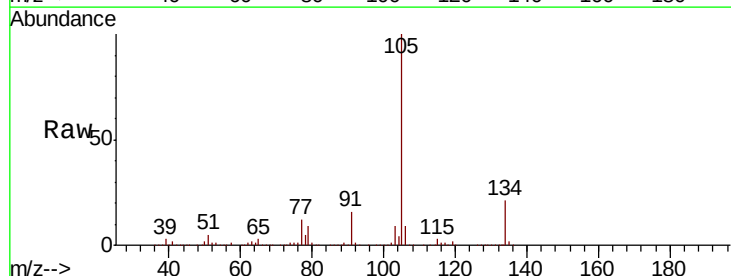
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0600MSD

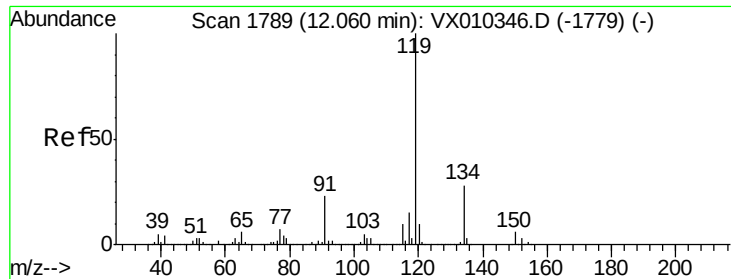
Tot Ion:105 Resp: 484016
 Ion Ratio Lower Upper
 105 100
 120 44.8 23.1 69.2



#85
 sec-Butylbenzene
 Concen: 44.275 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX010896.D
 Acq: 15 Jul 2019 19:44

Tgt Ion:105 Resp: 561469
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.7 31.9

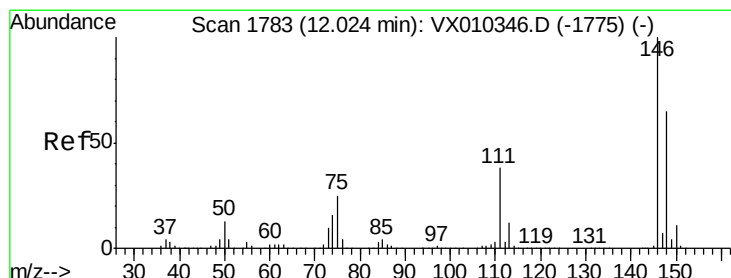
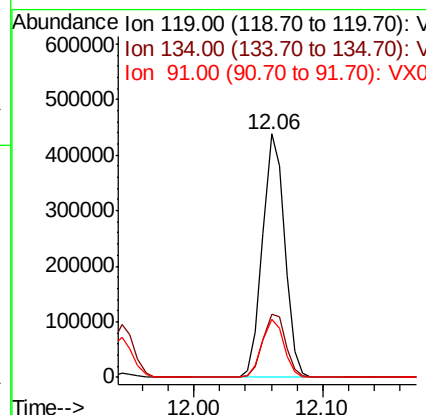
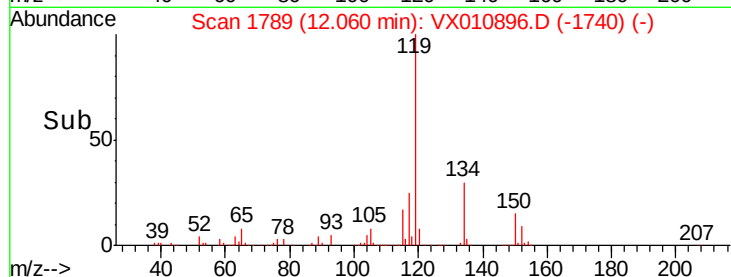
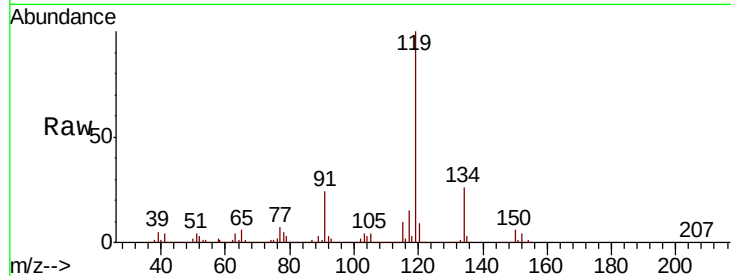




#86
 p-Isopropyltoluene
 Concen: 44.148 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX010896.D
 Acq: 15 Jul 2019 19:44

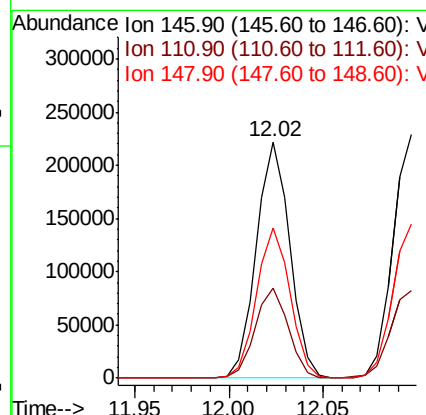
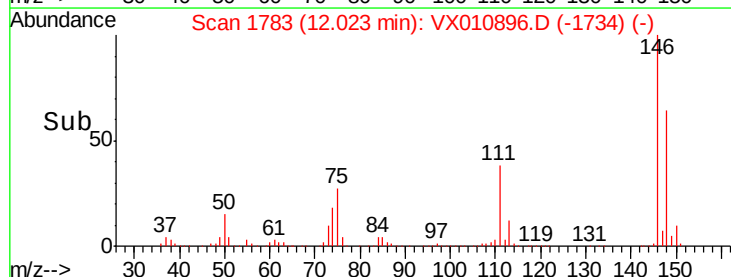
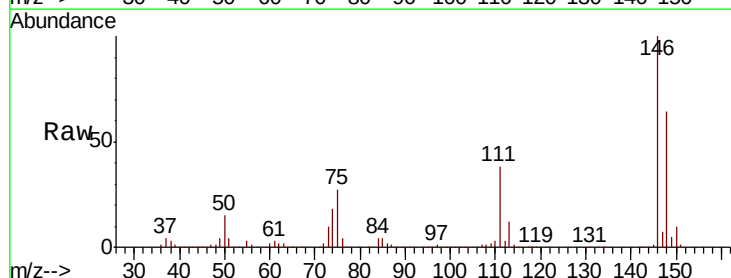
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0600MSD

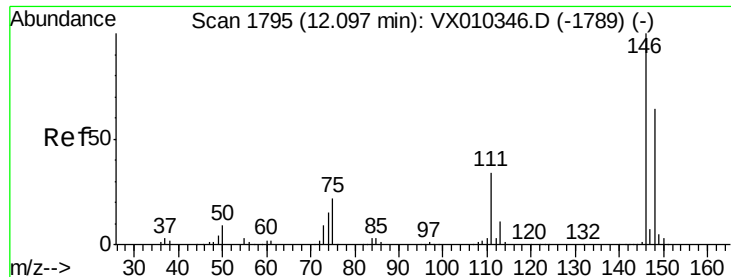
Tot Ion	Ratio	Lower	Upper
119	100		
134	26.9	13.7	41.1
91	23.6	11.3	33.8



#87
 1,3-Dichlorobenzene
 Concen: 43.044 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX010896.D
 Acq: 15 Jul 2019 19:44

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.9	19.1	57.1
148	63.4	32.5	97.4

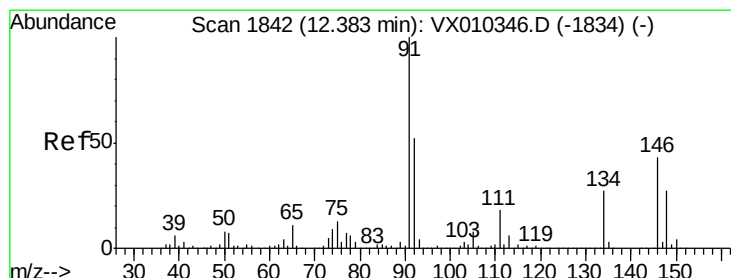
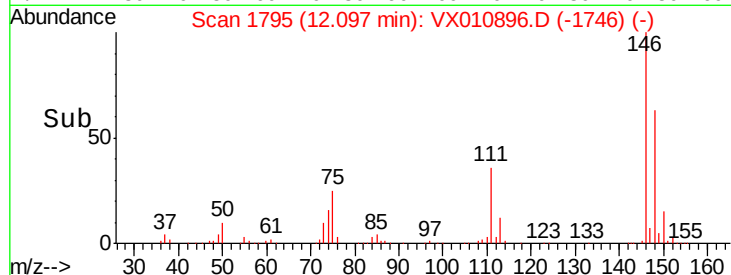
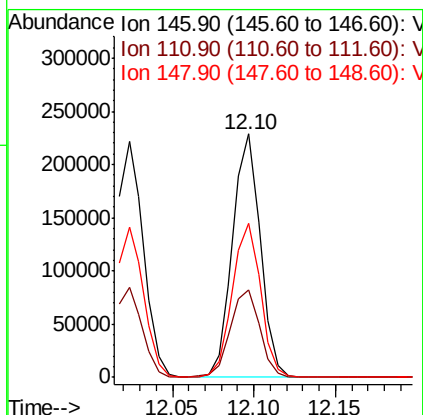
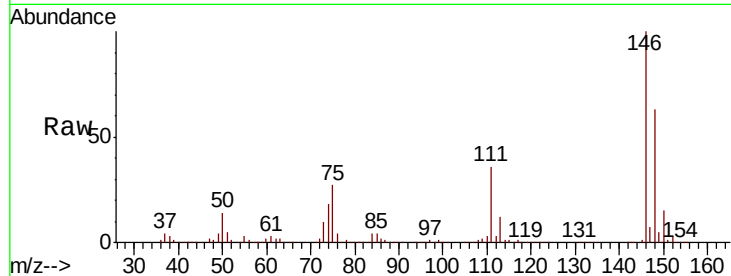




#88
 1,4-Dichlorobenzene
 Concen: 41.836 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX010896.D
 Acq: 15 Jul 2019 19:44

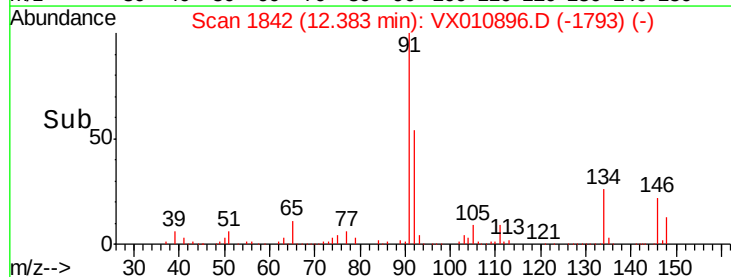
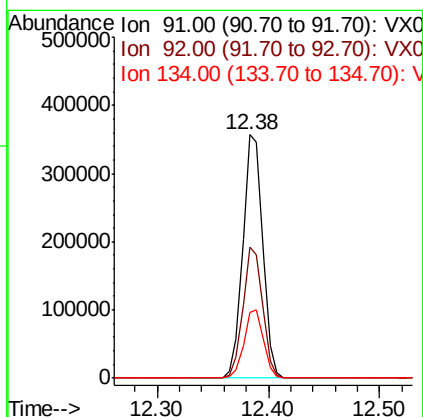
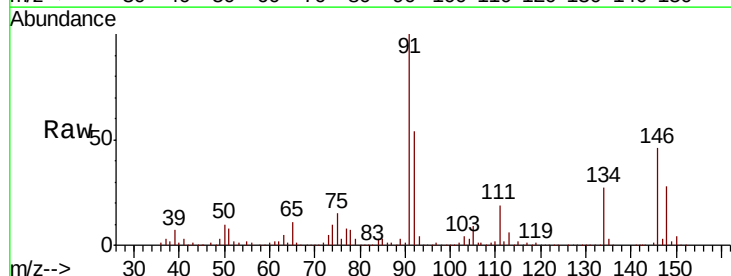
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0600MSD

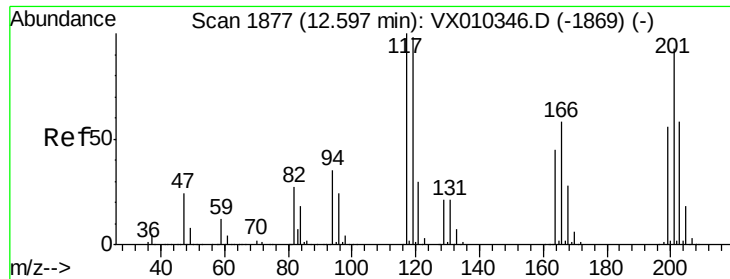
Tot Ion:146 Resp: 270982
 Ion Ratio Lower Upper
 146 100
 111 38.0 18.1 54.3
 148 64.3 32.1 96.3



#89
 n-Butylbenzene
 Concen: 44.140 ug/l
 RT: 12.38 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX010896.D
 Acq: 15 Jul 2019 19:44

Tgt Ion: 91 Resp: 439967
 Ion Ratio Lower Upper
 91 100
 92 53.1 26.2 78.5
 134 27.6 14.1 42.4

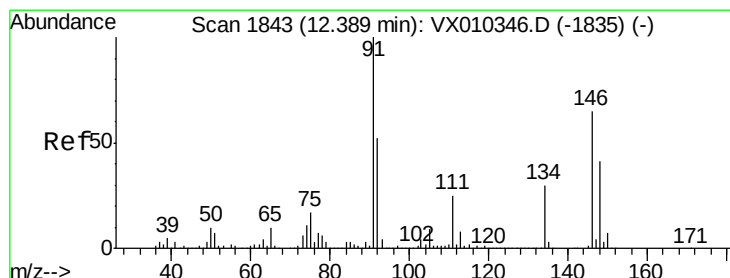
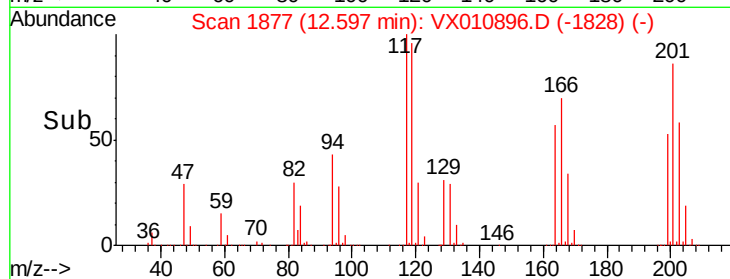
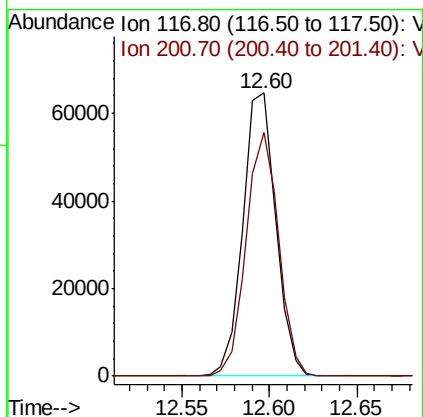
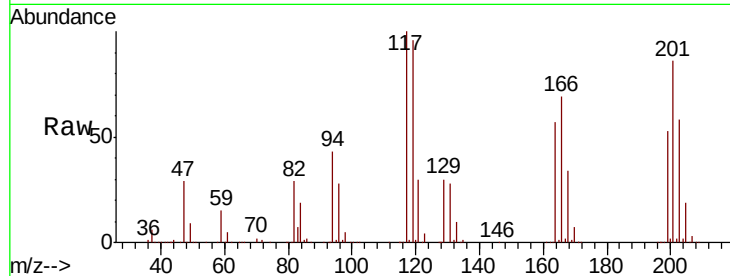




#90
Hexachloroethane
Concen: 41.813 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX010896.D
Acq: 15 Jul 2019 19:44

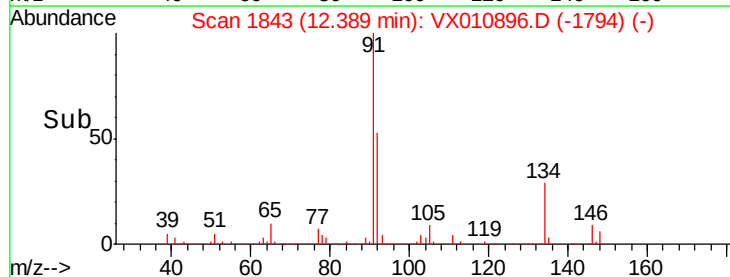
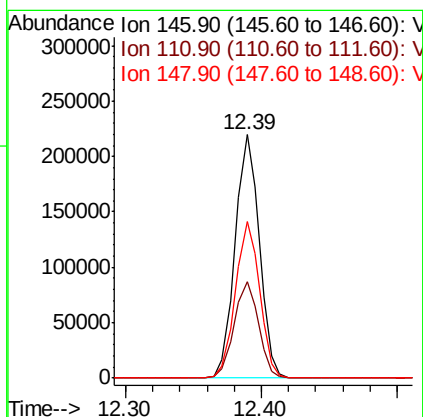
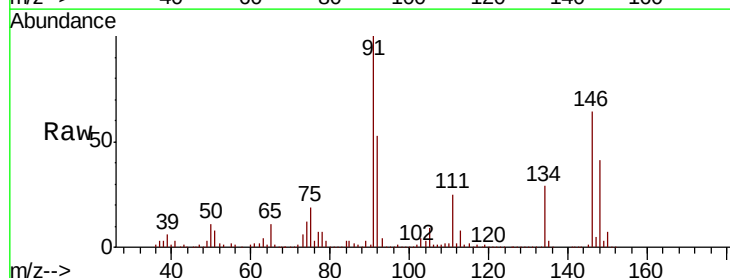
Instrument :
MSVOA_X
ClientSampleId :
FL-0600MSD

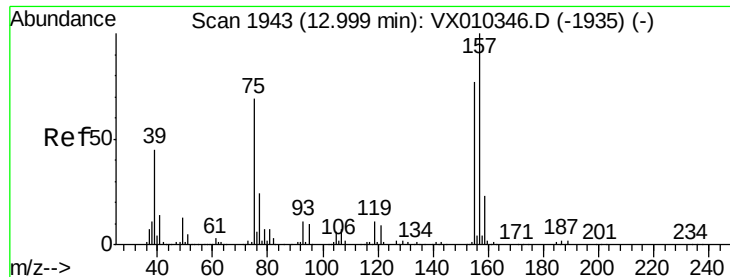
Tot Ion:117 Resp: 84807
Ion Ratio Lower Upper
117 100
201 84.7 44.0 131.8



#91
1,2-Dichlorobenzene
Concen: 42.907 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX010896.D
Acq: 15 Jul 2019 19:44

Tgt Ion:146 Resp: 271316
Ion Ratio Lower Upper
146 100
111 40.0 19.2 57.6
148 64.2 32.0 96.0





#92

1,2-Dibromo-3-Chloropropane

Concen: 43.477 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX010896.D

Acq: 15 Jul 2019 19:44

Instrument :

MSVOA_X

ClientSampled :

FL-0600MSD

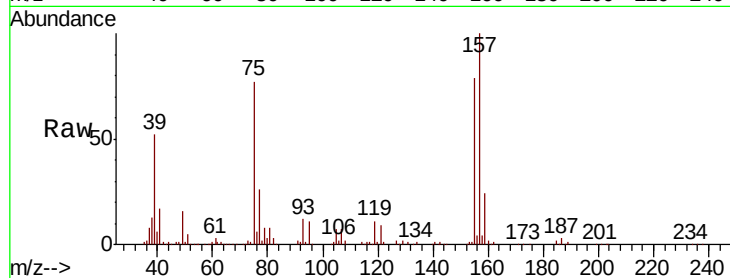
Tot Ion: 75 Resp: 40522

Ion Ratio Lower Upper

75 100

155 98.3 54.4 163.1

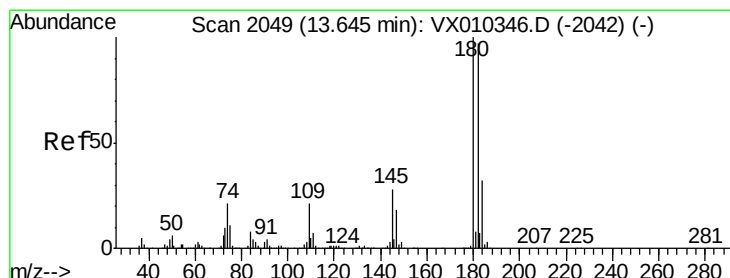
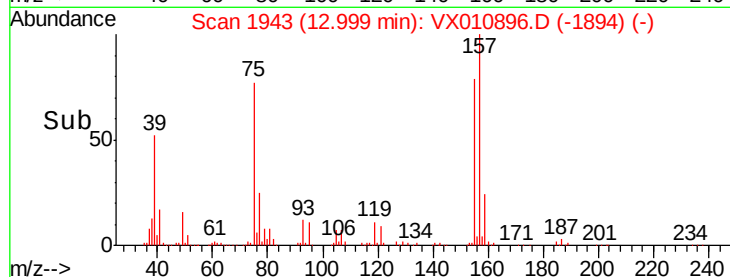
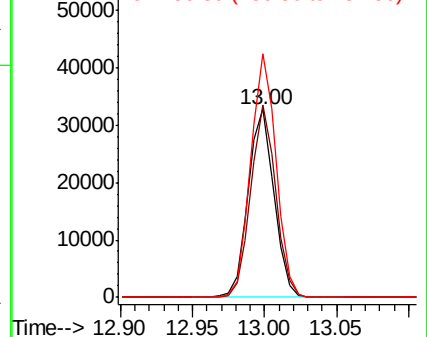
157 127.1 69.5 208.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 42.646 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX010896.D

Acq: 15 Jul 2019 19:44

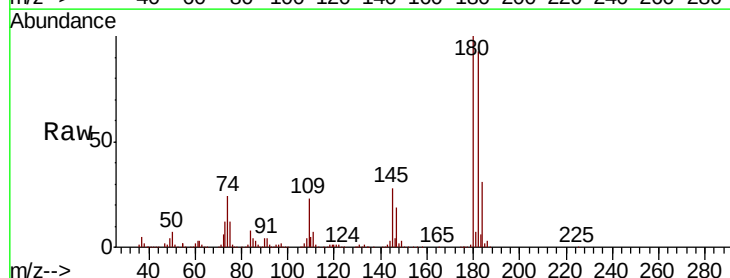
Tgt Ion:180 Resp: 187009

Ion Ratio Lower Upper

180 100

182 94.5 48.0 144.0

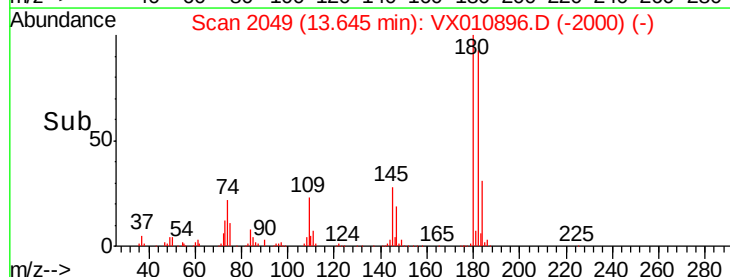
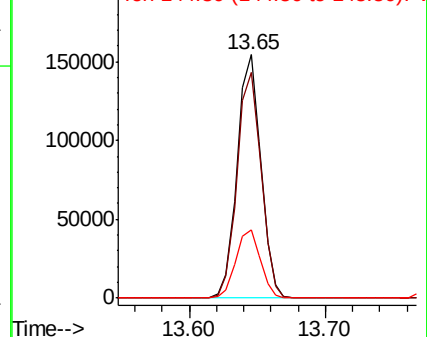
145 29.1 14.4 43.4

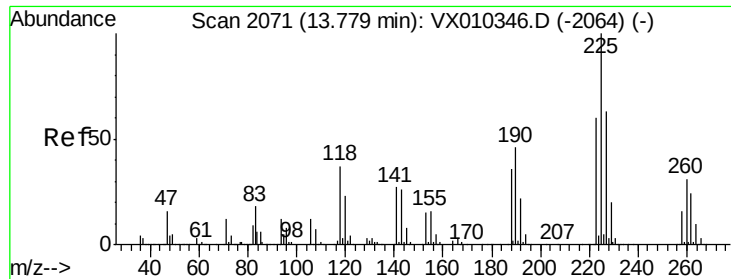


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

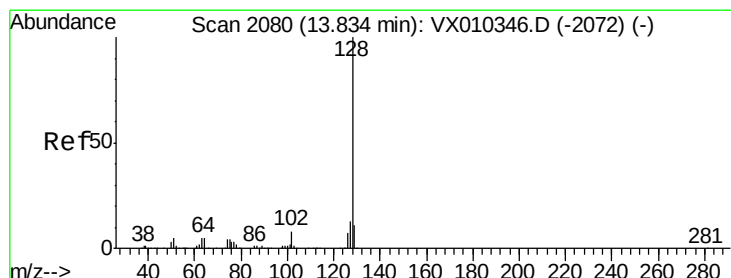
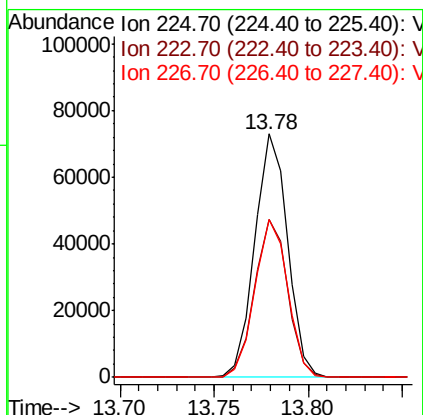
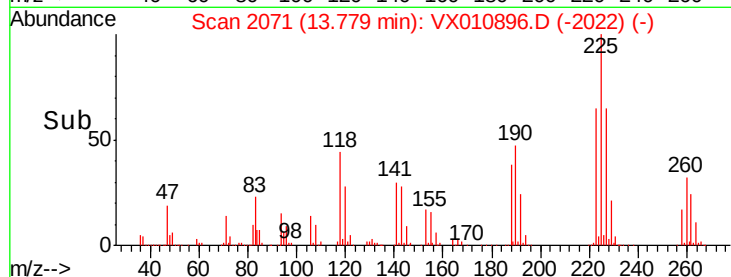
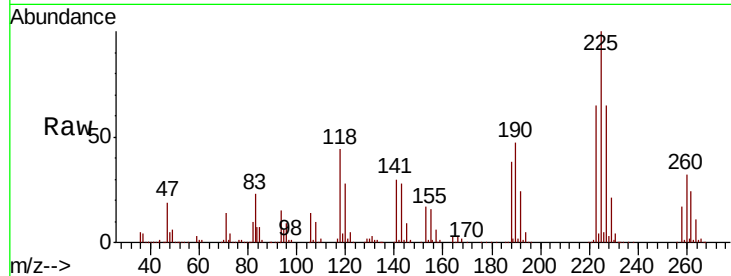




#94
Hexachlorobutadiene
Concen: 41.119 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. -0.00 min
Lab File: VX010896.D
Acq: 15 Jul 2019 19:44

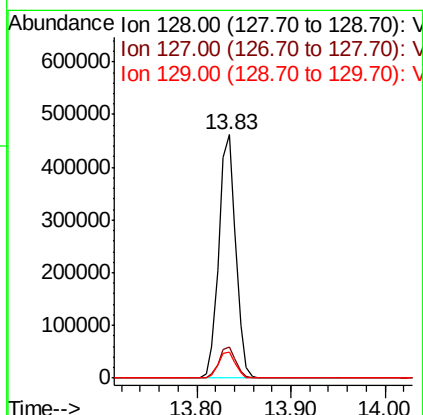
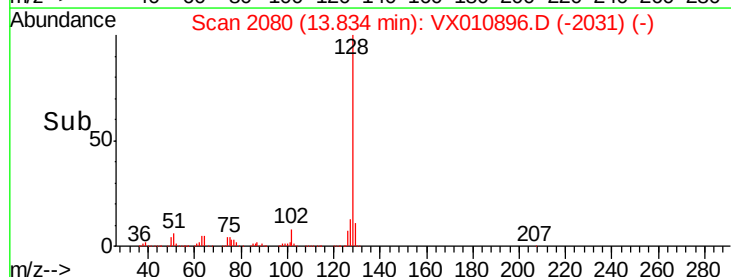
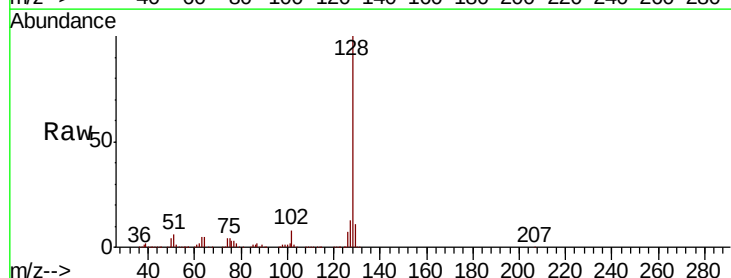
Instrument :
MSVOA_X
ClientSampleId :
FL-0600MSD

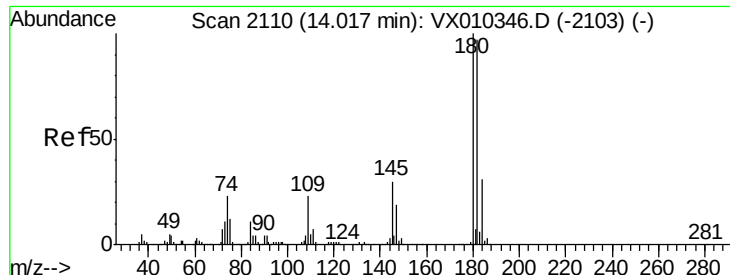
Tot Ion	Ratio	Lower	Upper
225	100		
223	65.5	30.9	92.7
227	64.9	31.9	95.5



#95
Naphthalene
Concen: 42.555 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX010896.D
Acq: 15 Jul 2019 19:44

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	10.8	8.9	13.3

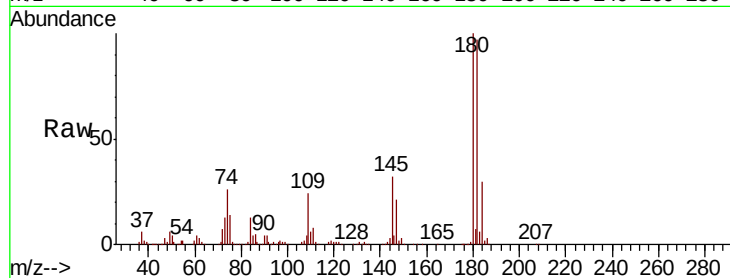




#96
 1,2,3-Trichlorobenzene
 Concen: 43.217 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. -0.00 min
 Lab File: VX010896.D
 Acq: 15 Jul 2019 19:44

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0600MSD

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.8	143.3
145	30.8	15.2	45.6



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

