

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071619\
 Data File : VX010919.D
 Acq On : 16 Jul 2019 20:12
 Operator : JC/SP
 Sample : K3791-14MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0604MS

Quant Time: Jul 17 05:05:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 17 04:37:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	225339	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	344052	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	317761	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	178222	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	115345	48.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.24%	
35) Dibromofluoromethane	5.49	113	103650	47.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.92%	
50) Toluene-d8	8.71	98	387589	47.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.64%	
62) 4-Bromofluorobenzene	11.13	95	148828	49.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	121297	50.476	ug/l	100
3) Chloromethane	1.32	50	109305	52.748	ug/l	98
4) Vinyl Chloride	1.41	62	114423	54.135	ug/l	97
5) Bromomethane	1.64	94	57383	48.177	ug/l	100
6) Chloroethane	1.72	64	69647	51.851	ug/l	98
7) Trichlorofluoromethane	1.93	101	188475	52.678	ug/l	100
8) Diethyl Ether	2.19	74	63269	51.324	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	100359	49.126	ug/l	99
10) Methyl Iodide	2.51	142	141559	52.804	ug/l	99
11) Tert butyl alcohol	3.04	59	122708	219.788	ug/l #	73
12) 1,1-Dichloroethene	2.37	96	105163	52.394	ug/l	98
13) Acrolein	2.29	56	74713	231.621	ug/l	99
14) Allyl chloride	2.73	41	153029	52.489	ug/l	100
15) Acrylonitrile	3.14	53	321830	285.272	ug/l	94
16) Acetone	2.45	43	245168	226.437	ug/l	98
17) Carbon Disulfide	2.57	76	272720	52.969	ug/l	100
18) Methyl Acetate	2.78	43	111557	45.249	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	338883	52.447	ug/l #	1
20) Methylene Chloride	2.85	84	116121	50.608	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	109883	51.596	ug/l	95
22) Diisopropyl ether	3.85	45	318002	51.717	ug/l	96
23) Vinyl Acetate	3.81	43	1237444	237.516	ug/l	100
24) 1,1-Dichloroethane	3.70	63	185404	51.919	ug/l	99
25) 2-Butanone	4.67	43	399832	257.254	ug/l	98
26) 2,2-Dichloropropane	4.59	77	125868	42.928	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	129296	52.458	ug/l	96
28) Bromochloromethane	5.01	49	80991	48.130	ug/l	99
29) Tetrahydrofuran	5.13	42	255726	259.749	ug/l	99
30) Chloroform	5.21	83	200380	51.914	ug/l	94
31) Cyclohexane	5.58	56	682601	209.713	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	175821	52.651	ug/l	99
36) 1,1-Dichloropropene	5.80	75	146159	51.718	ug/l	100
37) Ethyl Acetate	4.83	43	137684	47.579	ug/l	99
38) Carbon Tetrachloride	5.79	117	155506	52.805	ug/l	97

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 Quant Title : SW846 8260
 QLast Update : Wed Jul 17 04:37:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	827236	225.720	ug/l	99
40) Benzene	6.14	78	442488	51.114	ug/l	99
41) Methacrylonitrile	5.04	41	84739	51.583	ug/l	97
42) 1,2-Dichloroethane	6.19	62	155506	51.664	ug/l	100
43) Isopropyl Acetate	6.45	43	241516	50.757	ug/l	98
44) Trichloroethene	7.21	130	130426	50.899	ug/l	96
45) 1,2-Dichloropropane	7.51	63	119690	54.322	ug/l	100
46) Dibromomethane	7.66	93	82180	52.197	ug/l	100
47) Bromodichloromethane	7.90	83	150145	53.573	ug/l	100
48) Methyl methacrylate	7.77	41	151559	65.383	ug/l	89
49) 1,4-Dioxane	7.74	88	58195	897.514	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	823820	267.082	ug/l	99
52) Toluene	8.78	92	289395	50.888	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	158803	52.697	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	174236	51.960	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	117351	50.116	ug/l	96
56) Ethyl methacrylate	9.18	69	193400	56.465	ug/l	96
57) 1,3-Dichloropropane	9.37	76	192501	51.823	ug/l	100
59) 2-Hexanone	9.49	43	639045	267.114	ug/l	99
60) Dibromochloromethane	9.58	129	130323	48.443	ug/l	100
61) 1,2-Dibromoethane	9.67	107	131932	53.091	ug/l	100
64) Tetrachloroethene	9.34	164	114043	45.621	ug/l	95
65) Chlorobenzene	10.13	112	327639	50.201	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	121297	52.881	ug/l	99
67) Ethyl Benzene	10.25	91	1149097	103.439	ug/l	100
68) m/p-Xylenes	10.36	106	659284	154.714	ug/l	100
69) o-Xylene	10.69	106	222702	53.549	ug/l	99
70) Styrene	10.71	104	372279	53.698	ug/l	99
71) Bromoform	10.85	173	99690	47.848	ug/l #	99
73) Isopropylbenzene	11.02	105	851985	70.749	ug/l	100
74) N-amyl acetate	10.90	43	213202	46.335	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	196123	49.765	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	209437	65.121	ug/l	83
77) Bromobenzene	11.26	156	157079	47.288	ug/l	97
78) n-propylbenzene	11.36	91	1273578	95.715	ug/l	99
79) 2-Chlorotoluene	11.42	91	421595	52.745	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	1063569	105.695	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	52304	41.904	ug/l	94
82) 4-Chlorotoluene	11.51	91	525411	56.476	ug/l	93
83) tert-Butylbenzene	11.77	119	518604	52.469	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	2301542	226.928	ug/l	100
85) sec-Butylbenzene	11.94	105	659658	56.958	ug/l	98
86) p-Isopropyltoluene	12.06	119	628278	58.679	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	286388	49.681	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	288317	48.767	ug/l	98
89) n-Butylbenzene	12.38	91	582041	63.540	ug/l	88
90) Hexachloroethane	12.59	117	122529	72.554	ug/l	72
91) 1,2-Dichlorobenzene	12.39	146	286504	50.148	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	46868	56.894	ug/l	91
93) 1,2,4-Trichlorobenzene	13.65	180	199819	51.608	ug/l	97

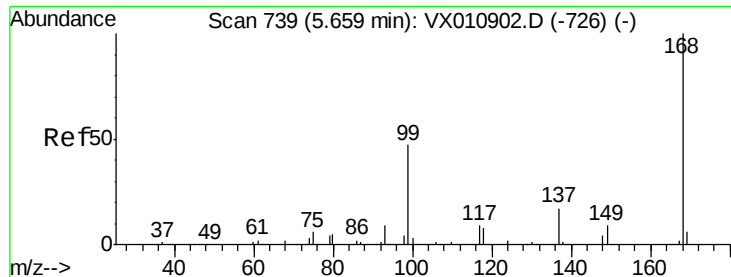
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	95767	49.913	ug/l	98
95) Naphthalene	13.83	128	792241	69.292	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	197373	51.233	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX010919.D

Acq: 16 Jul 2019 20:12

Instrument :

MSVOA_X

ClientSampleID :

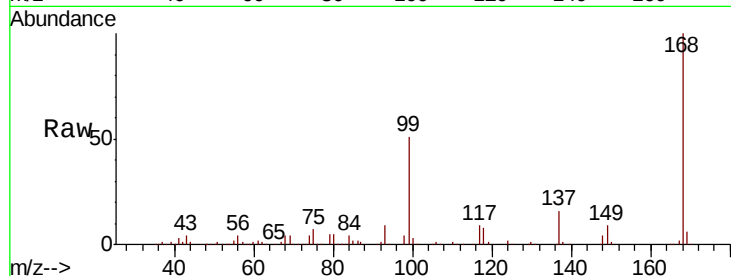
FL-0604MS

Tot Ion:168 Resp: 225339

Ion Ratio Lower Upper

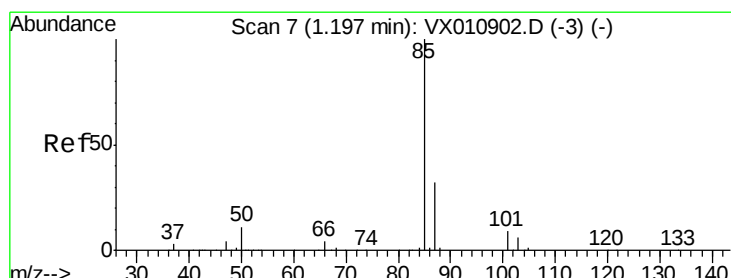
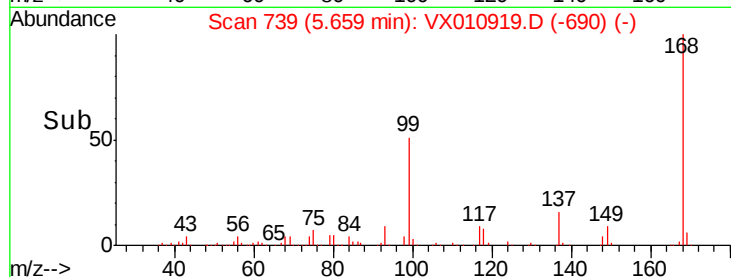
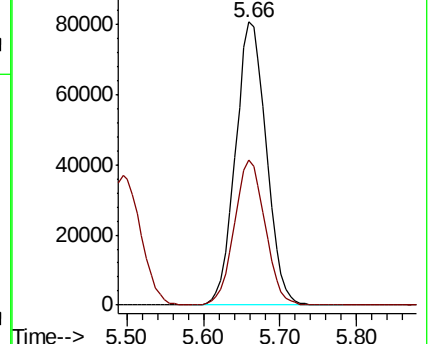
168 100

99 51.1 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 50.476 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010919.D

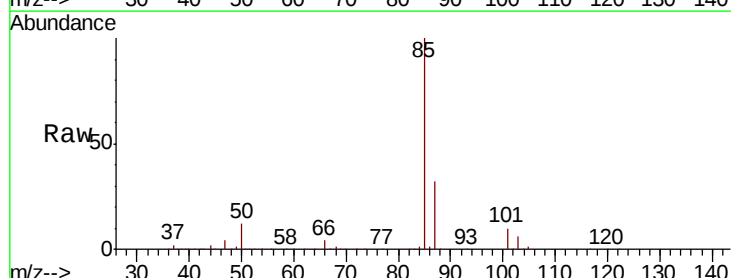
Acq: 16 Jul 2019 20:12

Tgt Ion: 85 Resp: 121297

Ion Ratio Lower Upper

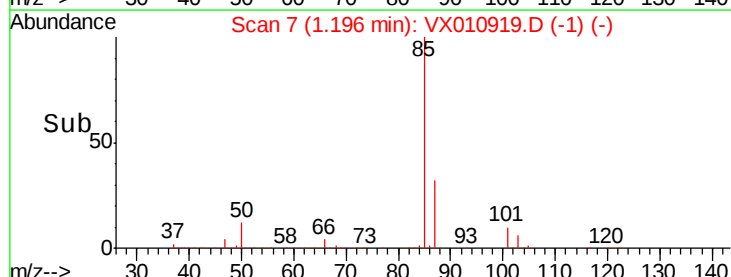
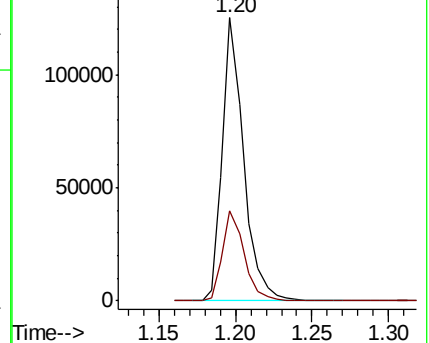
85 100

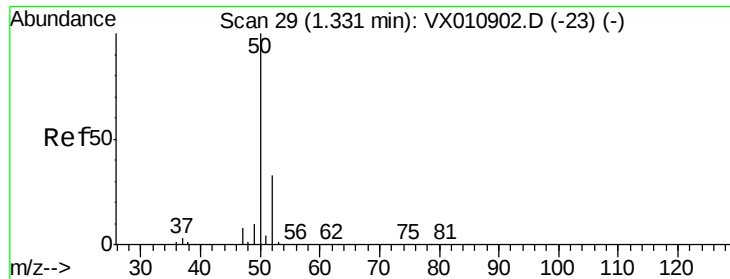
87 31.9 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 52.748 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX010919.D

Acq: 16 Jul 2019 20:12

Instrument :

MSVOA_X

ClientSampled :

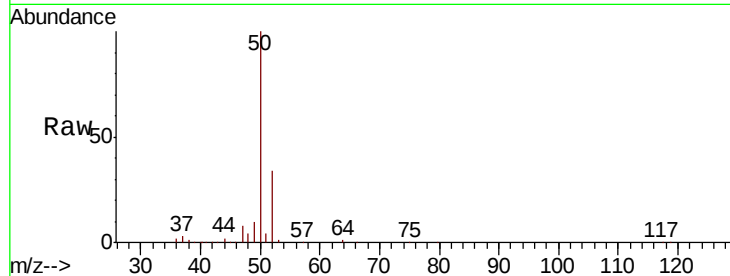
FL-0604MS

Tot Ion: 50 Resp: 109305

Ion Ratio Lower Upper

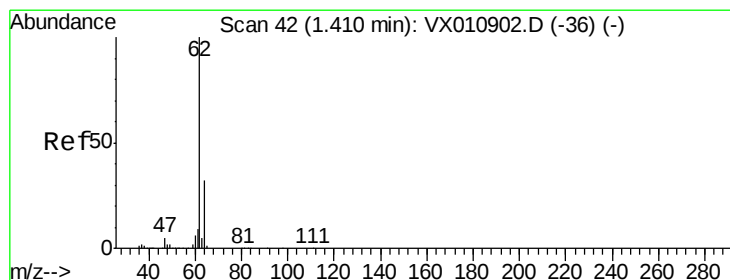
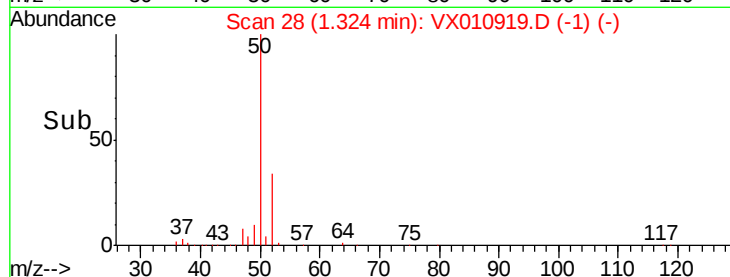
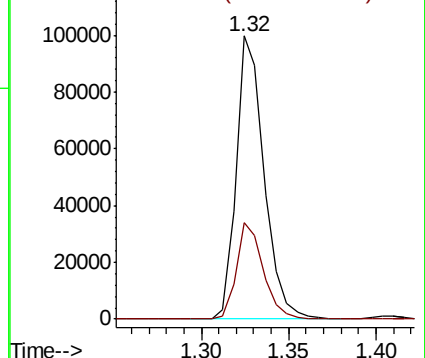
50 100

52 34.2 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 54.135 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010919.D

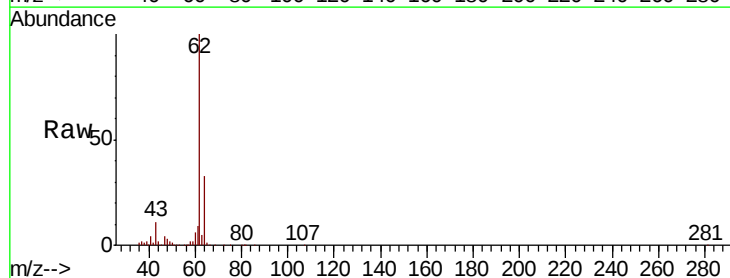
Acq: 16 Jul 2019 20:12

Tgt Ion: 62 Resp: 114423

Ion Ratio Lower Upper

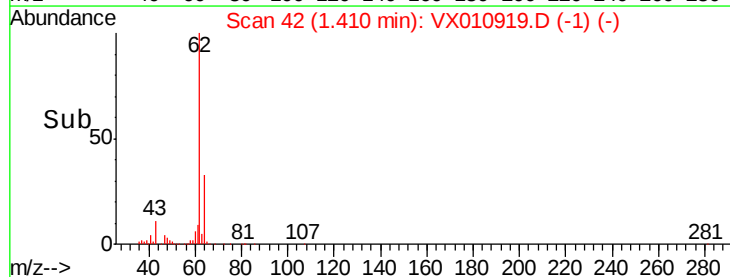
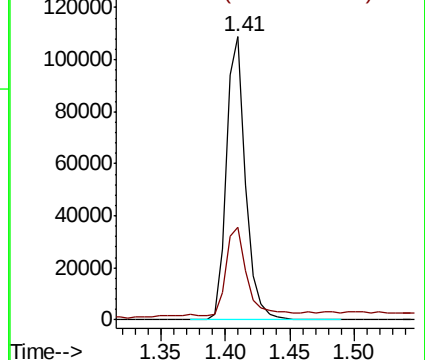
62 100

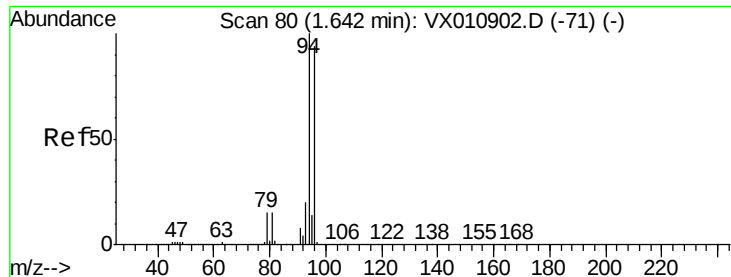
64 30.7 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 48.177 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX010919.D

Acq: 16 Jul 2019 20:12

Instrument :

MSVOA_X

ClientSampleId :

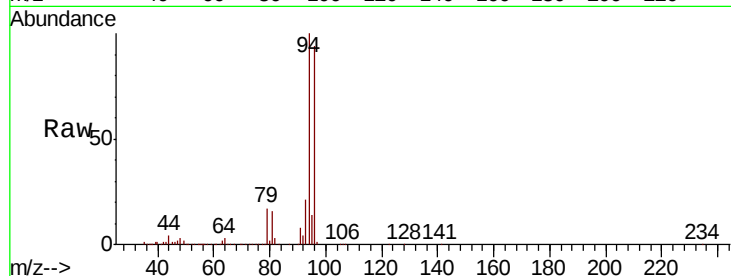
FL-0604MS

Tot Ion: 94 Resp: 57383

Ion Ratio Lower Upper

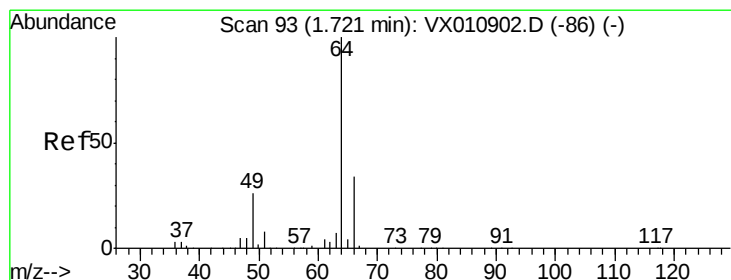
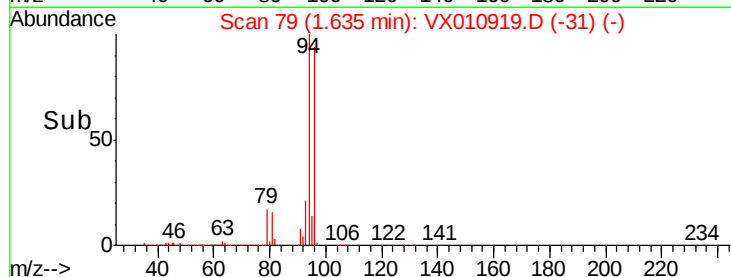
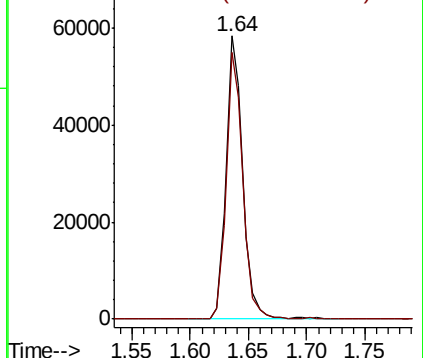
94 100

96 94.2 75.6 113.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 51.851 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX010919.D

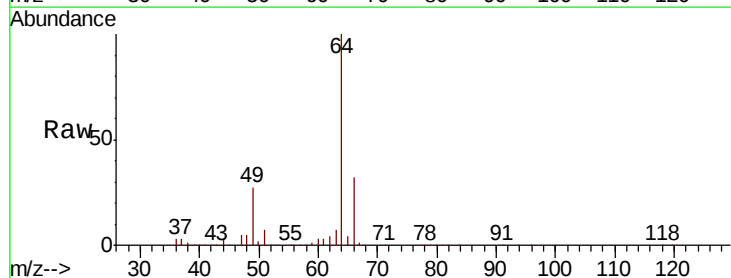
Acq: 16 Jul 2019 20:12

Tgt Ion: 64 Resp: 69647

Ion Ratio Lower Upper

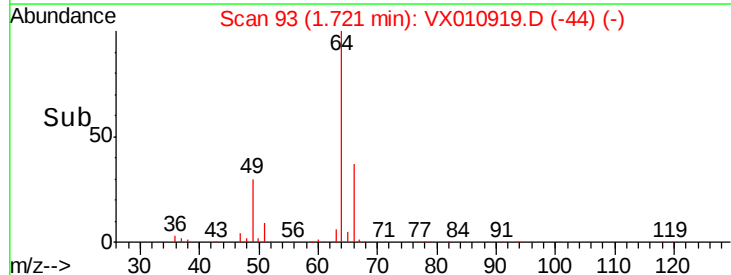
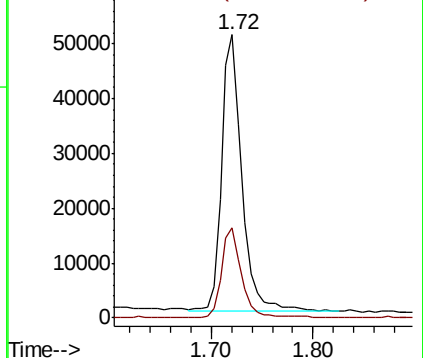
64 100

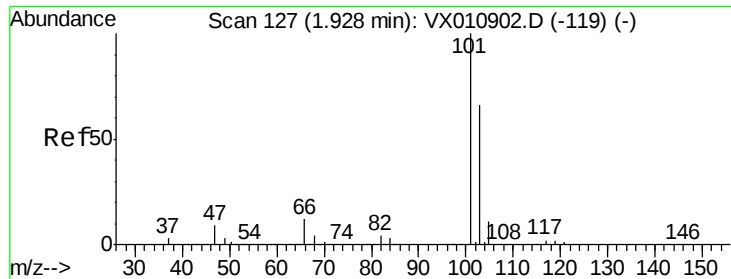
66 32.4 27.0 40.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



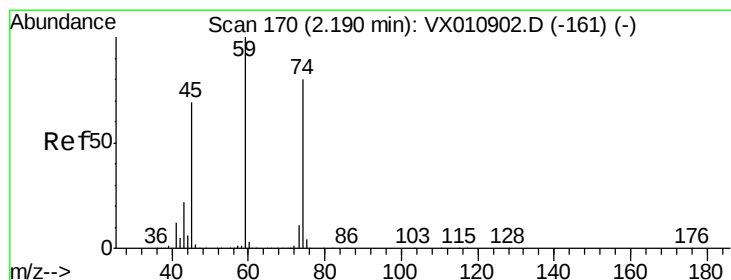
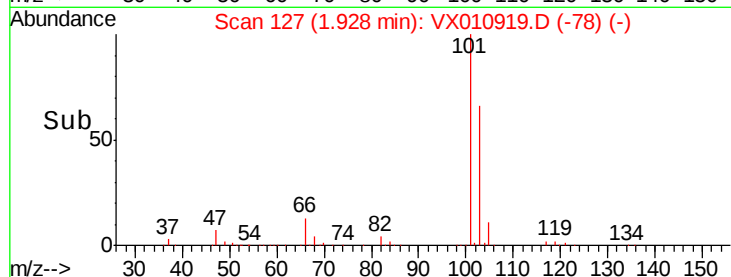
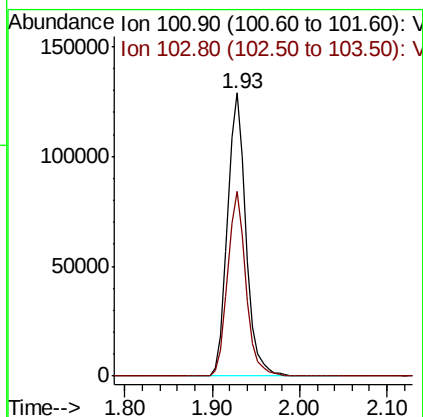
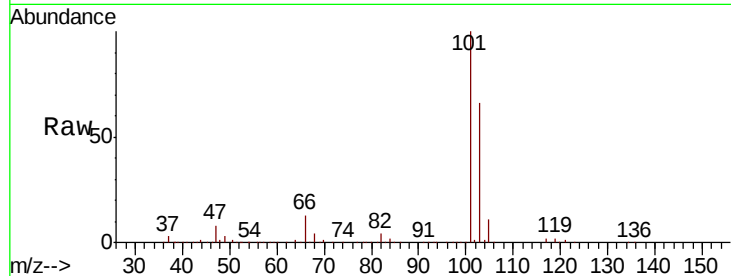


#7

Trichlorofluoromethane
 Concen: 52.678 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. -0.00 min
 Lab File: VX010919.D
 Acq: 16 Jul 2019 20:12

Instrument :
 MSVOA_X
 ClientSampled :
 FL-0604MS

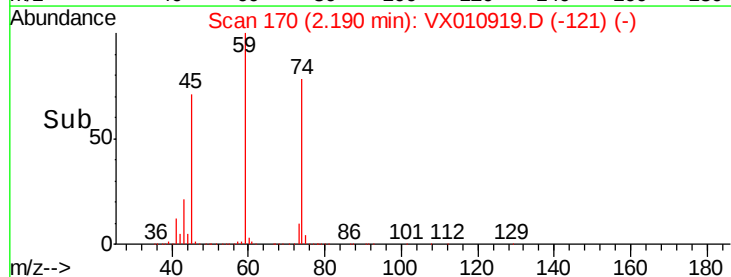
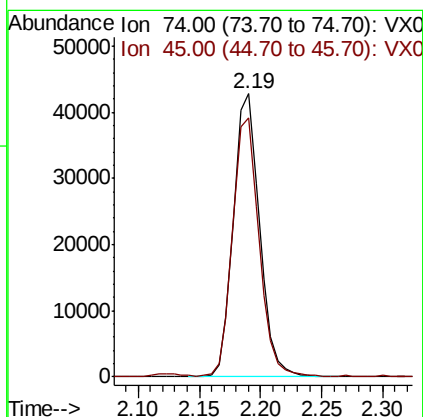
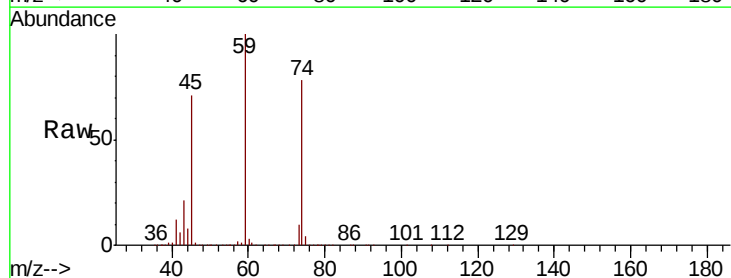
Tot Ion:101 Resp: 188475
 Ion Ratio Lower Upper
 101 100
 103 65.5 52.6 78.8



#8

Diethyl Ether
 Concen: 51.324 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX010919.D
 Acq: 16 Jul 2019 20:12

Tgt Ion: 74 Resp: 63269
 Ion Ratio Lower Upper
 74 100
 45 91.8 45.5 136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.126 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX010919.D

Acq: 16 Jul 2019 20:12

Instrument :

MSVOA_X

ClientSampleId :

FL-0604MS

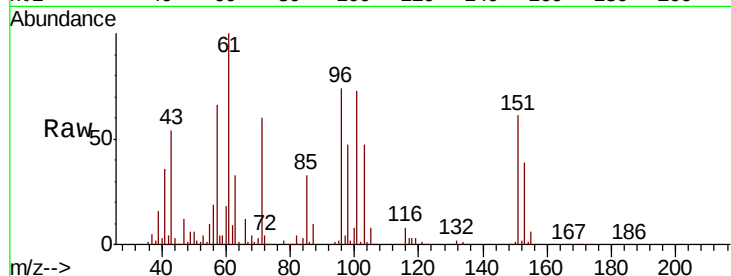
Tot Ion:101 Resp: 100359

Ion Ratio Lower Upper

101 100

85 43.6 34.6 52.0

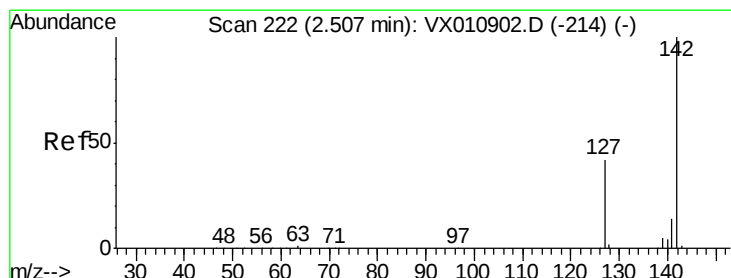
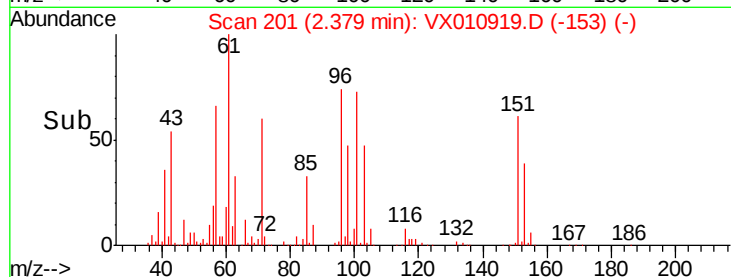
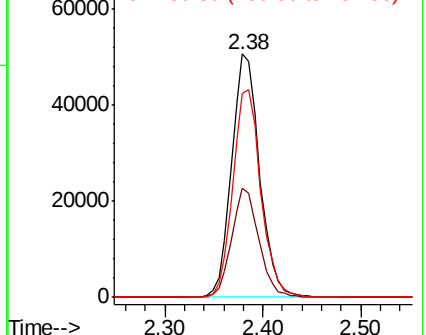
151 85.5 69.6 104.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 52.804 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX010919.D

Acq: 16 Jul 2019 20:12

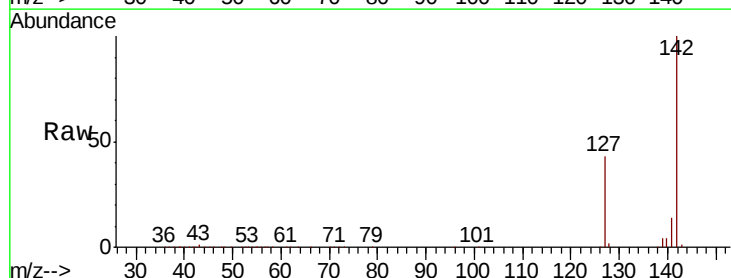
Tgt Ion:142 Resp: 141559

Ion Ratio Lower Upper

142 100

127 42.5 34.2 51.4

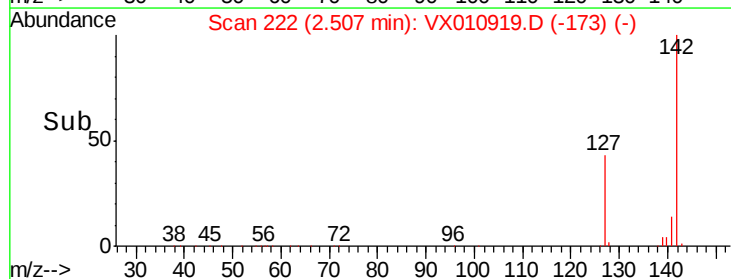
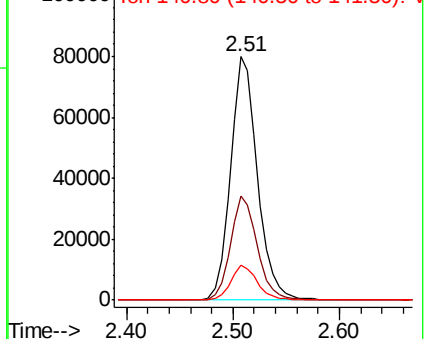
141 14.2 11.7 17.5

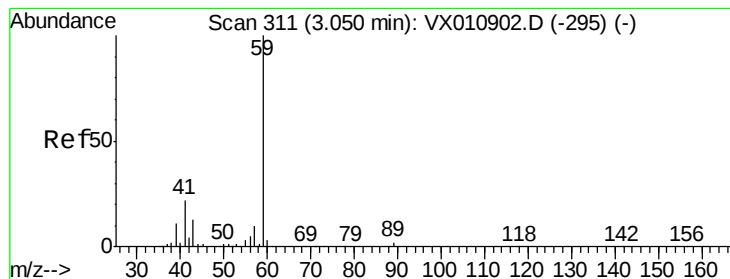


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



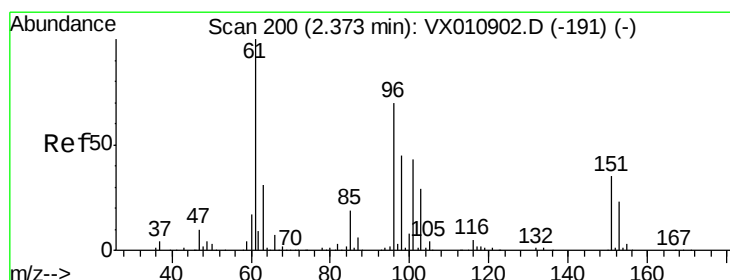
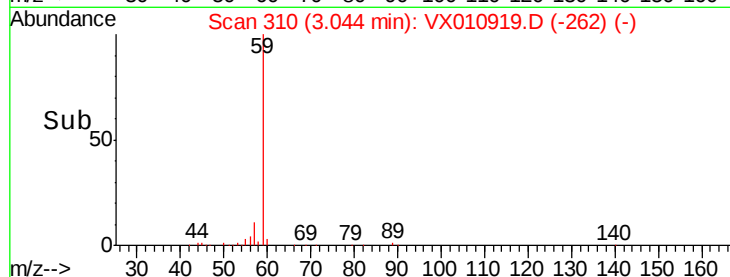
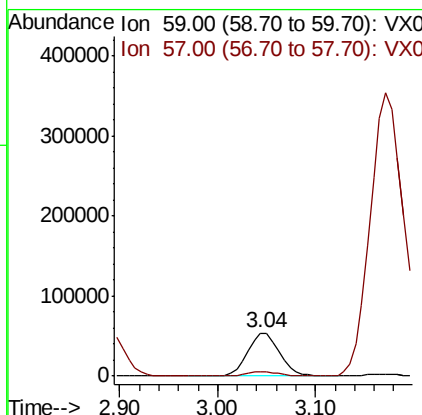
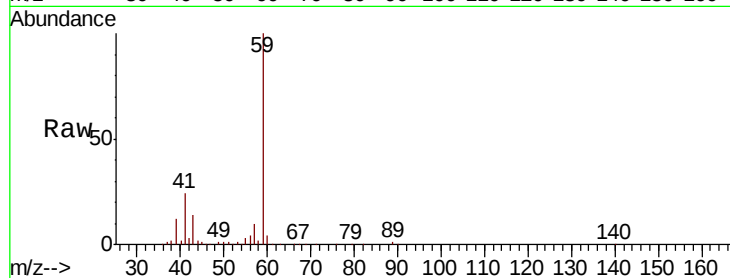


#11

Tert butyl alcohol
 Concen: 219.788 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. -0.01 min
 Lab File: VX010919.D
 Acq: 16 Jul 2019 20:12

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0604MS

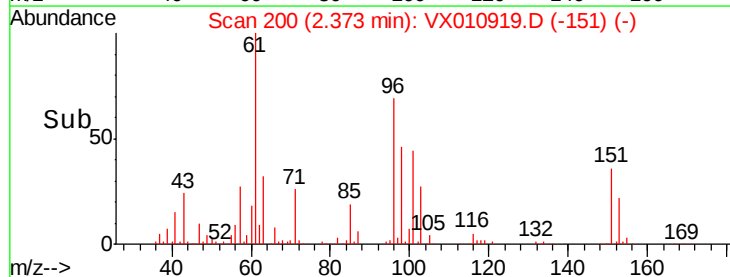
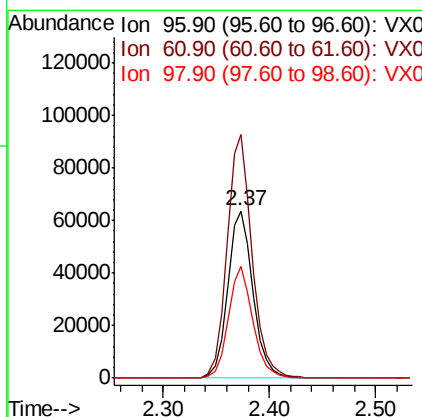
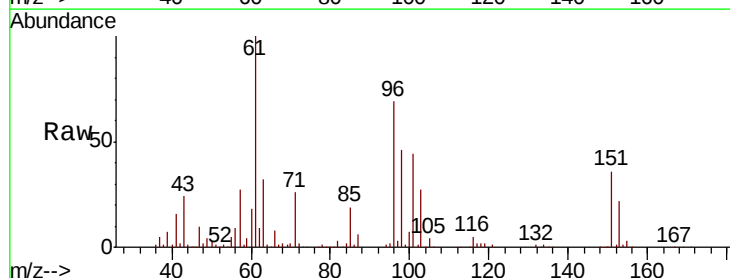
Tot Ion: 59 Resp: 122708
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.9 11.9#

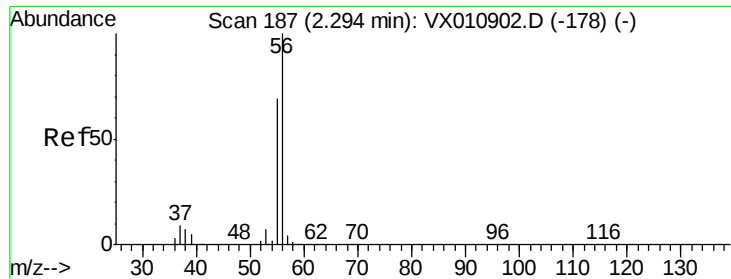


#12

1,1-Dichloroethene
 Concen: 52.394 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX010919.D
 Acq: 16 Jul 2019 20:12

Tgt Ion: 96 Resp: 105163
 Ion Ratio Lower Upper
 96 100
 61 145.5 115.0 172.4
 98 66.8 52.2 78.2





#13

Acrolein

Concen: 231.621 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX010919.D

Acq: 16 Jul 2019 20:12

Instrument :

MSVOA_X

ClientSampled :

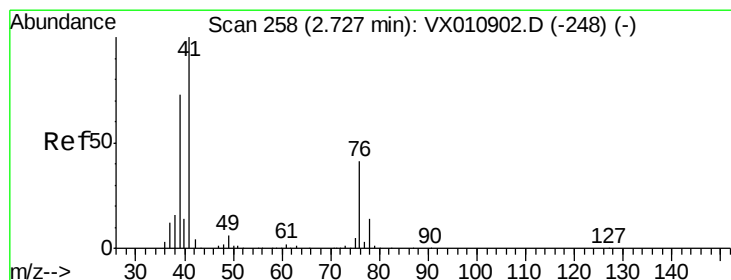
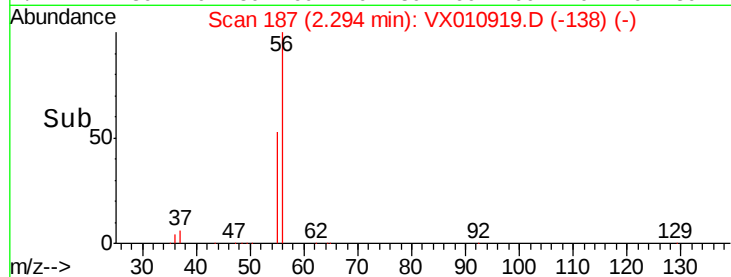
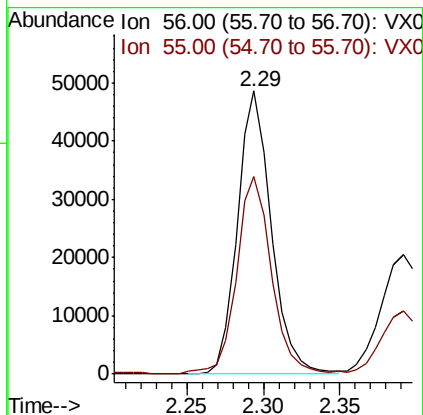
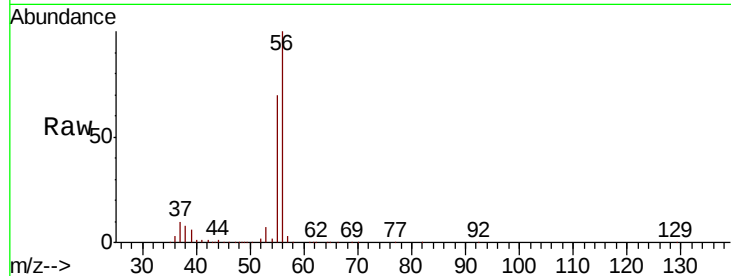
FL-0604MS

Tot Ion: 56 Resp: 74713

Ion Ratio Lower Upper

56 100

55 71.0 55.9 83.9



#14

Allyl chloride

Concen: 52.489 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX010919.D

Acq: 16 Jul 2019 20:12

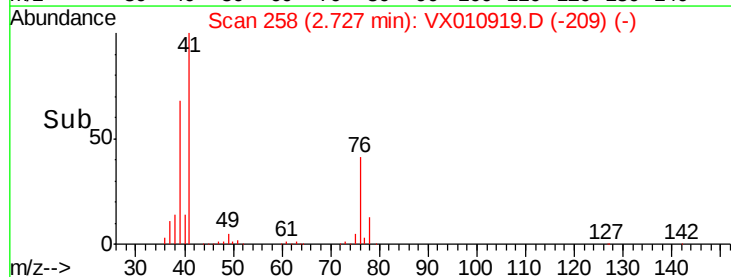
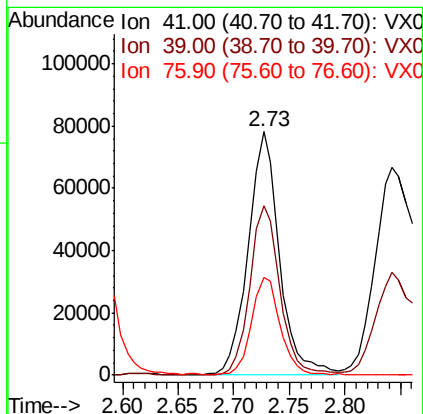
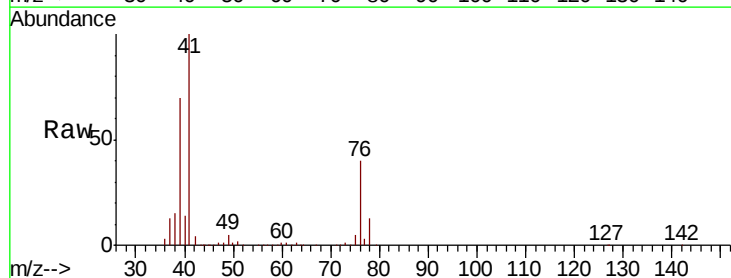
Tgt Ion: 41 Resp: 153029

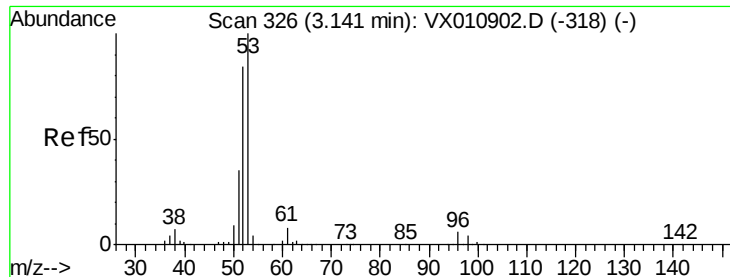
Ion Ratio Lower Upper

41 100

39 66.6 53.6 80.4

76 37.0 29.7 44.5





#15

Acrylonitrile

Concen: 285.272 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX010919.D

Acq: 16 Jul 2019 20:12

Instrument :

MSVOA_X

ClientSampleId :

FL-0604MS

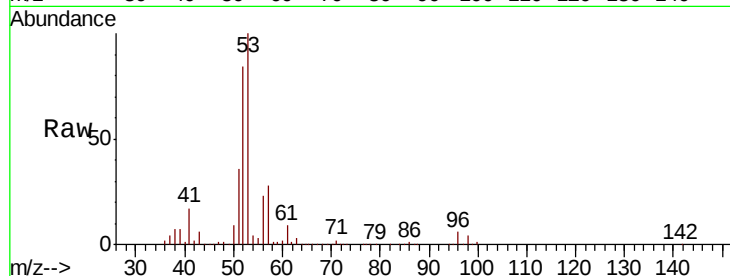
Tot Ion: 53 Resp: 321830

Ion Ratio Lower Upper

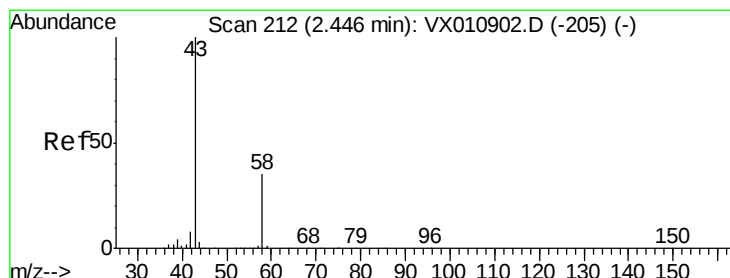
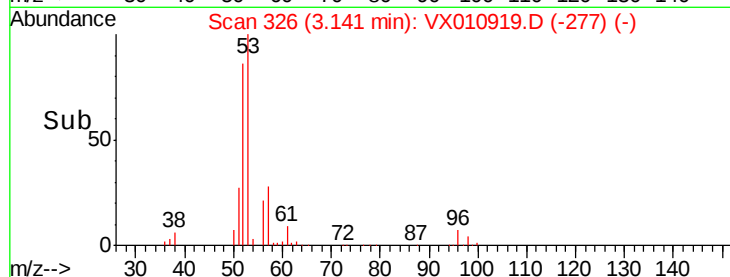
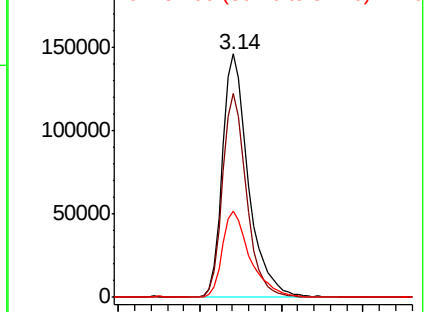
53 100

52 77.5 66.5 99.7

51 37.8 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 226.437 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX010919.D

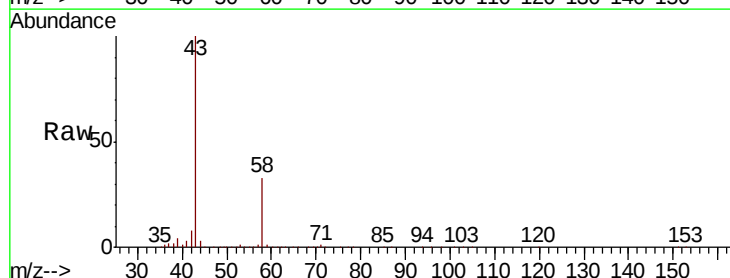
Acq: 16 Jul 2019 20:12

Tgt Ion: 43 Resp: 245168

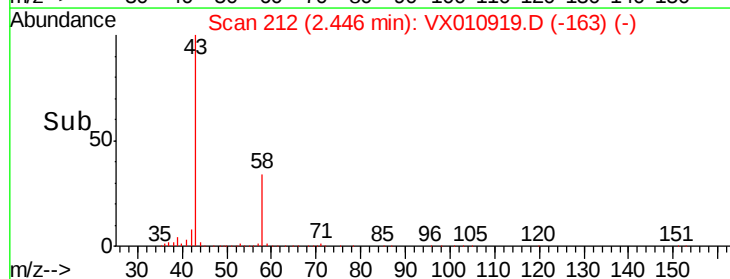
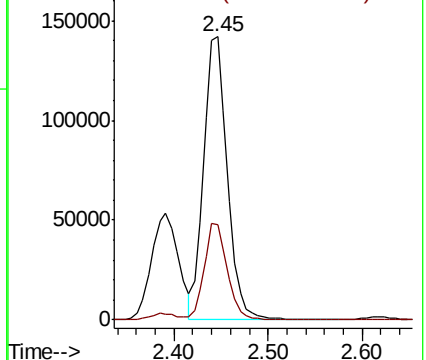
Ion Ratio Lower Upper

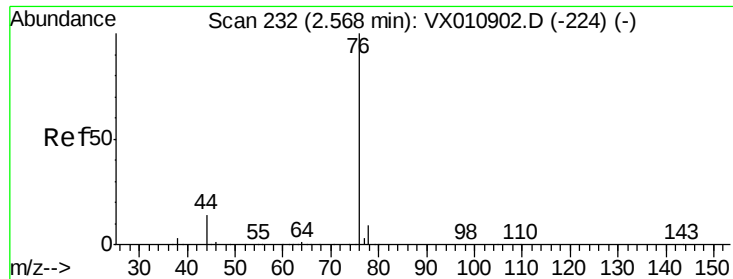
43 100

58 33.4 27.7 41.5



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

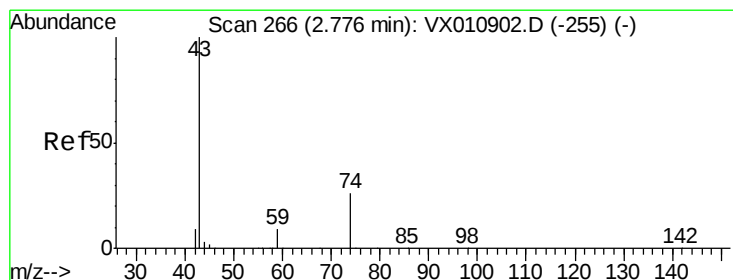
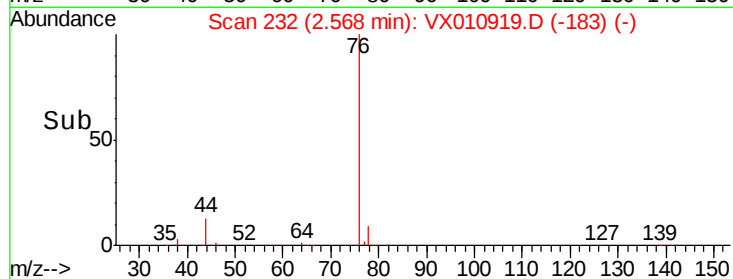
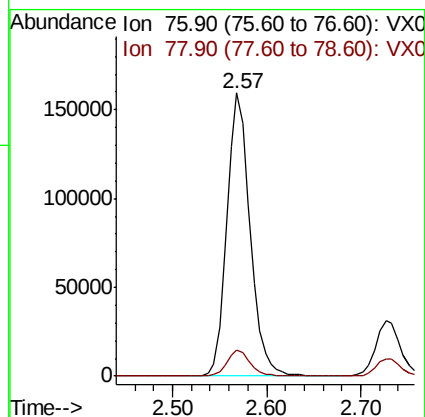
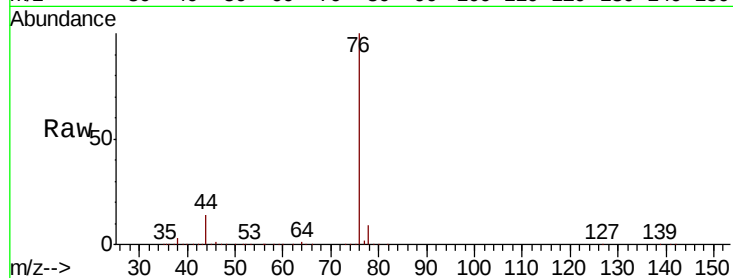




#17
Carbon Disulfide
Concen: 52.969 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX010919.D
Acq: 16 Jul 2019 20:12

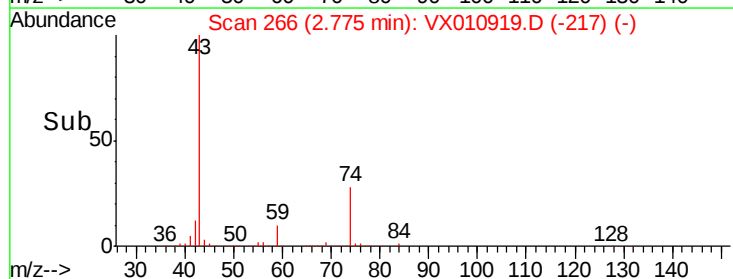
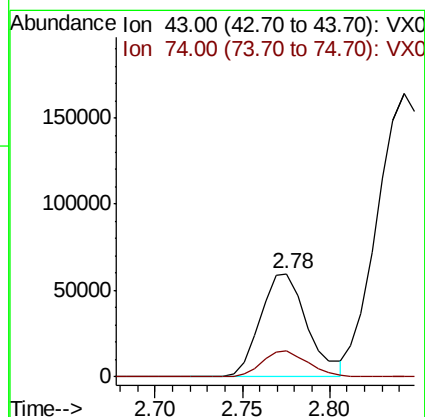
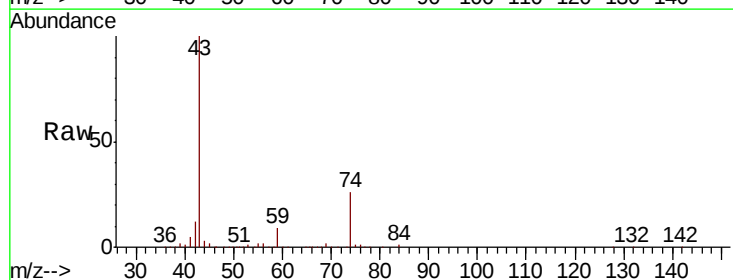
Instrument :
MSVOA_X
ClientSampled :
FL-0604MS

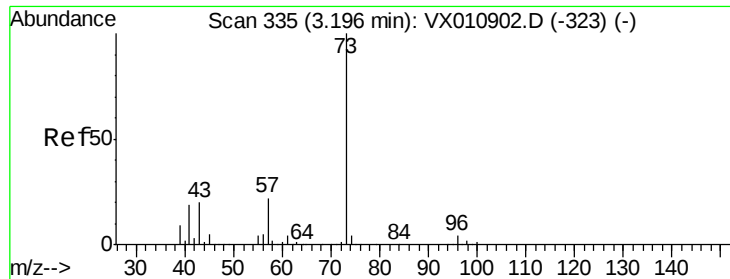
Tot Ion: 76 Resp: 272720
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0



#18
Methyl Acetate
Concen: 45.249 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX010919.D
Acq: 16 Jul 2019 20:12

Tgt Ion: 43 Resp: 111557
Ion Ratio Lower Upper
43 100
74 25.7 21.5 32.3



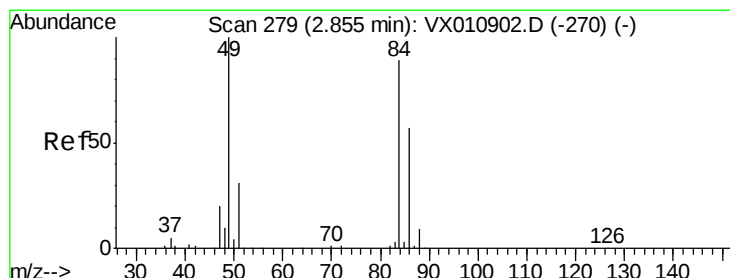
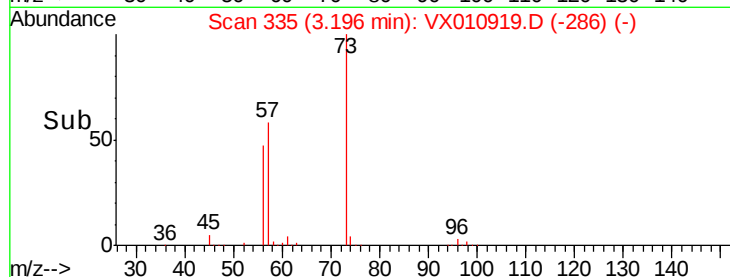
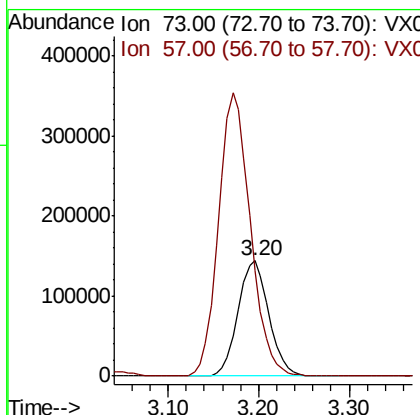
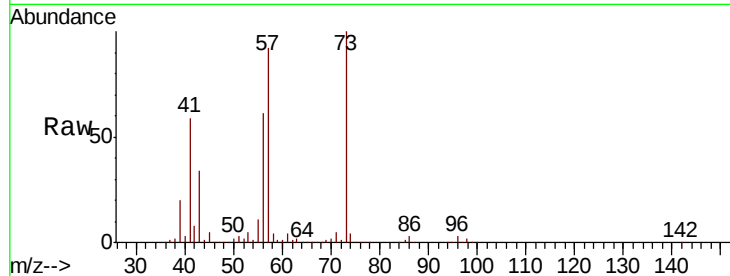


#19

Methyl tert-butyl Ether
 Concen: 52.447 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. -0.00 min
 Lab File: VX010919.D
 Acq: 16 Jul 2019 20:12

Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0604MS

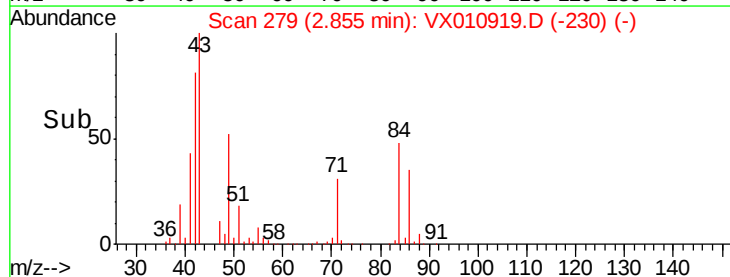
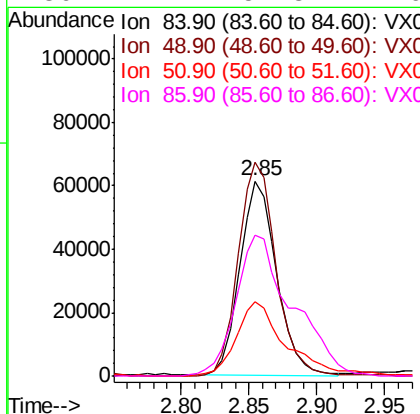
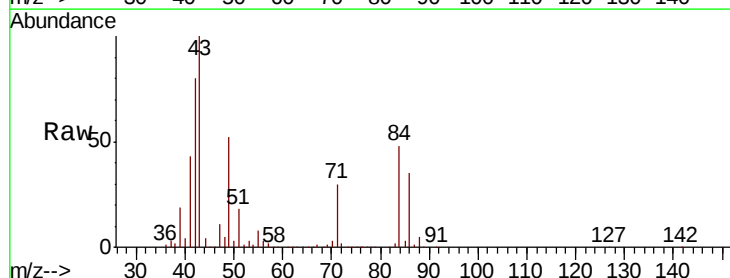
Tot Ion: 73 Resp: 338883
 Ion Ratio Lower Upper
 73 100
 57 91.8 17.3 25.9#

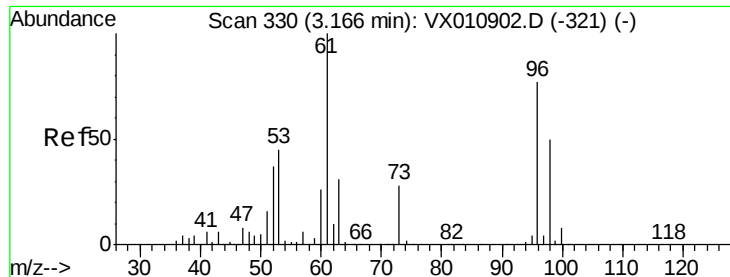


#20

Methylene Chloride
 Concen: 50.608 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX010919.D
 Acq: 16 Jul 2019 20:12

Tgt Ion: 84 Resp: 116121
 Ion Ratio Lower Upper
 84 100
 49 110.0 89.9 134.9
 51 38.2 27.8 41.6
 86 72.4 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 51.596 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX010919.D

Acq: 16 Jul 2019 20:12

Instrument :

MSVOA_X

ClientSampleId :

FL-0604MS

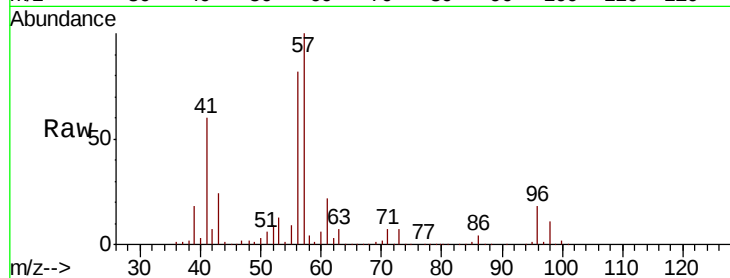
Tot Ion: 96 Resp: 109883

Ion Ratio Lower Upper

96 100

61 123.1 104.2 156.2

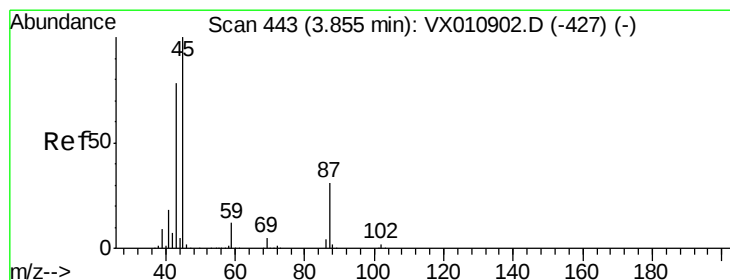
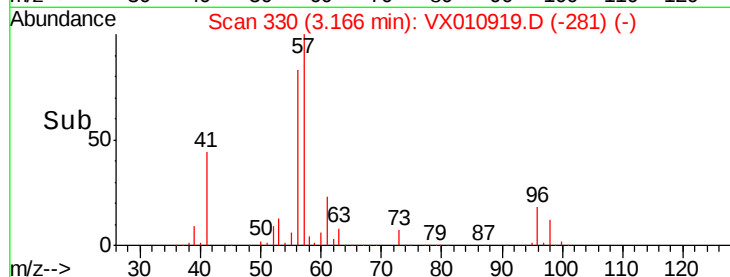
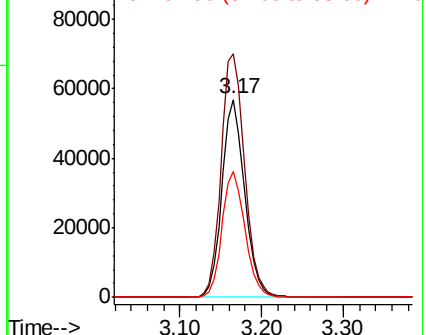
98 63.8 52.2 78.4



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: 51.717 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX010919.D

Acq: 16 Jul 2019 20:12

Tgt Ion: 45 Resp: 318002

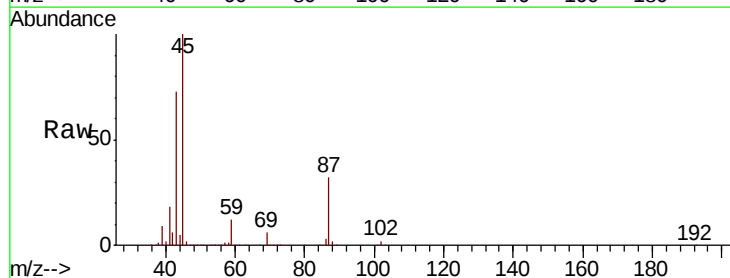
Ion Ratio Lower Upper

45 100

43 72.9 62.3 93.5

87 32.5 25.0 37.4

59 11.8 9.9 14.9

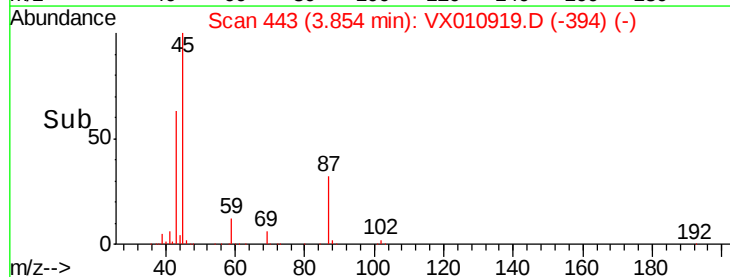
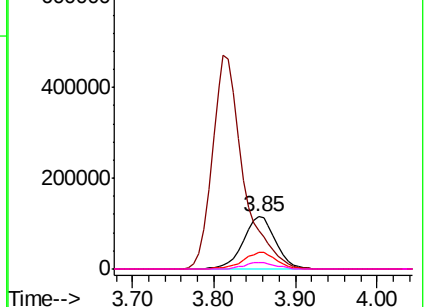


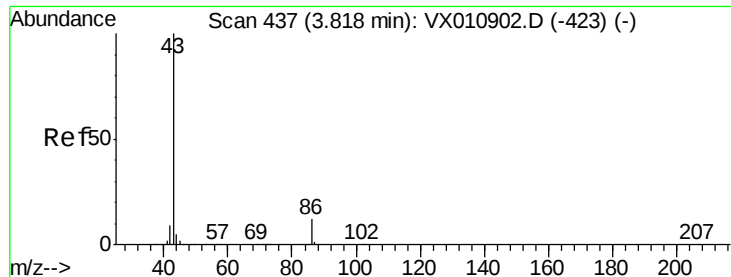
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 237.516 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX010919.D

Acq: 16 Jul 2019 20:12

Instrument :

MSVOA_X

ClientSampled :

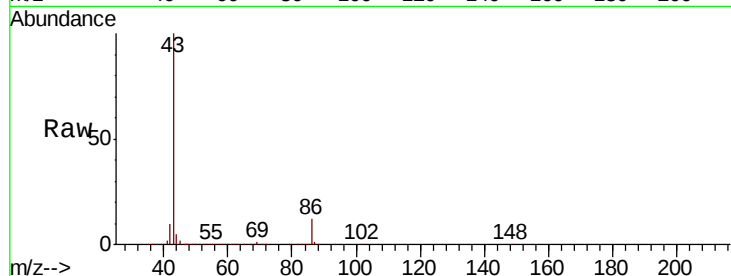
FL-0604MS

Tot Ion: 43 Resp: 1237444

Ion Ratio Lower Upper

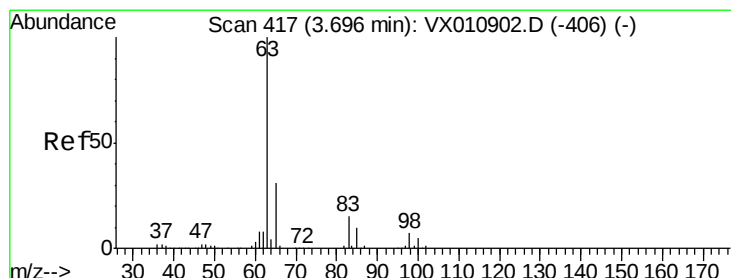
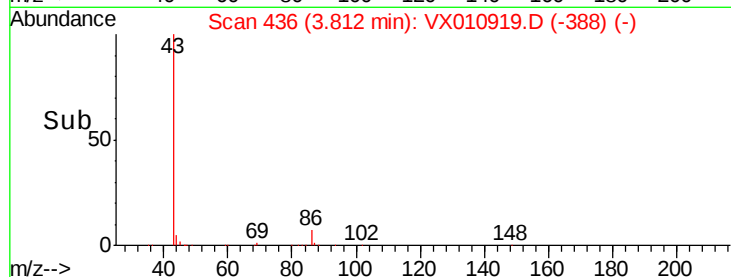
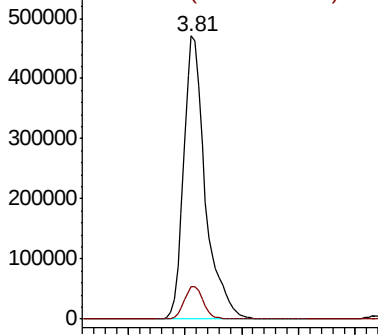
43 100

86 11.6 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 51.919 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX010919.D

Acq: 16 Jul 2019 20:12

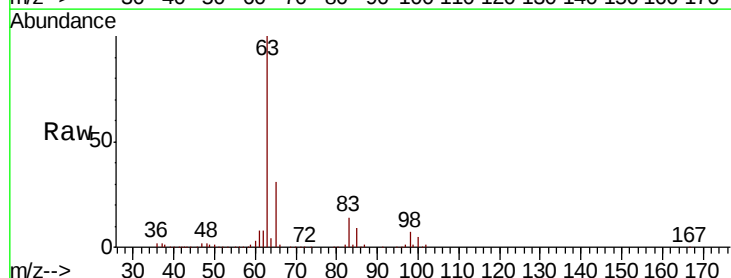
Tgt Ion: 63 Resp: 185404

Ion Ratio Lower Upper

63 100

98 7.2 3.6 10.9

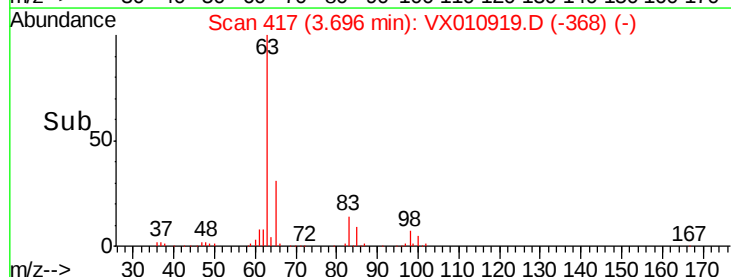
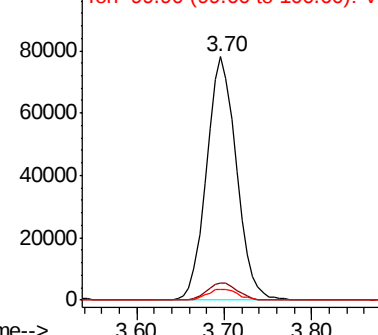
100 4.6 2.4 7.2

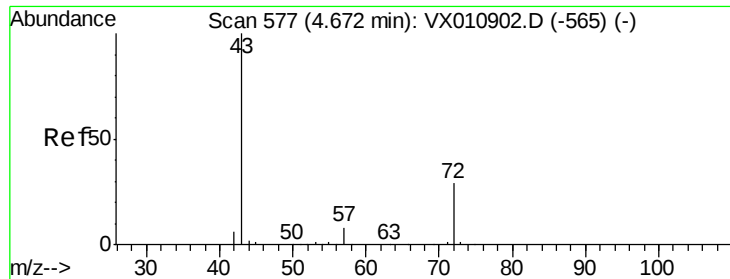


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 257.254 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX010919.D

Acq: 16 Jul 2019 20:12

Instrument :

MSVOA_X

ClientSampleId :

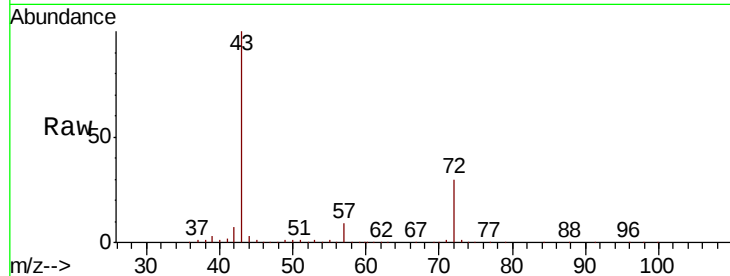
FL-0604MS

Tot Ion: 43 Resp: 399832

Ion Ratio Lower Upper

43 100

72 29.8 23.0 34.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

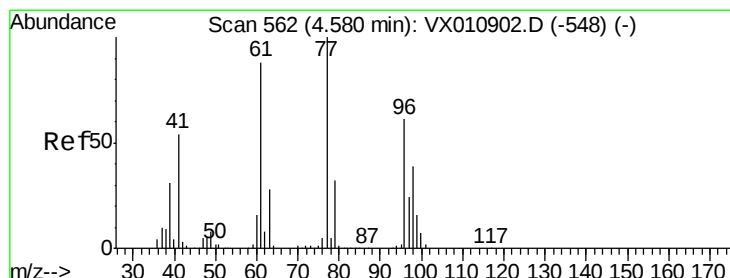
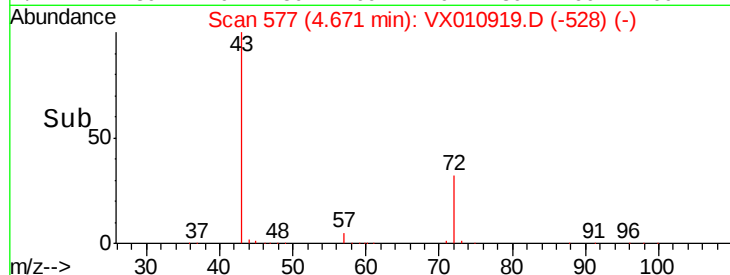
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 42.928 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX010919.D

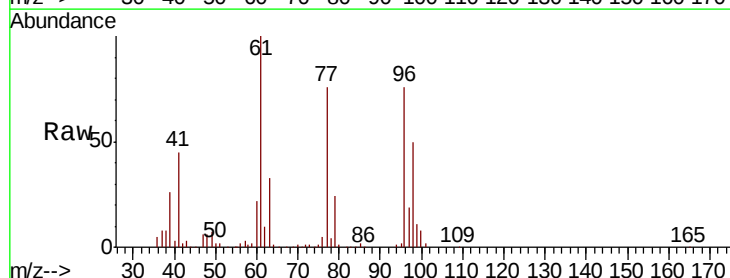
Acq: 16 Jul 2019 20:12

Tgt Ion: 77 Resp: 125868

Ion Ratio Lower Upper

77 100

97 25.7 12.6 37.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

40000

30000

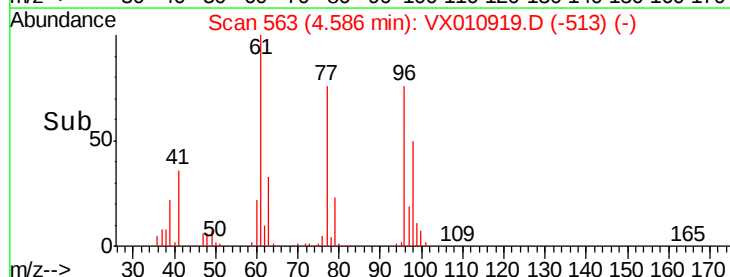
20000

10000

0

4.50 4.60 4.70

Time-->



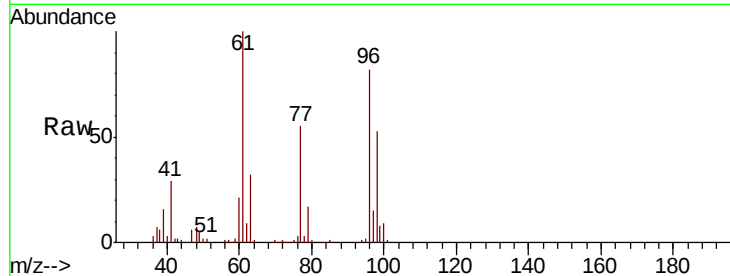


#27

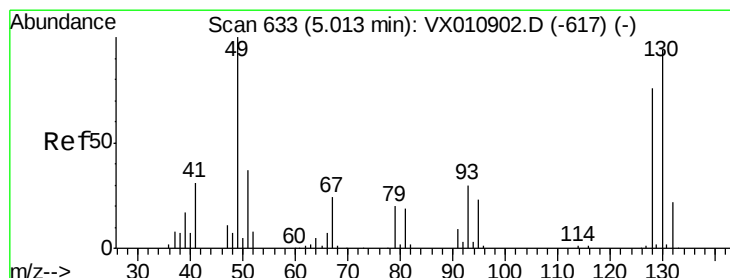
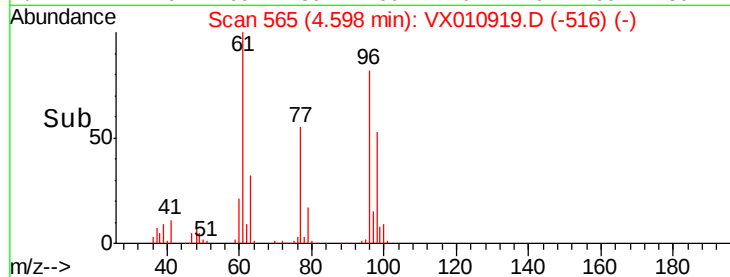
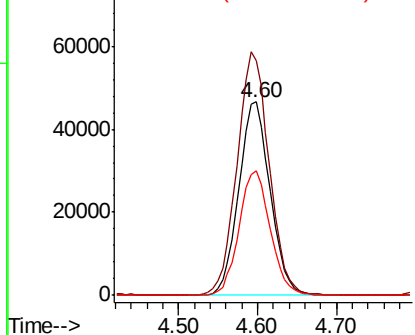
cis-1,2-Dichloroethene
 Concen: 52.458 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX010919.D
 Acq: 16 Jul 2019 20:12

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0604MS

Tot Ion	Ratio	Lower	Upper
96	100		
61	128.8	0.0	269.0
98	64.0	0.0	131.4



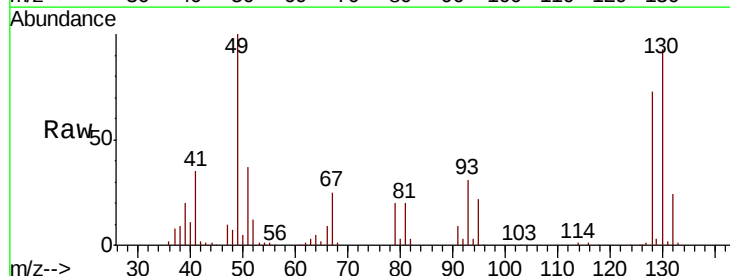
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



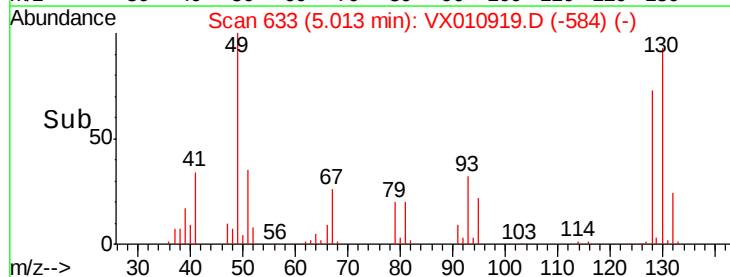
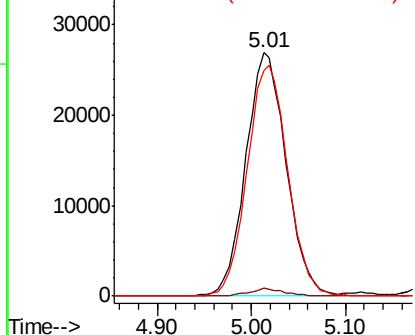
#28

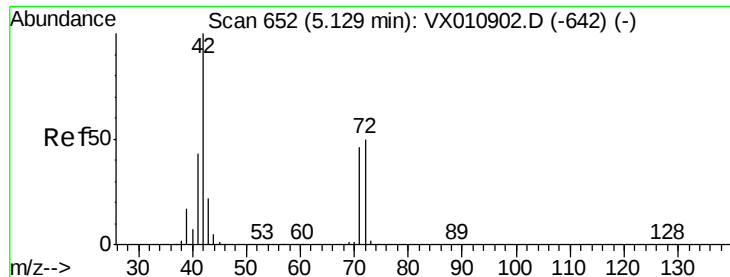
Bromochloromethane
 Concen: 48.130 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.00 min
 Lab File: VX010919.D
 Acq: 16 Jul 2019 20:12

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	5.2
130	95.1	76.9	115.3



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





#29

Tetrahydrofuran

Concen: 259.749 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX010919.D

Acq: 16 Jul 2019 20:12

Instrument :

MSVOA_X

ClientSampled :

FL-0604MS

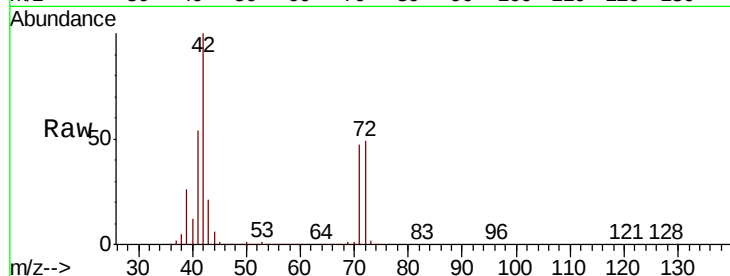
Tot Ion: 42 Resp: 255726

Ion Ratio Lower Upper

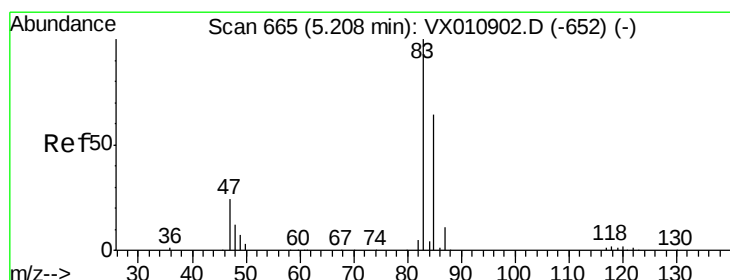
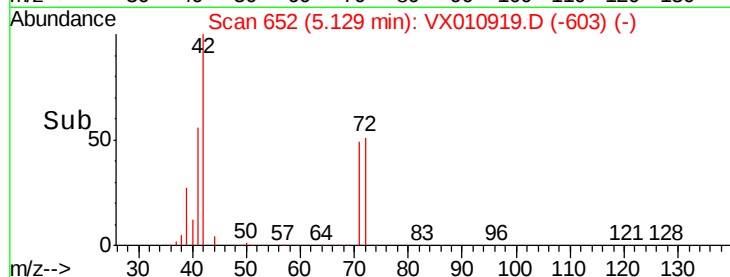
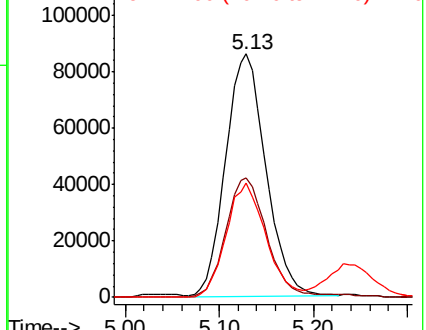
42 100

72 50.3 39.8 59.8

71 46.6 37.0 55.4



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: 51.914 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.01 min

Lab File: VX010919.D

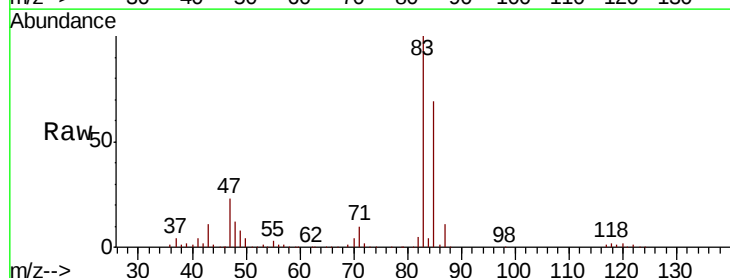
Acq: 16 Jul 2019 20:12

Tgt Ion: 83 Resp: 200380

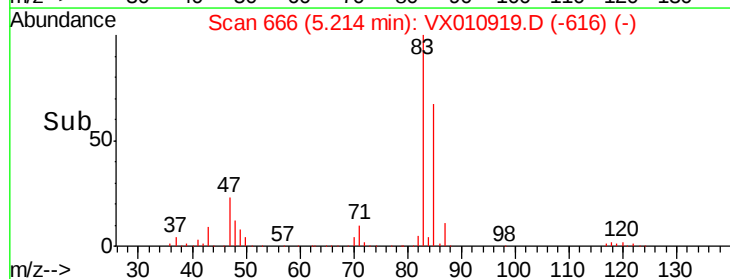
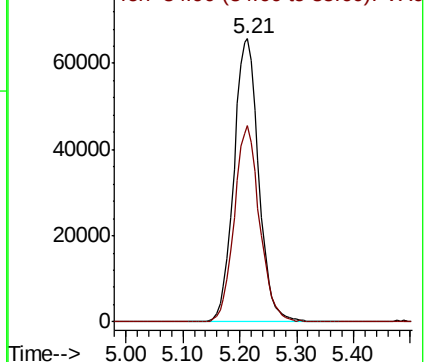
Ion Ratio Lower Upper

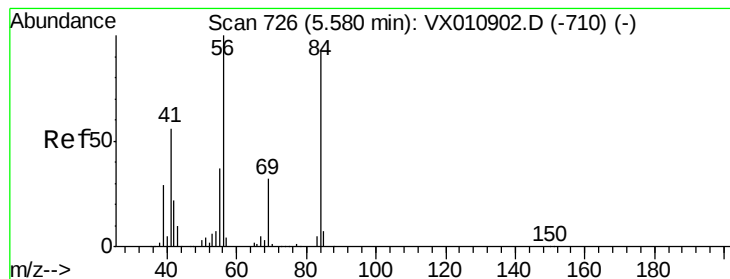
83 100

85 69.2 51.4 77.0



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 209.713 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX010919.D

Acq: 16 Jul 2019 20:12

Instrument :

MSVOA_X

ClientSampled :

FL-0604MS

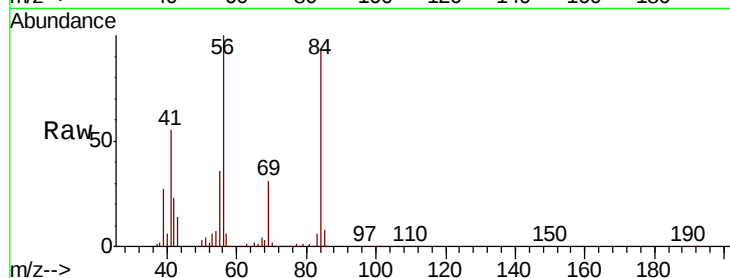
Tot Ion: 56 Resp: 682601

Ion Ratio Lower Upper

56 100

69 30.6 25.8 38.8

84 92.4 73.8 110.6

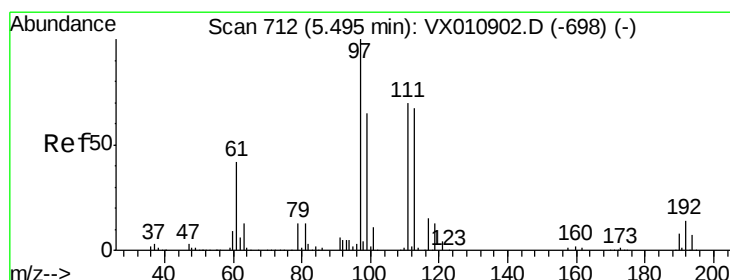
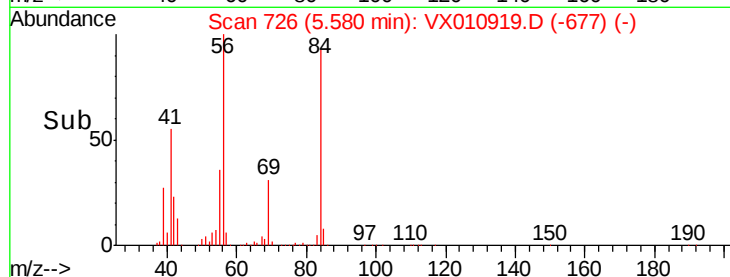
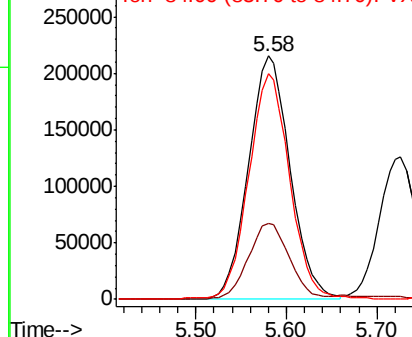


Abundance

Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 52.651 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX010919.D

Acq: 16 Jul 2019 20:12

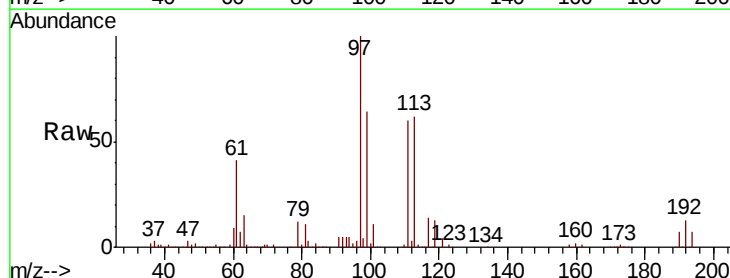
Tgt Ion: 97 Resp: 175821

Ion Ratio Lower Upper

97 100

99 64.9 51.4 77.0

61 41.1 33.0 49.6

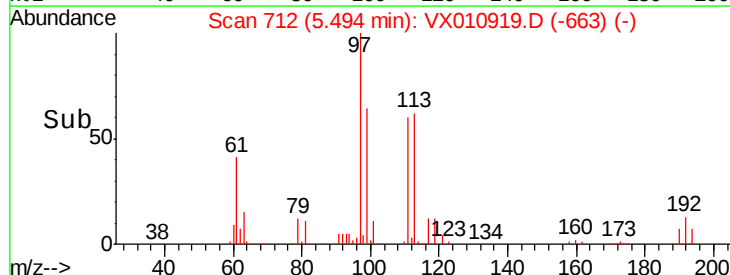
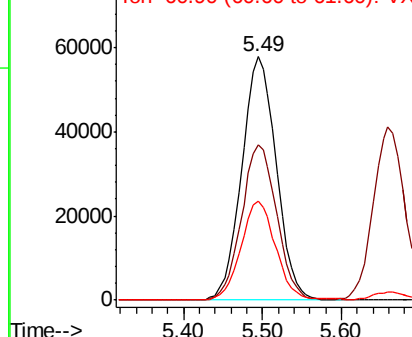


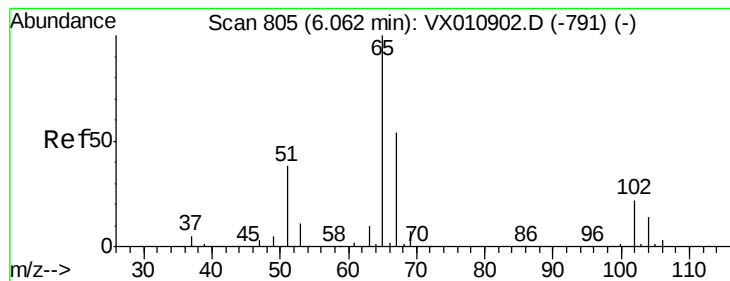
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 48.115 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX010919.D

Acq: 16 Jul 2019 20:12

Instrument :

MSVOA_X

ClientSampled :

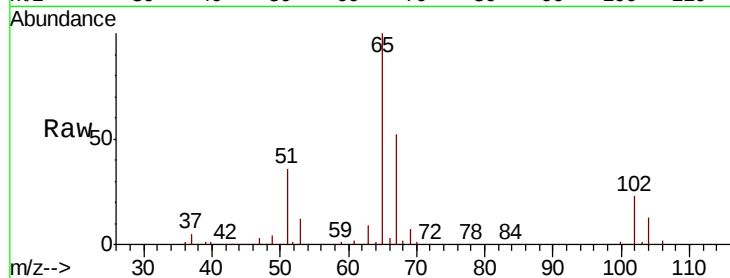
FL-0604MS

Tot Ion: 65 Resp: 115345

Ion Ratio Lower Upper

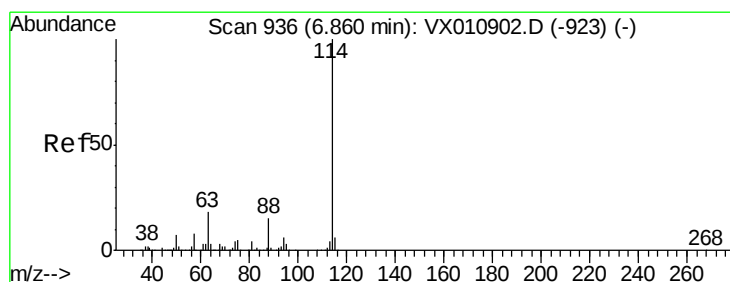
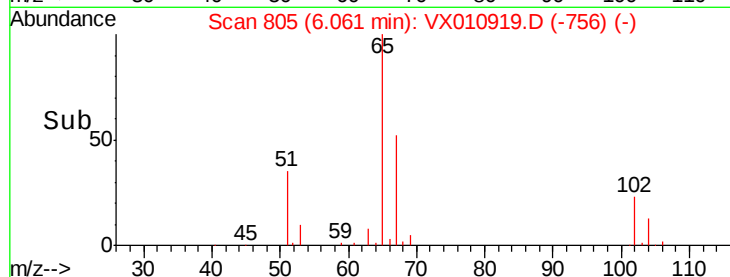
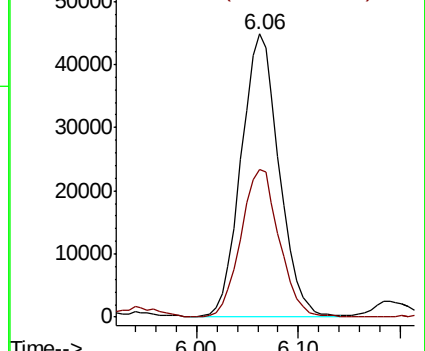
65 100

67 52.5 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX010919.D

Acq: 16 Jul 2019 20:12

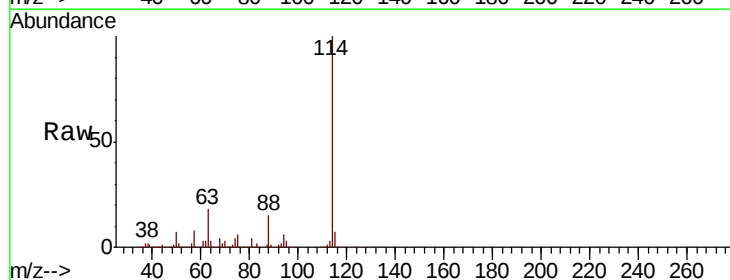
Tgt Ion: 114 Resp: 344052

Ion Ratio Lower Upper

114 100

63 18.4 0.0 35.6

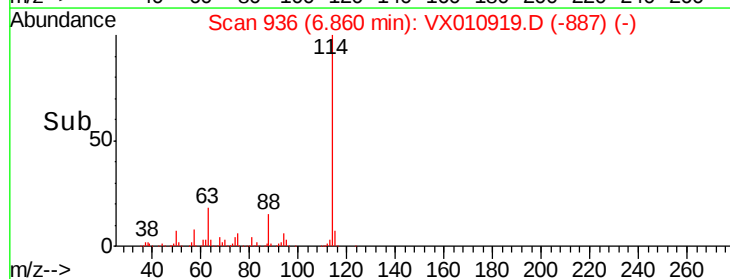
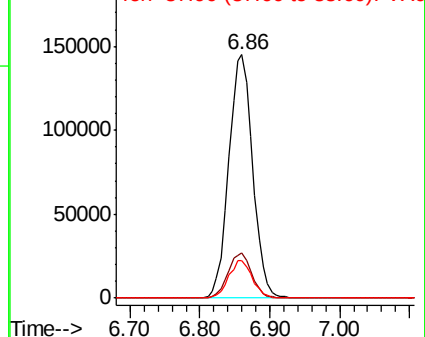
88 15.3 0.0 29.8

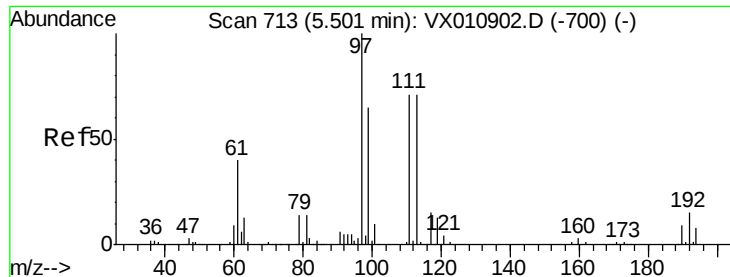


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

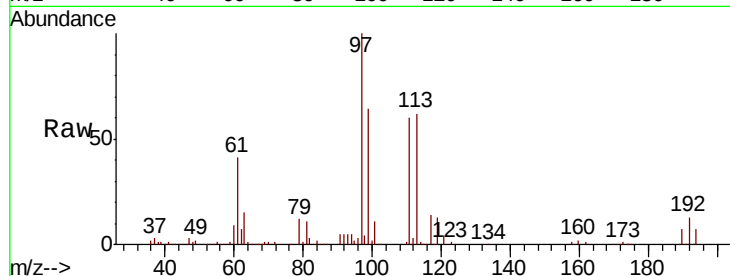




#35
 Dibromofluoromethane
 Concen: 47.464 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX010919.D
 Acq: 16 Jul 2019 20:12

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0604MS

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.3	123.5
192	22.0	17.4	26.2

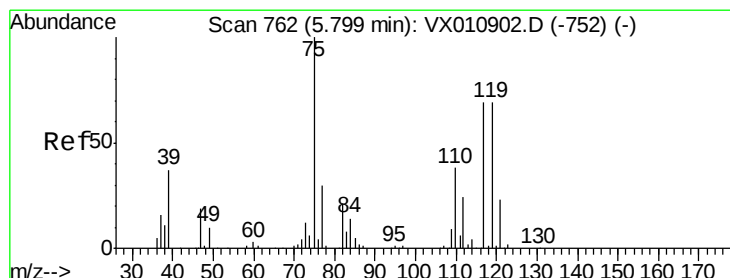
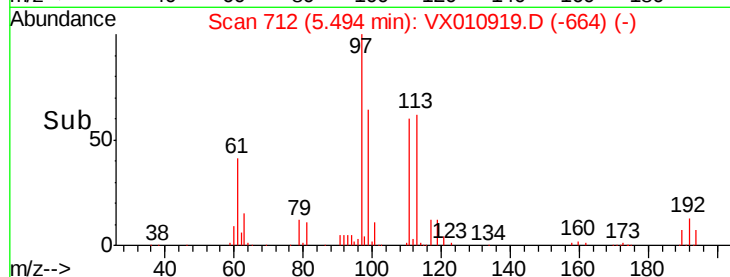
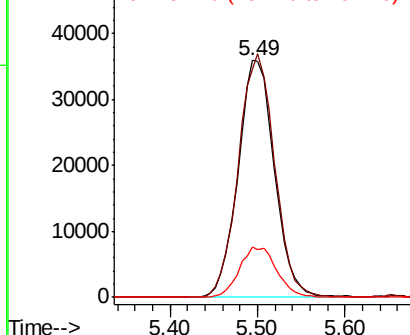


Abundance

Ion 112.80 (112.50 to 113.50): V

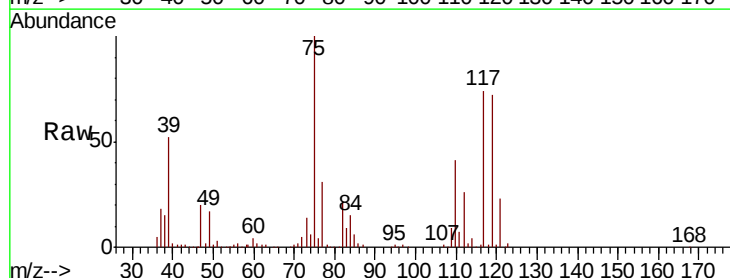
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 51.718 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX010919.D
 Acq: 16 Jul 2019 20:12

Tgt Ion	Ratio	Lower	Upper
75	100		
110	39.9	19.9	59.7
77	31.4	25.0	37.4

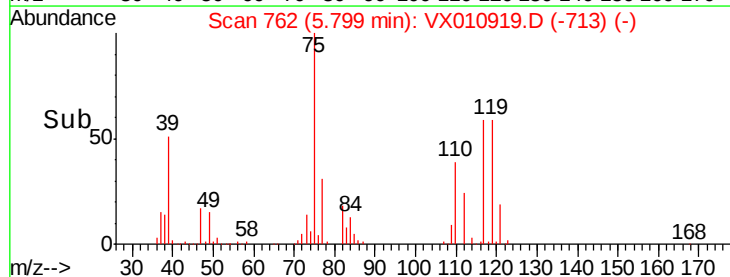
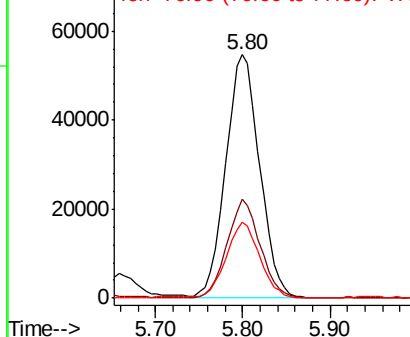


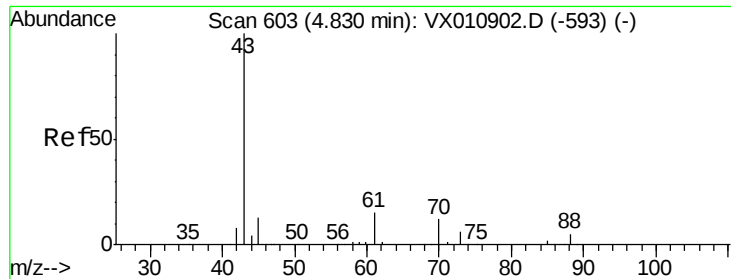
Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

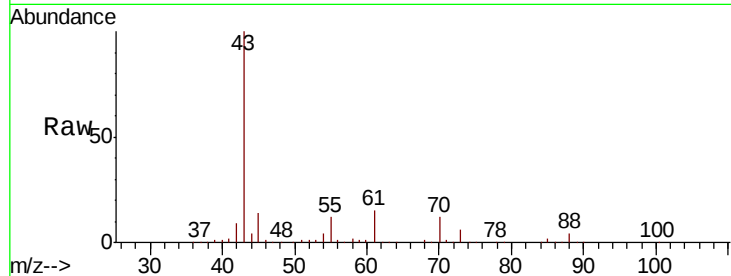




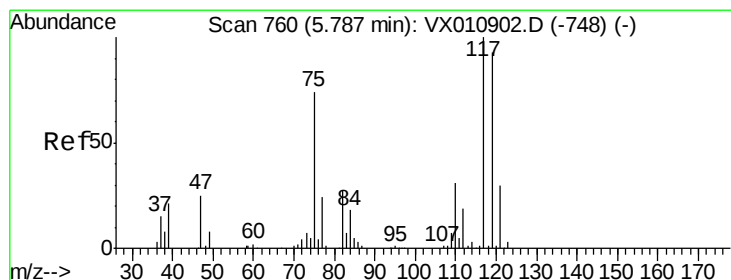
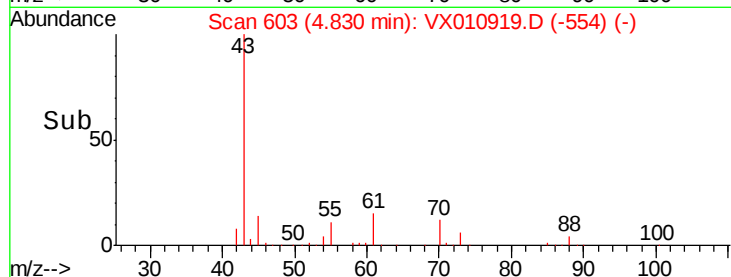
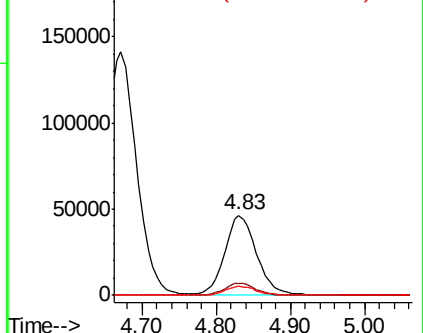
#37
Ethyl Acetate
Concen: 47.579 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.00 min
Lab File: VX010919.D
Acq: 16 Jul 2019 20:12

Instrument :
MSVOA_X
ClientSampleId :
FL-0604MS

Tot Ion: 43 Resp: 137684
Ion Ratio Lower Upper
43 100
61 14.7 11.6 17.4
70 11.7 9.1 13.7

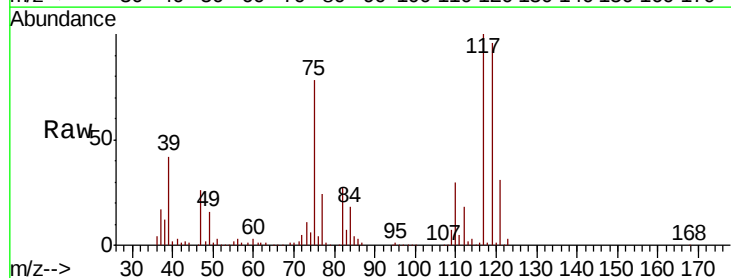


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

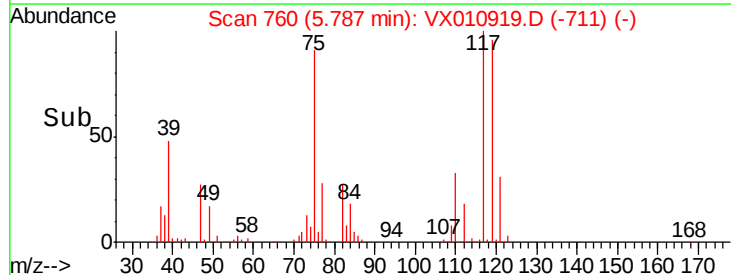
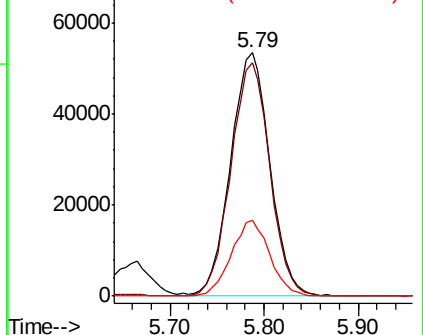


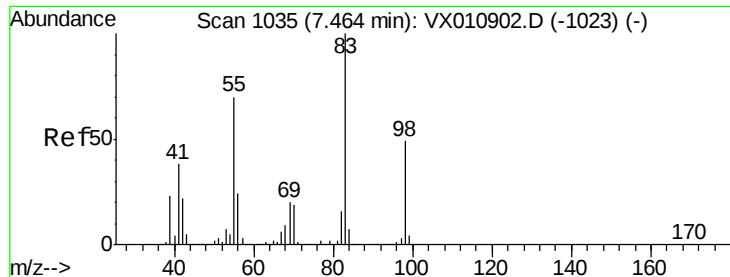
#38
Carbon Tetrachloride
Concen: 52.805 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX010919.D
Acq: 16 Jul 2019 20:12

Tgt Ion: 117 Resp: 155506
Ion Ratio Lower Upper
117 100
119 95.9 74.2 111.2
121 31.0 24.2 36.2



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

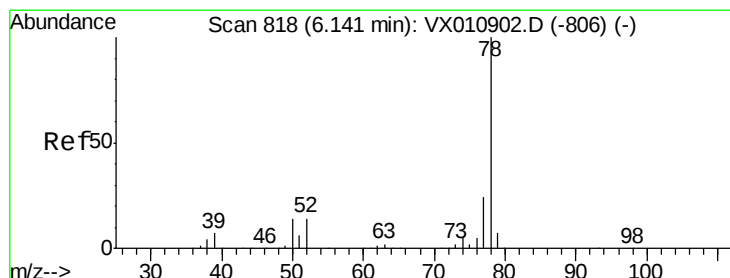
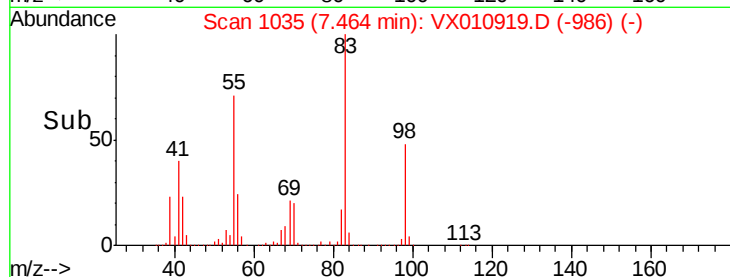
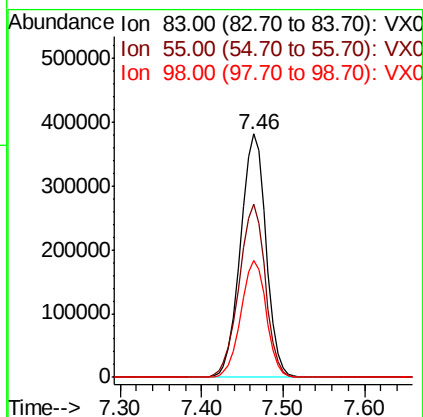
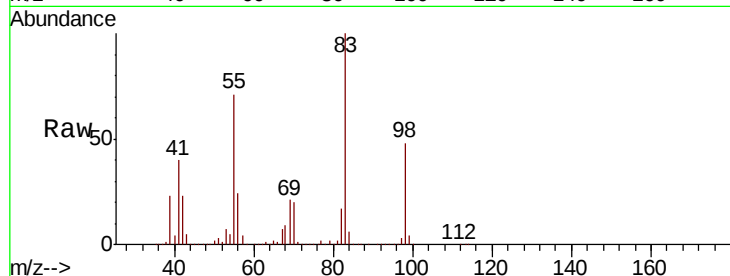




#39
Methvlcvclohexane
Concen: 225.720 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX010919.D
Acq: 16 Jul 2019 20:12

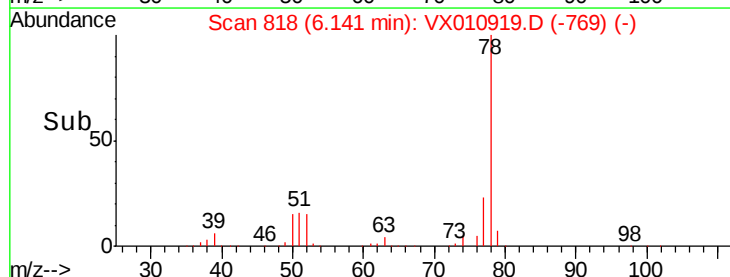
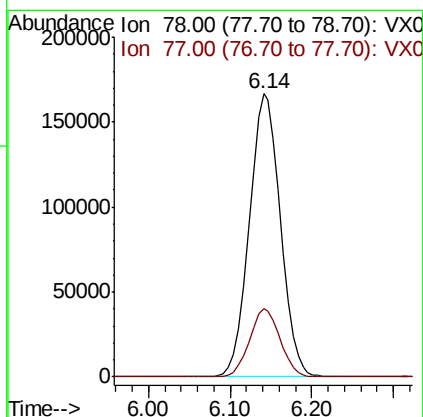
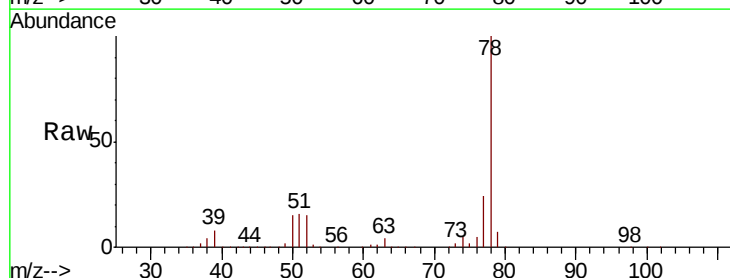
Instrument :
MSVOA_X
ClientSampled :
FL-0604MS

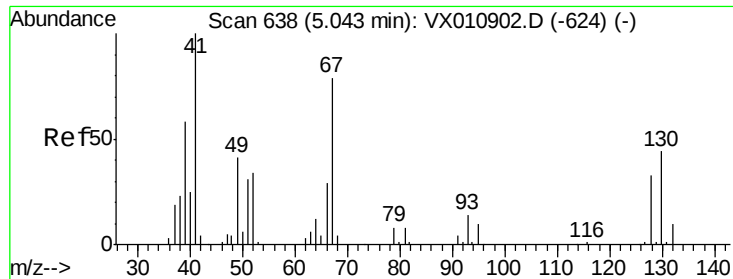
Tot Ion: 83 Resp: 827236
Ion Ratio Lower Upper
83 100
55 71.3 56.2 84.4
98 48.3 39.0 58.4



#40
Benzene
Concen: 51.114 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX010919.D
Acq: 16 Jul 2019 20:12

Tgt Ion: 78 Resp: 442488
Ion Ratio Lower Upper
78 100
77 24.3 19.0 28.6

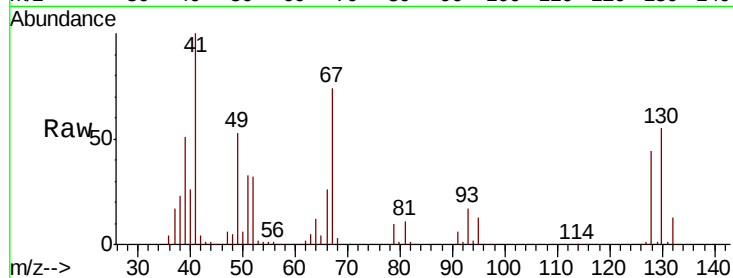




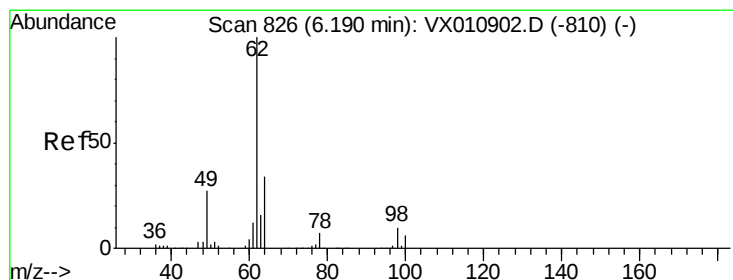
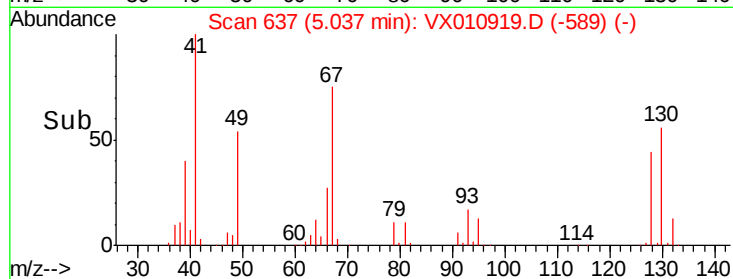
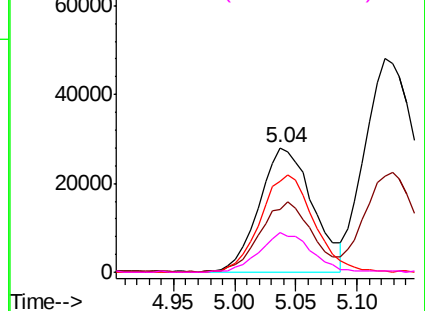
#41
Methacrylonitrile
Concen: 51.583 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX010919.D
Acq: 16 Jul 2019 20:12

Instrument :
MSVOA_X
ClientSampled :
FL-0604MS

Tot Ion:	41	Resp:	84739
Ion	Ratio	Lower	Upper
41	100		
39	56.1	45.4	68.2
67	78.5	65.9	98.9
52	30.4	26.2	39.2

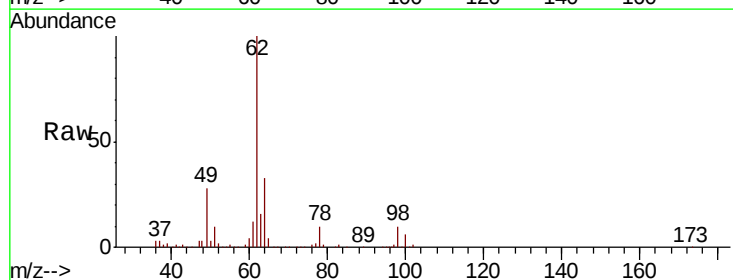


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

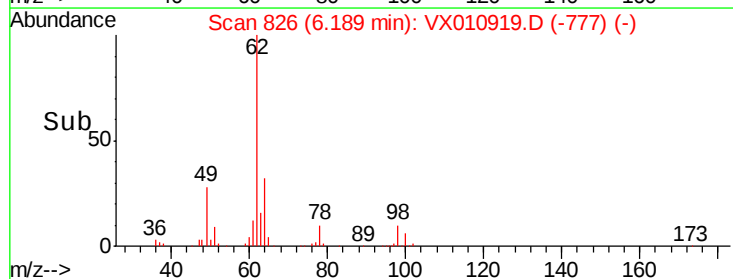
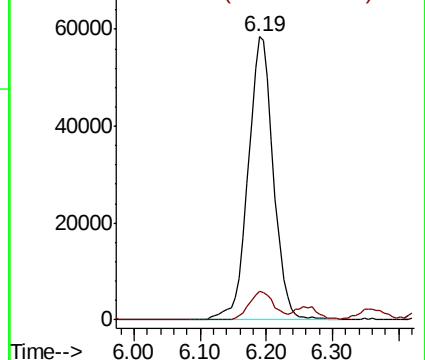


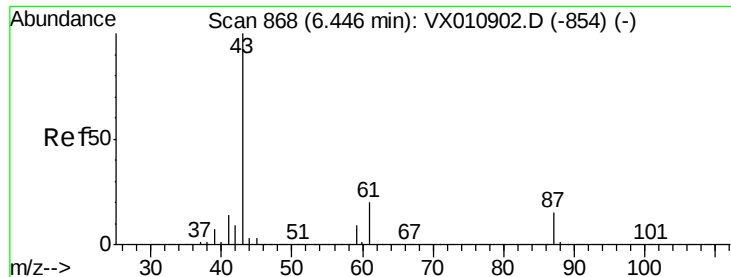
#42
1,2-Dichloroethane
Concen: 51.664 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.00 min
Lab File: VX010919.D
Acq: 16 Jul 2019 20:12

Tgt Ion:	62	Resp:	155506
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.0



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 50.757 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX010919.D

Acq: 16 Jul 2019 20:12

Instrument :

MSVOA_X

ClientSampleId :

FL-0604MS

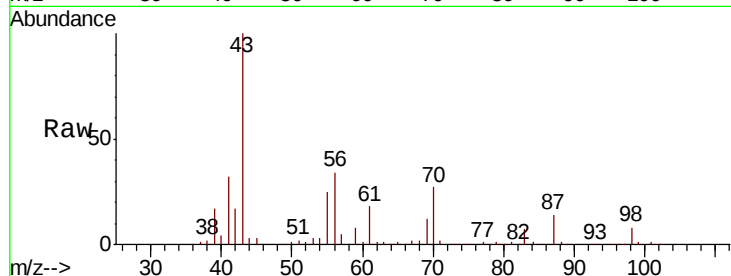
Tot Ion: 43 Resp: 241516

Ion Ratio Lower Upper

43 100

61 20.4 17.1 25.7

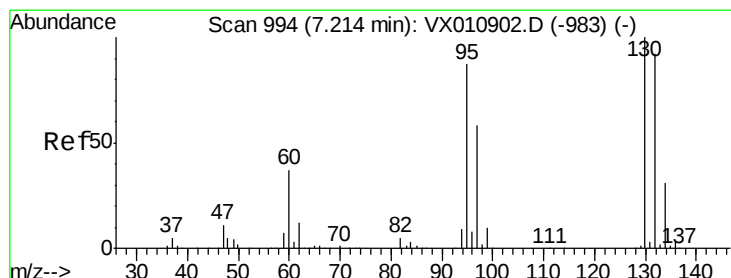
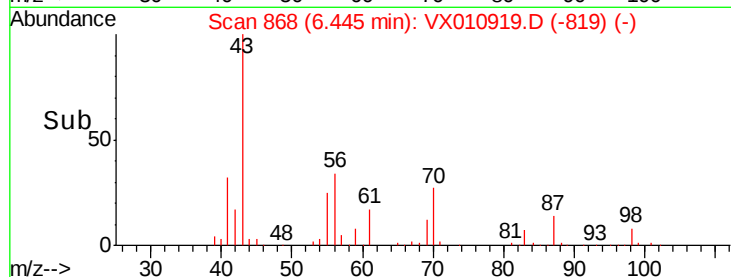
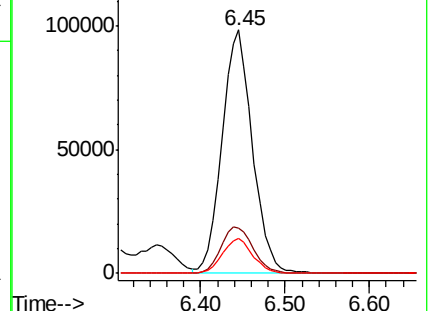
87 14.5 12.0 18.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 50.899 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX010919.D

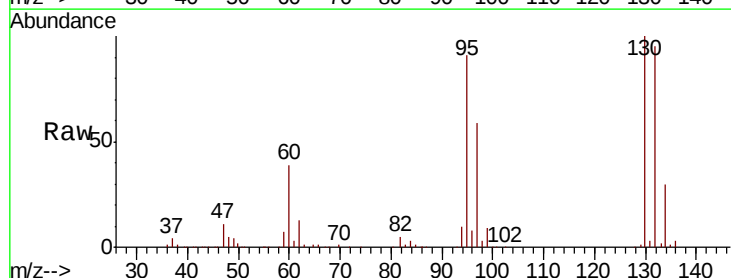
Acq: 16 Jul 2019 20:12

Tgt Ion:130 Resp: 130426

Ion Ratio Lower Upper

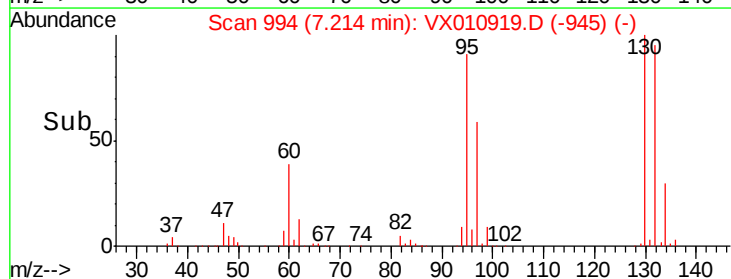
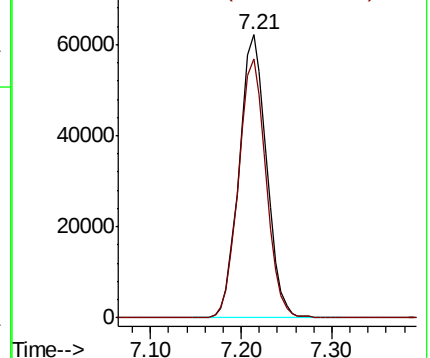
130 100

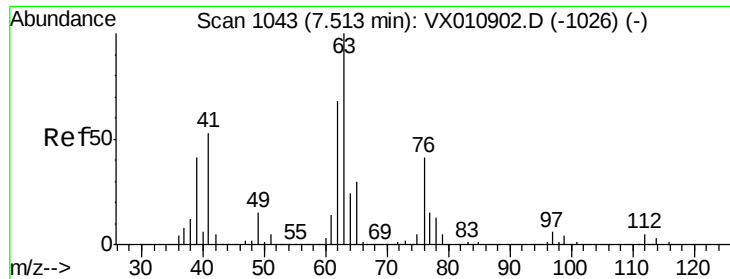
95 91.3 0.0 174.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 54.322 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX010919.D

Acq: 16 Jul 2019 20:12

Instrument :

MSVOA_X

ClientSampled :

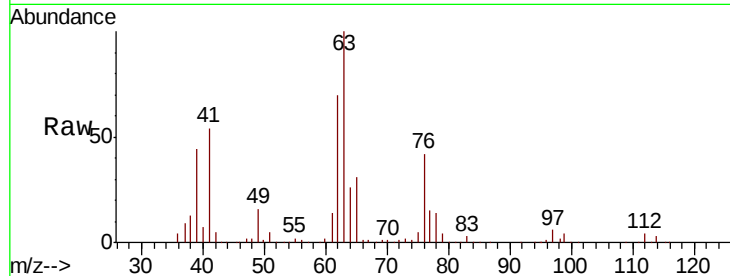
FL-0604MS

Tot Ion: 63 Resp: 119690

Ion Ratio Lower Upper

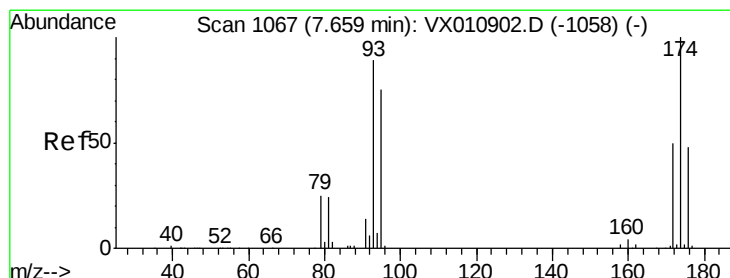
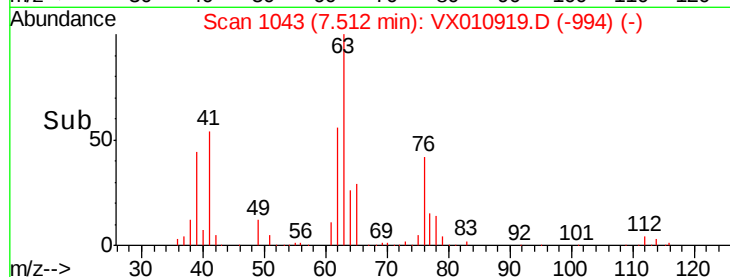
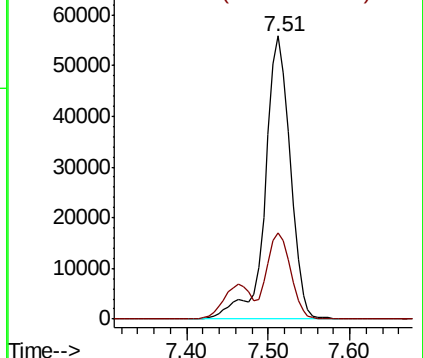
63 100

65 30.5 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 52.197 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX010919.D

Acq: 16 Jul 2019 20:12

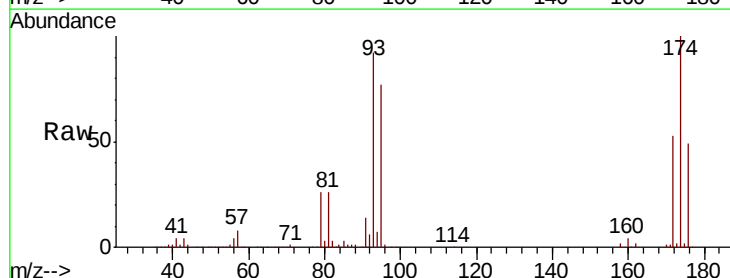
Tgt Ion: 93 Resp: 82180

Ion Ratio Lower Upper

93 100

95 83.5 67.2 100.8

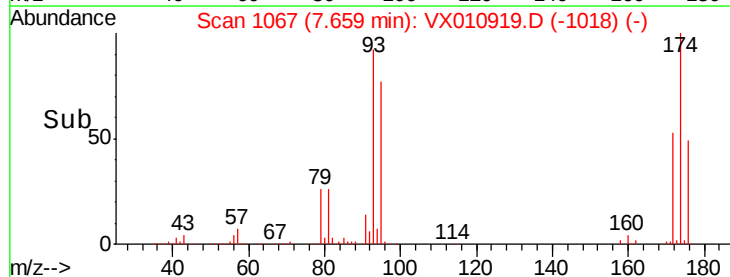
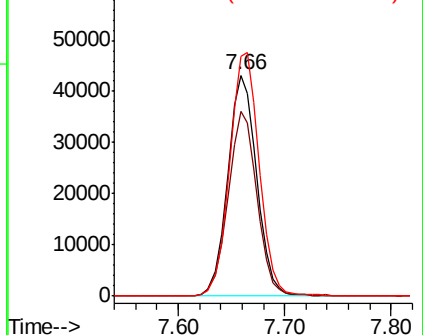
174 113.0 90.6 135.8

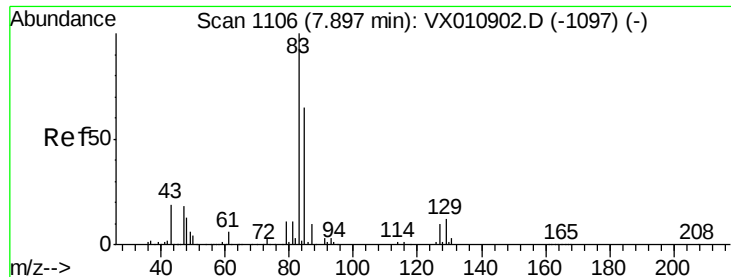


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 53.573 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX010919.D

Acq: 16 Jul 2019 20:12

Instrument :

MSVOA_X

ClientSampled :

FL-0604MS

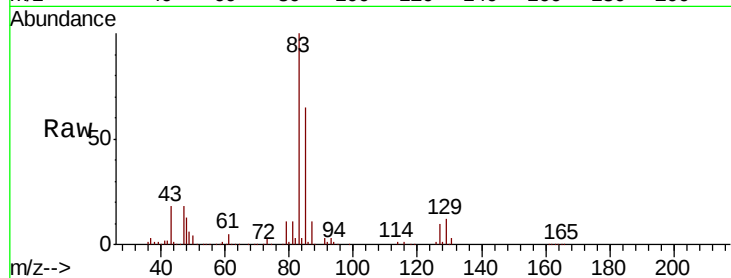
Tot Ion: 83 Resp: 150145

Ion Ratio Lower Upper

83 100

85 65.4 52.5 78.7

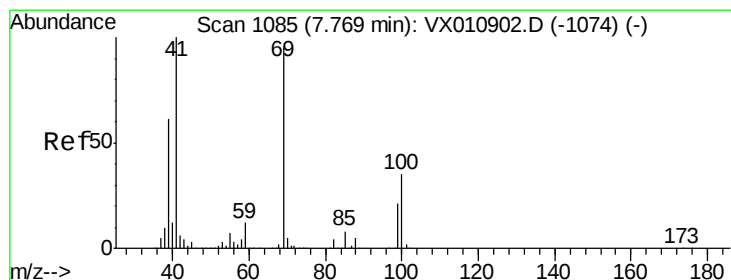
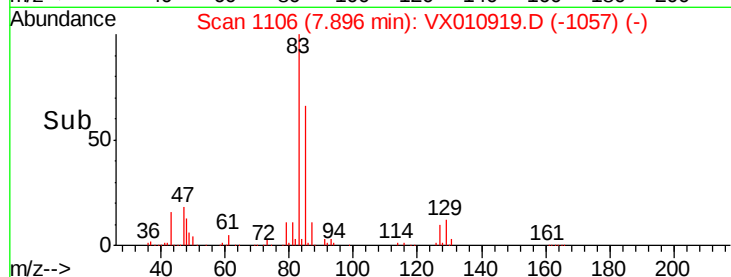
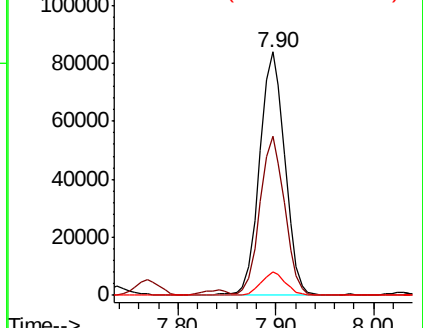
127 9.6 7.8 11.8



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: 65.383 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX010919.D

Acq: 16 Jul 2019 20:12

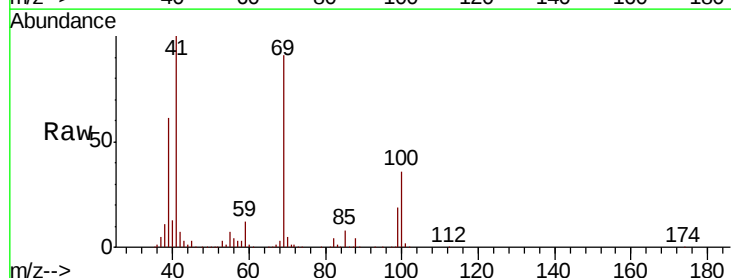
Tgt Ion: 41 Resp: 151559

Ion Ratio Lower Upper

41 100

69 108.5 74.4 111.6

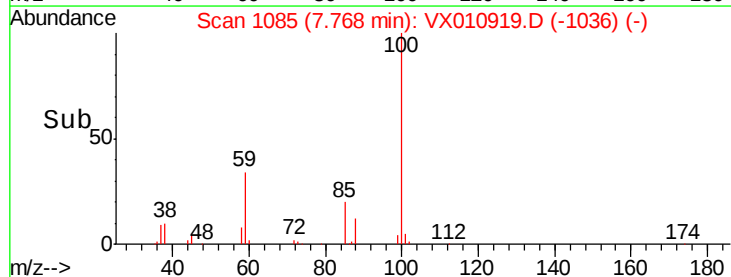
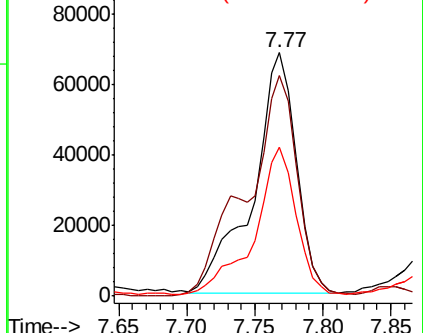
39 59.1 48.9 73.3

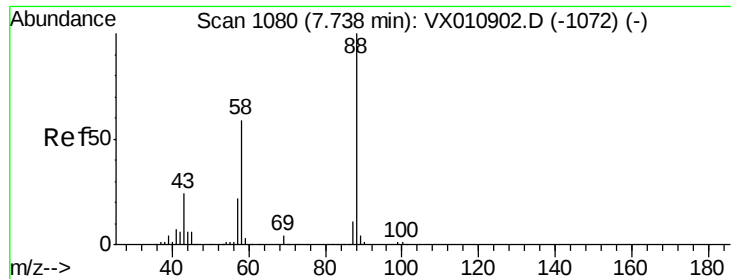


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

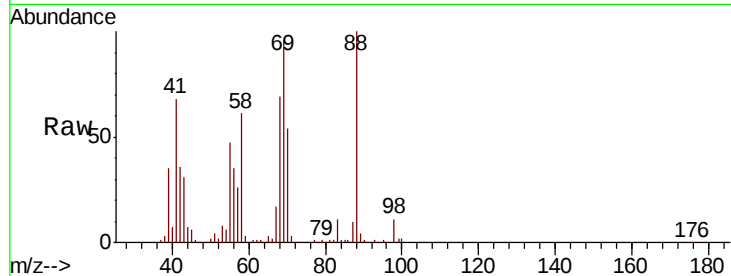




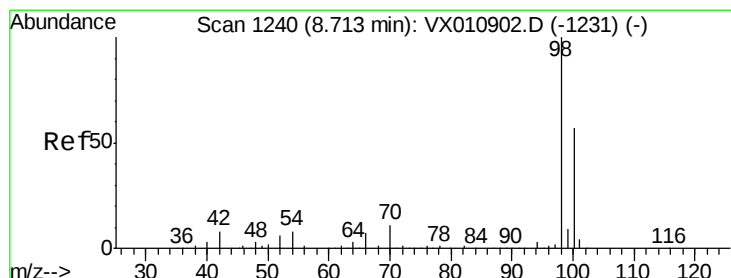
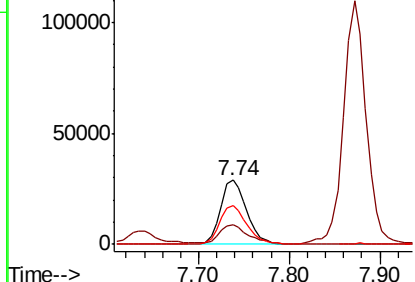
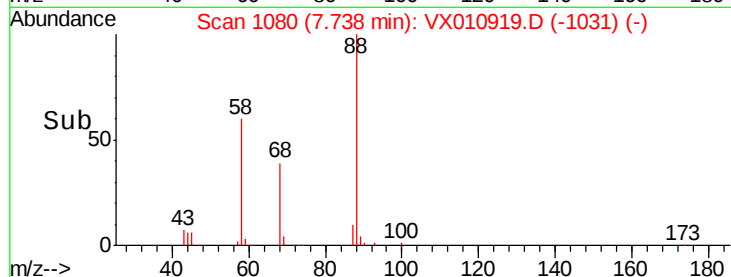
#49
1,4-Dioxane
Concen: 897.514 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX010919.D
Acq: 16 Jul 2019 20:12

Instrument :
MSVOA_X
ClientSampleId :
FL-0604MS

Tot Ion: 88 Resp: 58195
Ion Ratio Lower Upper
88 100
43 31.6 22.9 34.3
58 60.6 49.8 74.8

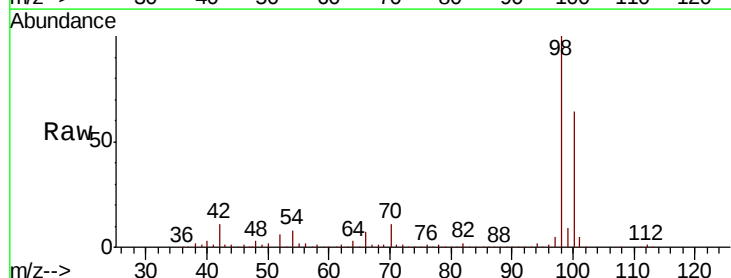


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

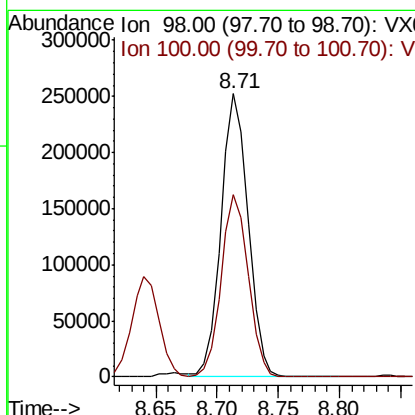
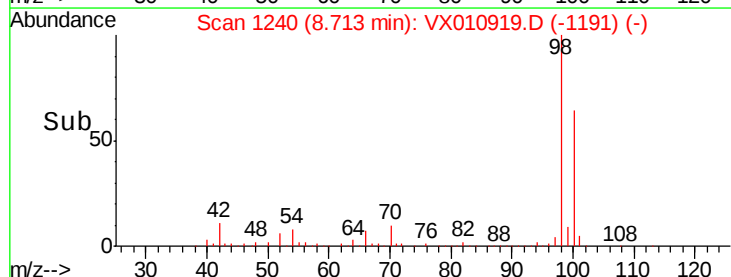


#50
Toluene-d8
Concen: 47.322 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX010919.D
Acq: 16 Jul 2019 20:12

Tgt Ion: 98 Resp: 387589
Ion Ratio Lower Upper
98 100
100 64.3 50.6 75.8



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: 267.082 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX010919.D

Acq: 16 Jul 2019 20:12

Instrument :

MSVOA_X

ClientSampleId :

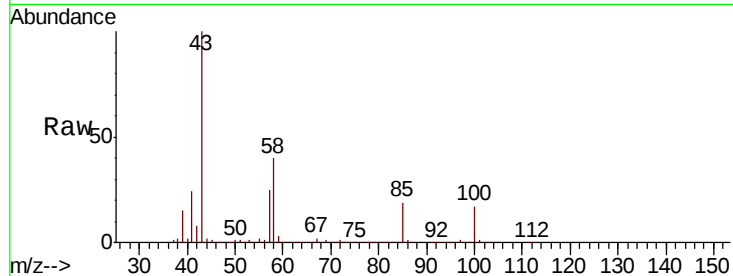
FL-0604MS

Tot Ion: 43 Resp: 823820

Ion Ratio Lower Upper

43 100

58 39.7 32.2 48.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

600000

500000

400000

300000

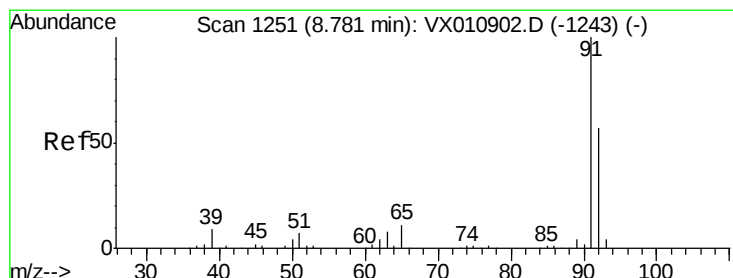
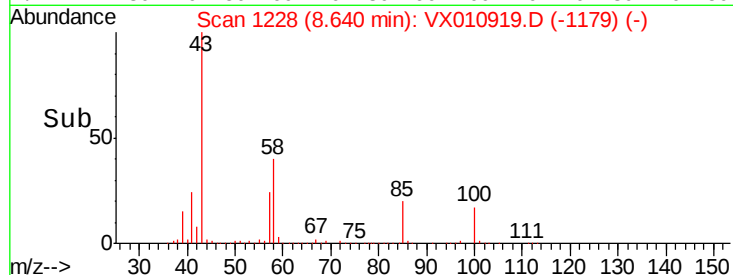
200000

100000

0

8.60 8.70 8.80

Time-->



#52

Toluene

Concen: 50.888 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX010919.D

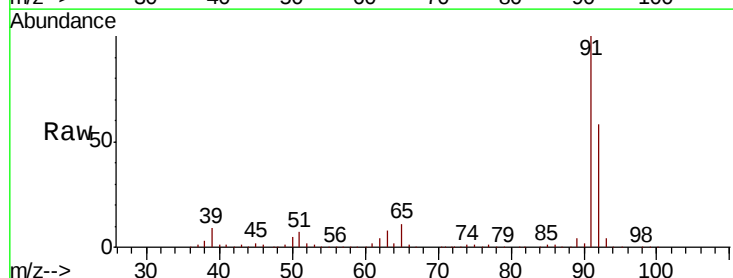
Acq: 16 Jul 2019 20:12

Tgt Ion: 92 Resp: 289395

Ion Ratio Lower Upper

92 100

91 175.1 139.4 209.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.78

300000

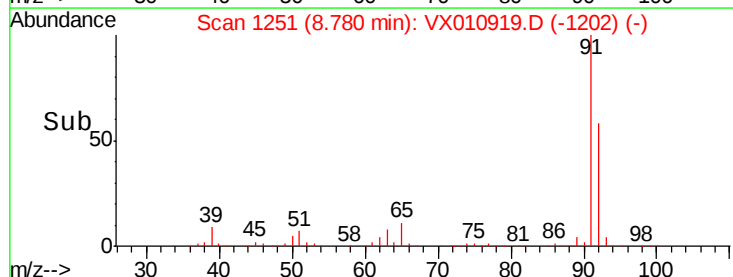
200000

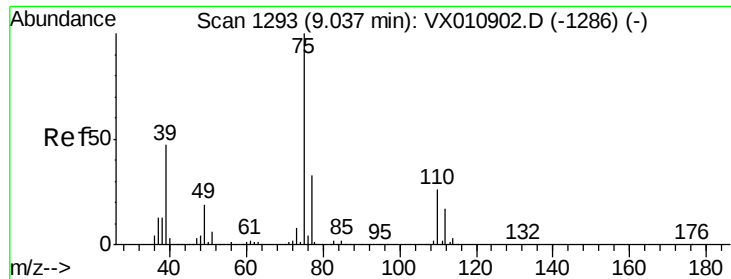
100000

0

8.70 8.80 8.90

Time-->





#53

t-1,3-Dichloropropene

Concen: 52.697 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.01 min

Lab File: VX010919.D

Acq: 16 Jul 2019 20:12

Instrument :

MSVOA_X

ClientSampleId :

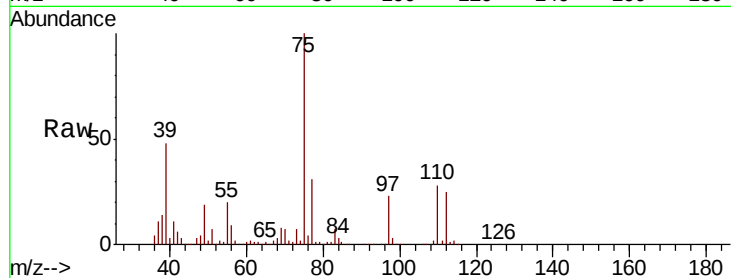
FL-0604MS

Tot Ion: 75 Resp: 158803

Ion Ratio Lower Upper

75 100

77 31.2 26.2 39.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

120000

100000

80000

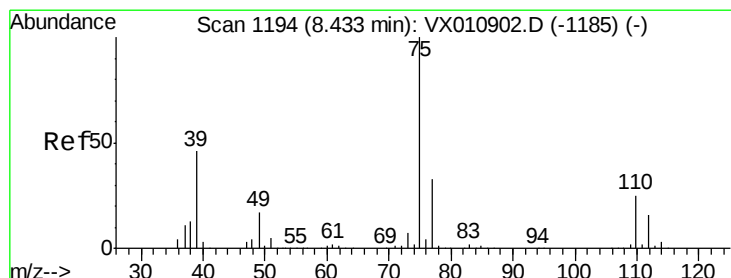
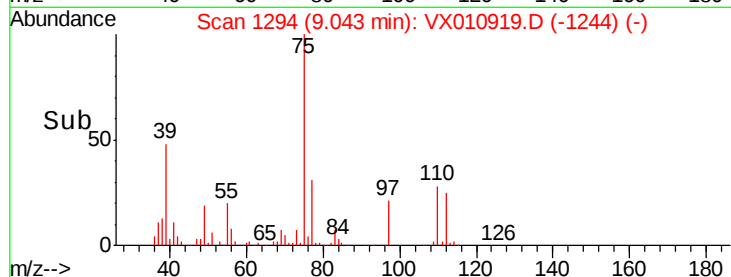
60000

40000

20000

0

Time--> 8.95 9.00 9.05 9.10 9.15



#54

cis-1,3-Dichloropropene

Concen: 51.960 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX010919.D

Acq: 16 Jul 2019 20:12

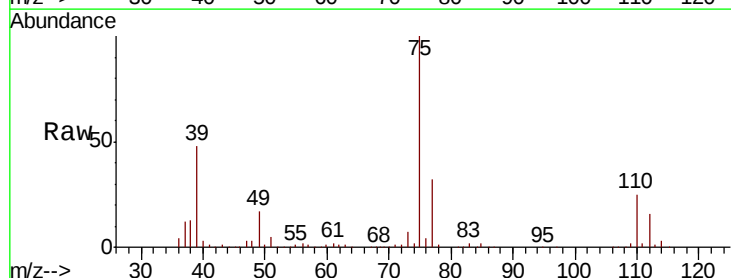
Tgt Ion: 75 Resp: 174236

Ion Ratio Lower Upper

75 100

77 32.1 26.1 39.1

39 47.0 36.6 54.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

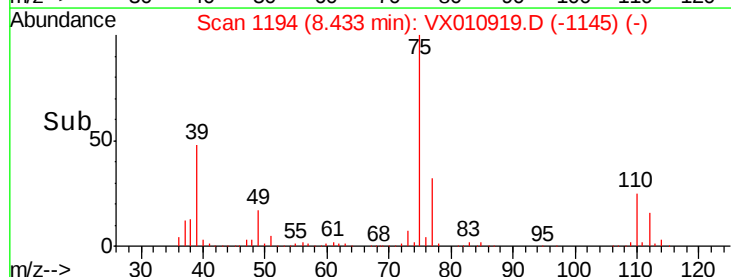
150000

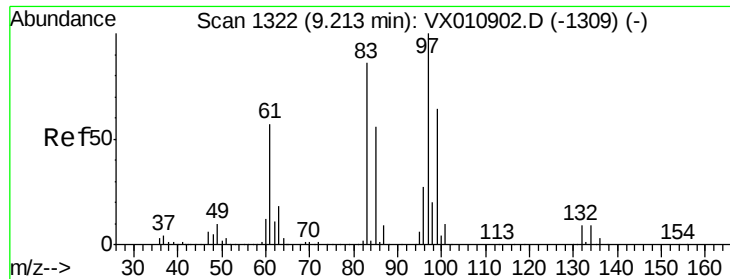
100000

50000

0

Time--> 8.40 8.50 8.60





#55

1,1,2-Trichloroethane

Concen: 50.116 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX010919.D

Acq: 16 Jul 2019 20:12

Instrument :

MSVOA_X

ClientSampleId :

FL-0604MS

Tot Ion: 97 Resp: 117351

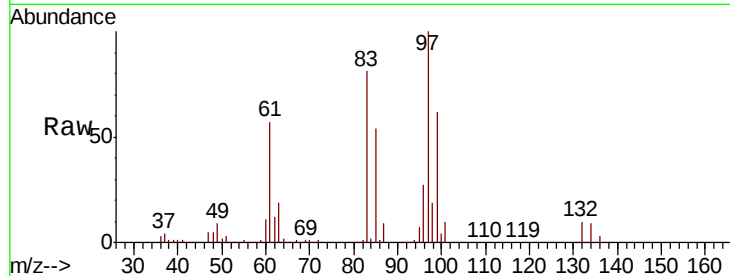
Ion Ratio Lower Upper

97 100

83 81.0 69.2 103.8

85 53.5 44.6 66.8

99 61.9 51.2 76.8

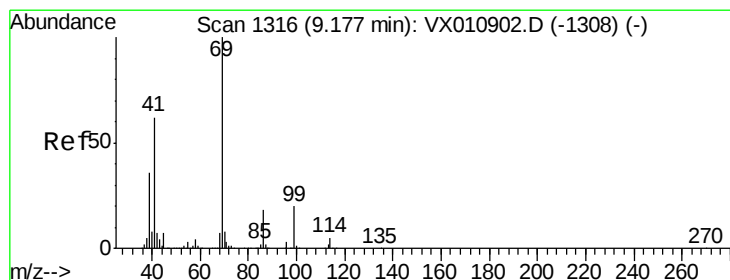
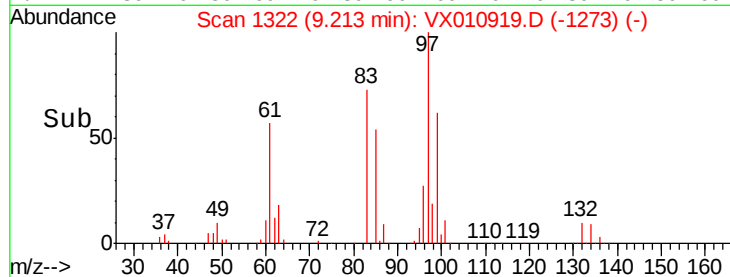
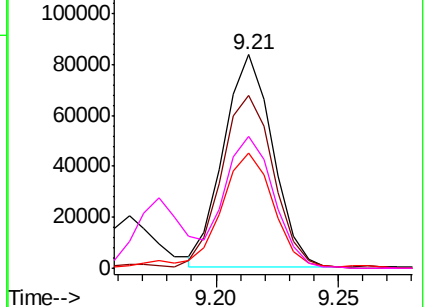


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 56.465 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX010919.D

Acq: 16 Jul 2019 20:12

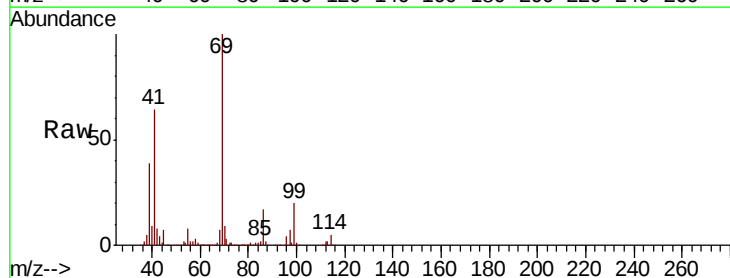
Tgt Ion: 69 Resp: 193400

Ion Ratio Lower Upper

69 100

41 65.4 49.7 74.5

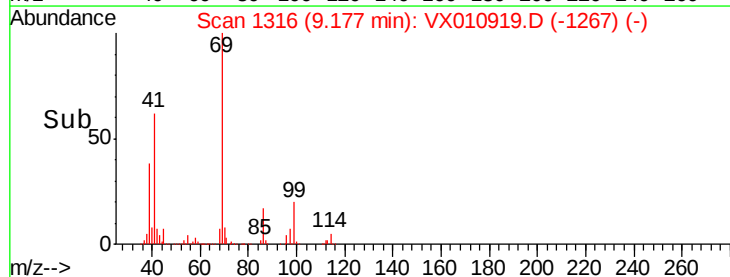
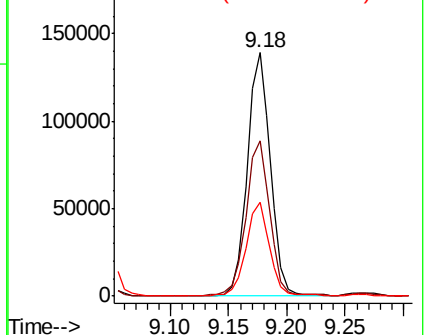
39 38.9 29.6 44.4

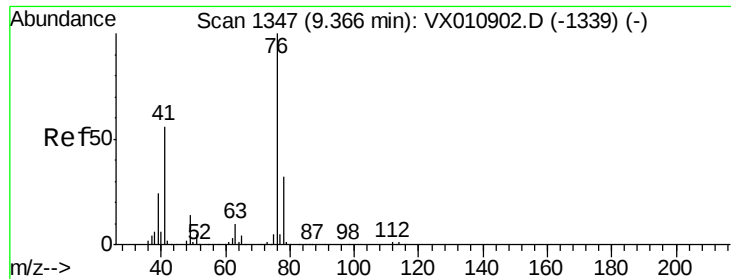


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 51.823 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.00 min

Lab File: VX010919.D

Acq: 16 Jul 2019 20:12

Instrument :

MSVOA_X

ClientSampleId :

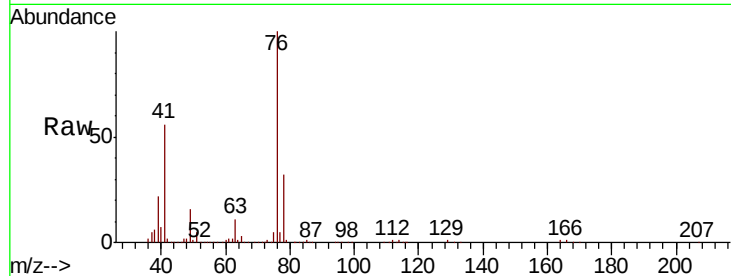
FL-0604MS

Tot Ion: 76 Resp: 192501

Ion Ratio Lower Upper

76 100

78 32.0 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

150000

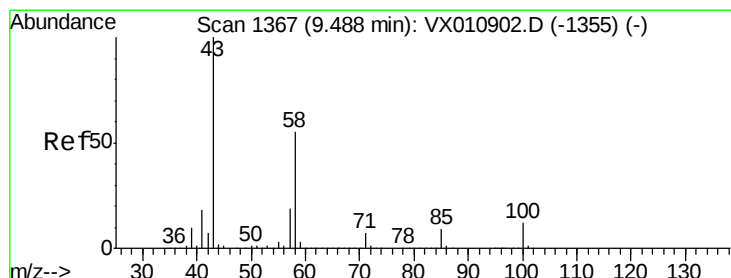
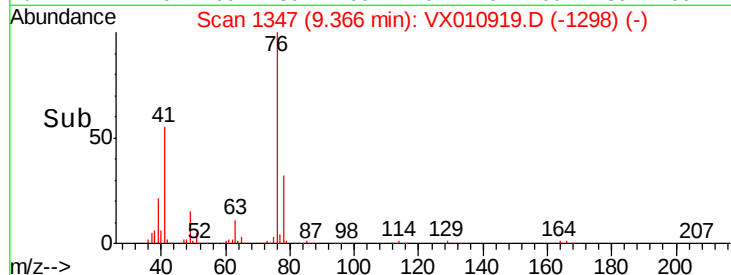
100000

50000

0

9.30 9.40 9.50

Time-->



#59

2-Hexanone

Concen: 267.114 ug/l

RT: 9.49 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VX010919.D

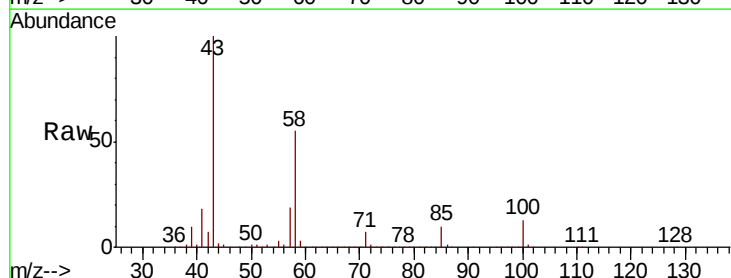
Acq: 16 Jul 2019 20:12

Tgt Ion: 43 Resp: 639045

Ion Ratio Lower Upper

43 100

58 56.3 28.0 83.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

9.49

500000

400000

300000

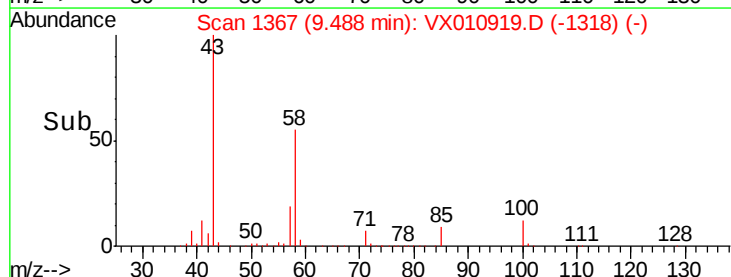
200000

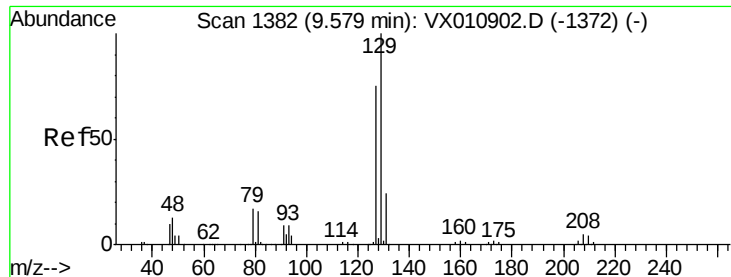
100000

0

9.45 9.50 9.55

Time-->





#60

Dibromochloromethane

Concen: 48.443 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VX010919.D

Acq: 16 Jul 2019 20:12

Instrument :

MSVOA_X

ClientSampleId :

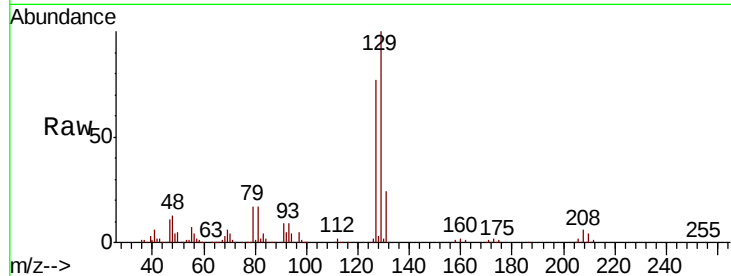
FL-0604MS

Tot Ion:129 Resp: 130323

Ion Ratio Lower Upper

129 100

127 77.0 38.6 115.8



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.58

100000

80000

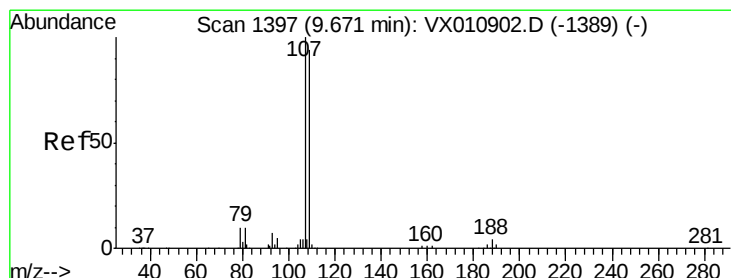
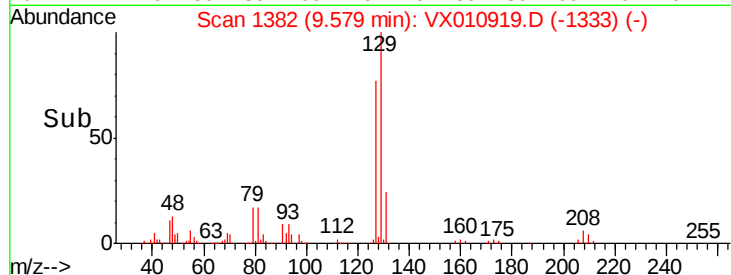
60000

40000

20000

0

Time-->



#61

1,2-Dibromoethane

Concen: 53.091 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX010919.D

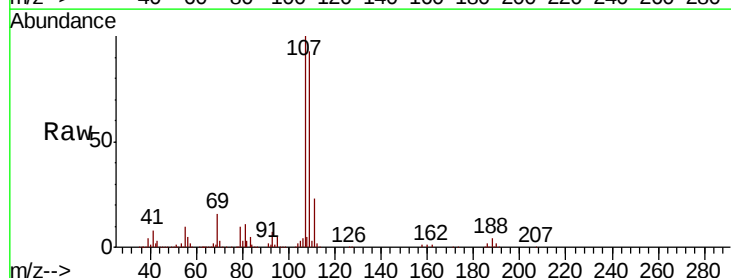
Acq: 16 Jul 2019 20:12

Tgt Ion:107 Resp: 131932

Ion Ratio Lower Upper

107 100

109 94.4 75.4 113.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

100000

80000

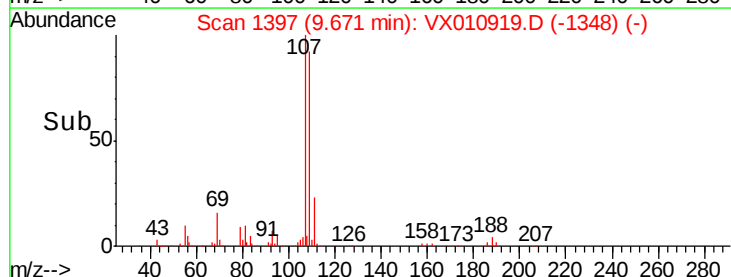
60000

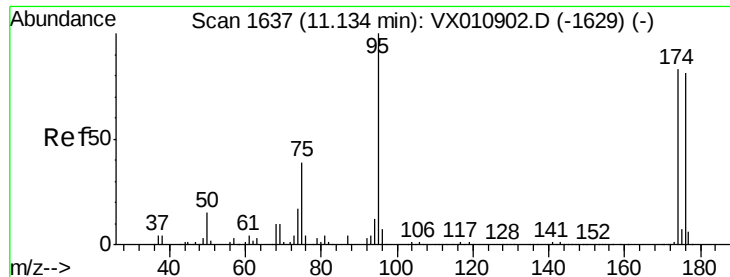
40000

20000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 49.435 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX010919.D

Acq: 16 Jul 2019 20:12

Instrument :

MSVOA_X

ClientSampleId :

FL-0604MS

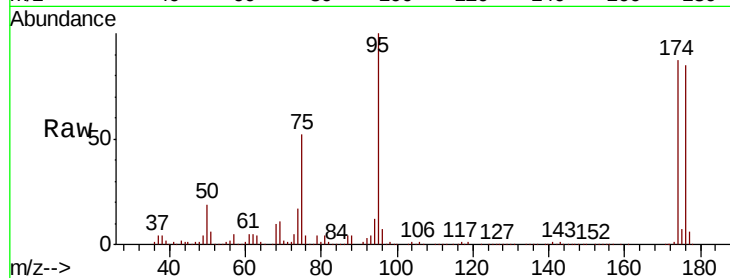
Tot Ion: 95 Resp: 148828

Ion Ratio Lower Upper

95 100

174 90.8 0.0 180.6

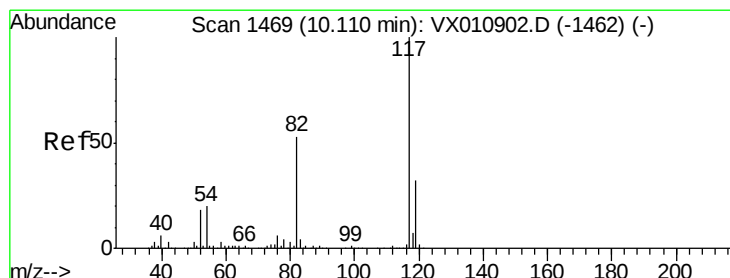
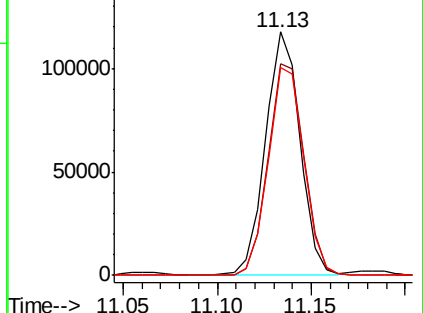
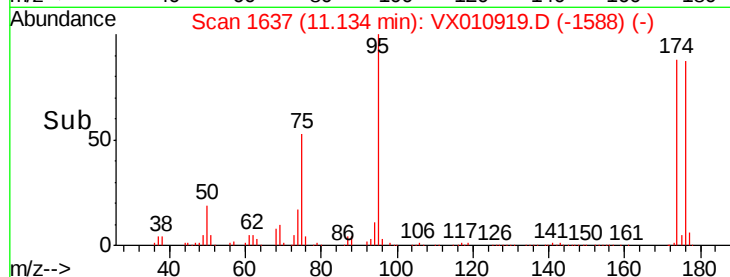
176 88.6 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VX010919.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX010919.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX010919.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX010919.D

Acq: 16 Jul 2019 20:12

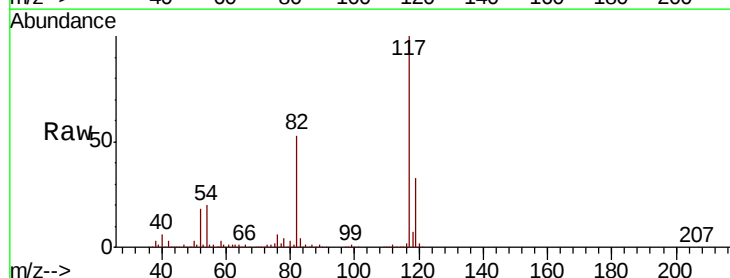
Tgt Ion: 117 Resp: 317761

Ion Ratio Lower Upper

117 100

82 52.6 42.6 63.8

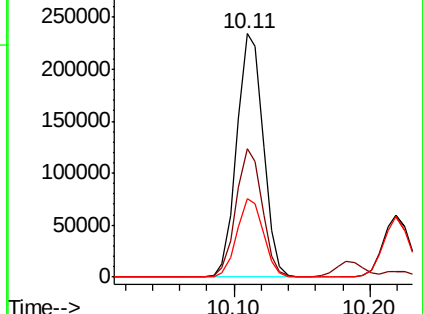
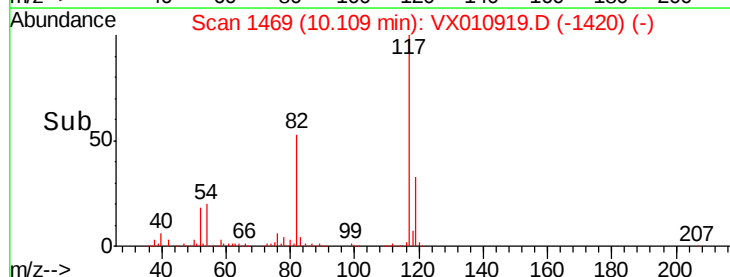
119 32.5 25.9 38.9

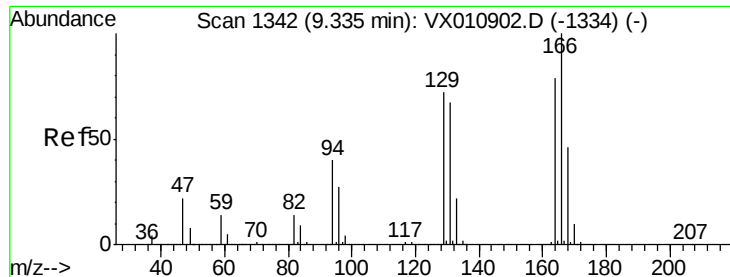


Abundance Ion 116.90 (116.60 to 117.60): VX010919.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX010919.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX010919.D (-1420) (-)





#64

Tetrachloroethene

Concen: 45.621 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX010919.D

Acq: 16 Jul 2019 20:12

Instrument :

MSVOA_X

ClientSampleId :

FL-0604MS

Tot Ion:164 Resp: 114043

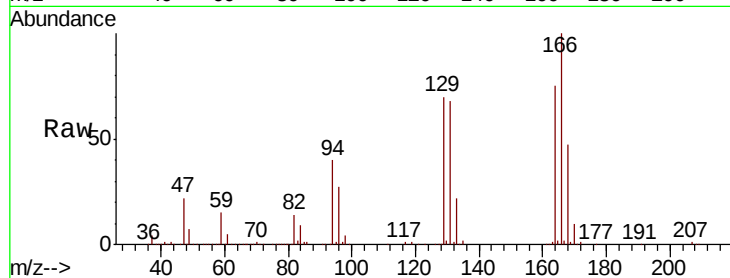
Ion Ratio Lower Upper

164 100

166 132.5 100.8 151.2

129 93.2 72.6 109.0

131 90.1 67.7 101.5

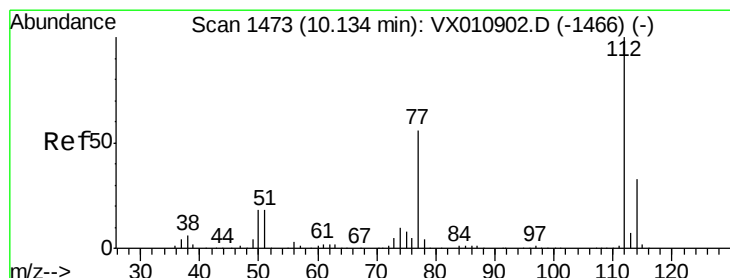
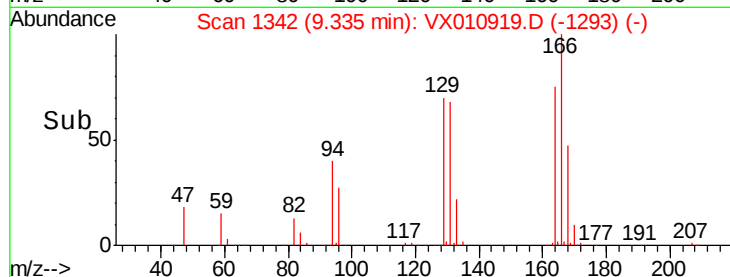
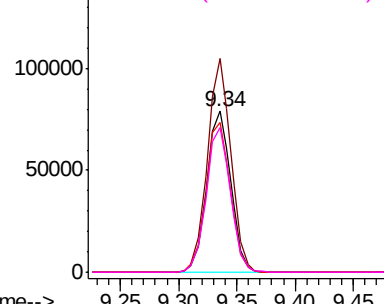


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 50.201 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.00 min

Lab File: VX010919.D

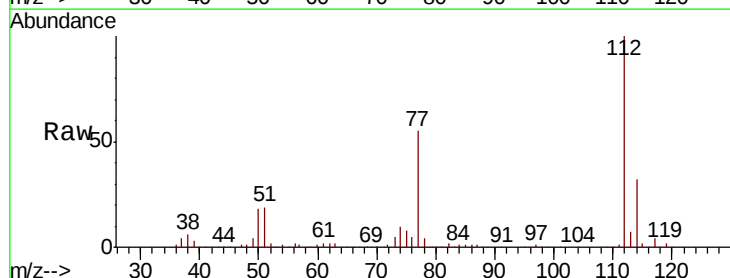
Acq: 16 Jul 2019 20:12

Tgt Ion:112 Resp: 327639

Ion Ratio Lower Upper

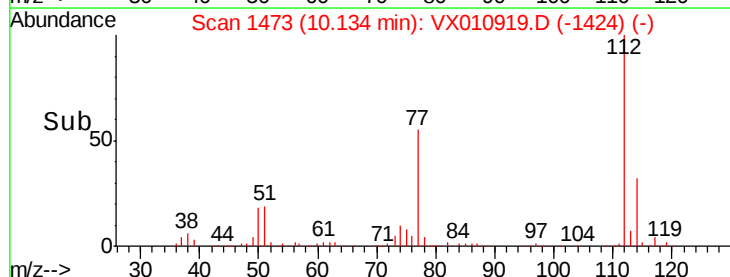
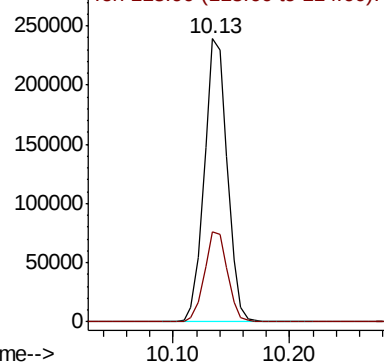
112 100

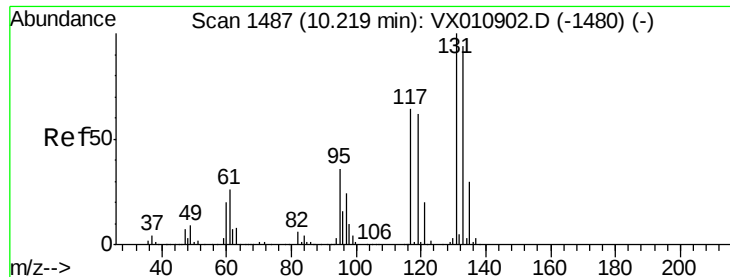
114 32.0 26.2 39.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

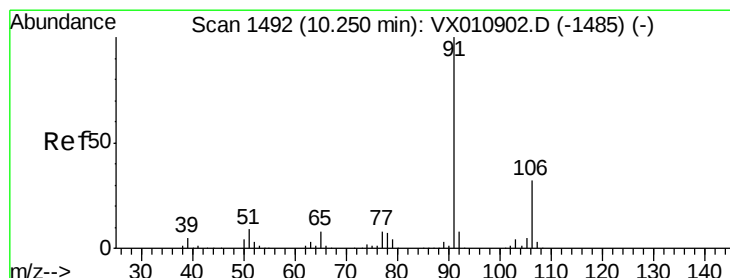
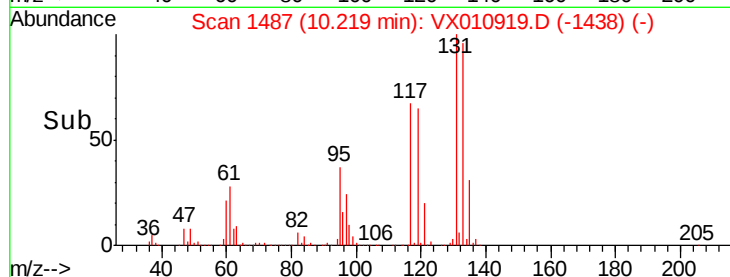
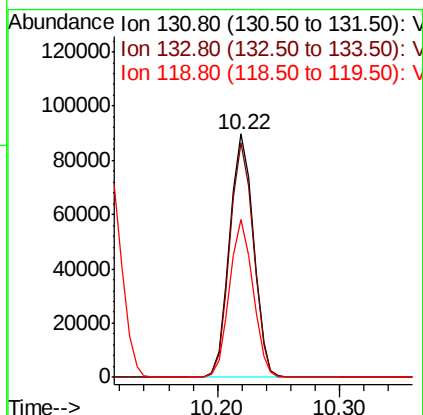
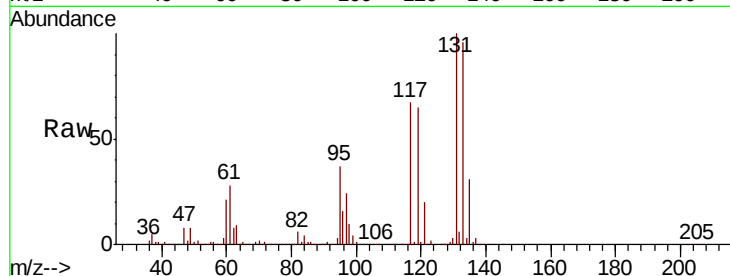




#66
 1,1,1,2-Tetrachloroethane
 Concen: 52.881 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VX010919.D
 Acq: 16 Jul 2019 20:12

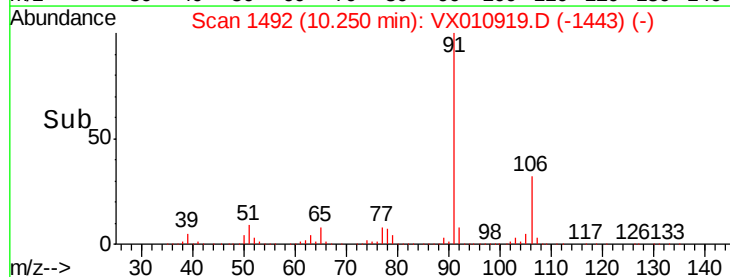
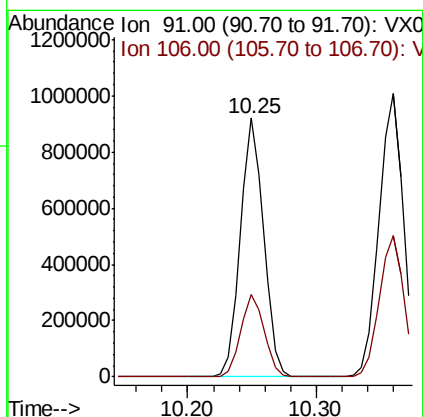
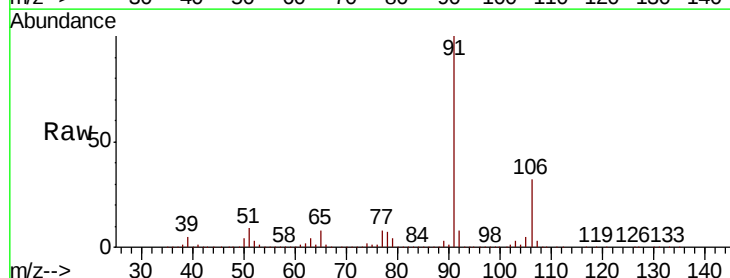
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0604MS

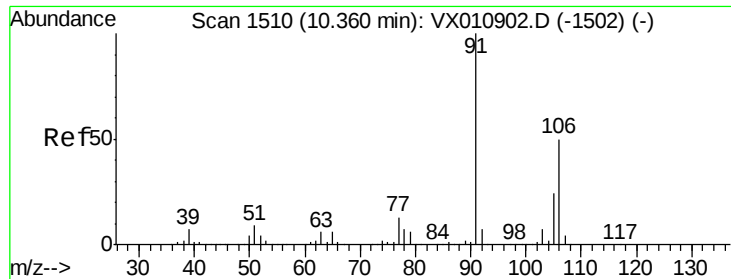
Tot Ion:131 Resp: 121297
 Ion Ratio Lower Upper
 131 100
 133 95.6 47.1 141.4
 119 63.8 31.9 95.7



#67
 Ethyl Benzene
 Concen: 103.439 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: VX010919.D
 Acq: 16 Jul 2019 20:12

Tgt Ion: 91 Resp: 1149097
 Ion Ratio Lower Upper
 91 100
 106 32.0 25.4 38.2

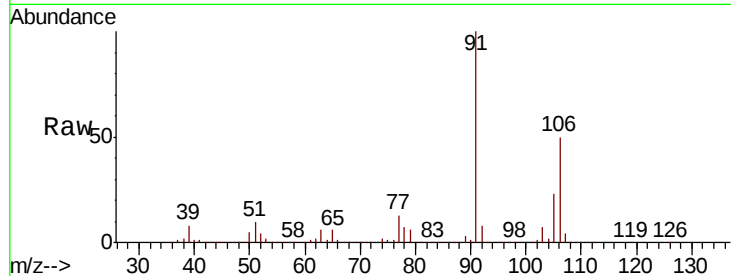




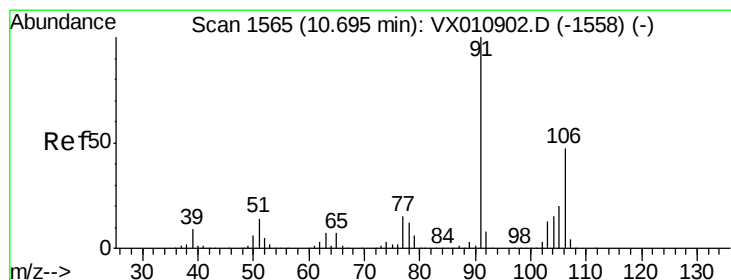
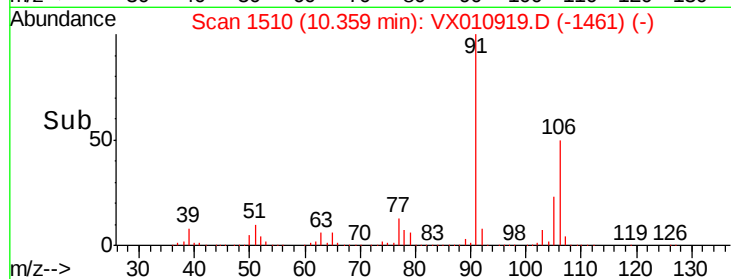
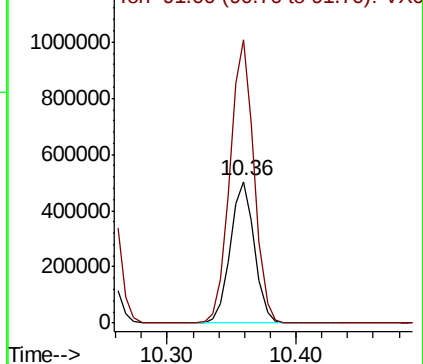
#68
m/p-Xylenes
Concen: 154.714 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX010919.D
Acq: 16 Jul 2019 20:12

Instrument :
MSVOA_X
ClientSampled :
FL-0604MS

Tot Ion:106 Resp: 659284
Ion Ratio Lower Upper
106 100
91 199.9 160.1 240.1

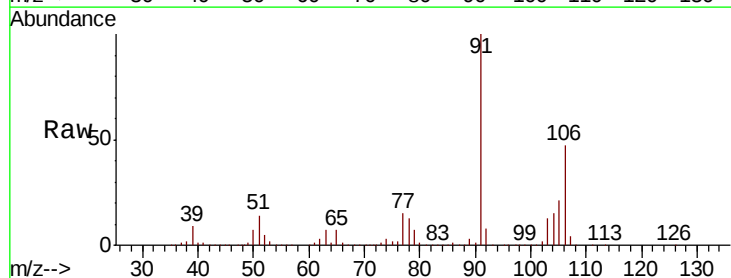


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

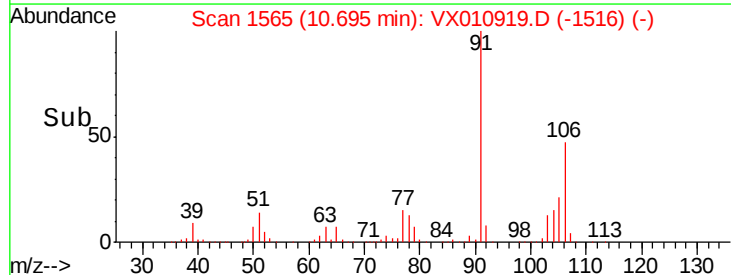
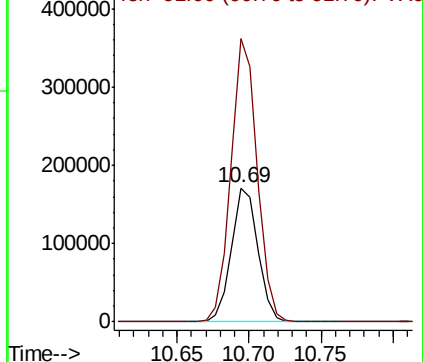


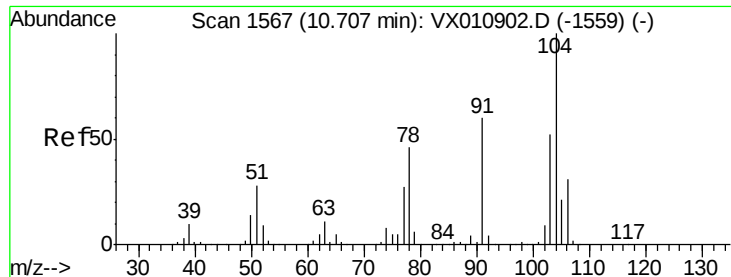
#69
o-Xylene
Concen: 53.549 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010919.D
Acq: 16 Jul 2019 20:12

Tgt Ion:106 Resp: 222702
Ion Ratio Lower Upper
106 100
91 208.5 105.1 315.3



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

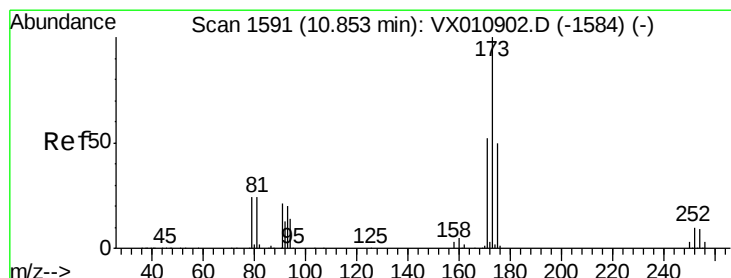
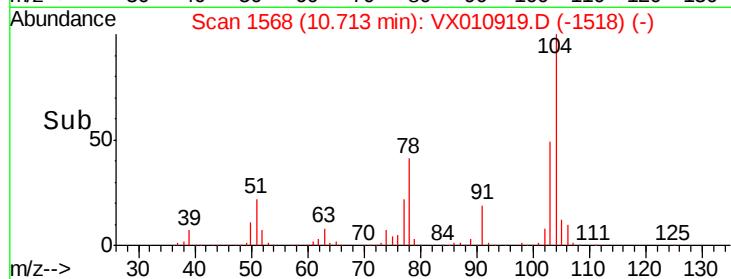
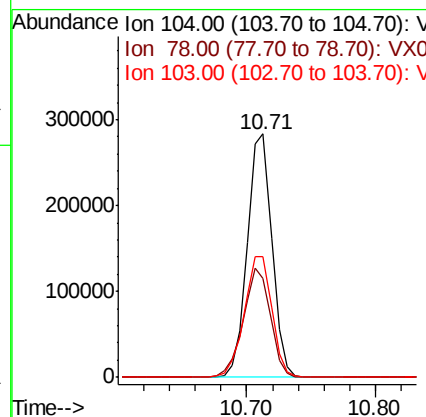
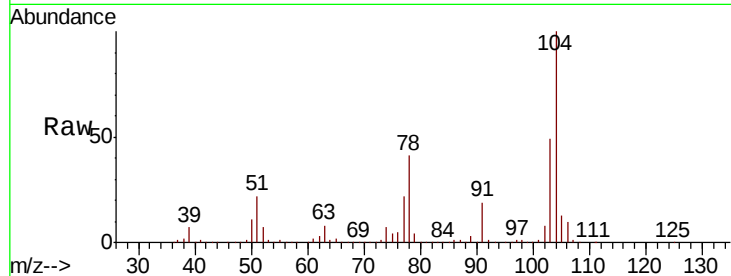




#70
Stvrene
Concen: 53.698 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.01 min
Lab File: VX010919.D
Acq: 16 Jul 2019 20:12

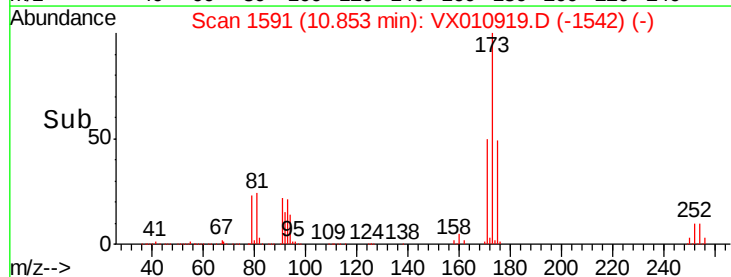
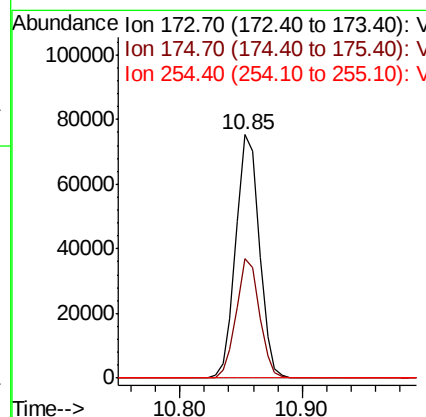
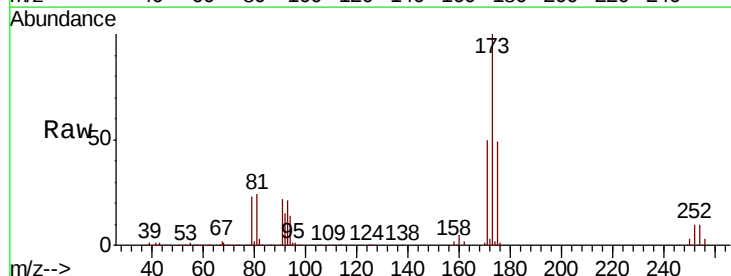
Instrument :
MSVOA_X
ClientSampleId :
FL-0604MS

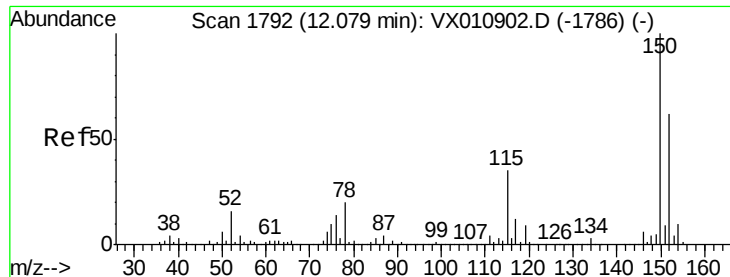
Tot Ion:104 Resp: 372279
Ion Ratio Lower Upper
104 100
78 49.1 38.8 58.2
103 55.5 44.2 66.4



#71
Bromoform
Concen: 47.848 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX010919.D
Acq: 16 Jul 2019 20:12

Tgt Ion:173 Resp: 99690
Ion Ratio Lower Upper
173 100
175 48.4 24.6 73.6
254 0.2 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX010919.D

Acq: 16 Jul 2019 20:12

Instrument :

MSVOA_X

ClientSampleId :

FL-0604MS

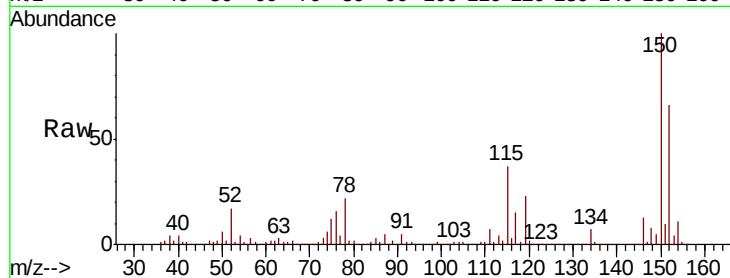
Tot Ion:152 Resp: 178222

Ion Ratio Lower Upper

152 100

115 82.0 39.7 119.1

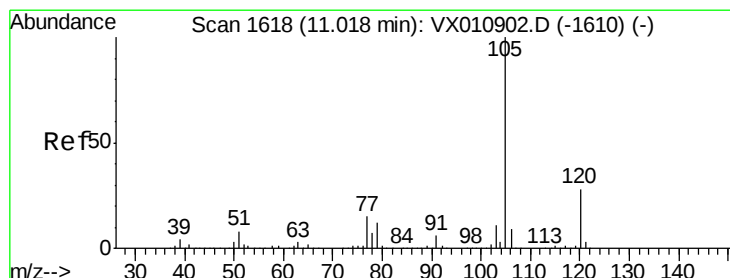
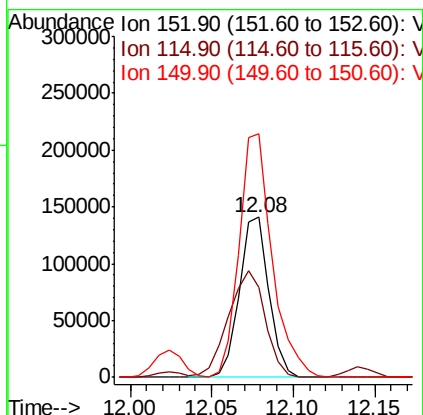
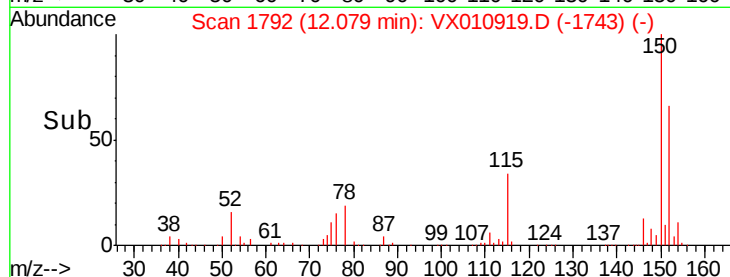
150 169.5 0.0 345.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 70.749 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010919.D

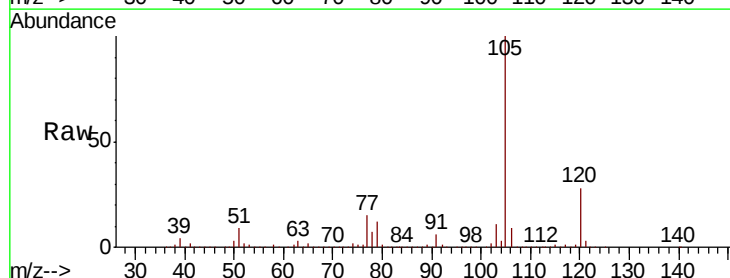
Acq: 16 Jul 2019 20:12

Tgt Ion:105 Resp: 851985

Ion Ratio Lower Upper

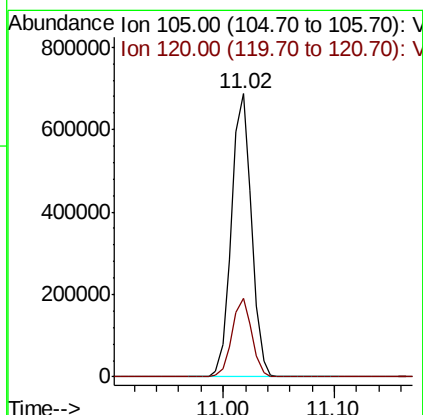
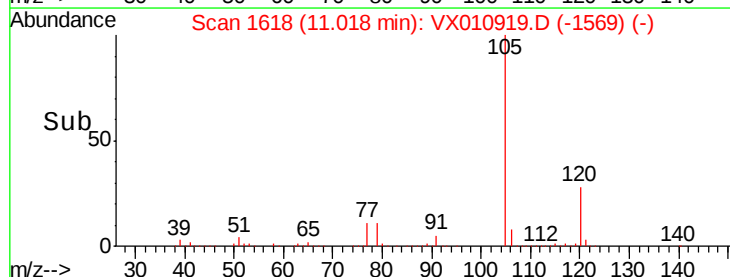
105 100

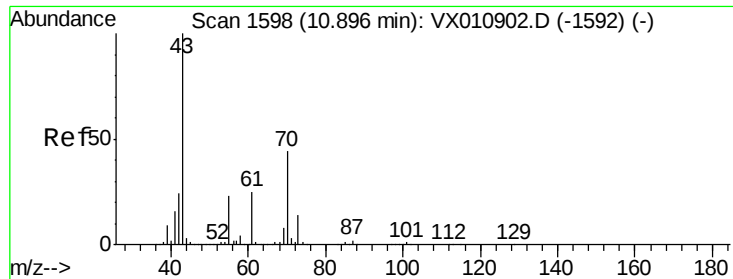
120 27.4 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 46.335 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX010919.D

Acq: 16 Jul 2019 20:12

Instrument :

MSVOA_X

ClientSampled :

FL-0604MS

Tot Ion: 43 Resp: 213202

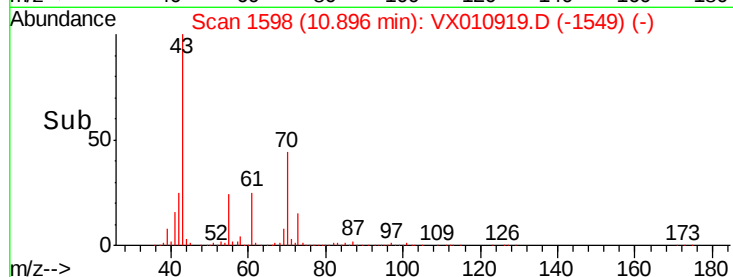
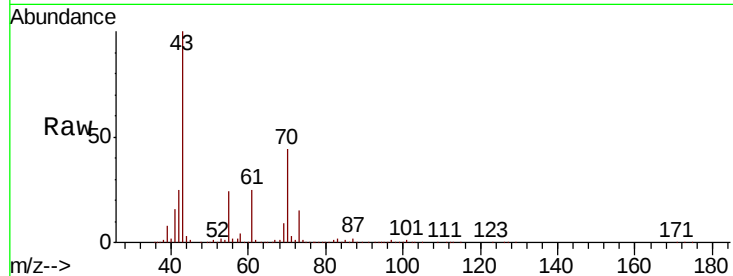
Ion Ratio Lower Upper

43 100

70 44.4 34.7 52.1

55 28.5 19.1 28.7

61 24.6 19.9 29.9

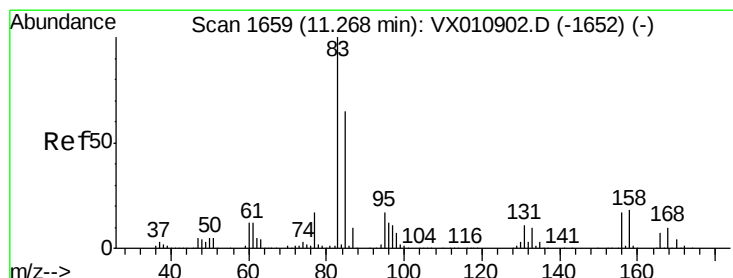
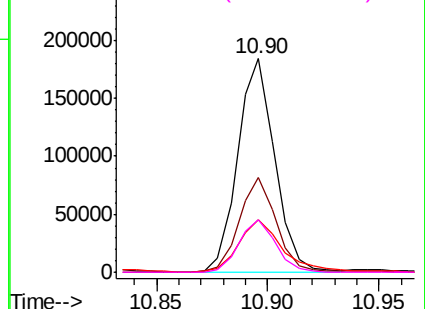


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 49.765 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX010919.D

Acq: 16 Jul 2019 20:12

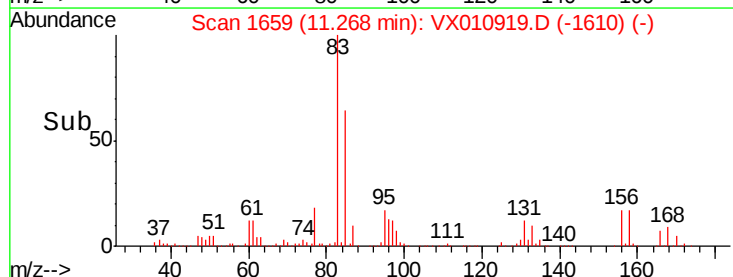
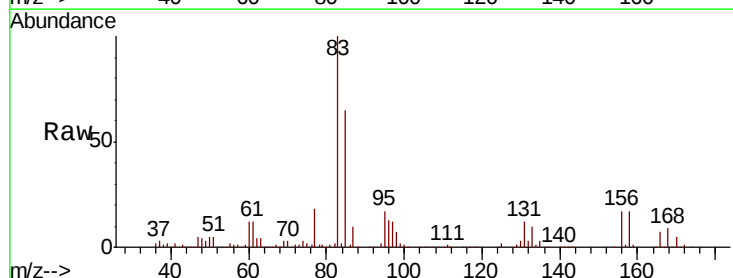
Tgt Ion: 83 Resp: 196123

Ion Ratio Lower Upper

83 100

131 11.2 5.5 16.4

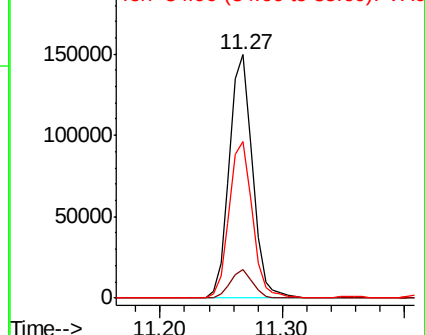
85 64.5 32.3 96.9

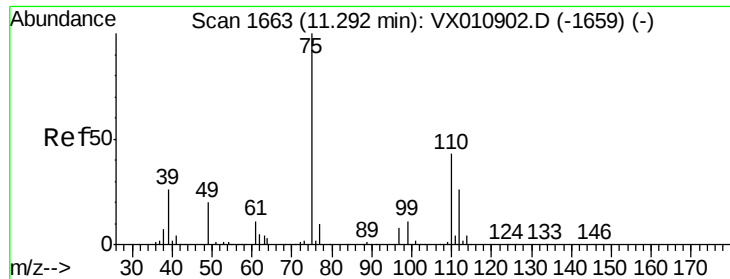


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

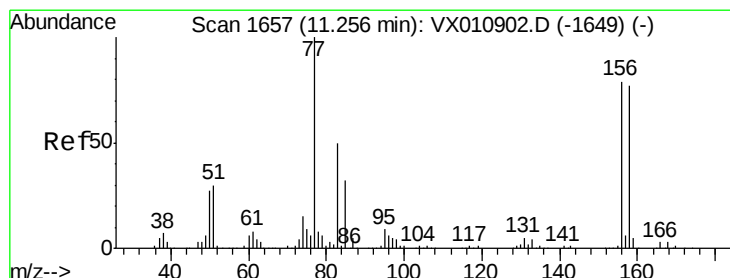
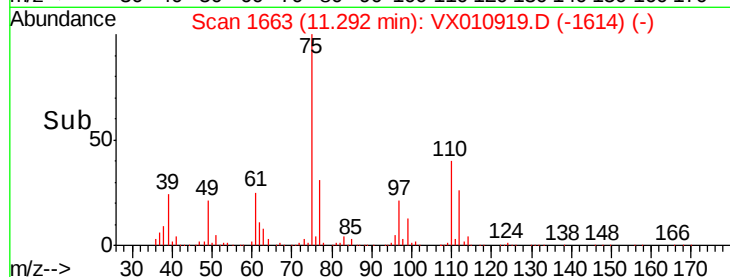
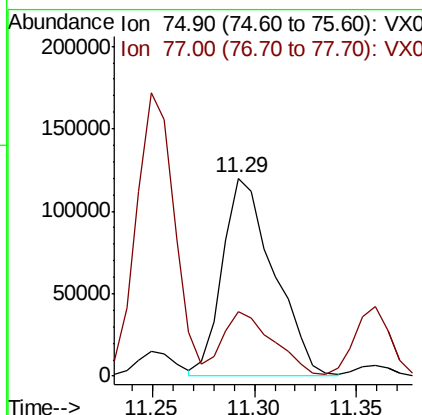
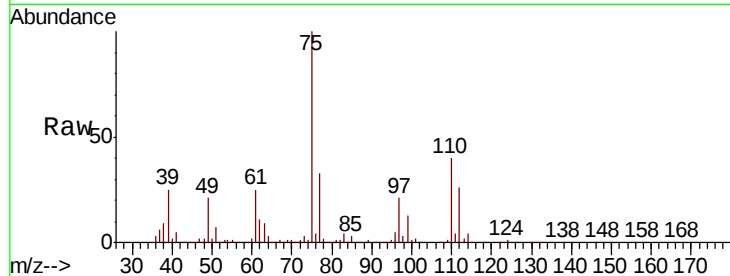




#76
 1,2,3-Trichloropropane
 Concen: 65.121 ug/l
 RT: 11.29 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: VX010919.D
 Acq: 16 Jul 2019 20:12

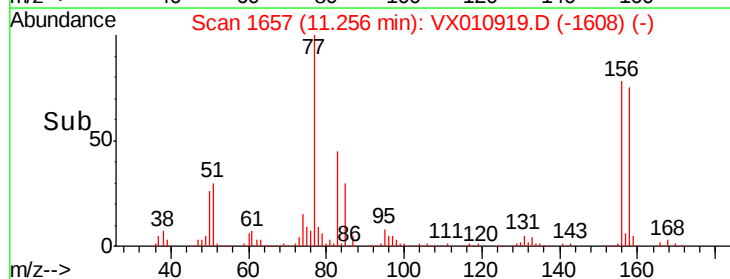
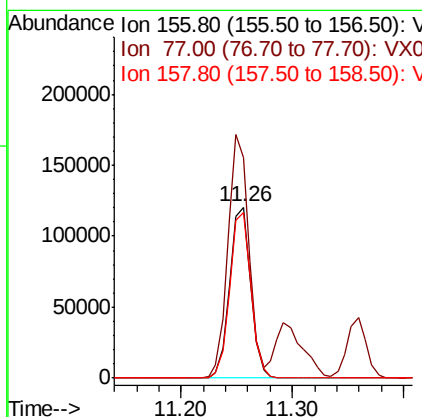
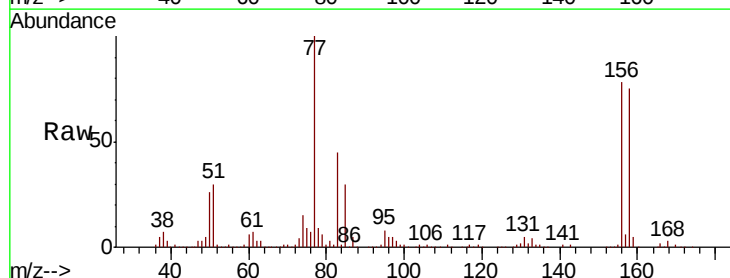
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0604MS

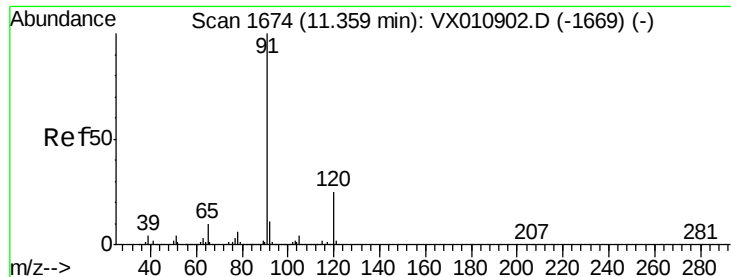
Tot Ion: 75 Resp: 209437
 Ion Ratio Lower Upper
 75 100
 77 32.2 21.3 64.0



#77
 Bromobenzene
 Concen: 47.288 ug/l
 RT: 11.26 min Scan# 1657
 Delta R.T. -0.00 min
 Lab File: VX010919.D
 Acq: 16 Jul 2019 20:12

Tgt Ion: 156 Resp: 157079
 Ion Ratio Lower Upper
 156 100
 77 141.2 68.7 206.1
 158 97.9 47.9 143.7





#78

n-propylbenzene

Concen: 95.715 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010919.D

Acq: 16 Jul 2019 20:12

Instrument :

MSVOA_X

ClientSampled :

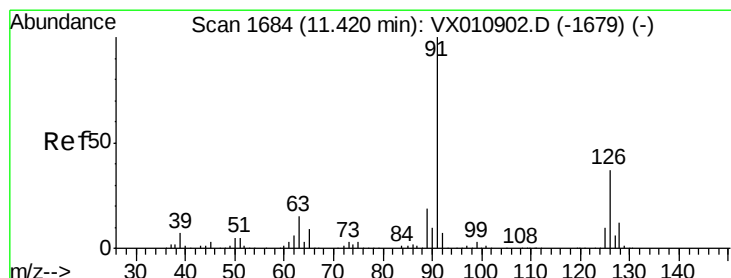
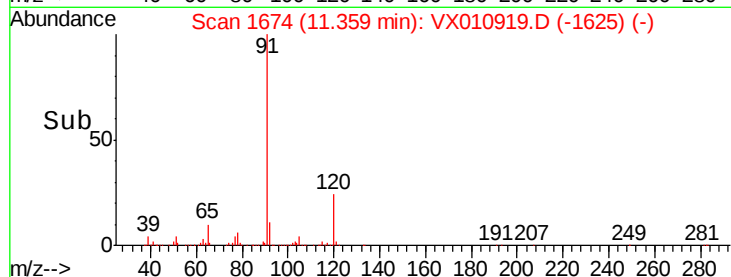
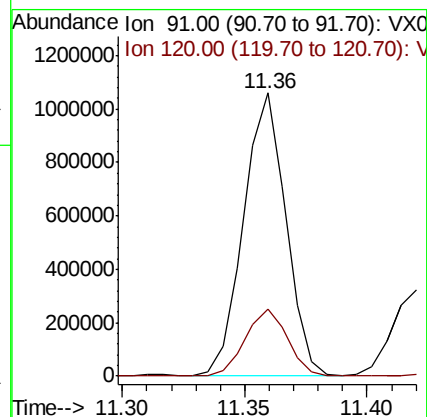
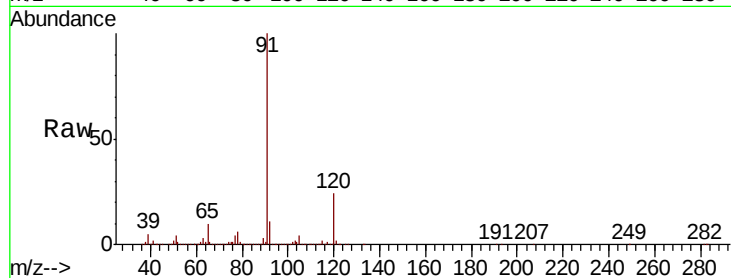
FL-0604MS

Tot Ion: 91 Resp: 1273578

Ion Ratio Lower Upper

91 100

120 23.9 12.3 36.8



#79

2-Chlorotoluene

Concen: 52.745 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX010919.D

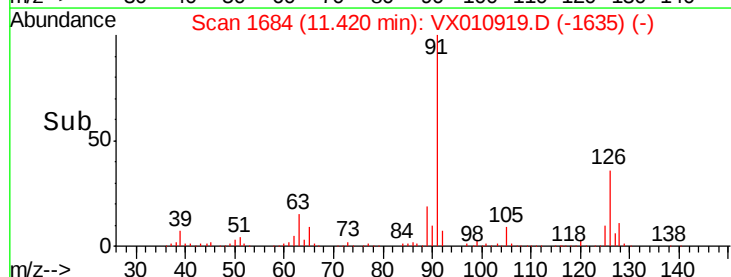
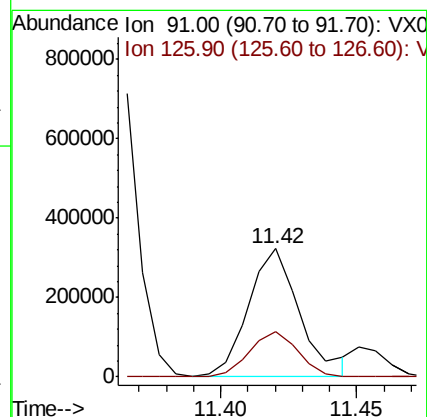
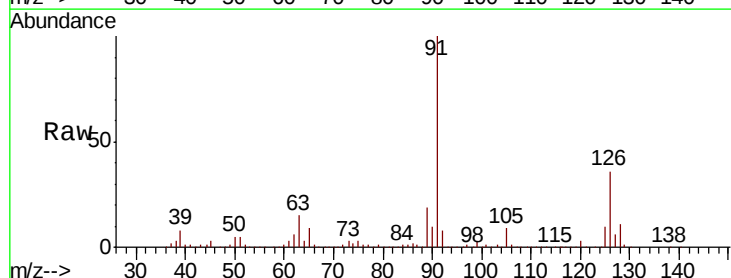
Acq: 16 Jul 2019 20:12

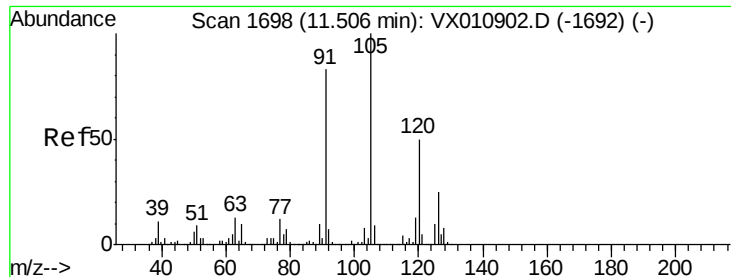
Tgt Ion: 91 Resp: 421595

Ion Ratio Lower Upper

91 100

126 33.4 18.0 54.0





#80

1,3,5-Trimethylbenzene

Concen: 105.695 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010919.D

Acq: 16 Jul 2019 20:12

Instrument :

MSVOA_X

ClientSampled :

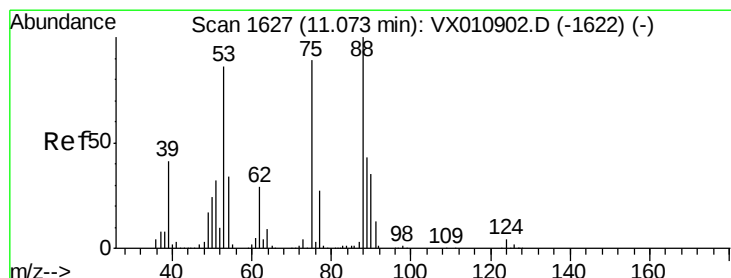
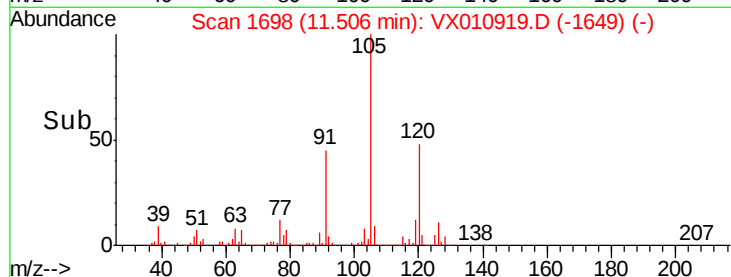
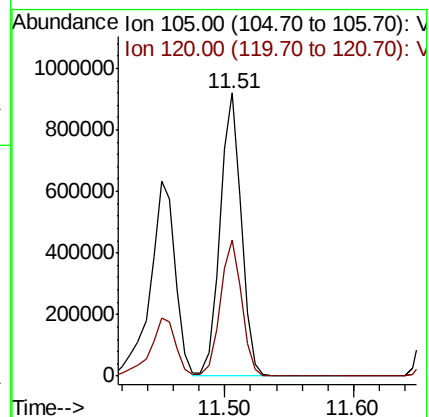
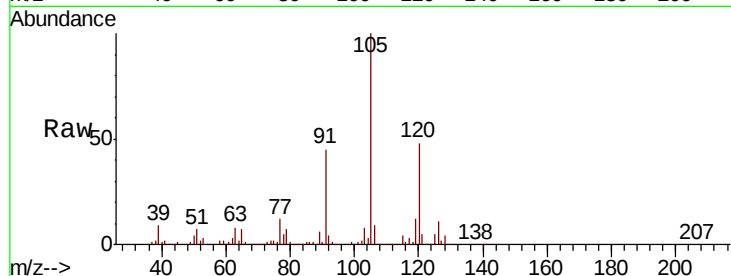
FL-0604MS

Tot Ion:105 Resp: 1063569

Ion Ratio Lower Upper

105 100

120 48.7 24.6 73.8



#81

trans-1,4-Dichloro-2-butene

Concen: 41.904 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX010919.D

Acq: 16 Jul 2019 20:12

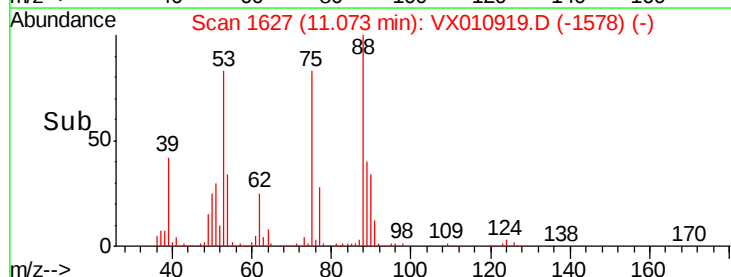
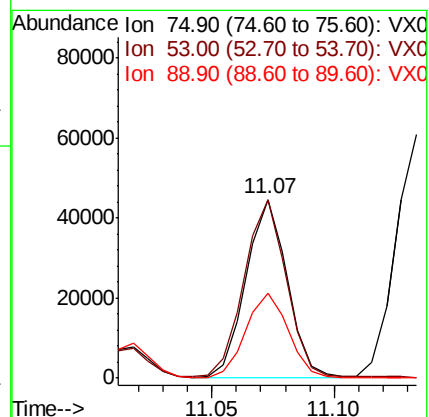
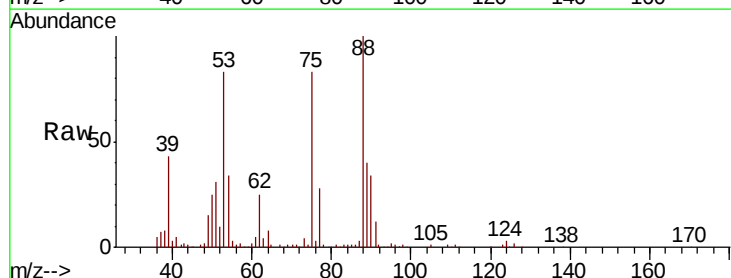
Tgt Ion: 75 Resp: 52304

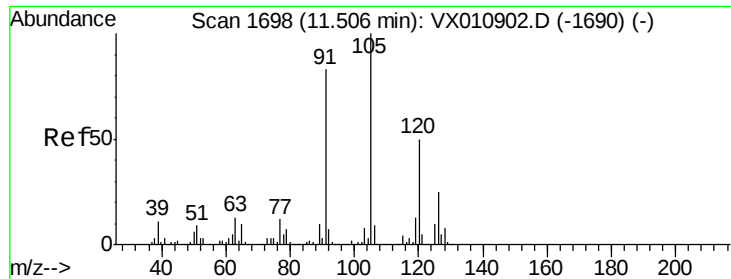
Ion Ratio Lower Upper

75 100

53 103.1 76.7 115.1

89 49.4 38.5 57.7

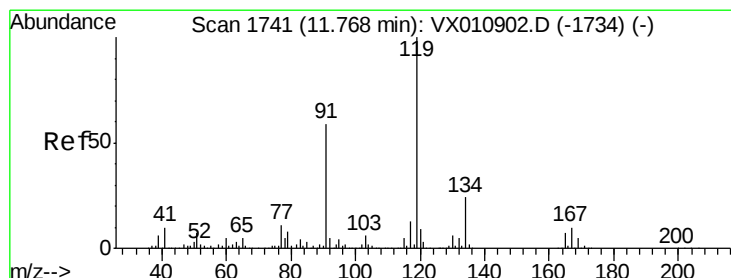
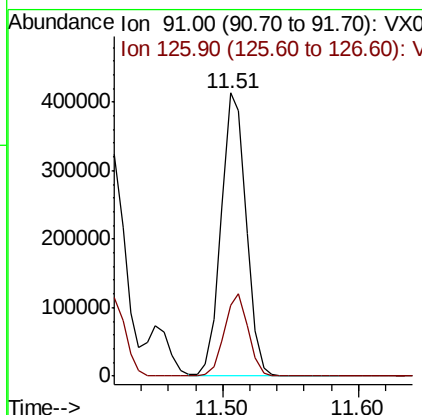
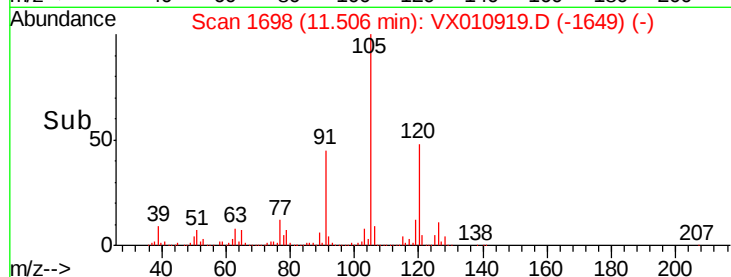
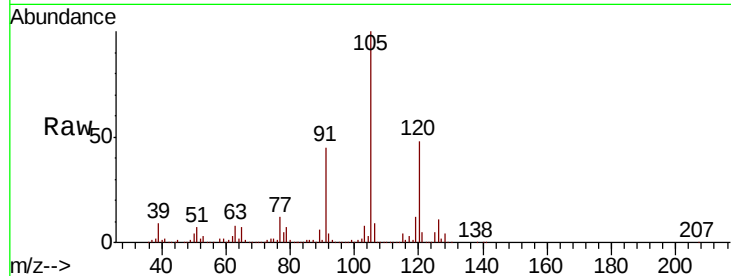




#82
4-Chlorotoluene
Concen: 56.476 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX010919.D
Acq: 16 Jul 2019 20:12

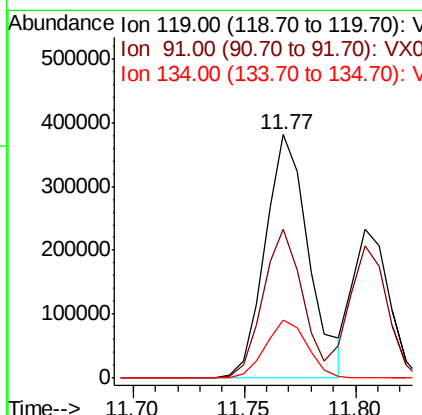
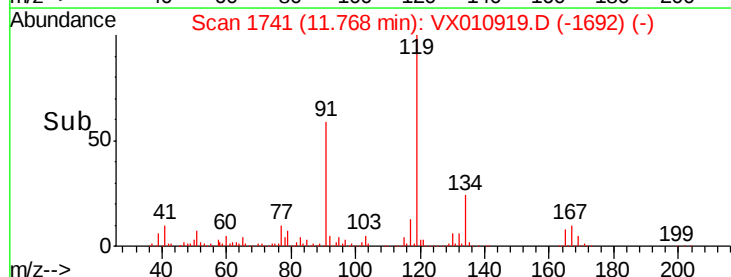
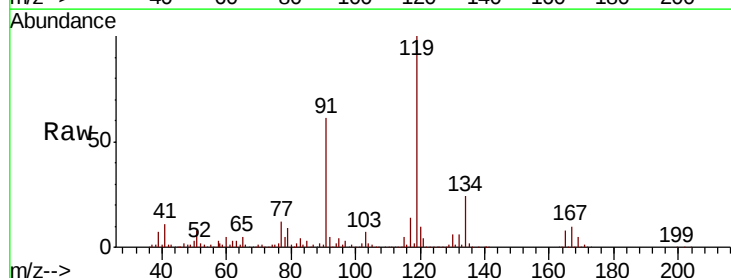
Instrument :
MSVOA_X
ClientSampleId :
FL-0604MS

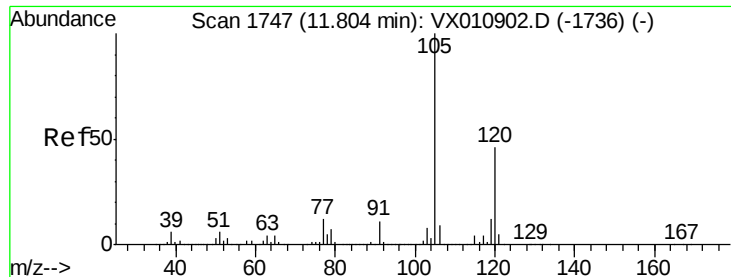
Tot Ion: 91 Resp: 525411
Ion Ratio Lower Upper
91 100
126 27.7 15.9 47.7



#83
tert-Butylbenzene
Concen: 52.469 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX010919.D
Acq: 16 Jul 2019 20:12

Tgt Ion: 119 Resp: 518604
Ion Ratio Lower Upper
119 100
91 55.5 28.6 85.8
134 22.7 11.6 34.8



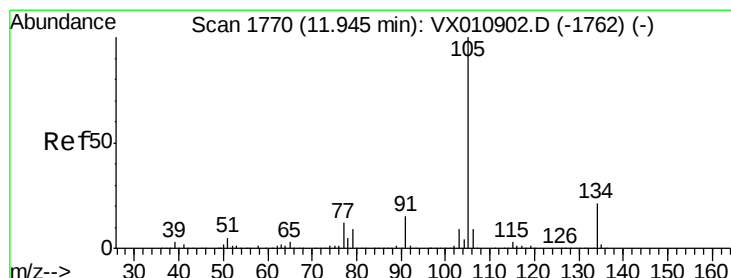
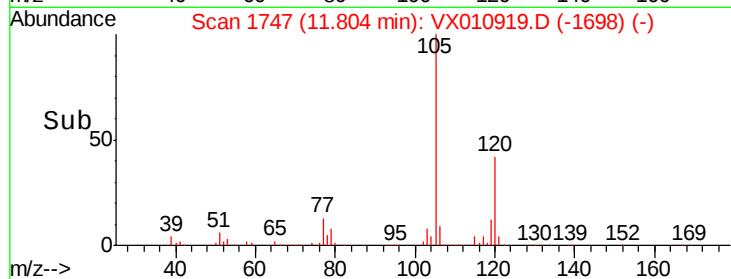
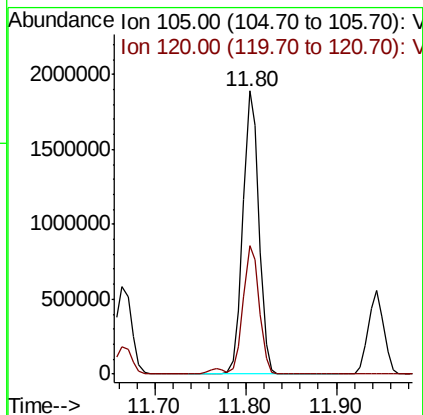
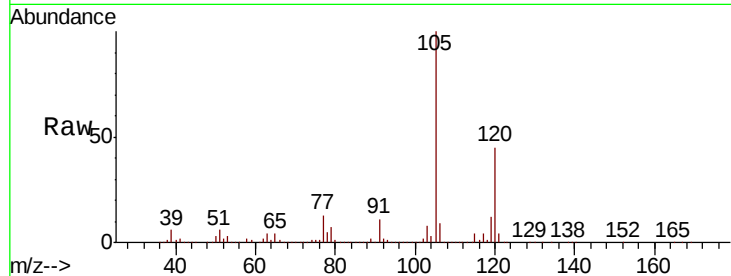


#84

1,2,4-Trimethylbenzene
Concen: 226.928 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX010919.D
Acq: 16 Jul 2019 20:12

Instrument :
MSVOA_X
ClientSampled :
FL-0604MS

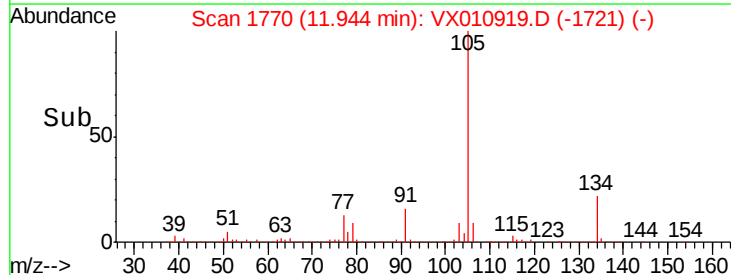
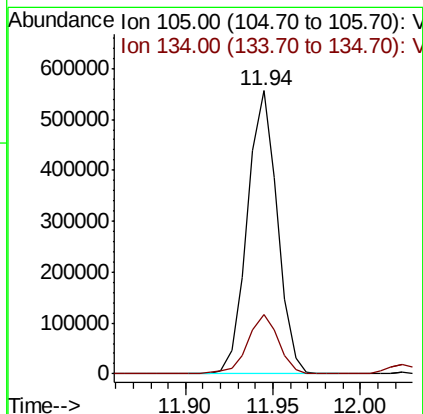
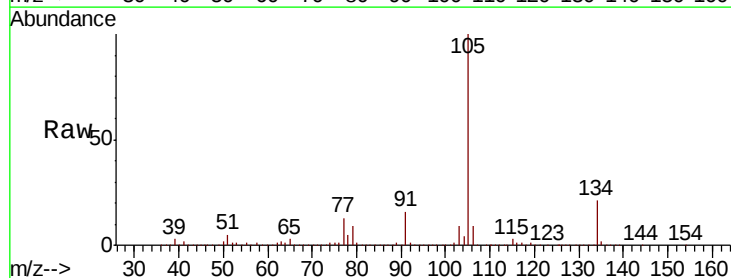
Tot Ion:105 Resp: 2301542
Ion Ratio Lower Upper
105 100
120 45.6 22.9 68.5

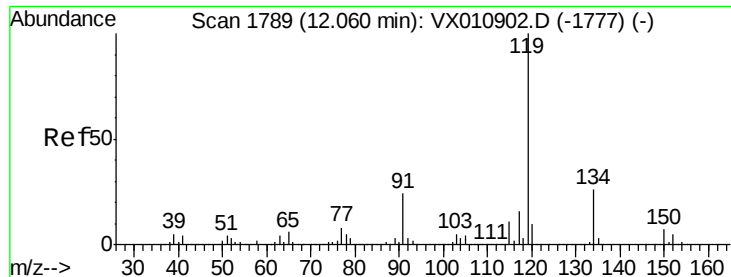


#85

sec-Butylbenzene
Concen: 56.958 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. -0.00 min
Lab File: VX010919.D
Acq: 16 Jul 2019 20:12

Tgt Ion:105 Resp: 659658
Ion Ratio Lower Upper
105 100
134 21.9 10.4 31.4

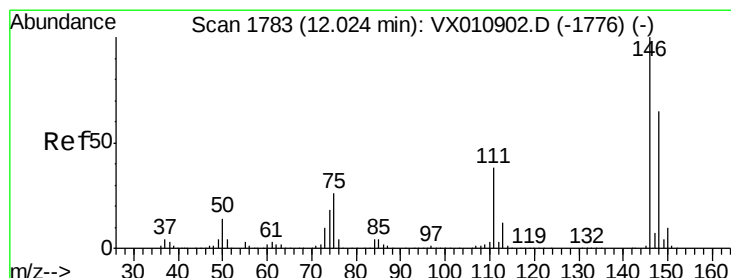
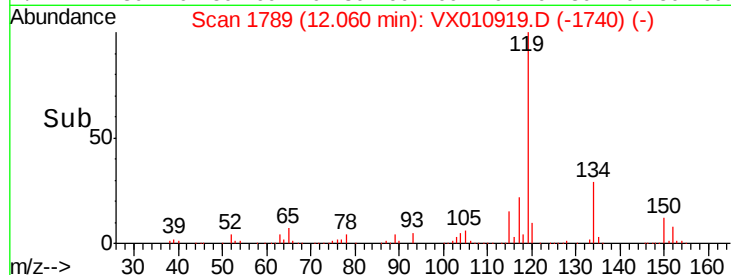
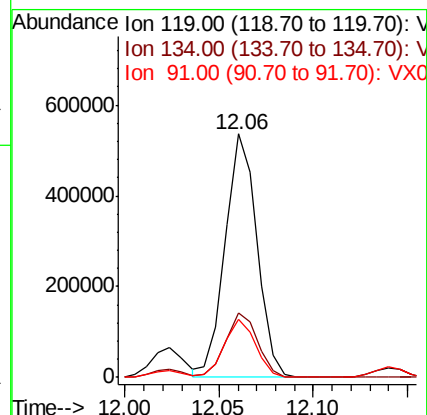
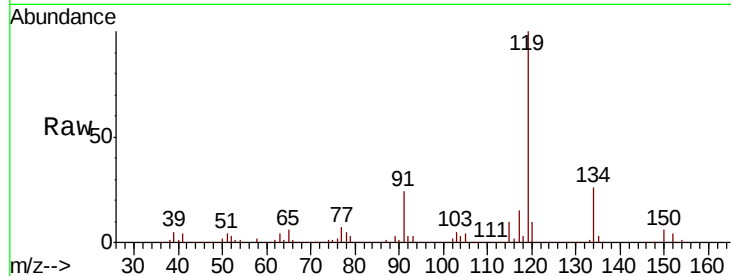




#86
 p-Isopropyltoluene
 Concen: 58.679 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX010919.D
 Acq: 16 Jul 2019 20:12

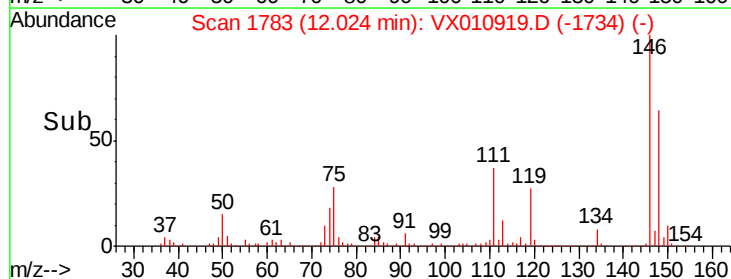
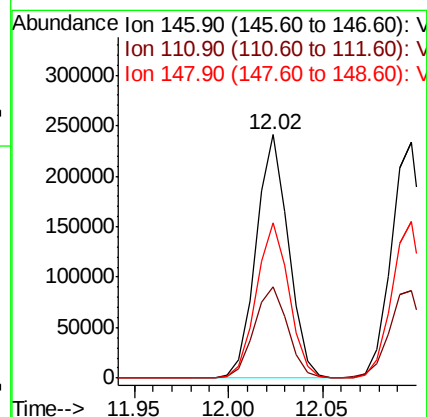
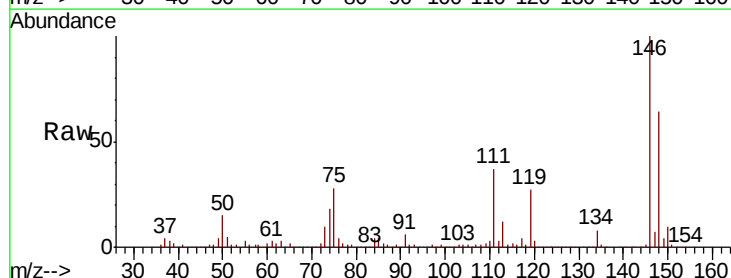
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0604MS

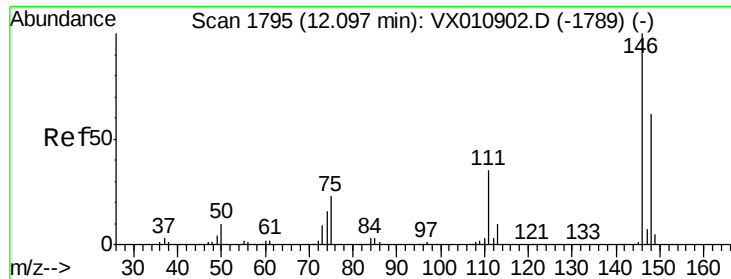
Tot Ion:119 Resp: 628278
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.4 40.1
 91 23.5 11.8 35.4



#87
 1,3-Dichlorobenzene
 Concen: 49.681 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX010919.D
 Acq: 16 Jul 2019 20:12

Tgt Ion:146 Resp: 286388
 Ion Ratio Lower Upper
 146 100
 111 38.8 18.9 56.9
 148 64.2 32.2 96.6





#88

1,4-Dichlorobenzene

Concen: 48.767 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX010919.D

Acq: 16 Jul 2019 20:12

Instrument :

MSVOA_X

ClientSampleId :

FL-0604MS

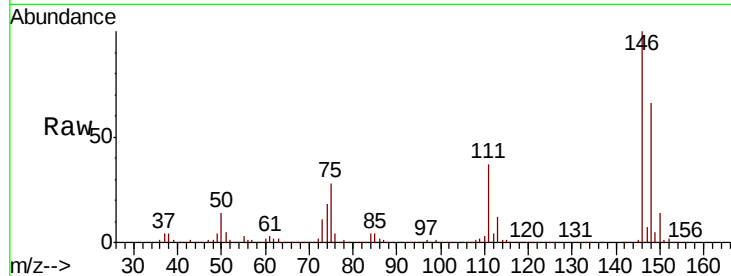
Tot Ion:146 Resp: 288317

Ion Ratio Lower Upper

146 100

111 37.8 18.6 55.8

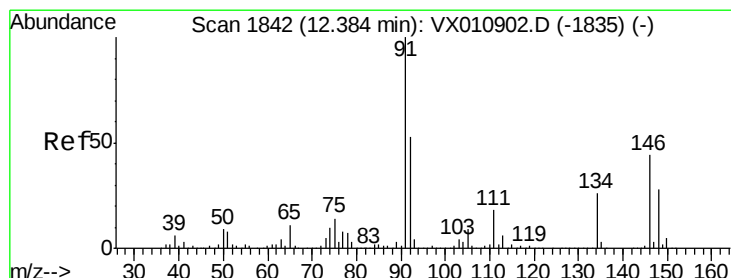
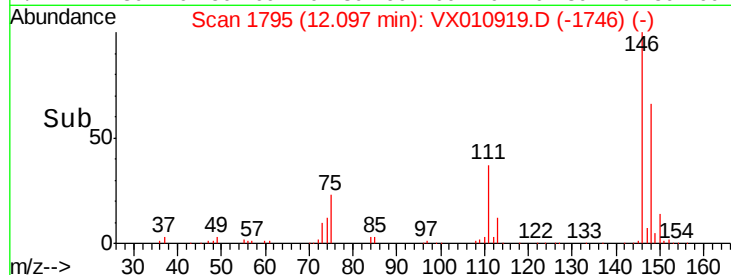
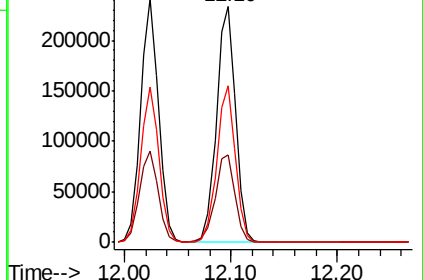
148 64.7 31.6 94.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 63.540 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX010919.D

Acq: 16 Jul 2019 20:12

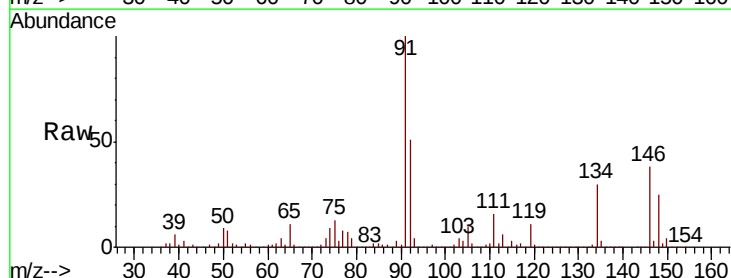
Tgt Ion: 91 Resp: 582041

Ion Ratio Lower Upper

91 100

92 48.6 26.2 78.5

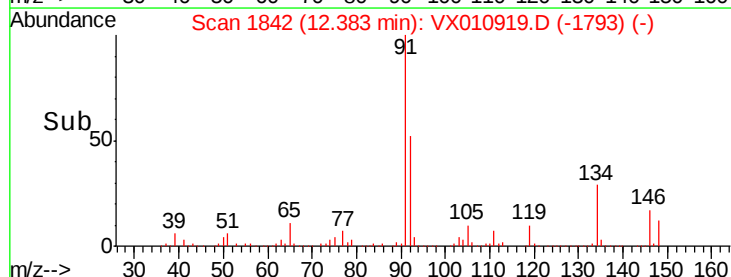
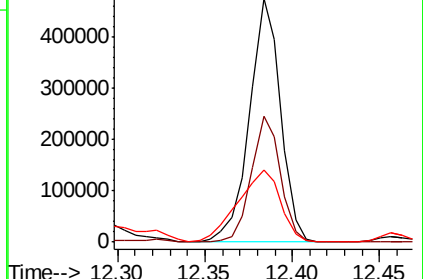
134 40.6 13.8 41.3

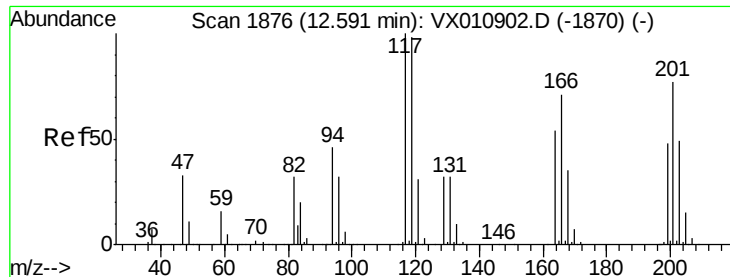


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V

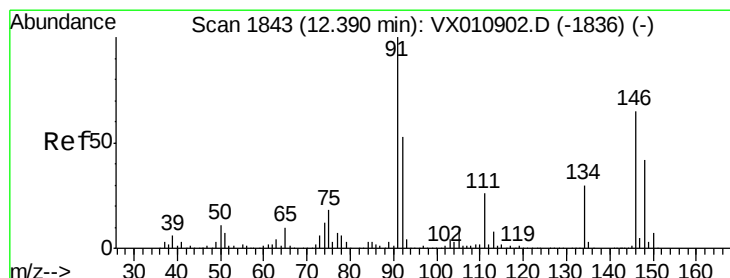
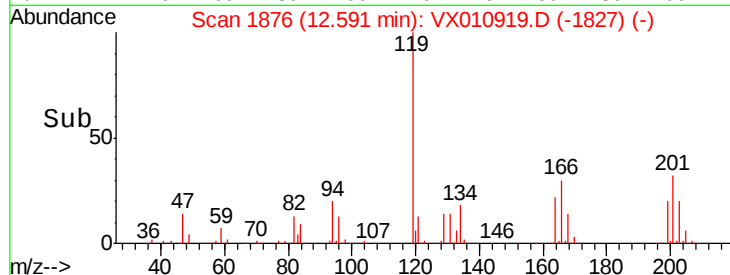
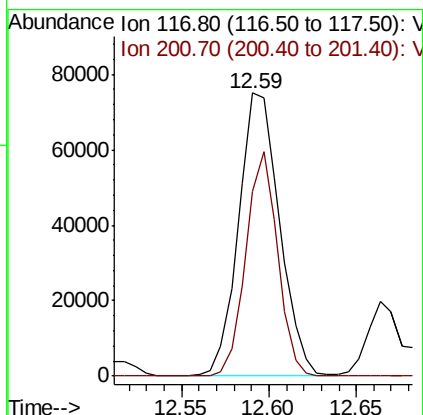
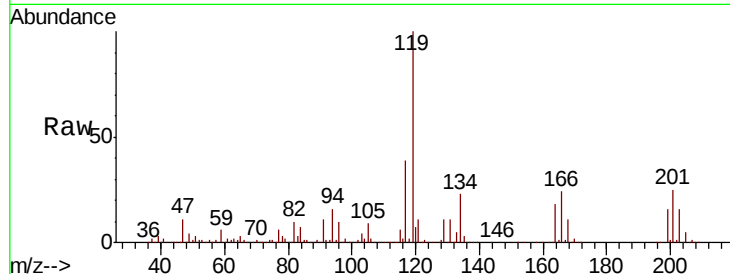




#90
Hexachloroethane
Concen: 72.554 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.00 min
Lab File: VX010919.D
Acq: 16 Jul 2019 20:12

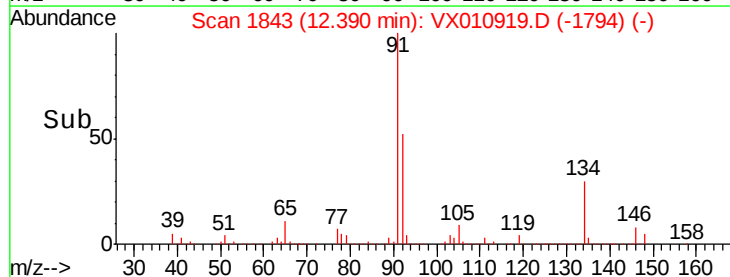
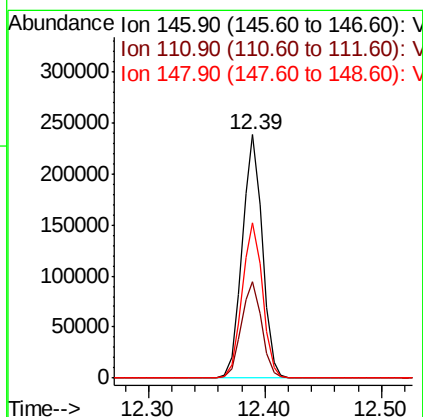
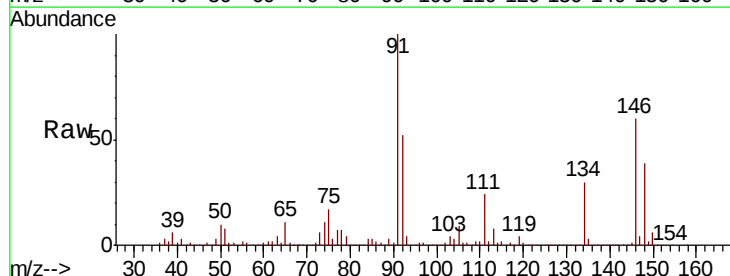
Instrument :
MSVOA_X
ClientSampleId :
FL-0604MS

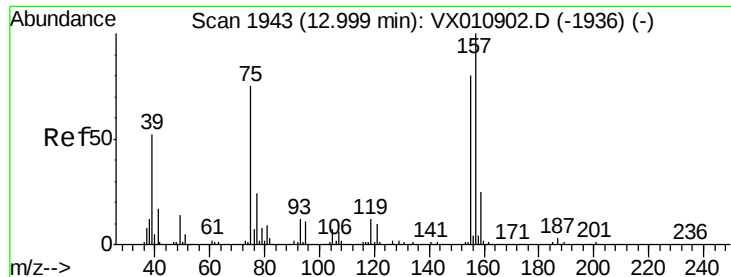
Tot Ion:117 Resp: 122529
Ion Ratio Lower Upper
117 100
201 61.1 43.3 129.8



#91
1,2-Dichlorobenzene
Concen: 50.148 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX010919.D
Acq: 16 Jul 2019 20:12

Tgt Ion:146 Resp: 286504
Ion Ratio Lower Upper
146 100
111 40.2 19.9 59.7
148 65.2 32.0 96.2





#92

1,2-Dibromo-3-Chloropropane

Concen: 56.894 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX010919.D

Acq: 16 Jul 2019 20:12

Instrument :

MSVOA_X

ClientSampleId :

FL-0604MS

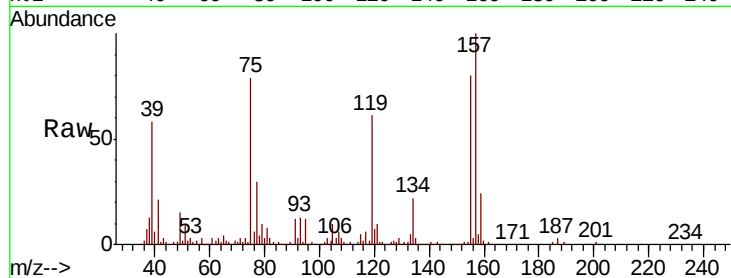
Tot Ion: 75 Resp: 46868

Ion	Ratio	Lower	Upper
75	100		
155	89.0	48.7	146.1
157	113.5	62.5	187.6

75 100

155 89.0 48.7 146.1

157 113.5 62.5 187.6

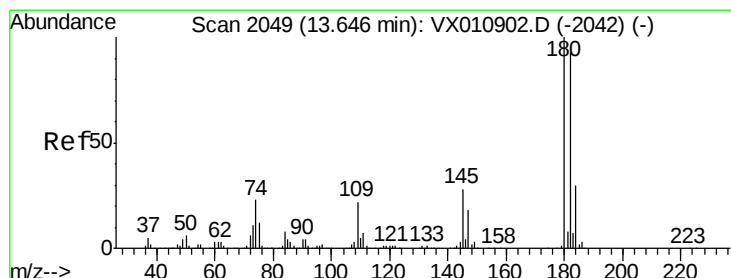
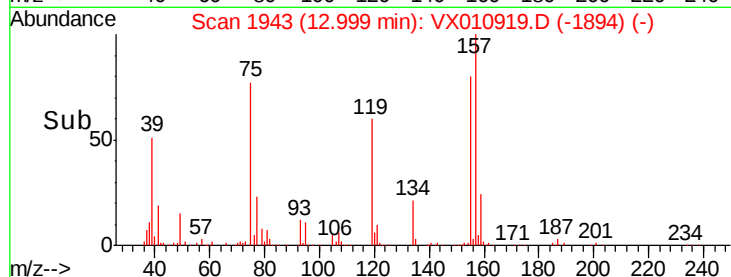
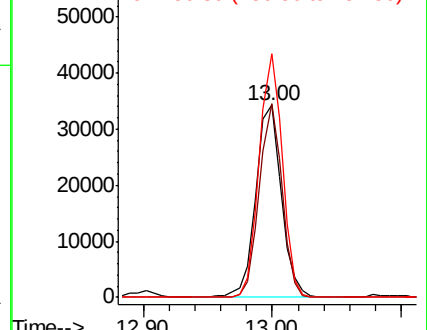


Abundance

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: 51.608 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX010919.D

Acq: 16 Jul 2019 20:12

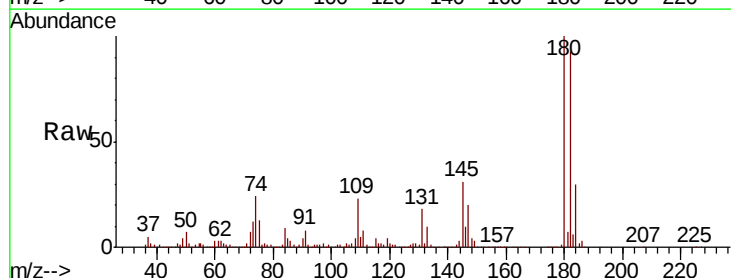
Tgt Ion:180 Resp: 199819

Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.1	141.3
145	34.7	14.8	44.4

180 100

182 94.8 47.1 141.3

145 34.7 14.8 44.4

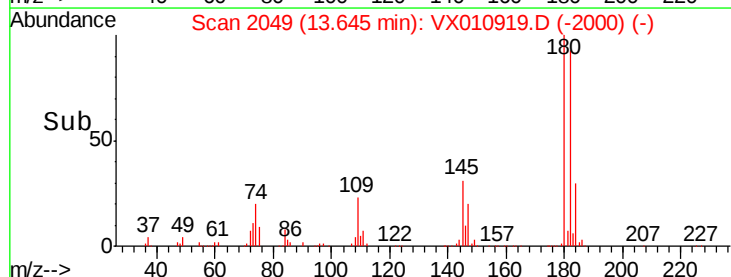
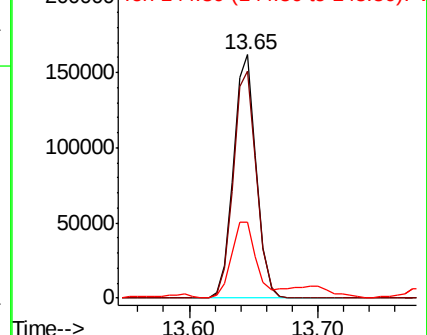


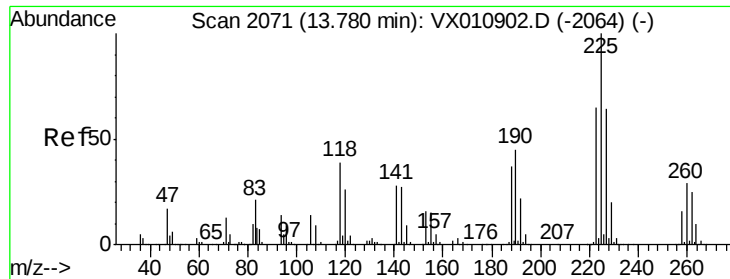
Abundance

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: 49.913 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VX010919.D

Acq: 16 Jul 2019 20:12

Instrument :

MSVOA_X

ClientSampled :

FL-0604MS

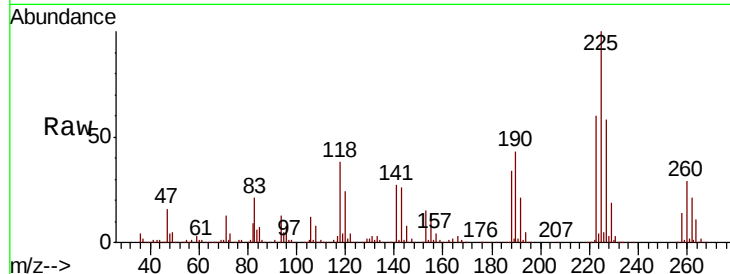
Tot Ion:225 Resp: 95767

Ion Ratio Lower Upper

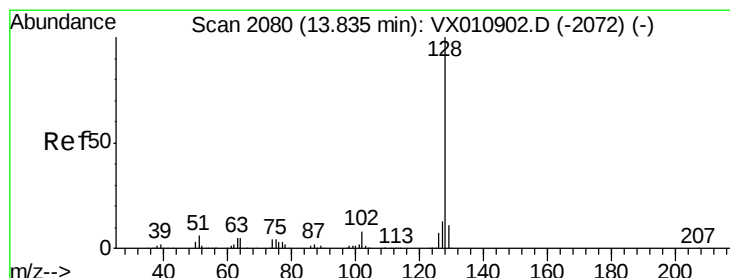
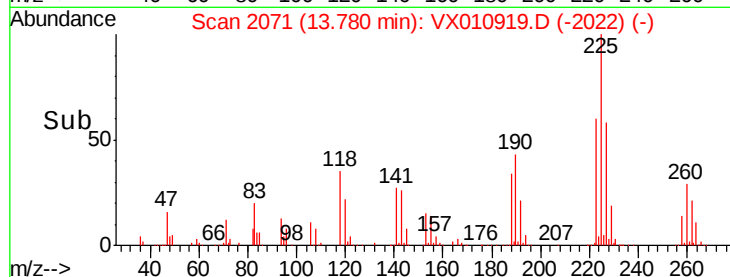
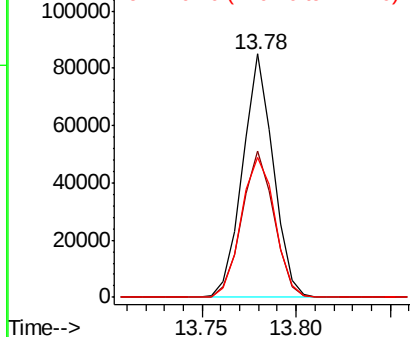
225 100

223 62.9 31.9 95.9

227 63.4 32.5 97.4



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 69.292 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX010919.D

Acq: 16 Jul 2019 20:12

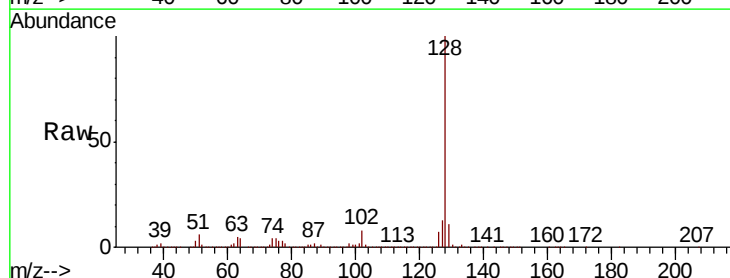
Tgt Ion:128 Resp: 792241

Ion Ratio Lower Upper

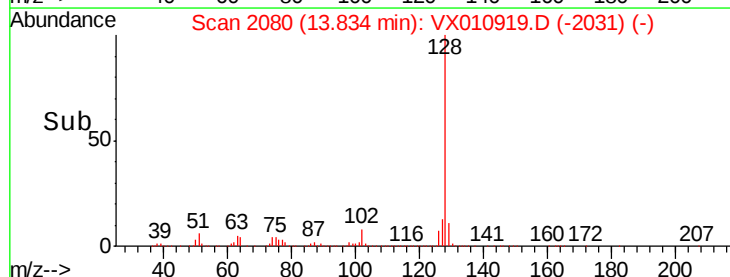
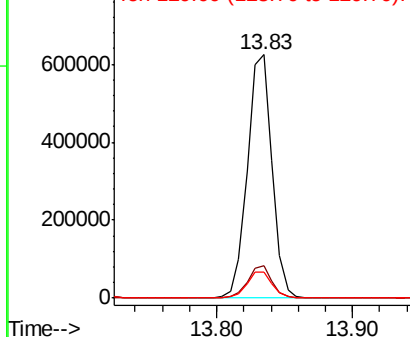
128 100

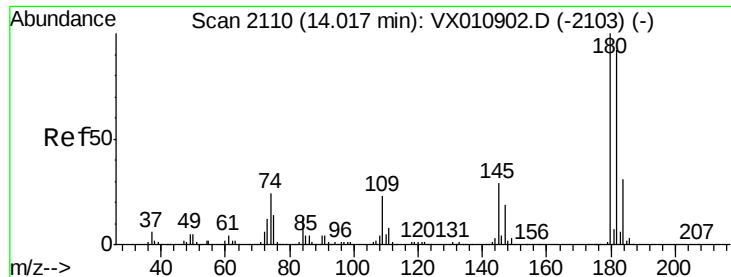
127 13.1 10.4 15.6

129 11.2 8.9 13.3



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

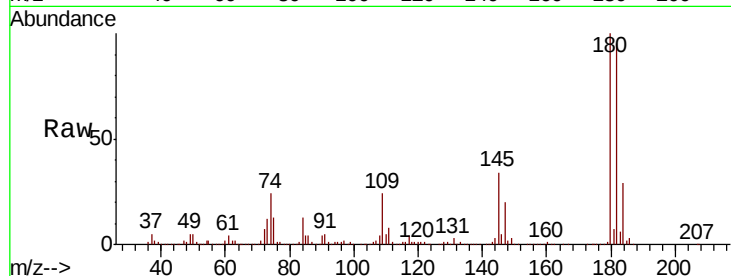




#96
 1,2,3-Trichlorobenzene
 Concen: 51.233 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. -0.00 min
 Lab File: VX010919.D
 Acq: 16 Jul 2019 20:12

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0604MS

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.4	142.3
145	36.0	15.1	45.3



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

