

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071219\
 Data File : VX010848.D
 Acq On : 12 Jul 2019 19:56
 Operator : JC/SP
 Sample : K3786-04MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0583MSD

Quant Time: Jul 13 01:43:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	237834	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	358360	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	335180	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	176058	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	102840	46.12	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	92.24%	
35) Dibromofluoromethane	5.50	113	97542	44.49	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	88.98%	
50) Toluene-d8	8.71	98	349547	41.67	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	83.34%	
62) 4-Bromofluorobenzene	11.13	95	136881	45.20	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	90.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	81013	48.995	ug/l	98
3) Chloromethane	1.32	50	83523	43.380	ug/l	98
4) Vinyl Chloride	1.41	62	92002	43.626	ug/l	98
5) Bromomethane	1.64	94	44577	43.388	ug/l	96
6) Chloroethane	1.71	64	63396	50.953	ug/l	97
7) Trichlorofluoromethane	1.93	101	162845	48.711	ug/l	98
8) Diethyl Ether	2.19	74	57147	47.667	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	91463	45.146	ug/l	97
10) Methyl Iodide	2.51	142	103268	35.717	ug/l	97
11) Tert butyl alcohol	3.05	59	111738	191.496	ug/l	98
12) 1,1-Dichloroethene	2.37	96	91897	44.578	ug/l	99
13) Acrolein	2.29	56	91628	236.716	ug/l	98
14) Allyl chloride	2.73	41	131595	44.963	ug/l	97
15) Acrylonitrile	3.14	53	272830	236.162	ug/l	99
16) Acetone	2.45	43	218536	195.545	ug/l	97
17) Carbon Disulfide	2.57	76	218547	39.515	ug/l	99
18) Methyl Acetate	2.78	43	93195	41.840	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	300524	46.339	ug/l	97
20) Methylene Chloride	2.85	84	103317	44.922	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	96366	43.464	ug/l	95
22) Diisopropyl ether	3.85	45	285305	46.625	ug/l	95
23) Vinyl Acetate	3.81	43	1132445	214.224	ug/l	98
24) 1,1-Dichloroethane	3.70	63	163340	46.179	ug/l	99
25) 2-Butanone	4.67	43	362950	221.400	ug/l	99
26) 2,2-Dichloropropane	4.59	77	107217	34.894	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	113953	44.476	ug/l	99
28) Bromochloromethane	5.01	49	71181	42.091	ug/l	95
29) Tetrahydrofuran	5.13	42	236191	232.605	ug/l	98
30) Chloroform	5.21	83	174144	45.759	ug/l	99
31) Cyclohexane	5.58	56	149563	46.434	ug/l	93
32) 1,1,1-Trichloroethane	5.50	97	153913	45.802	ug/l	100
36) 1,1-Dichloropropene	5.80	75	125609	44.109	ug/l	99
37) Ethyl Acetate	4.84	43	125337	42.783	ug/l	98
38) Carbon Tetrachloride	5.79	117	132620	43.007	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	159027	42.484	ug/l	97
40) Benzene	6.14	78	400185	45.106	ug/l	99
41) Methacrylonitrile	5.04	41	76918	47.851	ug/l	98
42) 1,2-Dichloroethane	6.20	62	134434	49.778	ug/l	98
43) Isopropyl Acetate	6.45	43	209102	43.140	ug/l	98
44) Trichloroethene	7.21	130	112274	42.292	ug/l	97
45) 1,2-Dichloropropane	7.51	63	100640	44.920	ug/l	97
46) Dibromomethane	7.66	93	72718	45.238	ug/l	97
47) Bromodichloromethane	7.90	83	132020	44.815	ug/l	99
48) Methyl methacrylate	7.77	41	108235	48.041	ug/l	97
49) 1,4-Dioxane	7.74	88	53220	820.006	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	751116	242.298	ug/l	97
52) Toluene	8.78	92	259284	44.379	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	137924	41.761	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	151853	42.309	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	110061	45.676	ug/l	98
56) Ethyl methacrylate	9.18	69	167691	45.940	ug/l	95
57) 1,3-Dichloropropane	9.37	76	171689	45.901	ug/l	98
59) 2-Hexanone	9.49	43	578702	237.194	ug/l	98
60) Dibromochloromethane	9.58	129	116685	43.250	ug/l	100
61) 1,2-Dibromoethane	9.67	107	116515	44.798	ug/l	99
64) Tetrachloroethene	9.34	164	101873	37.577	ug/l	99
65) Chlorobenzene	10.13	112	294259	43.243	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	108423	43.743	ug/l	100
67) Ethyl Benzene	10.25	91	965264	84.024	ug/l	98
68) m/p-Xylenes	10.36	106	499598	112.236	ug/l	98
69) o-Xylene	10.69	106	195238	44.601	ug/l	98
70) Styrene	10.71	104	334552	45.572	ug/l	98
71) Bromoform	10.85	173	89134	41.352	ug/l	100
73) Isopropylbenzene	11.02	105	554973	46.501	ug/l	98
74) N-amyl acetate	10.90	43	187716	41.619	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	177809	44.988	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	185620	57.857	ug/l	80
77) Bromobenzene	11.26	156	139515	41.865	ug/l	97
78) n-propylbenzene	11.36	91	607268	46.298	ug/l	99
79) 2-Chlorotoluene	11.42	91	345077	44.181	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	440905	44.814	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	46257	33.636	ug/l	89
82) 4-Chlorotoluene	11.51	91	399338	44.932	ug/l	99
83) tert-Butylbenzene	11.77	119	441188	44.678	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	693329	70.141	ug/l	99
85) sec-Butylbenzene	11.94	105	515518	44.463	ug/l	99
86) p-Isopropyltoluene	12.06	119	474754	44.268	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	251745	43.277	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	250611	42.318	ug/l	99
89) n-Butylbenzene	12.38	91	411711	45.178	ug/l	100
90) Hexachloroethane	12.60	117	77373	41.724	ug/l	93
91) 1,2-Dichlorobenzene	12.39	146	252637	43.698	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	37185	43.636	ug/l	89
93) 1,2,4-Trichlorobenzene	13.65	180	170511	42.529	ug/l	98

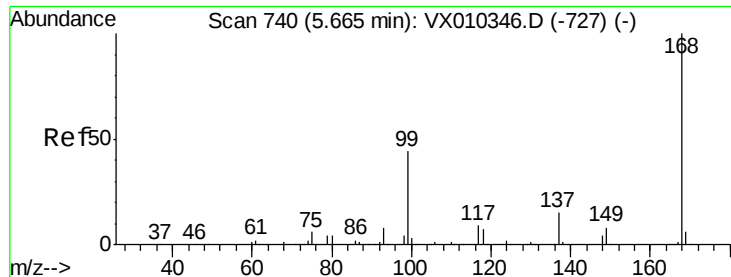
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Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	81304	41.492	ug/l	98
95) Naphthalene	13.83	128	647272	52.535	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	173926	43.631	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010848.D

Acq: 12 Jul 2019 19:56

Instrument :

MSVOA_X

ClientSampleId :

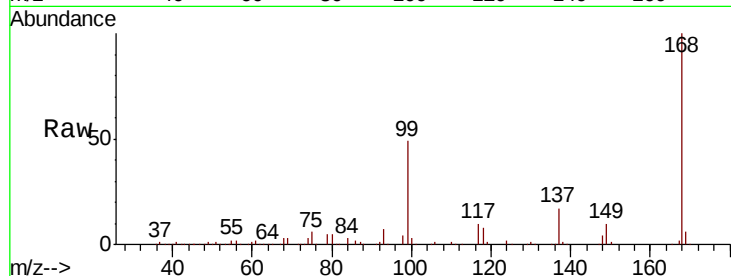
FL-0583MSD

Tot Ion:168 Resp: 237834

Ion Ratio Lower Upper

168 100

99 48.4 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

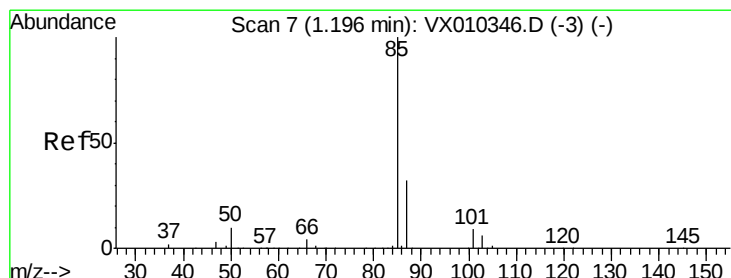
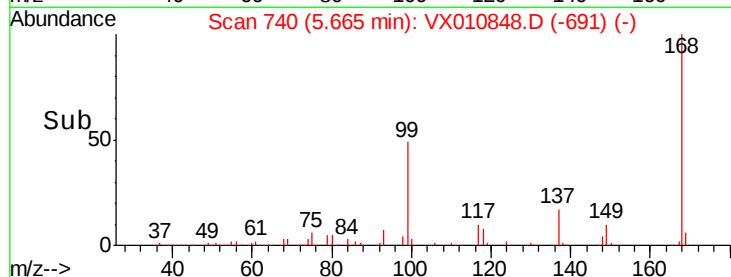
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 48.995 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010848.D

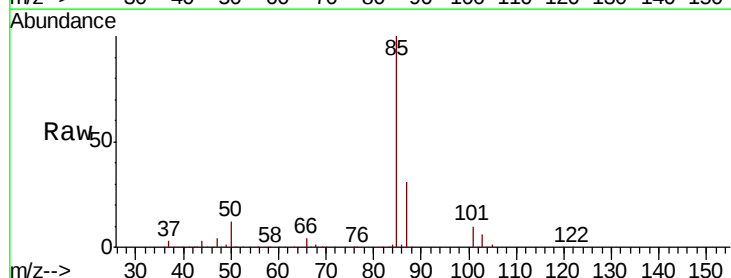
Acq: 12 Jul 2019 19:56

Tgt Ion: 85 Resp: 81013

Ion Ratio Lower Upper

85 100

87 31.3 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

100000

80000

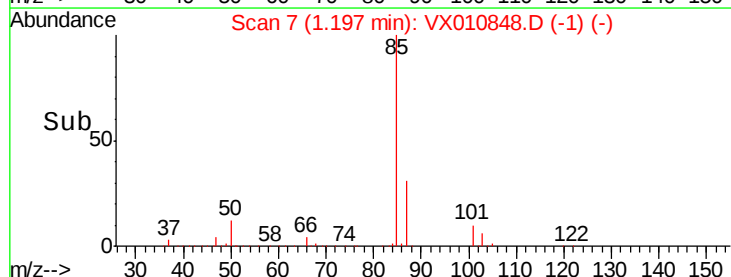
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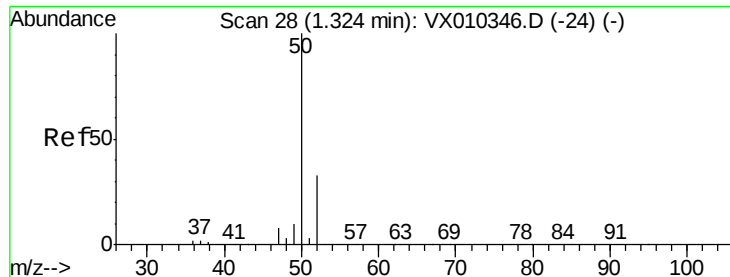
40000

20000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 43.380 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010848.D

Acq: 12 Jul 2019 19:56

Instrument :

MSVOA_X

ClientSampleId :

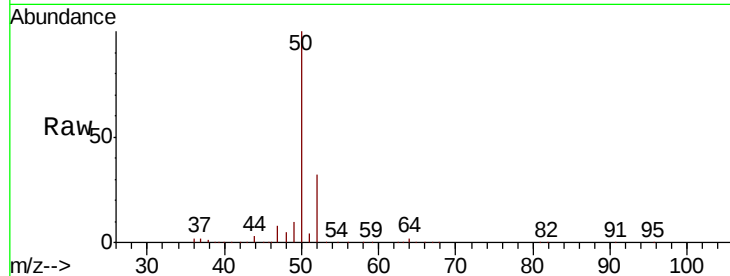
FL-0583MSD

Tot Ion: 50 Resp: 83523

Ion Ratio Lower Upper

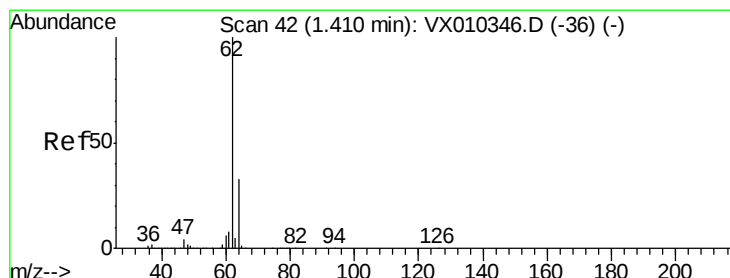
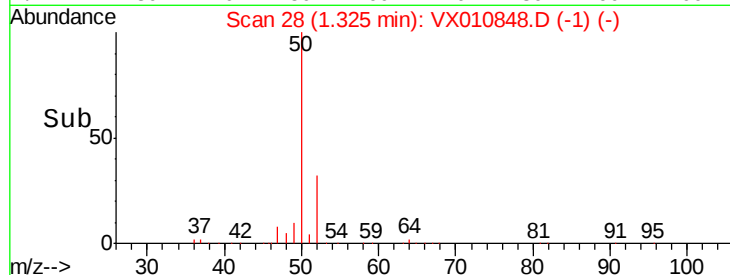
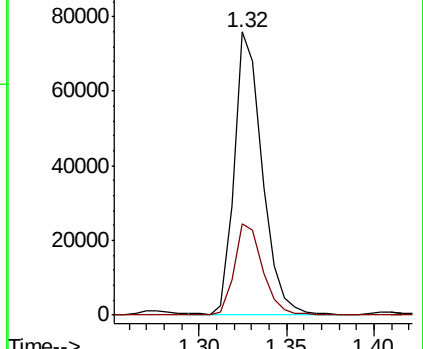
50 100

52 32.2 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 43.626 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010848.D

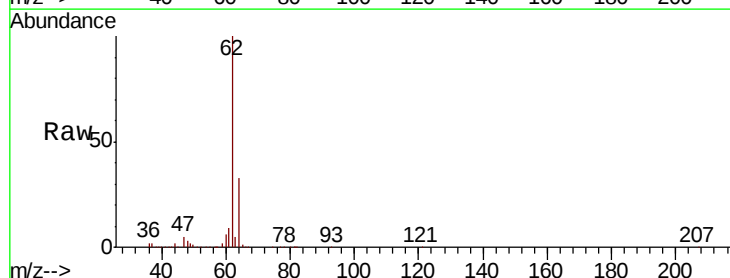
Acq: 12 Jul 2019 19:56

Tgt Ion: 62 Resp: 92002

Ion Ratio Lower Upper

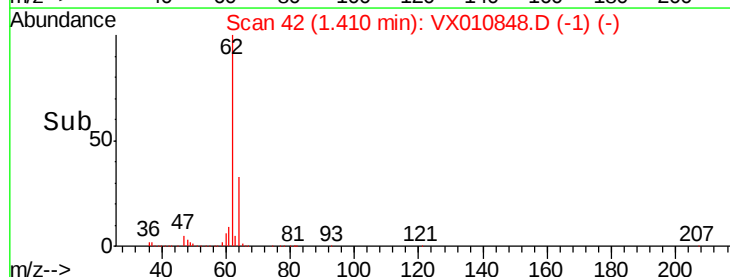
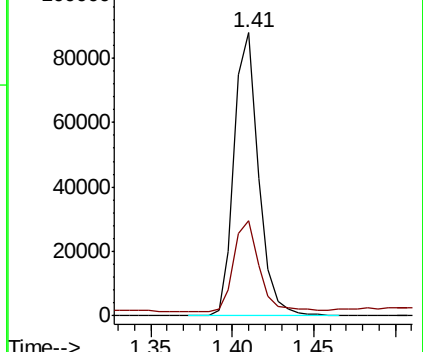
62 100

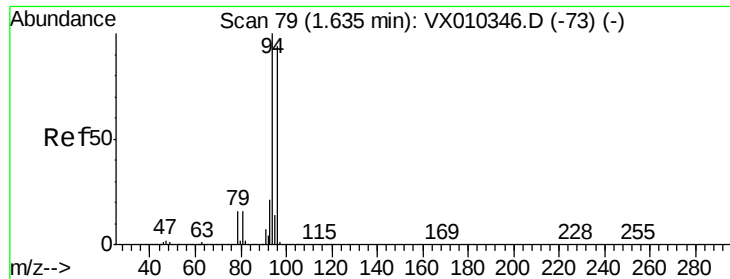
64 31.8 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 43.388 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010848.D

Acq: 12 Jul 2019 19:56

Instrument :

MSVOA_X

ClientSampleId :

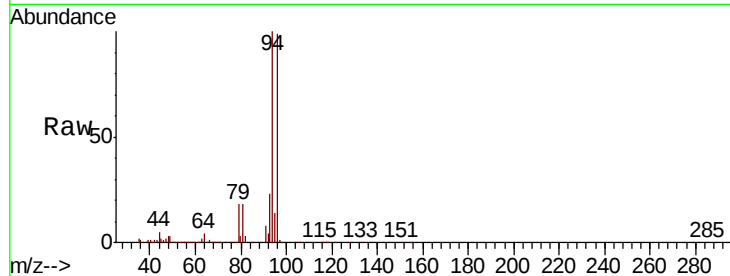
FL-0583MSD

Tot Ion: 94 Resp: 44577

Ion Ratio Lower Upper

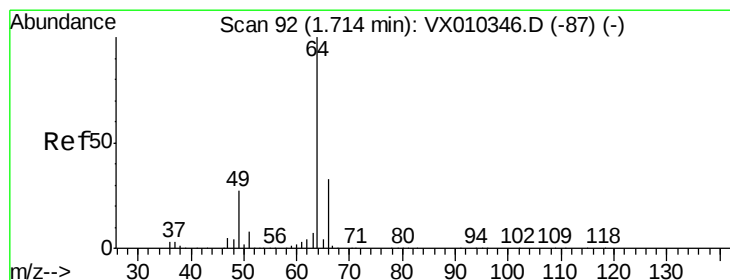
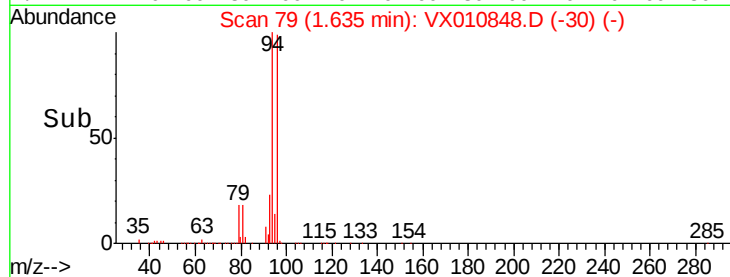
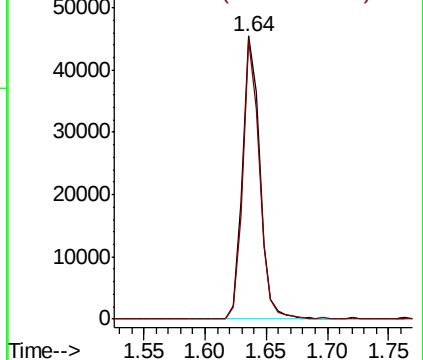
94 100

96 98.6 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 50.953 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010848.D

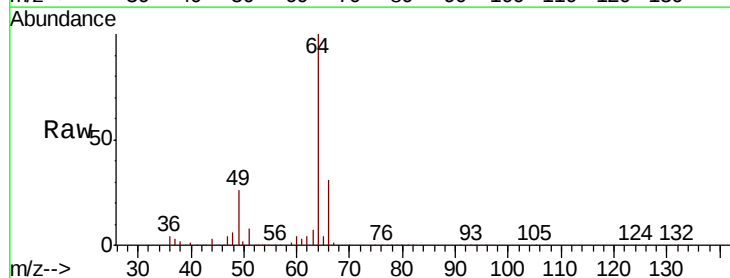
Acq: 12 Jul 2019 19:56

Tgt Ion: 64 Resp: 63396

Ion Ratio Lower Upper

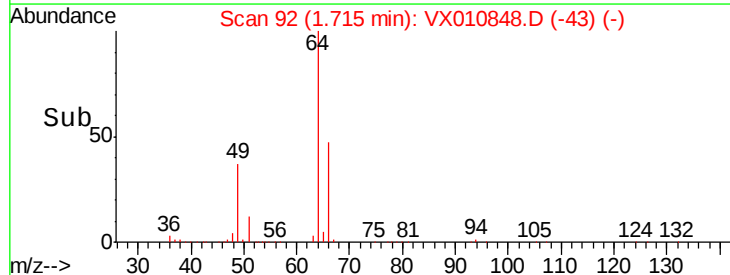
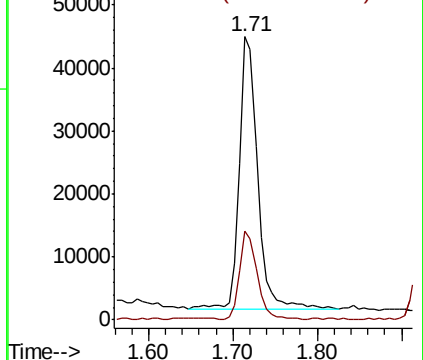
64 100

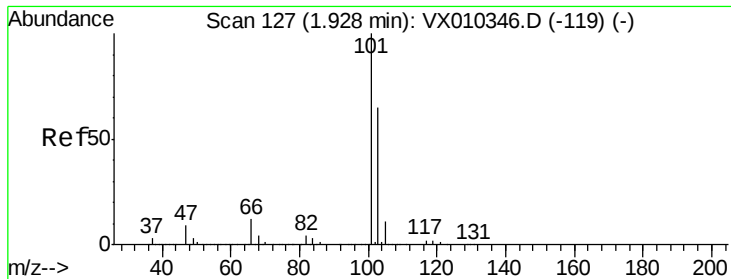
66 31.9 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



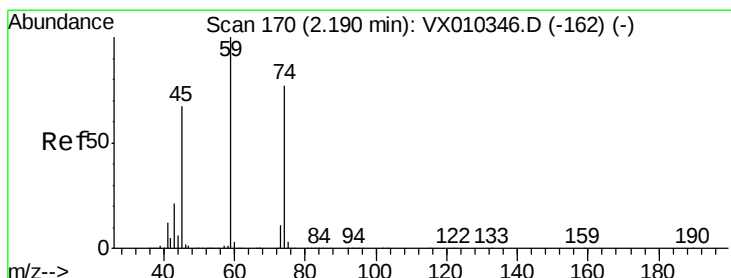
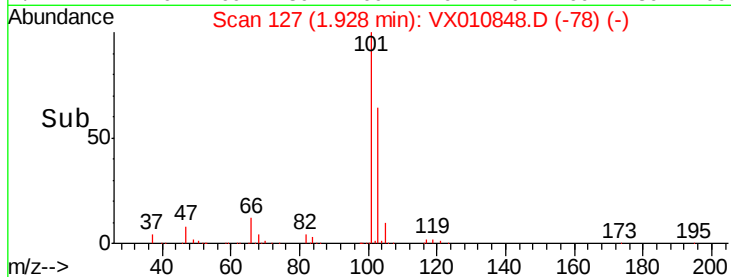
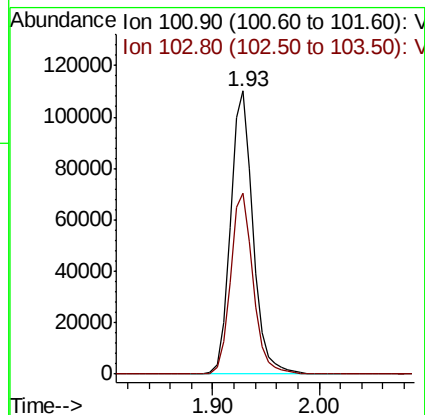
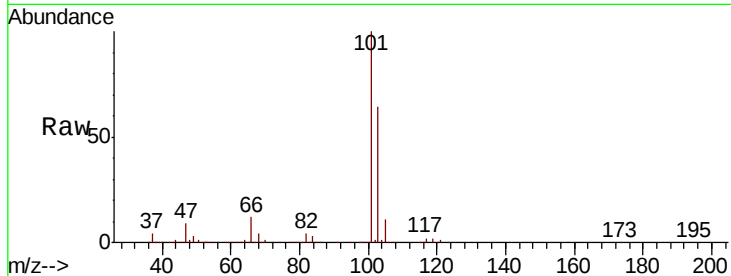


#7

Trichlorofluoromethane
 Concen: 48.711 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.00 min
 Lab File: VX010848.D
 Acq: 12 Jul 2019 19:56

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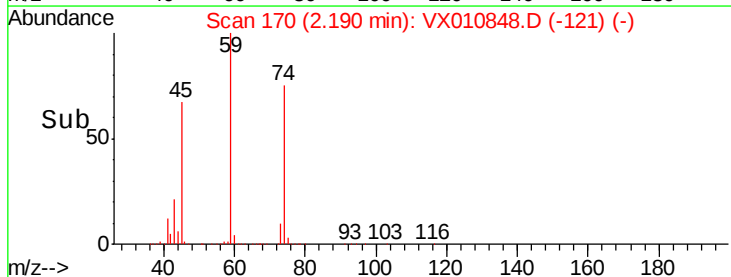
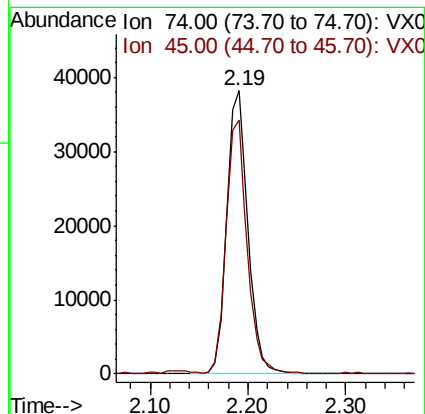
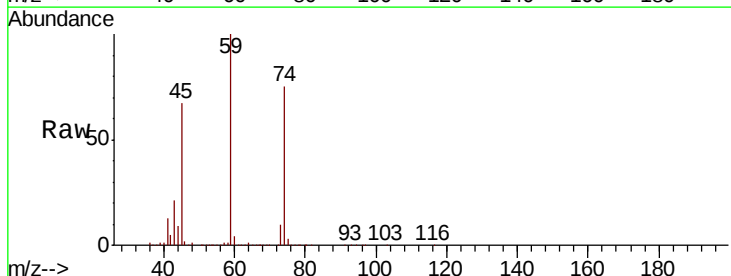
Tot Ion:101 Resp: 162845
 Ion Ratio Lower Upper
 101 100
 103 64.0 52.3 78.5



#8

Diethyl Ether
 Concen: 47.667 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX010848.D
 Acq: 12 Jul 2019 19:56

Tgt Ion: 74 Resp: 57147
 Ion Ratio Lower Upper
 74 100
 45 88.8 44.8 134.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.146 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX010848.D

Acq: 12 Jul 2019 19:56

Instrument :

MSVOA_X

ClientSampleId :

FL-0583MSD

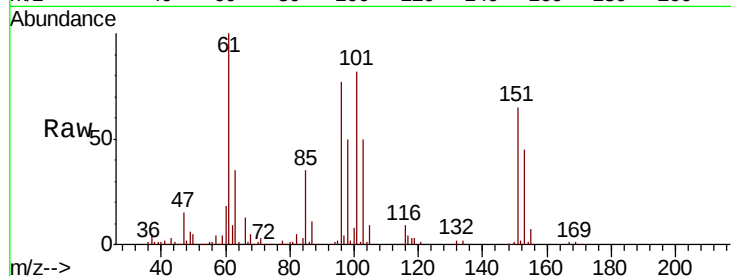
Tot Ion:101 Resp: 91463

Ion Ratio Lower Upper

101 100

85 43.0 33.7 50.5

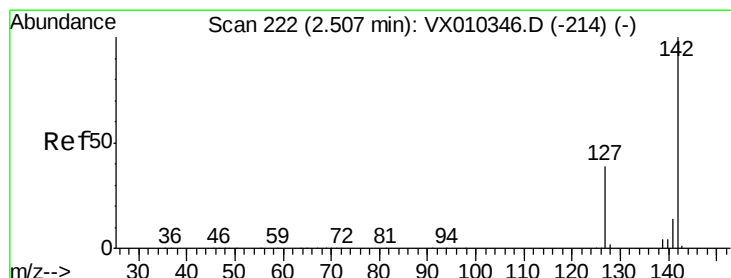
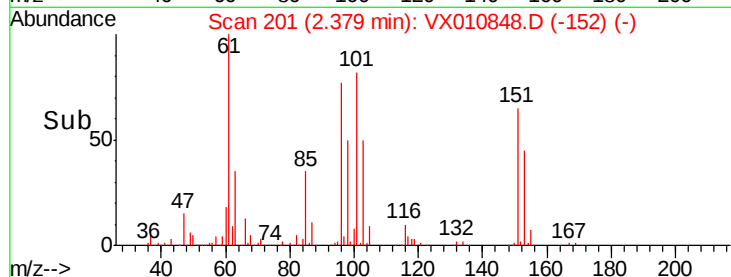
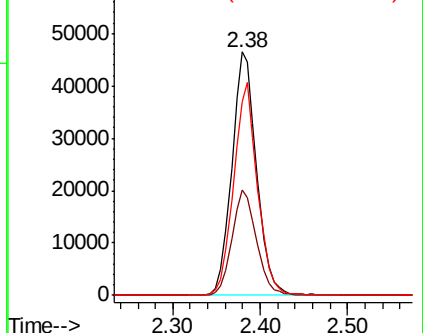
151 84.1 70.1 105.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 35.717 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX010848.D

Acq: 12 Jul 2019 19:56

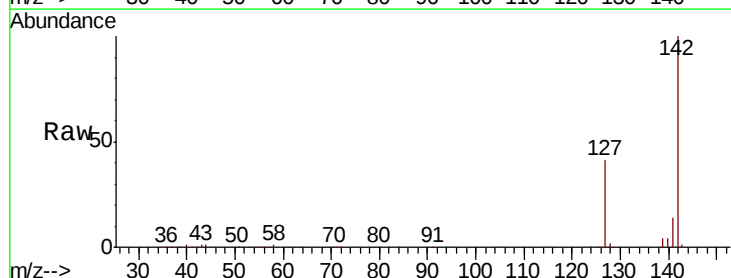
Tgt Ion:142 Resp: 103268

Ion Ratio Lower Upper

142 100

127 41.0 31.1 46.7

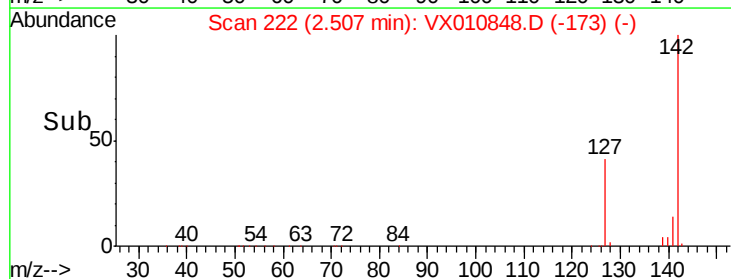
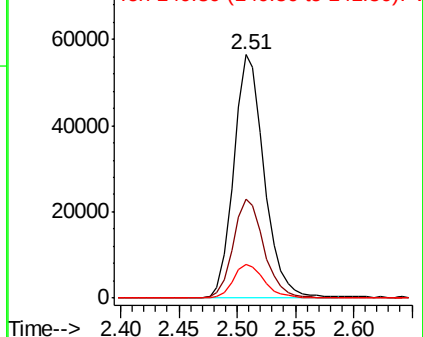
141 14.4 11.2 16.8

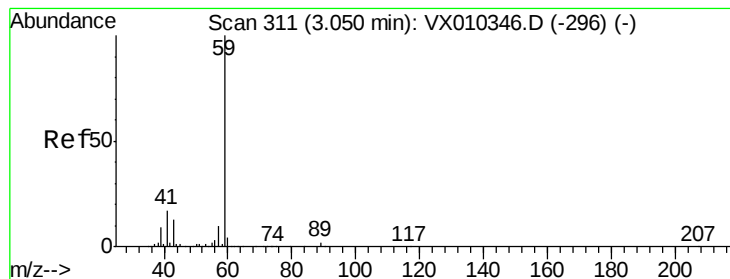


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



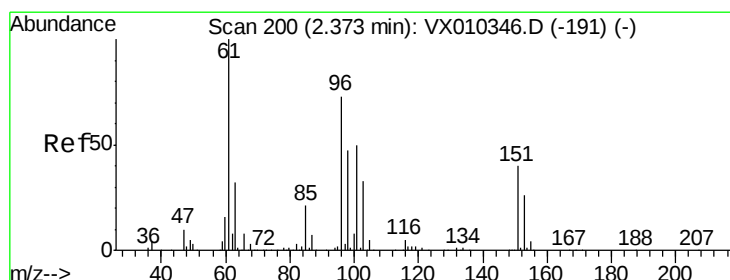
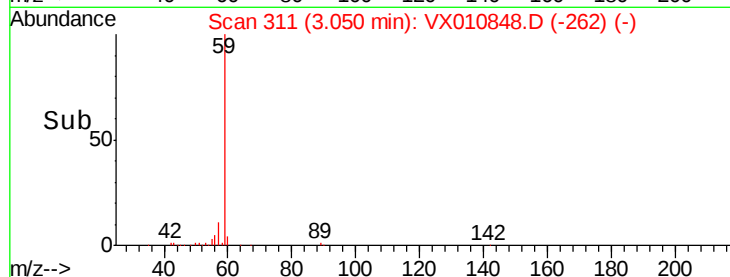
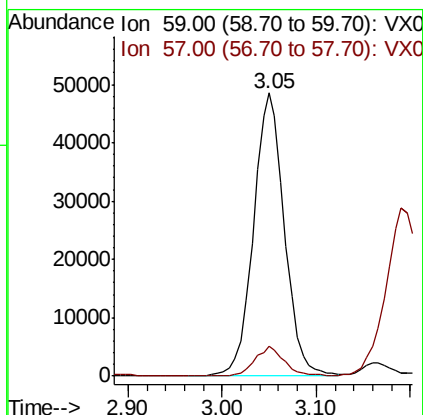
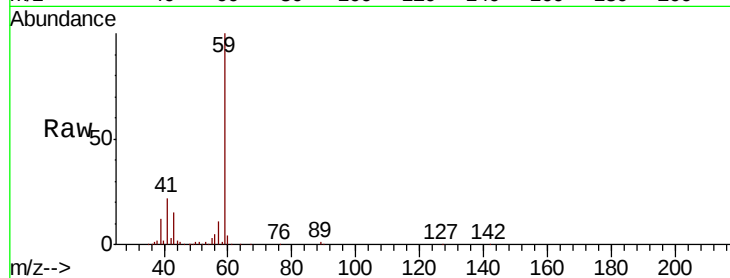


#11

Tert butyl alcohol
 Concen: 191.496 ug/l
 RT: 3.05 min Scan# 311
 Delta R.T. 0.00 min
 Lab File: VX010848.D
 Acq: 12 Jul 2019 19:56

Instrument :
 MSVOA_X
 ClientSampled :
 FL-0583MSD

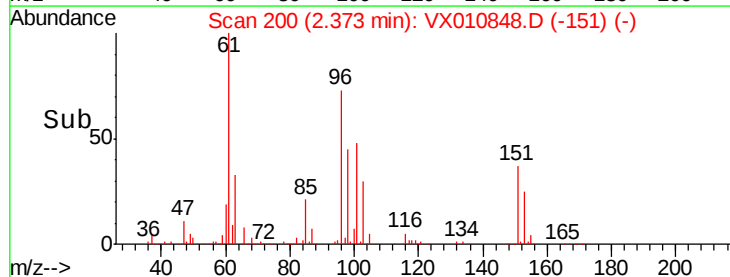
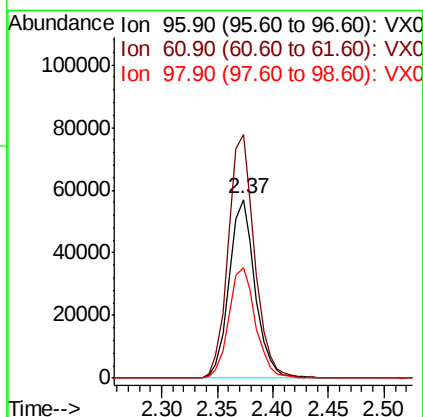
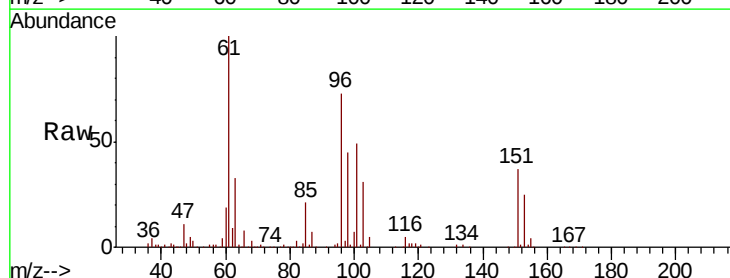
Tot Ion: 59 Resp: 111738
 Ion Ratio Lower Upper
 59 100
 57 10.2 7.7 11.5



#12

1,1-Dichloroethene
 Concen: 44.578 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.00 min
 Lab File: VX010848.D
 Acq: 12 Jul 2019 19:56

Tgt Ion: 96 Resp: 91897
 Ion Ratio Lower Upper
 96 100
 61 136.2 109.2 163.8
 98 61.7 51.1 76.7





#13

Acrolein

Concen: 236.716 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010848.D

Acq: 12 Jul 2019 19:56

Instrument :

MSVOA_X

ClientSampleId :

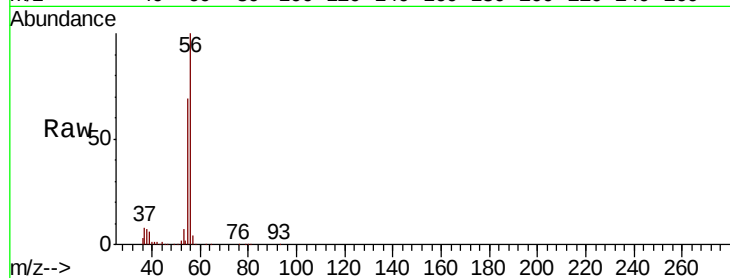
FL-0583MSD

Tot Ion: 56 Resp: 91628

Ion Ratio Lower Upper

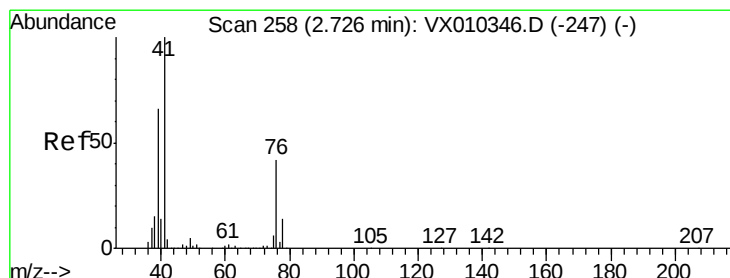
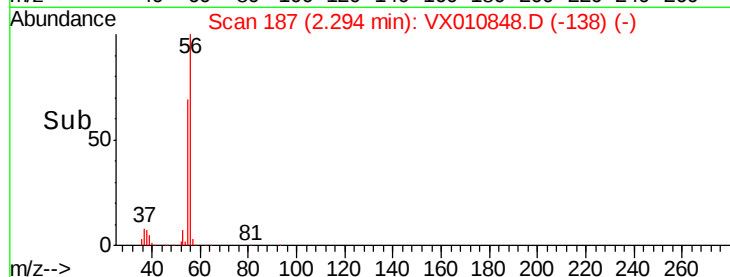
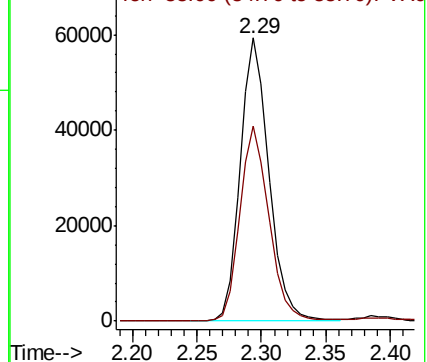
56 100

55 69.6 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 44.963 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010848.D

Acq: 12 Jul 2019 19:56

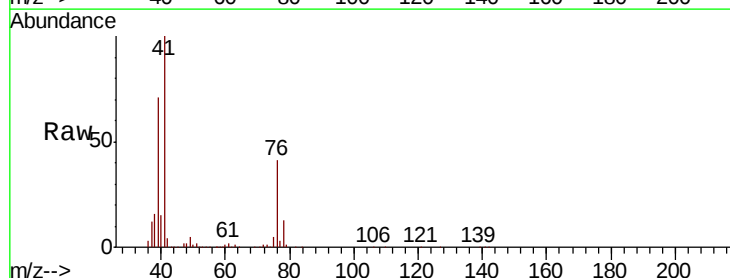
Tgt Ion: 41 Resp: 131595

Ion Ratio Lower Upper

41 100

39 65.3 50.3 75.5

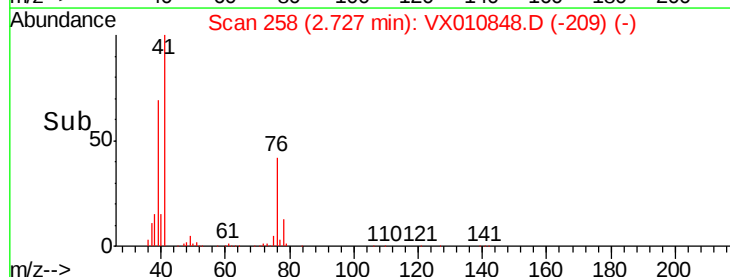
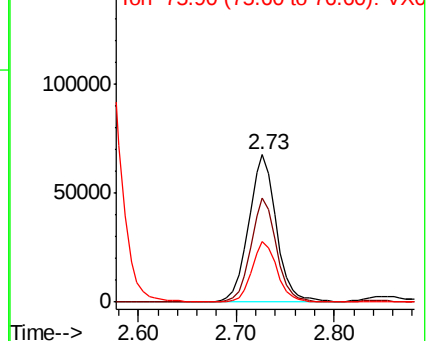
76 37.3 31.3 46.9

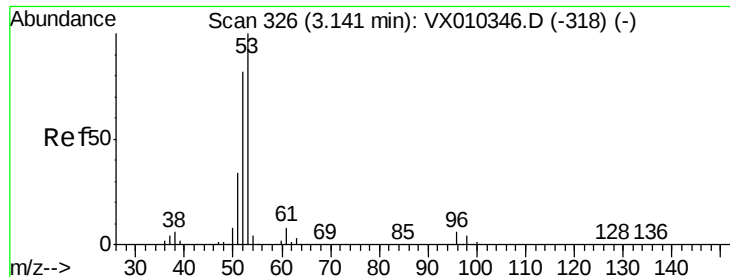


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 236.162 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010848.D

Acq: 12 Jul 2019 19:56

Instrument :

MSVOA_X

ClientSampleId :

FL-0583MSD

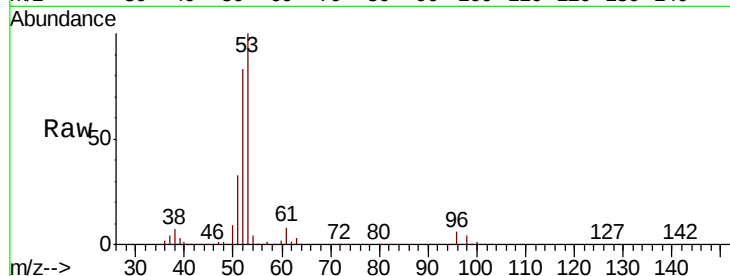
Tot Ion: 53 Resp: 272830

Ion Ratio Lower Upper

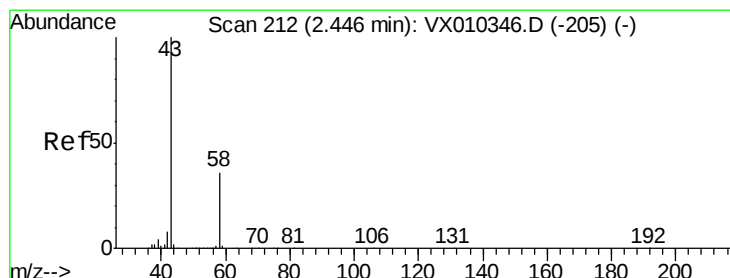
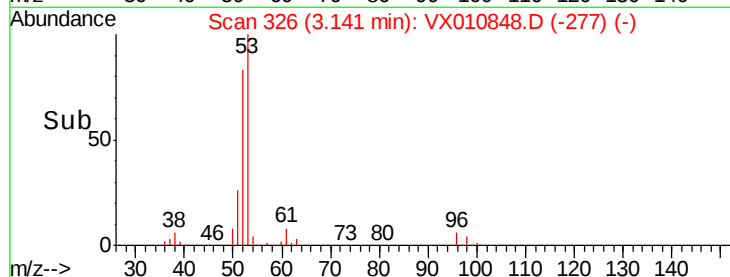
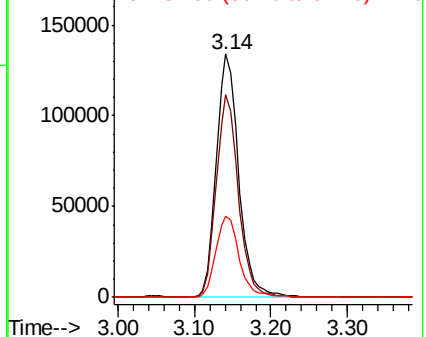
53 100

52 81.7 65.5 98.3

51 34.6 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: 195.545 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010848.D

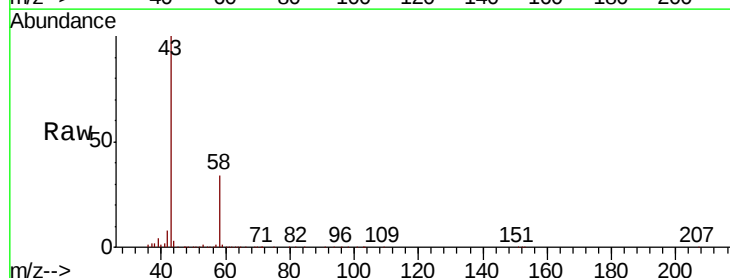
Acq: 12 Jul 2019 19:56

Tgt Ion: 43 Resp: 218536

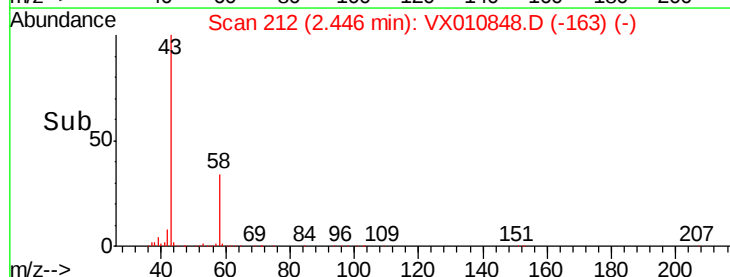
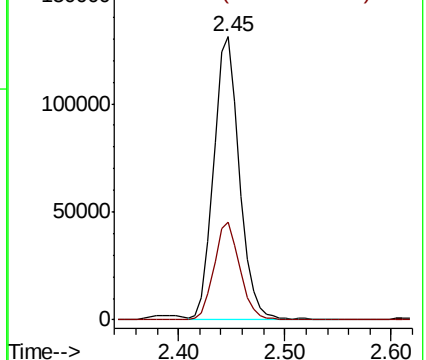
Ion Ratio Lower Upper

43 100

58 34.3 28.9 43.3



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

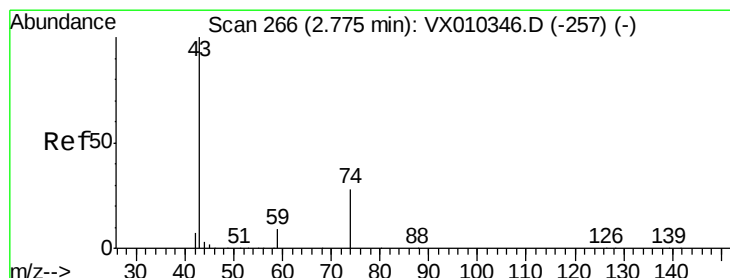
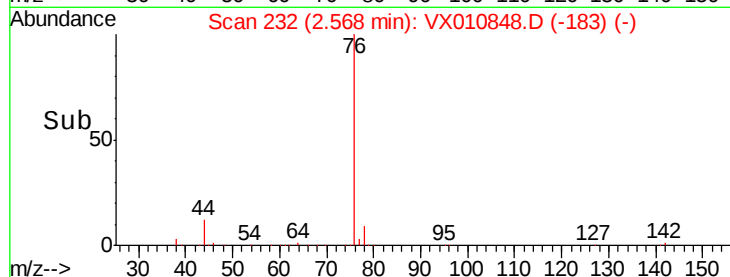
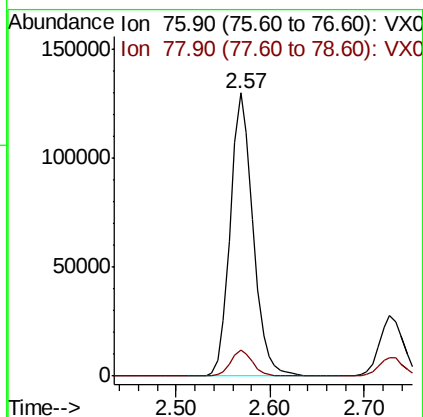
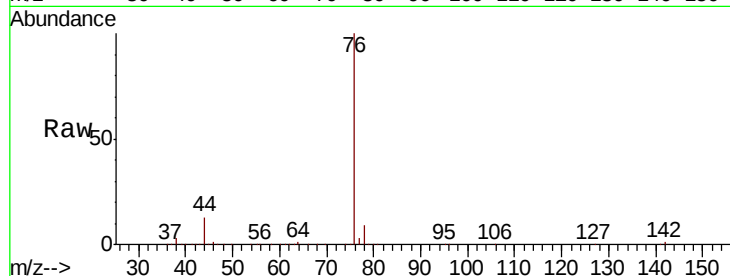




#17
Carbon Disulfide
Concen: 39.515 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010848.D
Acq: 12 Jul 2019 19:56

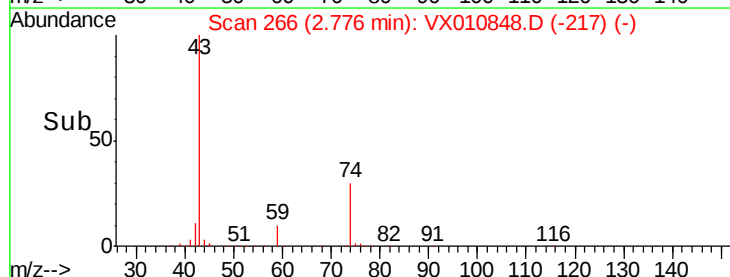
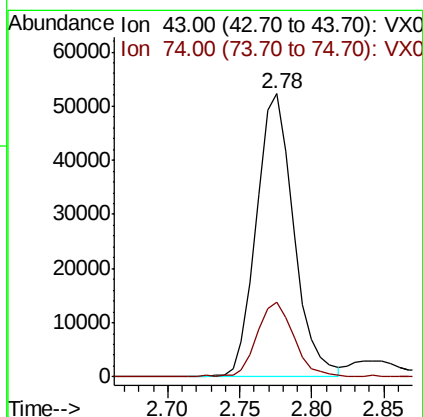
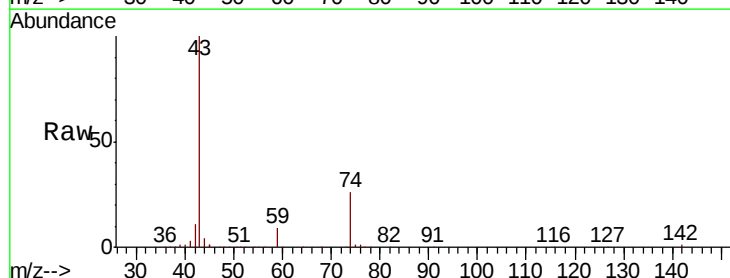
Instrument :
MSVOA_X
ClientSampled :
FL-0583MSD

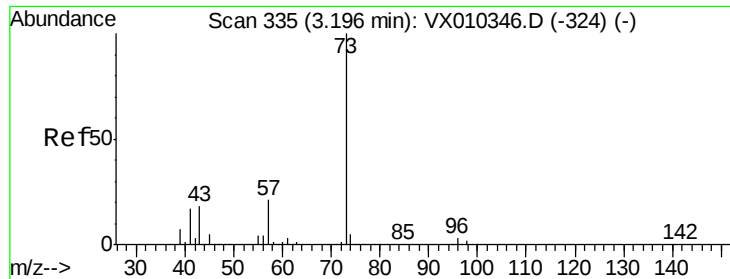
Tot Ion: 76 Resp: 218547
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9



#18
Methyl Acetate
Concen: 41.840 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX010848.D
Acq: 12 Jul 2019 19:56

Tgt Ion: 43 Resp: 93195
Ion Ratio Lower Upper
43 100
74 26.3 21.3 31.9



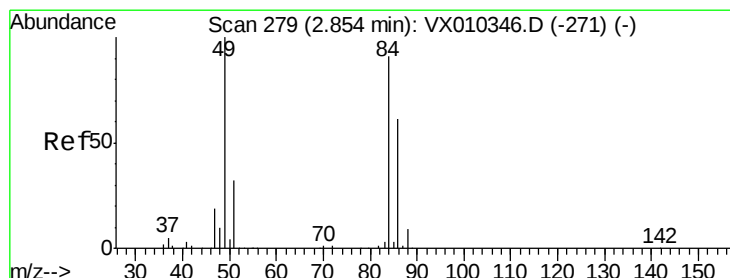
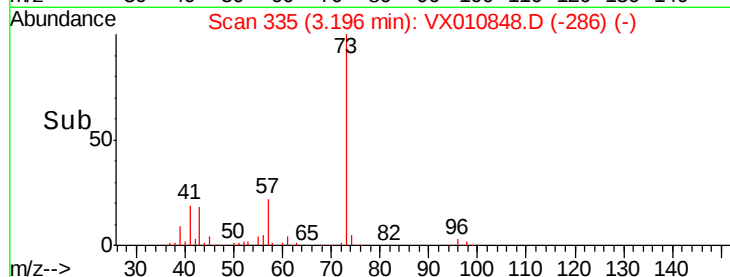
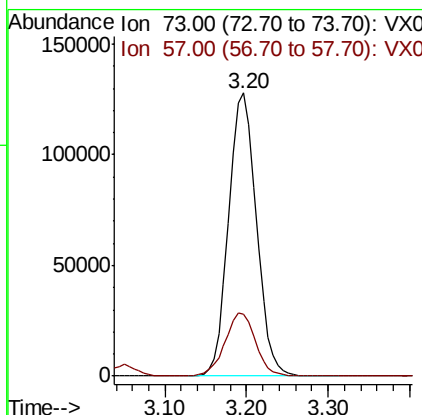
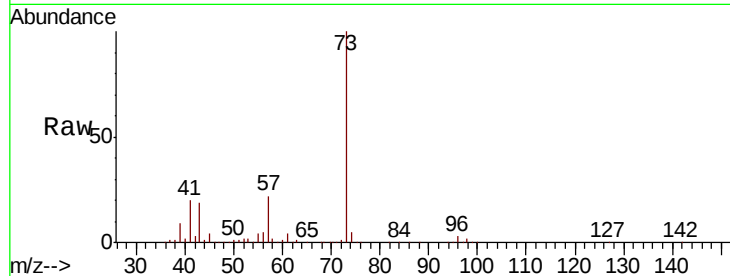


#19

Methyl tert-butyl Ether
 Concen: 46.339 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. 0.00 min
 Lab File: VX010848.D
 Acq: 12 Jul 2019 19:56

Instrument :
 MSVOA_X
 ClientSampled :
 FL-0583MSD

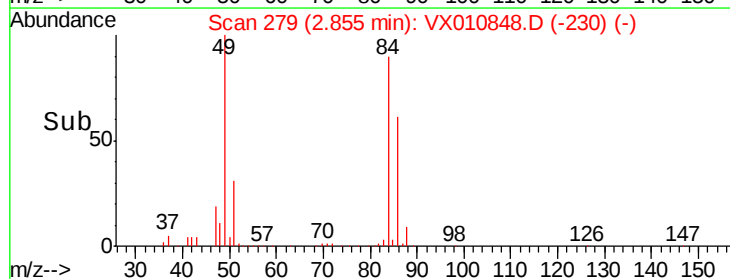
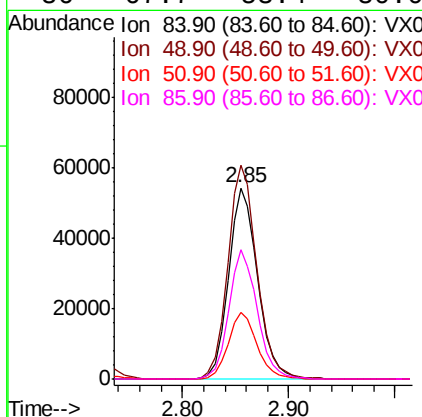
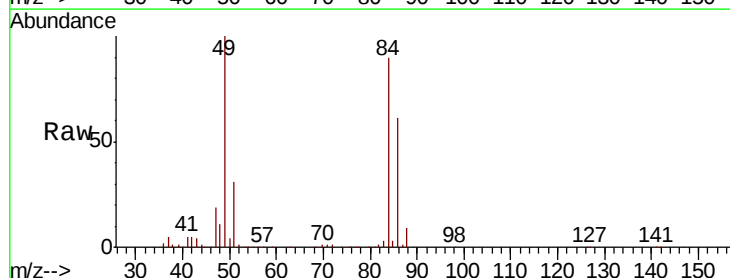
Tot Ion: 73 Resp: 300524
 Ion Ratio Lower Upper
 73 100
 57 21.9 16.4 24.6

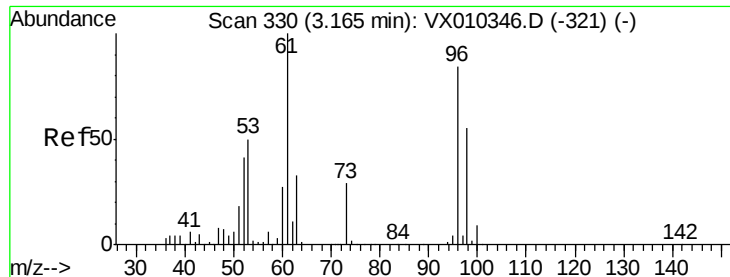


#20

Methylene Chloride
 Concen: 44.922 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX010848.D
 Acq: 12 Jul 2019 19:56

Tgt Ion: 84 Resp: 103317
 Ion Ratio Lower Upper
 84 100
 49 111.5 87.5 131.3
 51 34.9 27.7 41.5
 86 67.7 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 43.464 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010848.D

Acq: 12 Jul 2019 19:56

Instrument :

MSVOA_X

ClientSampleId :

FL-0583MSD

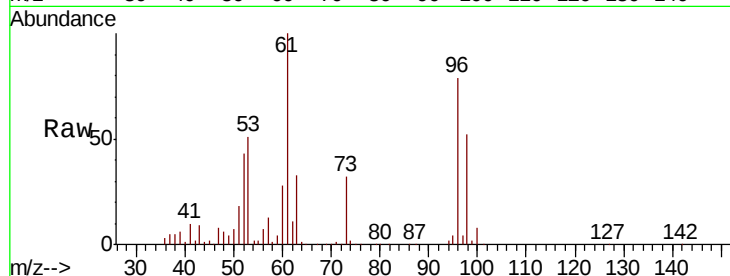
Tot Ion: 96 Resp: 96366

Ion Ratio Lower Upper

96 100

61 127.2 95.6 143.4

98 66.3 52.5 78.7

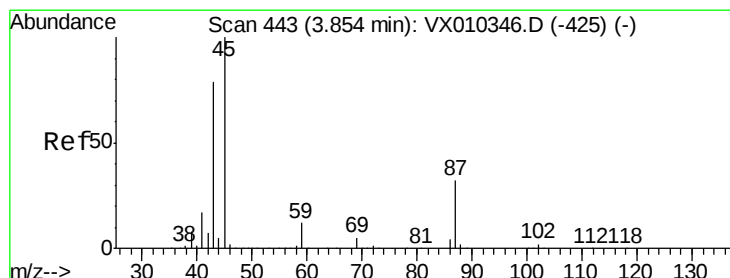
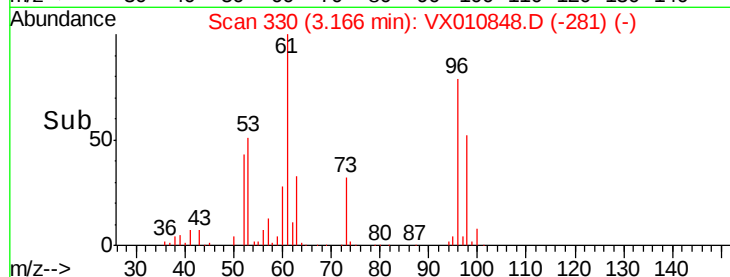
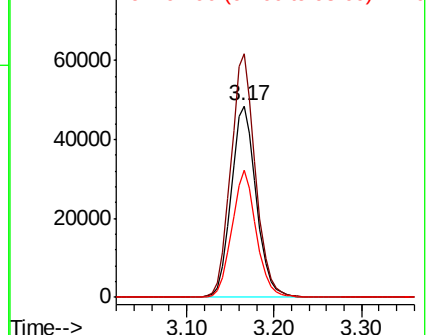


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 46.625 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX010848.D

Acq: 12 Jul 2019 19:56

Tgt Ion: 45 Resp: 285305

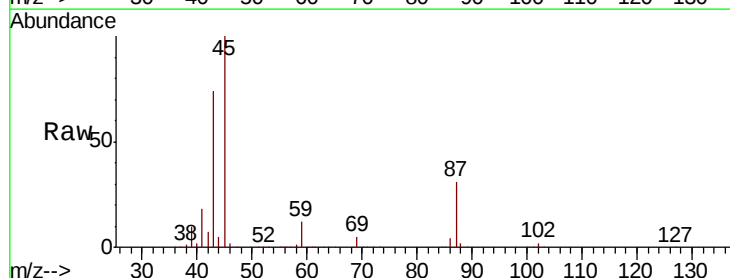
Ion Ratio Lower Upper

45 100

43 73.2 63.3 94.9

87 31.4 25.8 38.8

59 11.9 9.6 14.4



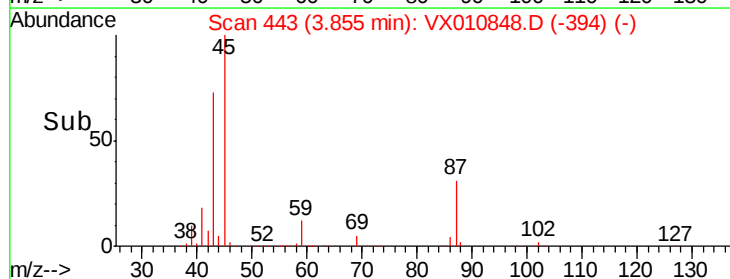
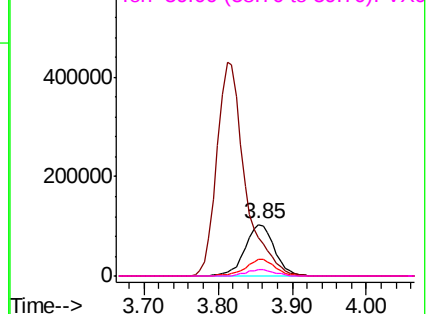
Abundance

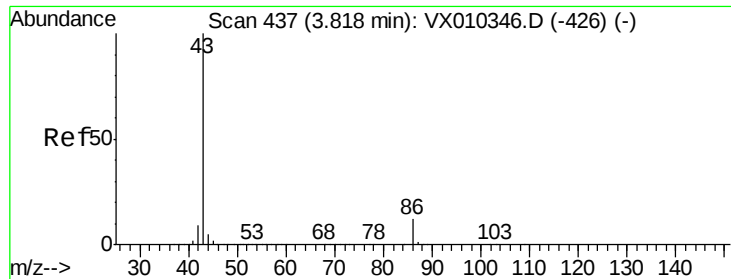
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 214.224 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX010848.D

Acq: 12 Jul 2019 19:56

Instrument :

MSVOA_X

ClientSampleId :

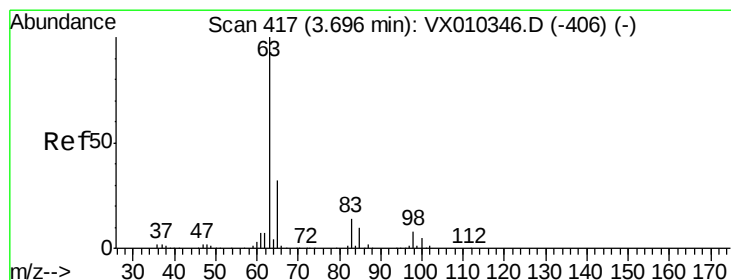
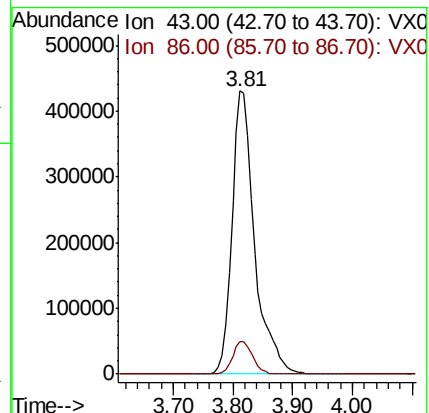
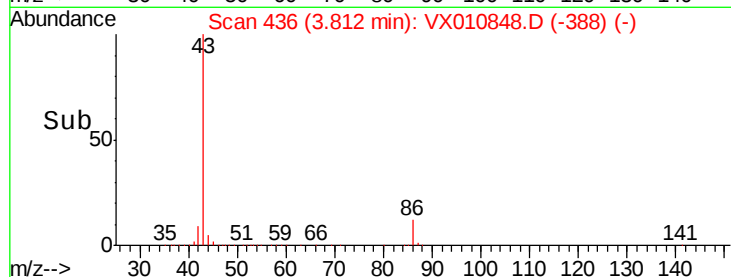
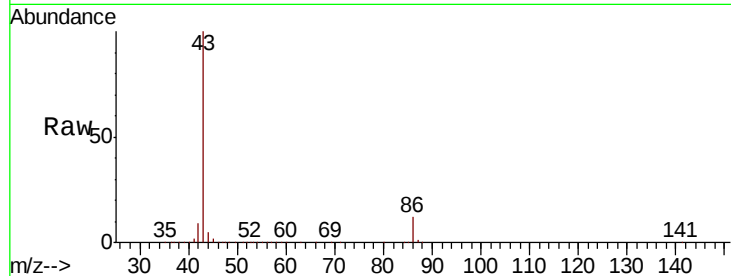
FL-0583MSD

Tot Ion: 43 Resp: 1132445

Ion Ratio Lower Upper

43 100

86 11.7 9.9 14.9



#24

1,1-Dichloroethane

Concen: 46.179 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010848.D

Acq: 12 Jul 2019 19:56

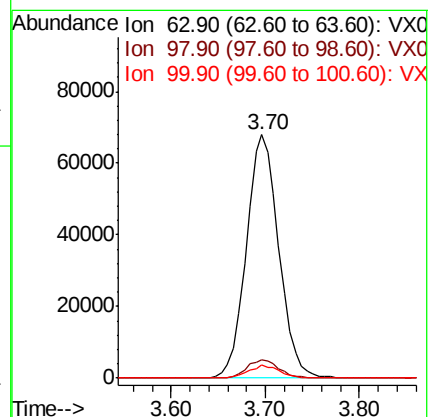
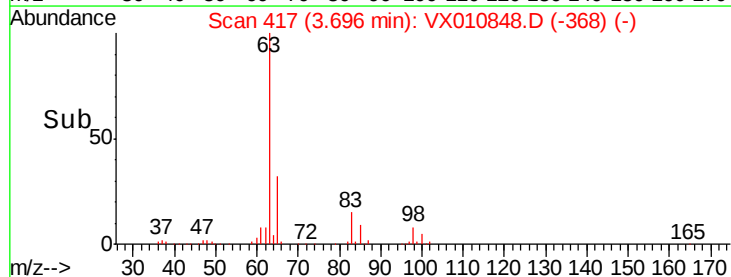
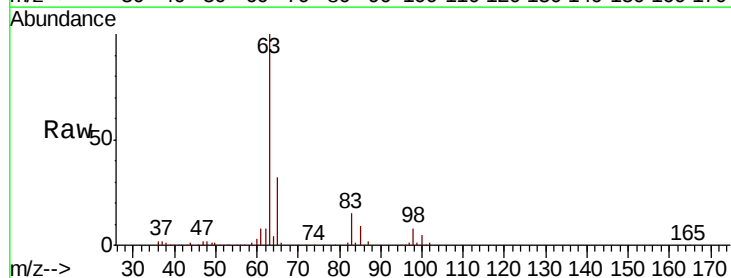
Tgt Ion: 63 Resp: 163340

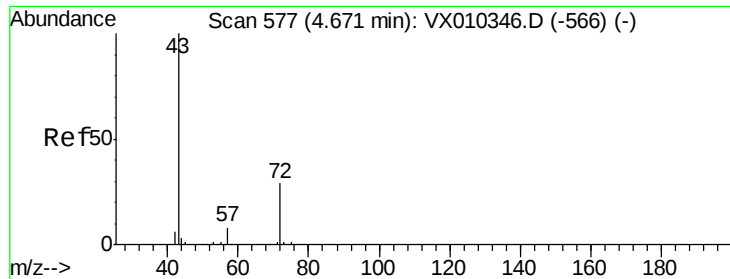
Ion Ratio Lower Upper

63 100

98 7.8 3.9 11.7

100 5.4 2.4 7.1





#25

2-Butanone

Concen: 221.400 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX010848.D

Acq: 12 Jul 2019 19:56

Instrument :

MSVOA_X

ClientSampleId :

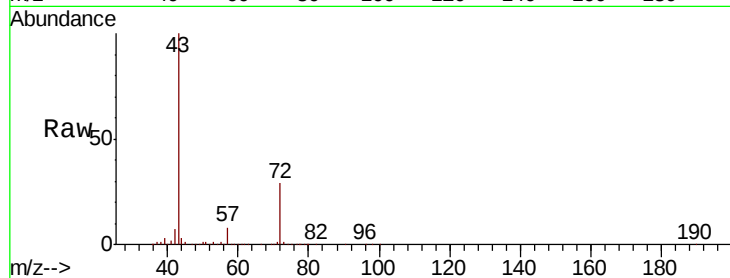
FL-0583MSD

Tot Ion: 43 Resp: 362950

Ion Ratio Lower Upper

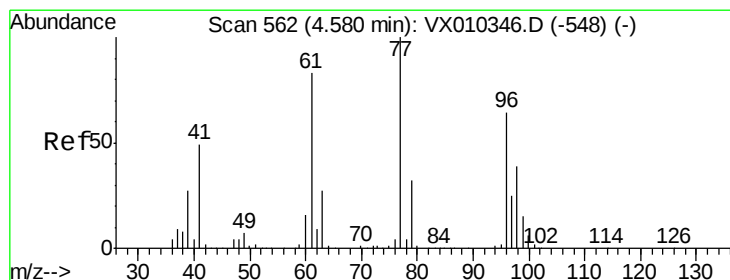
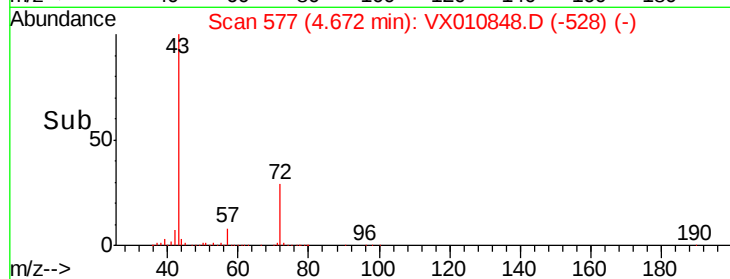
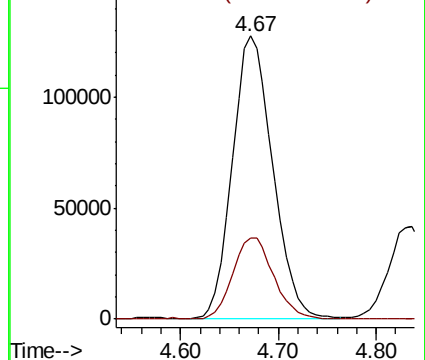
43 100

72 28.8 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 34.894 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX010848.D

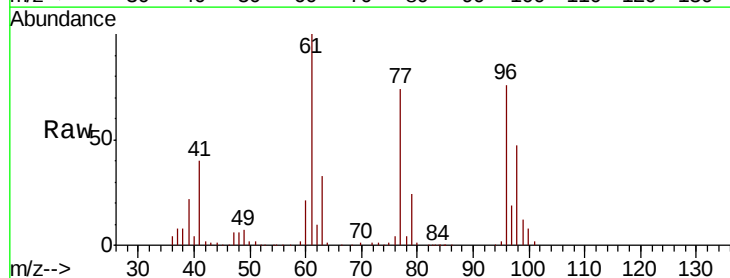
Acq: 12 Jul 2019 19:56

Tgt Ion: 77 Resp: 107217

Ion Ratio Lower Upper

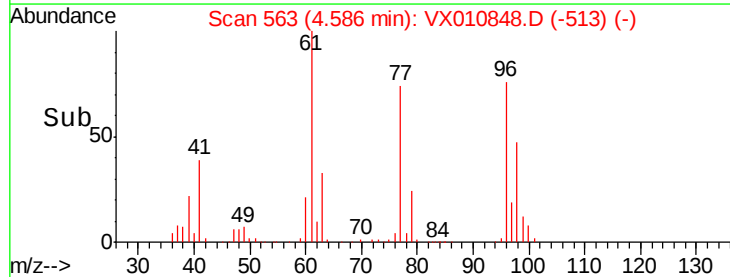
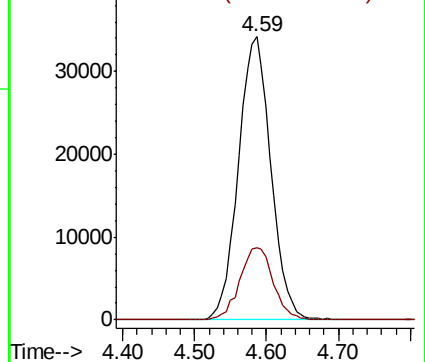
77 100

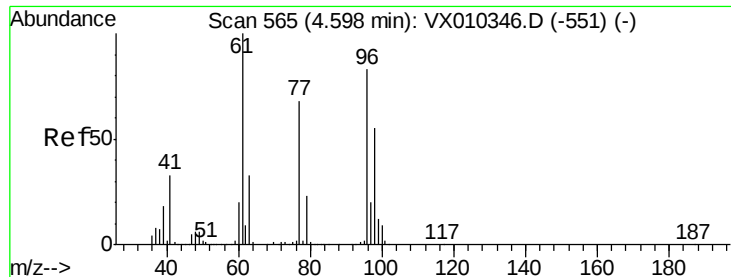
97 26.1 13.1 39.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



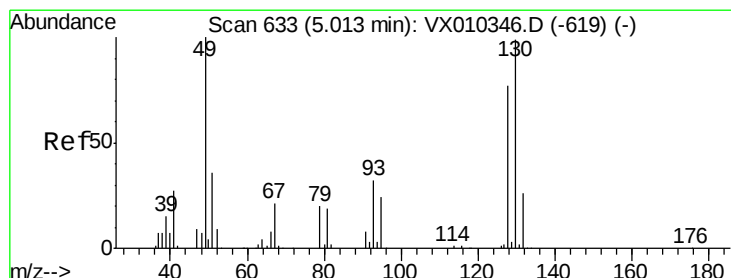
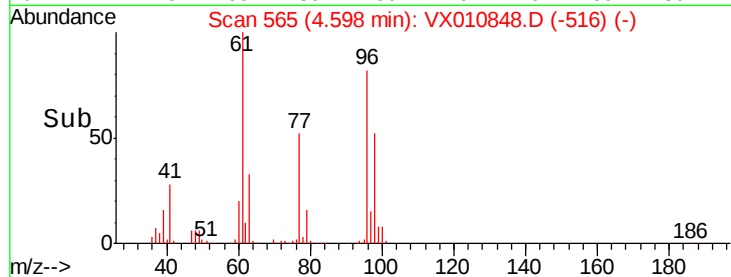
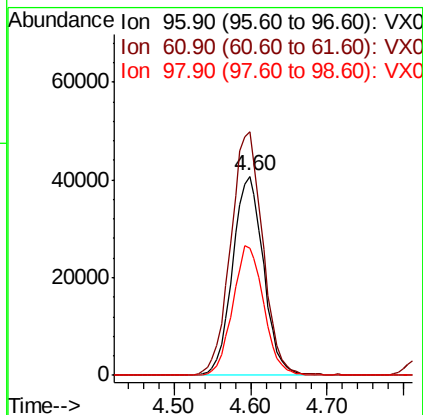
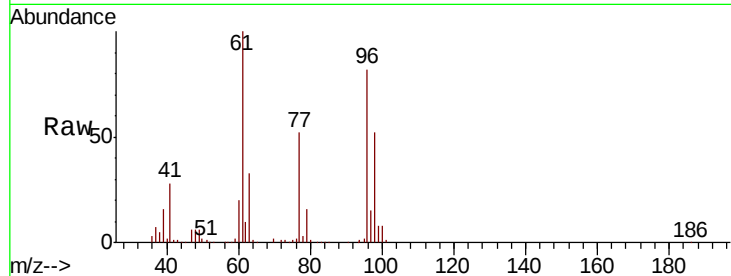


#27

cis-1,2-Dichloroethene
 Concen: 44.476 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX010848.D
 Acq: 12 Jul 2019 19:56

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0583MSD

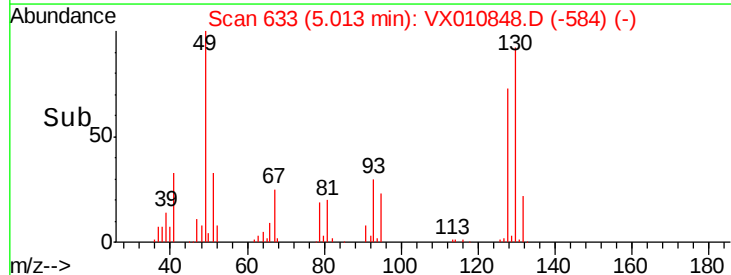
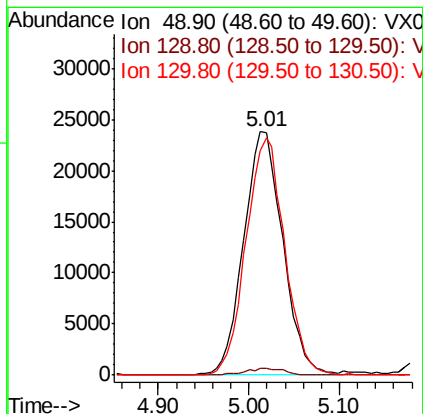
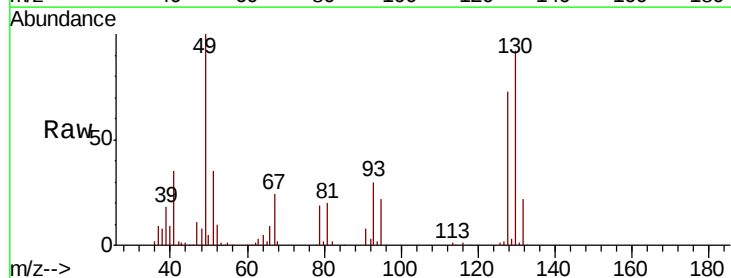
Tot Ion: 96 Resp: 113953
 Ion Ratio Lower Upper
 96 100
 61 127.1 0.0 251.8
 98 65.2 0.0 129.4

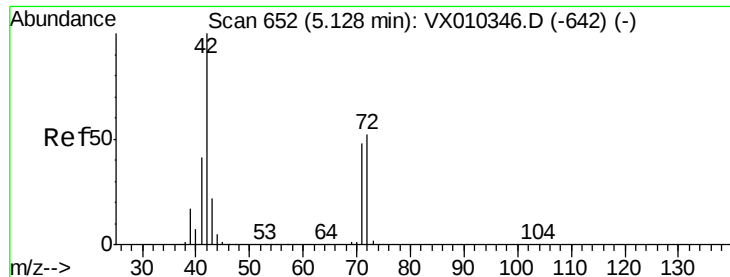


#28

Bromochloromethane
 Concen: 42.091 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: VX010848.D
 Acq: 12 Jul 2019 19:56

Tgt Ion: 49 Resp: 71181
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 5.6
 130 96.2 81.4 122.0





#29

Tetrahydrofuran

Concen: 232.605 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.00 min

Lab File: VX010848.D

Acq: 12 Jul 2019 19:56

Instrument :

MSVOA_X

ClientSampled :

FL-0583MSD

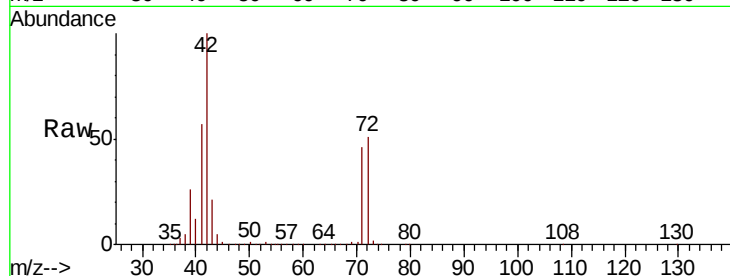
Tot Ion: 42 Resp: 236191

Ion Ratio Lower Upper

42 100

72 49.7 40.6 60.8

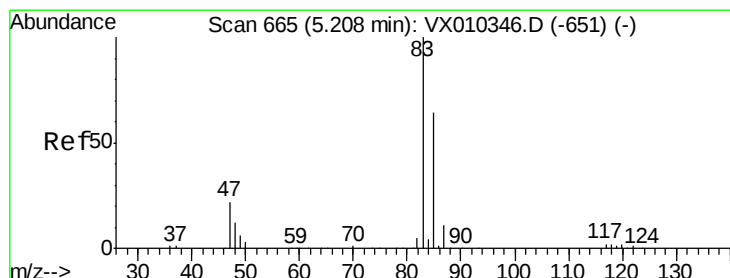
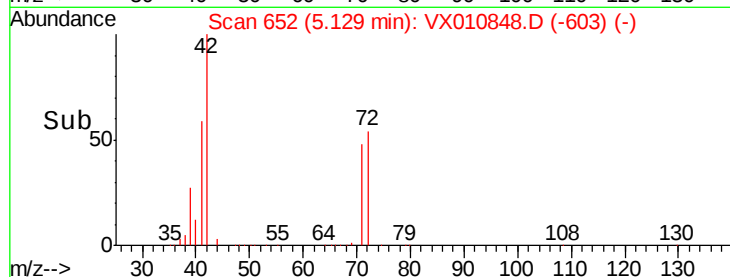
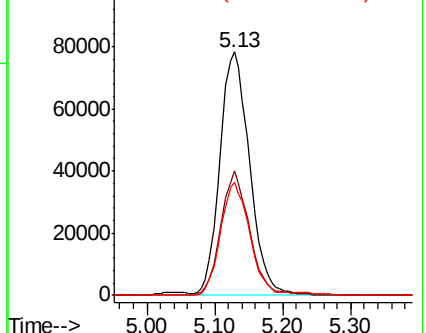
71 45.6 37.8 56.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 45.759 ug/l

RT: 5.21 min Scan# 665

Delta R.T. 0.00 min

Lab File: VX010848.D

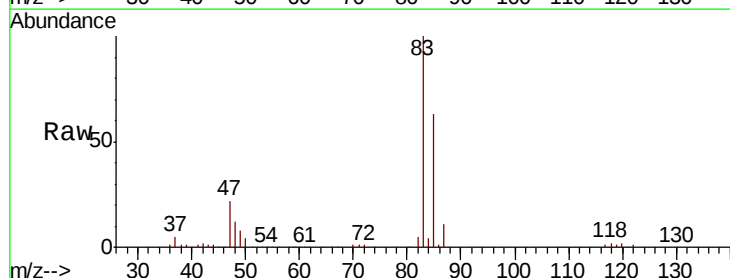
Acq: 12 Jul 2019 19:56

Tgt Ion: 83 Resp: 174144

Ion Ratio Lower Upper

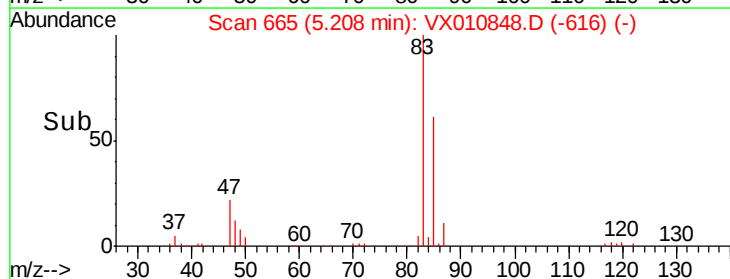
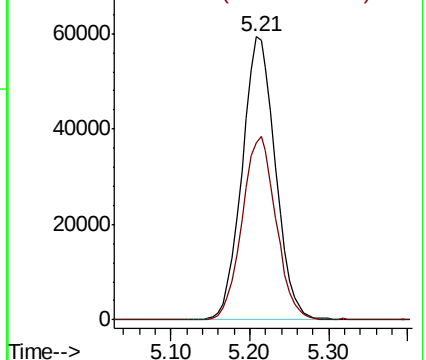
83 100

85 62.8 50.9 76.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 46.434 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010848.D

Acq: 12 Jul 2019 19:56

Instrument :

MSVOA_X

ClientSampleId :

FL-0583MSD

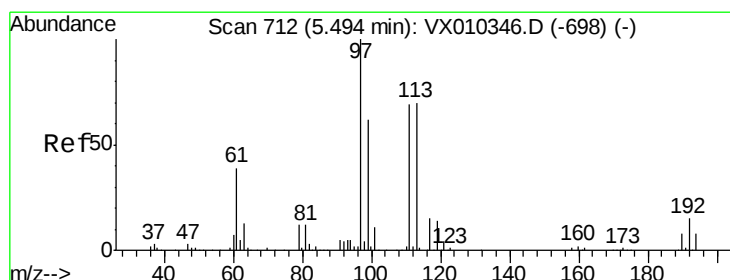
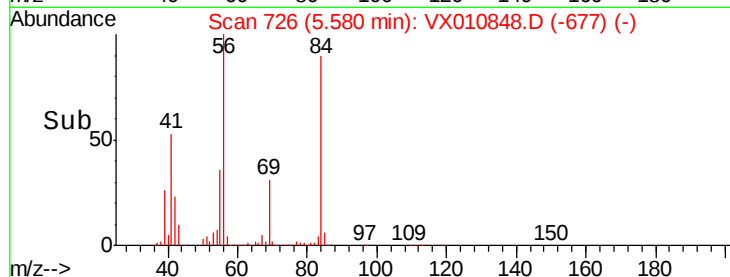
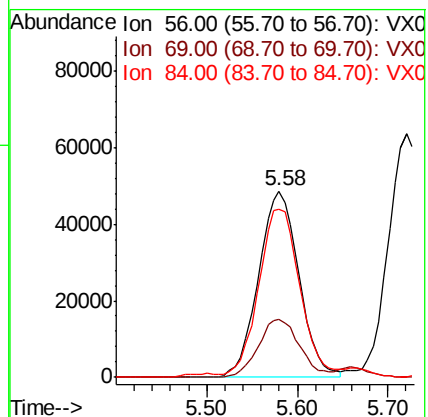
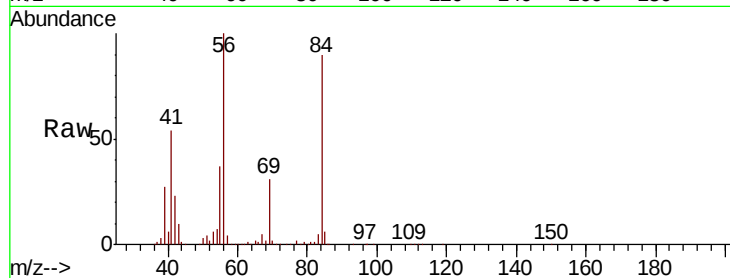
Tot Ion: 56 Resp: 149563

Ion Ratio Lower Upper

56 100

69 31.1 25.9 38.9

84 88.6 78.0 117.0



#32

1,1,1-Trichloroethane

Concen: 45.802 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX010848.D

Acq: 12 Jul 2019 19:56

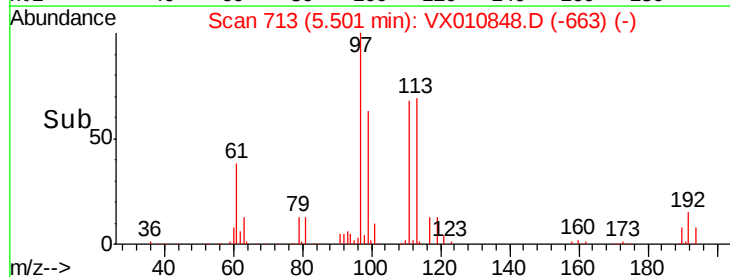
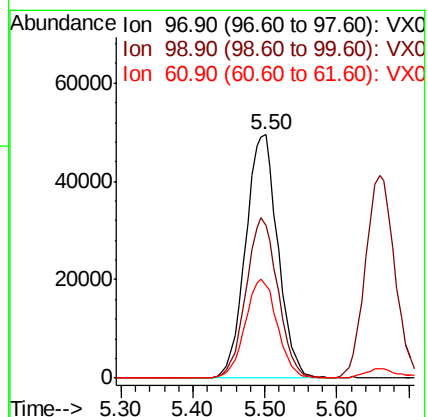
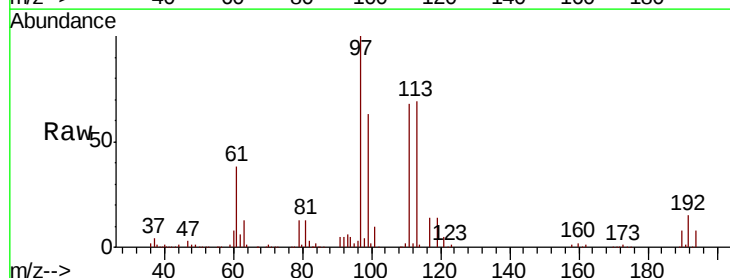
Tgt Ion: 97 Resp: 153913

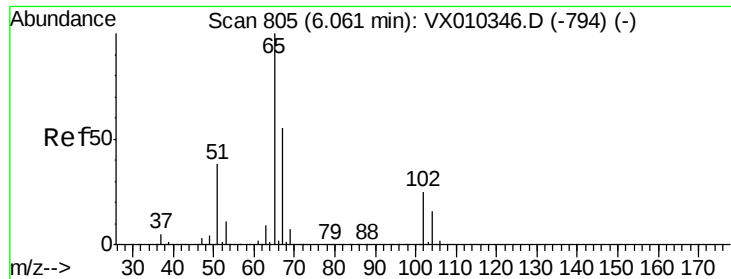
Ion Ratio Lower Upper

97 100

99 64.8 51.8 77.8

61 40.6 32.1 48.1

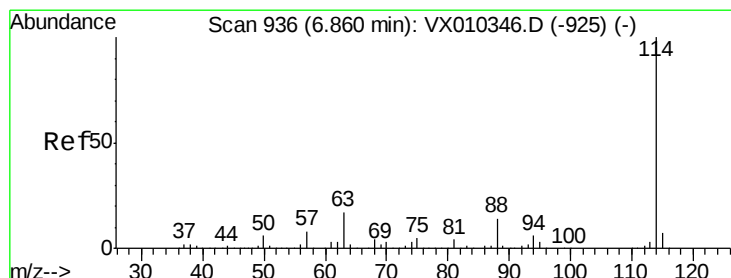
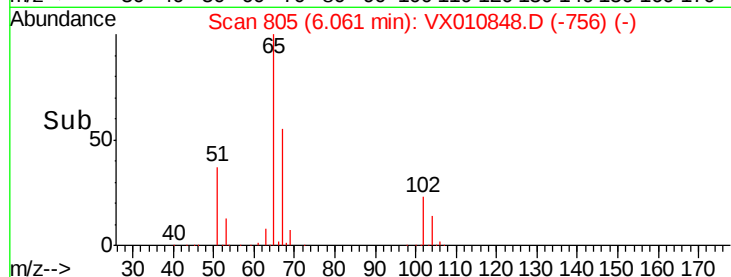
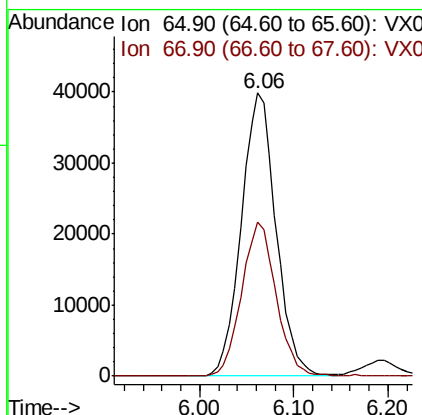
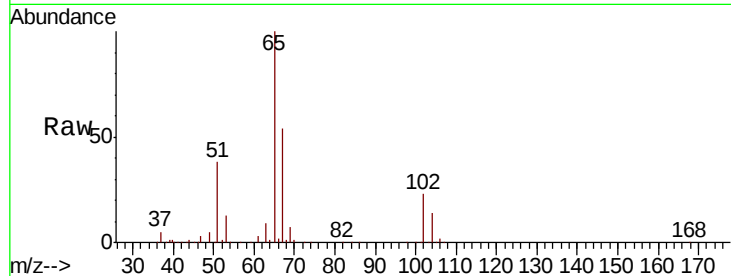




#33
 1,2-Dichloroethane-d4
 Concen: 46.118 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010848.D
 Acq: 12 Jul 2019 19:56

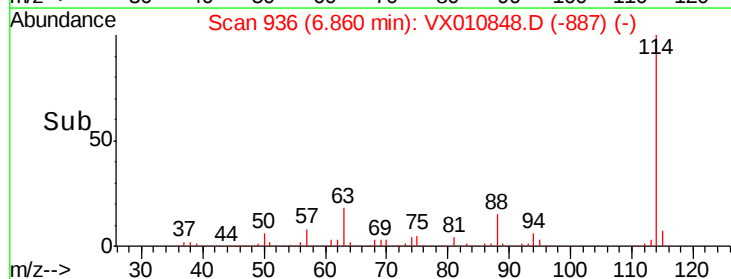
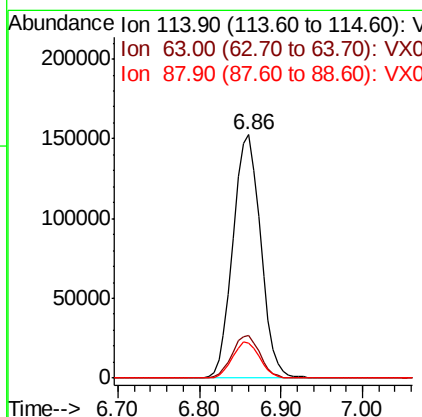
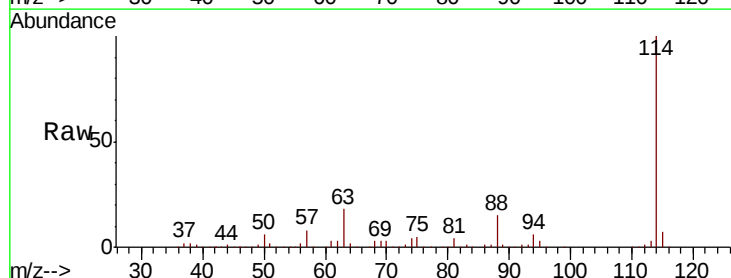
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0583MSD

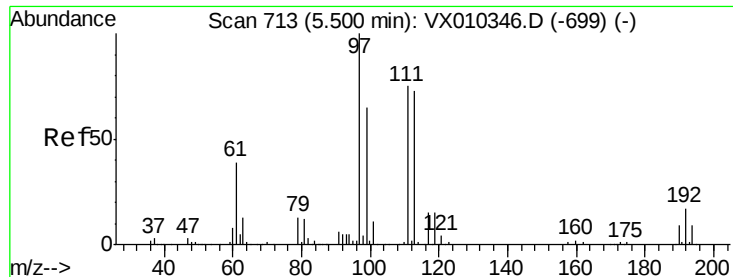
Tot Ion: 65 Resp: 102840
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010848.D
 Acq: 12 Jul 2019 19:56

Tgt Ion: 114 Resp: 358360
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 33.8
 88 14.6 0.0 27.6

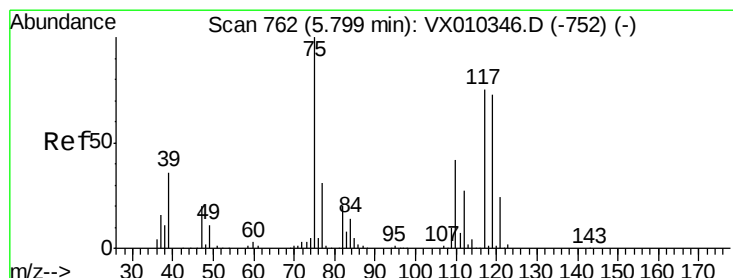
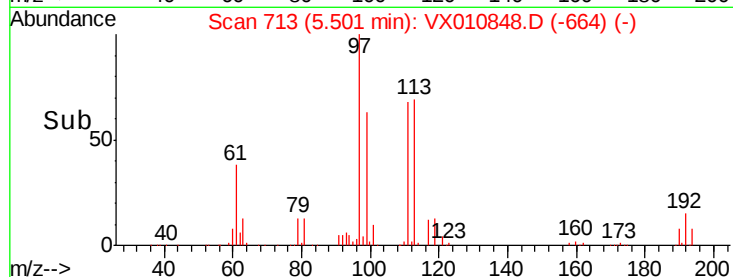
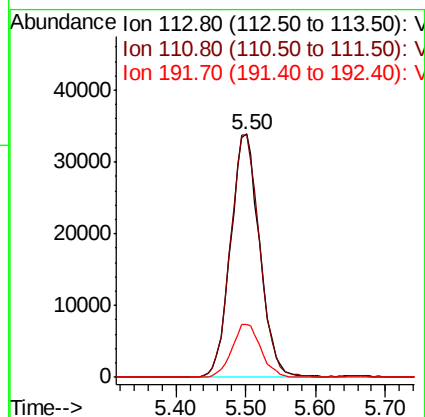
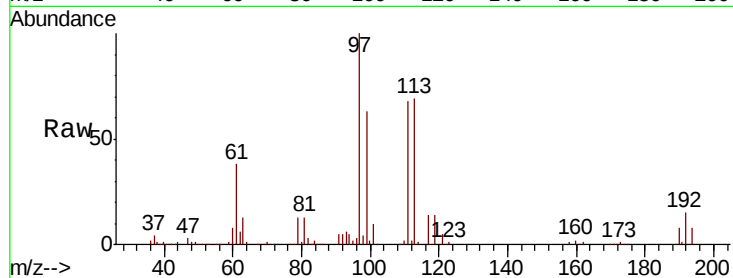




#35
 Dibromofluoromethane
 Concen: 44.487 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010848.D
 Acq: 12 Jul 2019 19:56

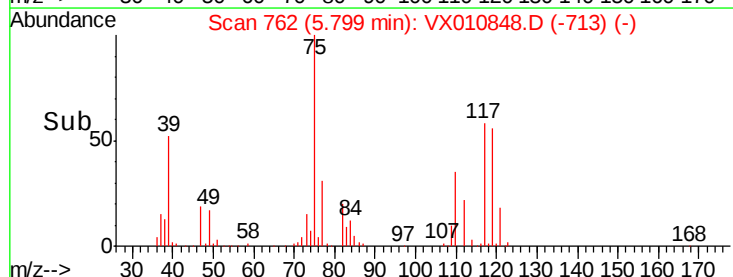
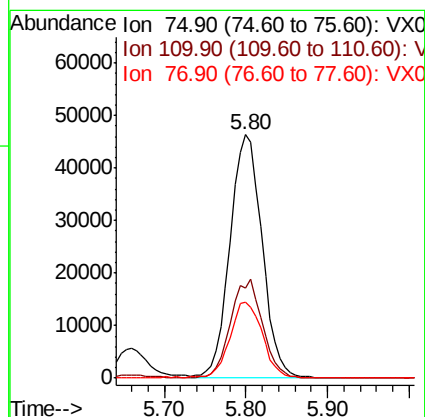
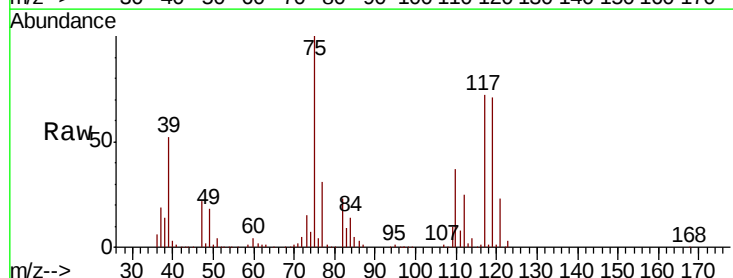
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0583MSD

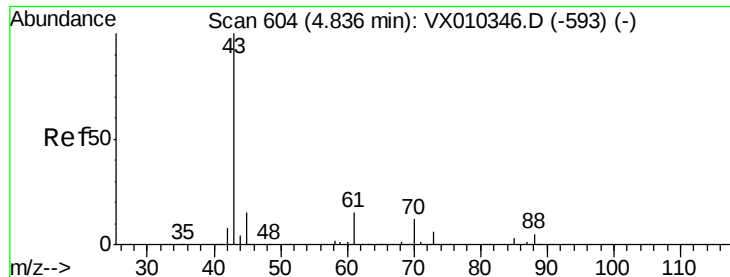
Tot Ion:113 Resp: 97542
 Ion Ratio Lower Upper
 113 100
 111 100.2 81.2 121.8
 192 21.9 18.6 27.8



#36
 1,1-Dichloropropene
 Concen: 44.109 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX010848.D
 Acq: 12 Jul 2019 19:56

Tgt Ion: 75 Resp: 125609
 Ion Ratio Lower Upper
 75 100
 110 40.4 20.8 62.2
 77 31.8 25.4 38.0





#37

Ethyl Acetate

Concen: 42.783 ug/l

RT: 4.84 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX010848.D

Acq: 12 Jul 2019 19:56

Instrument :

MSVOA_X

ClientSampled :

FL-0583MSD

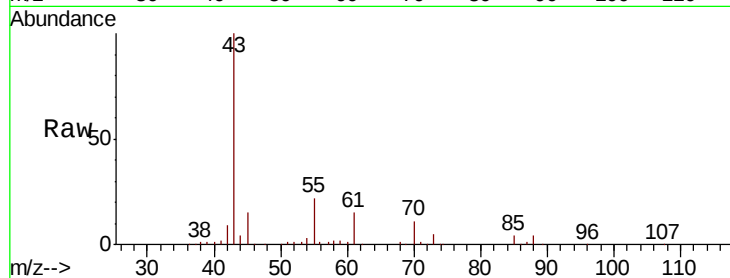
Tot Ion: 43 Resp: 125337

Ion Ratio Lower Upper

43 100

61 14.9 12.4 18.6

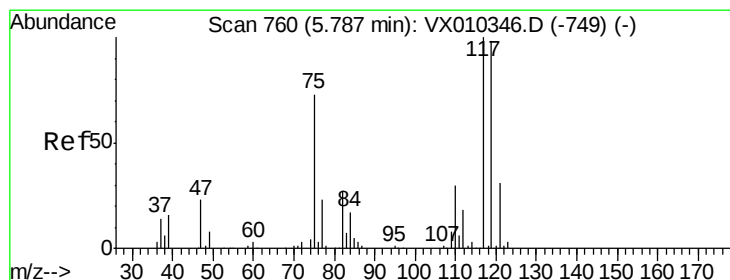
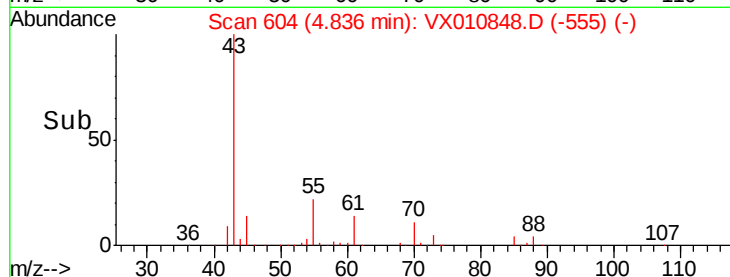
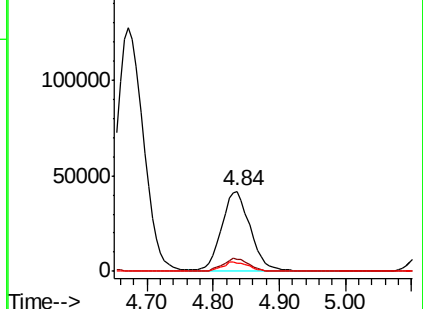
70 11.3 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 43.007 ug/l

RT: 5.79 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX010848.D

Acq: 12 Jul 2019 19:56

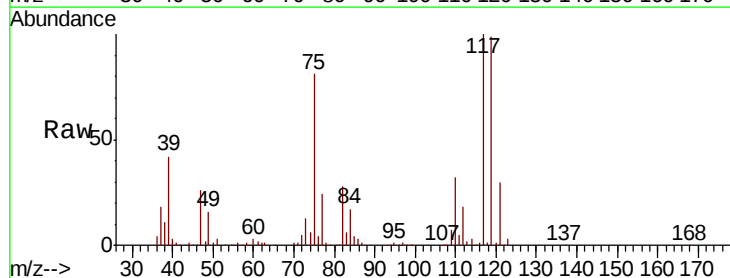
Tgt Ion: 117 Resp: 132620

Ion Ratio Lower Upper

117 100

119 98.9 78.2 117.4

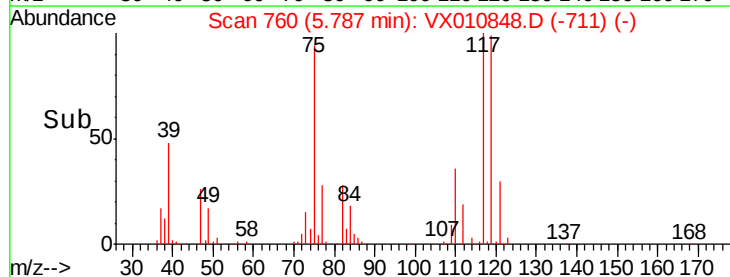
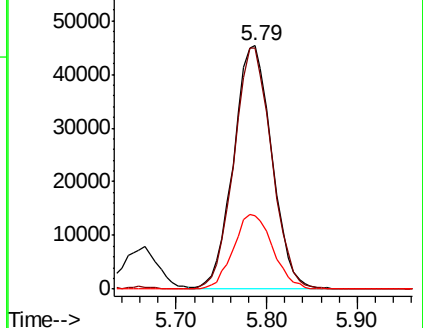
121 30.2 24.7 37.1

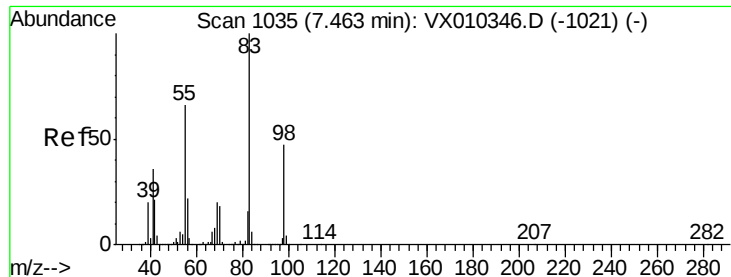


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

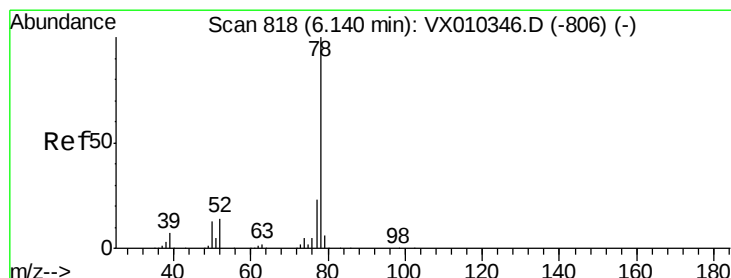
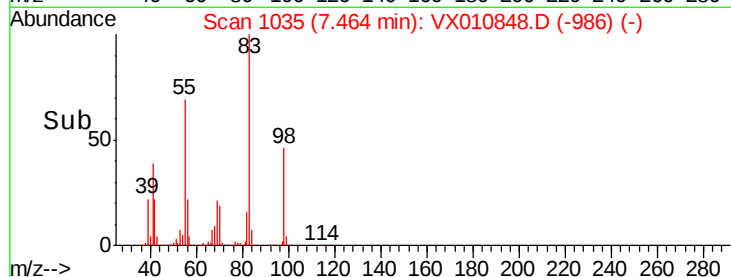
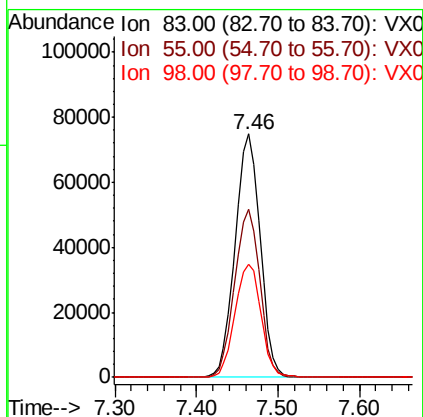
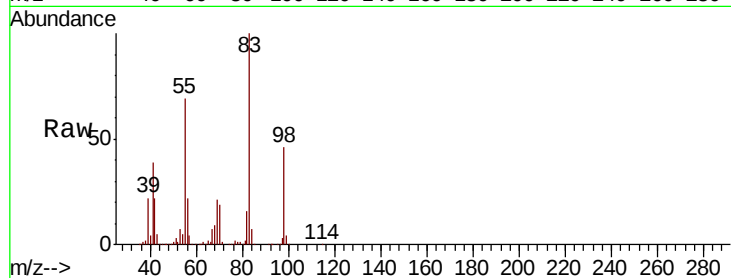




#39
Methvlcvclohexane
Concen: 42.484 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010848.D
Acq: 12 Jul 2019 19:56

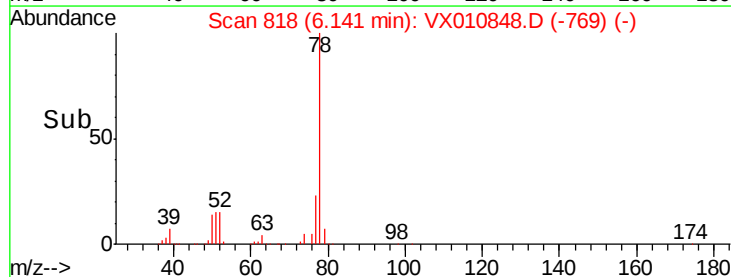
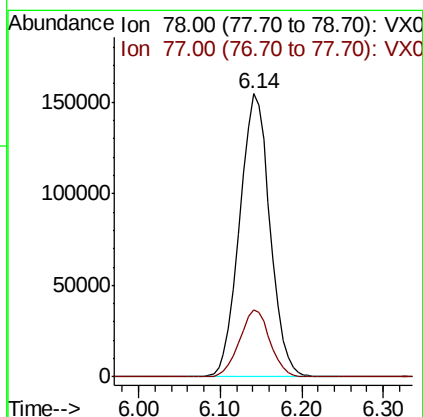
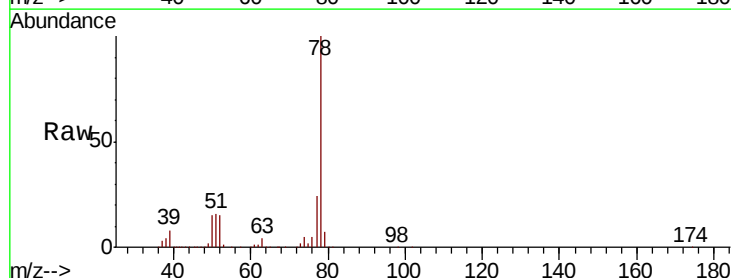
Instrument :
MSVOA_X
ClientSampleId :
FL-0583MSD

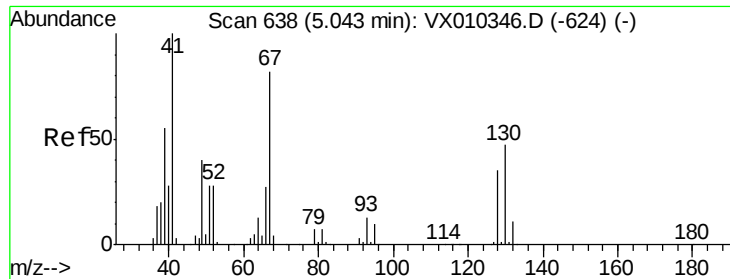
Tot Ion	83	Resp	159027
Ion Ratio	Lower	Upper	
83	100		
55	69.2	53.0	79.6
98	46.4	37.8	56.8



#40
Benzene
Concen: 45.106 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010848.D
Acq: 12 Jul 2019 19:56

Tgt Ion	78	Resp	400185
Ion Ratio	Lower	Upper	
78	100		
77	23.7	18.6	28.0

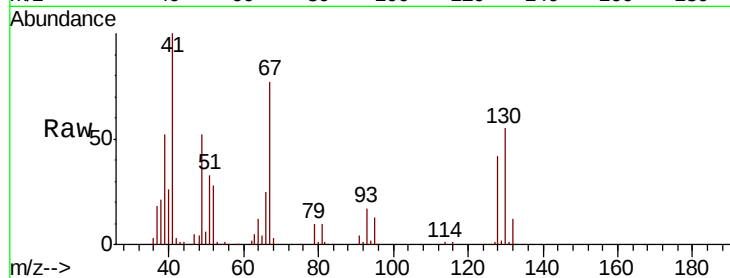




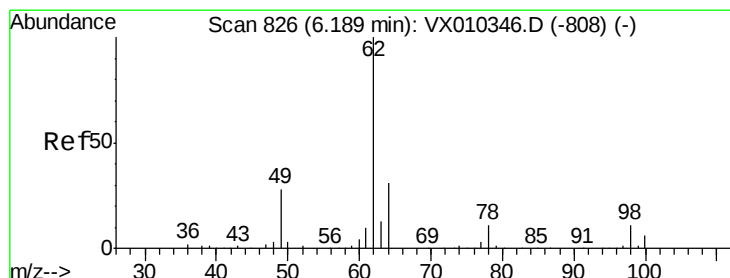
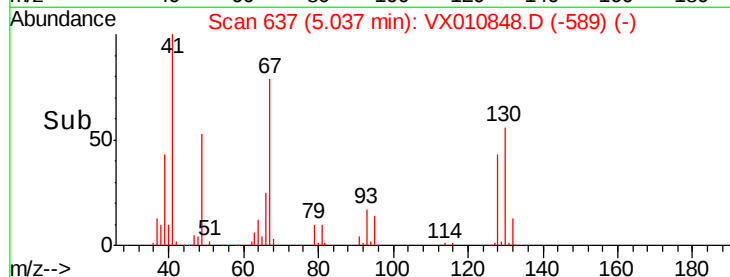
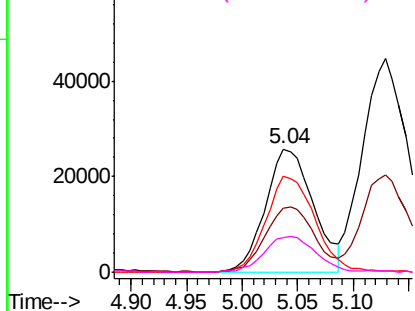
#41
Methacrylonitrile
Concen: 47.851 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX010848.D
Acq: 12 Jul 2019 19:56

Instrument :
MSVOA_X
ClientSampleID :
FL-0583MSD

Tot Ion: 41 Resp: 76918
Ion Ratio Lower Upper
41 100
39 54.2 43.8 65.8
67 80.5 66.6 100.0
52 31.9 24.5 36.7

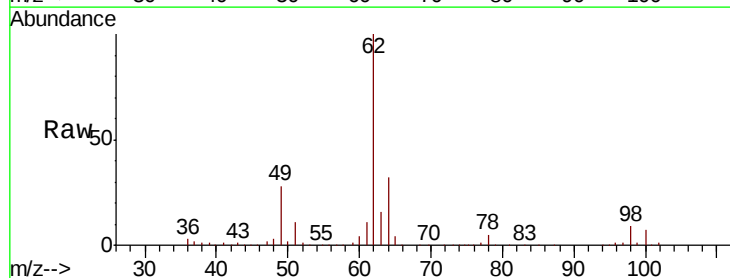


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

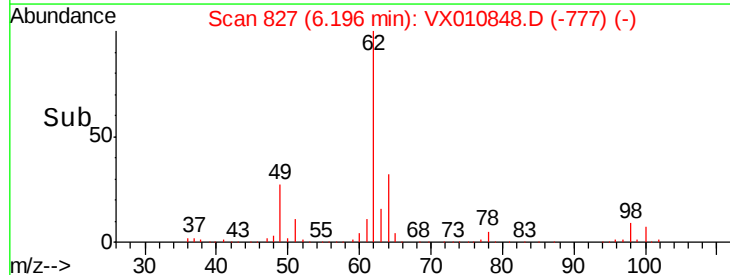
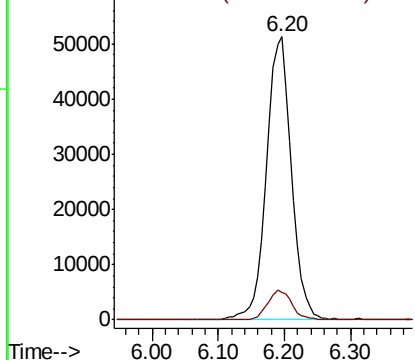


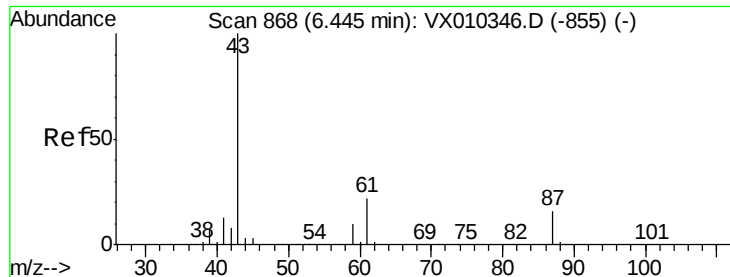
#42
1,2-Dichloroethane
Concen: 49.778 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.01 min
Lab File: VX010848.D
Acq: 12 Jul 2019 19:56

Tgt Ion: 62 Resp: 134434
Ion Ratio Lower Upper
62 100
98 10.4 0.0 22.2



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



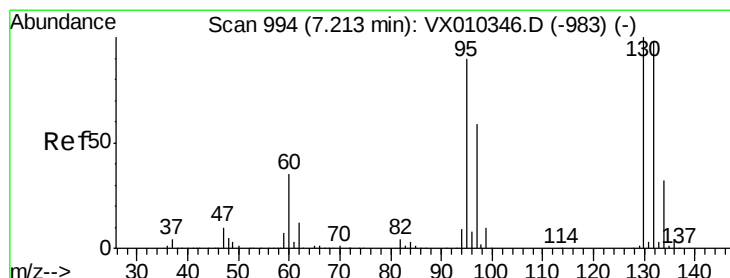
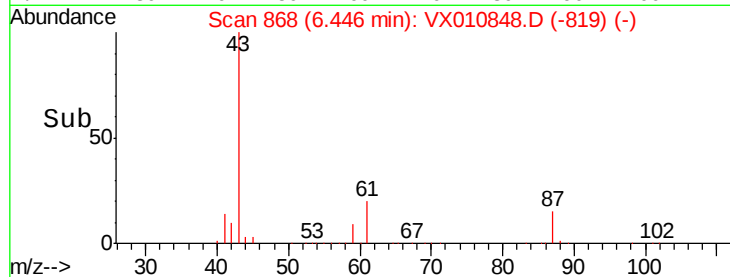
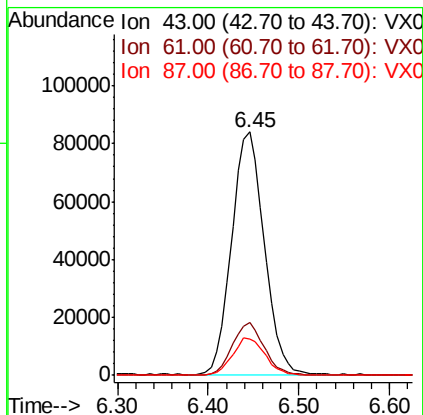
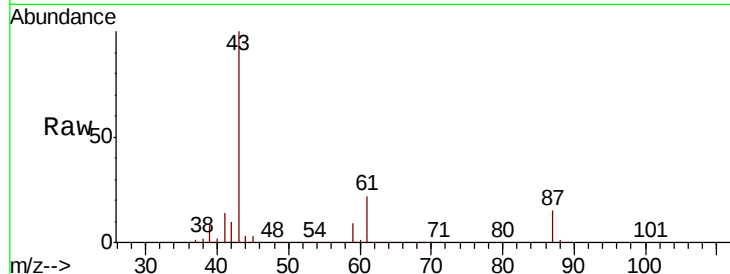


#43

Isopropyl Acetate
 Concen: 43.140 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. 0.00 min
 Lab File: VX010848.D
 Acq: 12 Jul 2019 19:56

Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0583MSD

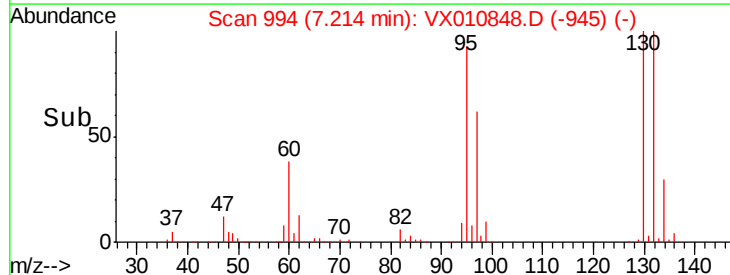
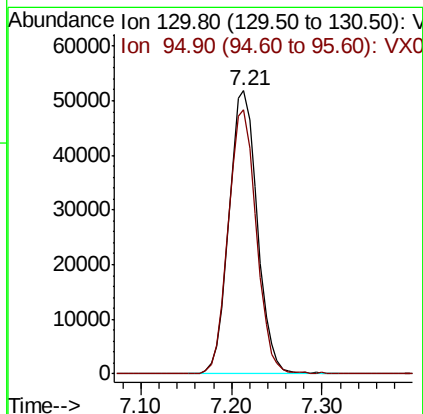
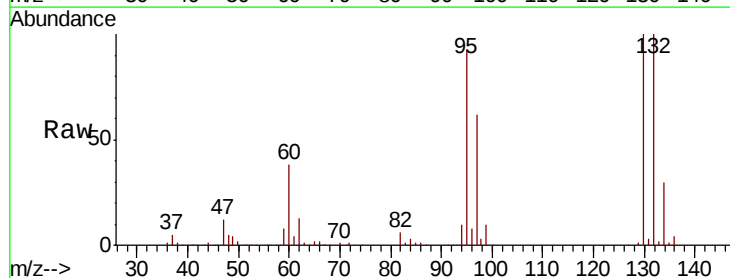
Tot Ion	43	Resp	209102
Ion Ratio	100		
Lower	17.8		
Upper	26.6		
61	21.2		
87	15.4		
	13.0		

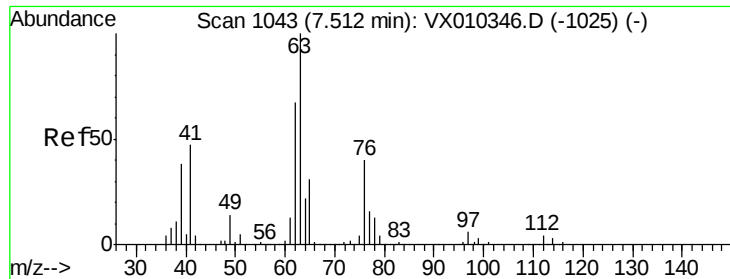


#44

Trichloroethene
 Concen: 42.292 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX010848.D
 Acq: 12 Jul 2019 19:56

Tgt Ion	130	Resp	112274
Ion Ratio	100		
Lower	0.0		
Upper	180.8		
95	93.3		





#45

1,2-Dichloropropane

Concen: 44.920 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX010848.D

Acq: 12 Jul 2019 19:56

Instrument :

MSVOA_X

ClientSampleId :

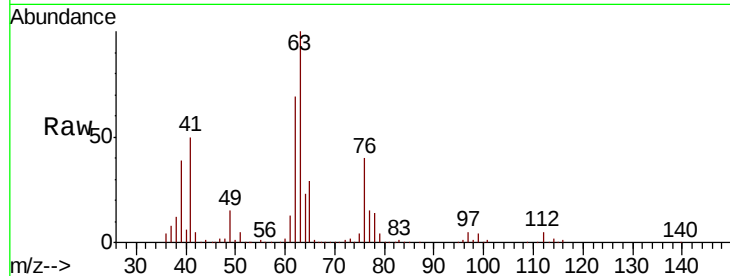
FL-0583MSD

Tot Ion: 63 Resp: 100640

Ion Ratio Lower Upper

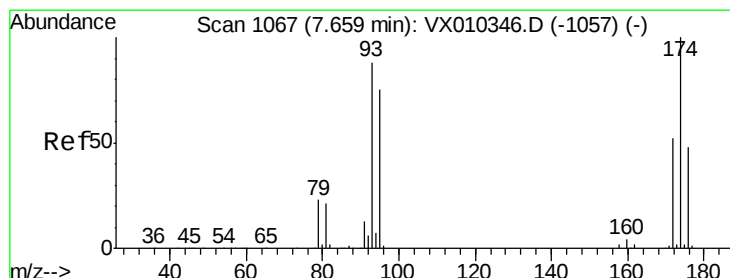
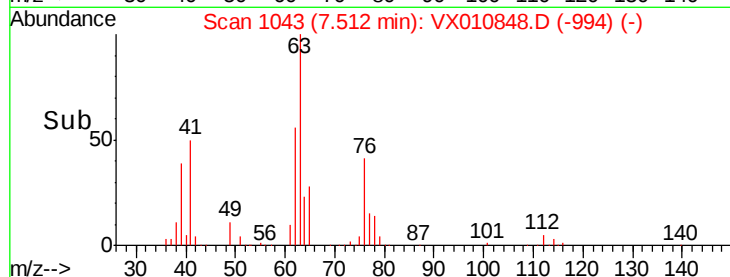
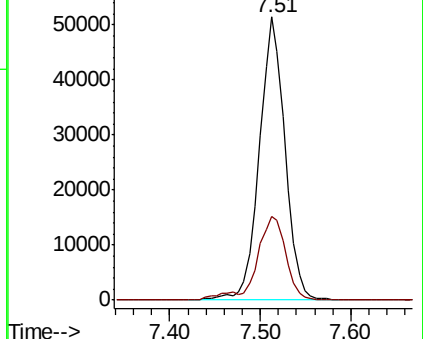
63 100

65 29.4 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 45.238 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX010848.D

Acq: 12 Jul 2019 19:56

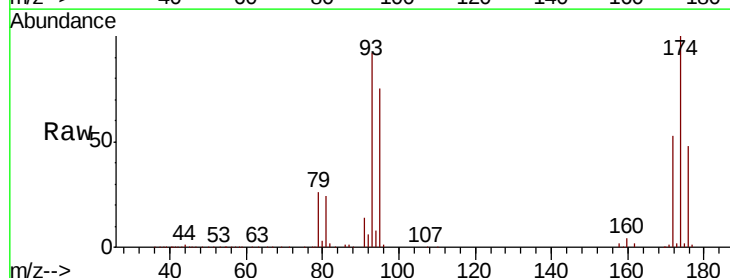
Tgt Ion: 93 Resp: 72718

Ion Ratio Lower Upper

93 100

95 83.3 67.5 101.3

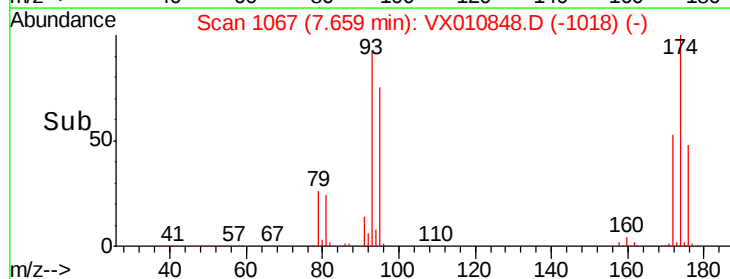
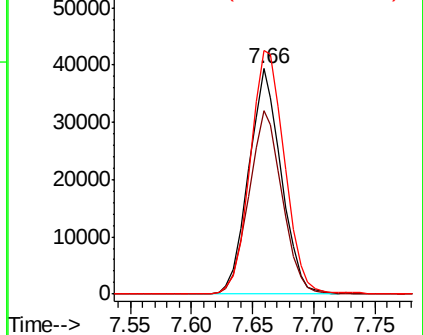
174 115.0 95.8 143.6

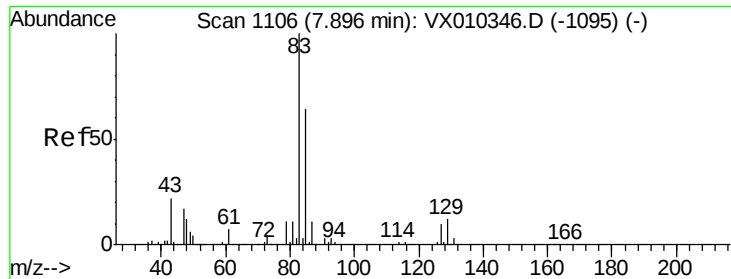


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

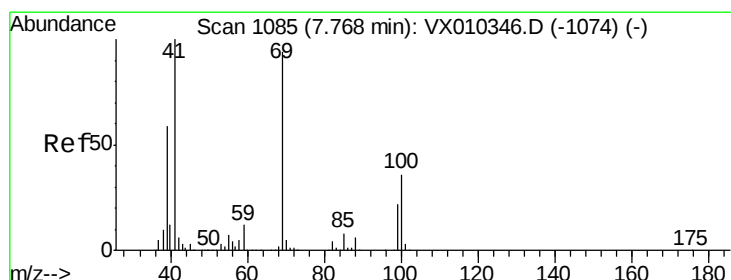
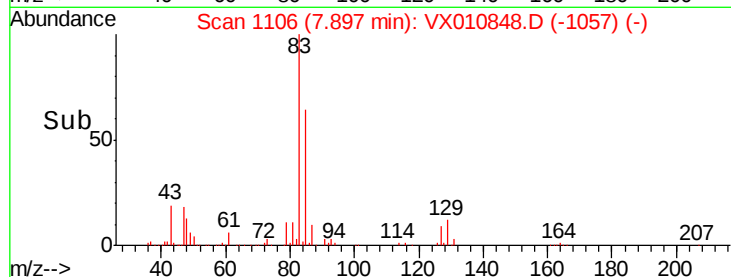
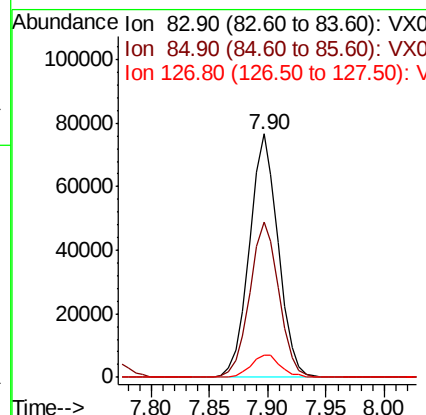
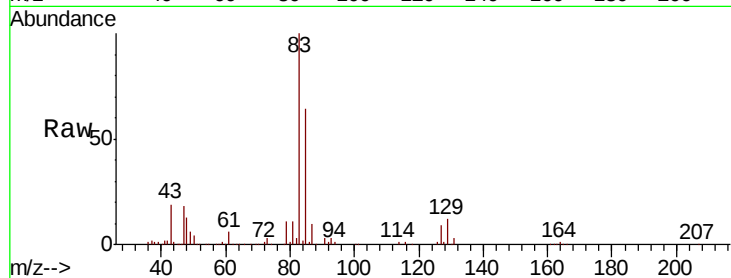




#47
 Bromodichloromethane
 Concen: 44.815 ug/l
 RT: 7.90 min Scan# 1106
 Delta R.T. 0.00 min
 Lab File: VX010848.D
 Acq: 12 Jul 2019 19:56

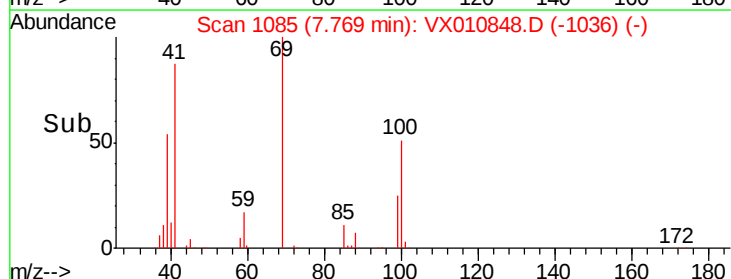
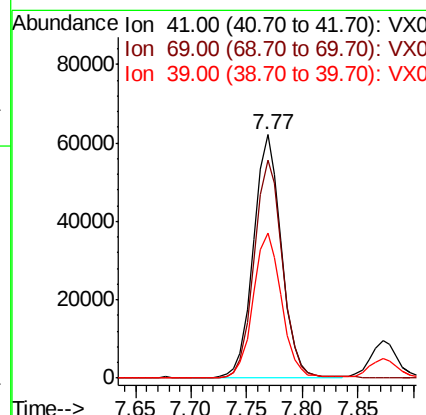
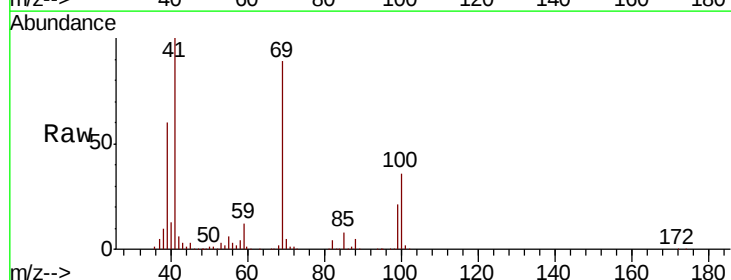
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0583MSD

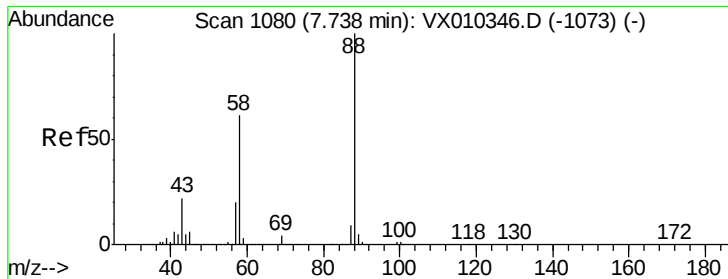
Tot Ion: 83 Resp: 132020
 Ion Ratio Lower Upper
 83 100
 85 63.7 51.5 77.3
 127 9.0 7.8 11.8



#48
 Methyl methacrylate
 Concen: 48.041 ug/l
 RT: 7.77 min Scan# 1085
 Delta R.T. 0.00 min
 Lab File: VX010848.D
 Acq: 12 Jul 2019 19:56

Tgt Ion: 41 Resp: 108235
 Ion Ratio Lower Upper
 41 100
 69 90.9 76.1 114.1
 39 60.0 47.6 71.4

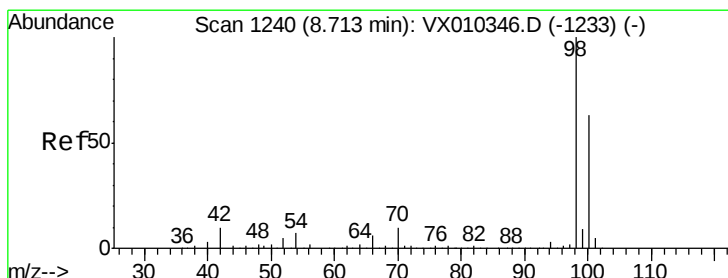
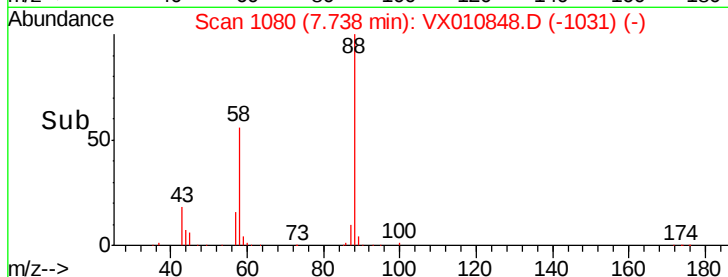
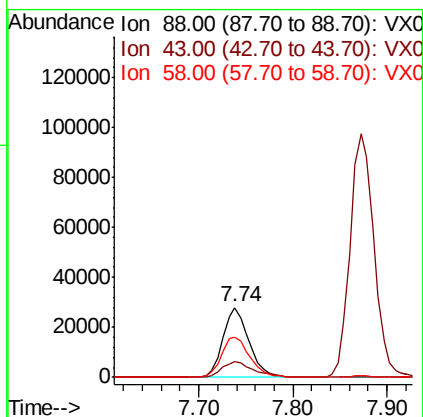
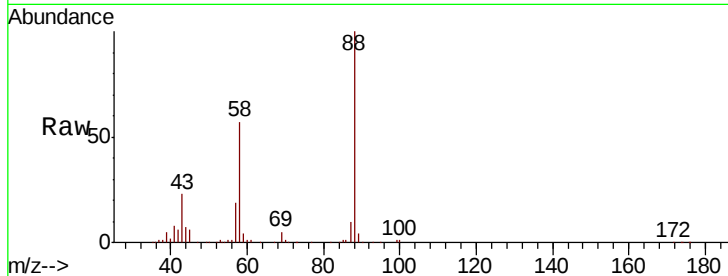




#49
1,4-Dioxane
Concen: 820.006 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX010848.D
Acq: 12 Jul 2019 19:56

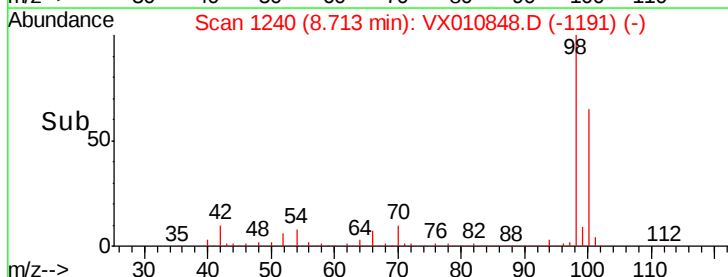
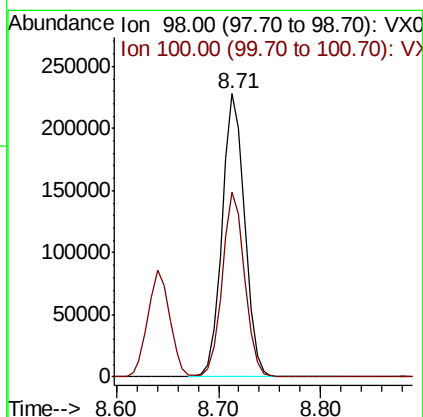
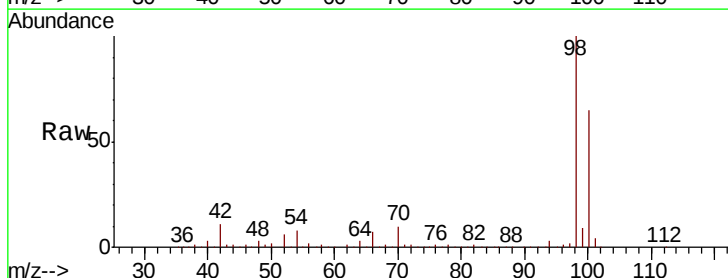
Instrument :
MSVOA_X
ClientSampleId :
FL-0583MSD

Tot Ion: 88 Resp: 53220
Ion Ratio Lower Upper
88 100
43 27.3 20.2 30.2
58 62.9 49.5 74.3



#50
Toluene-d8
Concen: 41.670 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010848.D
Acq: 12 Jul 2019 19:56

Tgt Ion: 98 Resp: 349547
Ion Ratio Lower Upper
98 100
100 64.5 51.6 77.4





#51

4-Methyl-2-Pentanone

Concen: 242.298 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX010848.D

Acq: 12 Jul 2019 19:56

Instrument :

MSVOA_X

ClientSampled :

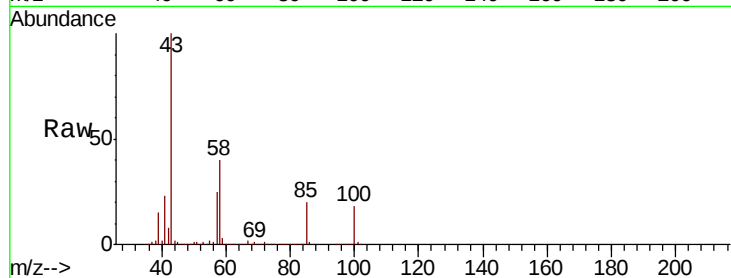
FL-0583MSD

Tot Ion: 43 Resp: 751116

Ion Ratio Lower Upper

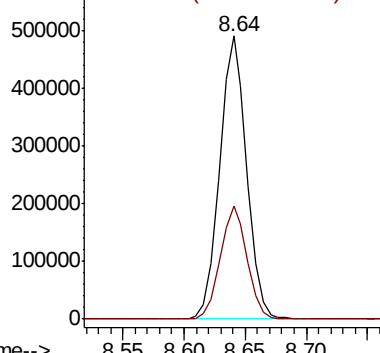
43 100

58 39.7 33.5 50.3

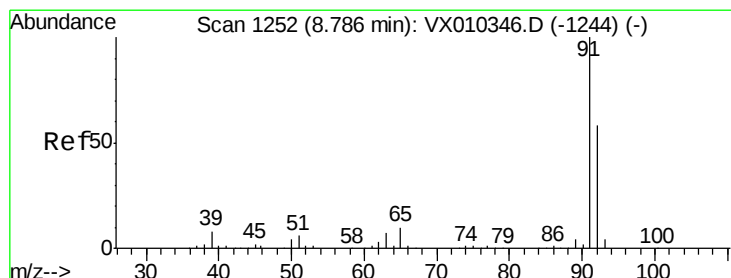
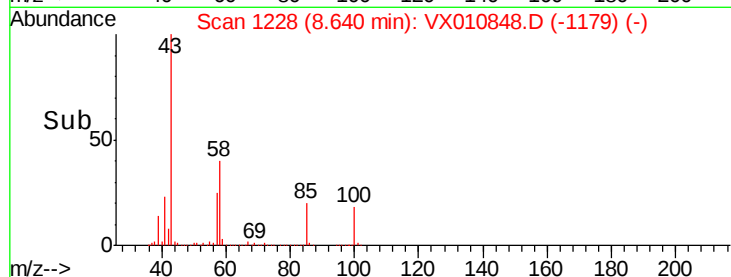


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#52

Toluene

Concen: 44.379 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX010848.D

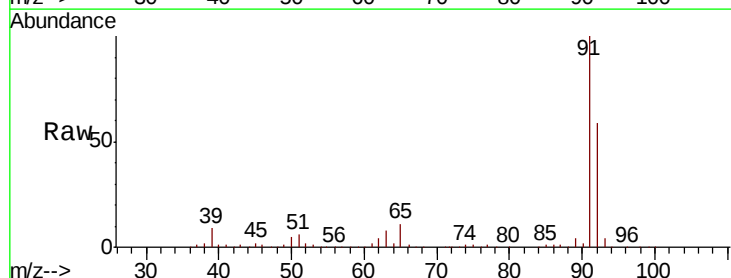
Acq: 12 Jul 2019 19:56

Tgt Ion: 92 Resp: 259284

Ion Ratio Lower Upper

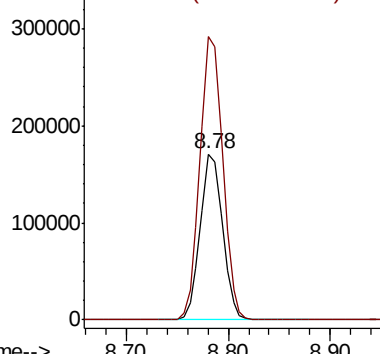
92 100

91 174.6 139.8 209.6

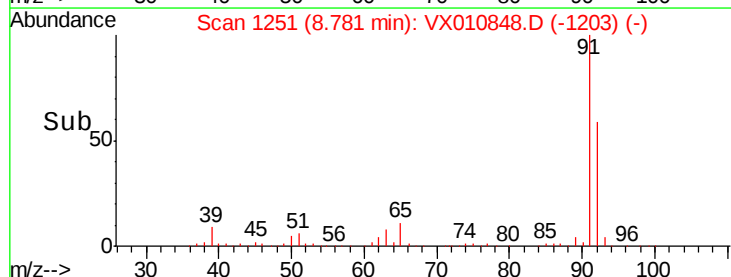


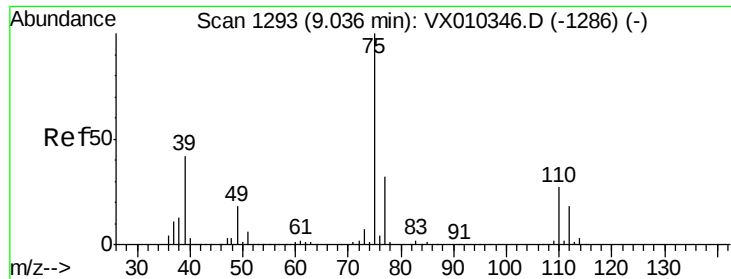
Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



Time-->

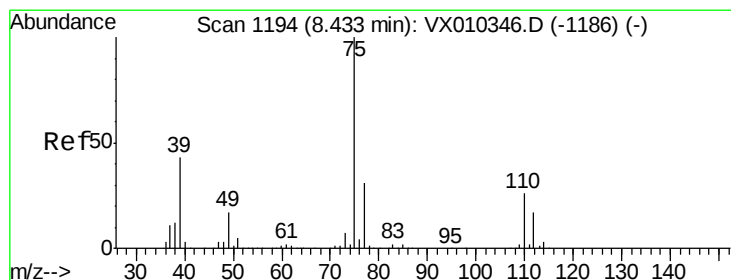
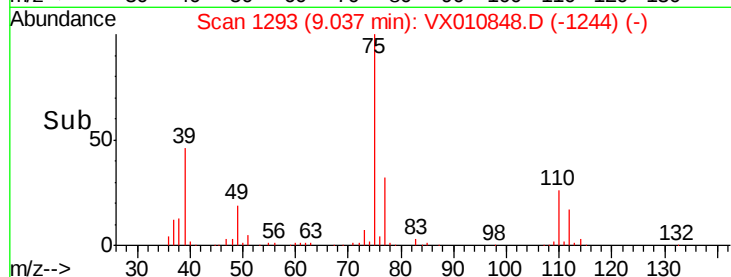
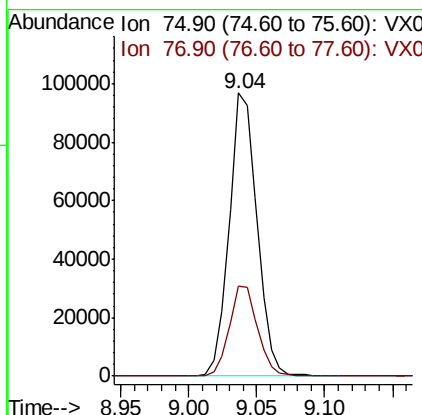
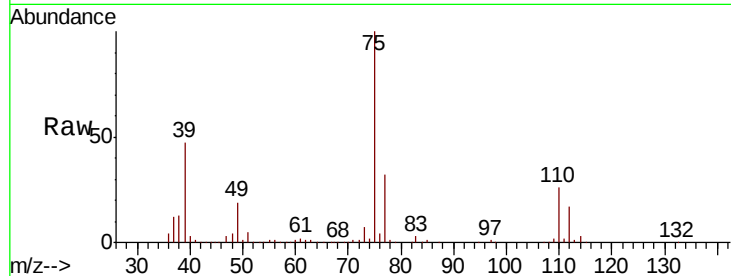




#53
t-1,3-Dichloropropene
Concen: 41.761 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX010848.D
Acq: 12 Jul 2019 19:56

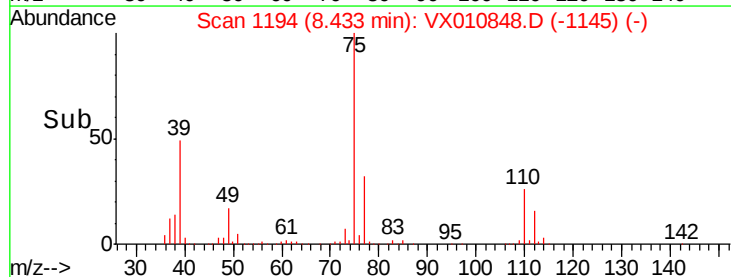
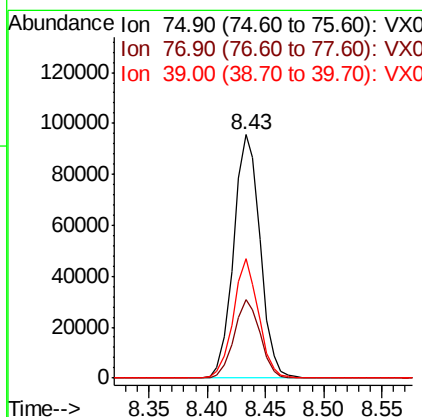
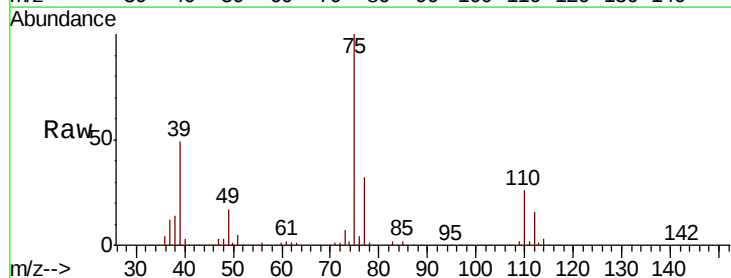
Instrument :
MSVOA_X
ClientSampled :
FL-0583MSD

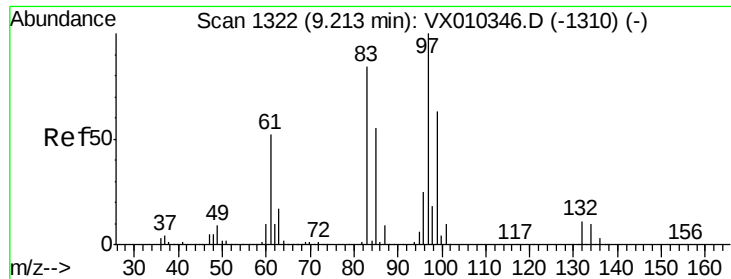
Tot Ion: 75 Resp: 137924
Ion Ratio Lower Upper
75 100
77 32.0 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 42.309 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX010848.D
Acq: 12 Jul 2019 19:56

Tgt Ion: 75 Resp: 151853
Ion Ratio Lower Upper
75 100
77 32.0 25.2 37.8
39 48.6 34.5 51.7

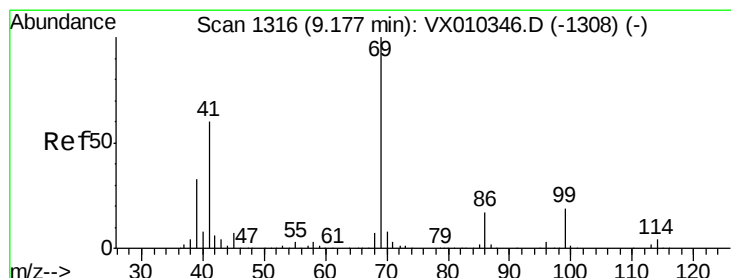
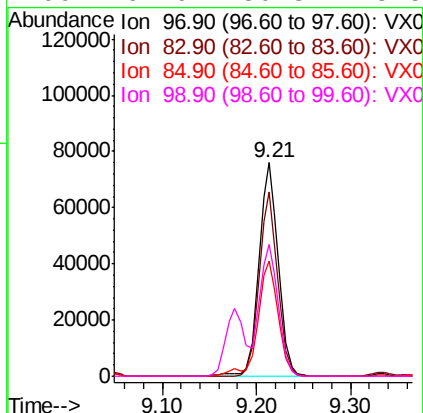
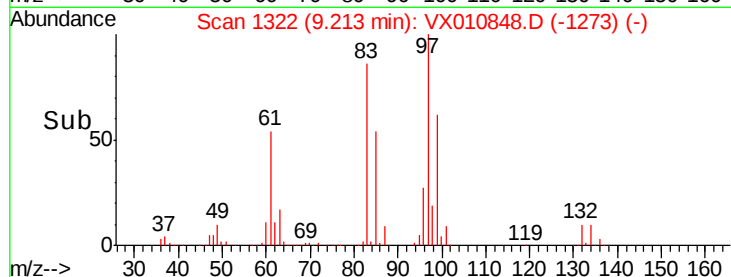
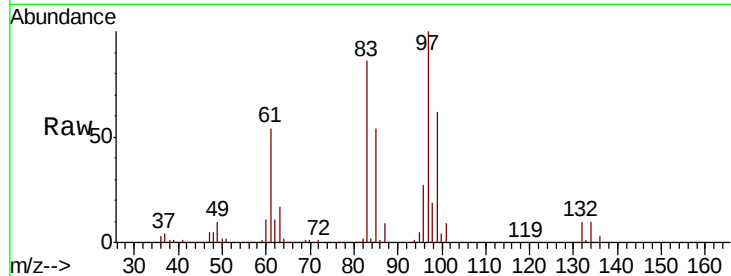




#55
 1,1,2-Trichloroethane
 Concen: 45.676 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX010848.D
 Acq: 12 Jul 2019 19:56

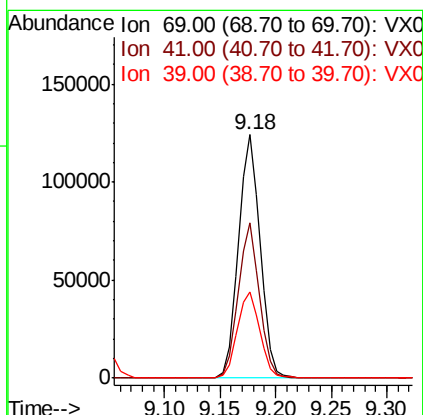
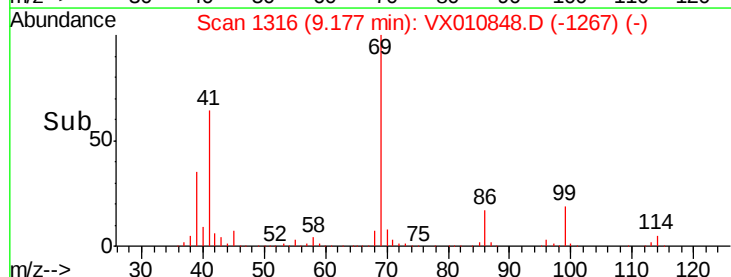
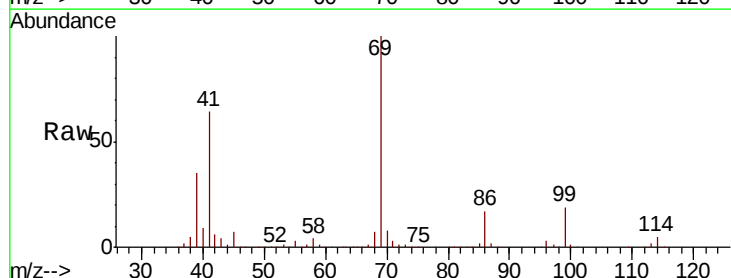
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0583MSD

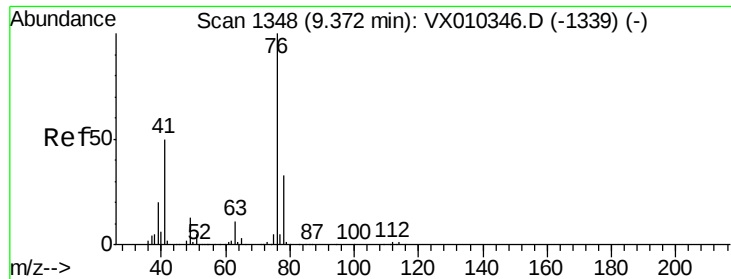
Tot Ion:	97	Resp:	110061
Ion	Ratio	Lower	Upper
97	100		
83	86.3	67.4	101.0
85	54.2	43.8	65.8
99	61.9	50.3	75.5



#56
 Ethyl methacrylate
 Concen: 45.940 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX010848.D
 Acq: 12 Jul 2019 19:56

Tgt Ion:	69	Resp:	167691
Ion	Ratio	Lower	Upper
69	100		
41	62.4	47.1	70.7
39	36.3	26.6	40.0

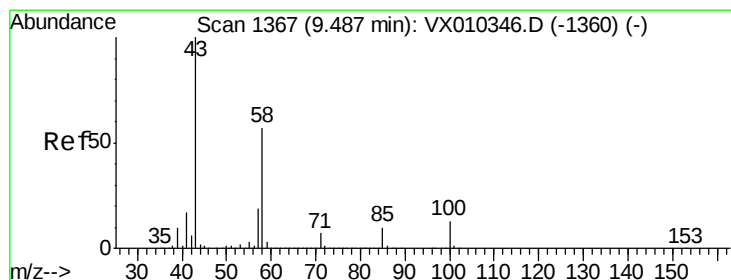
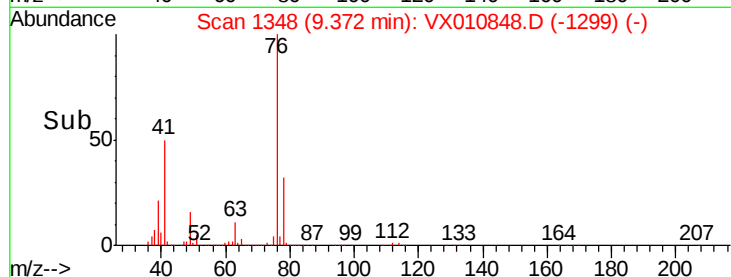
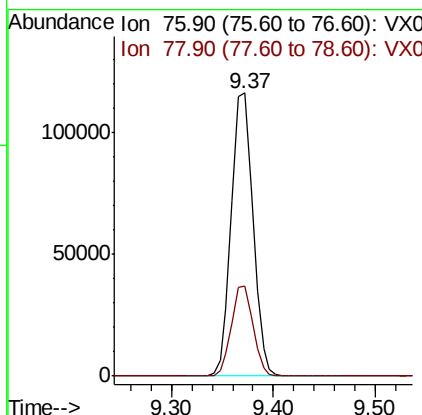
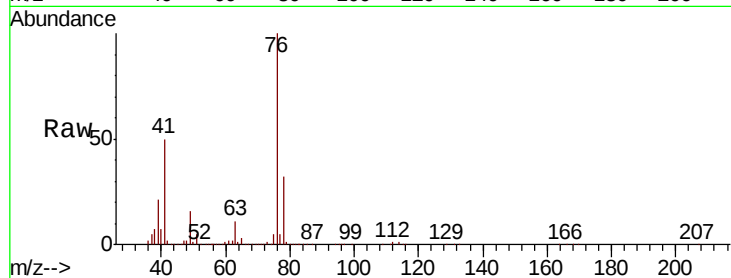




#57
 1,3-Dichloropropane
 Concen: 45.901 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX010848.D
 Acq: 12 Jul 2019 19:56

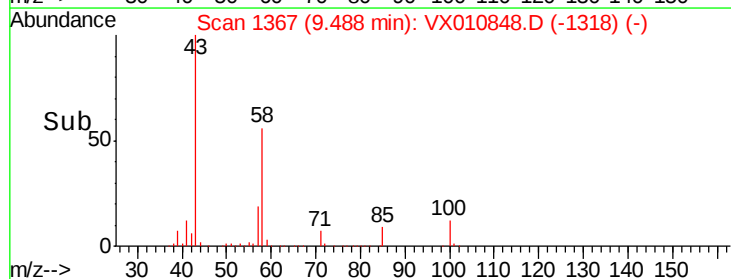
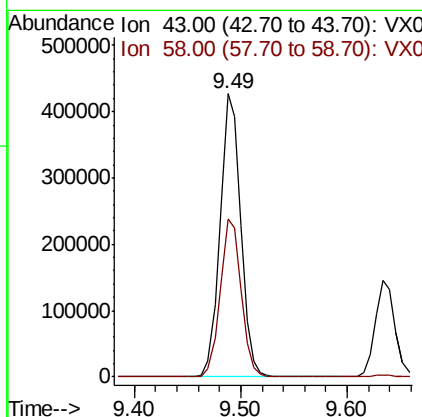
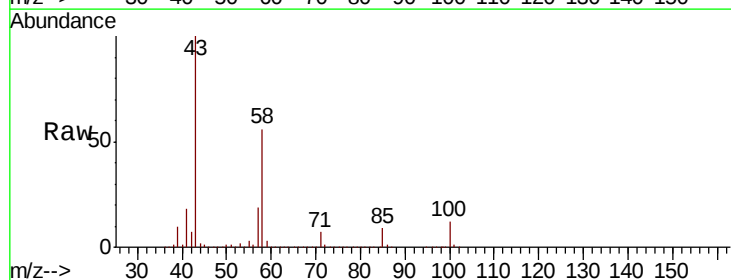
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0583MSD

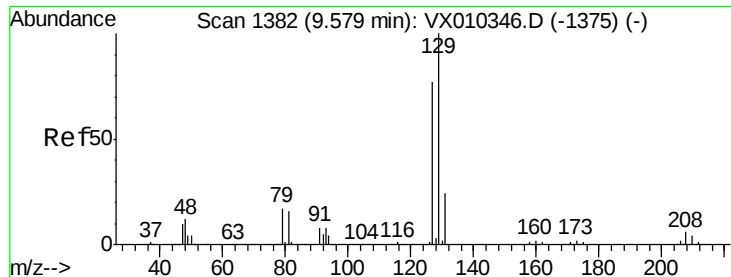
Tot Ion: 76 Resp: 171689
 Ion Ratio Lower Upper
 76 100
 78 31.6 26.1 39.1



#59
 2-Hexanone
 Concen: 237.194 ug/l
 RT: 9.49 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: VX010848.D
 Acq: 12 Jul 2019 19:56

Tgt Ion: 43 Resp: 578702
 Ion Ratio Lower Upper
 43 100
 58 56.3 29.0 87.1





#60

Dibromochloromethane

Concen: 43.250 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VX010848.D

Acq: 12 Jul 2019 19:56

Instrument :

MSVOA_X

ClientSampleId :

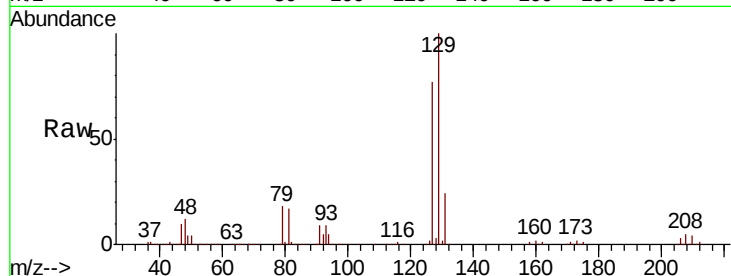
FL-0583MSD

Tot Ion:129 Resp: 116685

Ion Ratio Lower Upper

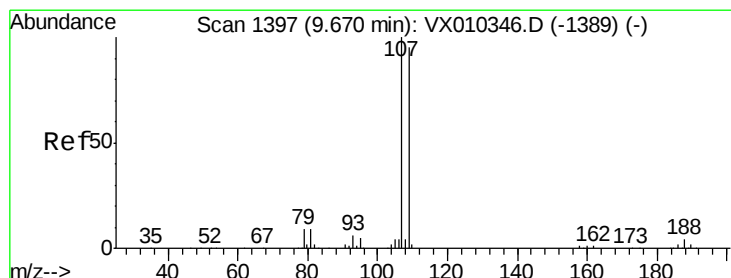
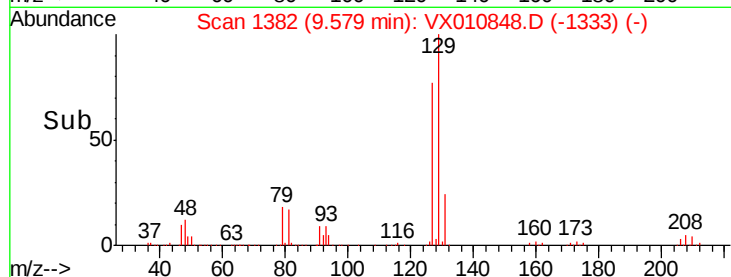
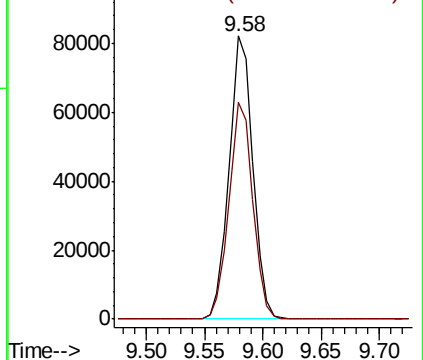
129 100

127 77.0 38.4 115.1



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 44.798 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX010848.D

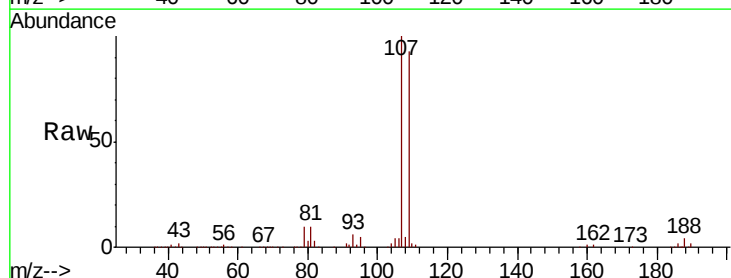
Acq: 12 Jul 2019 19:56

Tgt Ion:107 Resp: 116515

Ion Ratio Lower Upper

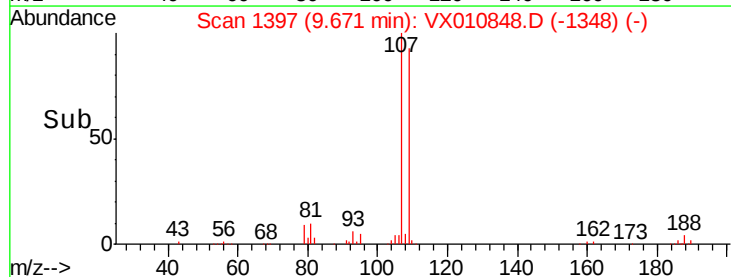
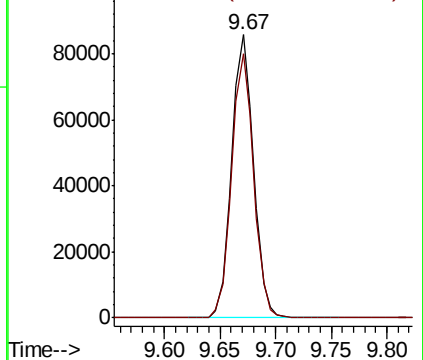
107 100

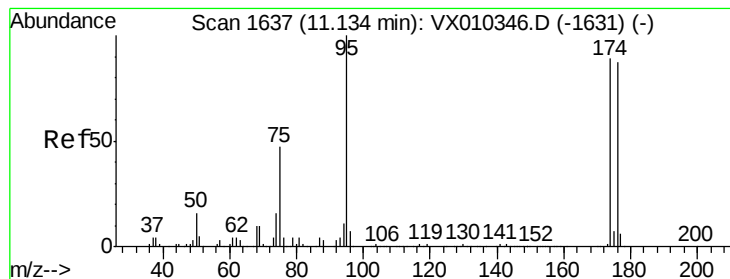
109 94.0 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 45.199 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010848.D

Acq: 12 Jul 2019 19:56

Instrument :

MSVOA_X

ClientSampleId :

FL-0583MSD

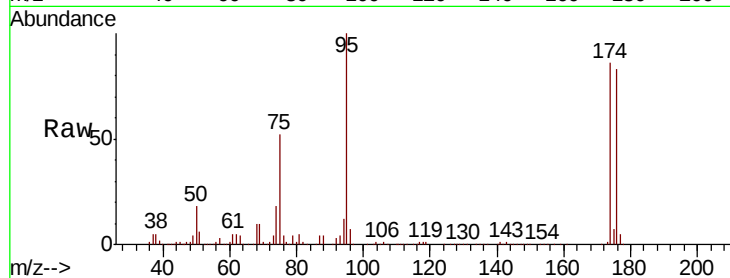
Tot Ion: 95 Resp: 136881

Ion Ratio Lower Upper

95 100

174 90.3 0.0 187.6

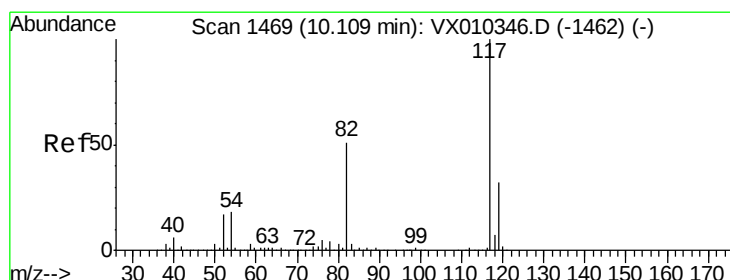
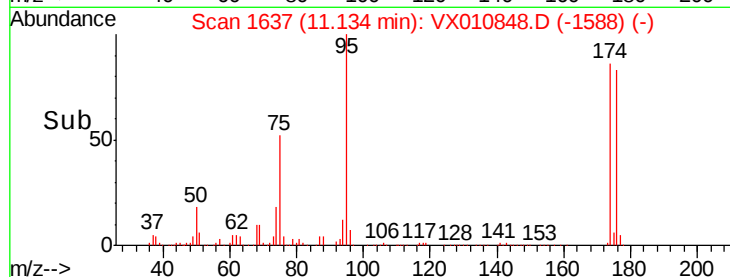
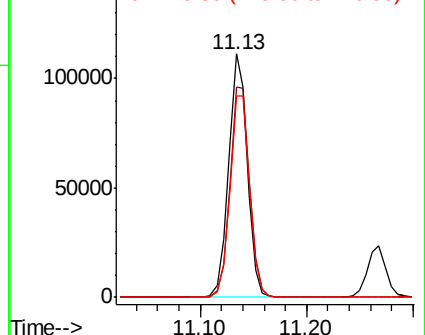
176 86.9 0.0 184.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX010848.D

Acq: 12 Jul 2019 19:56

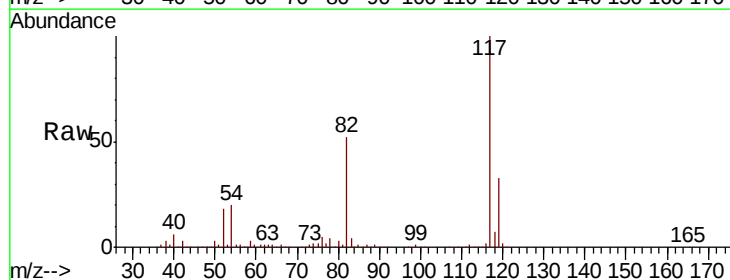
Tgt Ion: 117 Resp: 335180

Ion Ratio Lower Upper

117 100

82 52.3 41.2 61.8

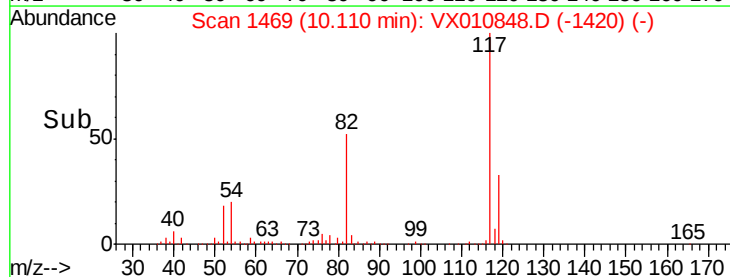
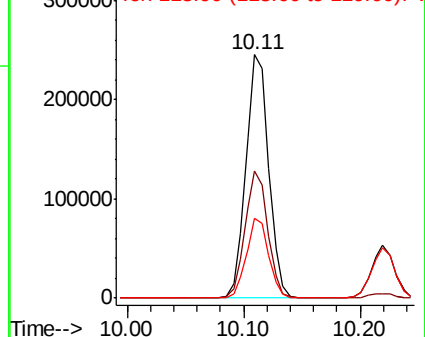
119 32.9 25.5 38.3

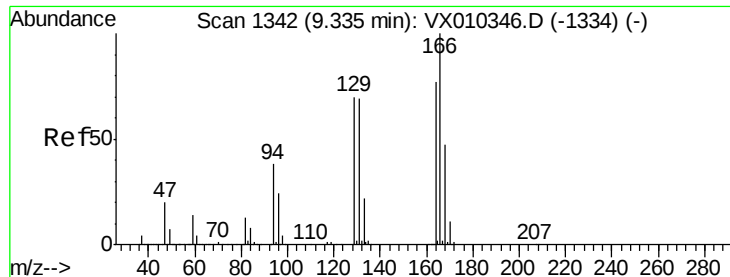


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 37.577 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX010848.D

Acq: 12 Jul 2019 19:56

Instrument :

MSVOA_X

ClientSampleId :

FL-0583MSD

Tot Ion:164 Resp: 101873

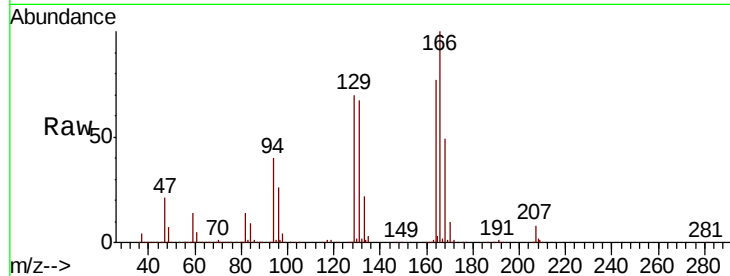
Ion Ratio Lower Upper

164 100

166 129.8 103.6 155.4

129 91.1 73.0 109.4

131 86.9 71.0 106.4

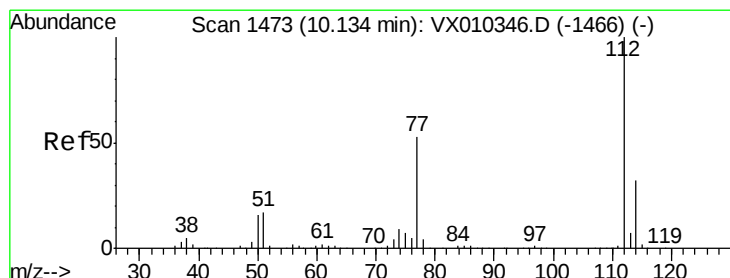
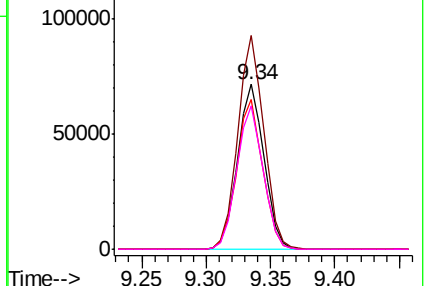
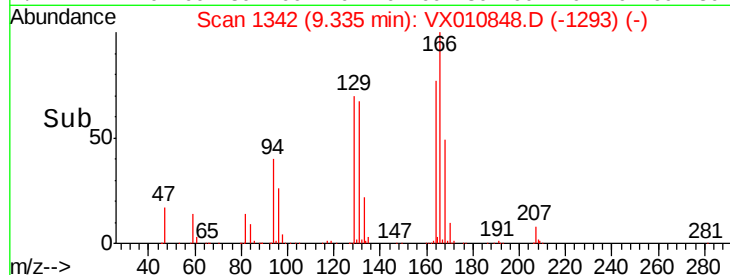


Abundance Ion 163.80 (163.50 to 164.50): V

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: 43.243 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. 0.00 min

Lab File: VX010848.D

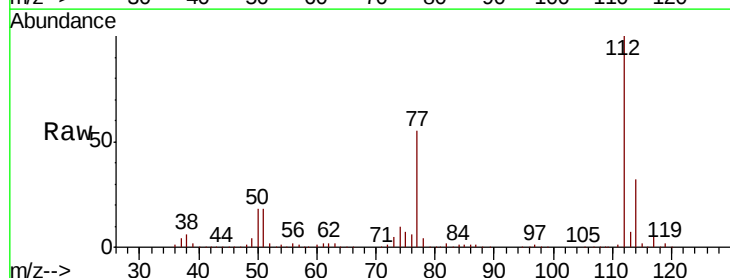
Acq: 12 Jul 2019 19:56

Tgt Ion:112 Resp: 294259

Ion Ratio Lower Upper

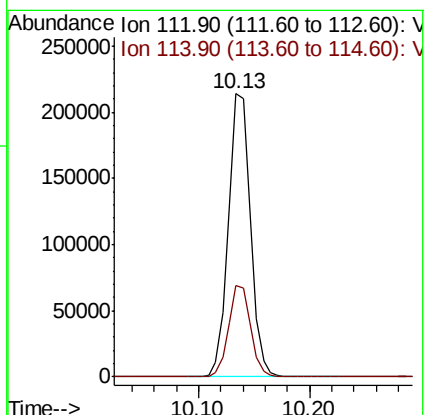
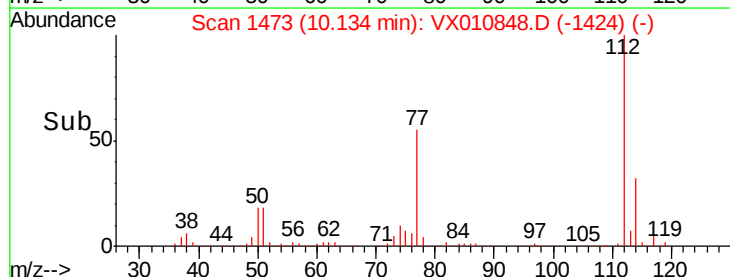
112 100

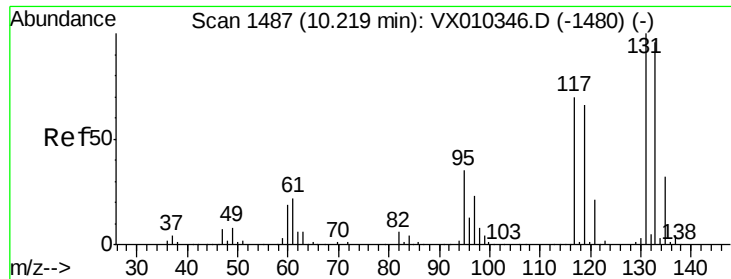
114 32.2 25.4 38.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

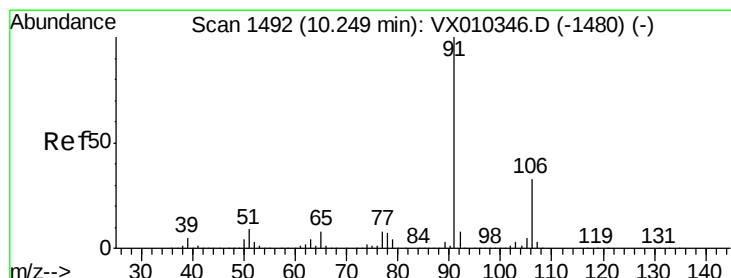
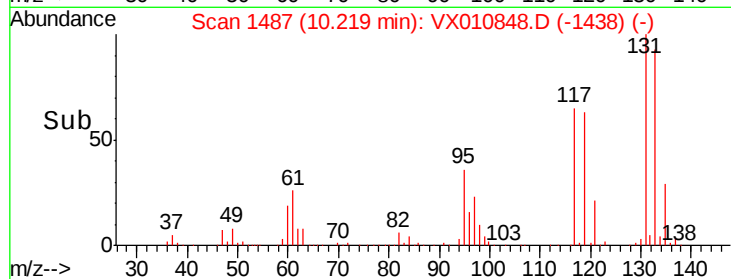
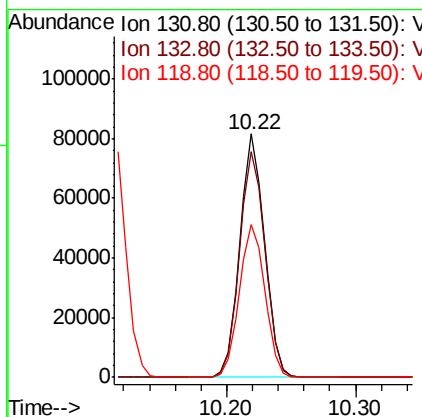
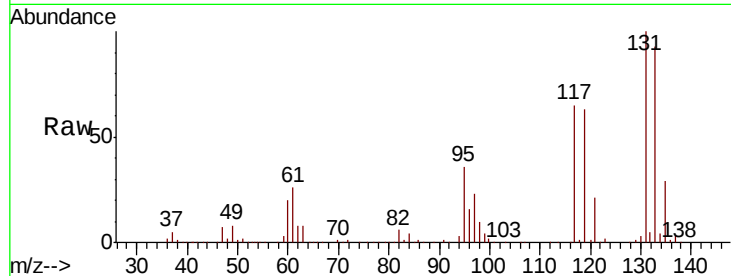




#66
 1,1,1,2-Tetrachloroethane
 Concen: 43.743 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VX010848.D
 Acq: 12 Jul 2019 19:56

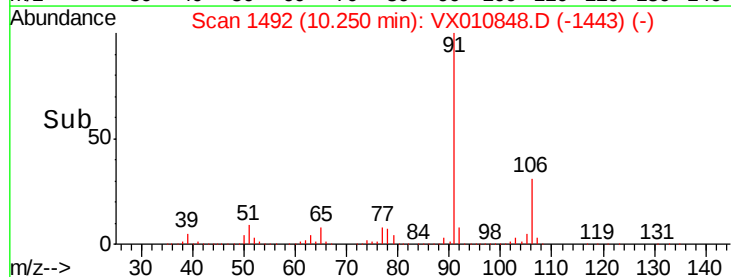
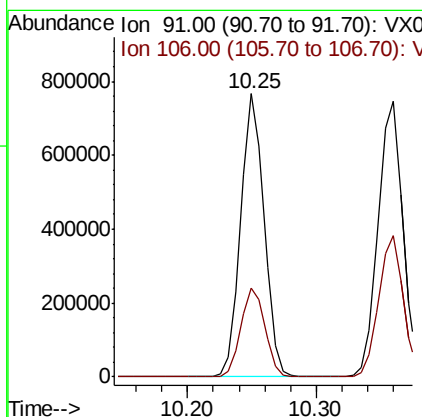
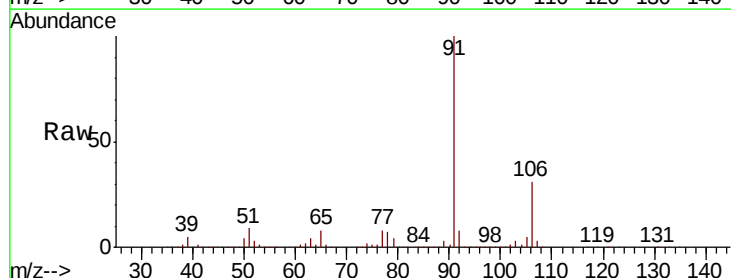
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0583MSD

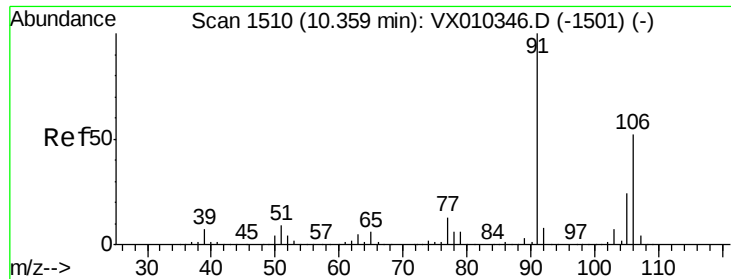
Tot Ion:131 Resp: 108423
 Ion Ratio Lower Upper
 131 100
 133 95.2 47.7 143.1
 119 64.8 32.6 97.7



#67
 Ethyl Benzene
 Concen: 84.024 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: VX010848.D
 Acq: 12 Jul 2019 19:56

Tgt Ion: 91 Resp: 965264
 Ion Ratio Lower Upper
 91 100
 106 31.3 26.2 39.2

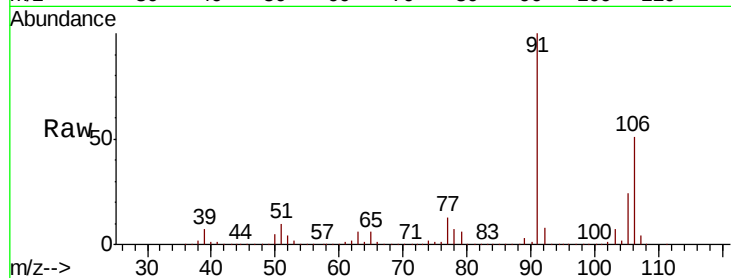




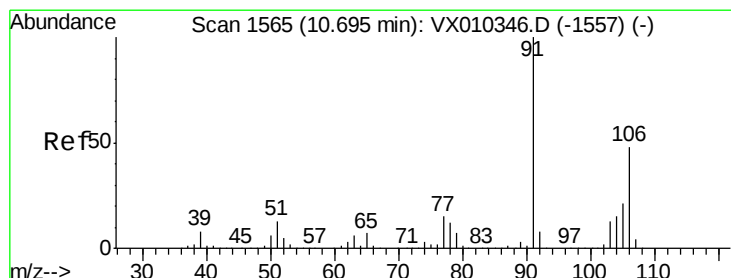
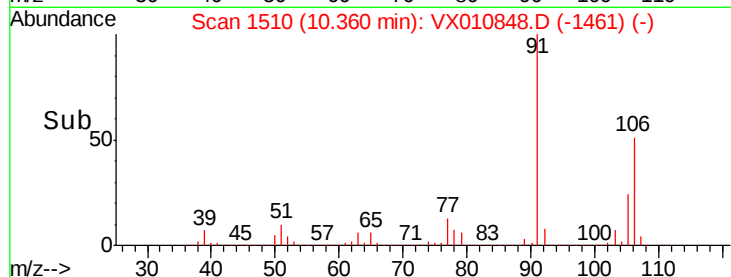
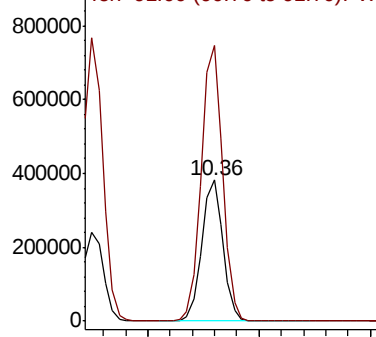
#68
m/p-Xylenes
Concen: 112.236 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010848.D
Acq: 12 Jul 2019 19:56

Instrument :
MSVOA_X
ClientSampled :
FL-0583MSD

Tot Ion:106 Resp: 499598
Ion Ratio Lower Upper
106 100
91 197.5 155.3 232.9

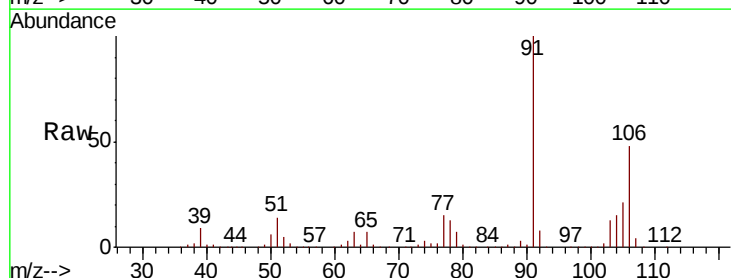


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

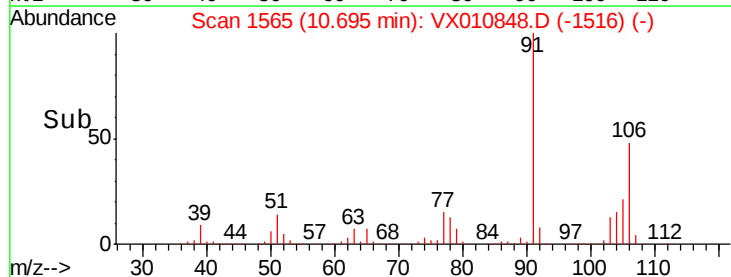
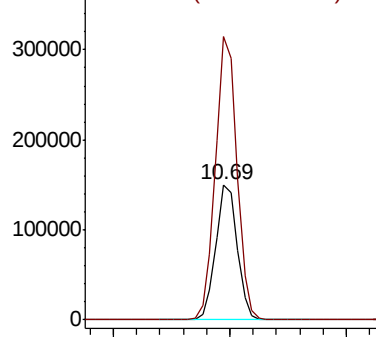


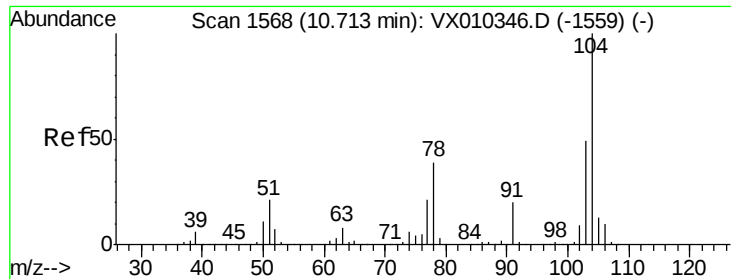
#69
o-Xylene
Concen: 44.601 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010848.D
Acq: 12 Jul 2019 19:56

Tgt Ion:106 Resp: 195238
Ion Ratio Lower Upper
106 100
91 208.9 102.7 308.1



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

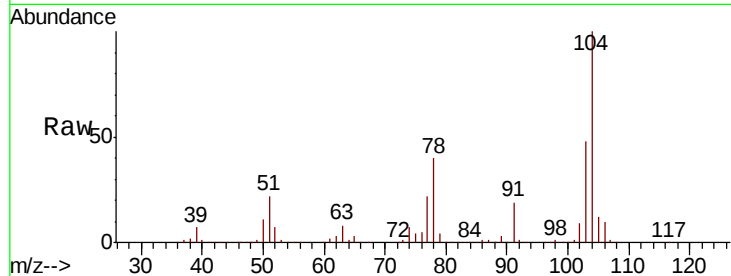




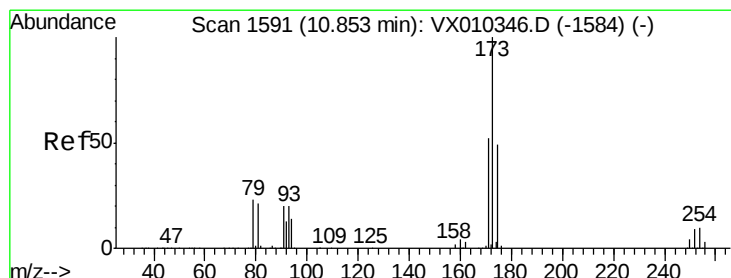
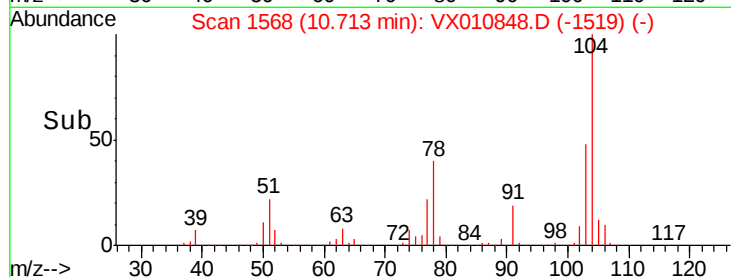
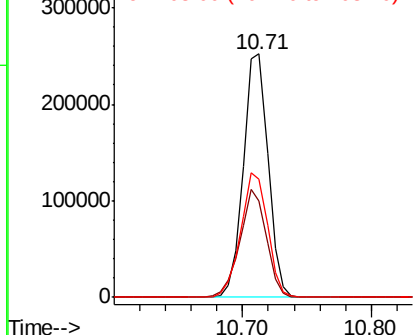
#70
Stvrene
Concen: 45.572 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX010848.D
Acq: 12 Jul 2019 19:56

Instrument :
MSVOA_X
ClientSampleId :
FL-0583MSD

Tot Ion:104 Resp: 334552
Ion Ratio Lower Upper
104 100
78 47.4 36.2 54.2
103 55.4 44.2 66.4

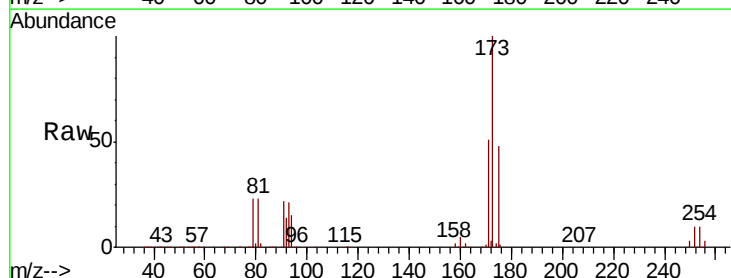


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

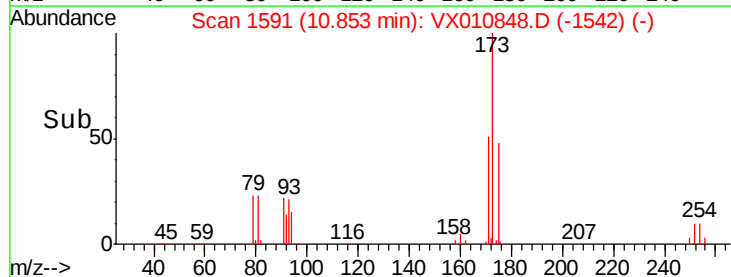
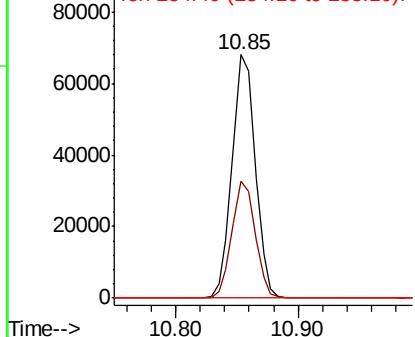


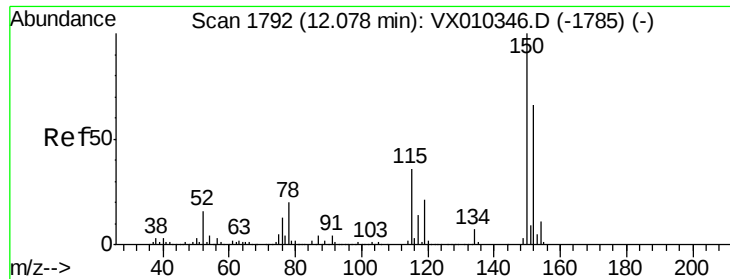
#71
Bromoform
Concen: 41.352 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX010848.D
Acq: 12 Jul 2019 19:56

Tgt Ion:173 Resp: 89134
Ion Ratio Lower Upper
173 100
175 48.1 24.1 72.3
254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



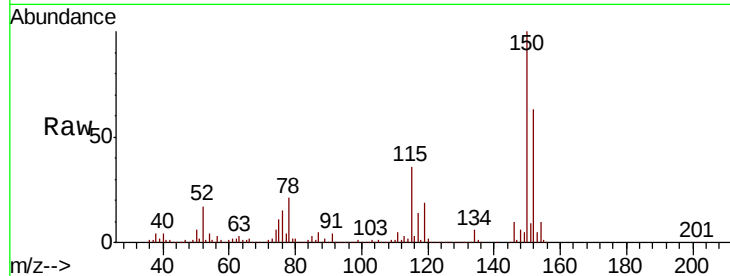


#72

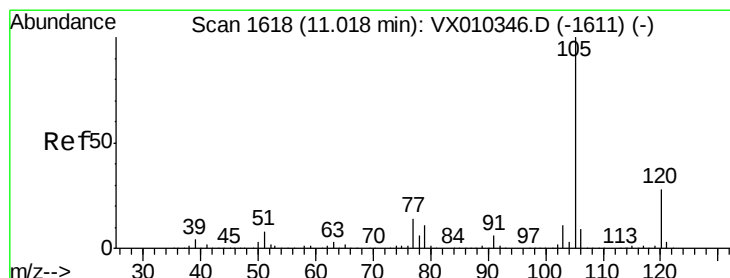
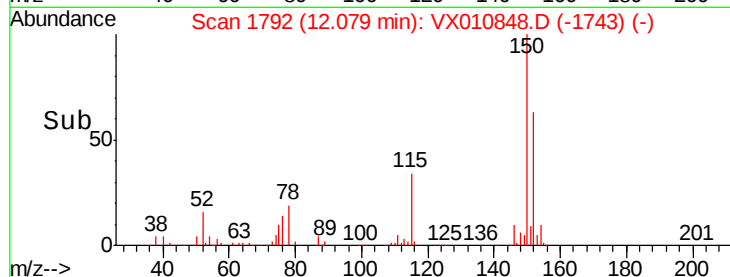
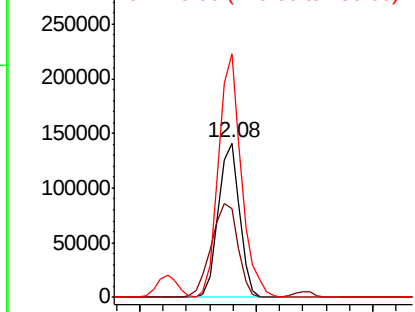
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010848.D
Acq: 12 Jul 2019 19:56

Instrument :
MSVOA_X
ClientSampleId :
FL-0583MSD

Tot Ion:152 Resp: 176058
Ion Ratio Lower Upper
152 100
115 76.9 38.6 115.7
150 168.9 0.0 347.4



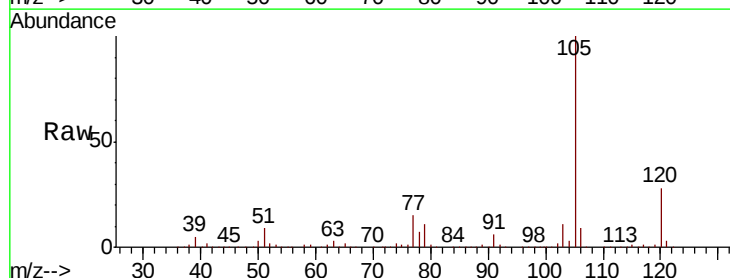
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



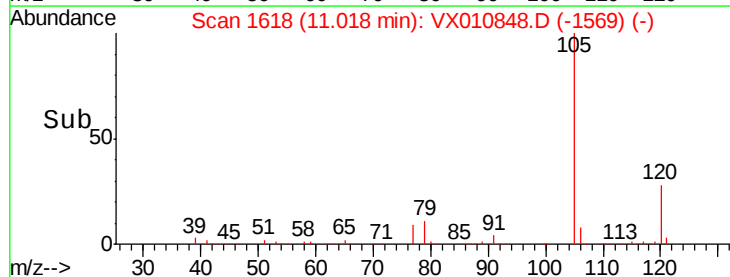
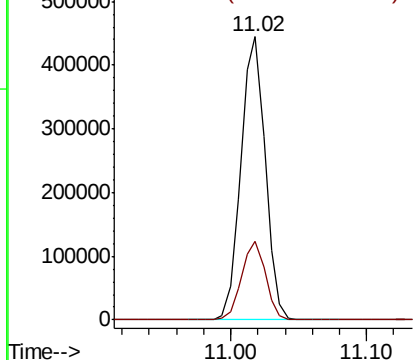
#73

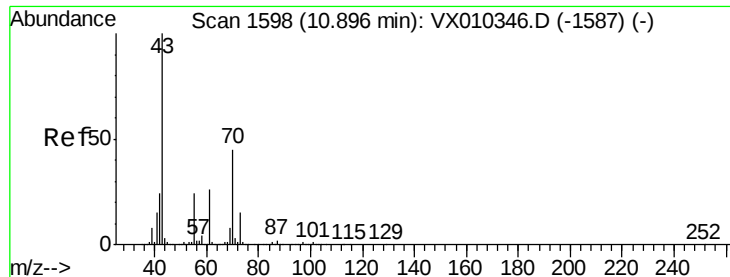
Isopropylbenzene
Concen: 46.501 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX010848.D
Acq: 12 Jul 2019 19:56

Tgt Ion:105 Resp: 554973
Ion Ratio Lower Upper
105 100
120 27.2 14.1 42.4



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

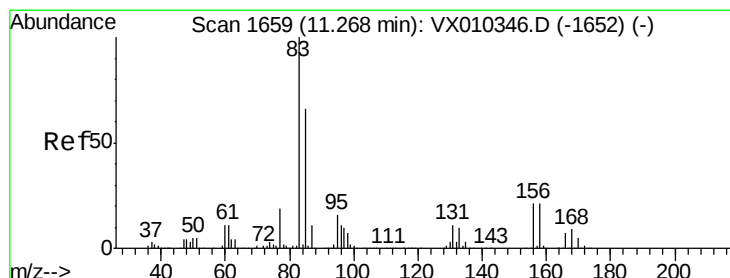
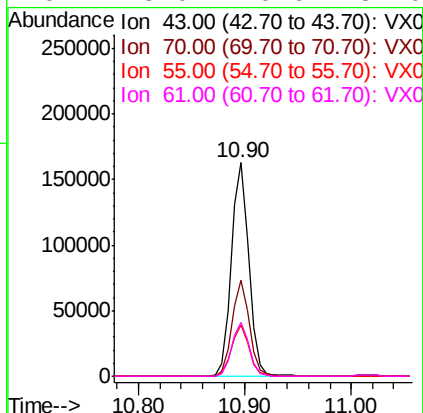
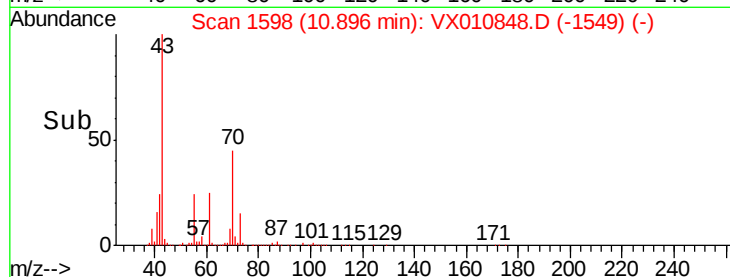
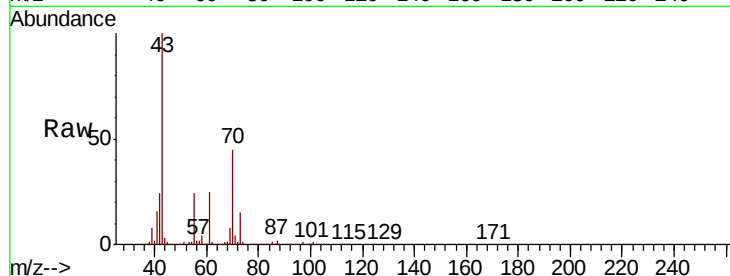




#74
N-amvl acetate
Concen: 41.619 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VX010848.D
Acq: 12 Jul 2019 19:56

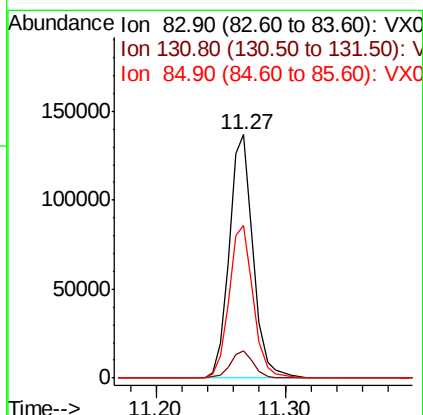
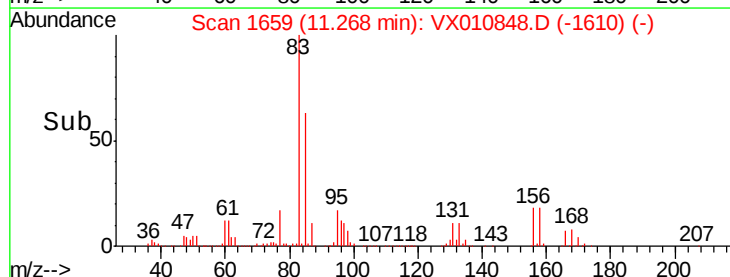
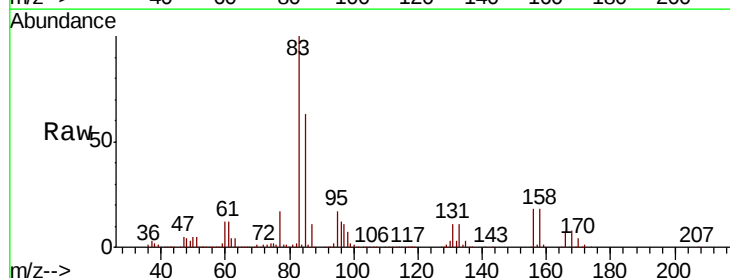
Instrument :
MSVOA_X
ClientSampleId :
FL-0583MSD

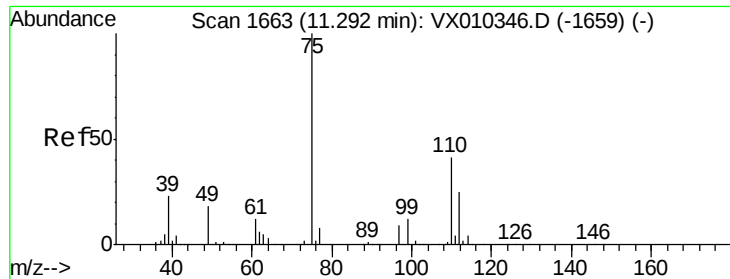
Tot Ion:	43	Resp:	187716
Ion	Ratio	Lower	Upper
43	100		
70	44.6	36.6	54.8
55	24.0	18.7	28.1
61	25.0	20.6	31.0



#75
1,1,2,2-Tetrachloroethane
Concen: 44.988 ug/l
RT: 11.27 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX010848.D
Acq: 12 Jul 2019 19:56

Tgt Ion:	83	Resp:	177809
Ion	Ratio	Lower	Upper
83	100		
131	10.9	5.5	16.4
85	63.6	32.3	96.8

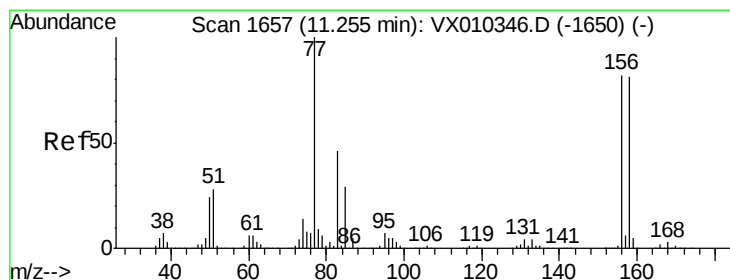
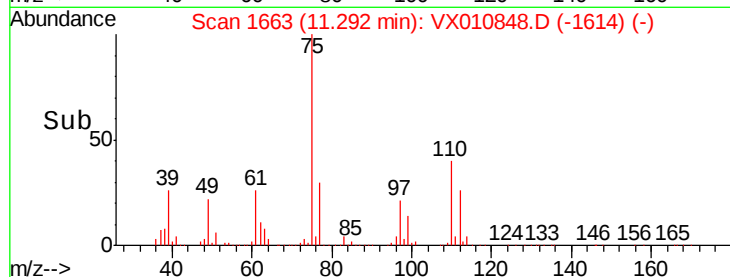
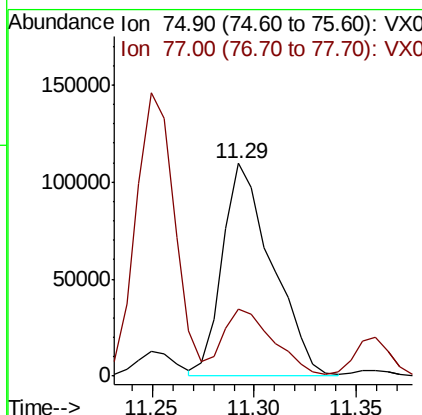
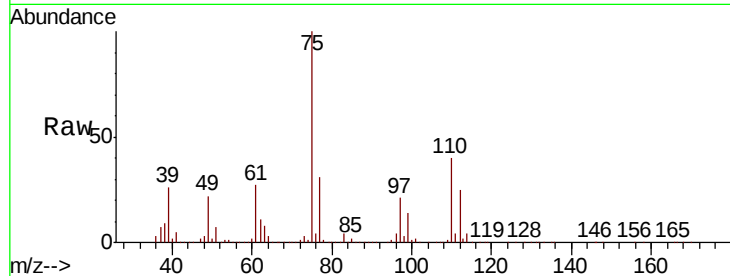




#76
 1,2,3-Trichloropropane
 Concen: 57.857 ug/l
 RT: 11.29 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: VX010848.D
 Acq: 12 Jul 2019 19:56

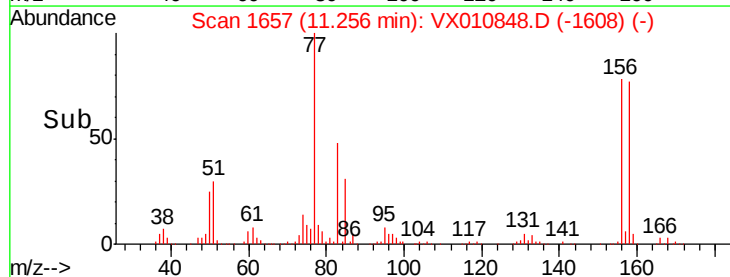
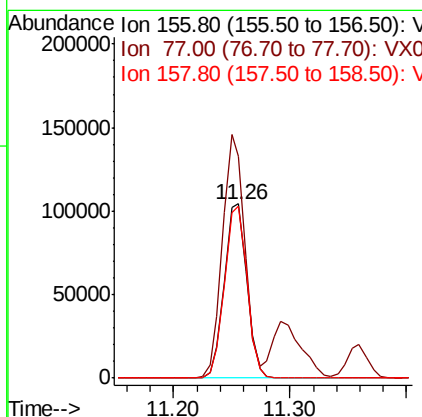
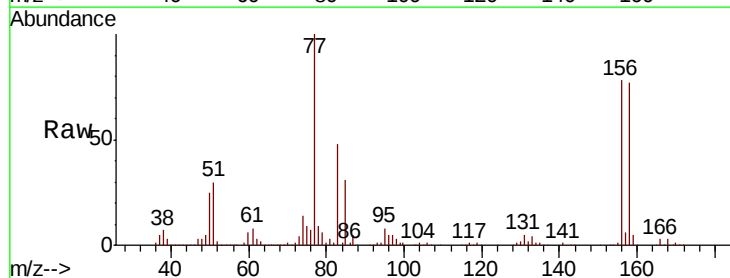
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0583MSD

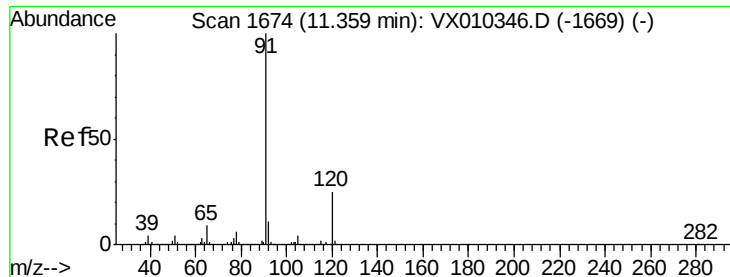
Tot Ion: 75 Resp: 185620
 Ion Ratio Lower Upper
 75 100
 77 32.0 22.6 67.8



#77
 Bromobenzene
 Concen: 41.865 ug/l
 RT: 11.26 min Scan# 1657
 Delta R.T. 0.00 min
 Lab File: VX010848.D
 Acq: 12 Jul 2019 19:56

Tgt Ion: 156 Resp: 139515
 Ion Ratio Lower Upper
 156 100
 77 137.8 66.3 198.7
 158 98.8 48.9 146.7





#78

n-propylbenzene

Concen: 46.298 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010848.D

Acq: 12 Jul 2019 19:56

Instrument :

MSVOA_X

ClientSampleId :

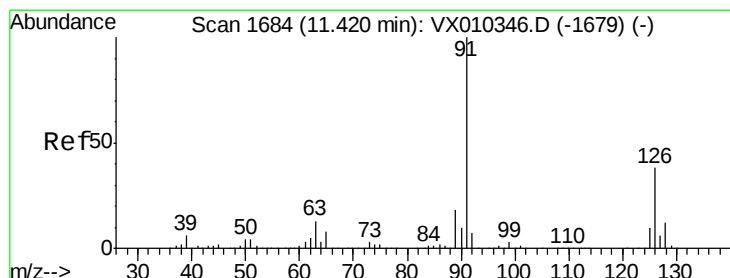
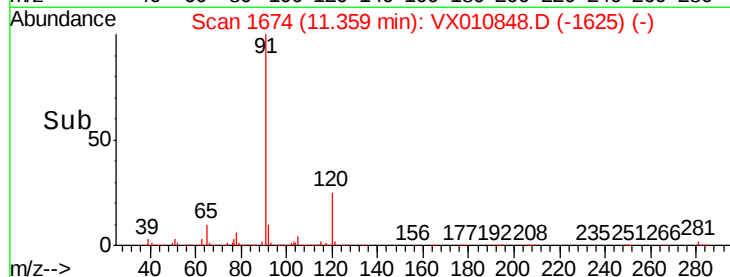
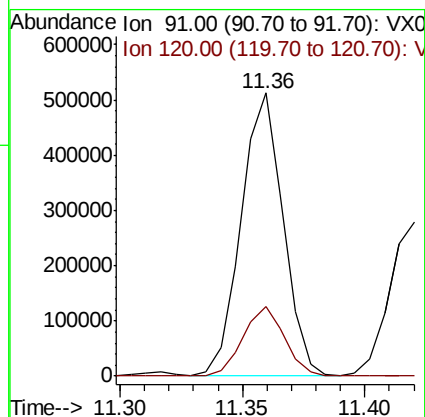
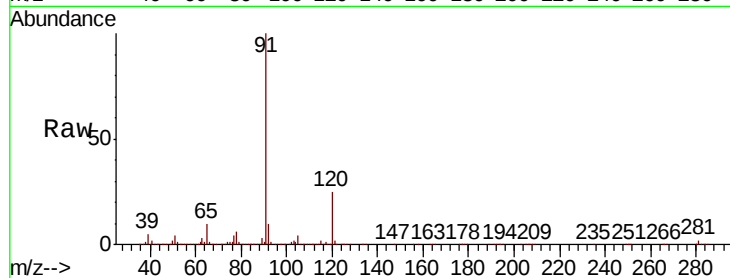
FL-0583MSD

Tot Ion: 91 Resp: 607268

Ion Ratio Lower Upper

91 100

120 24.6 12.4 37.4



#79

2-Chlorotoluene

Concen: 44.181 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX010848.D

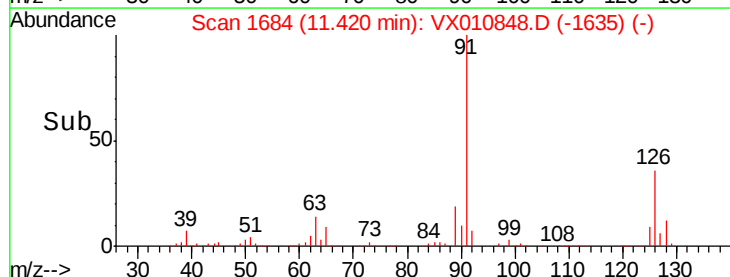
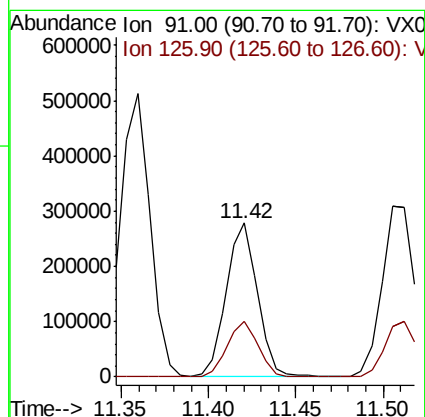
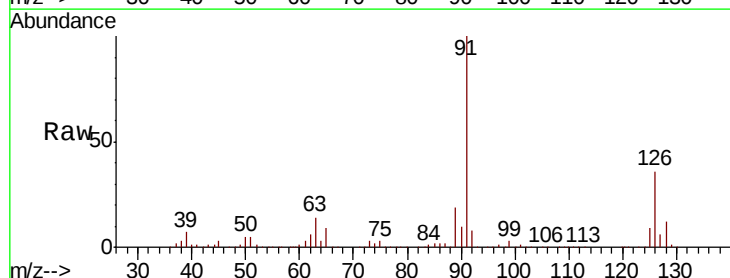
Acq: 12 Jul 2019 19:56

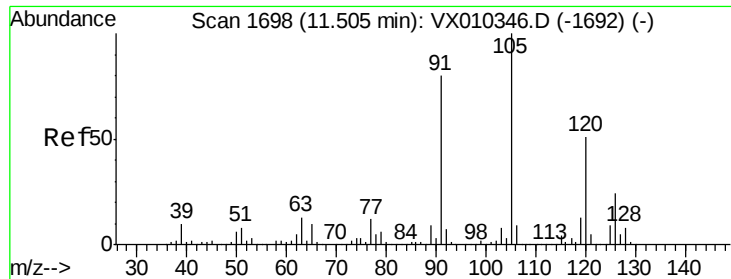
Tgt Ion: 91 Resp: 345077

Ion Ratio Lower Upper

91 100

126 35.9 18.7 56.1

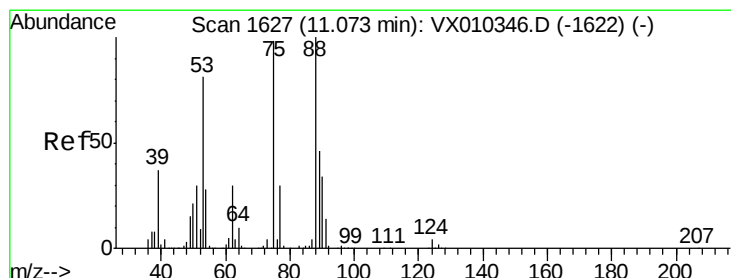
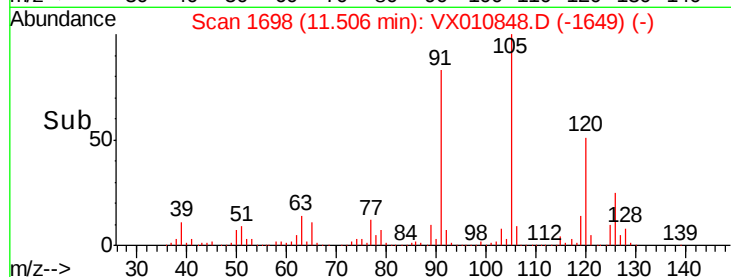
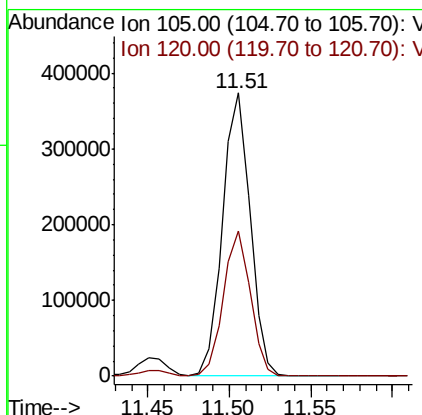
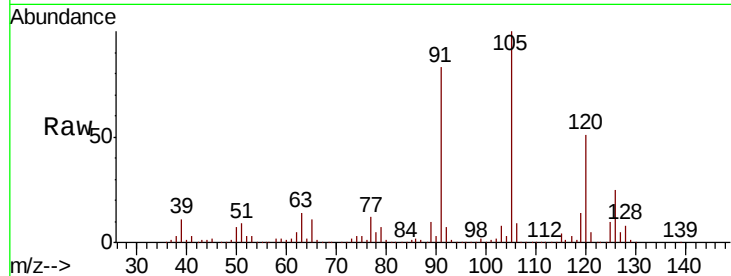




#80
 1,3,5-Trimethylbenzene
 Concen: 44.814 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010848.D
 Acq: 12 Jul 2019 19:56

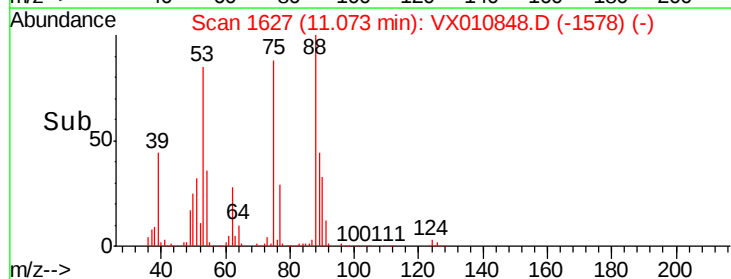
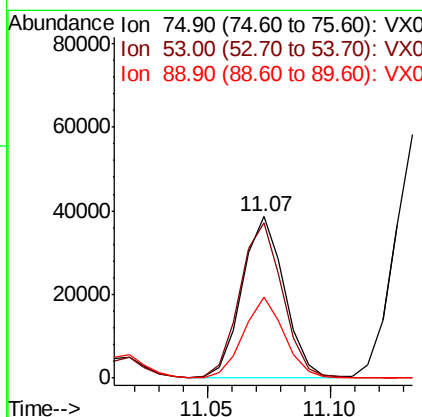
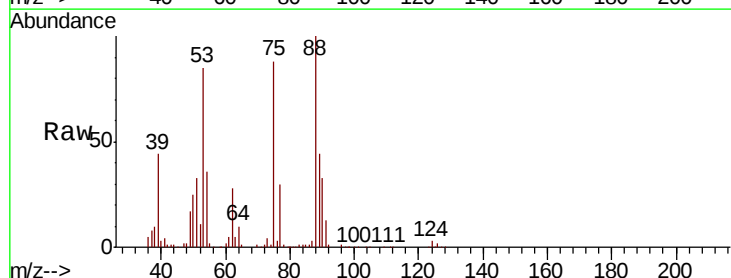
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0583MSD

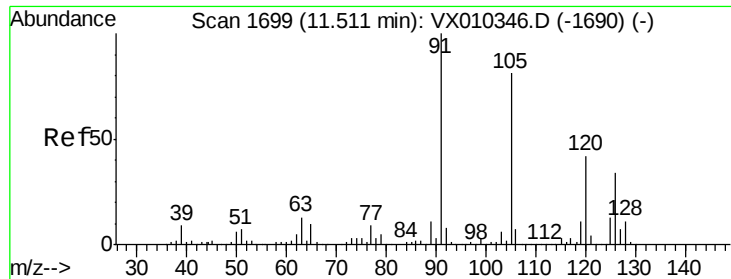
Tot Ion:105 Resp: 440905
 Ion Ratio Lower Upper
 105 100
 120 50.2 25.2 75.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 33.636 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VX010848.D
 Acq: 12 Jul 2019 19:56

Tgt Ion: 75 Resp: 46257
 Ion Ratio Lower Upper
 75 100
 53 96.9 66.1 99.1
 89 48.4 37.8 56.6

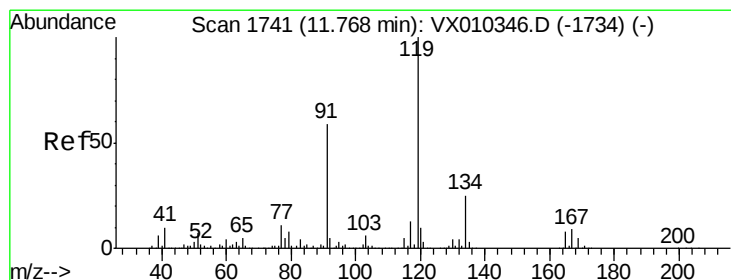
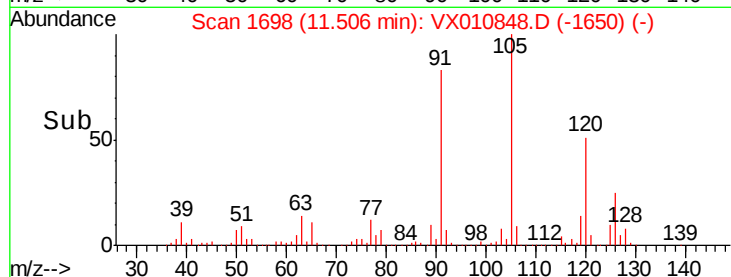
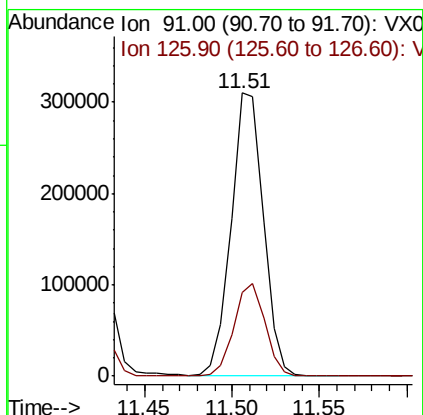
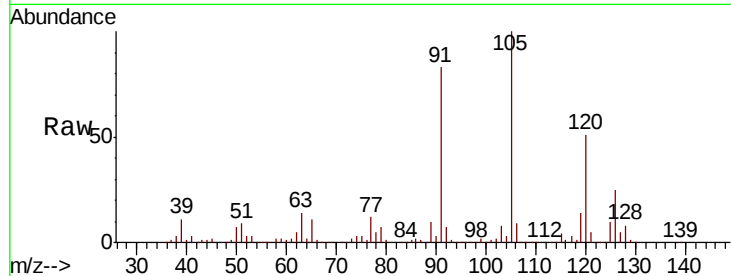




#82
4-Chlorotoluene
Concen: 44.932 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX010848.D
Acq: 12 Jul 2019 19:56

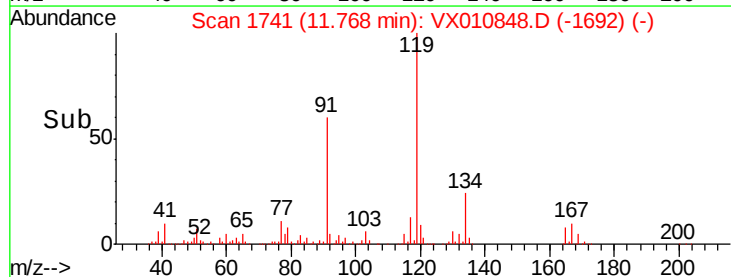
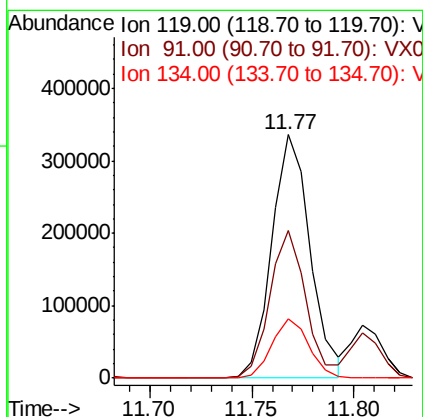
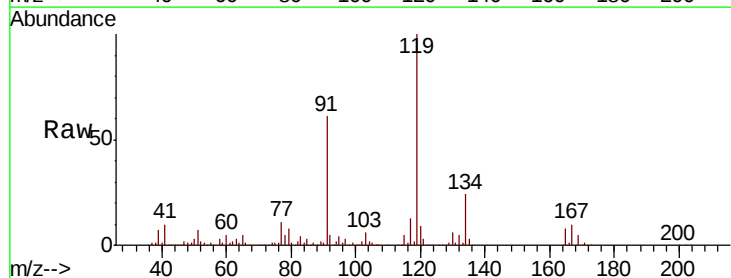
Instrument :
MSVOA_X
ClientSampleId :
FL-0583MSD

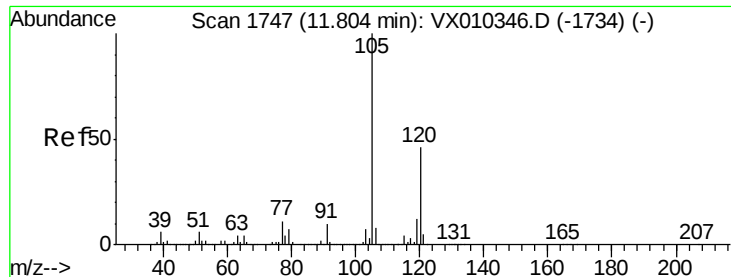
Tot Ion: 91 Resp: 399338
Ion Ratio Lower Upper
91 100
126 31.6 16.2 48.6



#83
tert-Butylbenzene
Concen: 44.678 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX010848.D
Acq: 12 Jul 2019 19:56

Tgt Ion: 119 Resp: 441188
Ion Ratio Lower Upper
119 100
91 55.7 27.6 82.7
134 23.6 11.8 35.4





#84

1,2,4-Trimethylbenzene

Concen: 70.141 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX010848.D

Acq: 12 Jul 2019 19:56

Instrument :

MSVOA_X

ClientSampleId :

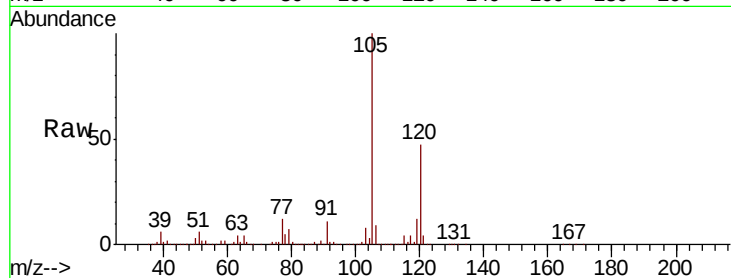
FL-0583MSD

Tot Ion:105 Resp: 693329

Ion Ratio Lower Upper

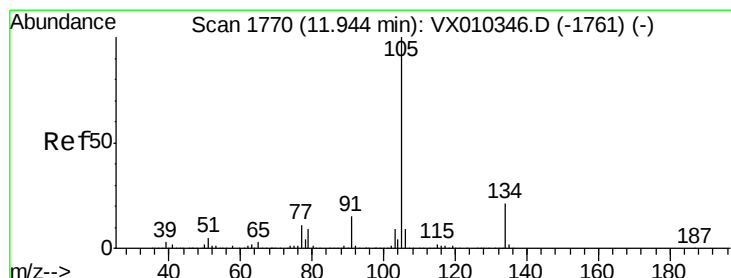
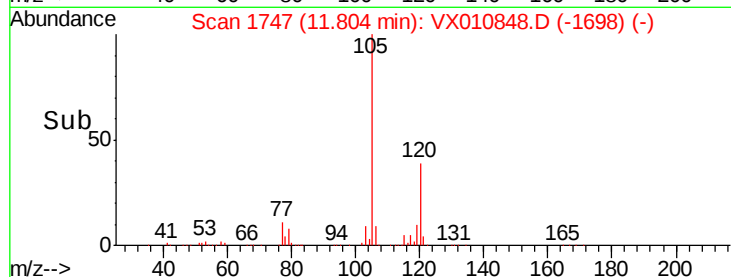
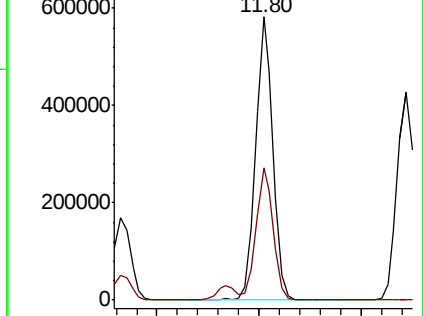
105 100

120 46.8 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 44.463 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010848.D

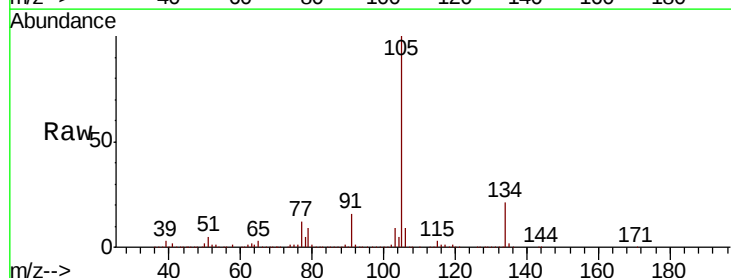
Acq: 12 Jul 2019 19:56

Tgt Ion:105 Resp: 515518

Ion Ratio Lower Upper

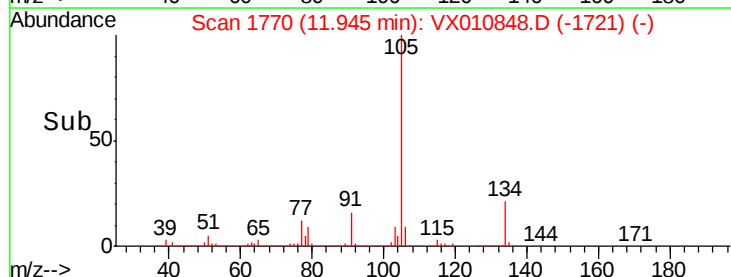
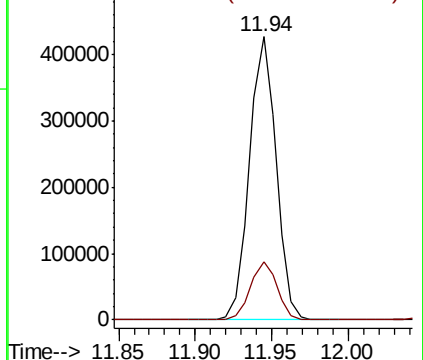
105 100

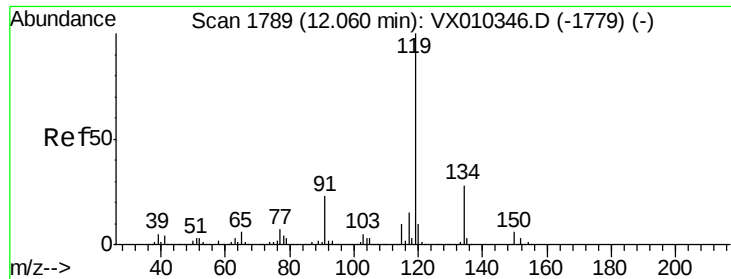
134 20.9 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

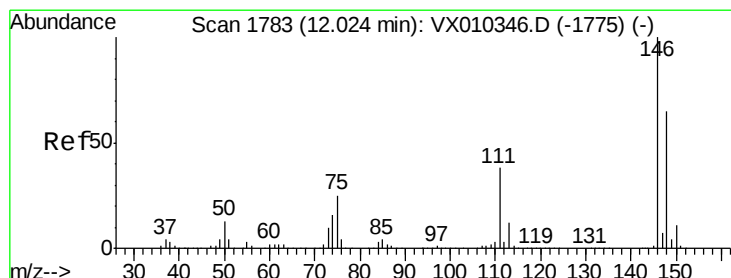
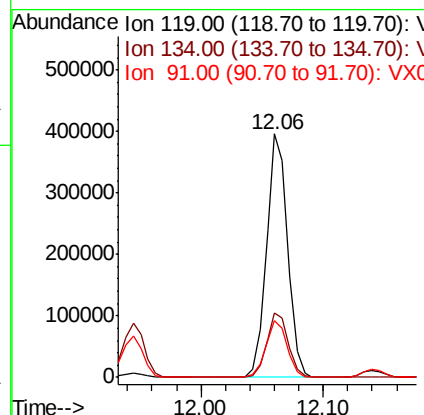
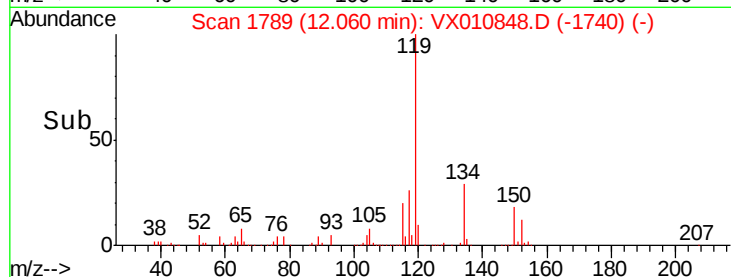
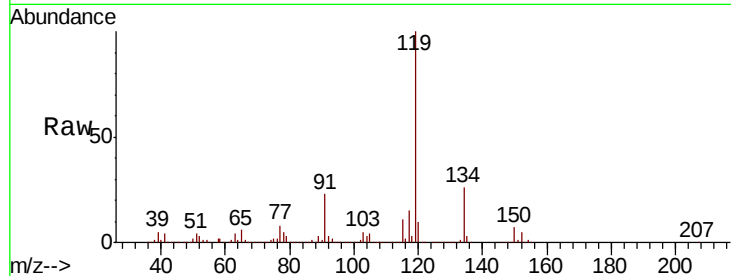




#86
 p-Isopropyltoluene
 Concen: 44.268 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX010848.D
 Acq: 12 Jul 2019 19:56

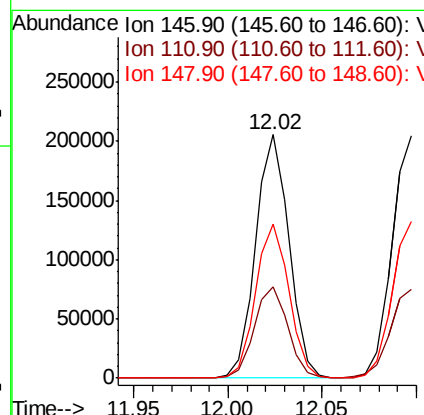
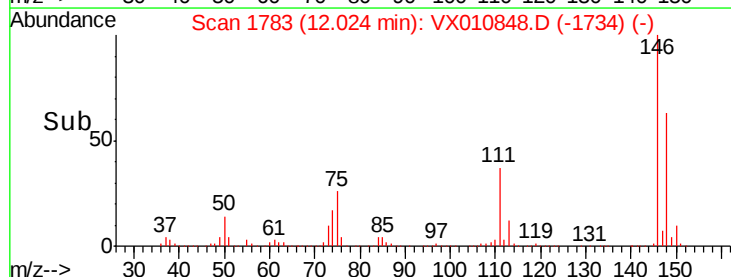
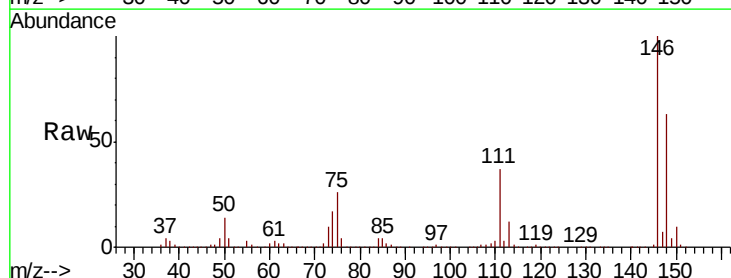
Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0583MSD

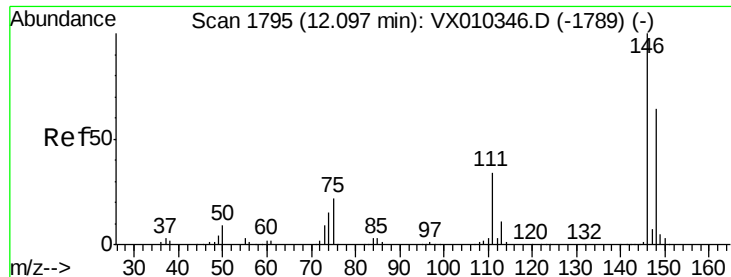
Tot Ion:119 Resp: 474754
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.7 41.1
 91 23.5 11.3 33.8



#87
 1,3-Dichlorobenzene
 Concen: 43.277 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX010848.D
 Acq: 12 Jul 2019 19:56

Tgt Ion:146 Resp: 251745
 Ion Ratio Lower Upper
 146 100
 111 37.9 19.1 57.1
 148 63.6 32.5 97.4

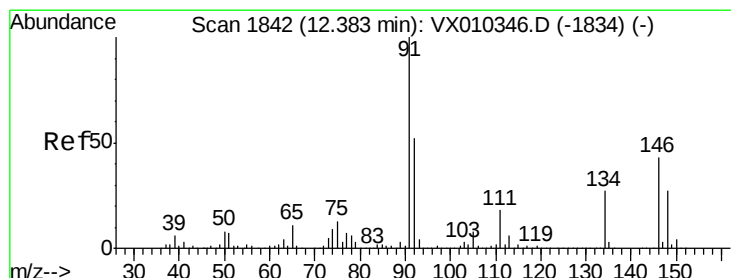
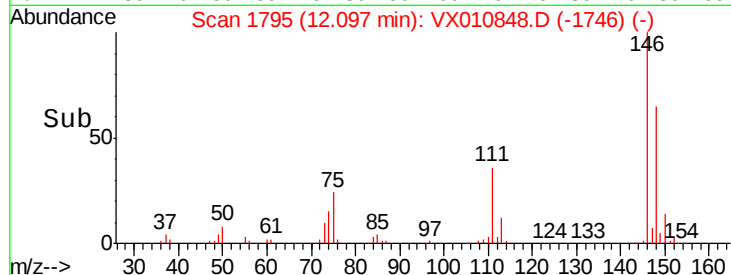
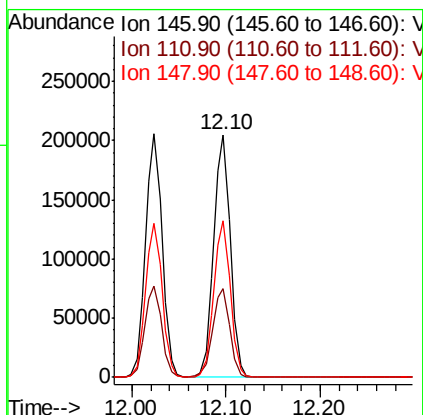
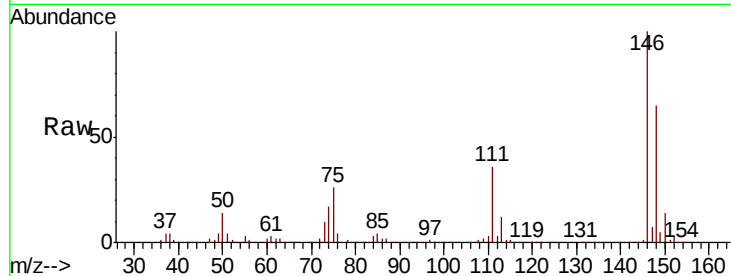




#88
 1,4-Dichlorobenzene
 Concen: 42.318 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010848.D
 Acq: 12 Jul 2019 19:56

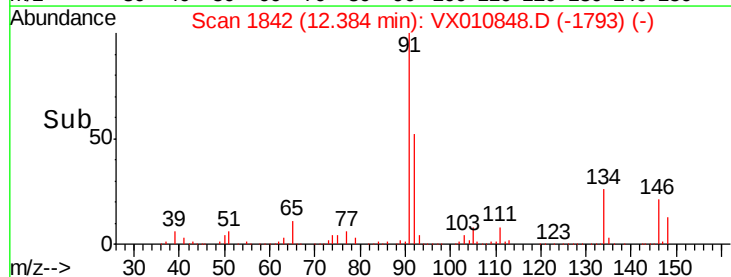
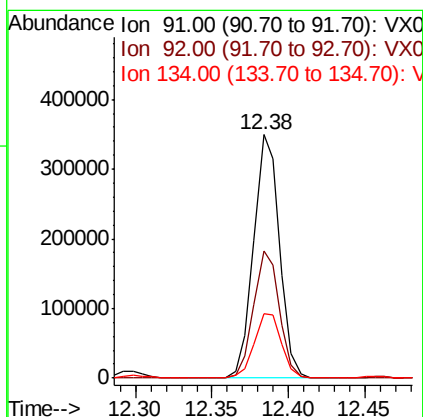
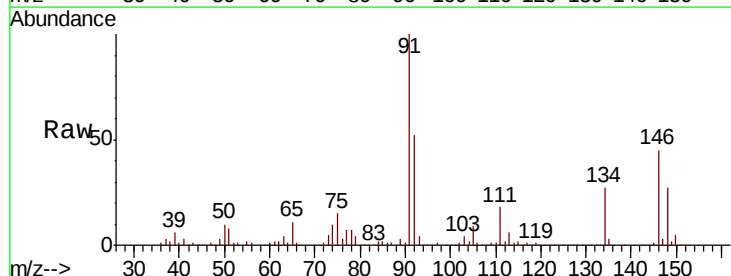
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0583MSD

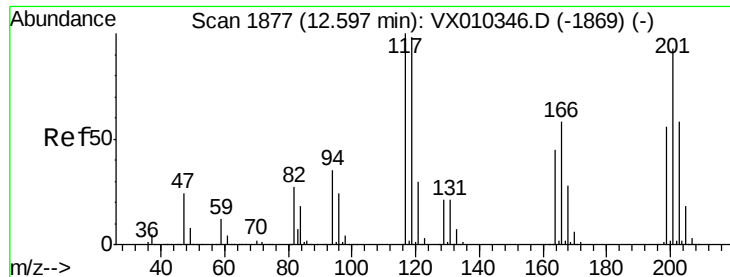
Tot Ion:146 Resp: 250611
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.1 54.3
 148 64.1 32.1 96.3



#89
 n-Butylbenzene
 Concen: 45.178 ug/l
 RT: 12.38 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX010848.D
 Acq: 12 Jul 2019 19:56

Tgt Ion: 91 Resp: 411711
 Ion Ratio Lower Upper
 91 100
 92 52.0 26.2 78.5
 134 28.1 14.1 42.4

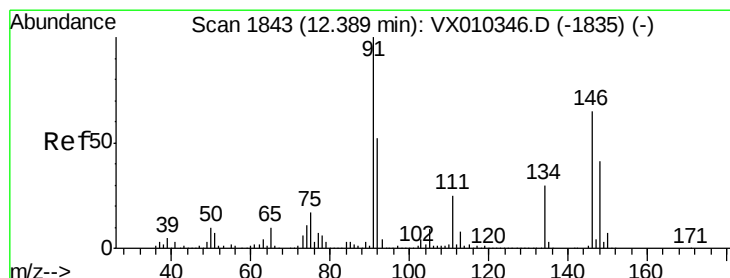
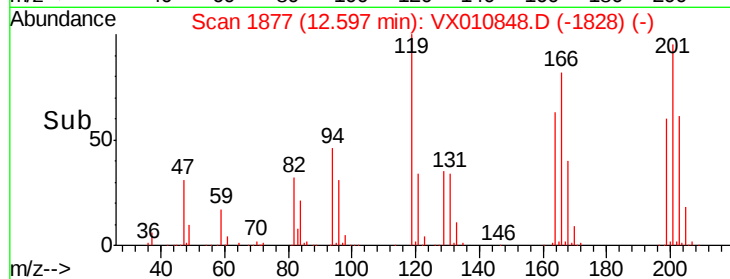
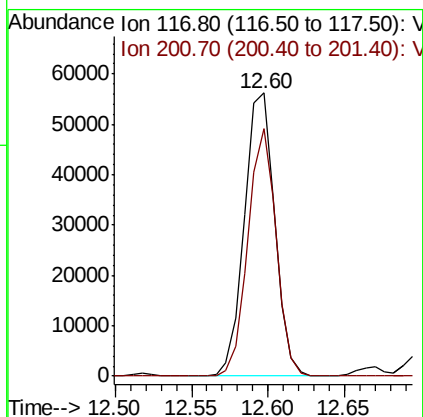
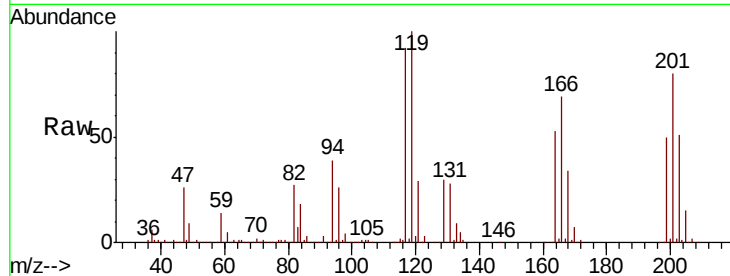




#90
Hexachloroethane
Concen: 41.724 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX010848.D
Acq: 12 Jul 2019 19:56

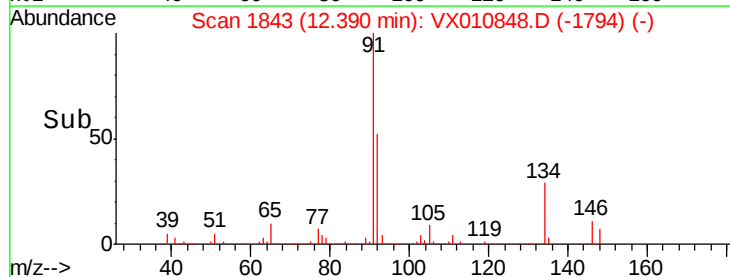
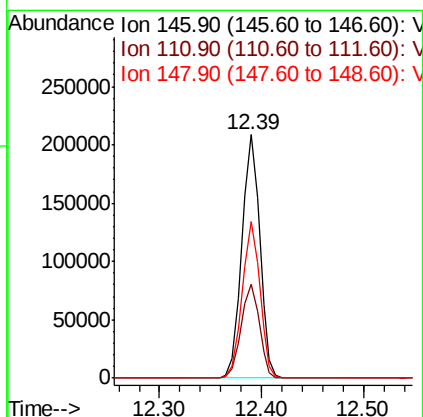
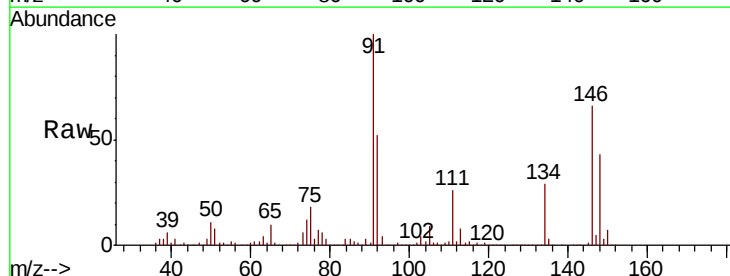
Instrument :
MSVOA_X
ClientSampleId :
FL-0583MSD

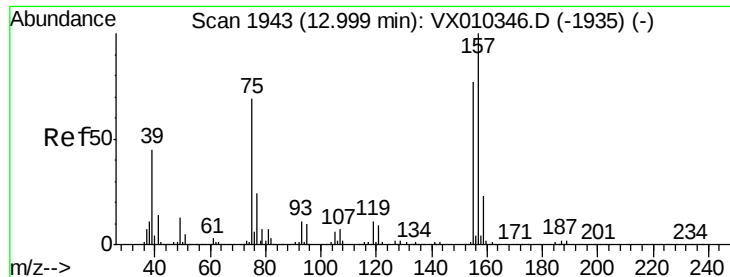
Tot Ion:117 Resp: 77373
Ion Ratio Lower Upper
117 100
201 81.2 44.0 131.8



#91
1,2-Dichlorobenzene
Concen: 43.698 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX010848.D
Acq: 12 Jul 2019 19:56

Tgt Ion:146 Resp: 252637
Ion Ratio Lower Upper
146 100
111 39.2 19.2 57.6
148 63.5 32.0 96.0





#92

1,2-Dibromo-3-Chloropropane

Concen: 43.636 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX010848.D

Acq: 12 Jul 2019 19:56

Instrument :

MSVOA_X

ClientSampleId :

FL-0583MSD

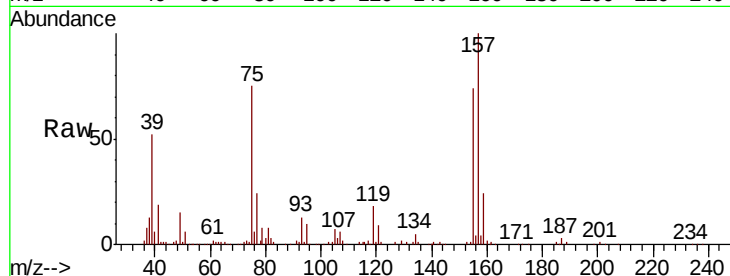
Tot Ion: 75 Resp: 37185

Ion Ratio Lower Upper

75 100

155 96.7 54.4 163.1

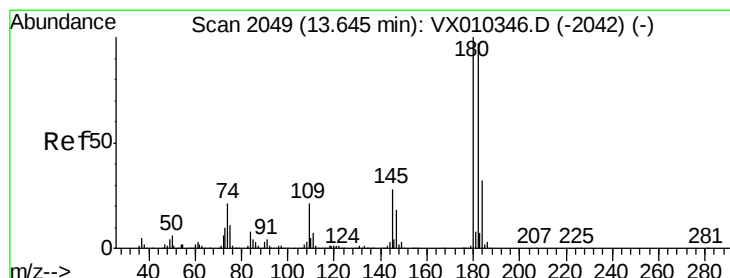
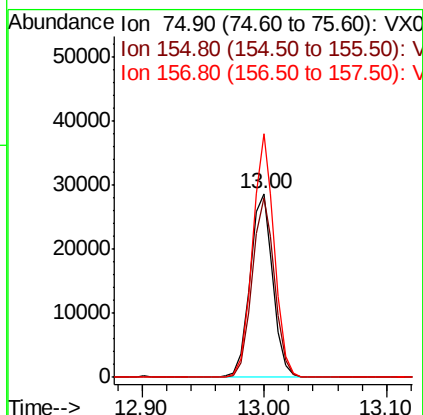
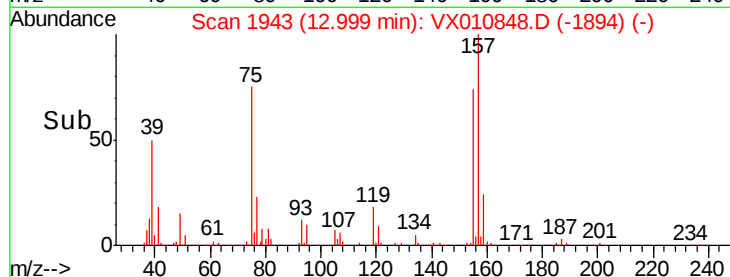
157 126.1 69.5 208.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 42.529 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. 0.00 min

Lab File: VX010848.D

Acq: 12 Jul 2019 19:56

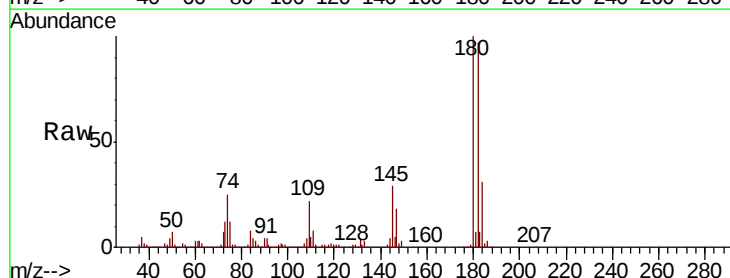
Tgt Ion:180 Resp: 170511

Ion Ratio Lower Upper

180 100

182 97.3 48.0 144.0

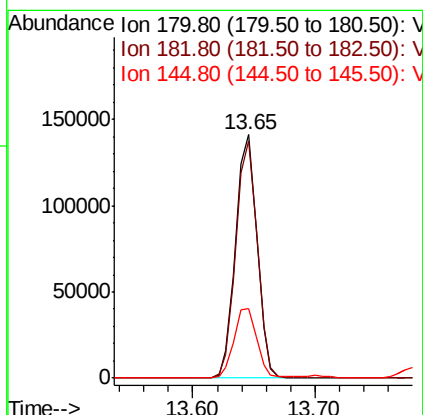
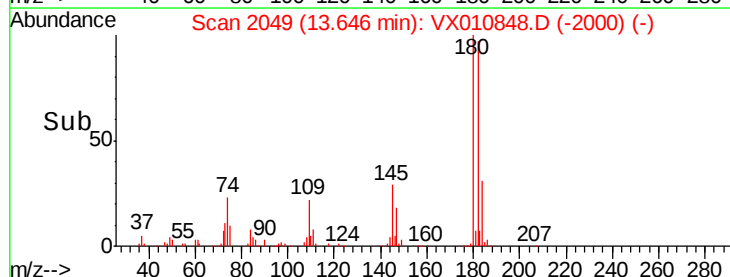
145 30.4 14.4 43.4

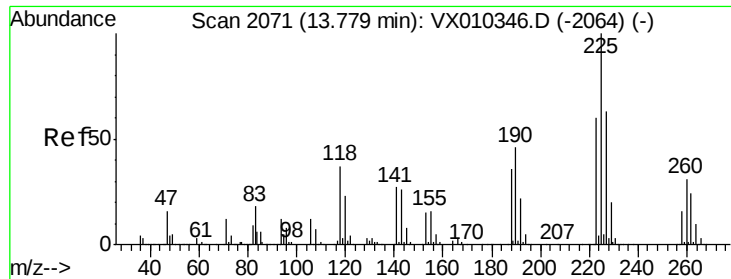


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 41.492 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VX010848.D

Acq: 12 Jul 2019 19:56

Instrument :

MSVOA_X

ClientSampled :

FL-0583MSD

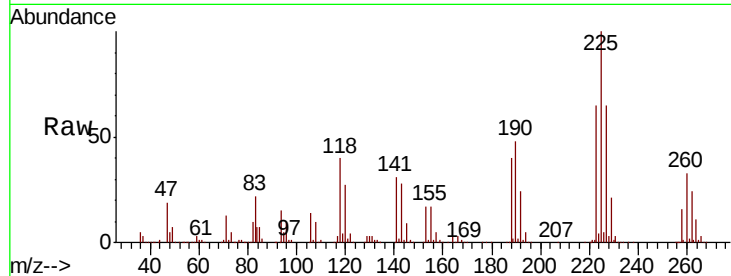
Tot Ion:225 Resp: 81304

Ion Ratio Lower Upper

225 100

223 64.1 30.9 92.7

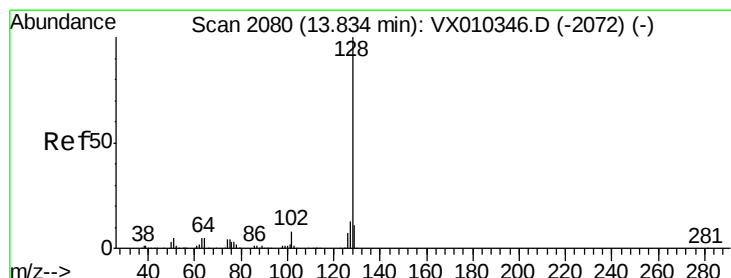
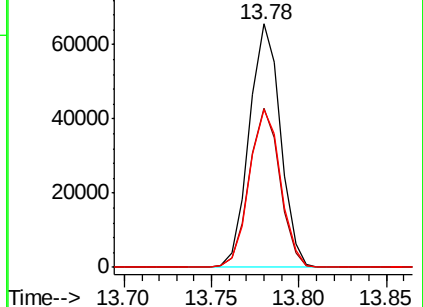
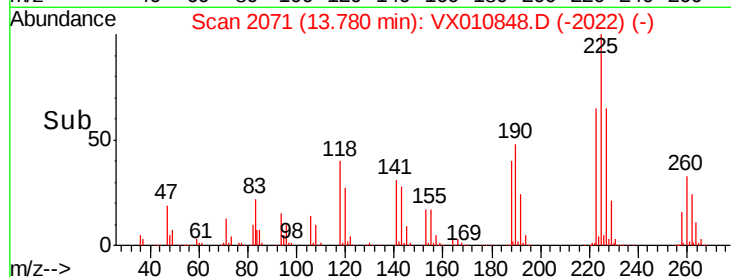
227 65.0 31.9 95.5



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 52.535 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX010848.D

Acq: 12 Jul 2019 19:56

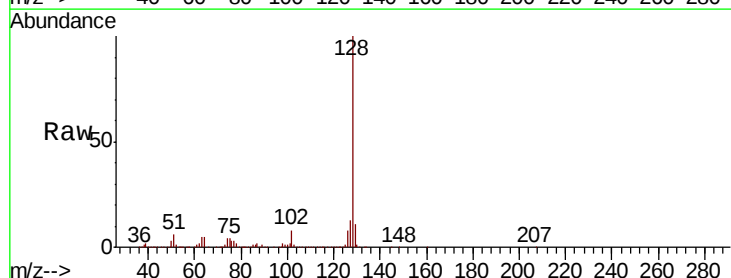
Tgt Ion:128 Resp: 647272

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.4

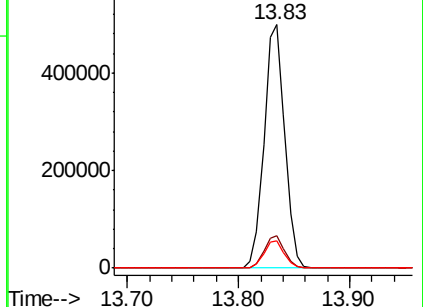
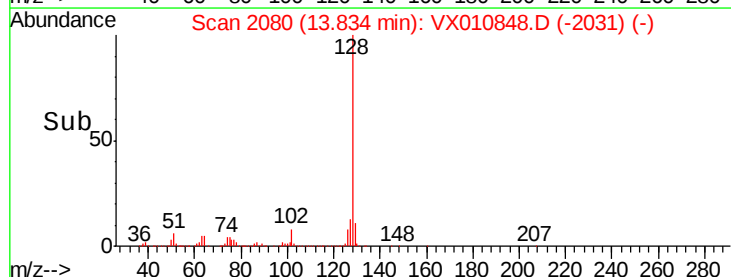
129 11.2 8.9 13.3

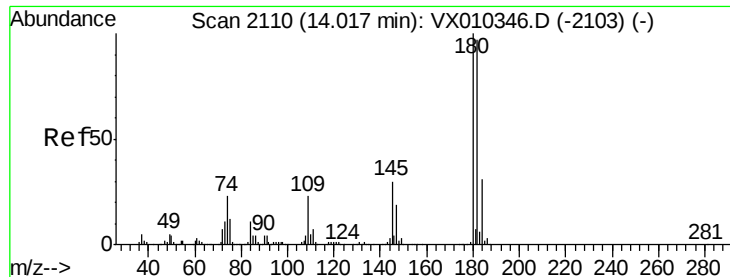


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

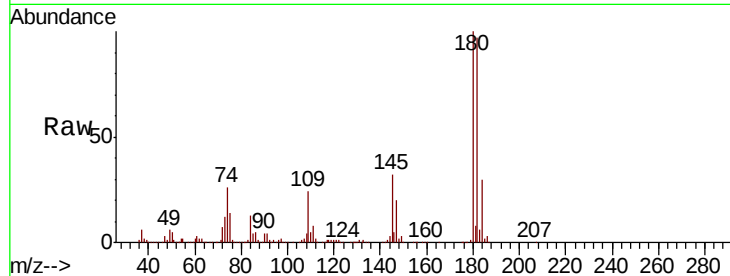




#96
 1,2,3-Trichlorobenzene
 Concen: 43.631 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. 0.00 min
 Lab File: VX010848.D
 Acq: 12 Jul 2019 19:56

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0583MSD

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.8	143.3
145	32.5	15.2	45.6



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

