

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071219\
 Data File : VX010847.D
 Acq On : 12 Jul 2019 19:33
 Operator : JC/SP
 Sample : K3786-03MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0583MS

Quant Time: Jul 13 01:42:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	240643	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	365507	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	336992	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	178896	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	97357	43.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.30%	
35) Dibromofluoromethane	5.50	113	91584	40.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.90%	
50) Toluene-d8	8.71	98	334770	39.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.26%	
62) 4-Bromofluorobenzene	11.13	95	127207	41.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.36%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	80225	47.952	ug/l	99
3) Chloromethane	1.32	50	83770	43.000	ug/l	99
4) Vinyl Chloride	1.41	62	92240	43.228	ug/l	100
5) Bromomethane	1.64	94	39210	37.719	ug/l	100
6) Chloroethane	1.72	64	63666	50.573	ug/l	96
7) Trichlorofluoromethane	1.93	101	160052	47.317	ug/l	98
8) Diethyl Ether	2.19	74	57233	47.182	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	89950	43.881	ug/l	99
10) Methyl Iodide	2.51	142	86700	29.637	ug/l	97
11) Tert butyl alcohol	3.05	59	107213	181.596	ug/l	100
12) 1,1-Dichloroethene	2.37	96	90257	43.271	ug/l	94
13) Acrolein	2.29	56	89885	229.503	ug/l	99
14) Allyl chloride	2.73	41	129734	43.810	ug/l	96
15) Acrylonitrile	3.14	53	264082	225.922	ug/l	99
16) Acetone	2.45	43	215749	190.798	ug/l	97
17) Carbon Disulfide	2.57	76	214293	38.294	ug/l	99
18) Methyl Acetate	2.78	43	91271	40.498	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	299461	45.637	ug/l	98
20) Methylene Chloride	2.85	84	102793	44.173	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	96566	43.046	ug/l	98
22) Diisopropyl ether	3.85	45	286105	46.210	ug/l	94
23) Vinyl Acetate	3.81	43	1102815	206.184	ug/l	98
24) 1,1-Dichloroethane	3.70	63	162408	45.380	ug/l	99
25) 2-Butanone	4.67	43	355573	214.368	ug/l	97
26) 2,2-Dichloropropane	4.59	77	105380	33.896	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	112659	43.458	ug/l	99
28) Bromochloromethane	5.01	49	70896	41.433	ug/l	93
29) Tetrahydrofuran	5.13	42	232665	226.458	ug/l	98
30) Chloroform	5.21	83	175351	45.538	ug/l	98
31) Cyclohexane	5.57	56	147216	45.172	ug/l	91
32) 1,1,1-Trichloroethane	5.49	97	151164	44.459	ug/l	100
36) 1,1-Dichloropropene	5.80	75	124829	42.977	ug/l	99
37) Ethyl Acetate	4.84	43	121787	40.758	ug/l	99
38) Carbon Tetrachloride	5.78	117	132152	42.017	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)
39) Methylcyclohexane	7.46	83	158457	41.504	ug/l	99
40) Benzene	6.14	78	396829	43.854	ug/l	98
41) Methacrylonitrile	5.04	41	74633	45.522	ug/l	98
42) 1,2-Dichloroethane	6.19	62	132086	47.953	ug/l	98
43) Isopropyl Acetate	6.45	43	206279	41.726	ug/l	98
44) Trichloroethene	7.21	130	112048	41.381	ug/l	99
45) 1,2-Dichloropropane	7.51	63	100195	43.847	ug/l	98
46) Dibromomethane	7.66	93	72246	44.066	ug/l	96
47) Bromodichloromethane	7.90	83	129783	43.195	ug/l	98
48) Methyl methacrylate	7.77	41	106355	46.284	ug/l	97
49) 1,4-Dioxane	7.74	88	50268	759.377	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	731180	231.255	ug/l	98
52) Toluene	8.78	92	256874	43.106	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	135517	40.230	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	149189	40.754	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	111017	45.172	ug/l	98
56) Ethyl methacrylate	9.18	69	164878	44.286	ug/l	95
57) 1,3-Dichloropropane	9.37	76	168909	44.275	ug/l	100
59) 2-Hexanone	9.49	43	565889	227.407	ug/l	98
60) Dibromochloromethane	9.58	129	114246	41.518	ug/l	100
61) 1,2-Dibromoethane	9.67	107	117093	44.140	ug/l	99
64) Tetrachloroethene	9.34	164	102471	37.595	ug/l	100
65) Chlorobenzene	10.13	112	289039	42.247	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	107495	43.135	ug/l	99
67) Ethyl Benzene	10.25	91	958254	82.965	ug/l	98
68) m/p-Xylenes	10.36	106	495306	110.674	ug/l	99
69) o-Xylene	10.69	106	193907	44.059	ug/l	99
70) Stvrene	10.71	104	330576	44.788	ug/l	98
71) Bromoform	10.85	173	86832	40.067	ug/l #	100
73) Isopropylbenzene	11.02	105	548683	45.245	ug/l	98
74) N-amyl acetate	10.90	43	185155	40.400	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	173216	43.130	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	179275	54.993	ug/l	80
77) Bromobenzene	11.26	156	136985	40.454	ug/l	97
78) n-propylbenzene	11.36	91	602664	45.218	ug/l	98
79) 2-Chlorotoluene	11.42	91	337106	42.475	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	433839	43.396	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	43409	31.064	ug/l	89
82) 4-Chlorotoluene	11.51	91	394576	43.692	ug/l	99
83) tert-Butylbenzene	11.77	119	438446	43.696	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	674994	67.203	ug/l	99
85) sec-Butylbenzene	11.94	105	506783	43.016	ug/l	99
86) p-Isopropyltoluene	12.06	119	470037	43.133	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	244844	41.423	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	246345	40.938	ug/l	99
89) n-Butylbenzene	12.38	91	403770	43.603	ug/l	100
90) Hexachloroethane	12.59	117	73727	39.127	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	243984	41.532	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	35419	40.905	ug/l	89
93) 1,2,4-Trichlorobenzene	13.65	180	166809	40.945	ug/l	99

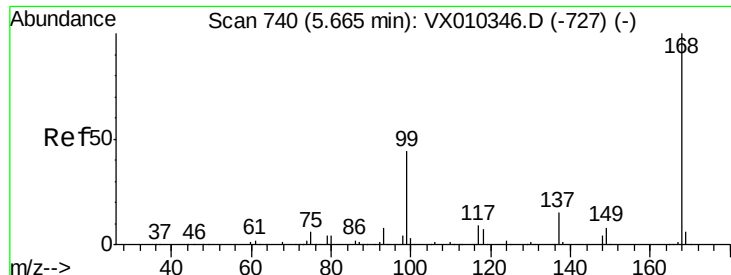
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Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	82021	41.194	ug/l	99
95) Naphthalene	13.83	128	624751	49.902	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	168290	41.548	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010847.D

Acq: 12 Jul 2019 19:33

Instrument :

MSVOA_X

ClientSampled :

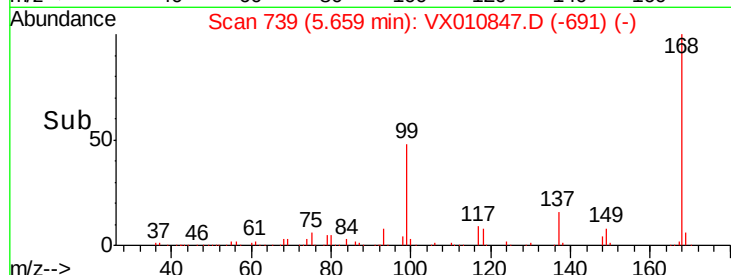
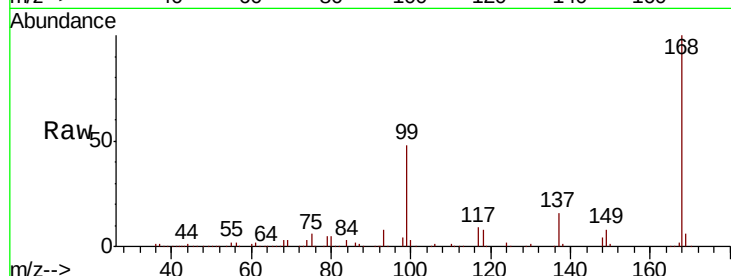
FL-0583MS

Tot Ion:168 Resp: 240643

Ion Ratio Lower Upper

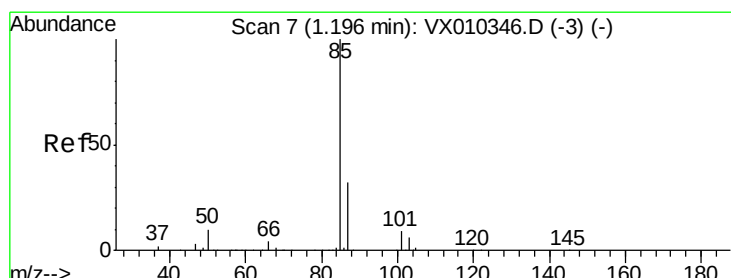
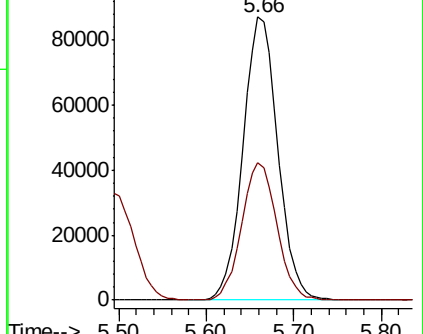
168 100

99 48.3 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 47.952 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010847.D

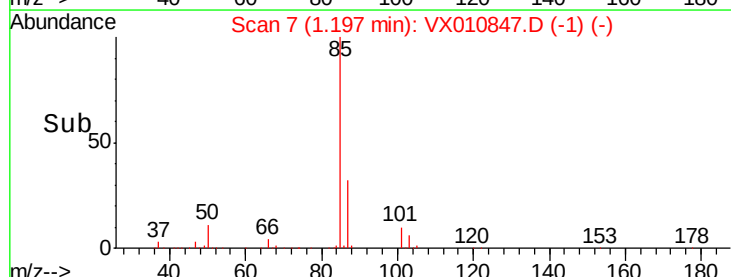
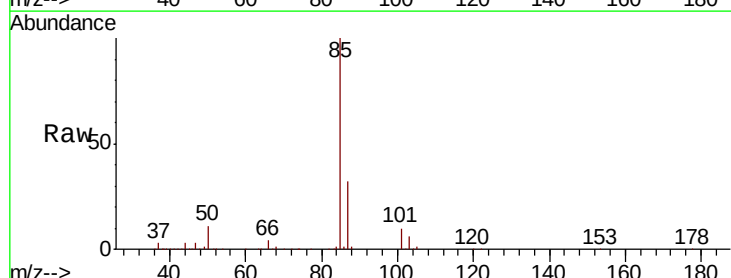
Acq: 12 Jul 2019 19:33

Tgt Ion: 85 Resp: 80225

Ion Ratio Lower Upper

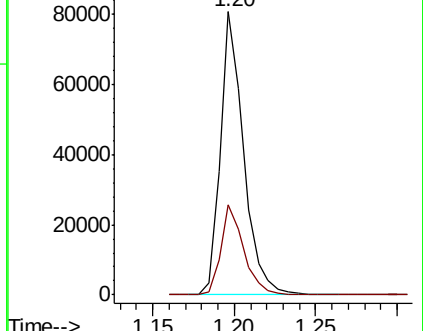
85 100

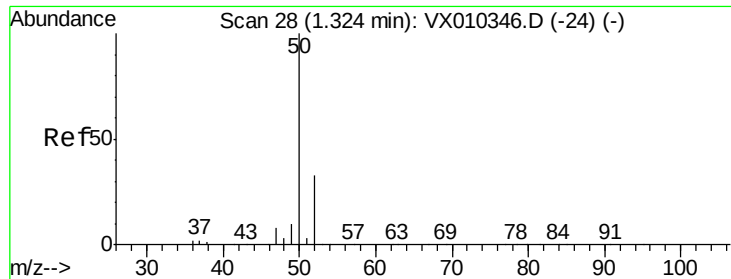
87 31.9 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 43.000 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010847.D

Acq: 12 Jul 2019 19:33

Instrument :

MSVOA_X

ClientSampleId :

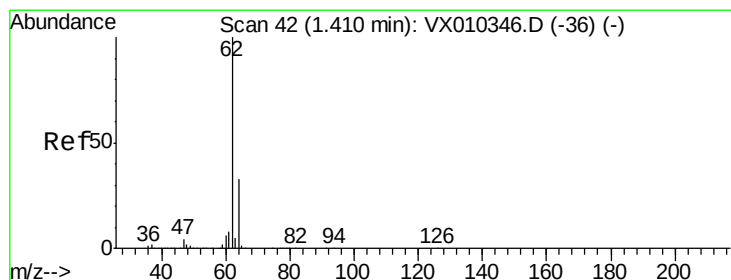
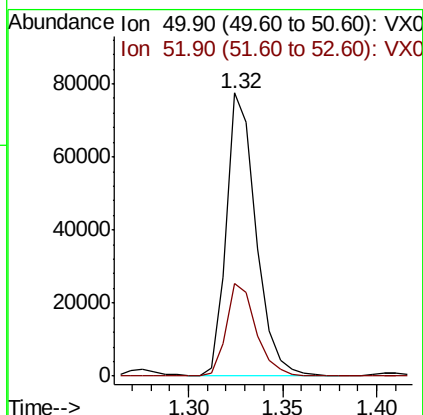
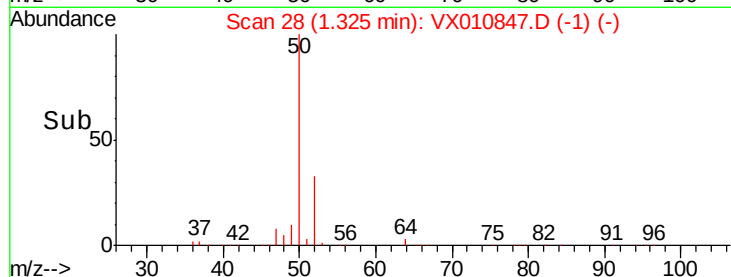
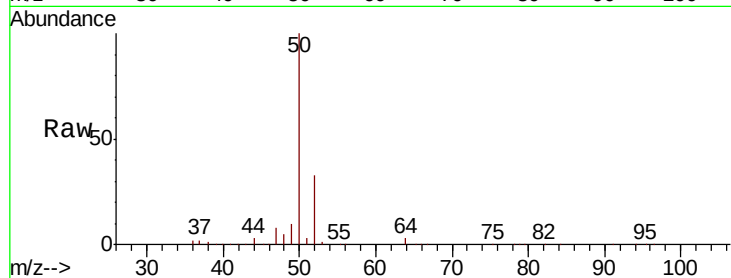
FL-0583MS

Tot Ion: 50 Resp: 83770

Ion Ratio Lower Upper

50 100

52 32.7 26.5 39.7



#4

Vinyl Chloride

Concen: 43.228 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010847.D

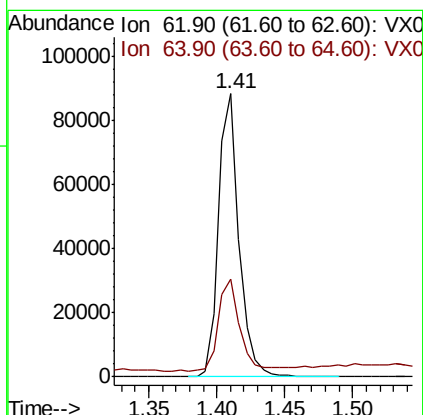
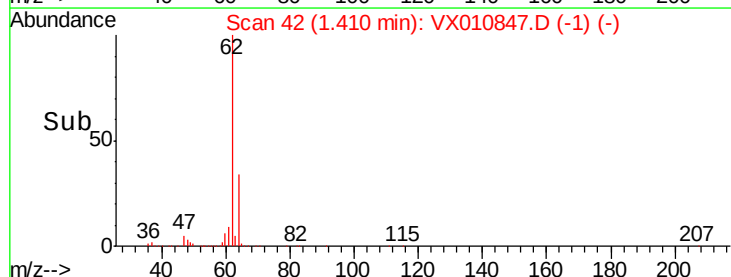
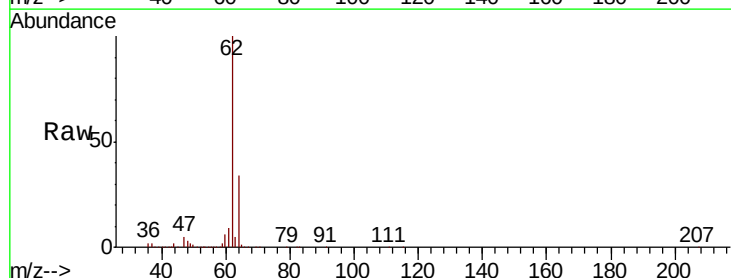
Acq: 12 Jul 2019 19:33

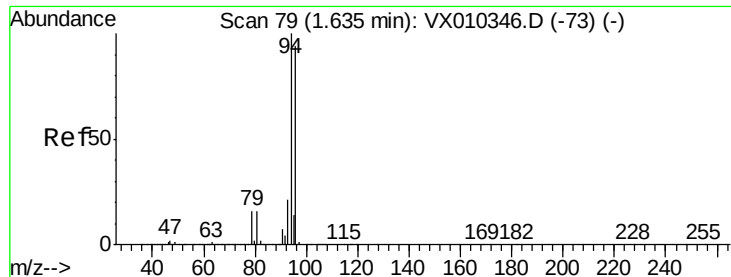
Tgt Ion: 62 Resp: 92240

Ion Ratio Lower Upper

62 100

64 32.7 26.2 39.4





#5

Bromomethane

Concen: 37.719 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010847.D

Acq: 12 Jul 2019 19:33

Instrument :

MSVOA_X

ClientSampleId :

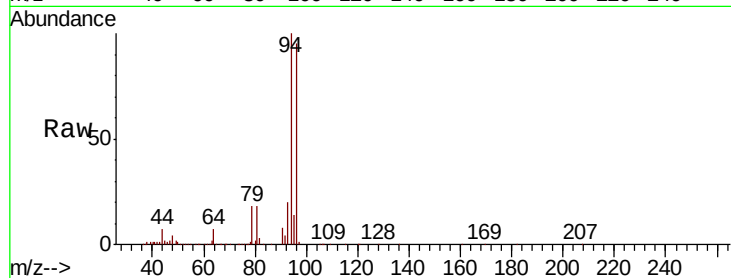
FL-0583MS

Tot Ion: 94 Resp: 39210

Ion Ratio Lower Upper

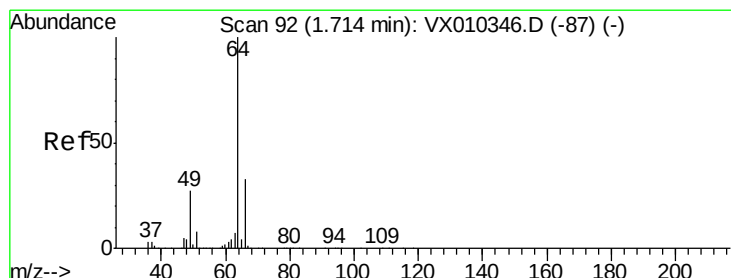
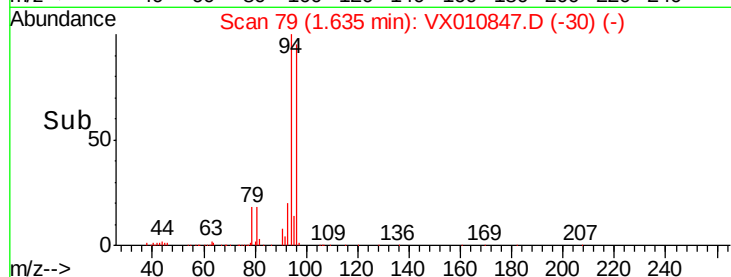
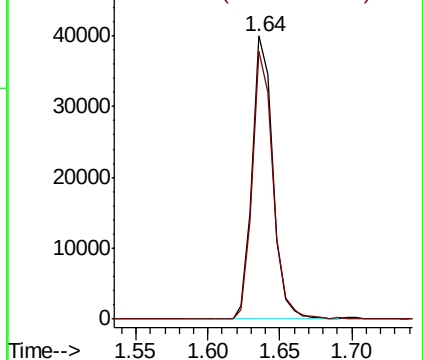
94 100

96 94.8 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: 50.573 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX010847.D

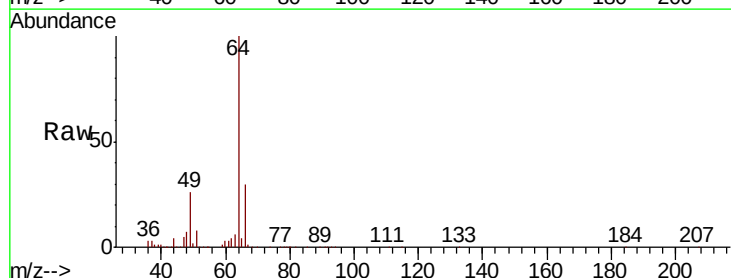
Acq: 12 Jul 2019 19:33

Tgt Ion: 64 Resp: 63666

Ion Ratio Lower Upper

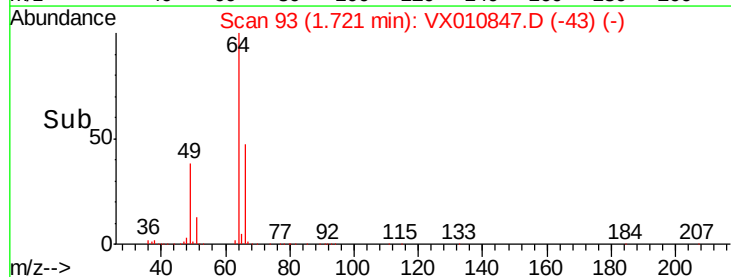
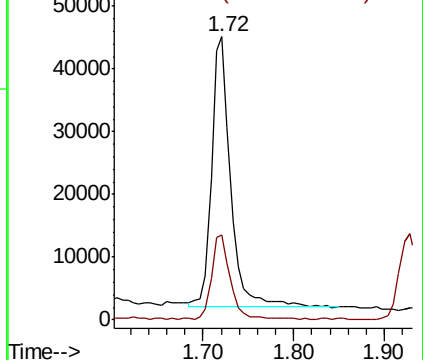
64 100

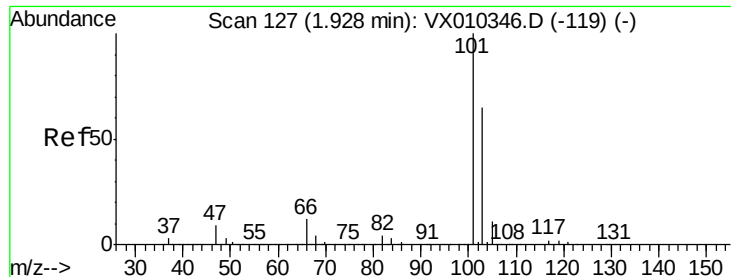
66 30.8 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



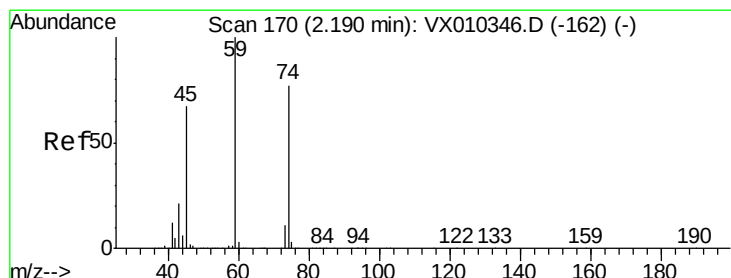
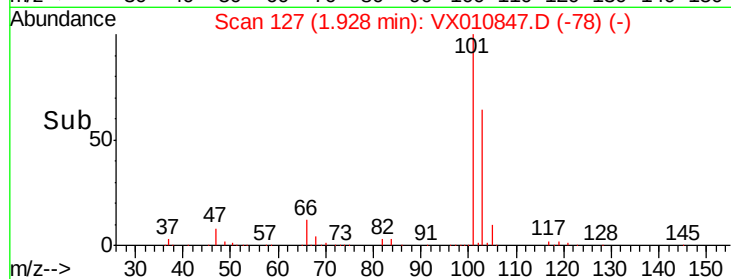
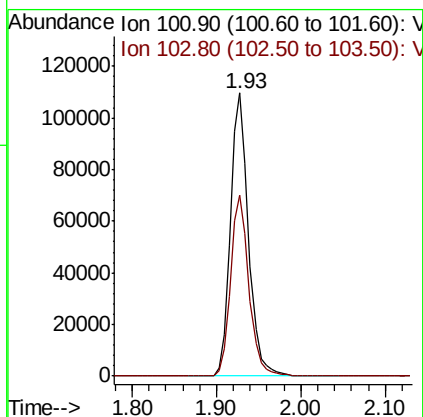
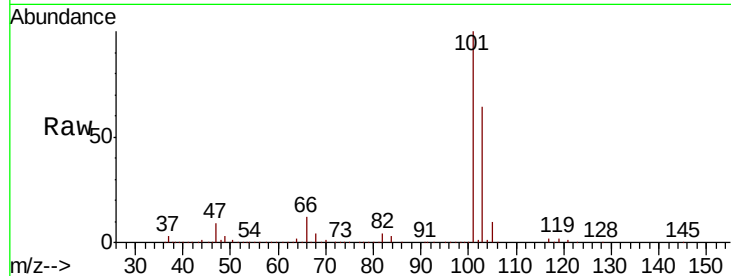


#7

Trichlorofluoromethane
 Concen: 47.317 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.00 min
 Lab File: VX010847.D
 Acq: 12 Jul 2019 19:33

Instrument :
 MSVOA_X
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 FL-0583MS

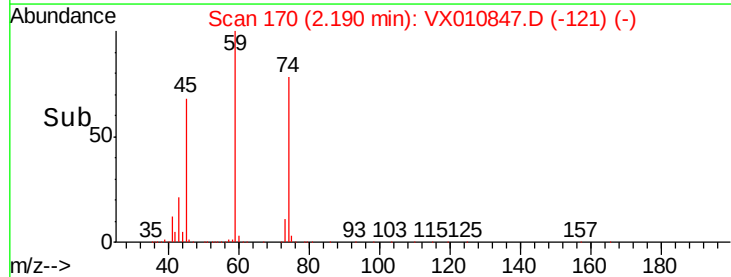
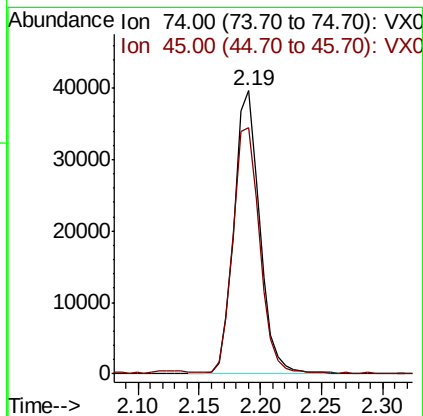
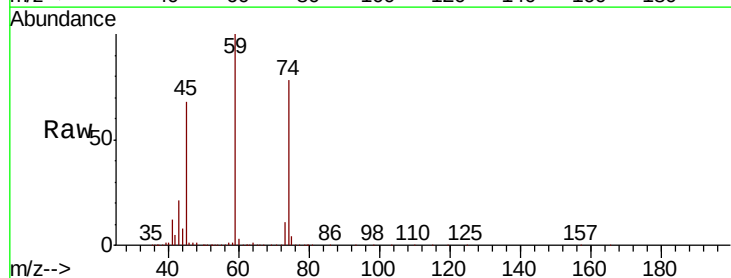
Tot Ion:101 Resp: 160052
 Ion Ratio Lower Upper
 101 100
 103 64.1 52.3 78.5

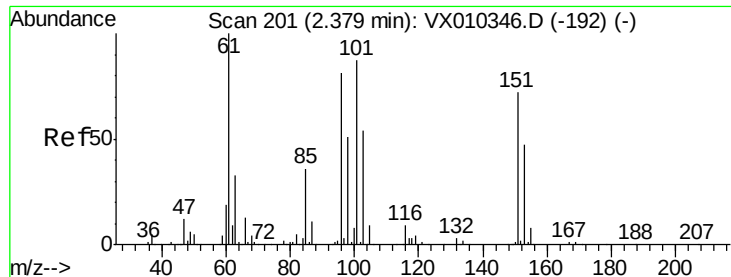


#8

Diethyl Ether
 Concen: 47.182 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX010847.D
 Acq: 12 Jul 2019 19:33

Tgt Ion: 74 Resp: 57233
 Ion Ratio Lower Upper
 74 100
 45 89.6 44.8 134.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.881 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX010847.D

Acq: 12 Jul 2019 19:33

Instrument :

MSVOA_X

ClientSampleId :

FL-0583MS

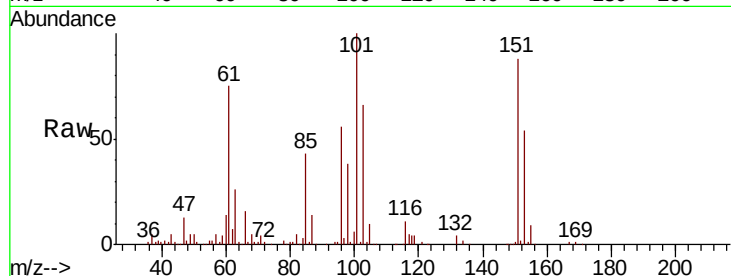
Tot Ion:101 Resp: 89950

Ion Ratio Lower Upper

101 100

85 43.1 33.7 50.5

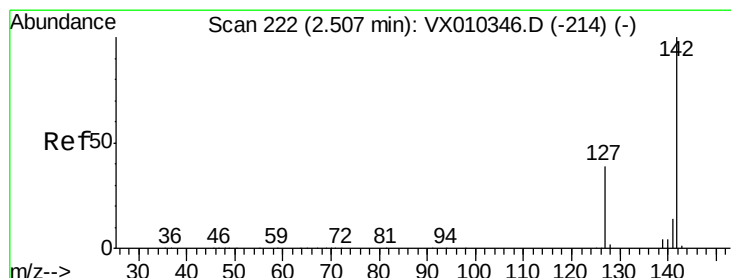
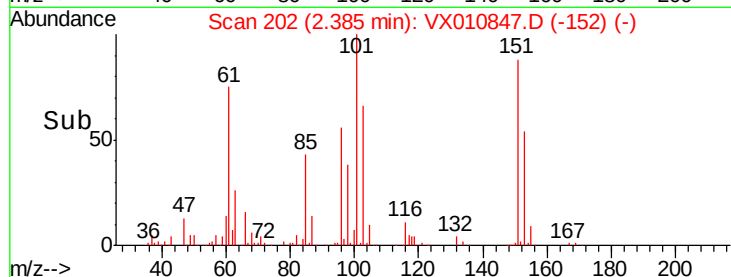
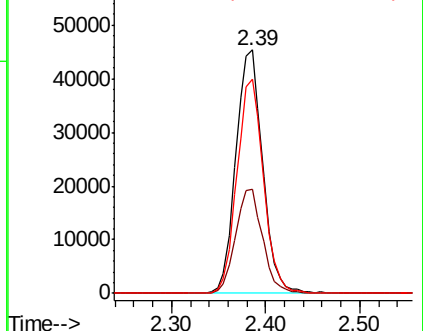
151 87.4 70.1 105.1



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: 29.637 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX010847.D

Acq: 12 Jul 2019 19:33

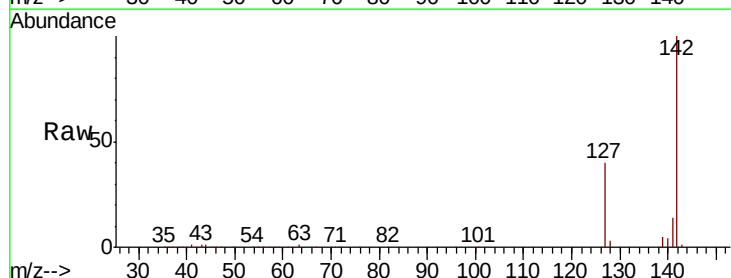
Tgt Ion:142 Resp: 86700

Ion Ratio Lower Upper

142 100

127 40.9 31.1 46.7

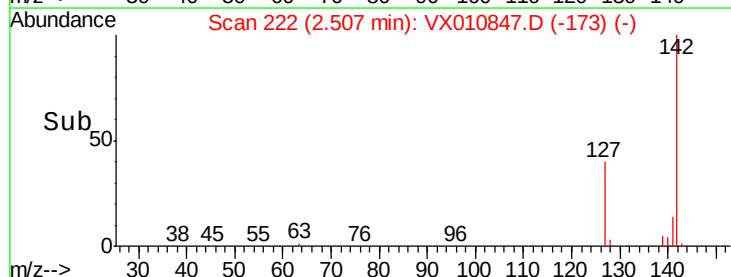
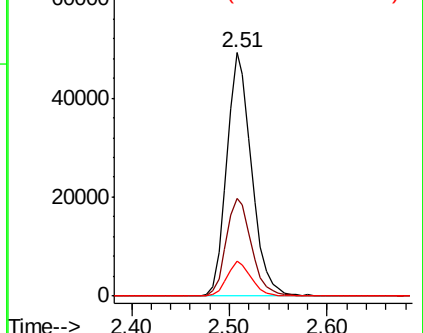
141 14.3 11.2 16.8

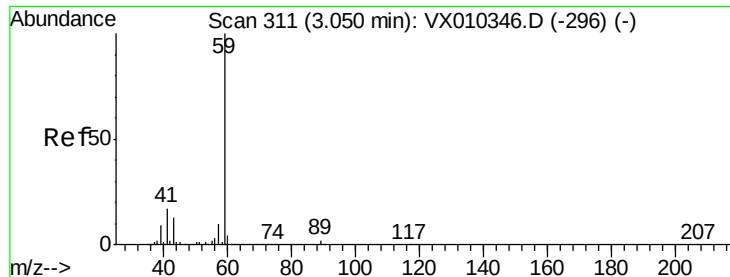


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



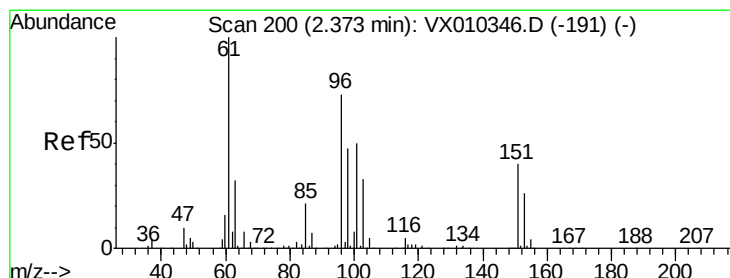
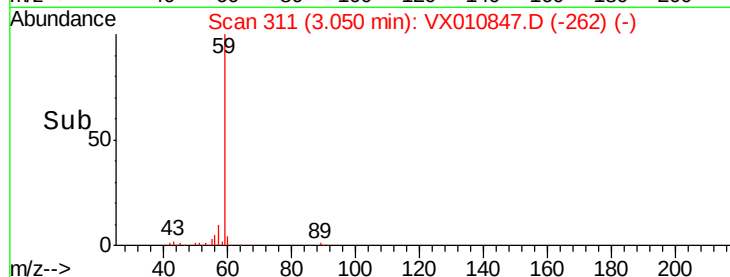
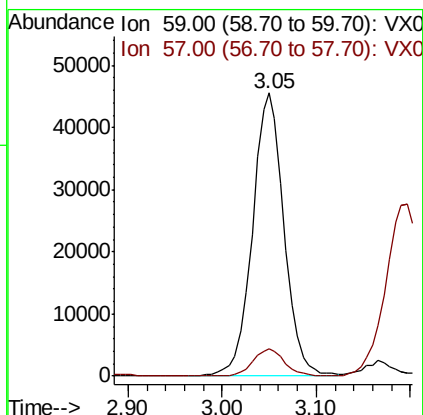
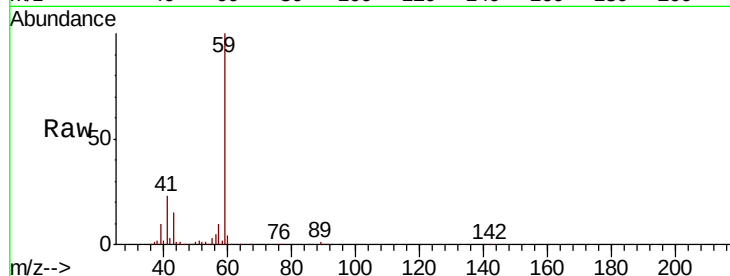


#11

Tert butyl alcohol
Concen: 181.596 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.00 min
Lab File: VX010847.D
Acq: 12 Jul 2019 19:33

Instrument :
MSVOA_X
ClientSampled :
FL-0583MS

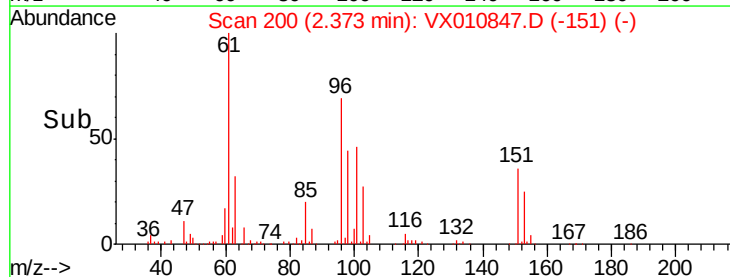
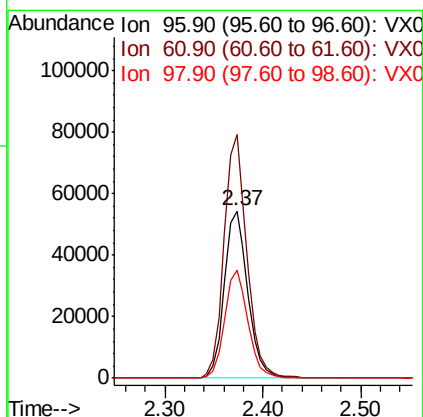
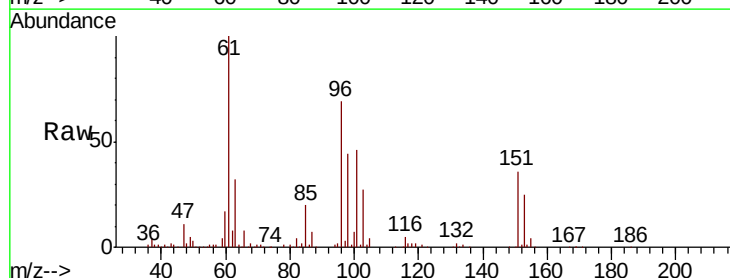
Tot Ion: 59 Resp: 107213
Ion Ratio Lower Upper
59 100
57 9.8 7.7 11.5

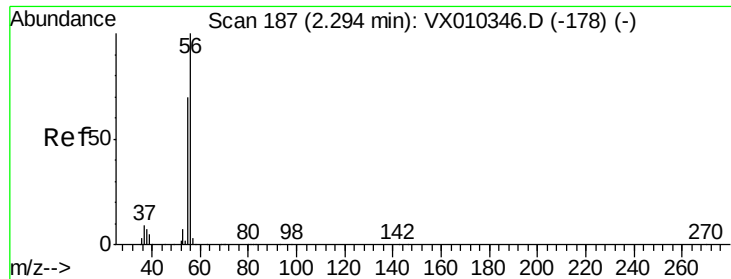


#12

1,1-Dichloroethene
Concen: 43.271 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX010847.D
Acq: 12 Jul 2019 19:33

Tgt Ion: 96 Resp: 90257
Ion Ratio Lower Upper
96 100
61 145.8 109.2 163.8
98 64.9 51.1 76.7

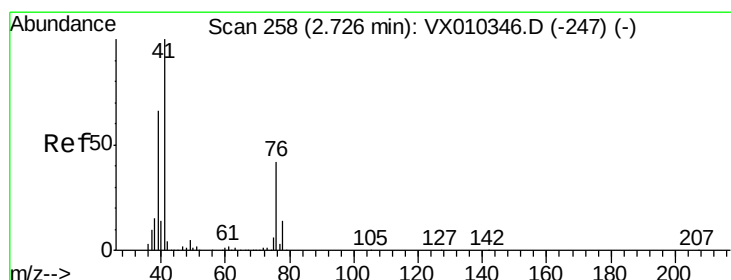
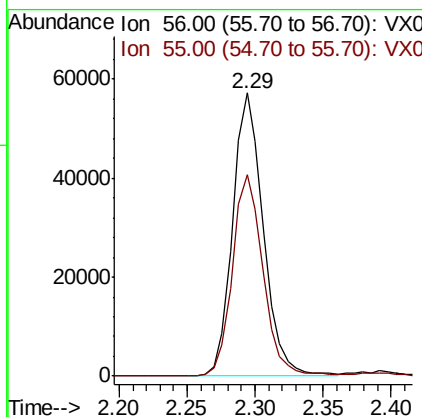
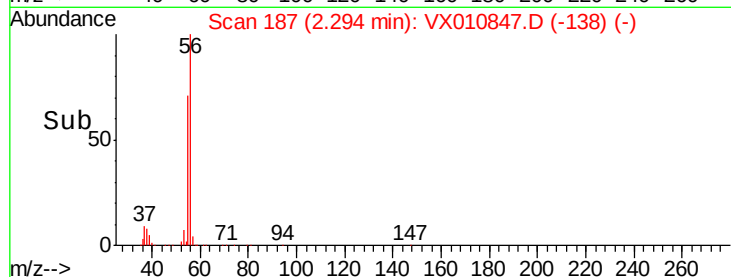
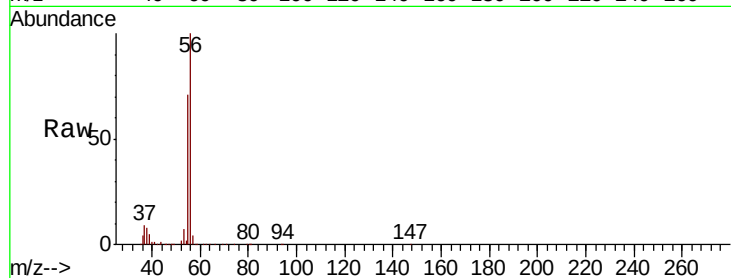




#13
Acrolein
Concen: 229.503 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX010847.D
Acq: 12 Jul 2019 19:33

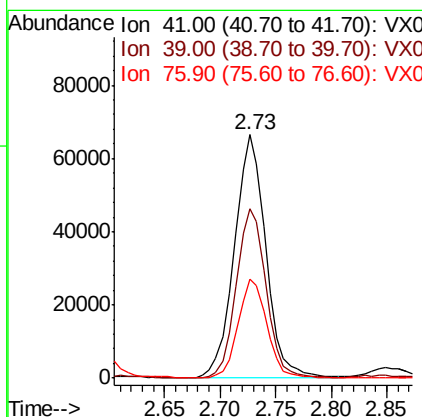
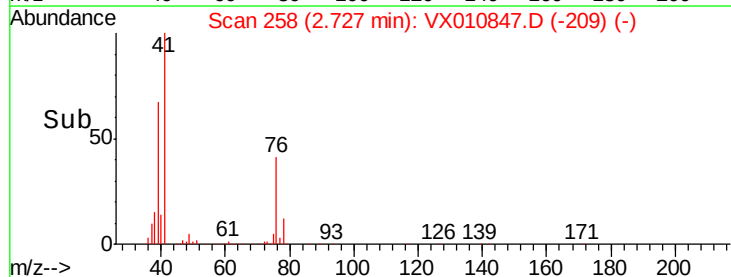
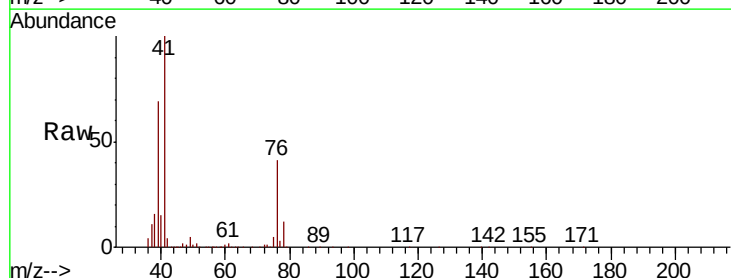
Instrument :
MSVOA_X
ClientSampleId :
FL-0583MS

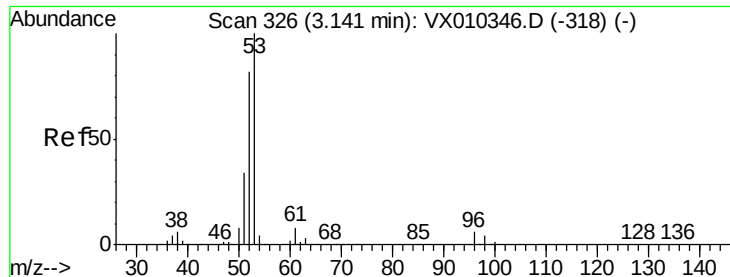
Tot Ion: 56 Resp: 89885
Ion Ratio Lower Upper
56 100
55 70.5 56.9 85.3



#14
Allyl chloride
Concen: 43.810 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.00 min
Lab File: VX010847.D
Acq: 12 Jul 2019 19:33

Tgt Ion: 41 Resp: 129734
Ion Ratio Lower Upper
41 100
39 66.0 50.3 75.5
76 37.1 31.3 46.9





#15

Acrylonitrile

Concen: 225.922 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010847.D

Acq: 12 Jul 2019 19:33

Instrument :

MSVOA_X

ClientSampled :

FL-0583MS

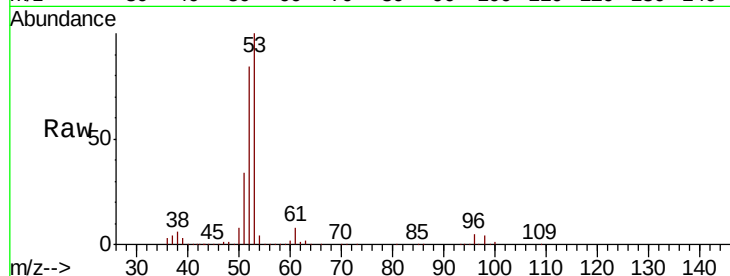
Tot Ion: 53 Resp: 264082

Ion Ratio Lower Upper

53 100

52 83.4 65.5 98.3

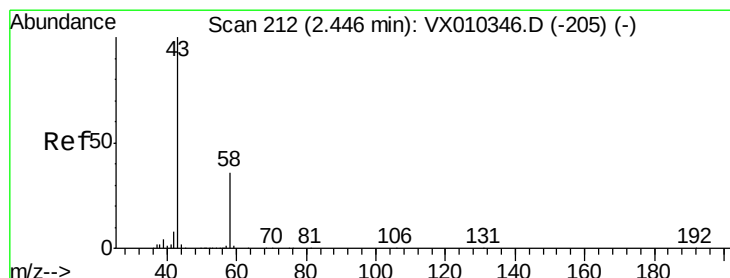
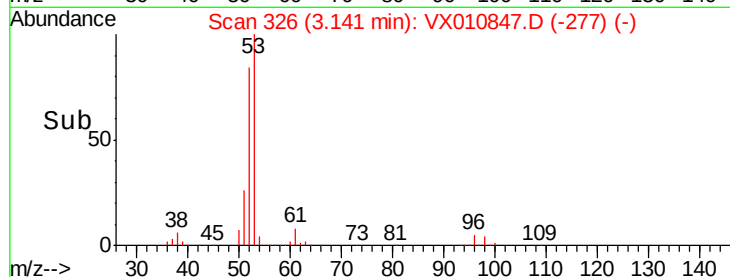
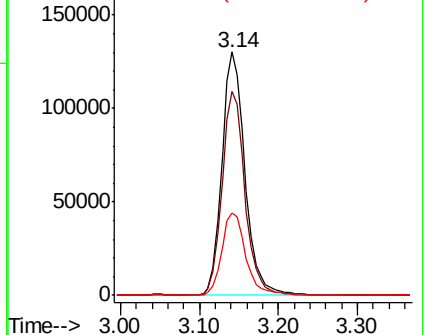
51 35.2 28.2 42.4



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: 190.798 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010847.D

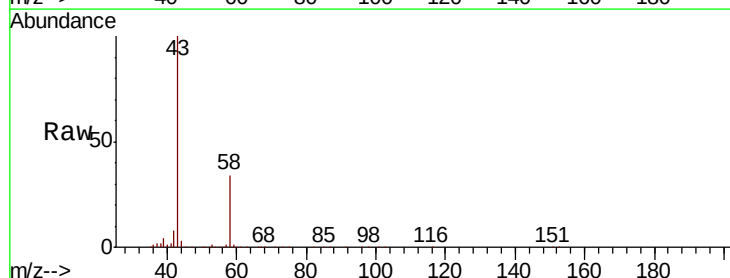
Acq: 12 Jul 2019 19:33

Tgt Ion: 43 Resp: 215749

Ion Ratio Lower Upper

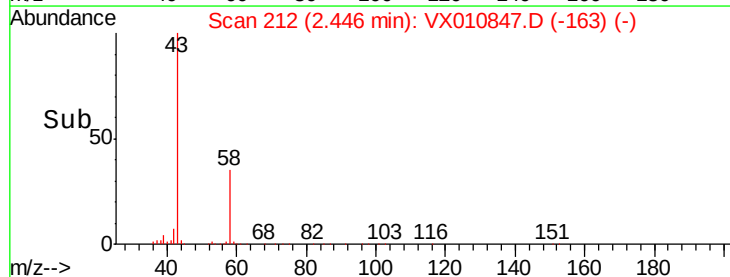
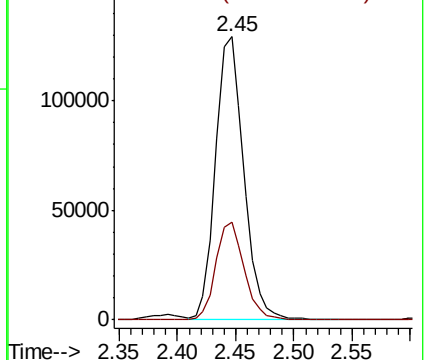
43 100

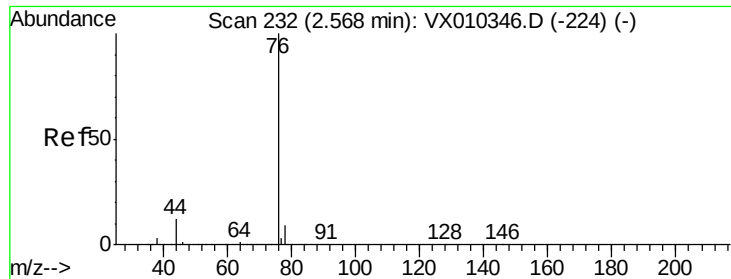
58 34.5 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 38.294 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX010847.D

Acq: 12 Jul 2019 19:33

Instrument :

MSVOA_X

ClientSampled :

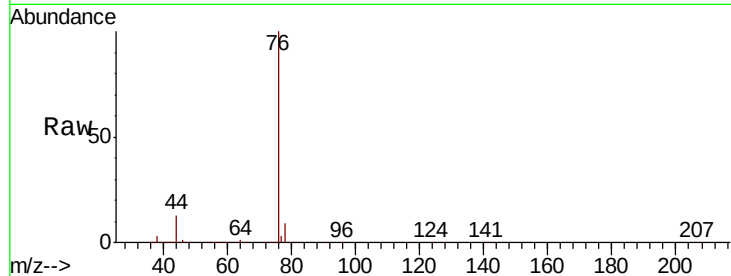
FL-0583MS

Tot Ion: 76 Resp: 214293

Ion Ratio Lower Upper

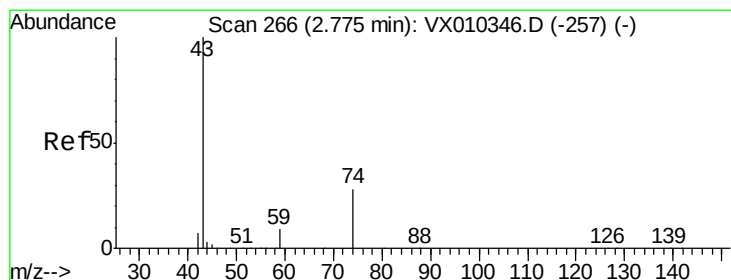
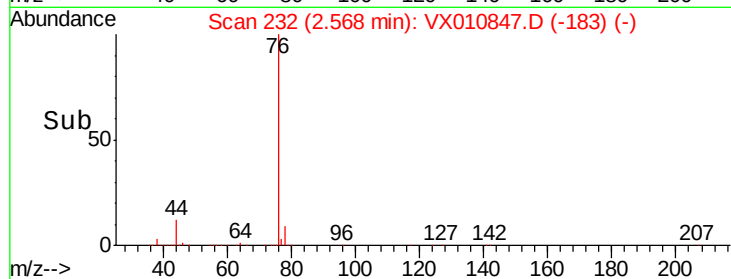
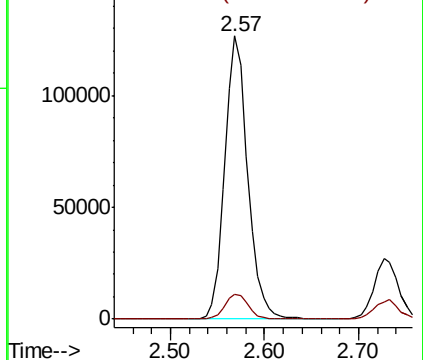
76 100

78 8.8 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 40.498 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX010847.D

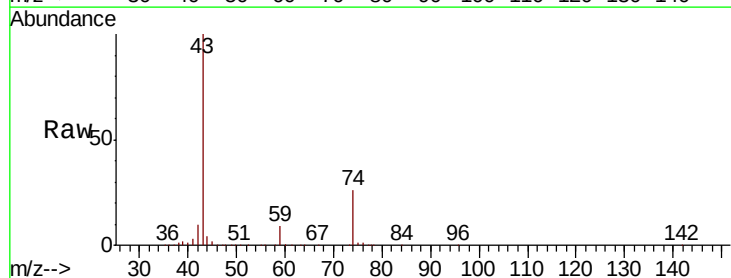
Acq: 12 Jul 2019 19:33

Tgt Ion: 43 Resp: 91271

Ion Ratio Lower Upper

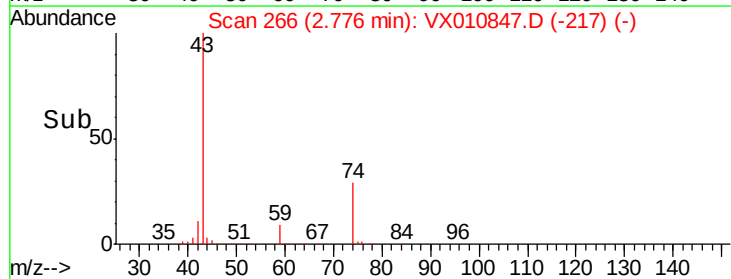
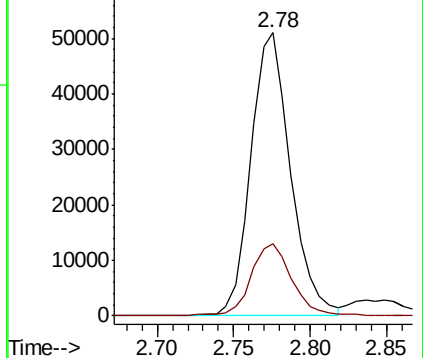
43 100

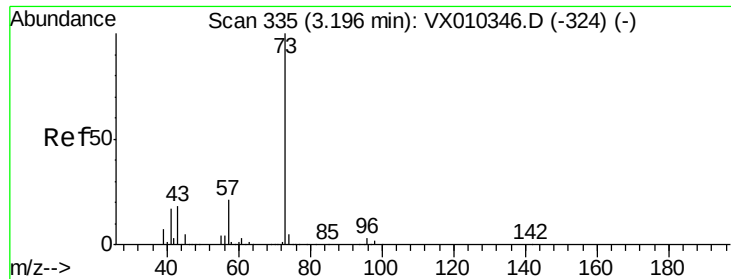
74 26.7 21.3 31.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



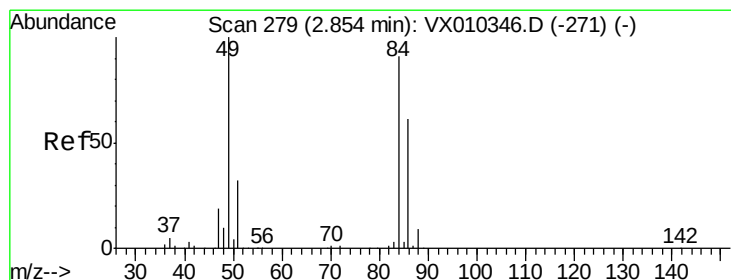
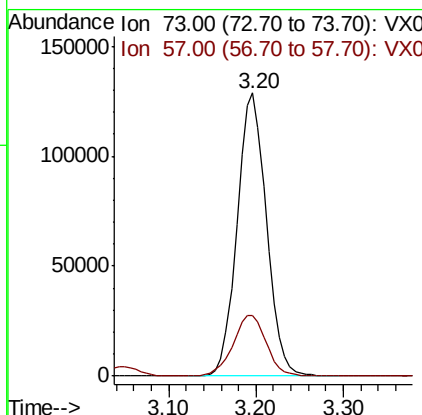
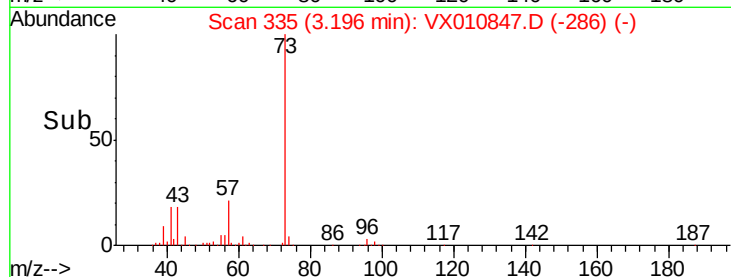
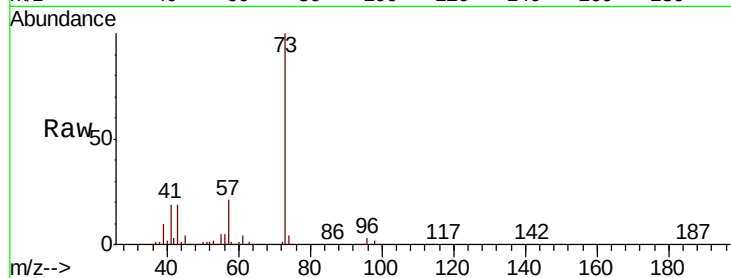


#19

Methyl tert-butyl Ether
 Concen: 45.637 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. 0.00 min
 Lab File: VX010847.D
 Acq: 12 Jul 2019 19:33

Instrument :
 MSVOA_X
 ClientSampled :
 FL-0583MS

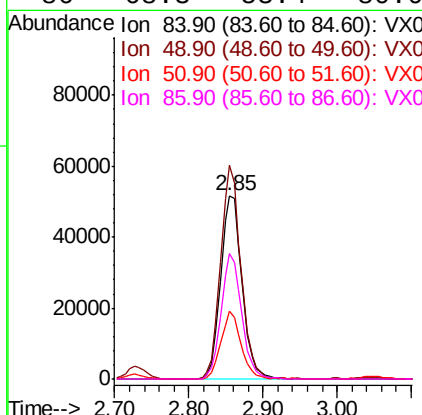
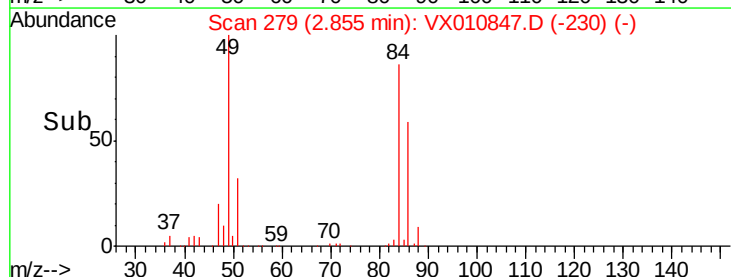
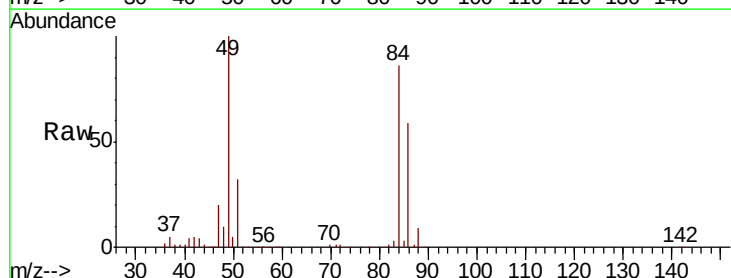
Tot Ion: 73 Resp: 299461
 Ion Ratio Lower Upper
 73 100
 57 21.4 16.4 24.6

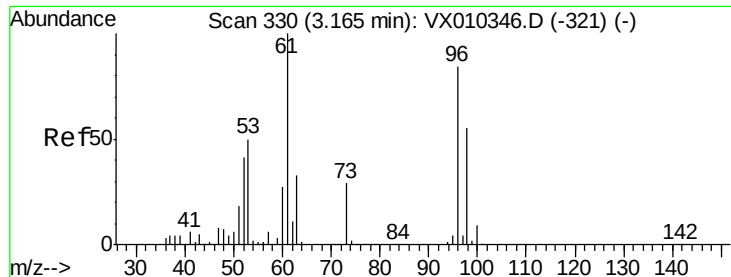


#20

Methylene Chloride
 Concen: 44.173 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX010847.D
 Acq: 12 Jul 2019 19:33

Tgt Ion: 84 Resp: 102793
 Ion Ratio Lower Upper
 84 100
 49 116.4 87.5 131.3
 51 37.0 27.7 41.5
 86 68.3 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 43.046 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010847.D

Acq: 12 Jul 2019 19:33

Instrument :

MSVOA_X

ClientSampleId :

FL-0583MS

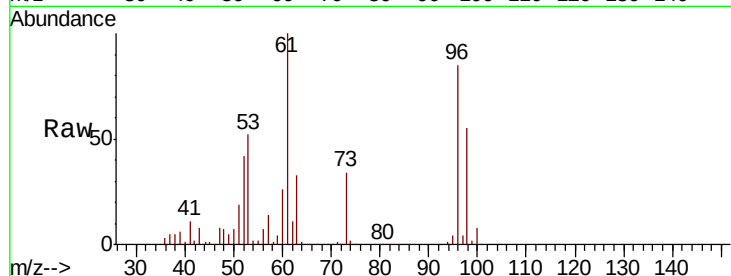
Tot Ion: 96 Resp: 96566

Ion Ratio Lower Upper

96 100

61 117.3 95.6 143.4

98 64.6 52.5 78.7

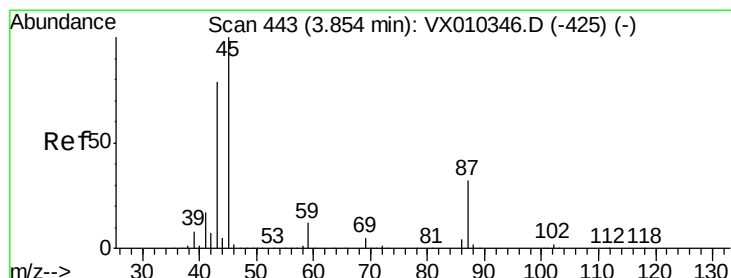
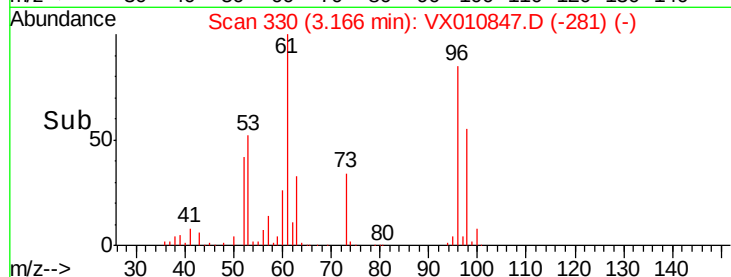
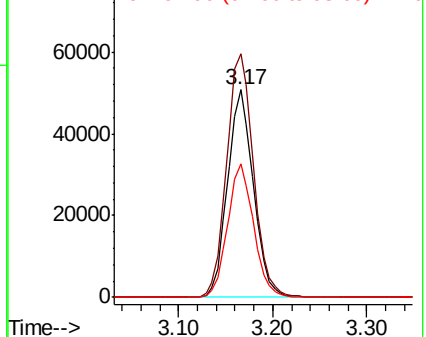


Abundance

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: 46.210 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX010847.D

Acq: 12 Jul 2019 19:33

Tgt Ion: 45 Resp: 286105

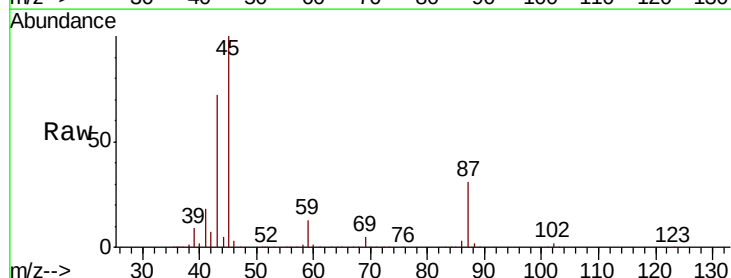
Ion Ratio Lower Upper

45 100

43 71.6 63.3 94.9

87 31.2 25.8 38.8

59 12.6 9.6 14.4



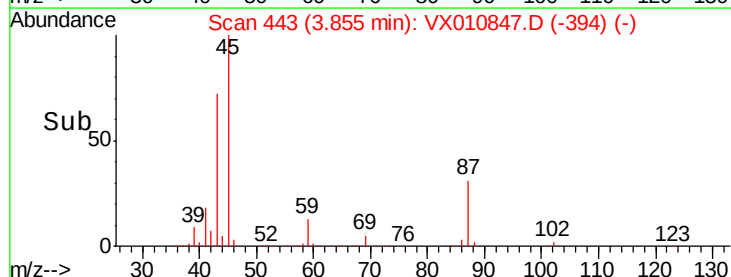
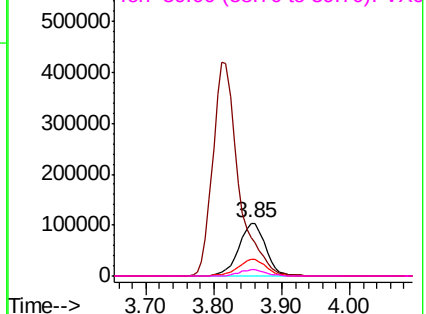
Abundance

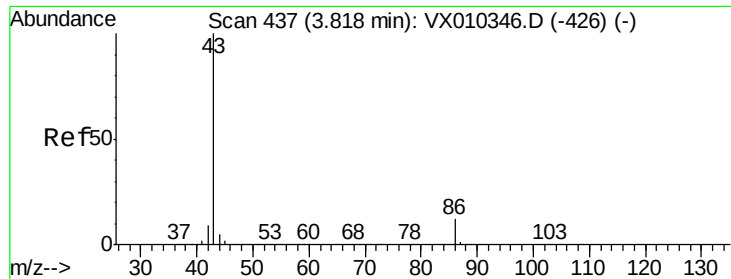
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 206.184 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX010847.D

Acq: 12 Jul 2019 19:33

Instrument :

MSVOA_X

ClientSampleId :

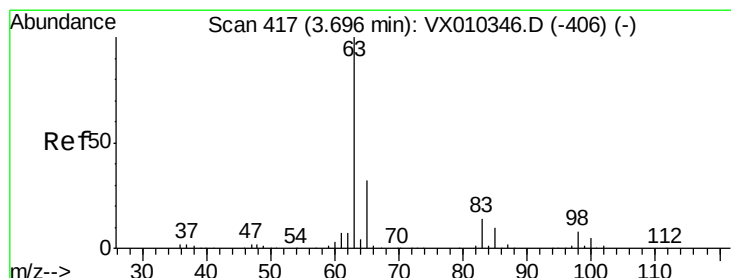
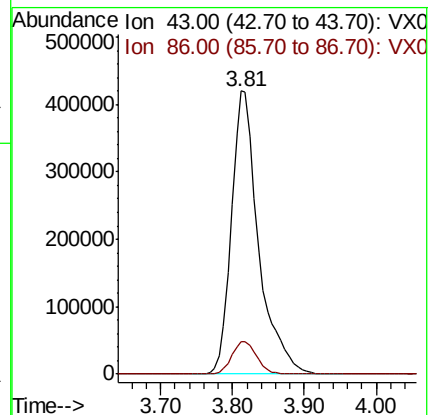
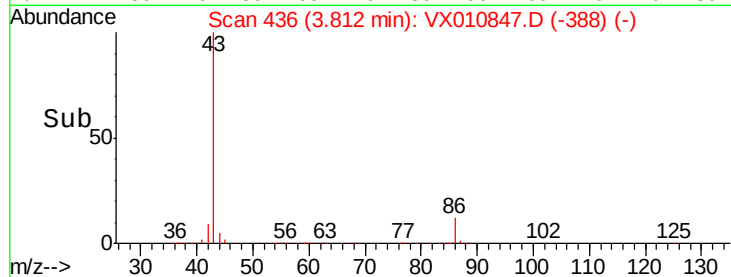
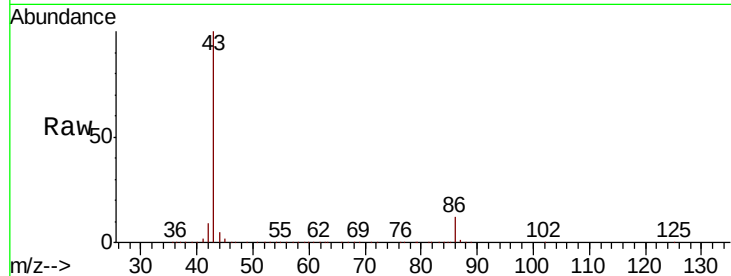
FL-0583MS

Tot Ion: 43 Resp: 1102815

Ion Ratio Lower Upper

43 100

86 11.6 9.9 14.9



#24

1,1-Dichloroethane

Concen: 45.380 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010847.D

Acq: 12 Jul 2019 19:33

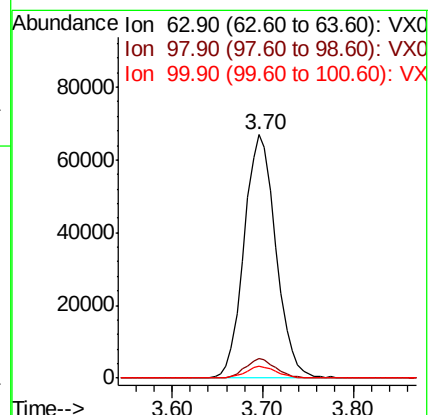
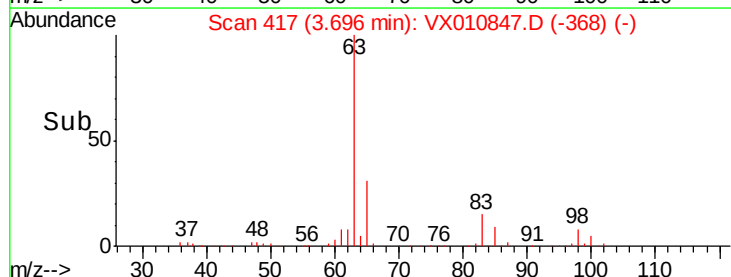
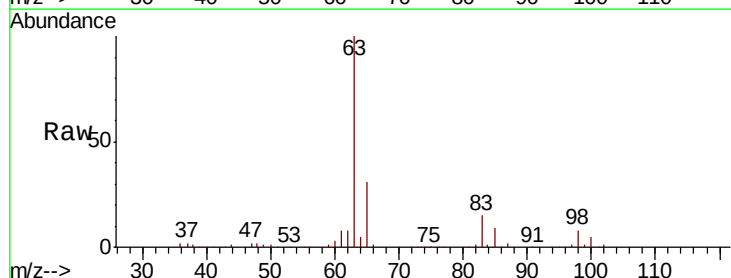
Tgt Ion: 63 Resp: 162408

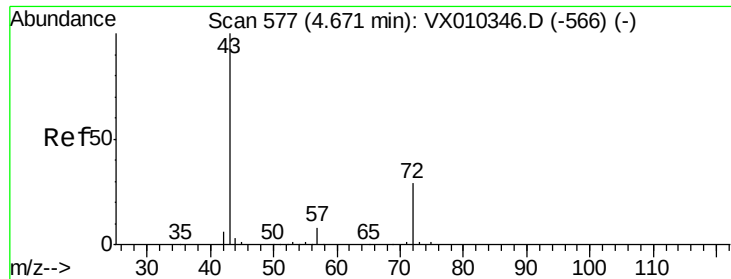
Ion Ratio Lower Upper

63 100

98 7.8 3.9 11.7

100 5.1 2.4 7.1





#25

2-Butanone

Concen: 214.368 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX010847.D

Acq: 12 Jul 2019 19:33

Instrument :

MSVOA_X

ClientSampleId :

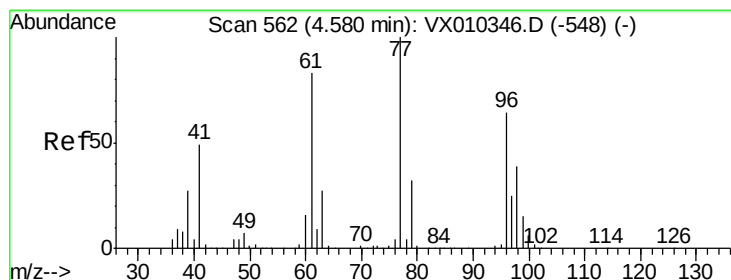
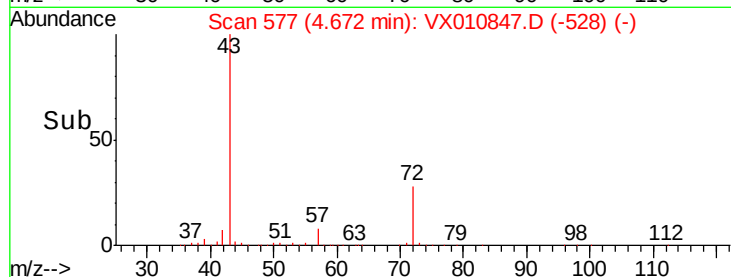
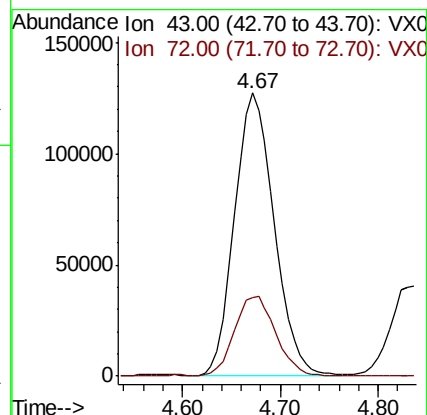
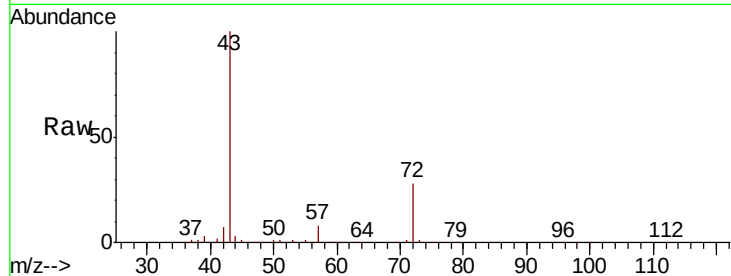
FL-0583MS

Tot Ion: 43 Resp: 355573

Ion Ratio Lower Upper

43 100

72 27.6 23.3 34.9



#26

2,2-Dichloropropane

Concen: 33.896 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX010847.D

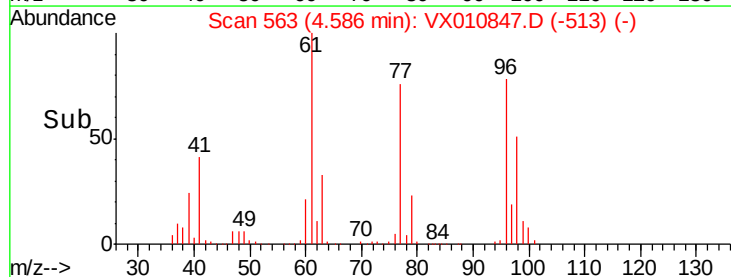
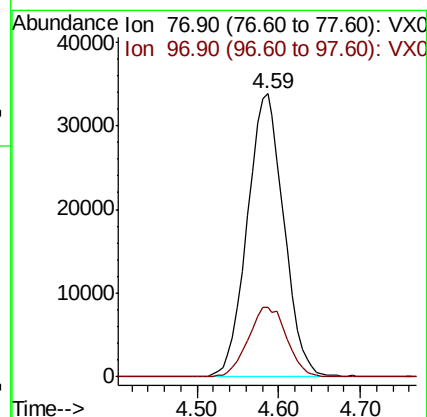
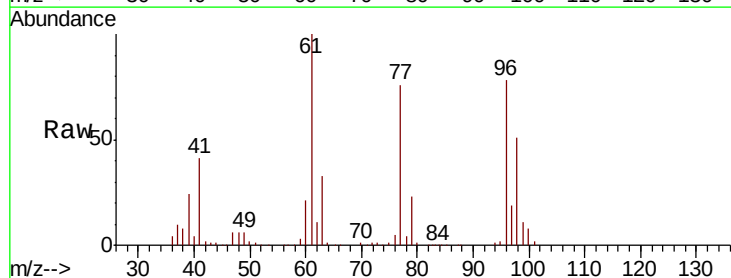
Acq: 12 Jul 2019 19:33

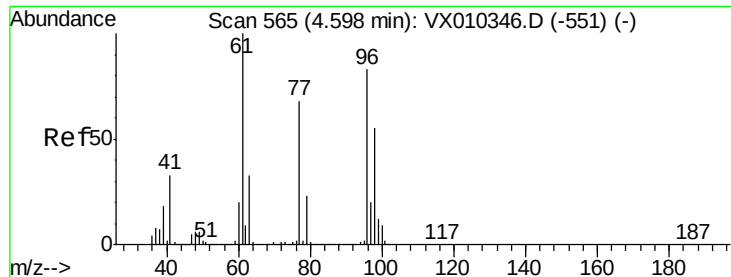
Tgt Ion: 77 Resp: 105380

Ion Ratio Lower Upper

77 100

97 26.0 13.1 39.3



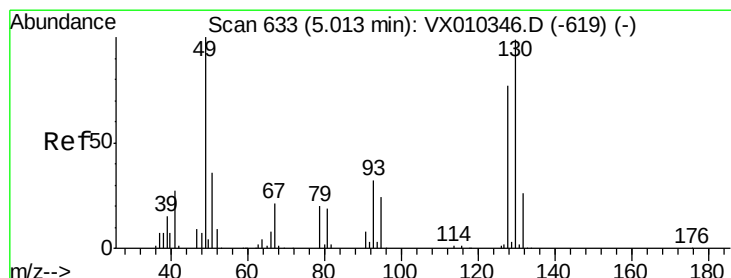
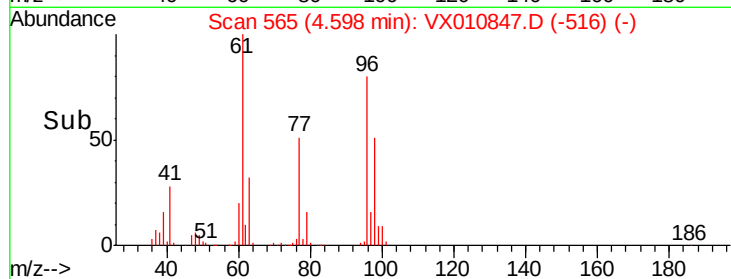
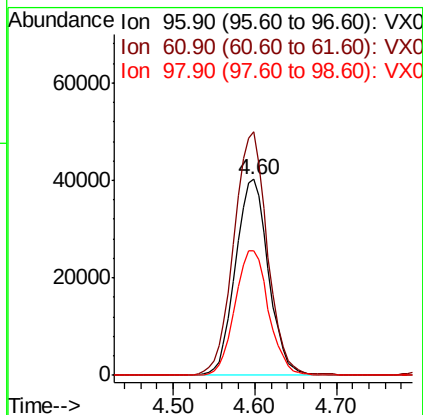
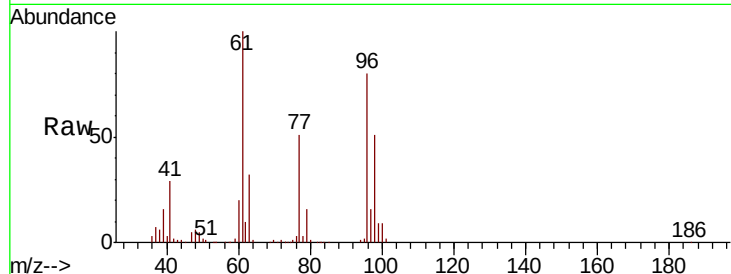


#27

cis-1,2-Dichloroethene
 Concen: 43.458 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX010847.D
 Acq: 12 Jul 2019 19:33

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0583MS

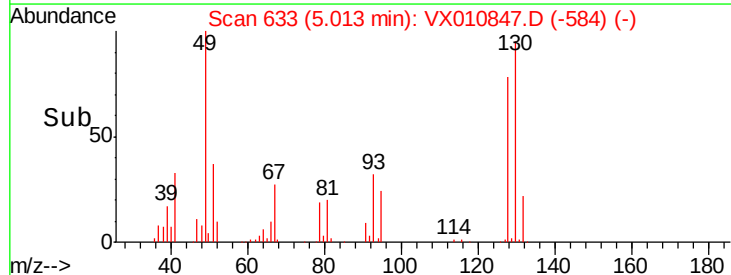
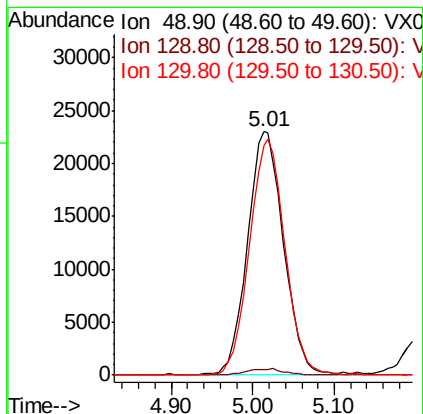
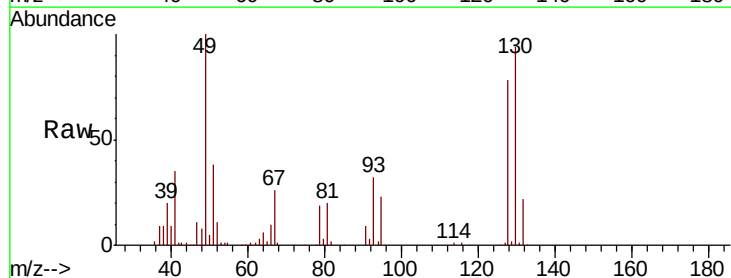
Tot Ion	Ratio	Lower	Upper
96	100		
61	126.9	0.0	251.8
98	65.0	0.0	129.4

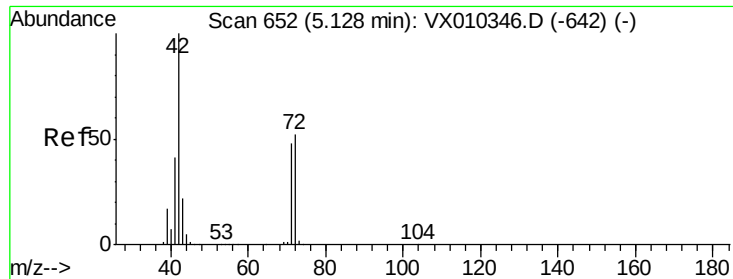


#28

Bromochloromethane
 Concen: 41.433 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: VX010847.D
 Acq: 12 Jul 2019 19:33

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.6
130	94.8	81.4	122.0

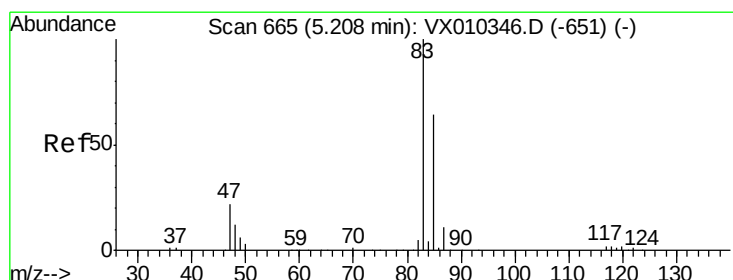
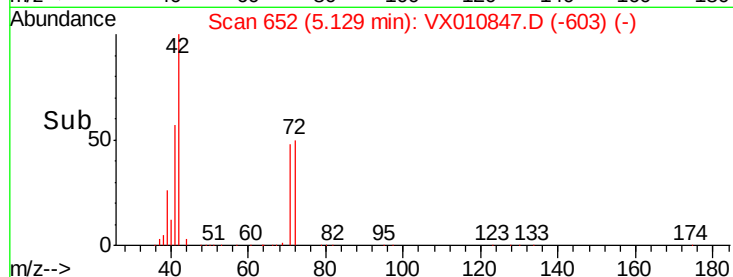
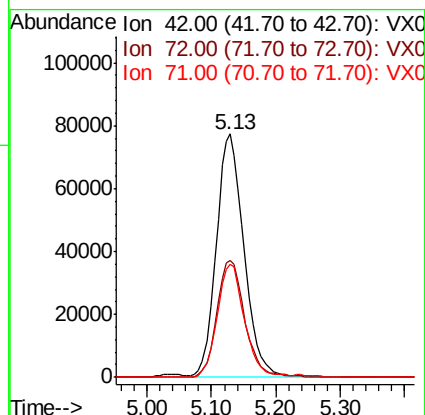
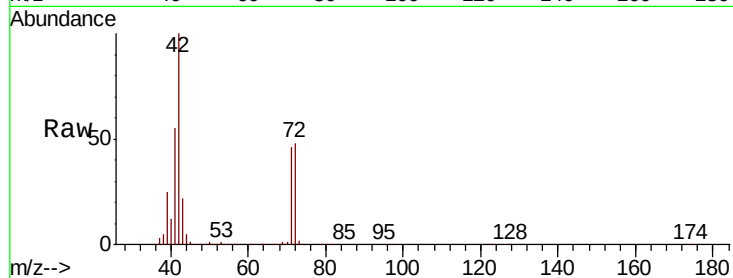




#29
Tetrahydrofuran
Concen: 226.458 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX010847.D
Acq: 12 Jul 2019 19:33

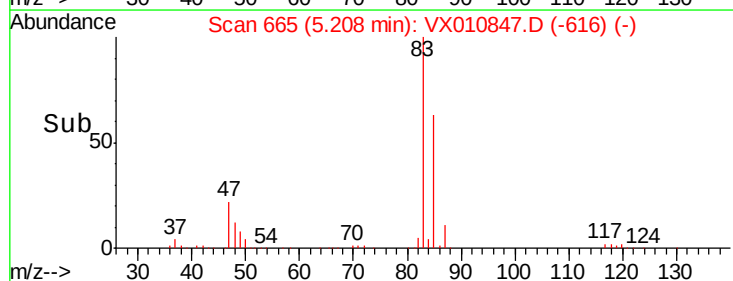
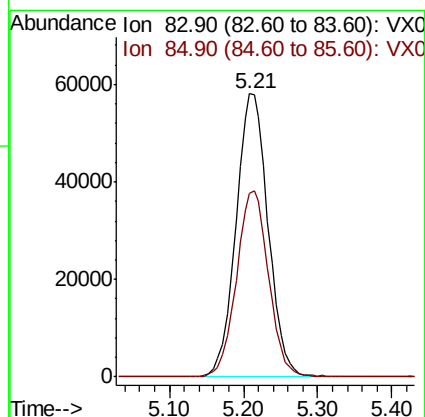
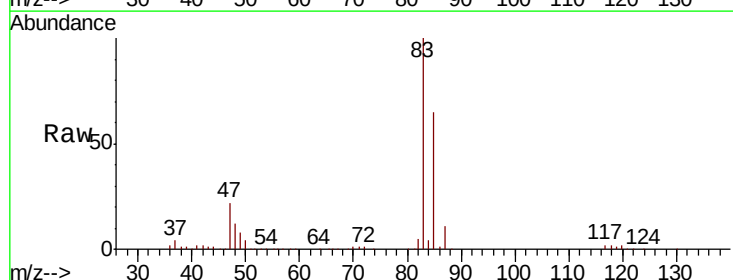
Instrument :
MSVOA_X
ClientSampled :
FL-0583MS

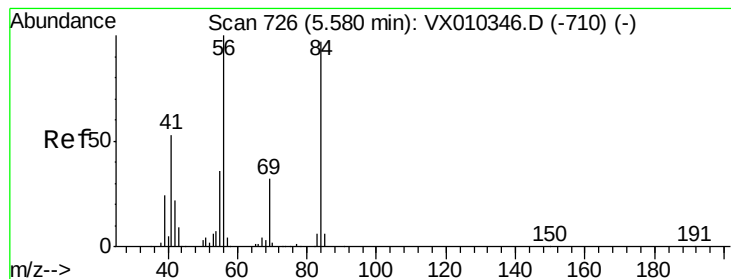
Tot Ion: 42 Resp: 232665
Ion Ratio Lower Upper
42 100
72 49.2 40.6 60.8
71 46.2 37.8 56.8



#30
Chloroform
Concen: 45.538 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.00 min
Lab File: VX010847.D
Acq: 12 Jul 2019 19:33

Tgt Ion: 83 Resp: 175351
Ion Ratio Lower Upper
83 100
85 64.8 50.9 76.3





#31

Cyclohexane

Concen: 45.172 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX010847.D

Acq: 12 Jul 2019 19:33

Instrument :

MSVOA_X

ClientSampleId :

FL-0583MS

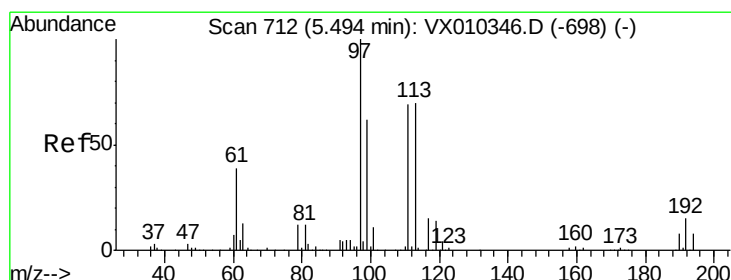
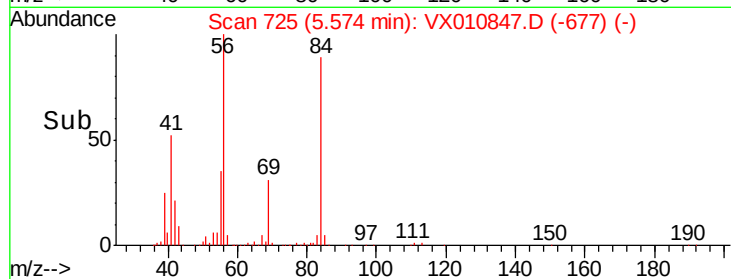
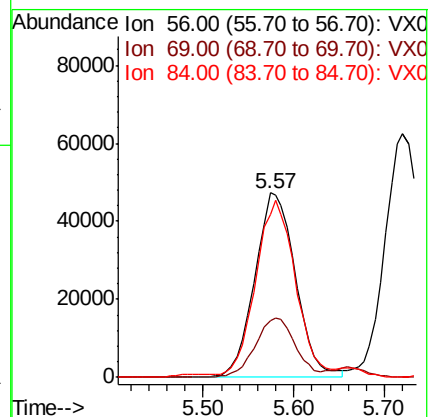
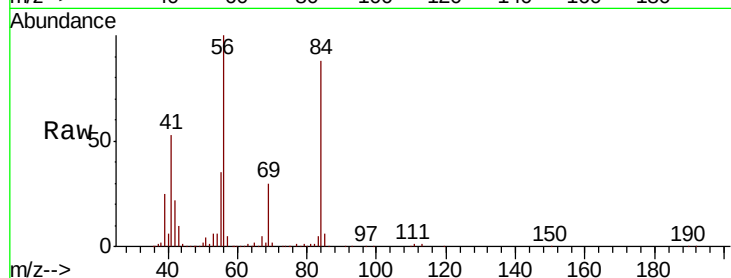
Tot Ion: 56 Resp: 147216

Ion Ratio Lower Upper

56 100

69 30.5 25.9 38.9

84 86.7 78.0 117.0



#32

1,1,1-Trichloroethane

Concen: 44.459 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX010847.D

Acq: 12 Jul 2019 19:33

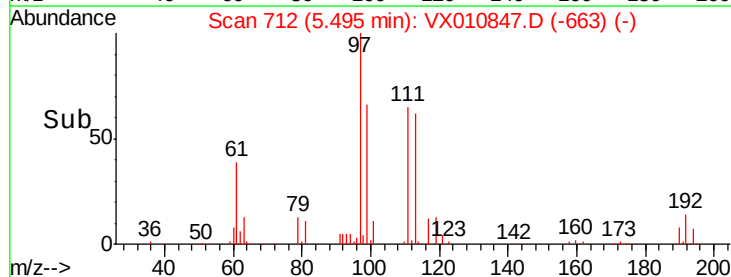
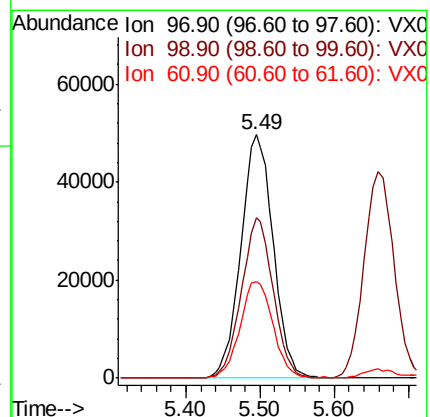
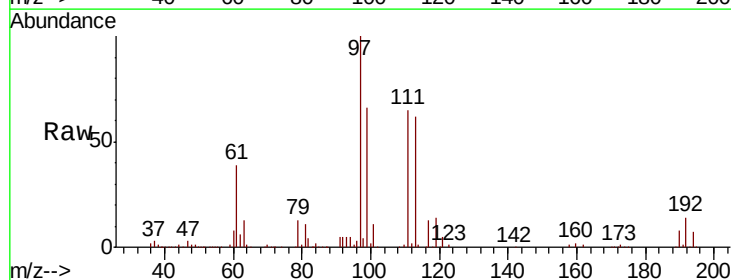
Tgt Ion: 97 Resp: 151164

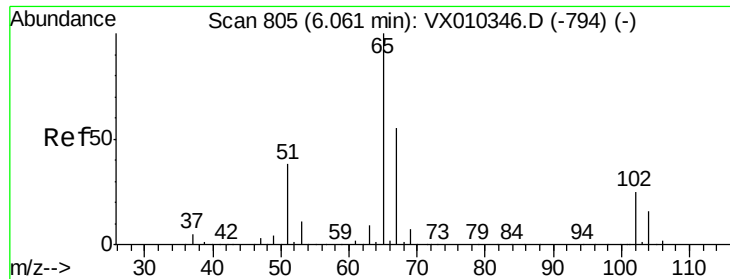
Ion Ratio Lower Upper

97 100

99 64.7 51.8 77.8

61 40.6 32.1 48.1

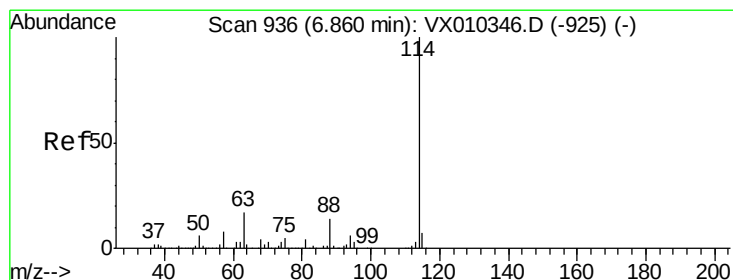
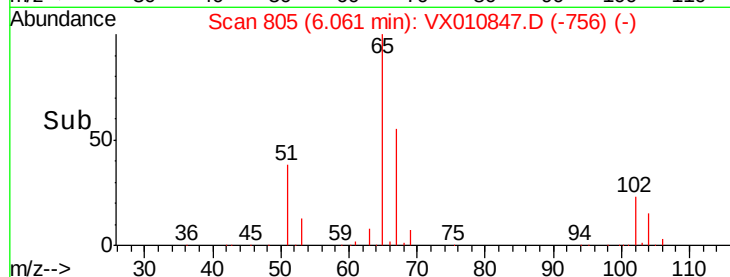
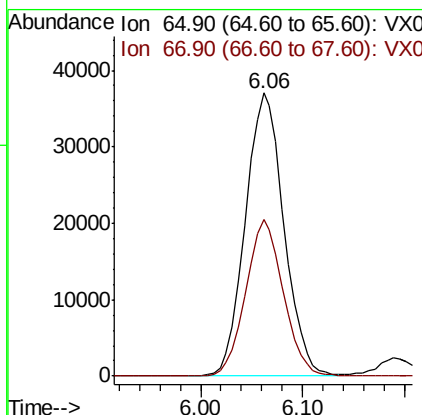
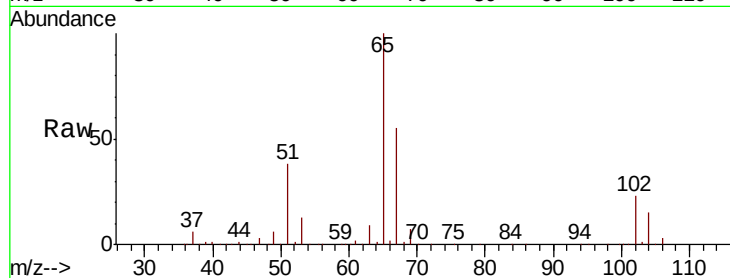




#33
 1,2-Dichloroethane-d4
 Concen: 43.150 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010847.D
 Acq: 12 Jul 2019 19:33

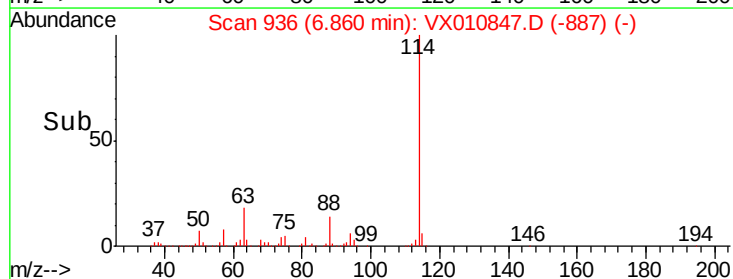
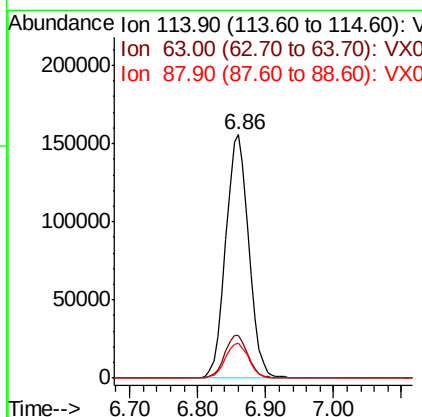
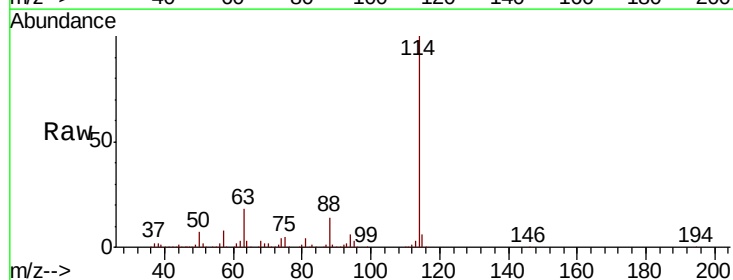
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0583MS

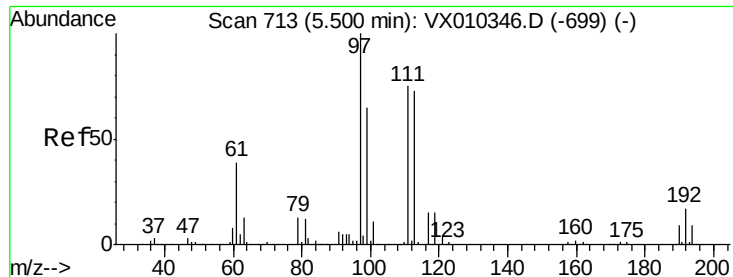
Tot Ion: 65 Resp: 97357
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010847.D
 Acq: 12 Jul 2019 19:33

Tgt Ion: 114 Resp: 365507
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 33.8
 88 14.4 0.0 27.6

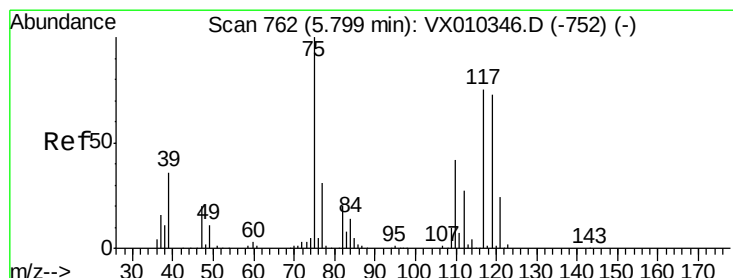
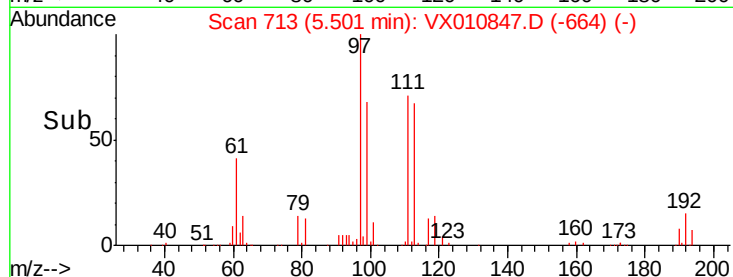
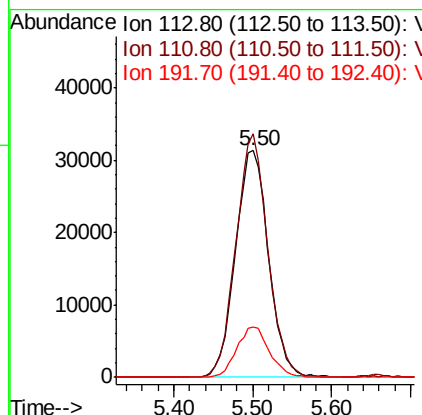
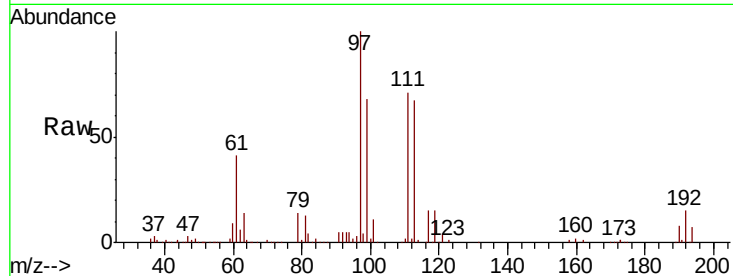




#35
 Dibromofluoromethane
 Concen: 40.953 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010847.D
 Acq: 12 Jul 2019 19:33

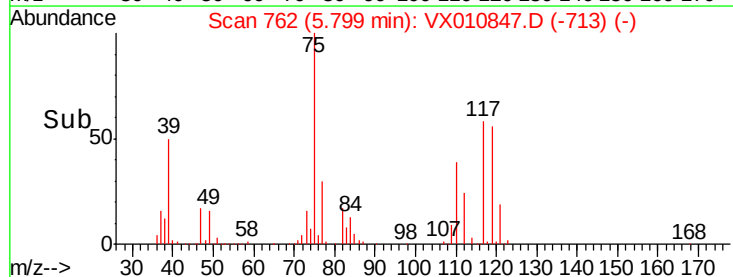
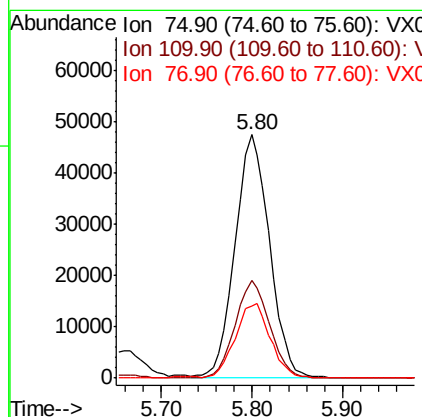
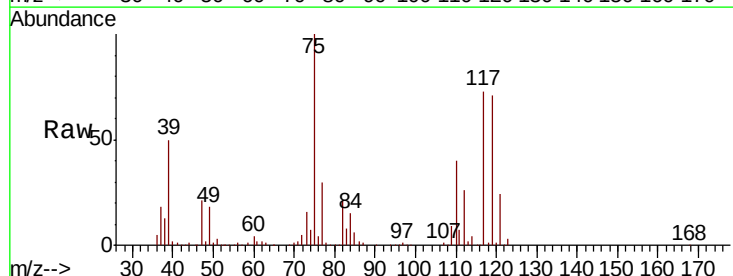
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0583MS

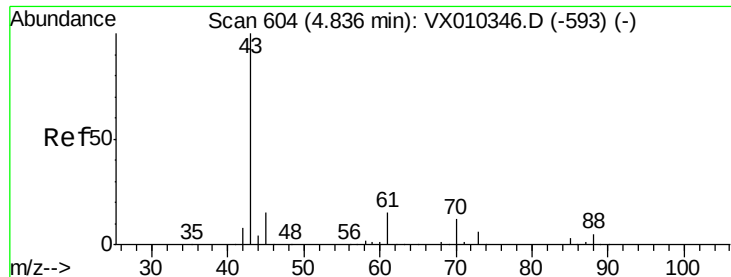
Tot Ion:113 Resp: 91584
 Ion Ratio Lower Upper
 113 100
 111 103.1 81.2 121.8
 192 22.1 18.6 27.8



#36
 1,1-Dichloropropene
 Concen: 42.977 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX010847.D
 Acq: 12 Jul 2019 19:33

Tgt Ion: 75 Resp: 124829
 Ion Ratio Lower Upper
 75 100
 110 40.3 20.8 62.2
 77 31.5 25.4 38.0





#37

Ethyl Acetate

Concen: 40.758 ug/l

RT: 4.84 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX010847.D

Acq: 12 Jul 2019 19:33

Instrument :

MSVOA_X

ClientSampled :

FL-0583MS

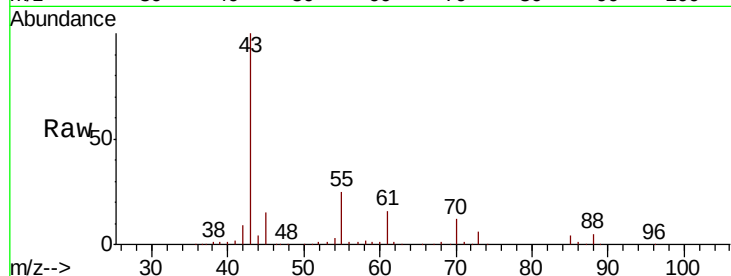
Tot Ion: 43 Resp: 121787

Ion Ratio Lower Upper

43 100

61 15.7 12.4 18.6

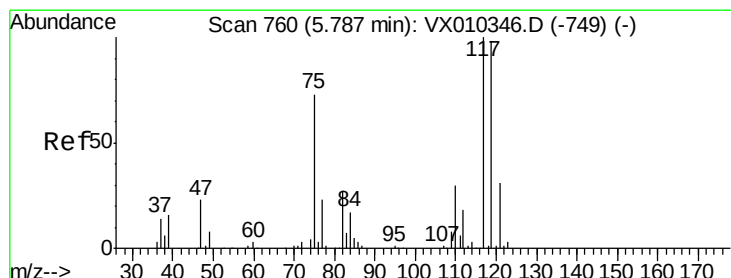
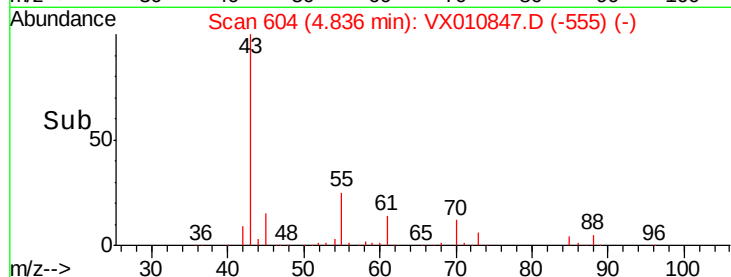
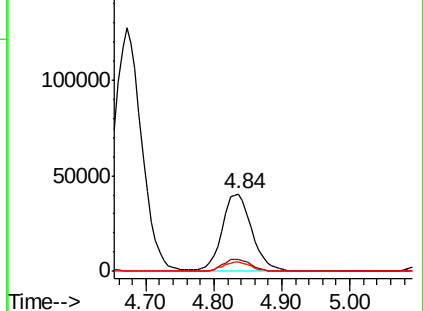
70 11.6 9.8 14.8



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: 42.017 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX010847.D

Acq: 12 Jul 2019 19:33

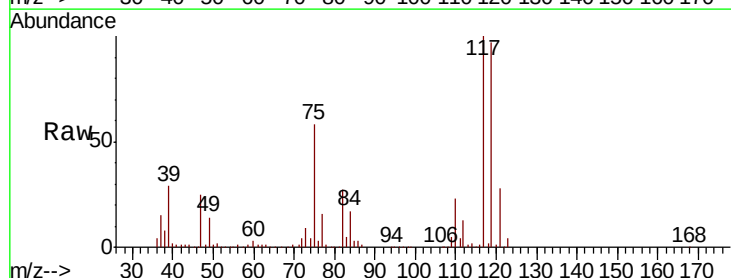
Tgt Ion: 117 Resp: 132152

Ion Ratio Lower Upper

117 100

119 97.2 78.2 117.4

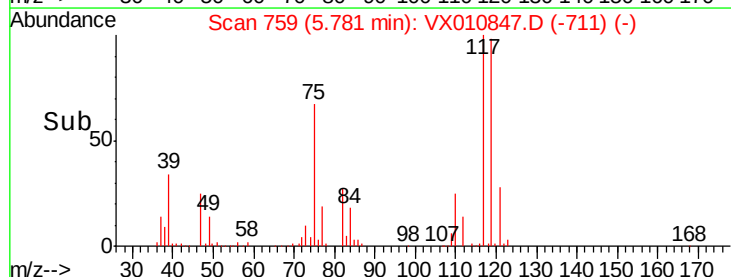
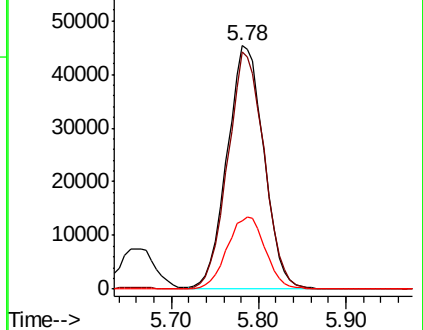
121 27.9 24.7 37.1

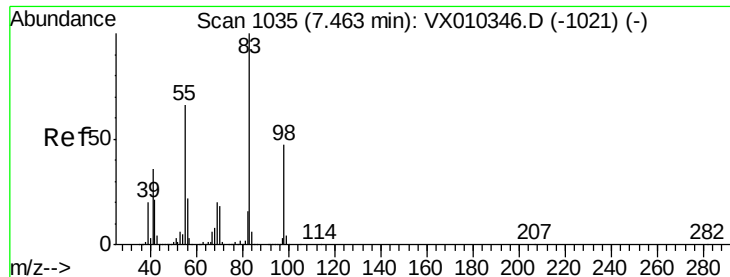


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

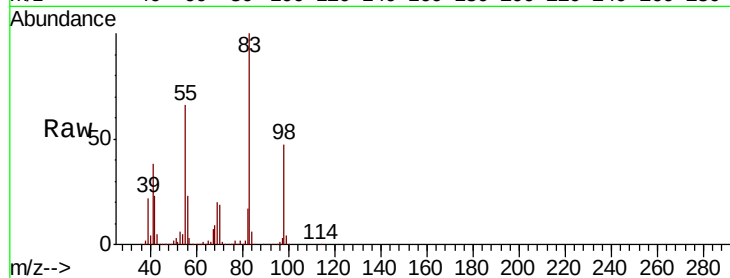




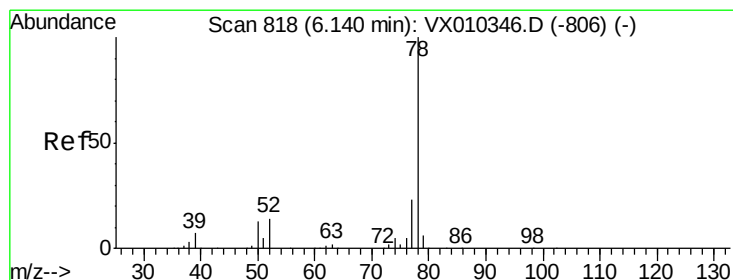
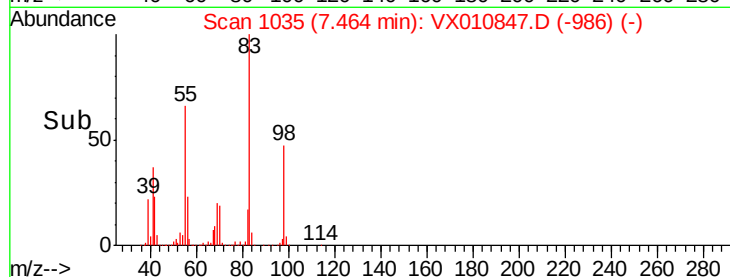
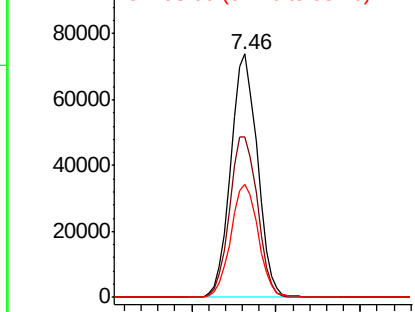
#39
Methylvlcyclohexane
Concen: 41.504 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010847.D
Acq: 12 Jul 2019 19:33

Instrument :
MSVOA_X
ClientSampleId :
FL-0583MS

Tot Ion: 83 Resp: 158457
Ion Ratio Lower Upper
83 100
55 65.9 53.0 79.6
98 46.6 37.8 56.8

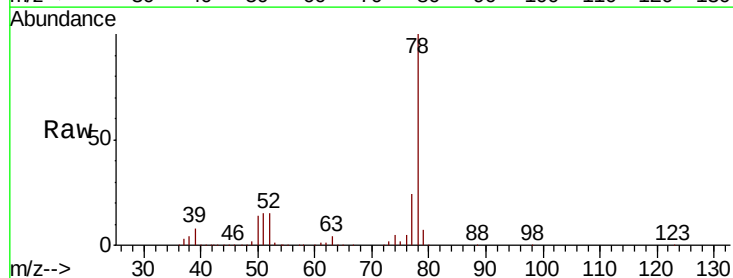


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

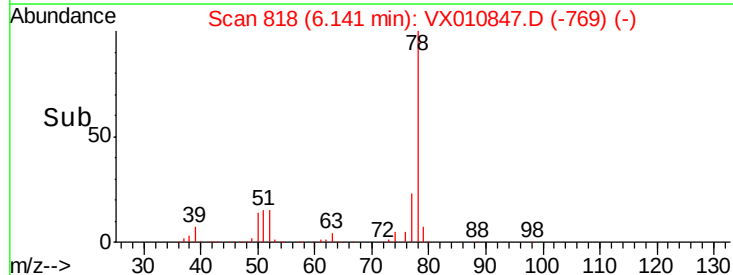
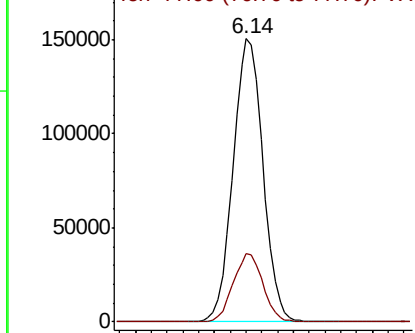


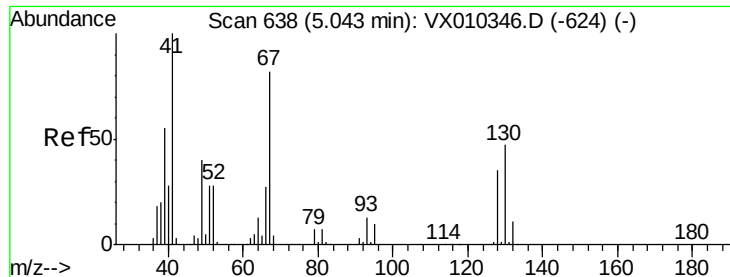
#40
Benzene
Concen: 43.854 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010847.D
Acq: 12 Jul 2019 19:33

Tgt Ion: 78 Resp: 396829
Ion Ratio Lower Upper
78 100
77 24.2 18.6 28.0



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

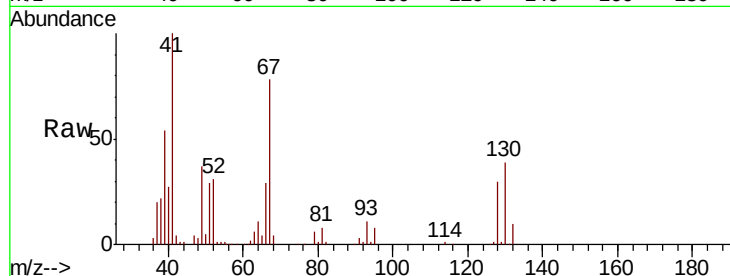




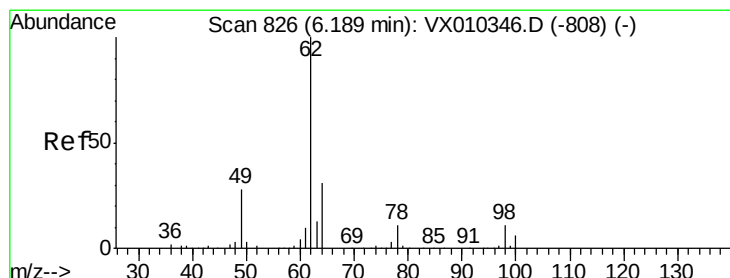
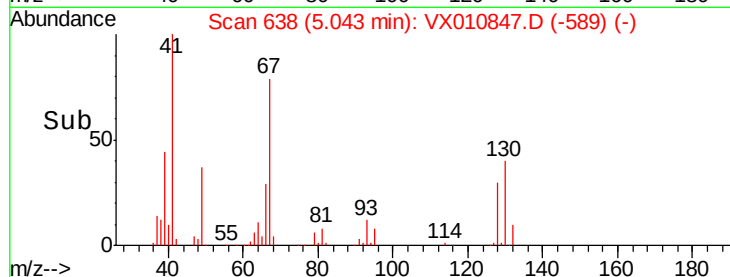
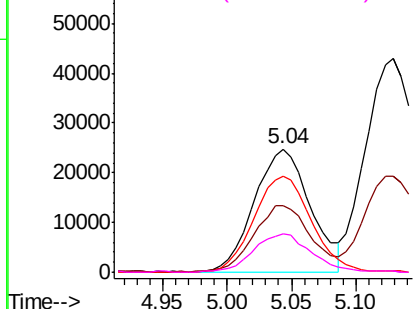
#41
Methacrylonitrile
Concen: 45.522 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX010847.D
Acq: 12 Jul 2019 19:33

Instrument :
MSVOA_X
ClientSampled :
FL-0583MS

Tot Ion: 41 Resp: 74633
Ion Ratio Lower Upper
41 100
39 54.7 43.8 65.8
67 80.6 66.6 100.0
52 31.0 24.5 36.7

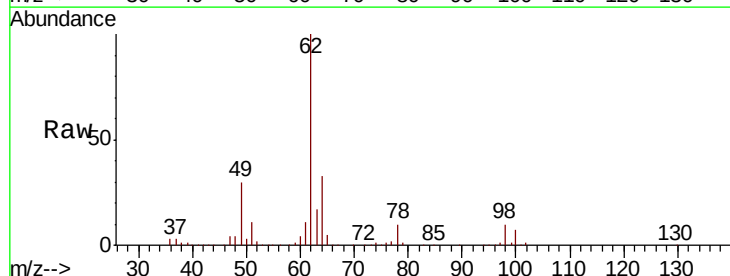


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

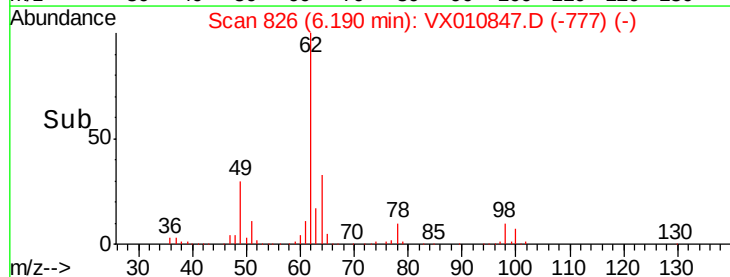
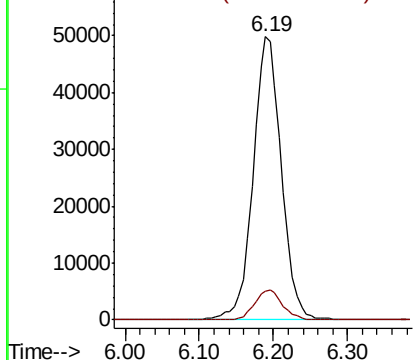


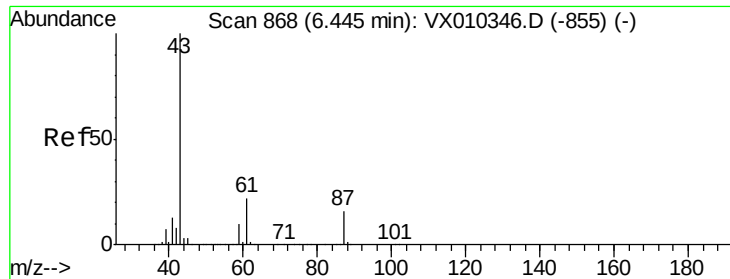
#42
1,2-Dichloroethane
Concen: 47.953 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.00 min
Lab File: VX010847.D
Acq: 12 Jul 2019 19:33

Tgt Ion: 62 Resp: 132086
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



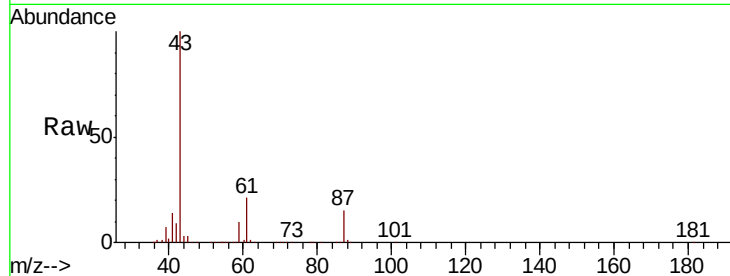


#43

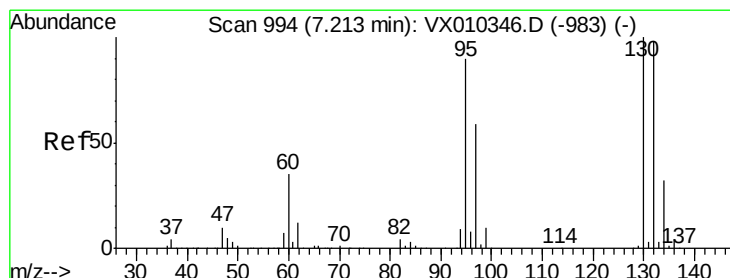
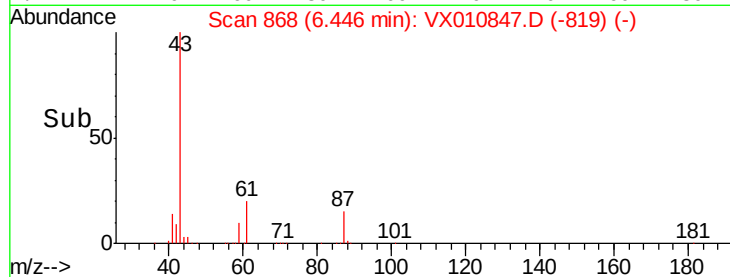
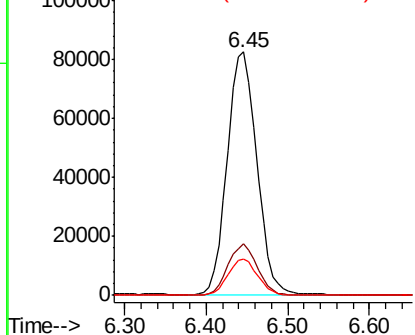
Isopropyl Acetate
 Concen: 41.726 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. 0.00 min
 Lab File: VX010847.D
 Acq: 12 Jul 2019 19:33

Instrument :
 MSVOA_X
 ClientSampled :
 FL-0583MS

Tot Ion: 43 Resp: 206279
 Ion Ratio Lower Upper
 43 100
 61 21.1 17.8 26.6
 87 15.1 13.0 19.4



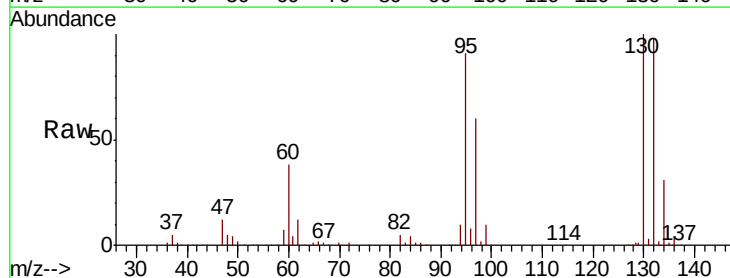
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



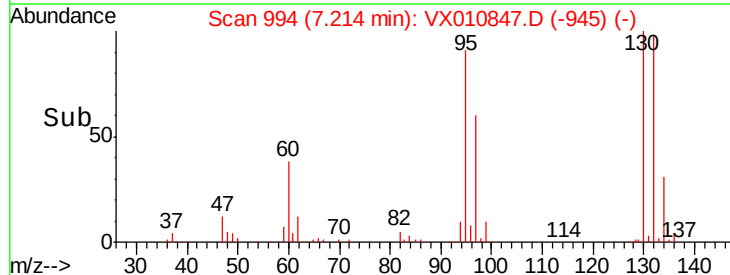
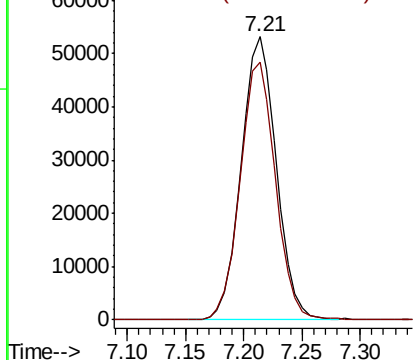
#44

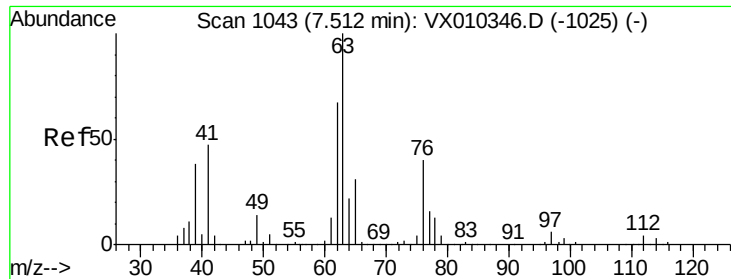
Trichloroethene
 Concen: 41.381 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX010847.D
 Acq: 12 Jul 2019 19:33

Tgt Ion: 130 Resp: 112048
 Ion Ratio Lower Upper
 130 100
 95 91.2 0.0 180.8



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

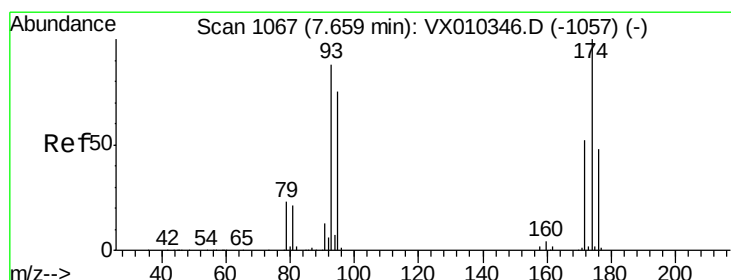
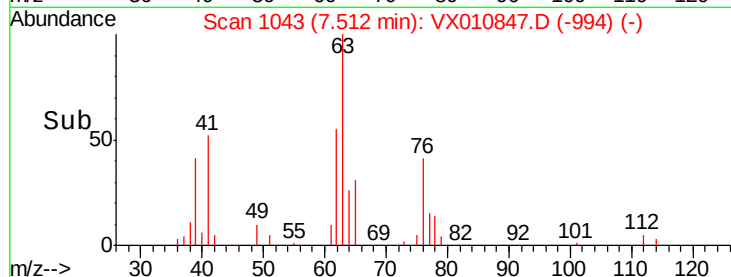
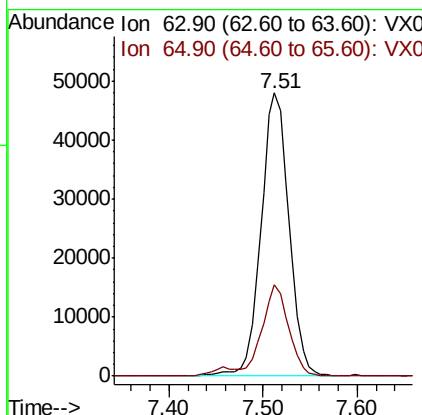
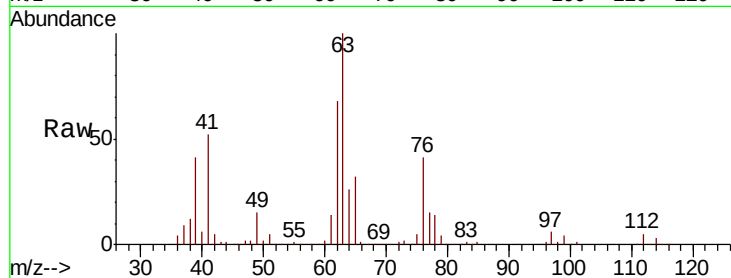




#45
 1,2-Dichloropropane
 Concen: 43.847 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX010847.D
 Acq: 12 Jul 2019 19:33

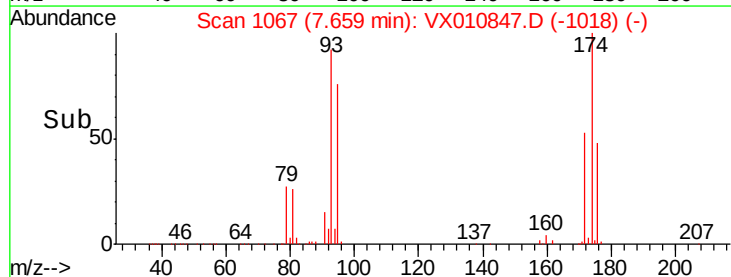
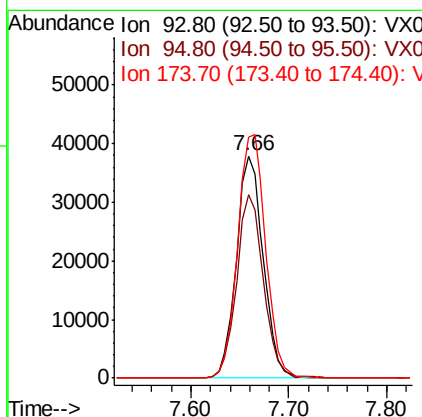
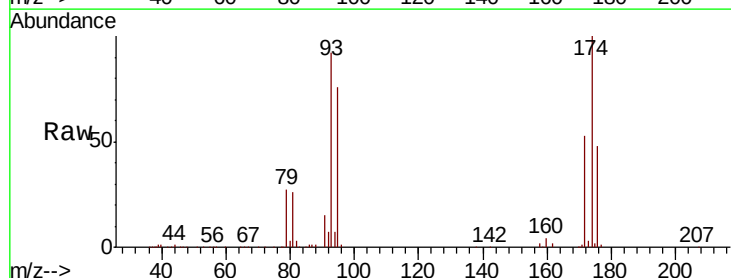
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0583MS

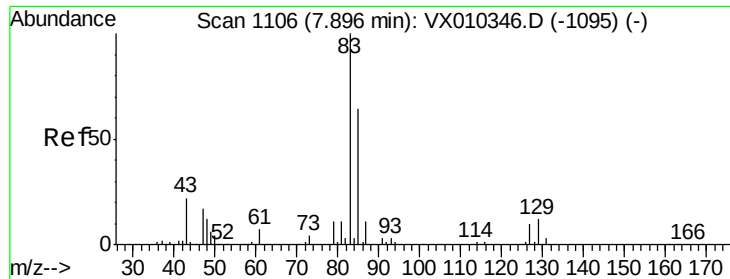
Tot Ion: 63 Resp: 100195
 Ion Ratio Lower Upper
 63 100
 65 32.3 24.8 37.2



#46
 Dibromomethane
 Concen: 44.066 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX010847.D
 Acq: 12 Jul 2019 19:33

Tgt Ion: 93 Resp: 72246
 Ion Ratio Lower Upper
 93 100
 95 82.2 67.5 101.3
 174 114.7 95.8 143.6





#47

Bromodichloromethane

Concen: 43.195 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX010847.D

Acq: 12 Jul 2019 19:33

Instrument :

MSVOA_X

ClientSampleId :

FL-0583MS

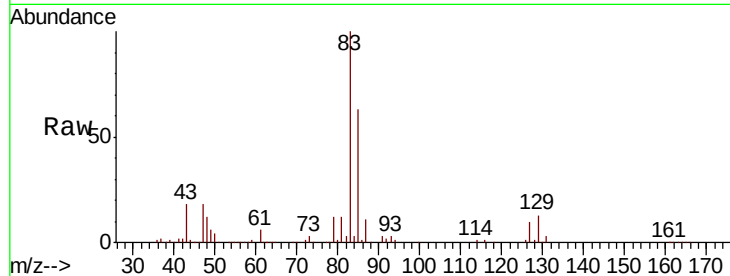
Tot Ion: 83 Resp: 129783

Ion Ratio Lower Upper

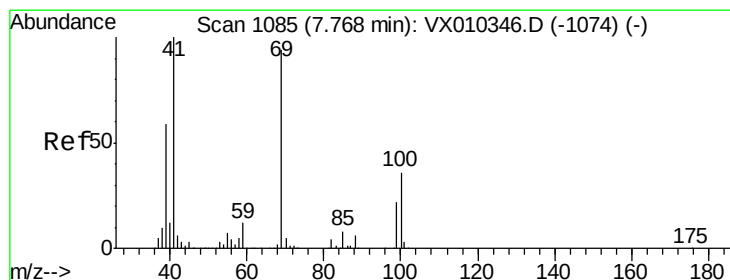
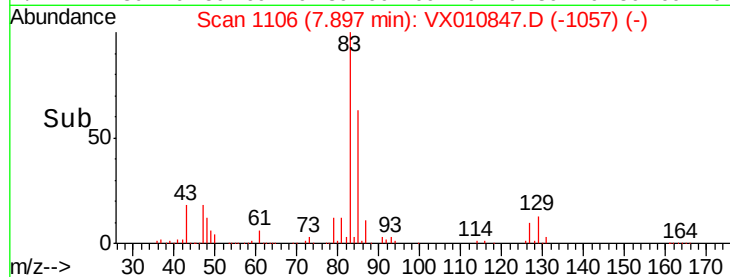
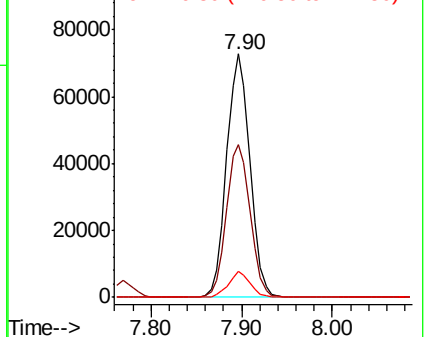
83 100

85 62.8 51.5 77.3

127 10.5 7.8 11.8



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 46.284 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX010847.D

Acq: 12 Jul 2019 19:33

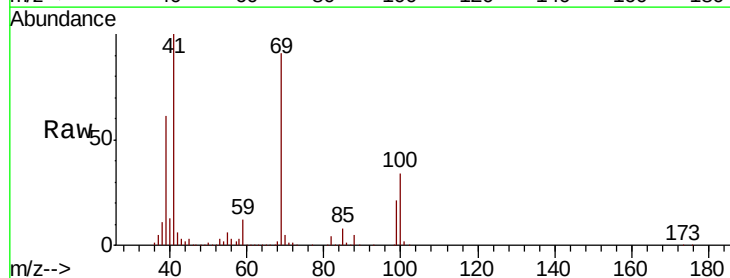
Tgt Ion: 41 Resp: 106355

Ion Ratio Lower Upper

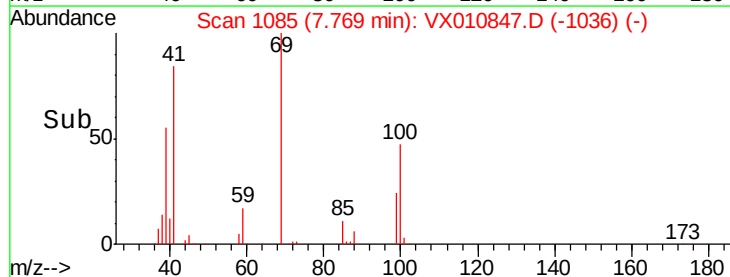
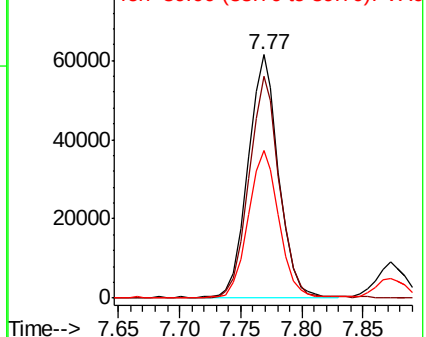
41 100

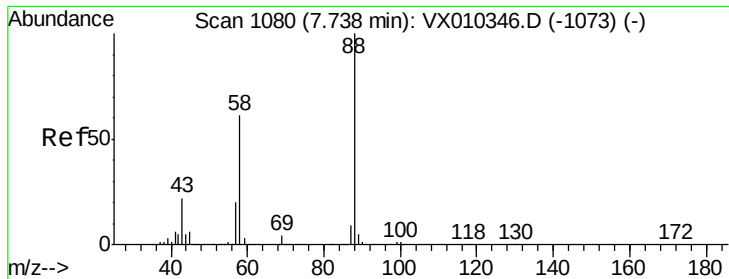
69 91.4 76.1 114.1

39 60.8 47.6 71.4



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





#49

1,4-Dioxane

Concen: 759.377 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. 0.00 min

Lab File: VX010847.D

Acq: 12 Jul 2019 19:33

Instrument :

MSVOA_X

ClientSampled :

FL-0583MS

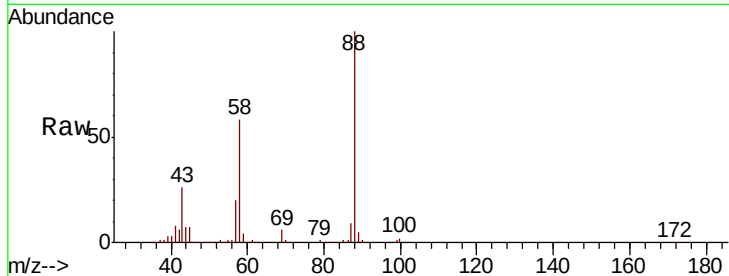
Tot Ion: 88 Resp: 50268

Ion Ratio Lower Upper

88 100

43 28.4 20.2 30.2

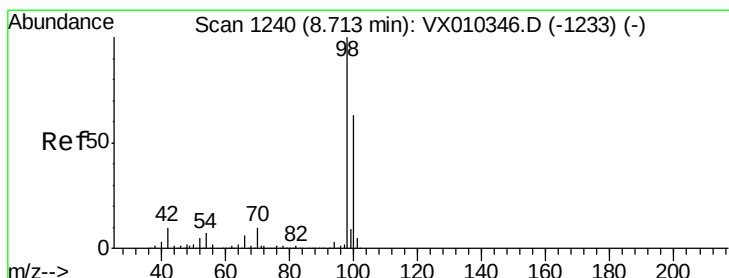
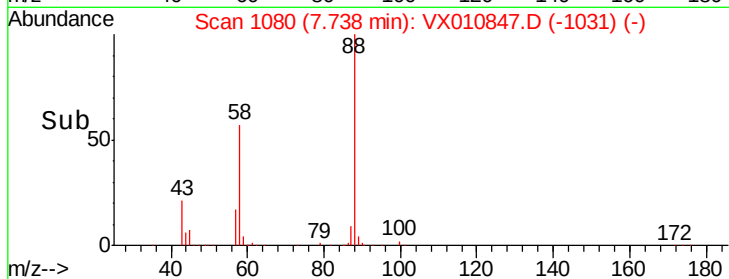
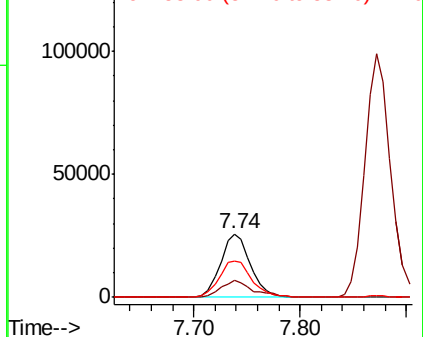
58 63.0 49.5 74.3



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 39.128 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010847.D

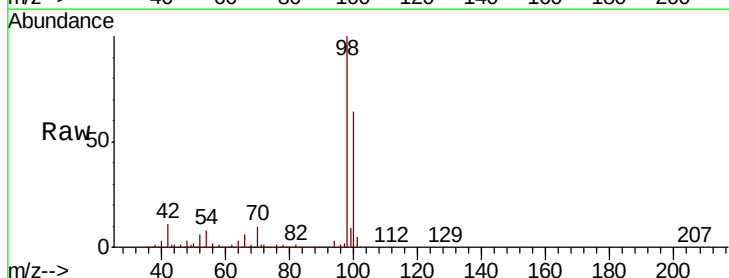
Acq: 12 Jul 2019 19:33

Tgt Ion: 98 Resp: 334770

Ion Ratio Lower Upper

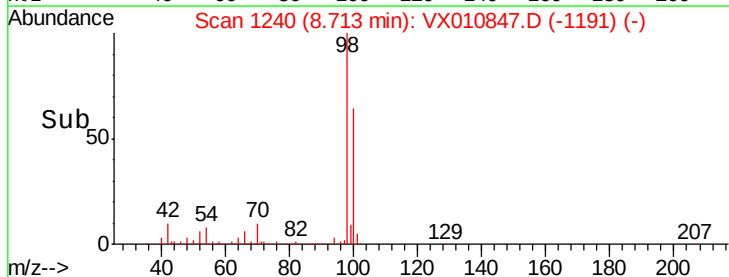
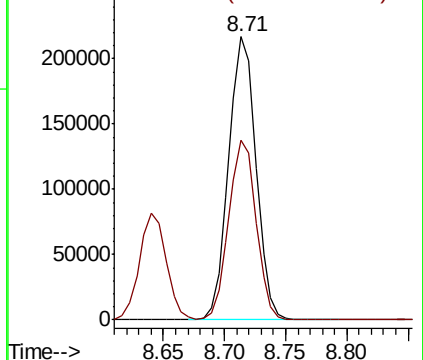
98 100

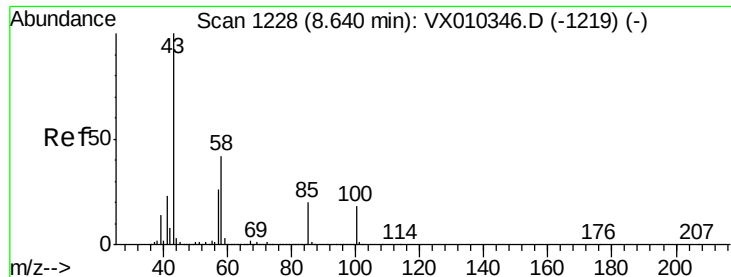
100 63.9 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 231.255 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX010847.D

Acq: 12 Jul 2019 19:33

Instrument :

MSVOA_X

ClientSampled :

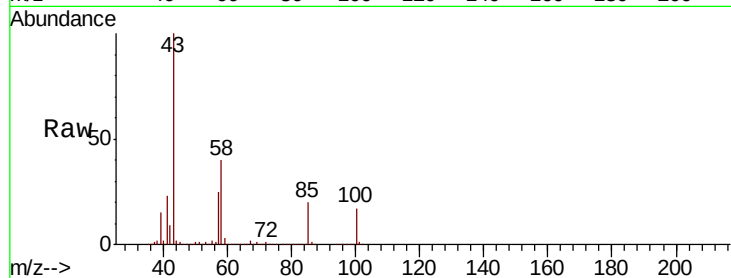
FL-0583MS

Tot Ion: 43 Resp: 731180

Ion Ratio Lower Upper

43 100

58 40.4 33.5 50.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

500000

400000

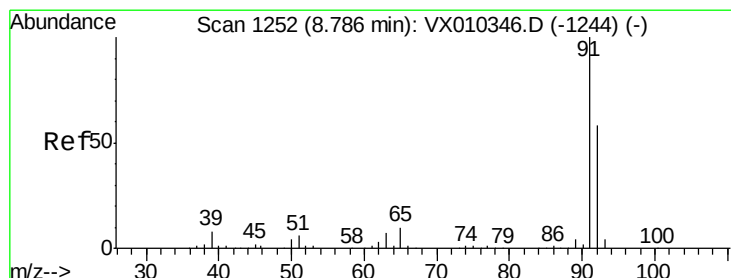
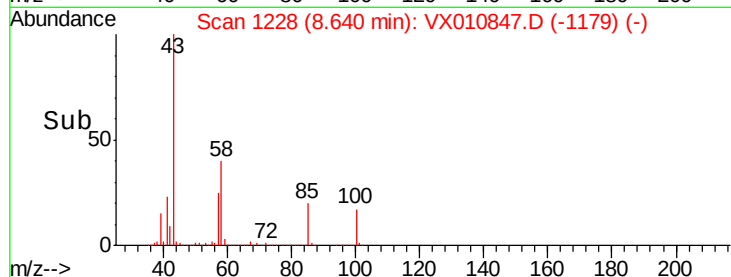
300000

200000

100000

0

Time--> 8.55 8.60 8.65 8.70



#52

Toluene

Concen: 43.106 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX010847.D

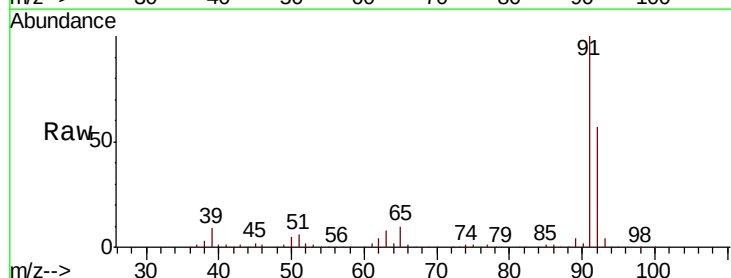
Acq: 12 Jul 2019 19:33

Tgt Ion: 92 Resp: 256874

Ion Ratio Lower Upper

92 100

91 176.2 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.78

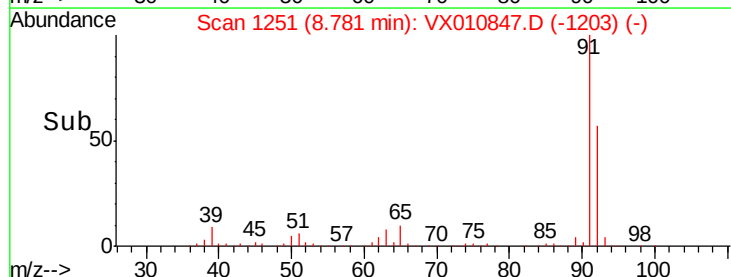
300000

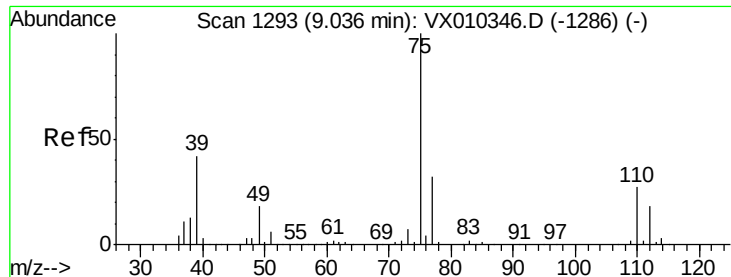
200000

100000

0

Time--> 8.70 8.75 8.80 8.85 8.90

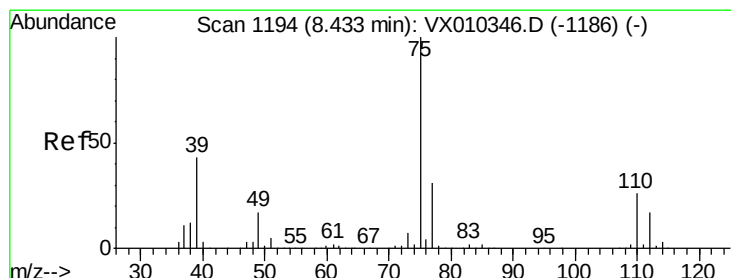
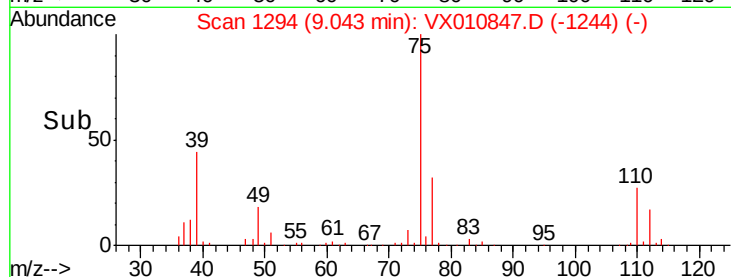
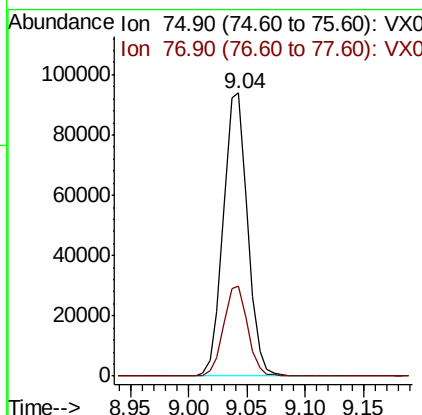
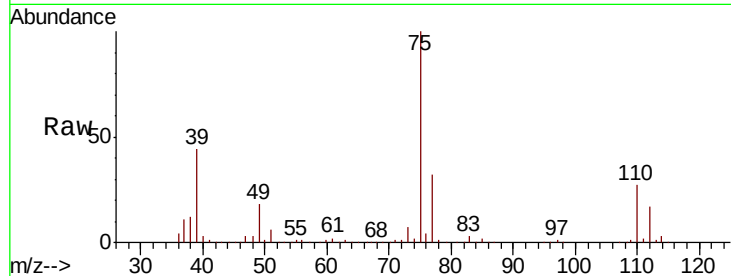




#53
 t-1,3-Dichloropropene
 Concen: 40.230 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.01 min
 Lab File: VX010847.D
 Acq: 12 Jul 2019 19:33

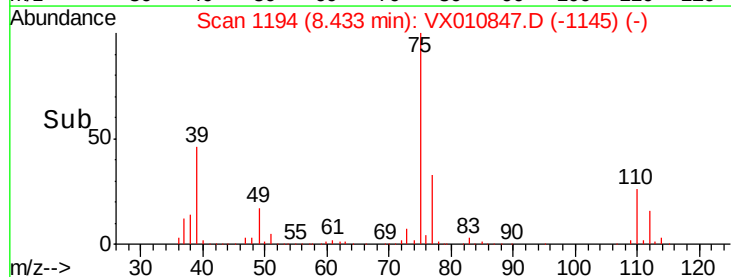
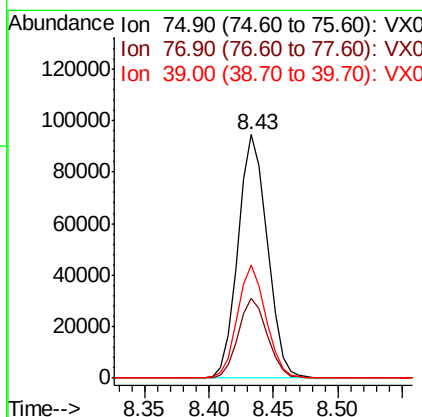
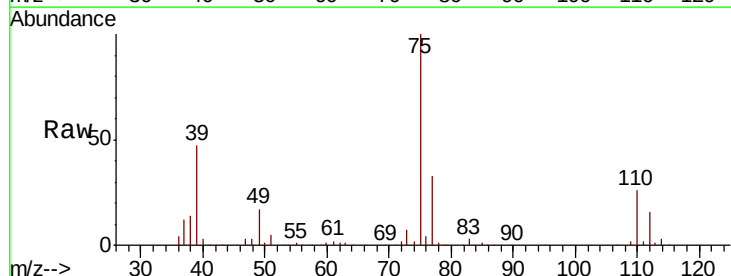
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0583MS

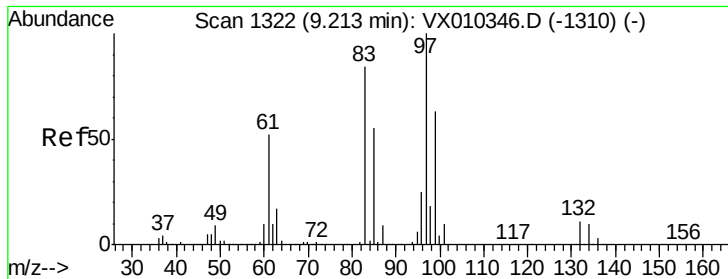
Tot Ion: 75 Resp: 135517
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 40.754 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX010847.D
 Acq: 12 Jul 2019 19:33

Tgt Ion: 75 Resp: 149189
 Ion Ratio Lower Upper
 75 100
 77 32.6 25.2 37.8
 39 46.5 34.5 51.7





#55

1,1,2-Trichloroethane

Concen: 45.172 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX010847.D

Acq: 12 Jul 2019 19:33

Instrument :

MSVOA_X

ClientSampleId :

FL-0583MS

Tot Ion: 97 Resp: 111017

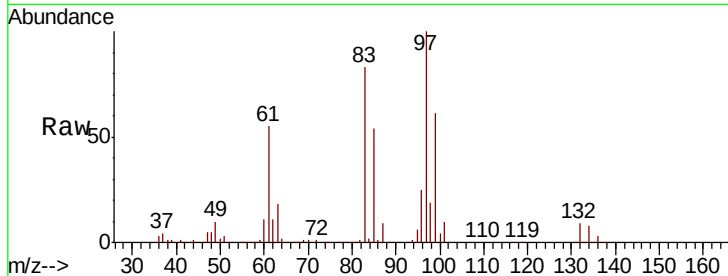
Ion Ratio Lower Upper

97 100

83 82.4 67.4 101.0

85 54.3 43.8 65.8

99 61.0 50.3 75.5



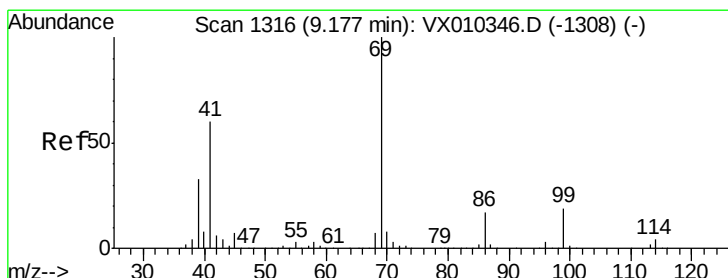
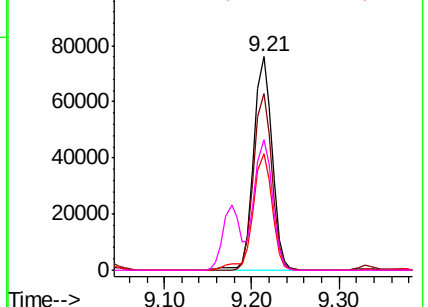
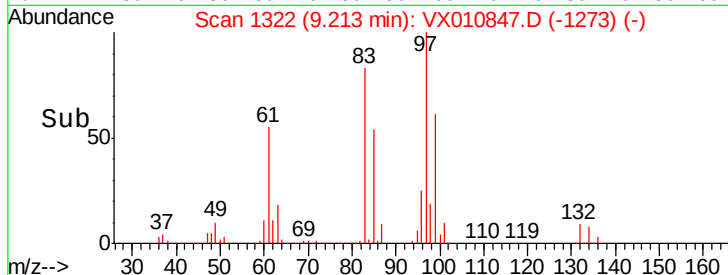
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 44.286 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX010847.D

Acq: 12 Jul 2019 19:33

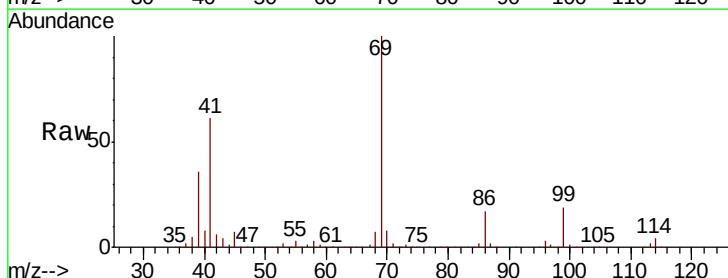
Tgt Ion: 69 Resp: 164878

Ion Ratio Lower Upper

69 100

41 62.2 47.1 70.7

39 36.6 26.6 40.0

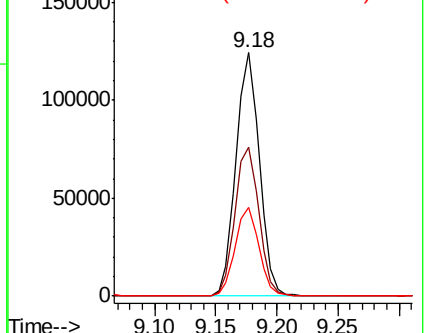
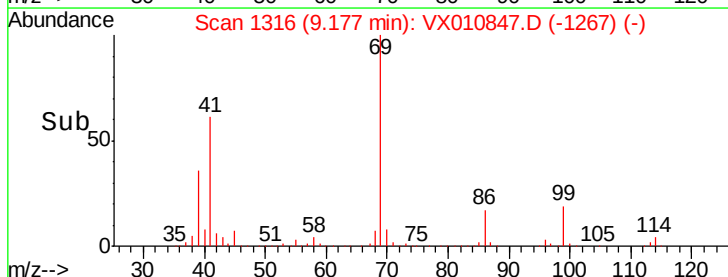


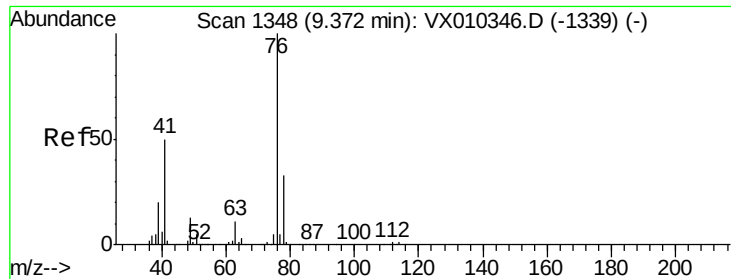
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

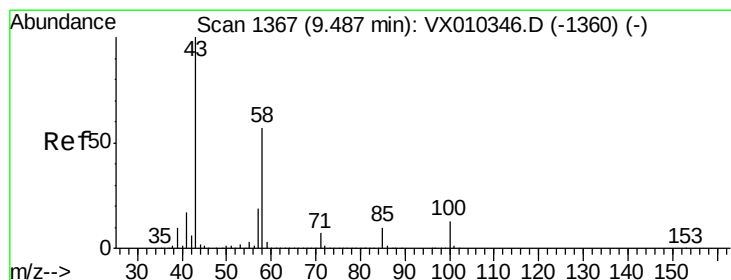
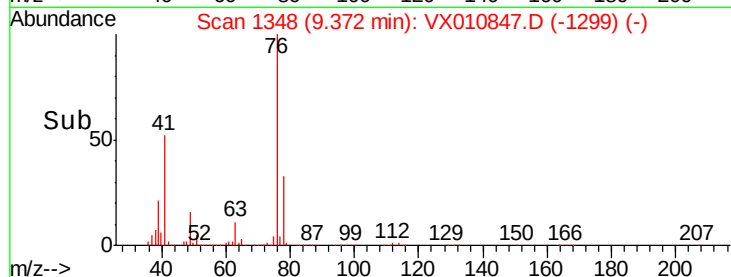
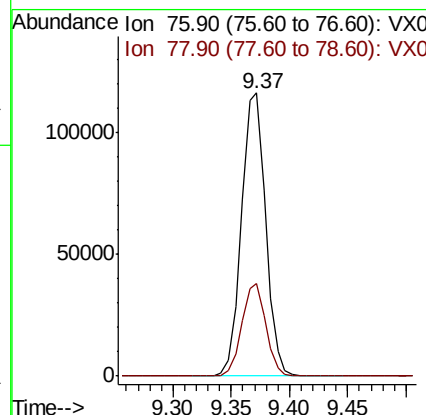
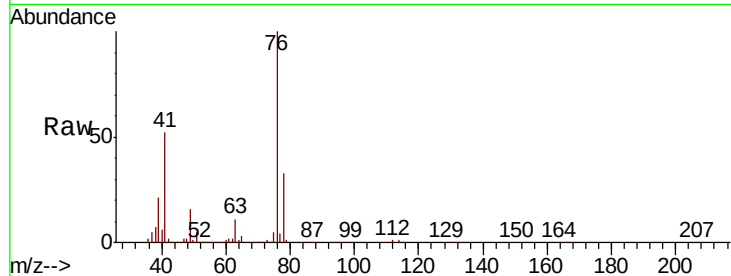




#57
 1,3-Dichloropropane
 Concen: 44.275 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX010847.D
 Acq: 12 Jul 2019 19:33

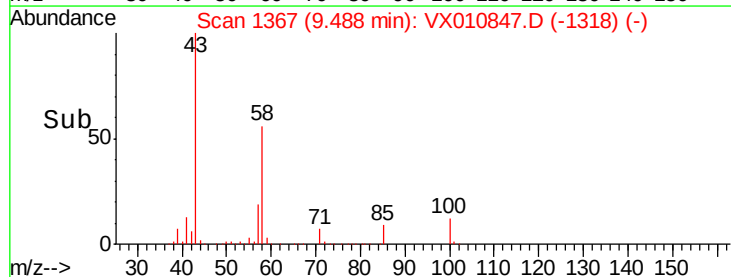
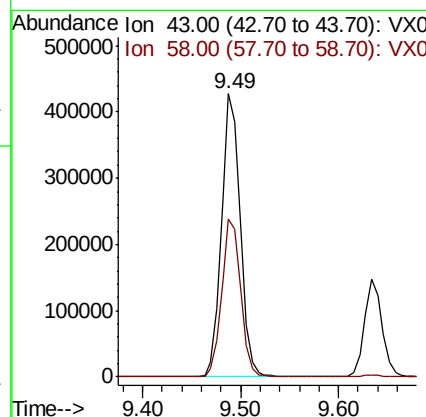
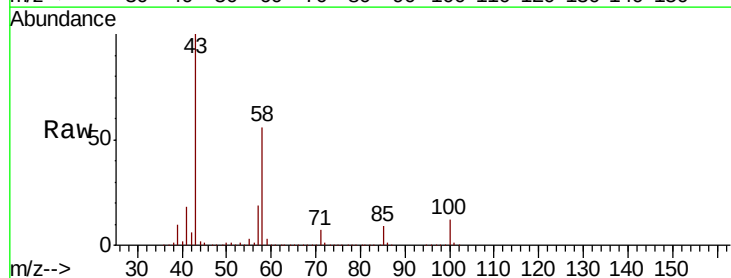
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0583MS

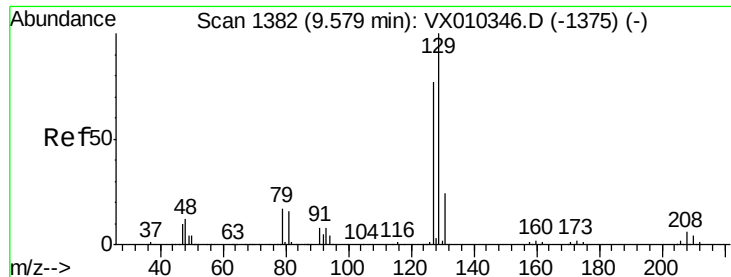
Tot Ion: 76 Resp: 168909
 Ion Ratio Lower Upper
 76 100
 78 32.4 26.1 39.1



#59
 2-Hexanone
 Concen: 227.407 ug/l
 RT: 9.49 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: VX010847.D
 Acq: 12 Jul 2019 19:33

Tgt Ion: 43 Resp: 565889
 Ion Ratio Lower Upper
 43 100
 58 56.4 29.0 87.1

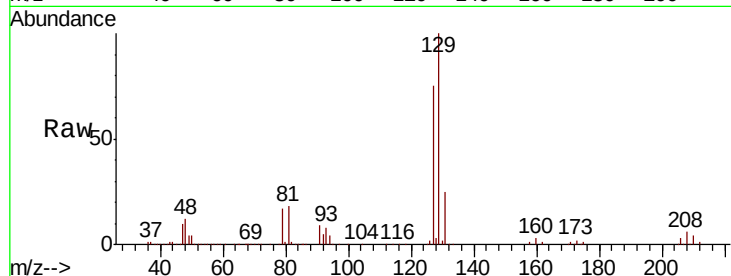




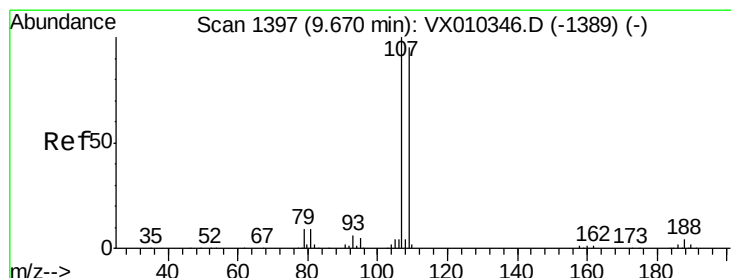
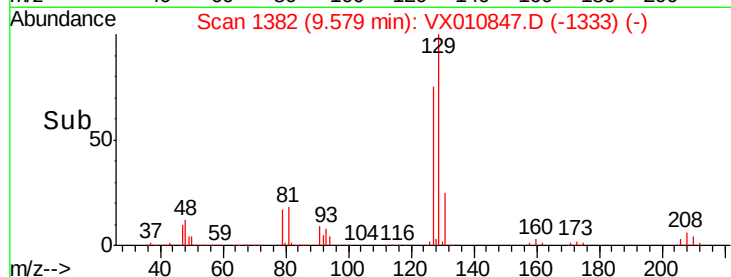
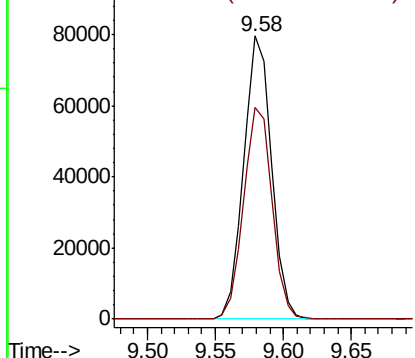
#60
 Dibromochloromethane
 Concen: 41.518 ug/l
 RT: 9.58 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: VX010847.D
 Acq: 12 Jul 2019 19:33

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0583MS

Tot Ion:129 Resp: 114246
 Ion Ratio Lower Upper
 129 100
 127 76.4 38.4 115.1

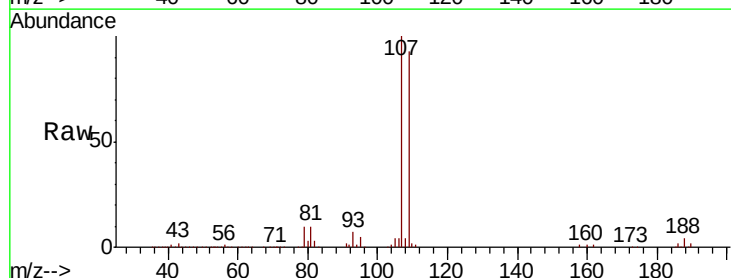


Abundance Ion 128.80 (128.50 to 129.50): V
 Ion 126.80 (126.50 to 127.50): V

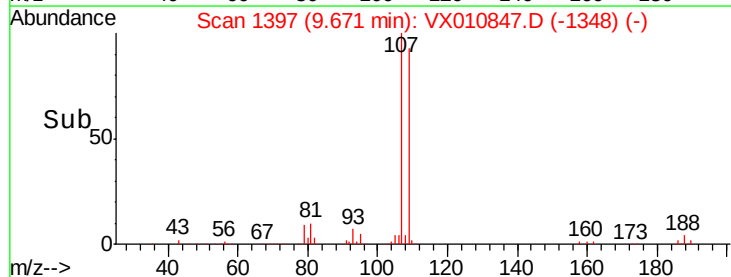
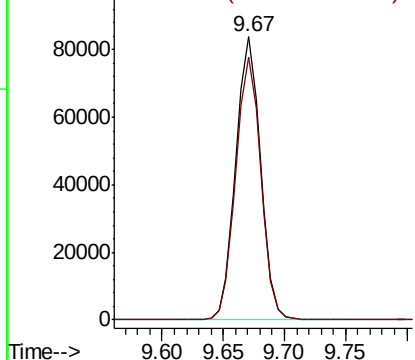


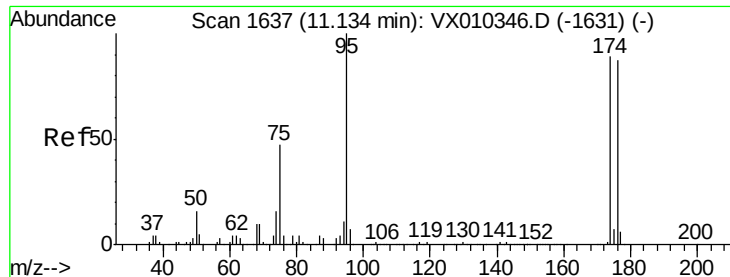
#61
 1,2-Dibromoethane
 Concen: 44.140 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX010847.D
 Acq: 12 Jul 2019 19:33

Tgt Ion:107 Resp: 117093
 Ion Ratio Lower Upper
 107 100
 109 93.9 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V
 Ion 108.80 (108.50 to 109.50): V

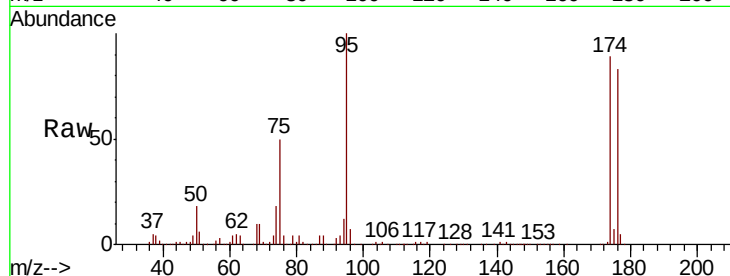




#62
4-Bromofluorobenzene
Concen: 41.183 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010847.D
Acq: 12 Jul 2019 19:33

Instrument :
MSVOA_X
ClientSampled :
FL-0583MS

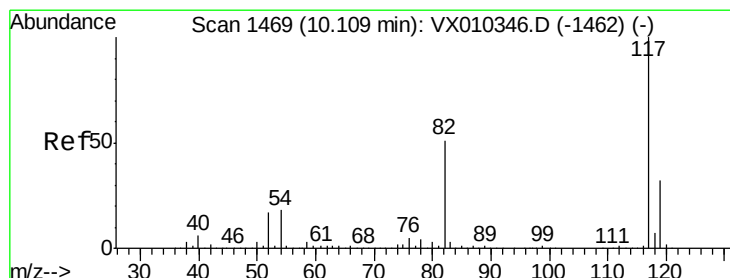
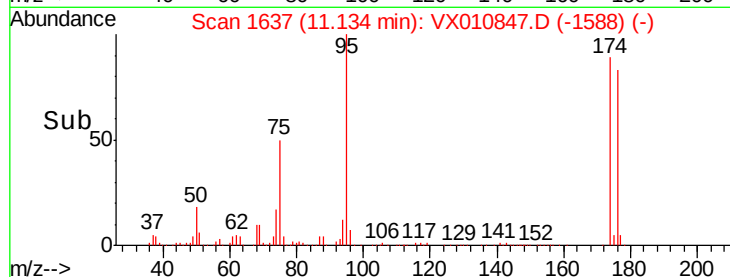
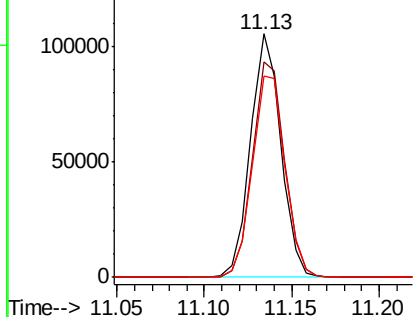
Tot Ion	95	Resp	127207
Ion Ratio	100		
Lower		0.0	187.6
Upper		0.0	184.0



Abundance Ion 94.90 (94.60 to 95.60): VX010346.D (-1631) (-)

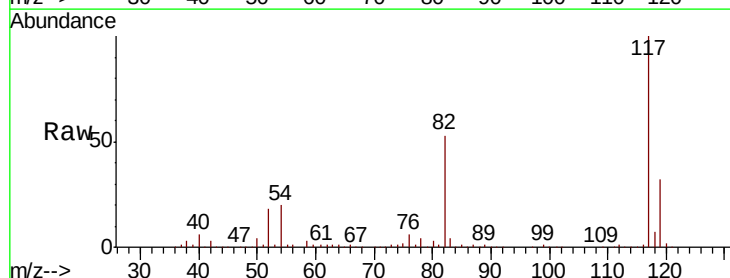
Ion 173.80 (173.50 to 174.50): VX010346.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX010346.D (-1631) (-)



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010847.D
Acq: 12 Jul 2019 19:33

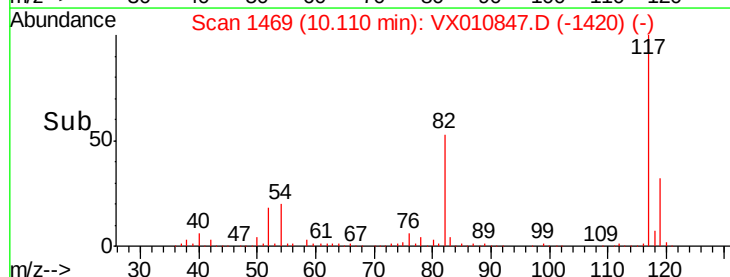
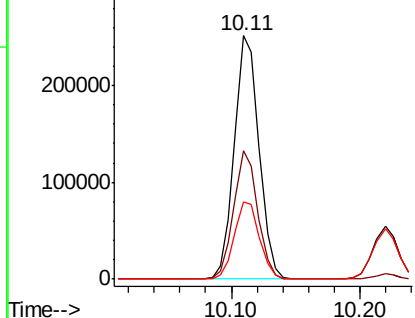
Tgt Ion	117	Resp	336992
Ion Ratio	100		
Lower		41.2	61.8
Upper		25.5	38.3

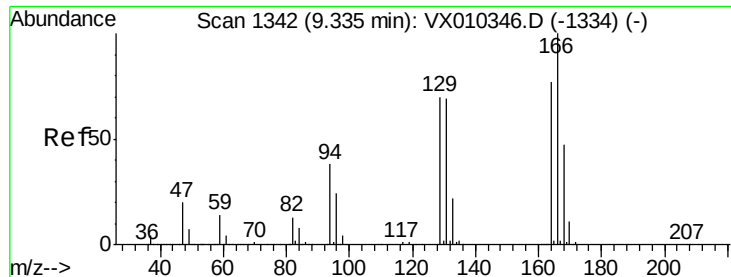


Abundance Ion 116.90 (116.60 to 117.60): VX010346.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX010346.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX010346.D (-1462) (-)





#64

Tetrachloroethene

Concen: 37.595 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX010847.D

Acq: 12 Jul 2019 19:33

Instrument :

MSVOA_X

ClientSampleId :

FL-0583MS

Tot Ion:164 Resp: 102471

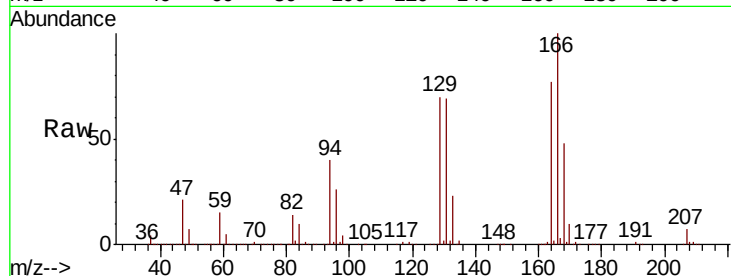
Ion Ratio Lower Upper

164 100

166 129.6 103.6 155.4

129 91.2 73.0 109.4

131 88.9 71.0 106.4

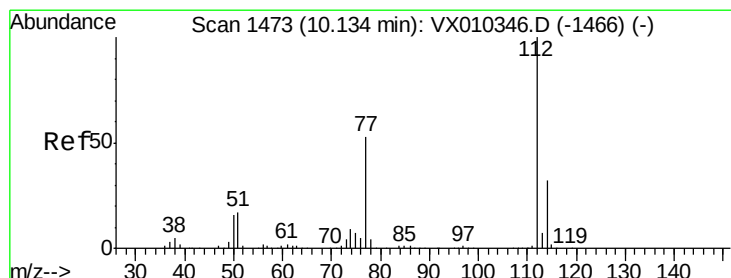
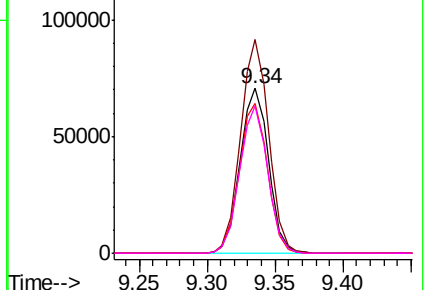
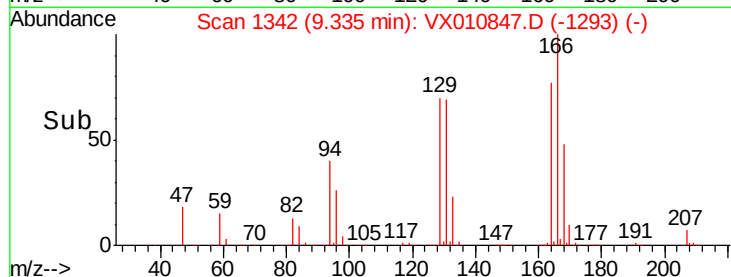


Abundance Ion 163.80 (163.50 to 164.50): V

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: 42.247 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. 0.00 min

Lab File: VX010847.D

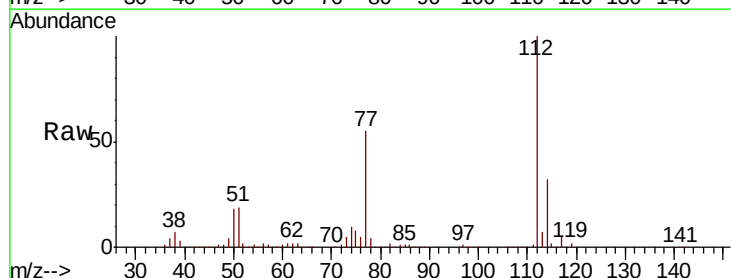
Acq: 12 Jul 2019 19:33

Tgt Ion:112 Resp: 289039

Ion Ratio Lower Upper

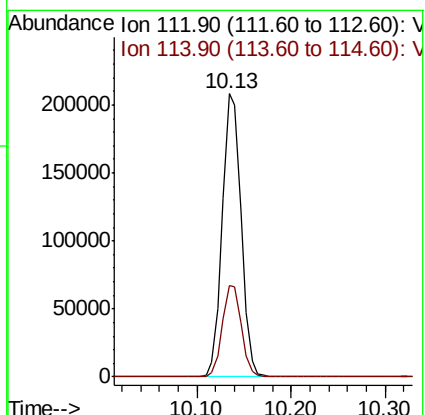
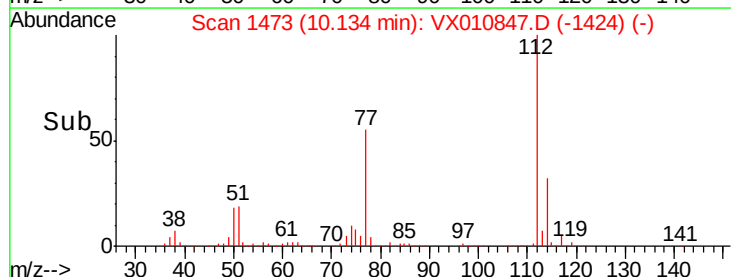
112 100

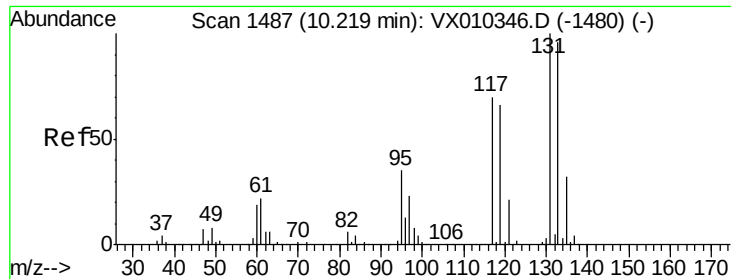
114 32.3 25.4 38.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

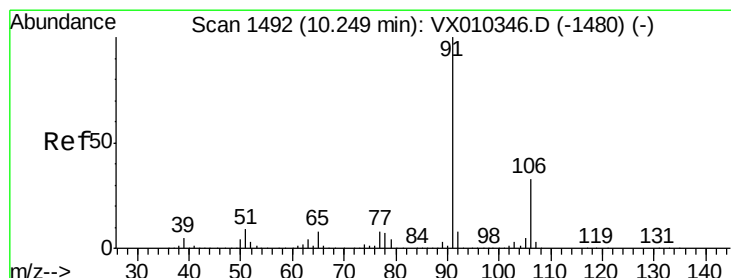
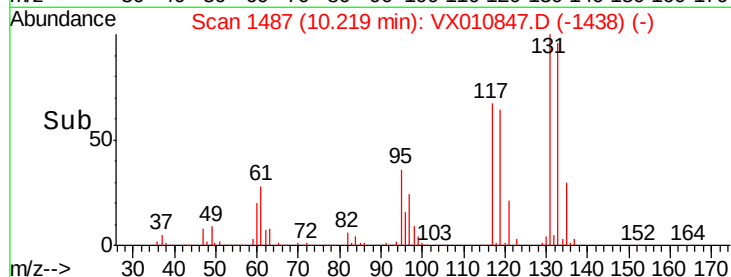
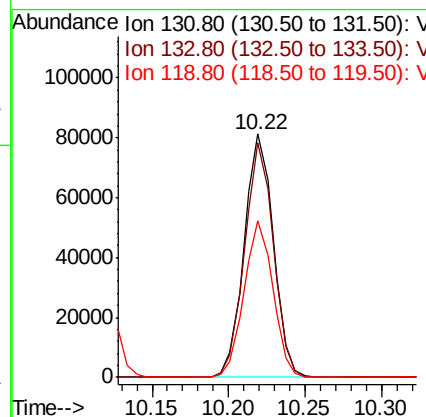
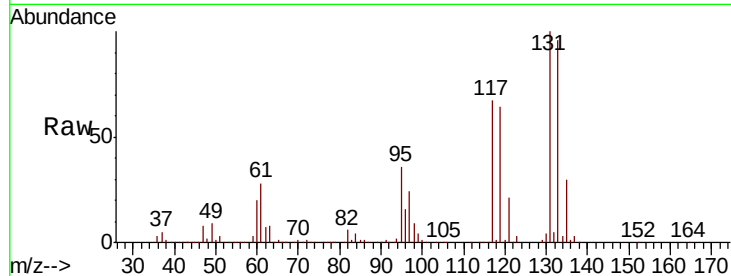




#66
 1,1,1,2-Tetrachloroethane
 Concen: 43.135 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VX010847.D
 Acq: 12 Jul 2019 19:33

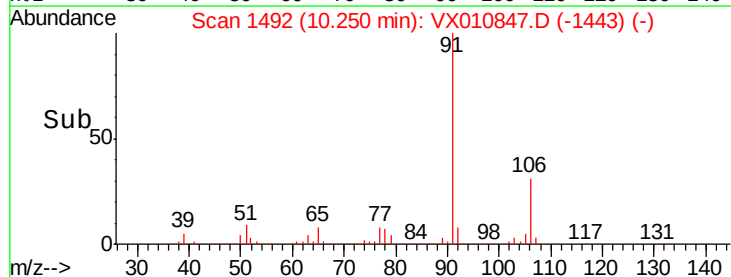
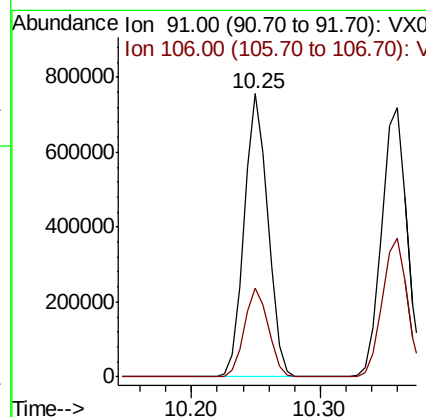
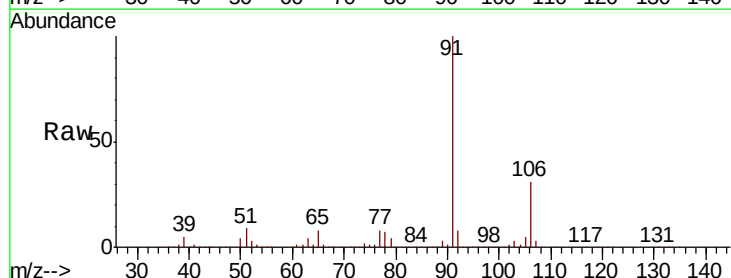
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0583MS

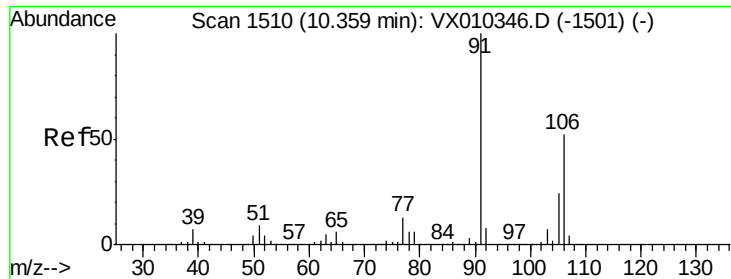
Tot Ion:131 Resp: 107495
 Ion Ratio Lower Upper
 131 100
 133 95.3 47.7 143.1
 119 63.8 32.6 97.7



#67
 Ethyl Benzene
 Concen: 82.965 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: VX010847.D
 Acq: 12 Jul 2019 19:33

Tgt Ion: 91 Resp: 958254
 Ion Ratio Lower Upper
 91 100
 106 31.3 26.2 39.2

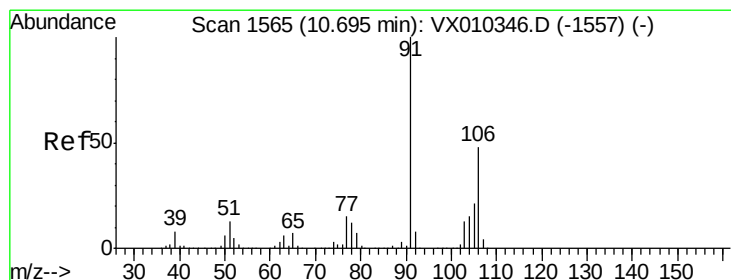
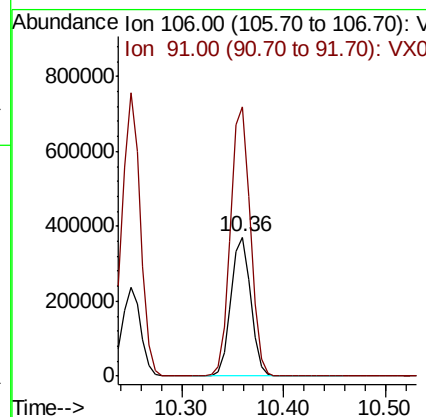
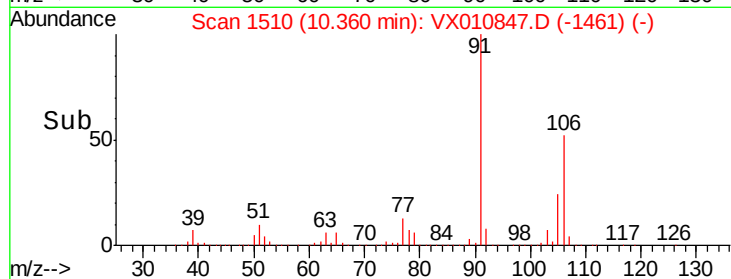
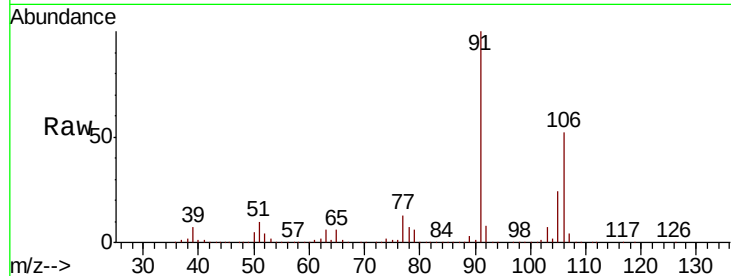




#68
m/p-Xylenes
Concen: 110.674 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010847.D
Acq: 12 Jul 2019 19:33

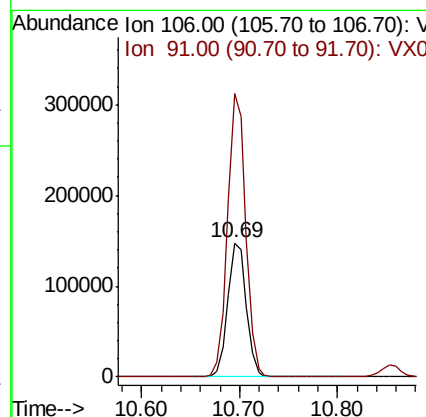
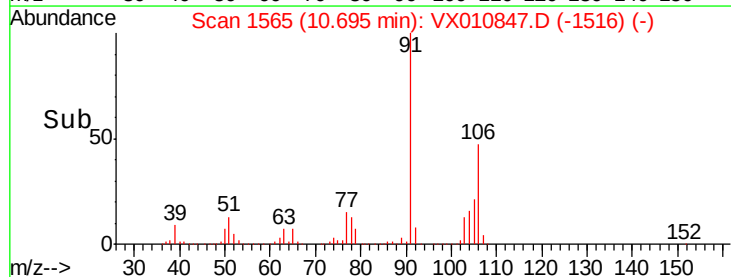
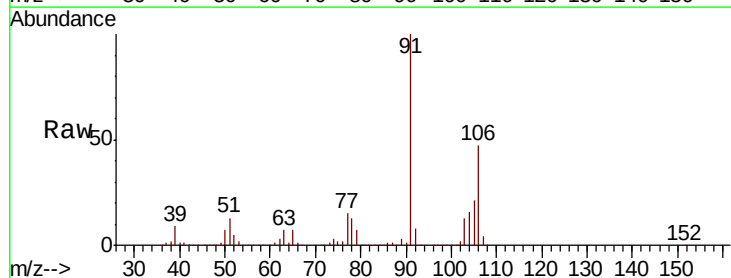
Instrument :
MSVOA_X
ClientSampled :
FL-0583MS

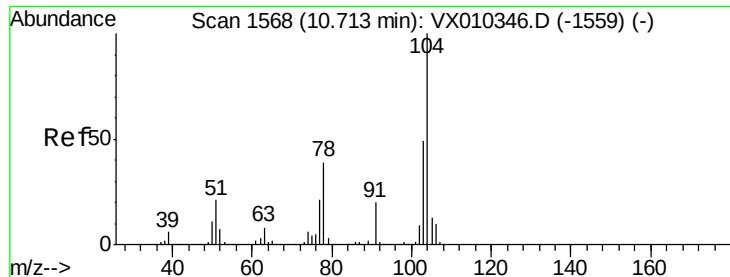
Tot Ion:106 Resp: 495306
Ion Ratio Lower Upper
106 100
91 195.6 155.3 232.9



#69
o-Xylene
Concen: 44.059 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010847.D
Acq: 12 Jul 2019 19:33

Tgt Ion:106 Resp: 193907
Ion Ratio Lower Upper
106 100
91 206.4 102.7 308.1





#70

Stvrene

Concen: 44.788 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX010847.D

Acq: 12 Jul 2019 19:33

Instrument :

MSVOA_X

ClientSampleId :

FL-0583MS

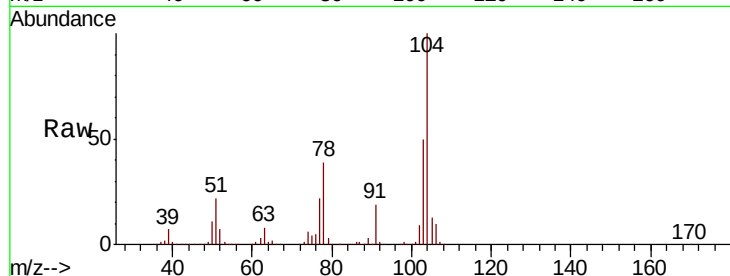
Tot Ion:104 Resp: 330576

Ion Ratio Lower Upper

104 100

78 47.5 36.2 54.2

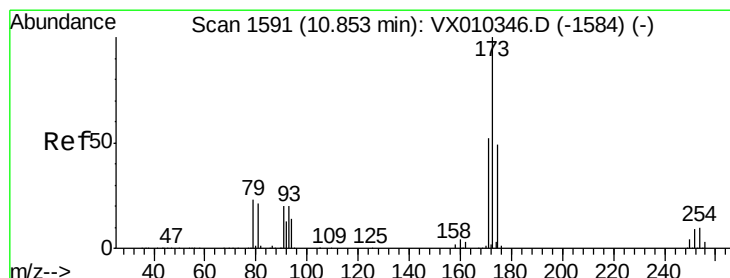
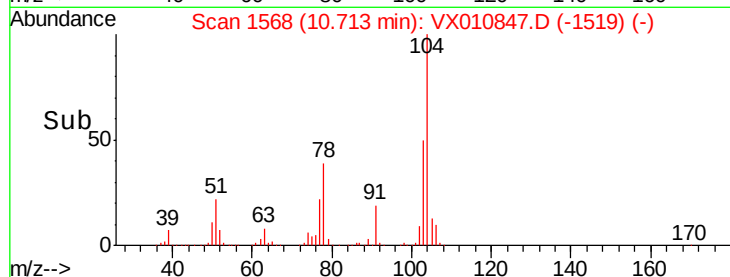
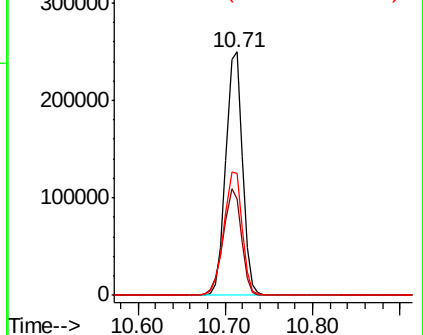
103 55.3 44.2 66.4



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: 40.067 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010847.D

Acq: 12 Jul 2019 19:33

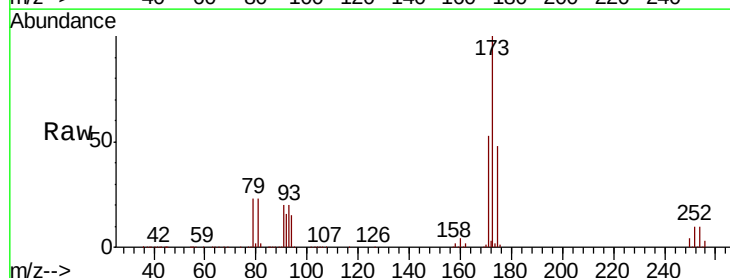
Tgt Ion:173 Resp: 86832

Ion Ratio Lower Upper

173 100

175 48.4 24.1 72.3

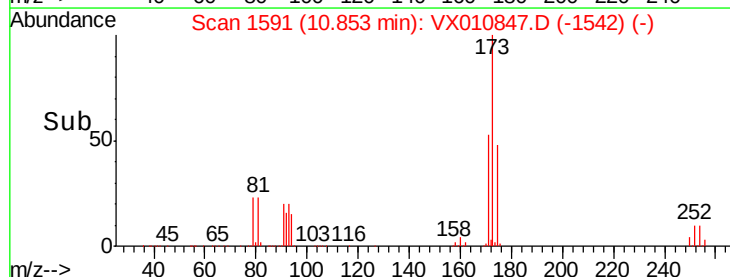
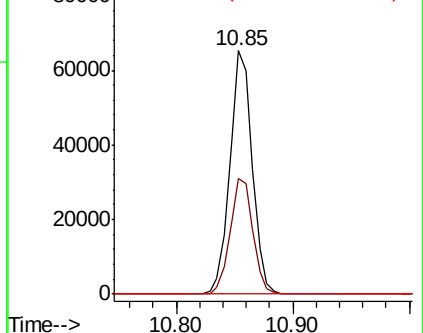
254 0.1 0.2 0.2#

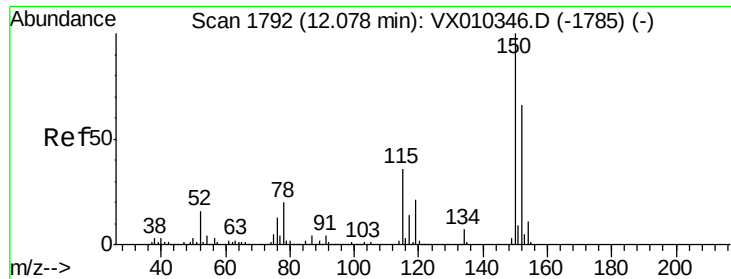


Abundance Ion 172.70 (172.40 to 173.40): V

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: VX010847.D

Acq: 12 Jul 2019 19:33

Instrument :

MSVOA_X

ClientSampleId :

FL-0583MS

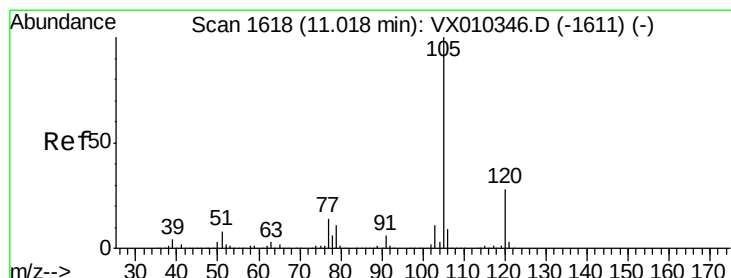
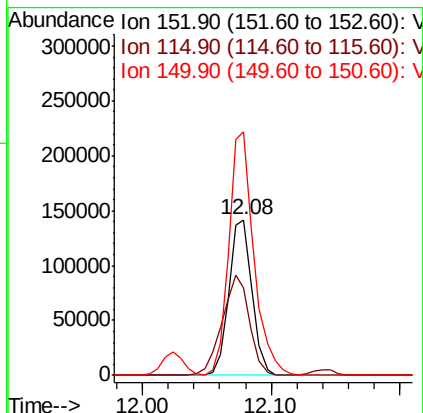
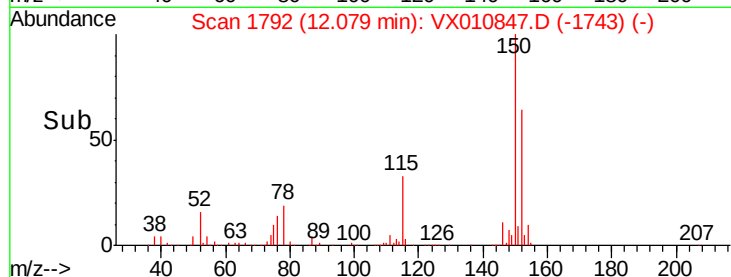
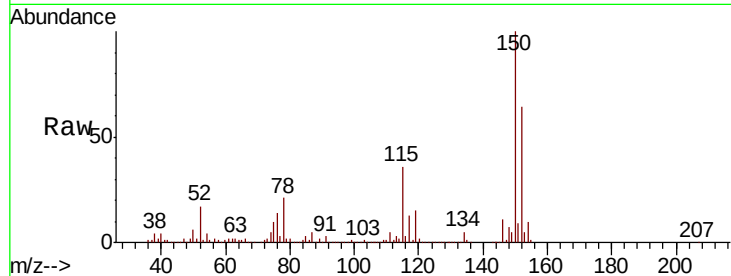
Tot Ion:152 Resp: 178896

Ion Ratio Lower Upper

152 100

115 75.5 38.6 115.7

150 168.0 0.0 347.4



#73

Isopropylbenzene

Concen: 45.245 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010847.D

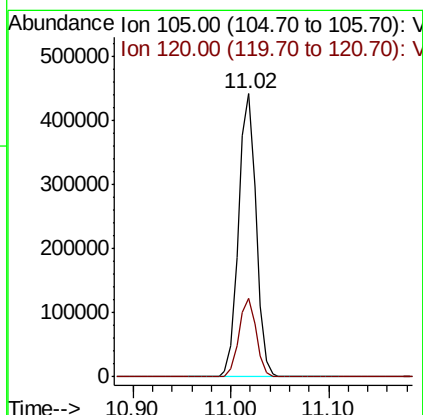
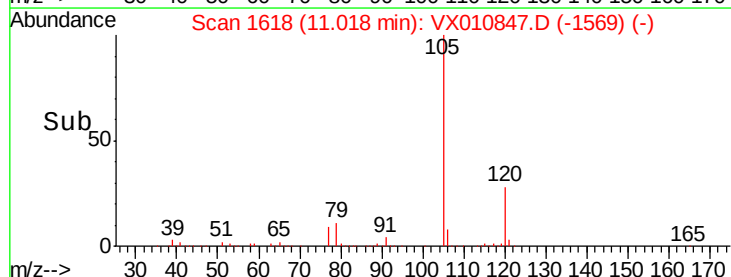
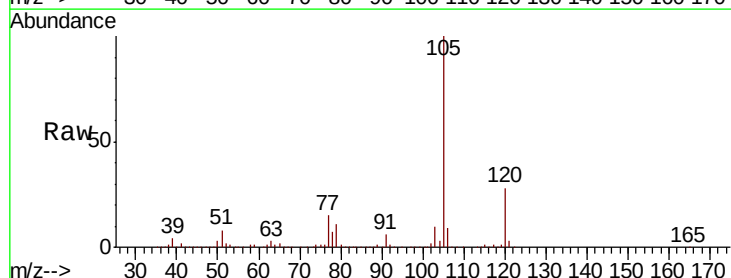
Acq: 12 Jul 2019 19:33

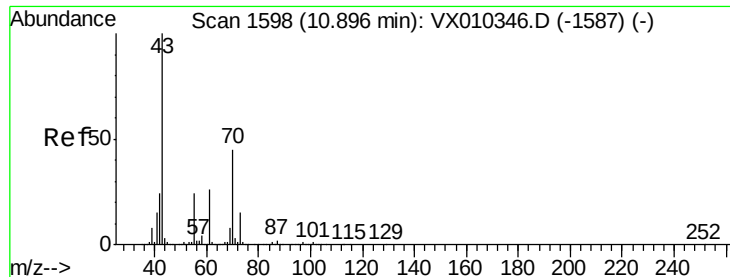
Tgt Ion:105 Resp: 548683

Ion Ratio Lower Upper

105 100

120 27.5 14.1 42.4





#74

N-amyl acetate

Concen: 40.400 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010847.D

Acq: 12 Jul 2019 19:33

Instrument :

MSVOA_X

ClientSampled :

FL-0583MS

Tot Ion: 43 Resp: 185155

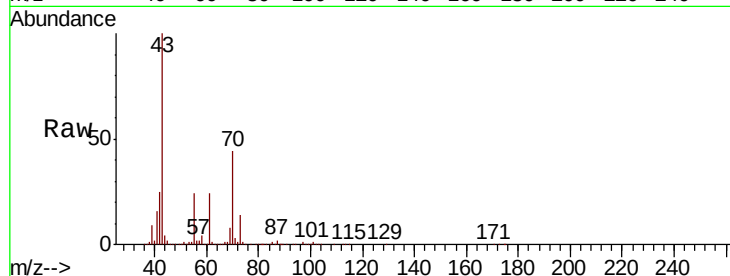
Ion Ratio Lower Upper

43 100

70 43.9 36.6 54.8

55 23.6 18.7 28.1

61 25.2 20.6 31.0

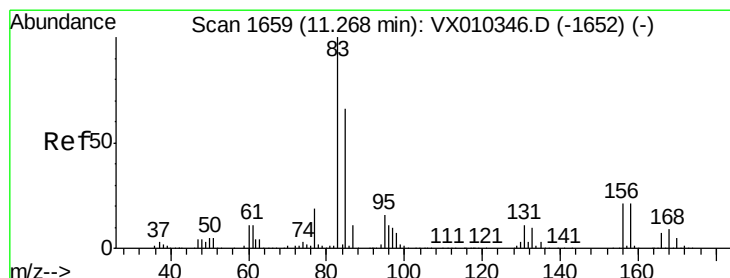
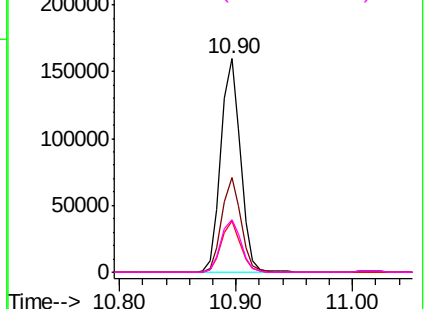
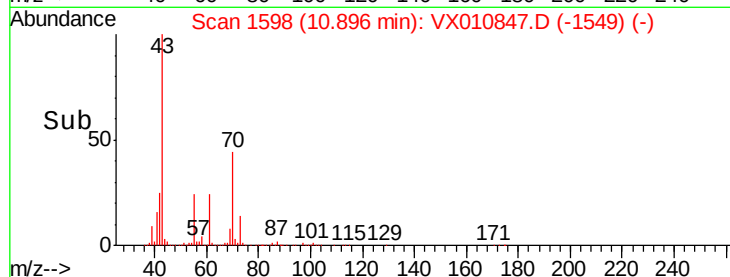


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 43.130 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX010847.D

Acq: 12 Jul 2019 19:33

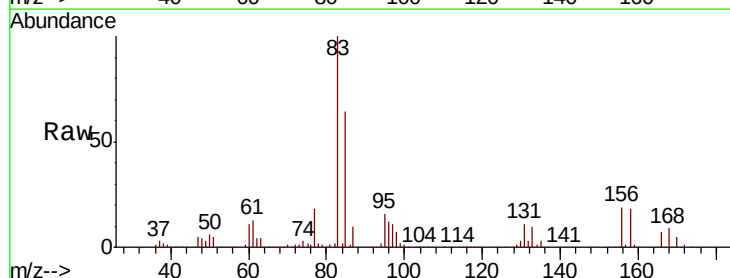
Tgt Ion: 83 Resp: 173216

Ion Ratio Lower Upper

83 100

131 10.8 5.5 16.4

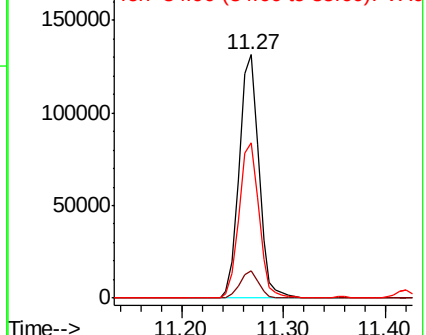
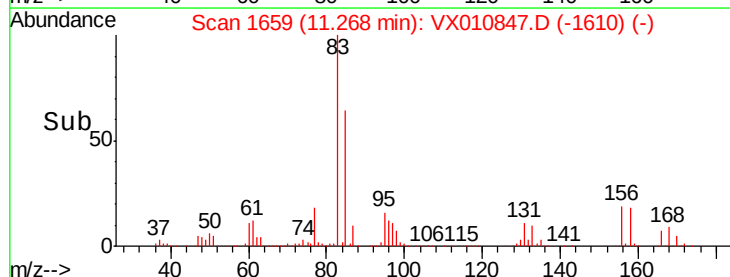
85 65.2 32.3 96.8

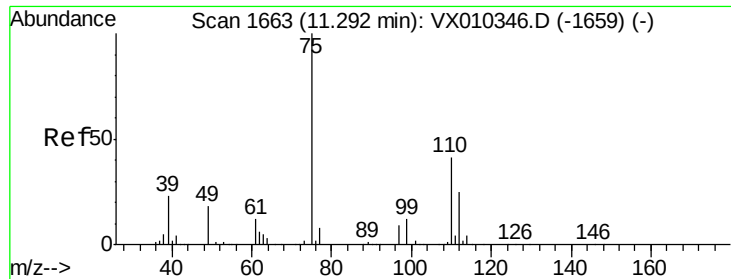


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 54.993 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX010847.D

Acq: 12 Jul 2019 19:33

Instrument :

MSVOA_X

ClientSampleId :

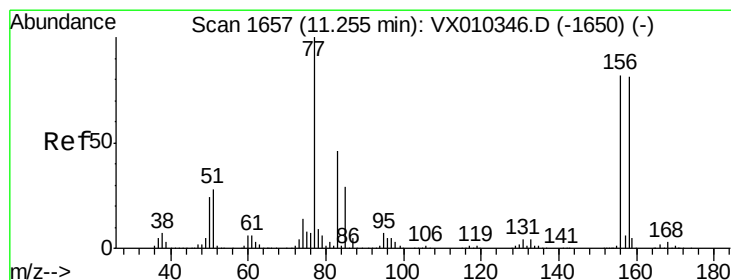
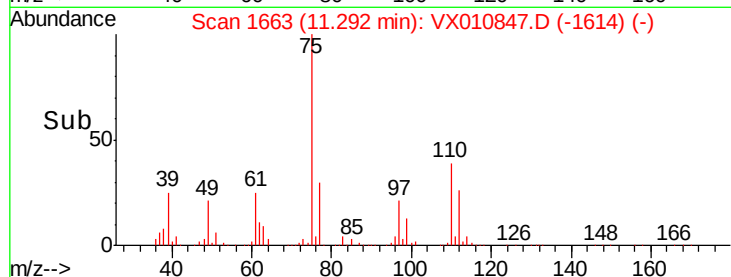
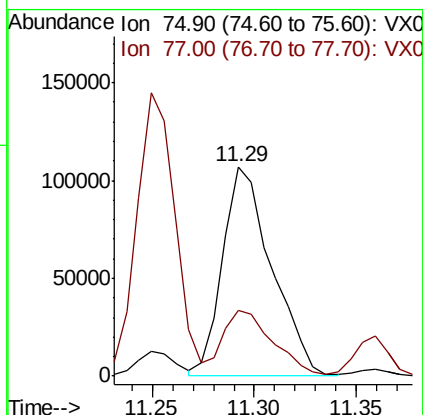
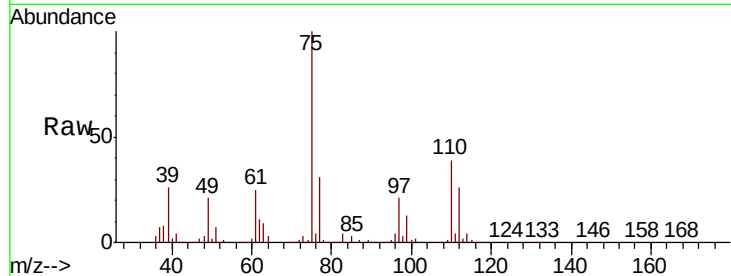
FL-0583MS

Tot Ion: 75 Resp: 179275

Ion Ratio Lower Upper

75 100

77 32.2 22.6 67.8



#77

Bromobenzene

Concen: 40.454 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX010847.D

Acq: 12 Jul 2019 19:33

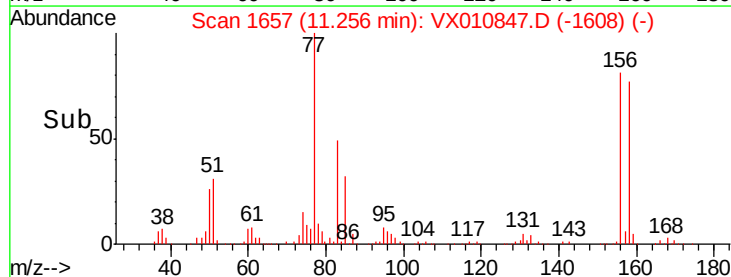
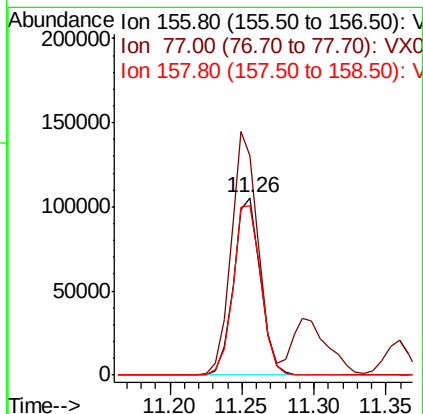
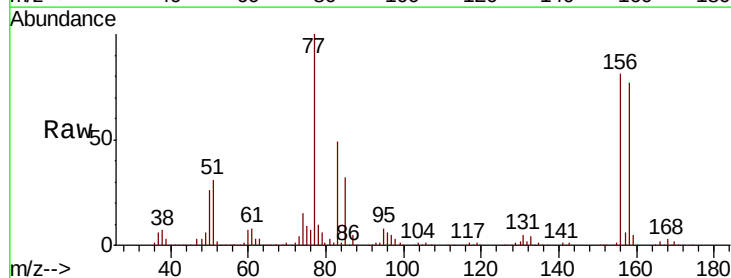
Tgt Ion: 156 Resp: 136985

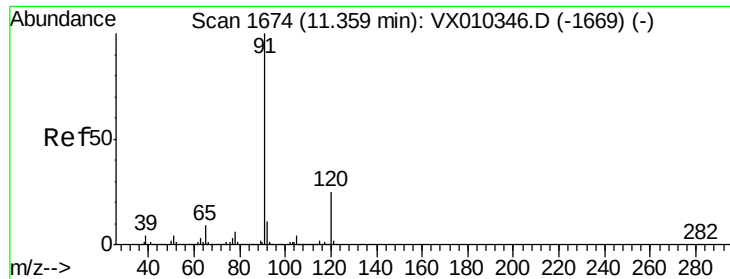
Ion Ratio Lower Upper

156 100

77 137.0 66.3 198.7

158 99.0 48.9 146.7





#78

n-propylbenzene

Concen: 45.218 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010847.D

Acq: 12 Jul 2019 19:33

Instrument :

MSVOA_X

ClientSampleId :

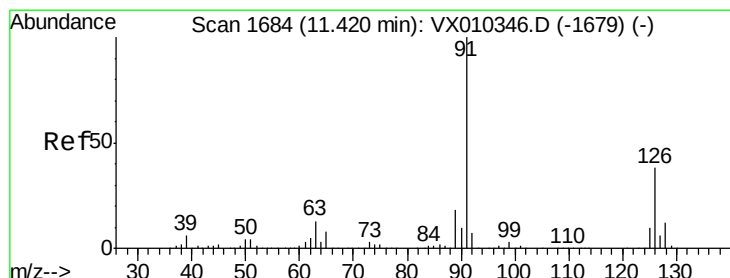
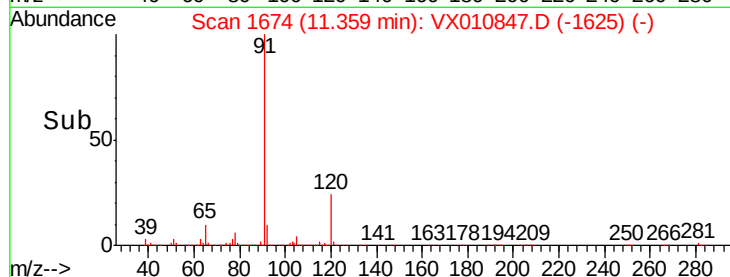
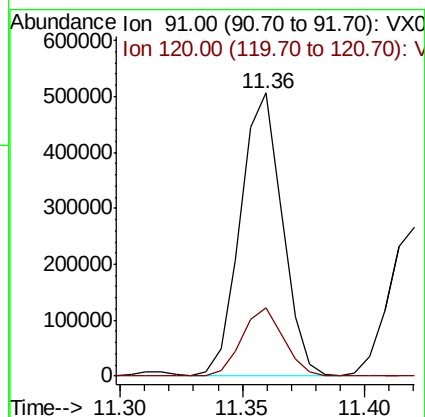
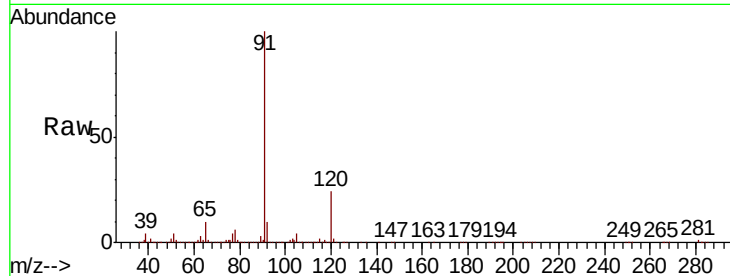
FL-0583MS

Tot Ion: 91 Resp: 602664

Ion Ratio Lower Upper

91 100

120 24.1 12.4 37.4



#79

2-Chlorotoluene

Concen: 42.475 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX010847.D

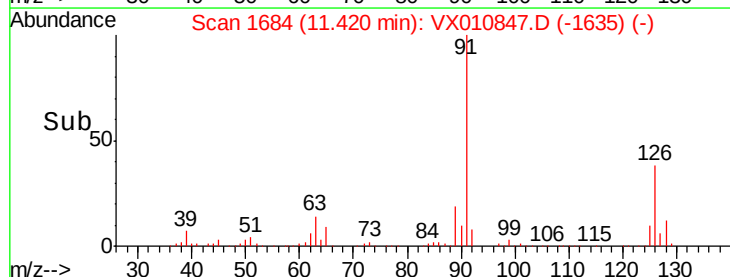
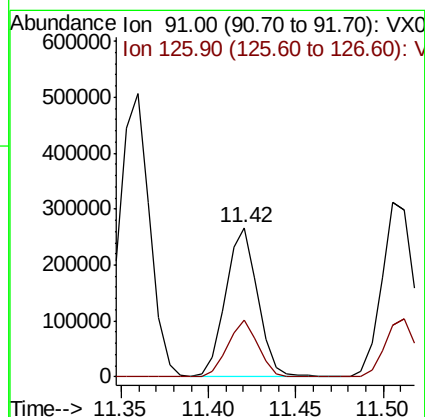
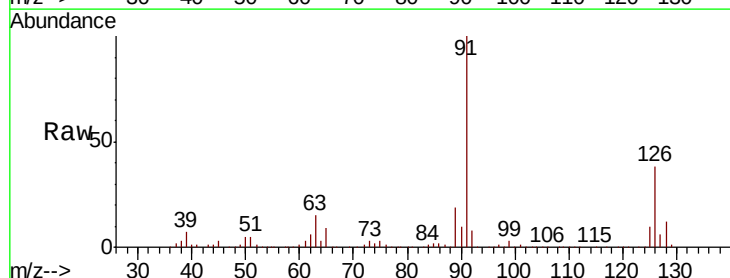
Acq: 12 Jul 2019 19:33

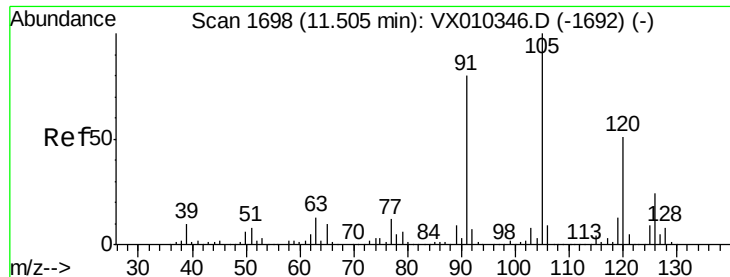
Tgt Ion: 91 Resp: 337106

Ion Ratio Lower Upper

91 100

126 36.4 18.7 56.1

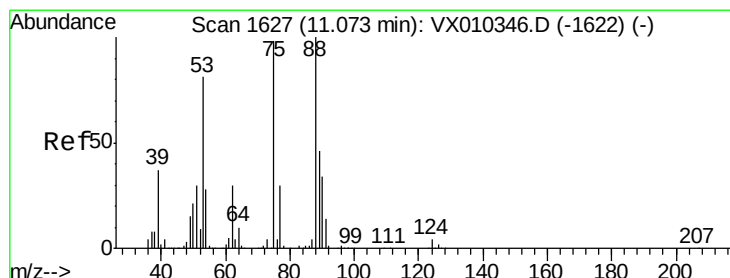
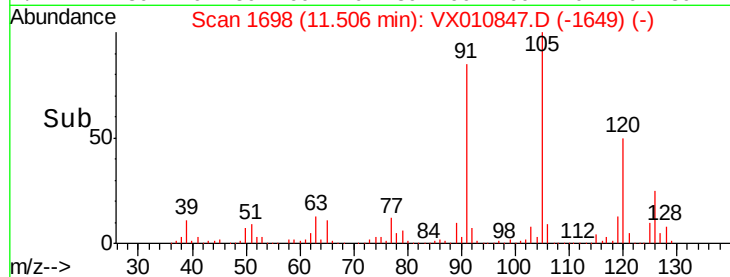
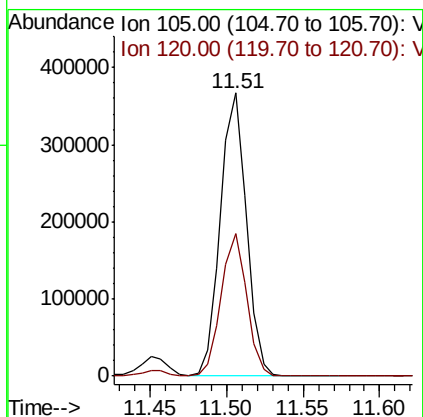
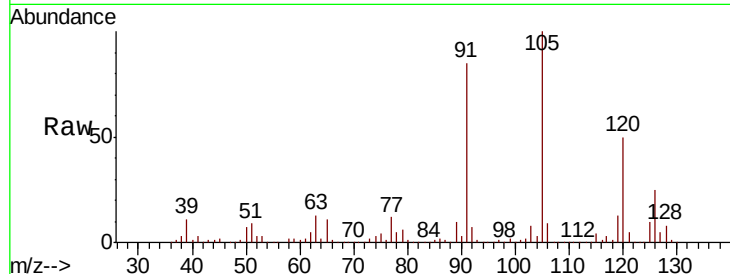




#80
 1,3,5-Trimethylbenzene
 Concen: 43.396 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010847.D
 Acq: 12 Jul 2019 19:33

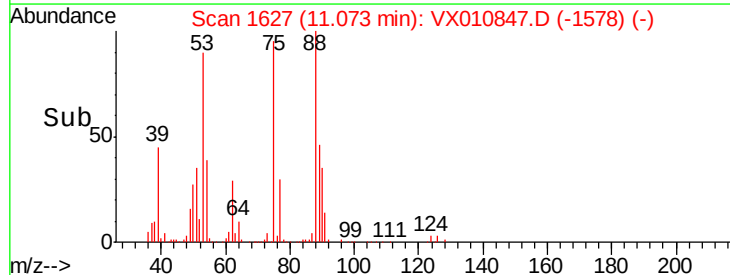
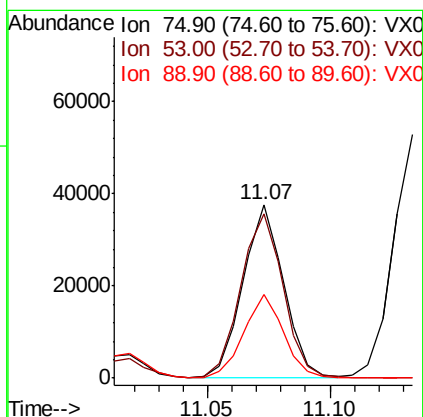
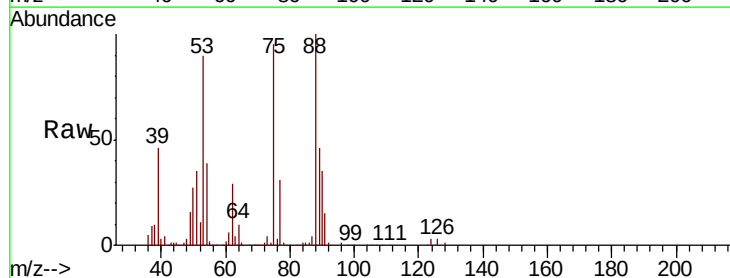
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0583MS

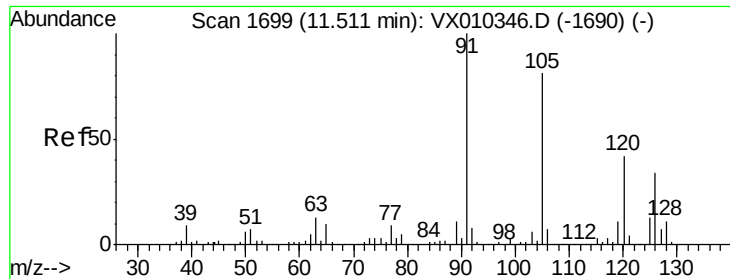
Tot Ion:105 Resp: 433839
 Ion Ratio Lower Upper
 105 100
 120 49.5 25.2 75.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 31.064 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VX010847.D
 Acq: 12 Jul 2019 19:33

Tgt Ion: 75 Resp: 43409
 Ion Ratio Lower Upper
 75 100
 53 98.6 66.1 99.1
 89 47.4 37.8 56.6

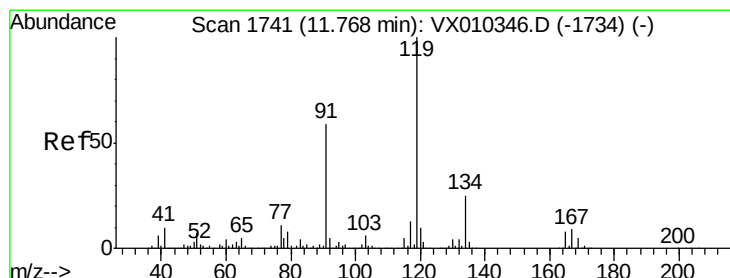
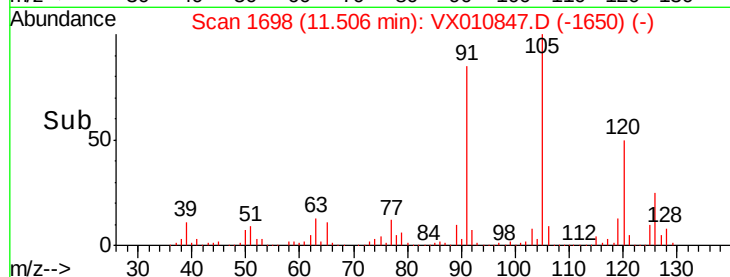
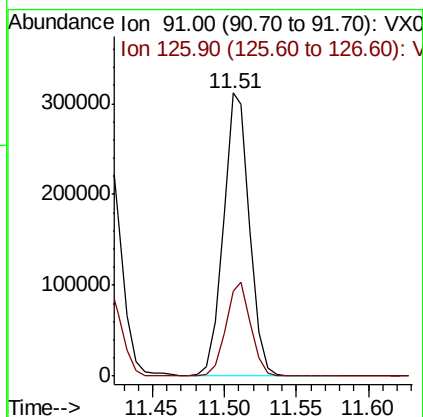
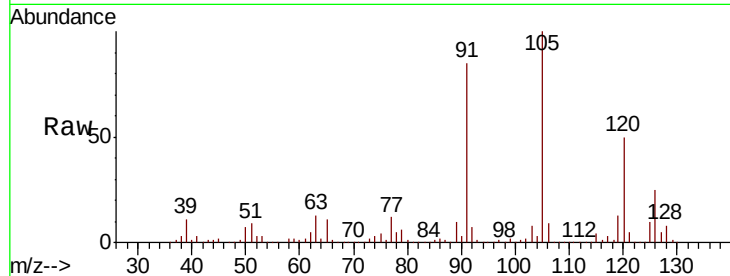




#82
4-Chlorotoluene
Concen: 43.692 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX010847.D
Acq: 12 Jul 2019 19:33

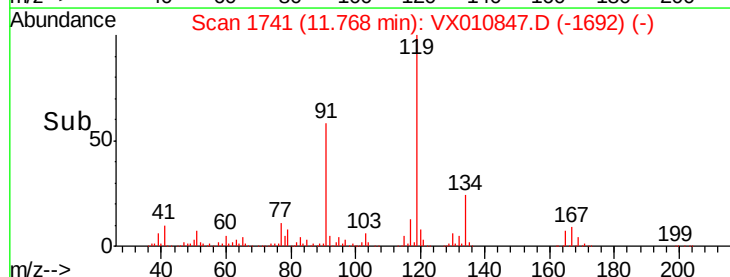
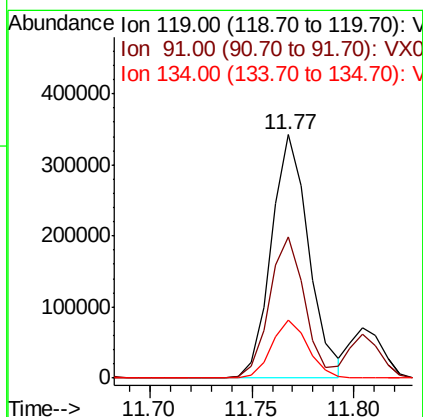
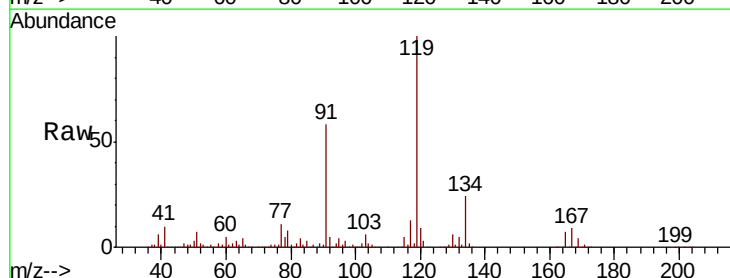
Instrument :
MSVOA_X
ClientSampled :
FL-0583MS

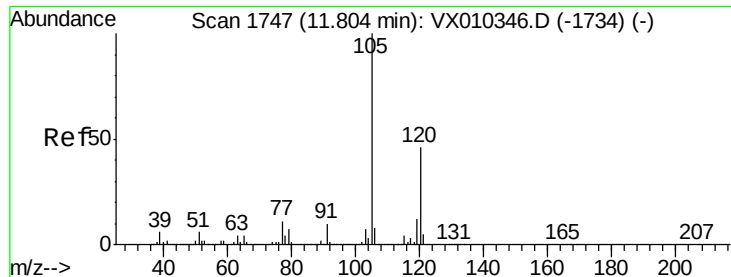
Tot Ion: 91 Resp: 394576
Ion Ratio Lower Upper
91 100
126 31.8 16.2 48.6



#83
tert-Butylbenzene
Concen: 43.696 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX010847.D
Acq: 12 Jul 2019 19:33

Tgt Ion: 119 Resp: 438446
Ion Ratio Lower Upper
119 100
91 54.2 27.6 82.7
134 23.0 11.8 35.4





#84

1,2,4-Trimethylbenzene

Concen: 67.203 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX010847.D

Acq: 12 Jul 2019 19:33

Instrument :

MSVOA_X

ClientSampleId :

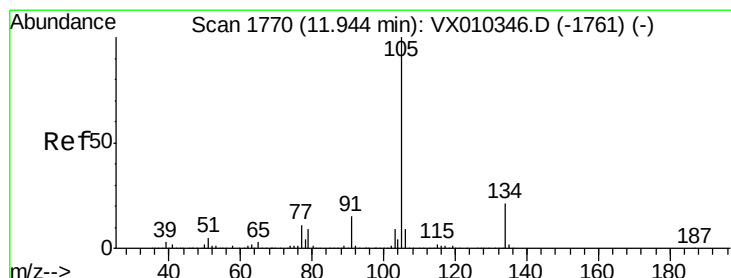
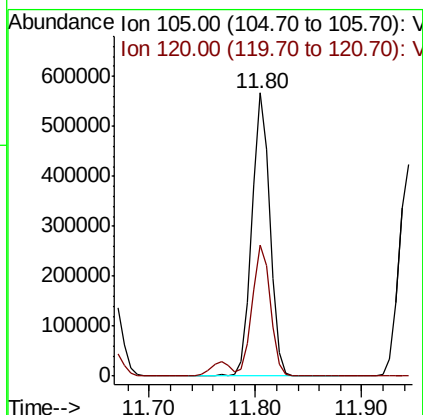
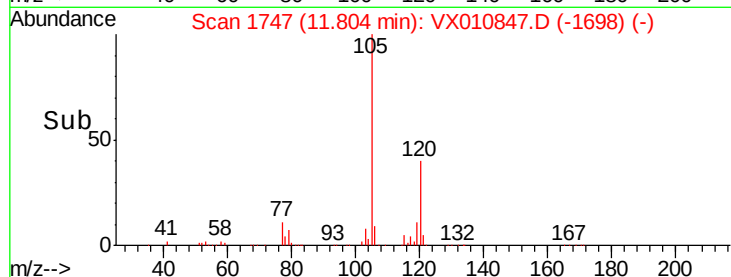
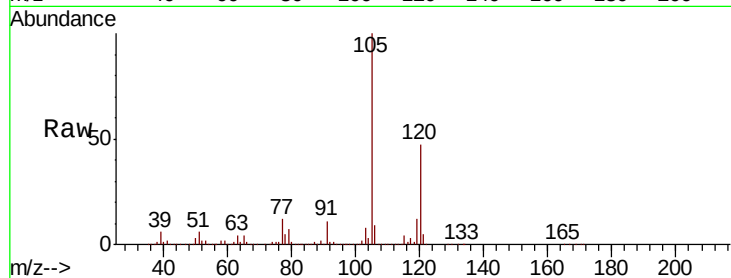
FL-0583MS

Tot Ion:105 Resp: 674994

Ion Ratio Lower Upper

105 100

120 46.8 23.1 69.2



#85

sec-Butylbenzene

Concen: 43.016 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010847.D

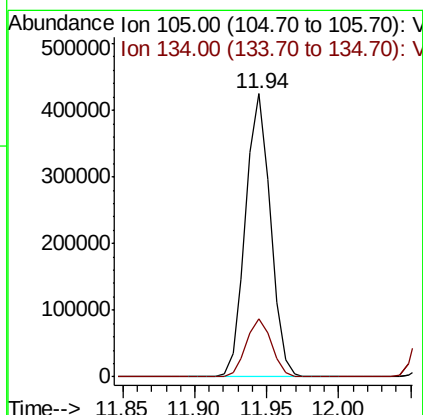
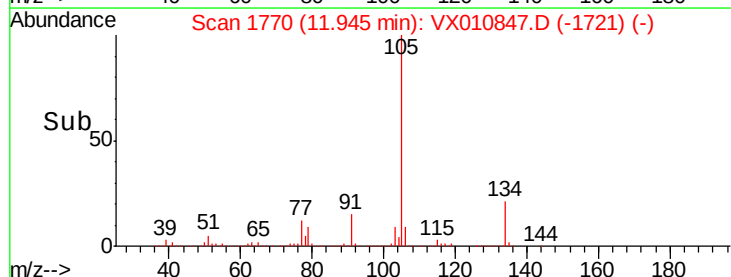
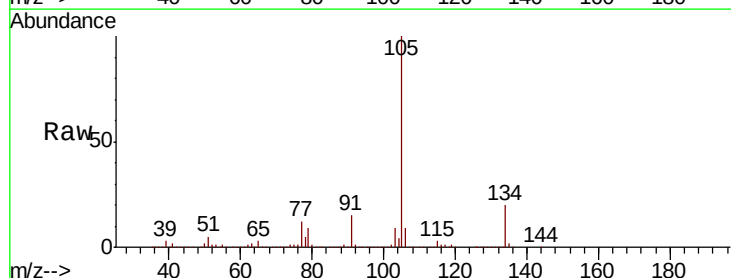
Acq: 12 Jul 2019 19:33

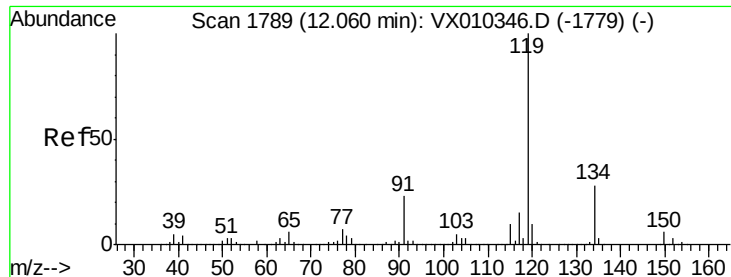
Tgt Ion:105 Resp: 506783

Ion Ratio Lower Upper

105 100

134 20.9 10.7 31.9





#86

p-Isopropyltoluene

Concen: 43.133 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010847.D

Acq: 12 Jul 2019 19:33

Instrument :

MSVOA_X

ClientSampled :

FL-0583MS

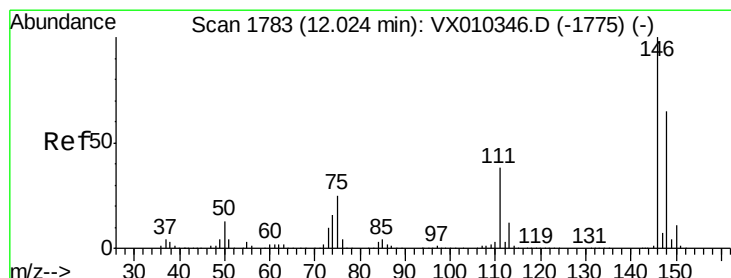
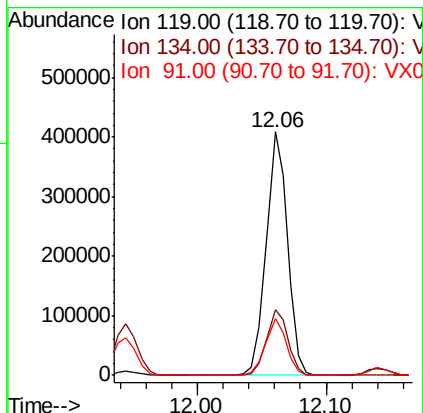
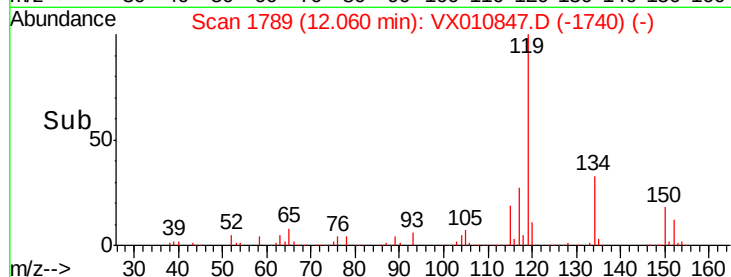
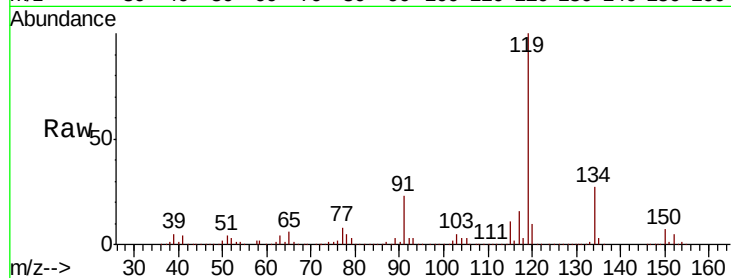
Tot Ion:119 Resp: 470037

Ion Ratio Lower Upper

119 100

134 27.2 13.7 41.1

91 22.9 11.3 33.8



#87

1,3-Dichlorobenzene

Concen: 41.423 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX010847.D

Acq: 12 Jul 2019 19:33

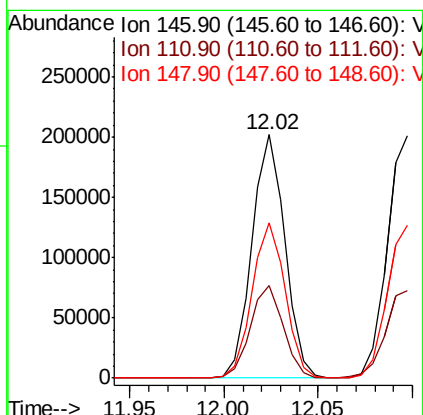
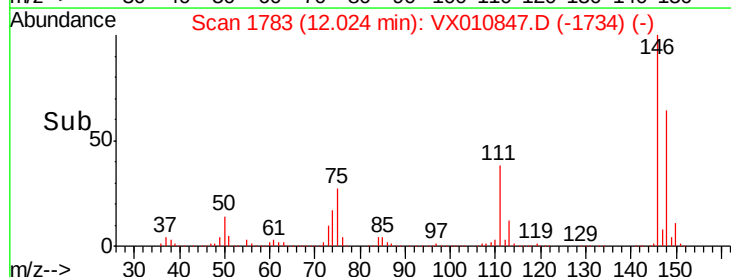
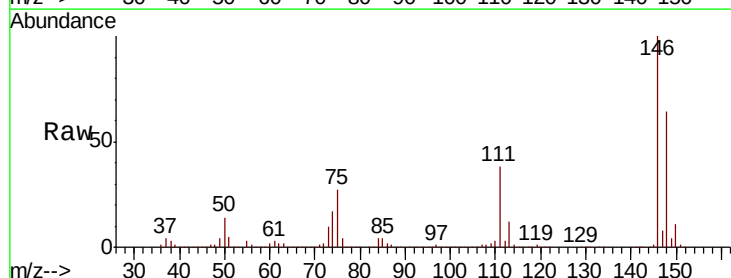
Tgt Ion:146 Resp: 244844

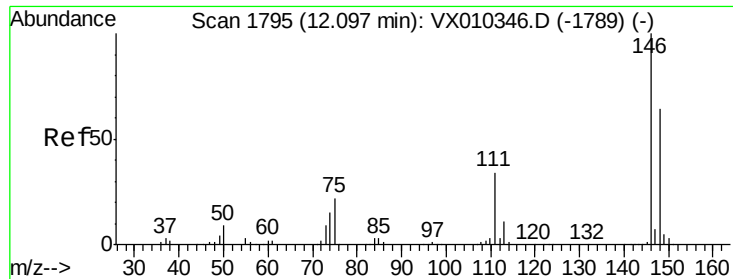
Ion Ratio Lower Upper

146 100

111 38.2 19.1 57.1

148 64.1 32.5 97.4

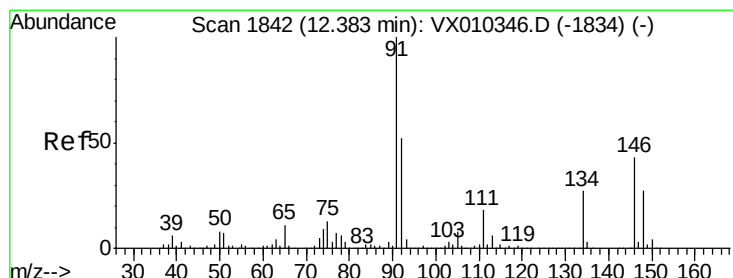
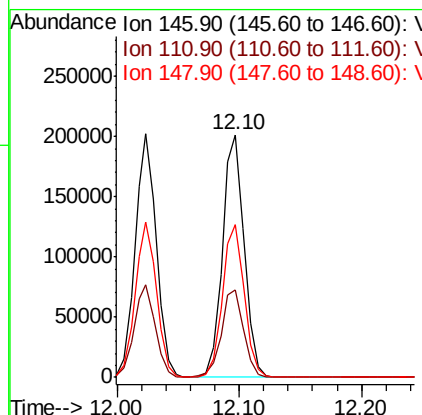
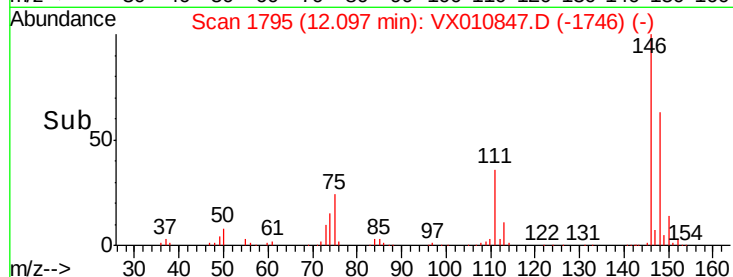
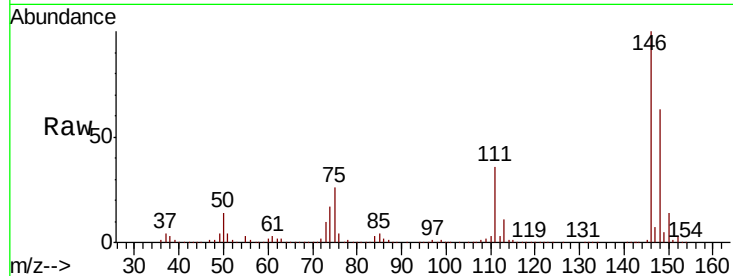




#88
 1,4-Dichlorobenzene
 Concen: 40.938 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010847.D
 Acq: 12 Jul 2019 19:33

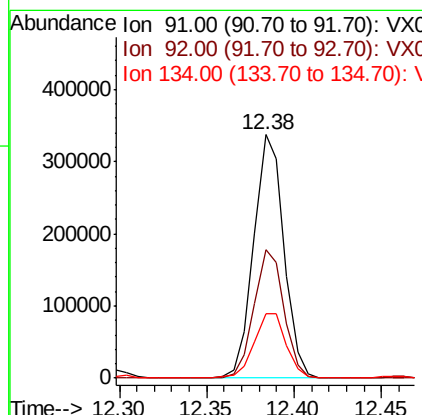
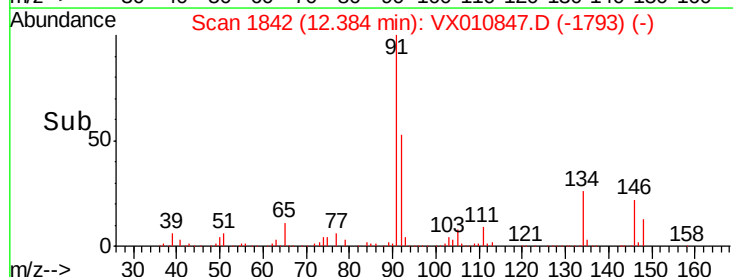
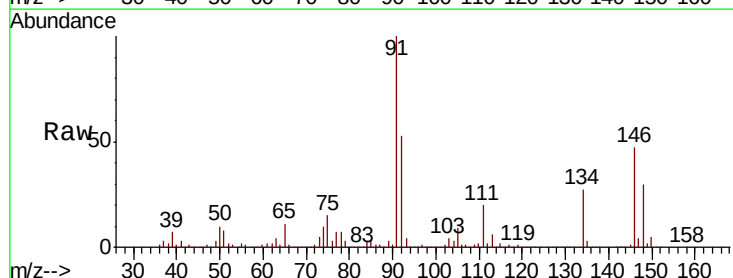
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0583MS

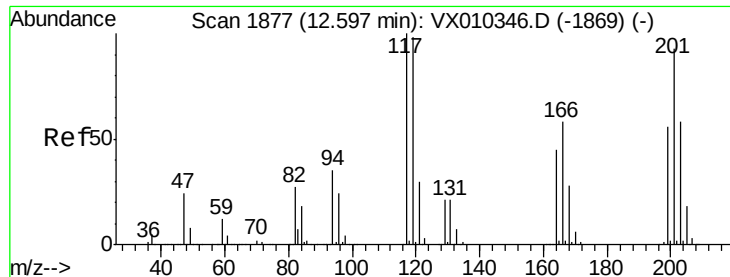
Tot Ion:146 Resp: 246345
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.1 54.3
 148 63.5 32.1 96.3



#89
 n-Butylbenzene
 Concen: 43.603 ug/l
 RT: 12.38 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX010847.D
 Acq: 12 Jul 2019 19:33

Tgt Ion: 91 Resp: 403770
 Ion Ratio Lower Upper
 91 100
 92 52.5 26.2 78.5
 134 28.5 14.1 42.4

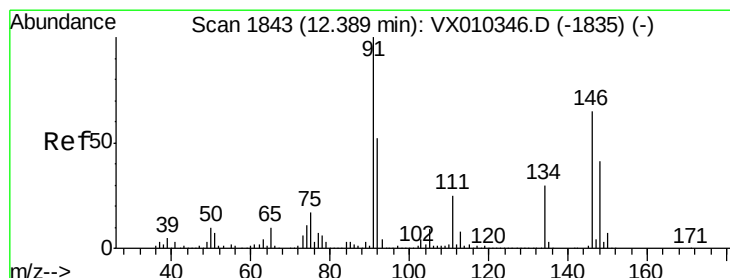
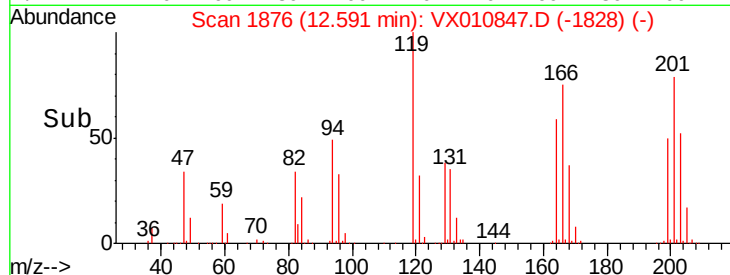
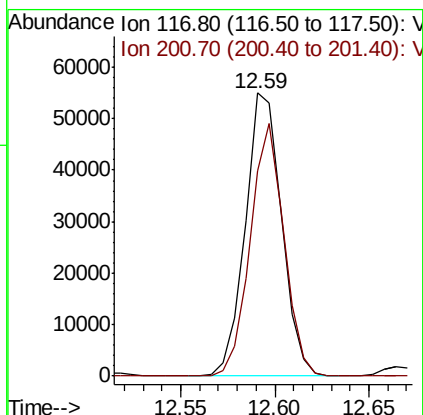
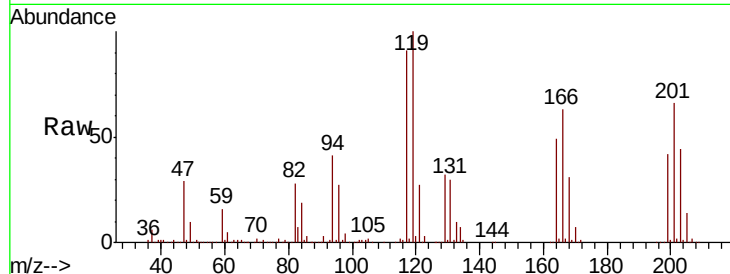




#90
Hexachloroethane
Concen: 39.127 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX010847.D
Acq: 12 Jul 2019 19:33

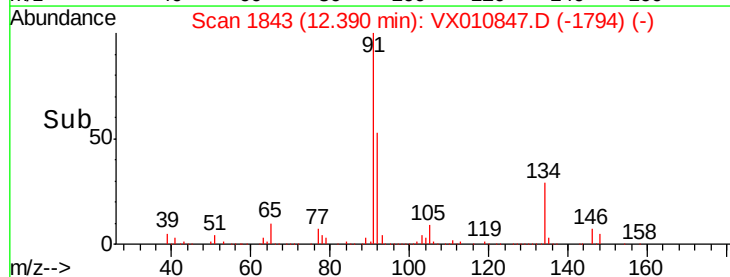
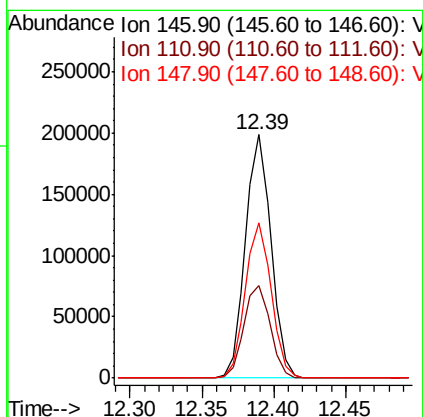
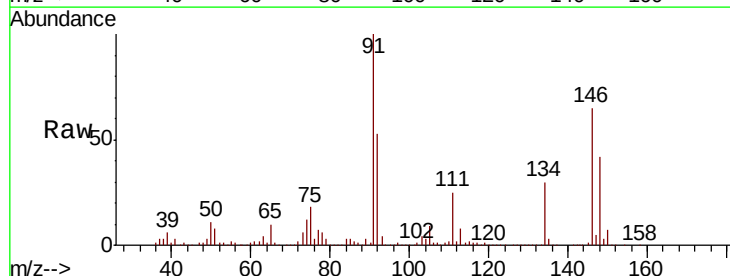
Instrument :
MSVOA_X
ClientSampleId :
FL-0583MS

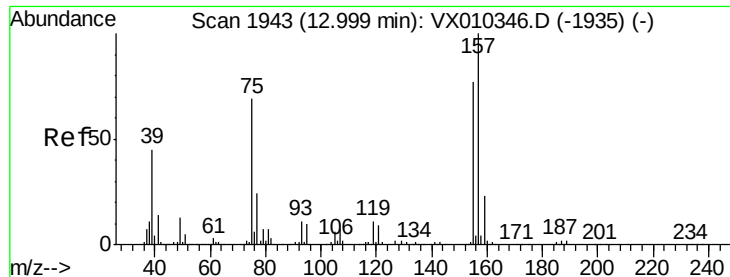
Tot Ion:117 Resp: 73727
Ion Ratio Lower Upper
117 100
201 82.3 44.0 131.8



#91
1,2-Dichlorobenzene
Concen: 41.532 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX010847.D
Acq: 12 Jul 2019 19:33

Tgt Ion:146 Resp: 243984
Ion Ratio Lower Upper
146 100
111 39.4 19.2 57.6
148 64.7 32.0 96.0





#92

1,2-Dibromo-3-Chloropropane

Concen: 40.905 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX010847.D

Acq: 12 Jul 2019 19:33

Instrument :

MSVOA_X

ClientSampleId :

FL-0583MS

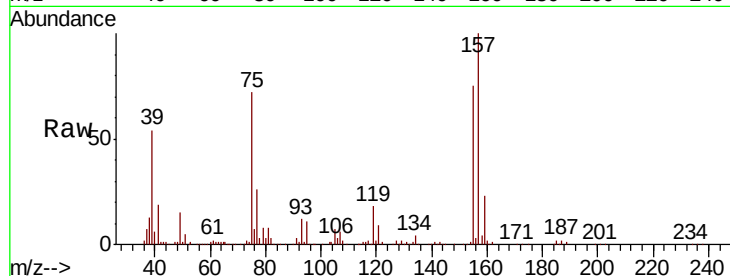
Tot Ion: 75 Resp: 35419

Ion	Ratio	Lower	Upper
75	100		
155	97.0	54.4	163.1
157	126.2	69.5	208.3

75 100

155 97.0 54.4 163.1

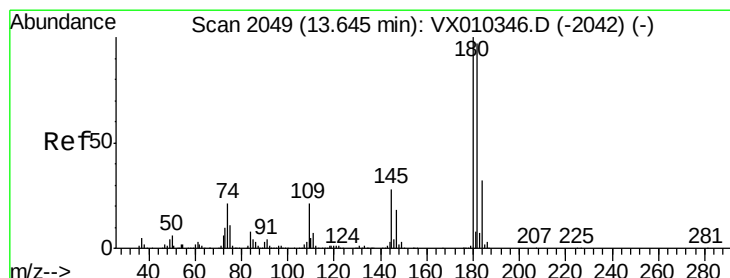
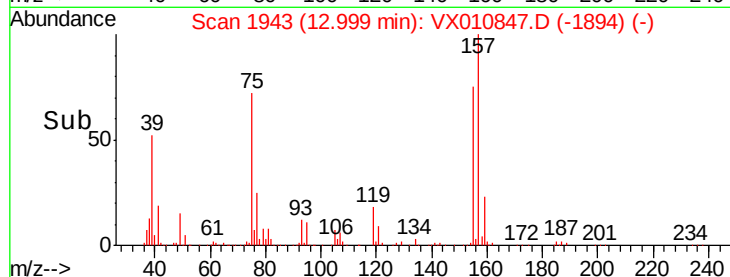
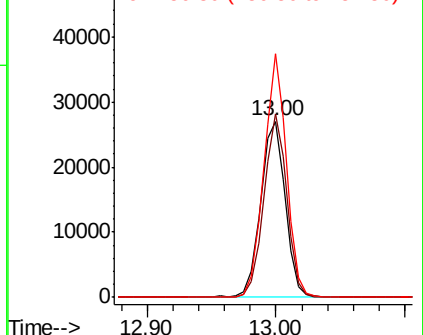
157 126.2 69.5 208.3



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: 40.945 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. 0.00 min

Lab File: VX010847.D

Acq: 12 Jul 2019 19:33

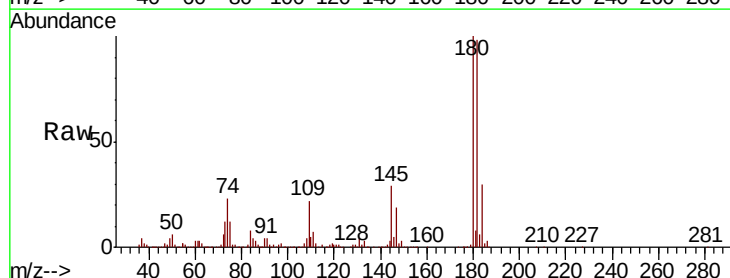
Tgt Ion: 180 Resp: 166809

Ion	Ratio	Lower	Upper
180	100		
182	95.9	48.0	144.0
145	30.1	14.4	43.4

180 100

182 95.9 48.0 144.0

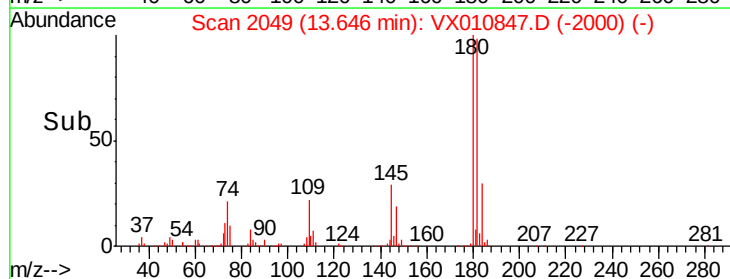
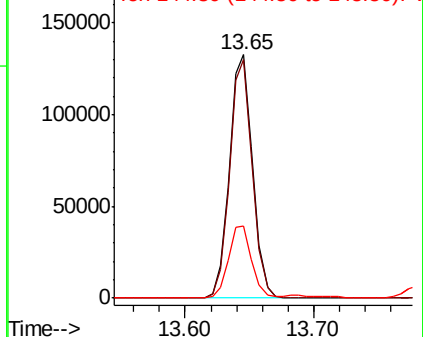
145 30.1 14.4 43.4

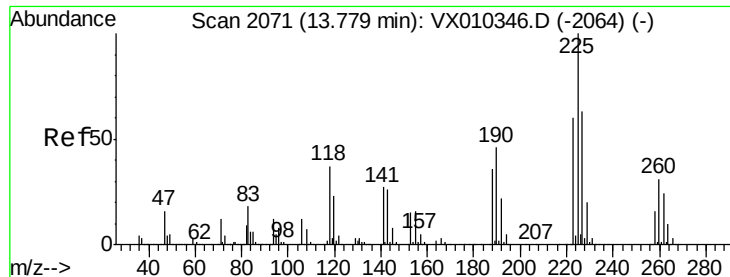


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 41.194 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VX010847.D

Acq: 12 Jul 2019 19:33

Instrument :

MSVOA_X

ClientSampled :

FL-0583MS

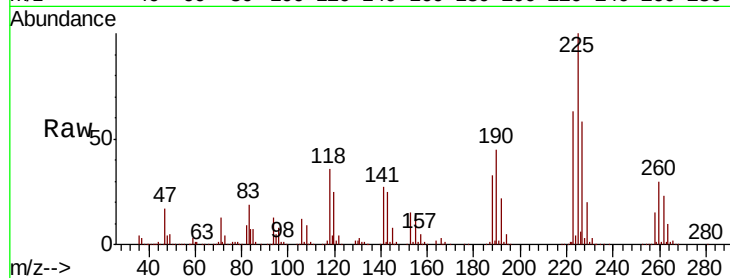
Tot Ion:225 Resp: 82021

Ion Ratio Lower Upper

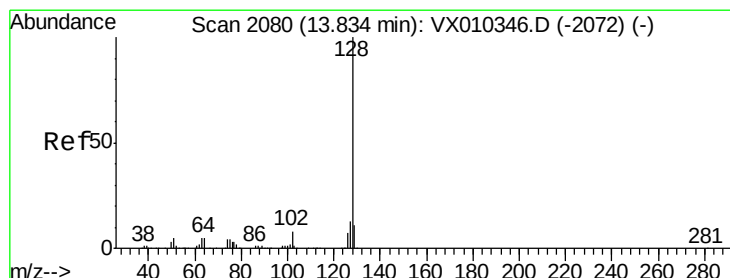
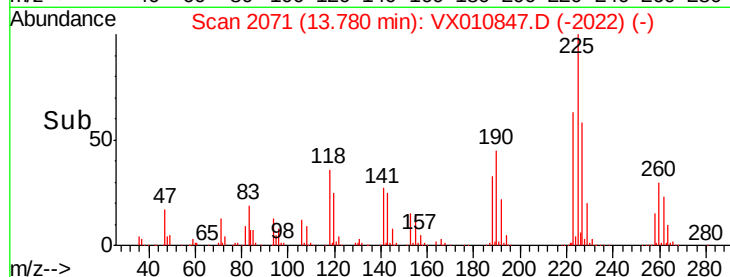
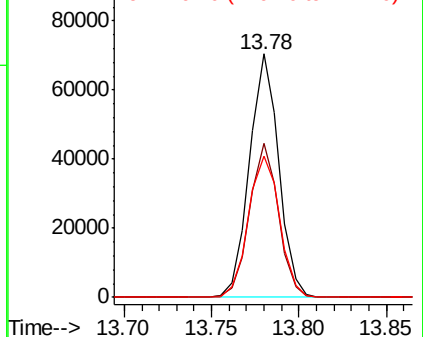
225 100

223 62.1 30.9 92.7

227 61.9 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: 49.902 ug/l

RT: 13.83 min Scan# 2079

Delta R.T. -0.01 min

Lab File: VX010847.D

Acq: 12 Jul 2019 19:33

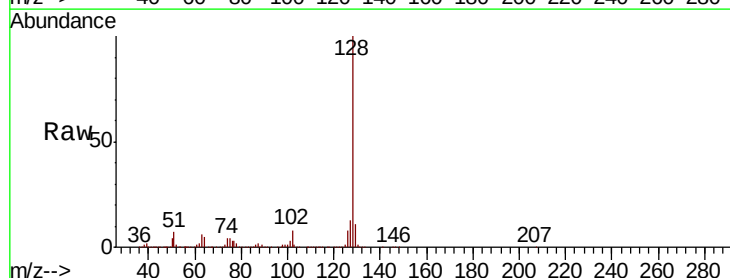
Tgt Ion:128 Resp: 624751

Ion Ratio Lower Upper

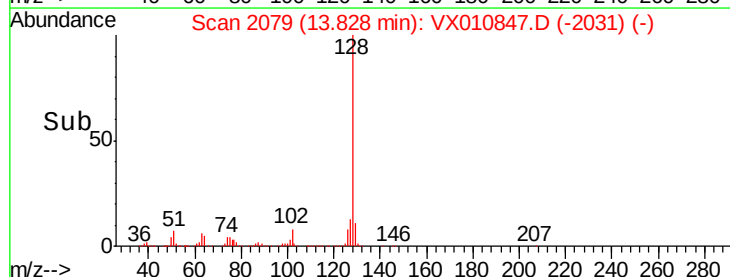
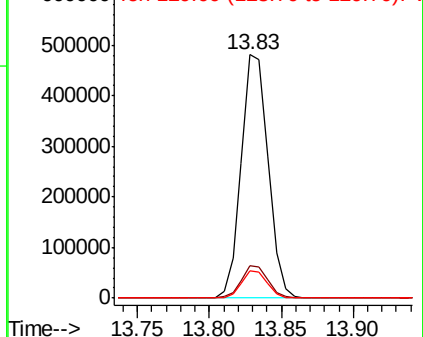
128 100

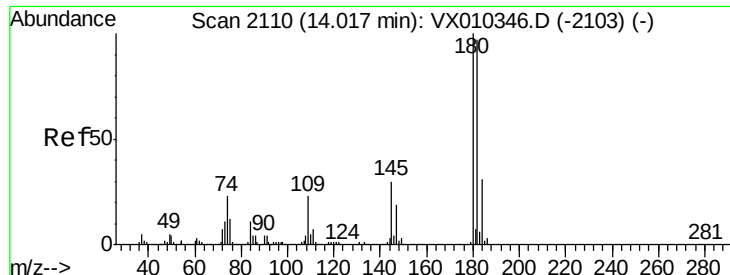
127 13.1 10.2 15.4

129 11.0 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

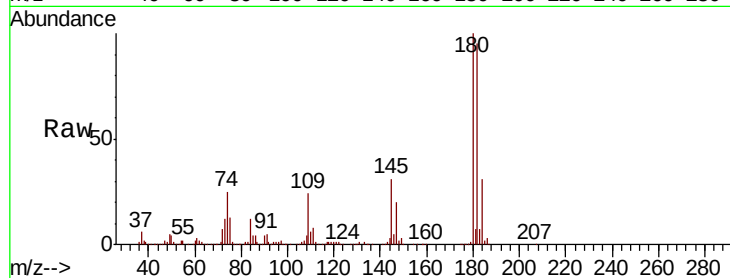




#96
 1,2,3-Trichlorobenzene
 Concen: 41.548 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. 0.00 min
 Lab File: VX010847.D
 Acq: 12 Jul 2019 19:33

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0583MS

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.6	47.8	143.3
145	32.6	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

