

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061319\
 Data File : VX010277.D
 Acq On : 13 Jun 2019 16:59
 Operator : JC/SP
 Sample : VX0613WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 14 03:35:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	335623	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	500367	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	452059	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	233859	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	149589	45.66	ug/l	0.00
Spiked Amount			Recovery	=	91.32%	
35) Dibromofluoromethane	5.50	113	146925	47.60	ug/l	0.00
Spiked Amount			Recovery	=	95.20%	
50) Toluene-d8	8.71	98	554128	47.90	ug/l	0.00
Spiked Amount			Recovery	=	95.80%	
62) 4-Bromofluorobenzene	11.13	95	201512	46.65	ug/l	0.00
Spiked Amount			Recovery	=	93.30%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	61593	19.945	ug/l	100
3) Chloromethane	1.33	50	55728	18.170	ug/l	97
4) Vinyl Chloride	1.41	62	57631	19.993	ug/l	97
5) Bromomethane	1.64	94	29213	26.857	ug/l	99
6) Chloroethane	1.72	64	32089	22.080	ug/l	96
7) Trichlorofluoromethane	1.93	101	89432	20.887	ug/l	99
8) Diethyl Ether	2.19	74	31379	21.263	ug/l	76
9) 1,1,2-Trichlorotrifluoroet	2.39	101	54462	18.452	ug/l	91
10) Methyl Iodide	2.51	142	80140	17.525	ug/l	96
11) Tert butyl alcohol	3.04	59	78397	97.686	ug/l	97
12) 1,1-Dichloroethene	2.37	96	53608	17.783	ug/l #	79
13) Acrolein	2.29	56	10813	73.891	ug/l	100
14) Allyl chloride	2.73	41	78917	17.342	ug/l #	88
15) Acrylonitrile	3.14	53	156251	95.253	ug/l	99
16) Acetone	2.45	43	143239	92.960	ug/l #	89
17) Carbon Disulfide	2.57	76	133523	15.329	ug/l	98
18) Methyl Acetate	2.78	43	66582	19.648	ug/l #	85
19) Methyl tert-butyl Ether	3.20	73	179214	18.504	ug/l	92
20) Methylene Chloride	2.85	84	61586	18.199	ug/l #	81
21) trans-1,2-Dichloroethene	3.17	96	56520	16.942	ug/l #	80
22) Diisopropyl ether	3.85	45	165630	19.037	ug/l #	93
23) Vinyl Acetate	3.81	43	716211	92.277	ug/l #	88
24) 1,1-Dichloroethane	3.70	63	95582	18.094	ug/l	94
25) 2-Butanone	4.67	43	218831	95.372	ug/l #	81
26) 2,2-Dichloropropane	4.59	77	81079	16.825	ug/l	92
27) cis-1,2-Dichloroethene	4.60	96	69002	18.592	ug/l	77
28) Bromochloromethane	5.02	49	33293	14.063	ug/l #	51
29) Tetrahydrofuran	5.13	42	133949	92.892	ug/l #	74
30) Chloroform	5.21	83	101282	18.462	ug/l	99
31) Cyclohexane	5.58	56	84197	17.661	ug/l #	77
32) 1,1,1-Trichloroethane	5.49	97	90289	17.507	ug/l #	94
36) 1,1-Dichloropropene	5.80	75	71494	17.513	ug/l	92
37) Ethyl Acetate	4.83	43	79678	18.759	ug/l #	90
38) Carbon Tetrachloride	5.79	117	78784	17.051	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	94307	16.966	ug/l #	81
40) Benzene	6.14	78	234344	18.565	ug/l	99
41) Methacrylonitrile	5.04	41	41733	18.164	ug/l #	83
42) 1,2-Dichloroethane	6.20	62	72354	17.954	ug/l	94
43) Isopropyl Acetate	6.45	43	129270	18.203	ug/l #	88
44) Trichloroethene	7.21	130	68401	17.977	ug/l	88
45) 1,2-Dichloropropane	7.51	63	58973	18.666	ug/l	97
46) Dibromomethane	7.66	93	41910	17.706	ug/l	91
47) Bromodichloromethane	7.90	83	76802	17.364	ug/l #	98
48) Methyl methacrylate	7.77	41	60451	18.201	ug/l #	77
49) 1,4-Dioxane	7.74	88	32708	345.411	ug/l #	79
51) 4-Methyl-2-Pentanone	8.64	43	416764	98.234	ug/l	91
52) Toluene	8.79	92	151491	18.257	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	86219	16.853	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	94494	17.229	ug/l	90
55) 1,1,2-Trichloroethane	9.21	97	63957	18.820	ug/l	96
56) Ethyl methacrylate	9.18	69	98868	18.418	ug/l #	82
57) 1,3-Dichloropropane	9.37	76	98925	18.491	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	233268	92.177	ug/l #	86
59) 2-Hexanone	9.49	43	324592	95.958	ug/l	88
60) Dibromochloromethane	9.58	129	68525	17.048	ug/l	99
61) 1,2-Dibromoethane	9.67	107	67764	17.904	ug/l	97
64) Tetrachloroethene	9.34	164	66314	19.751	ug/l	98
65) Chlorobenzene	10.14	112	172931	18.535	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	64137	17.875	ug/l	98
67) Ethyl Benzene	10.25	91	293079	18.452	ug/l	95
68) m/p-Xylenes	10.36	106	226505	36.852	ug/l	90
69) o-Xylene	10.69	106	112346	18.388	ug/l	88
70) Styrene	10.71	104	189992	18.361	ug/l	95
71) Bromoform	10.85	173	55408	16.798	ug/l #	98
73) Isopropylbenzene	11.02	105	293818	17.998	ug/l	95
74) N-amyl acetate	10.90	43	117473	18.204	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	11.27	83	99957	17.887	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	110172	23.553	ug/l	84
77) Bromobenzene	11.26	156	81844	18.231	ug/l	79
78) n-propylbenzene	11.36	91	330277	18.173	ug/l	95
79) 2-Chlorotoluene	11.42	91	192631	17.648	ug/l	90
80) 1,3,5-Trimethylbenzene	11.51	105	244931	17.813	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	32656	15.425	ug/l	88
82) 4-Chlorotoluene	11.51	91	221636	17.875	ug/l	91
83) tert-Butylbenzene	11.77	119	247582	17.790	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	249547	17.968	ug/l	96
85) sec-Butylbenzene	11.94	105	289931	17.882	ug/l	96
86) p-Isopropyltoluene	12.06	119	269923	18.211	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	143471	18.144	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	146356	18.360	ug/l	97
89) n-Butylbenzene	12.38	91	234528	18.382	ug/l	97
90) Hexachloroethane	12.60	117	45661	15.464	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	145147	18.881	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	21167	16.097	ug/l	64

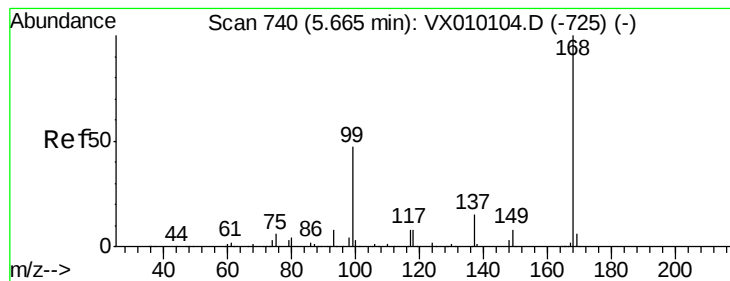
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	104463	18.564	ug/l	99
94) Hexachlorobutadiene	13.78	225	47132	18.833	ug/l	100
95) Naphthalene	13.83	128	335130	18.919	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	103170	18.543	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX010277.D

Acq: 13 Jun 2019 16:59

Instrument :

MSVOA_X

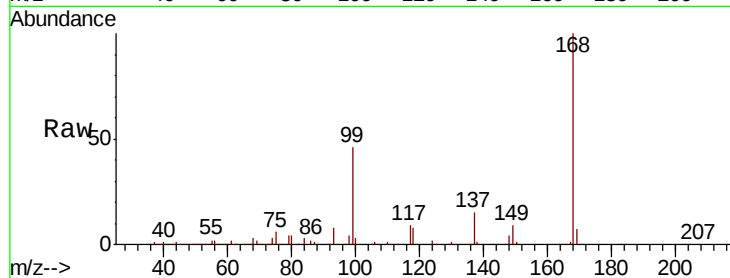
ClientSampleId :

Tot Ion:168 Resp: 335623

Ion Ratio Lower Upper

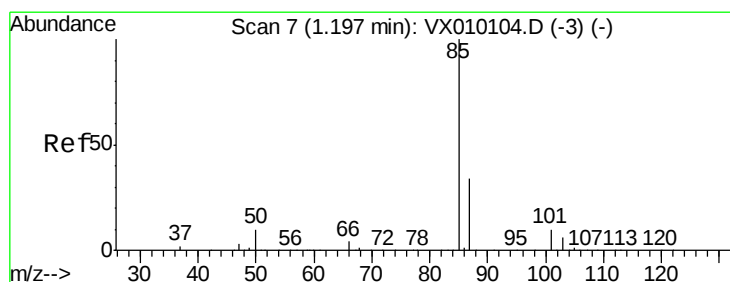
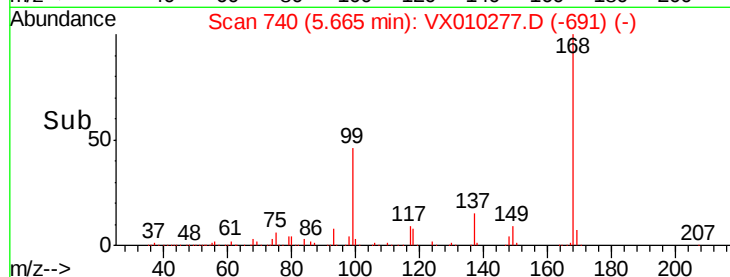
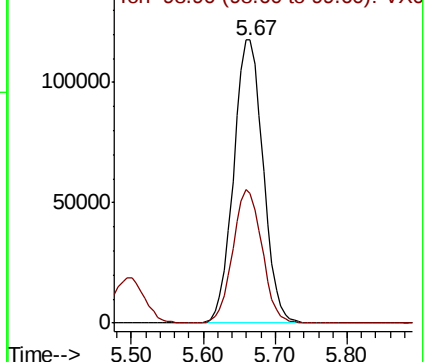
168 100

99 45.7 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 19.945 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX010277.D

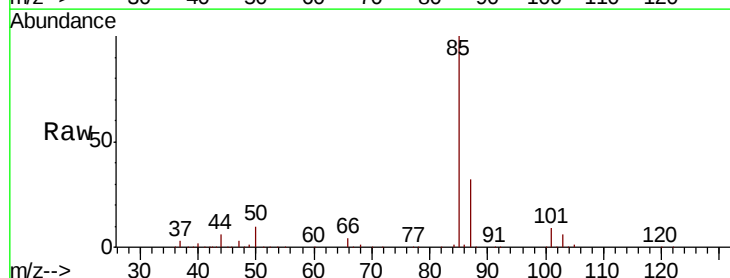
Acq: 13 Jun 2019 16:59

Tgt Ion: 85 Resp: 61593

Ion Ratio Lower Upper

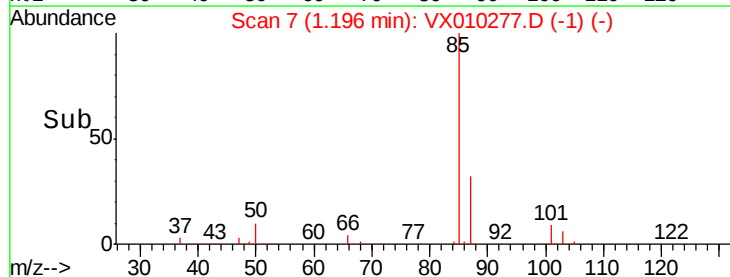
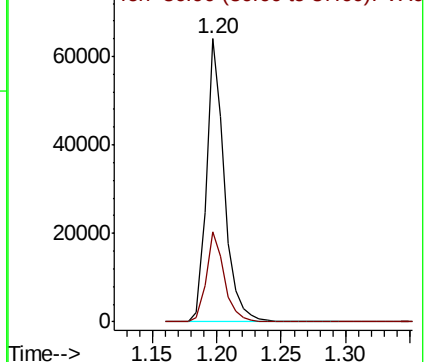
85 100

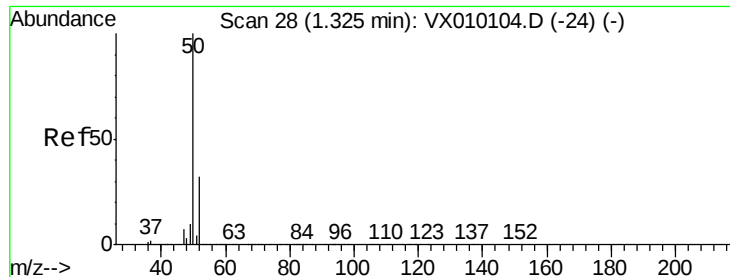
87 31.8 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 18.170 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010277.D

Acq: 13 Jun 2019 16:59

Instrument :

MSVOA_X

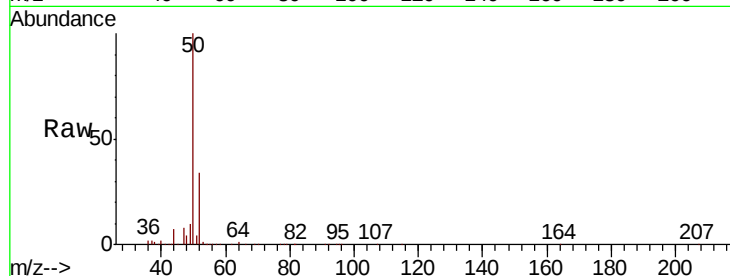
ClientSampled :

Tot Ion: 50 Resp: 55728

Ion Ratio Lower Upper

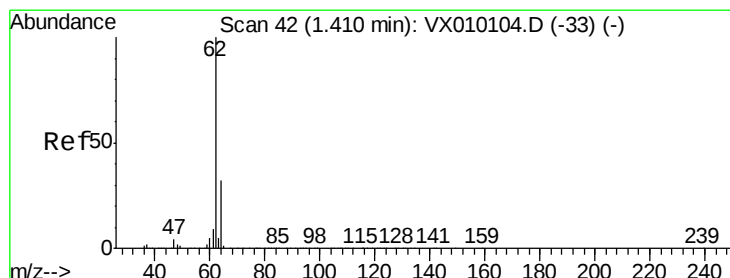
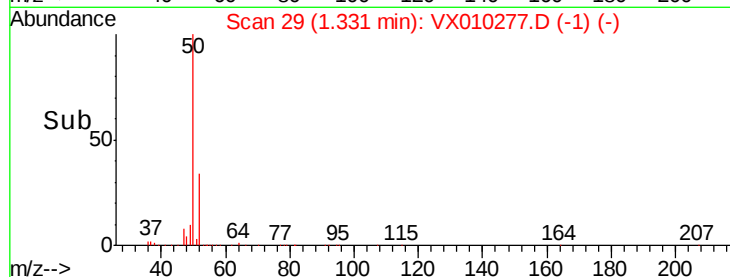
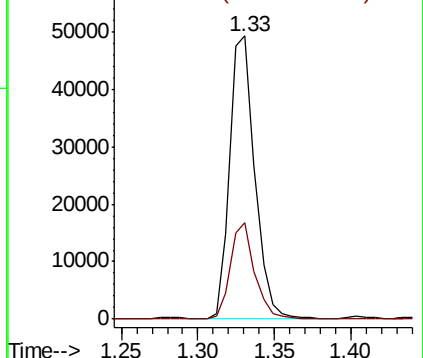
50 100

52 34.2 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.993 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010277.D

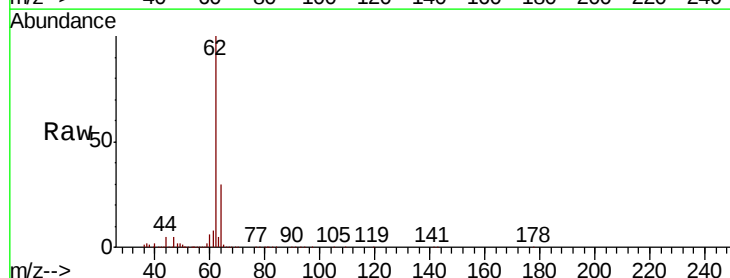
Acq: 13 Jun 2019 16:59

Tgt Ion: 62 Resp: 57631

Ion Ratio Lower Upper

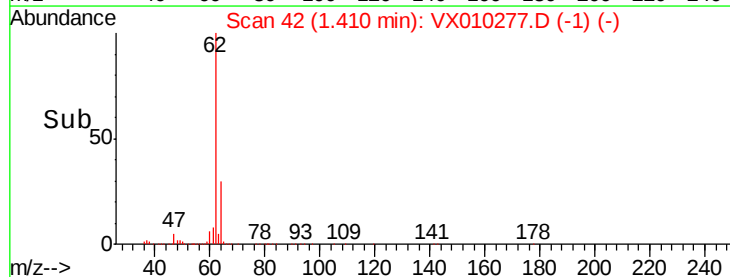
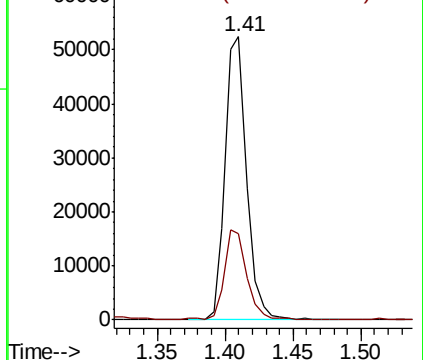
62 100

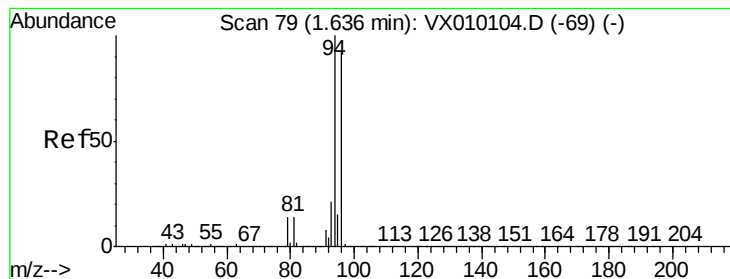
64 30.2 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 26.857 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX010277.D

Acq: 13 Jun 2019 16:59

Instrument :

MSVOA_X

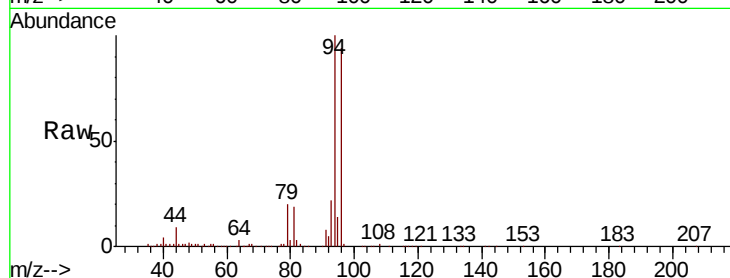
ClientSampleId :

Tot Ion: 94 Resp: 29213

Ion Ratio Lower Upper

94 100

96 94.2 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

25000

20000

15000

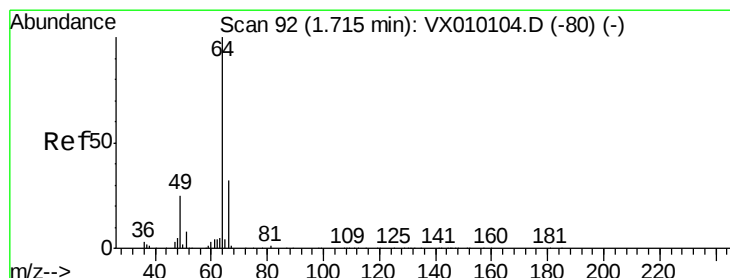
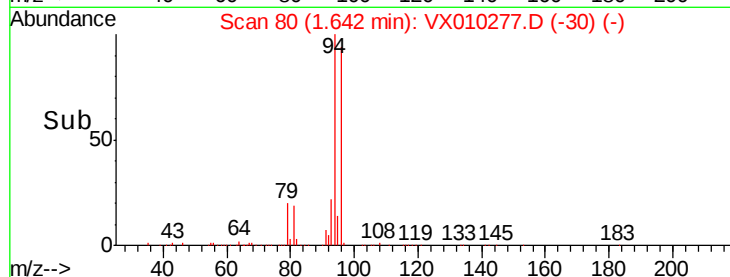
10000

5000

0

Time-->

1.60 1.65 1.70 1.75



#6

Chloroethane

Concen: 22.080 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX010277.D

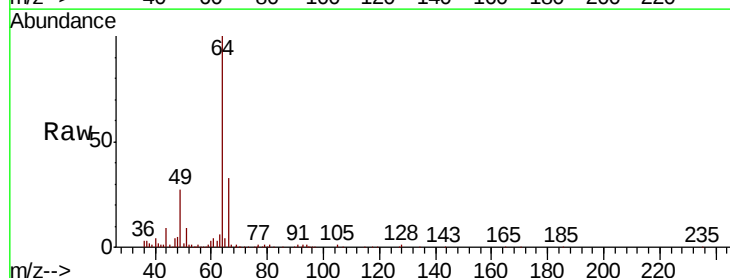
Acq: 13 Jun 2019 16:59

Tgt Ion: 64 Resp: 32089

Ion Ratio Lower Upper

64 100

66 33.4 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

25000

20000

15000

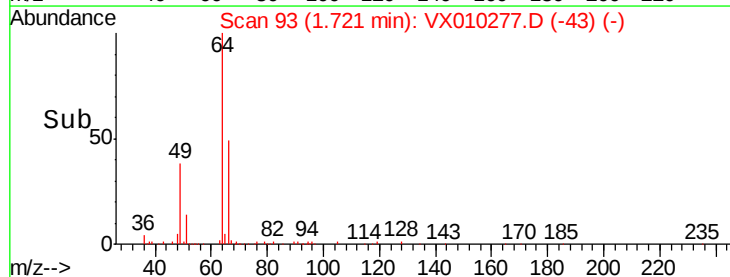
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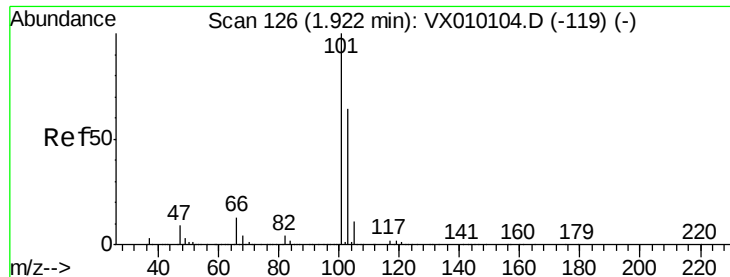
5000

0

Time-->

1.65 1.70 1.75 1.80



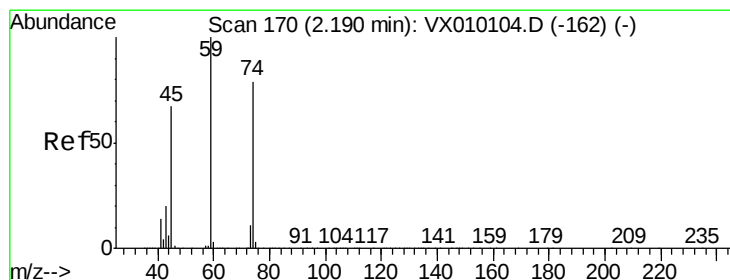
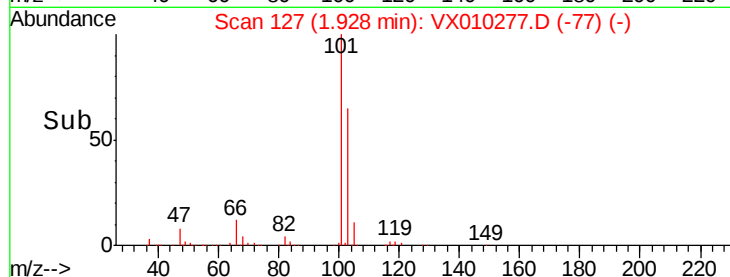
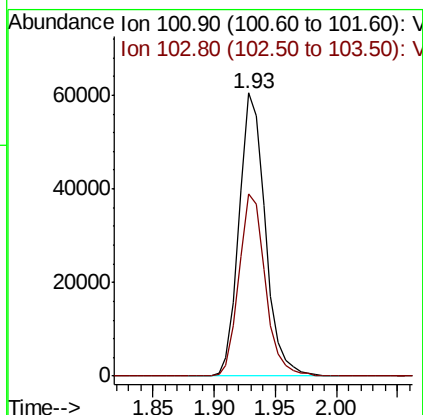
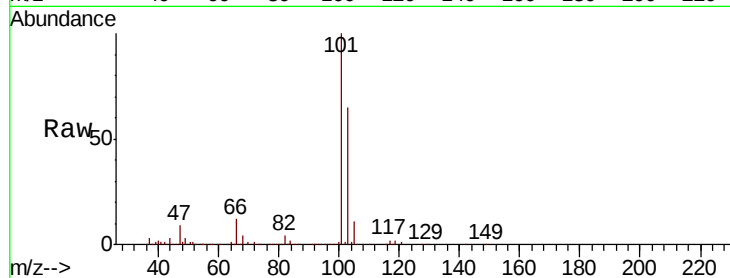


#7

Trichlorofluoromethane
Concen: 20.887 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX010277.D
Acq: 13 Jun 2019 16:59

Instrument :
MSVOA_X
ClientSampleId :

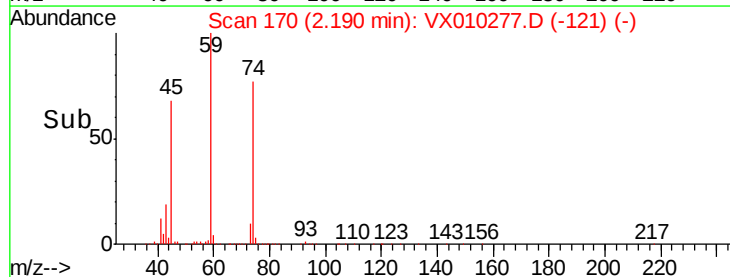
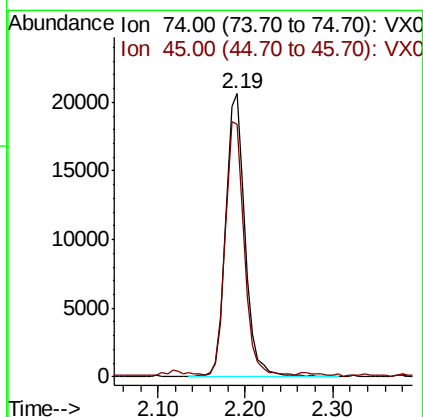
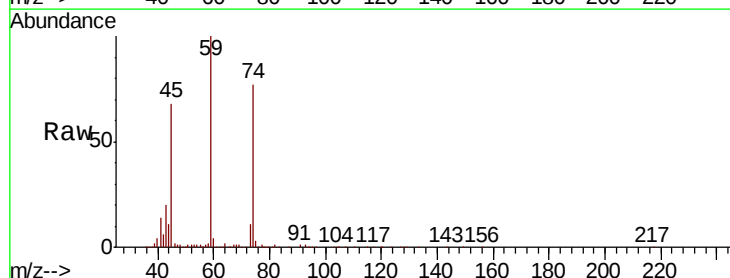
Tot Ion:101 Resp: 89432
Ion Ratio Lower Upper
101 100
103 64.5 52.2 78.4

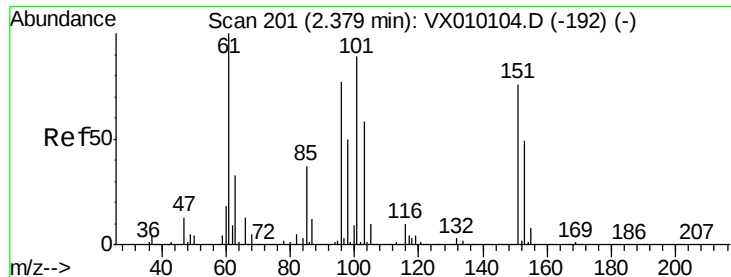


#8

Diethyl Ether
Concen: 21.263 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX010277.D
Acq: 13 Jun 2019 16:59

Tgt Ion: 74 Resp: 31379
Ion Ratio Lower Upper
74 100
45 86.8 56.1 168.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.452 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX010277.D

Acq: 13 Jun 2019 16:59

Instrument :

MSVOA_X

ClientSampleId :

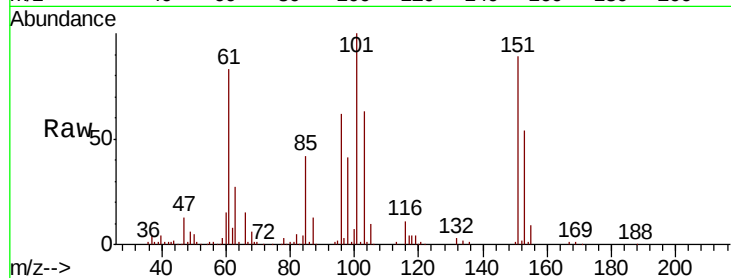
Tot Ion:101 Resp: 54462

Ion Ratio Lower Upper

101 100

85 40.6 35.2 52.8

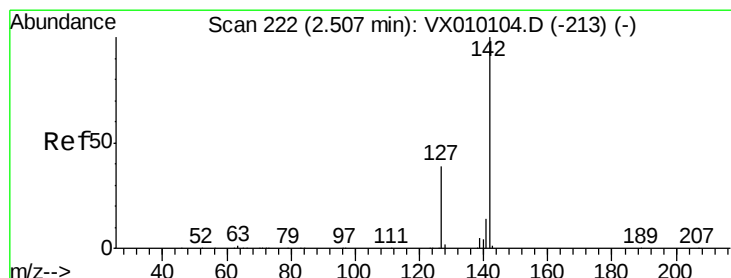
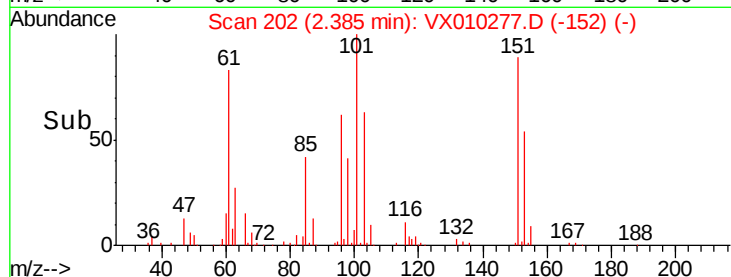
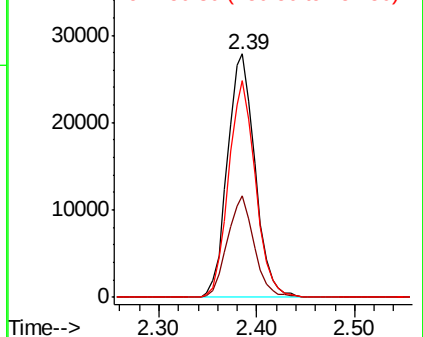
151 87.0 61.9 92.9



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: 17.525 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX010277.D

Acq: 13 Jun 2019 16:59

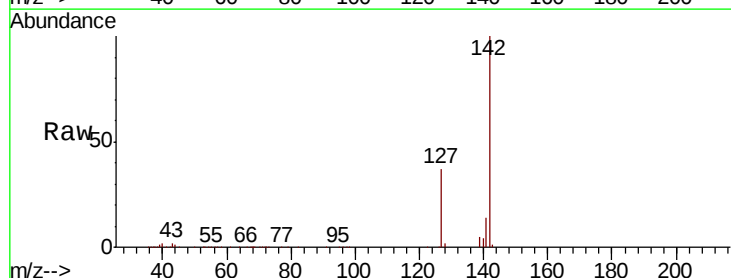
Tgt Ion:142 Resp: 80140

Ion Ratio Lower Upper

142 100

127 38.1 33.0 49.4

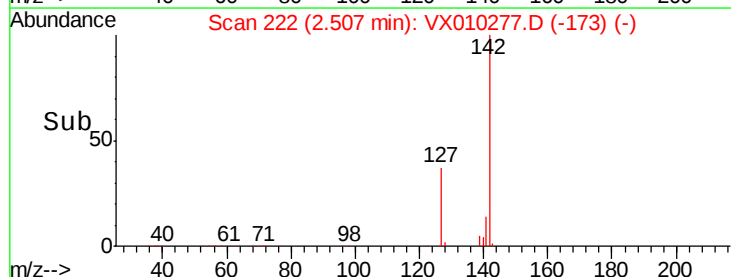
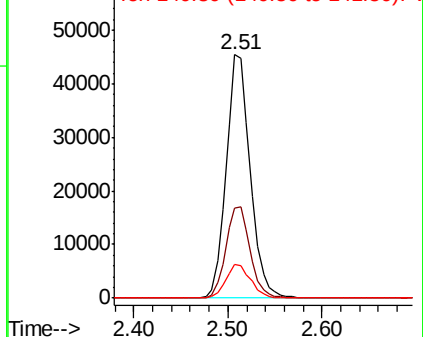
141 14.0 11.4 17.0

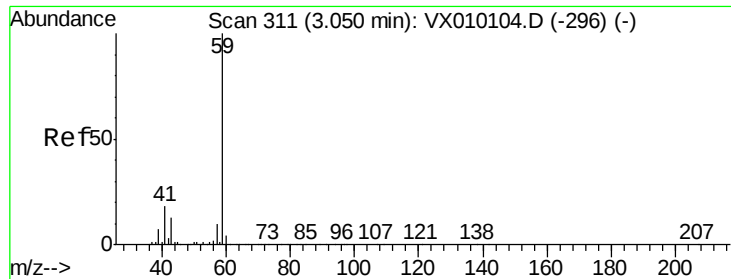


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



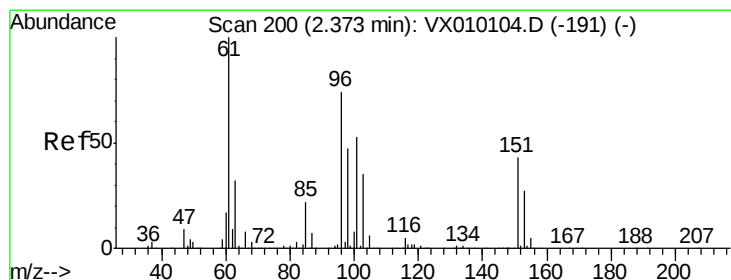
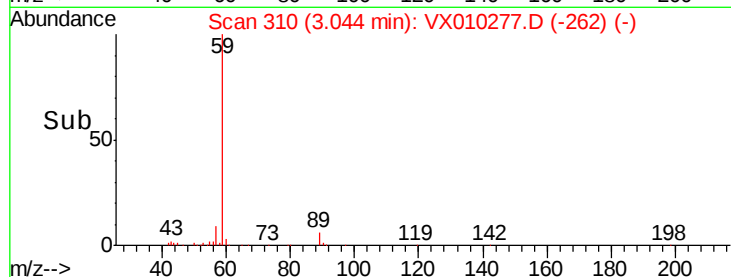
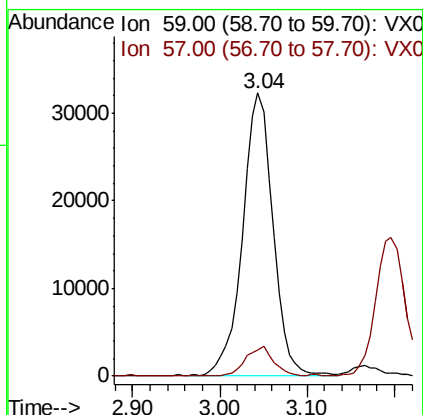
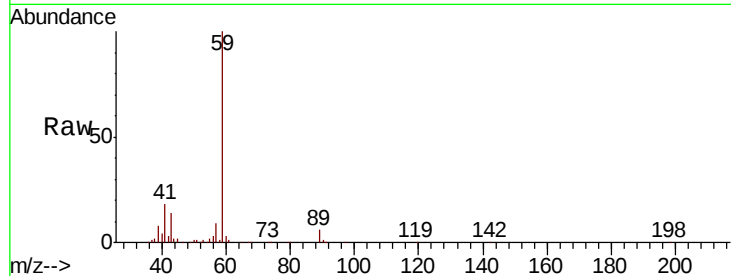


#11

Tert butyl alcohol
Concen: 97.686 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX010277.D
Acq: 13 Jun 2019 16:59

Instrument :
MSVOA_X
ClientSampleId :

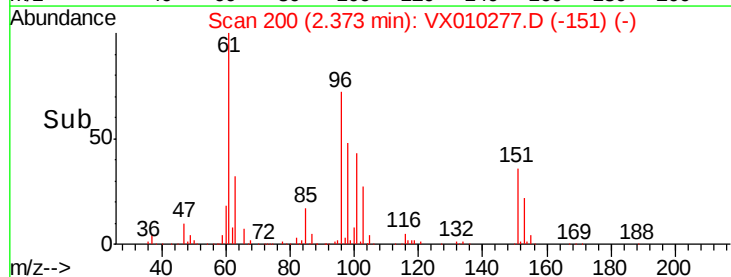
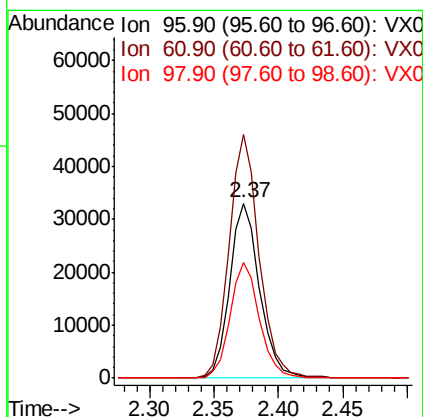
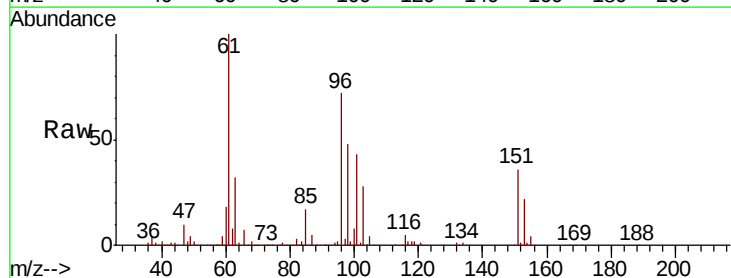
Tot Ion: 59 Resp: 78397
Ion Ratio Lower Upper
59 100
57 9.1 8.2 12.2

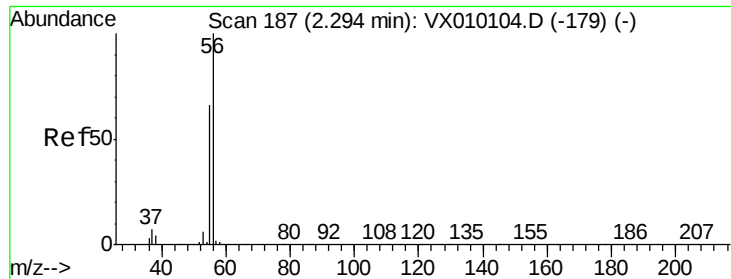


#12

1,1-Dichloroethene
Concen: 17.783 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX010277.D
Acq: 13 Jun 2019 16:59

Tgt Ion: 96 Resp: 53608
Ion Ratio Lower Upper
96 100
61 138.9 140.7 211.1#
98 66.1 50.1 75.1





#13

Acrolein

Concen: 73.891 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX010277.D

Acq: 13 Jun 2019 16:59

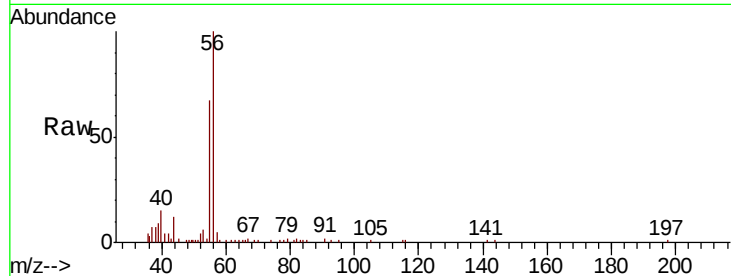
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 10813

Ion Ratio Lower Upper

56 100

55 70.9 57.0 85.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

8000

6000

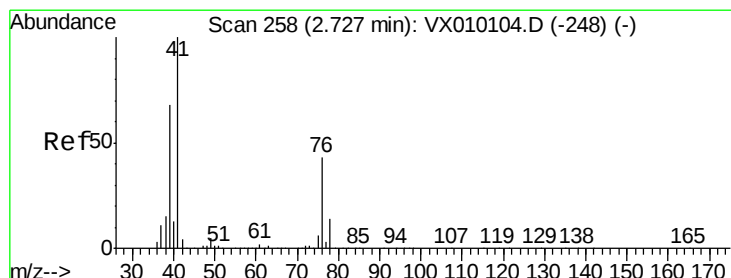
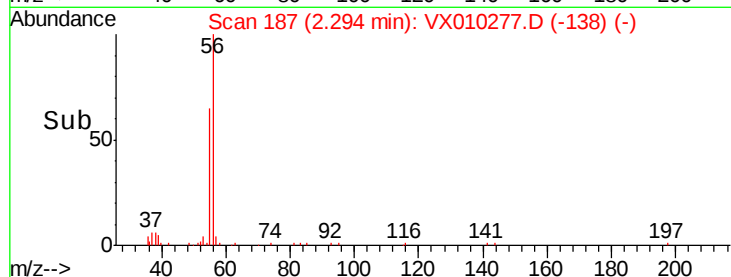
4000

2000

0

Time-->

2.20 2.25 2.30 2.35 2.40



#14

Allyl chloride

Concen: 17.342 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX010277.D

Acq: 13 Jun 2019 16:59

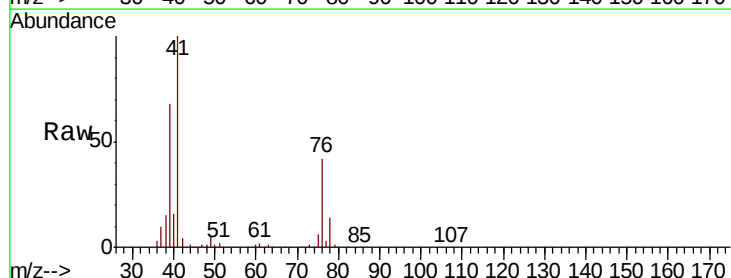
Tgt Ion: 41 Resp: 78917

Ion Ratio Lower Upper

41 100

39 62.7 46.7 70.1

76 39.3 21.0 31.4#



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

100000

80000

60000

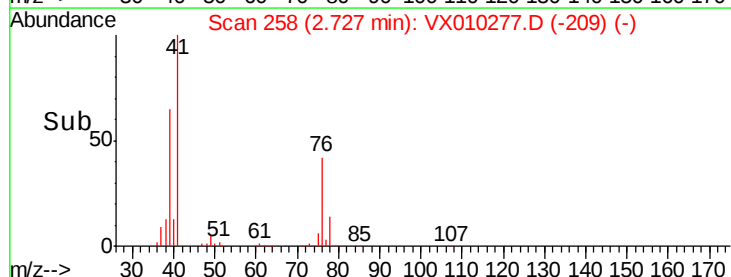
40000

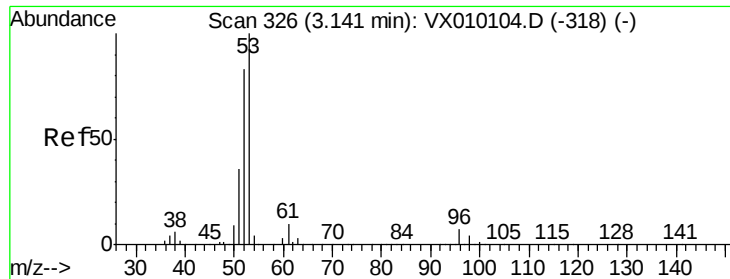
20000

0

Time-->

2.60 2.70 2.80

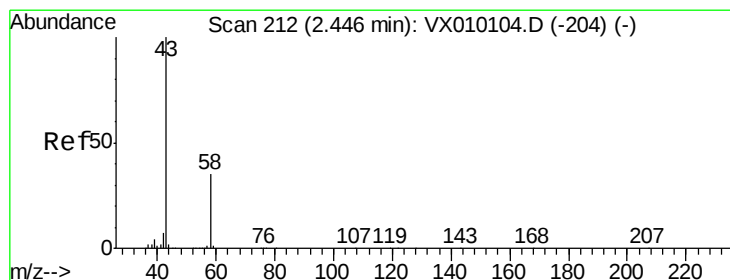
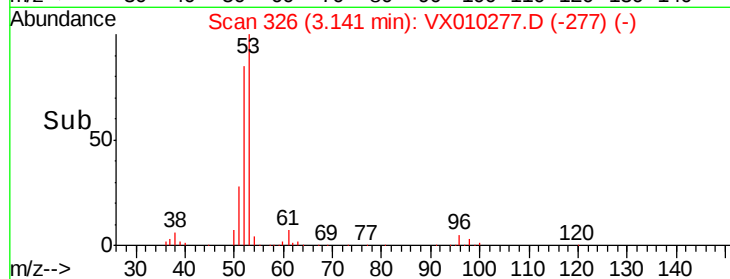
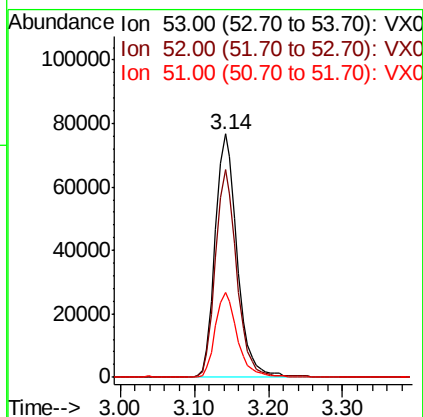
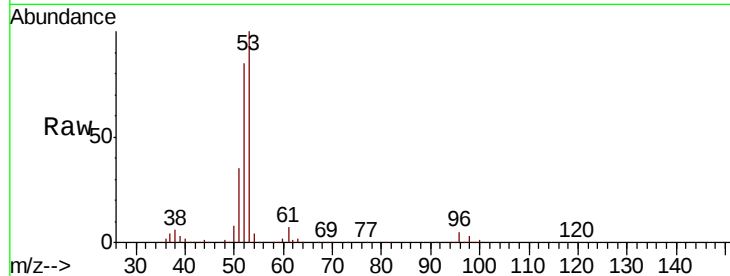




#15
 Acrylonitrile
 Concen: 95.253 ug/l
 RT: 3.14 min Scan# 326
 Delta R.T. -0.00 min
 Lab File: VX010277.D
 Acq: 13 Jun 2019 16:59

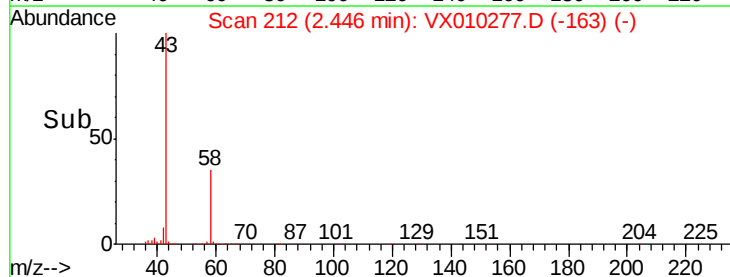
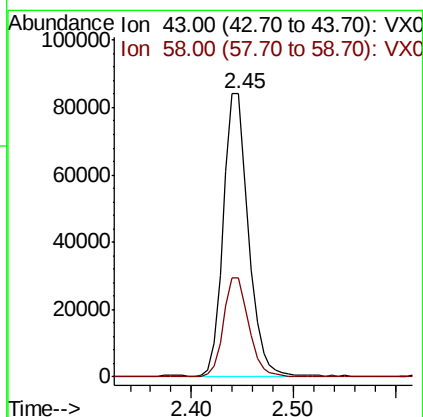
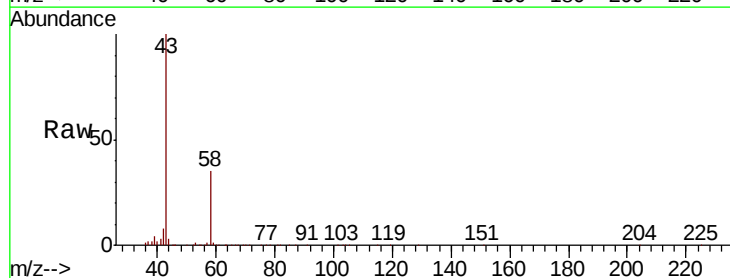
Instrument :
 MSVOA_X
 ClientSampled :

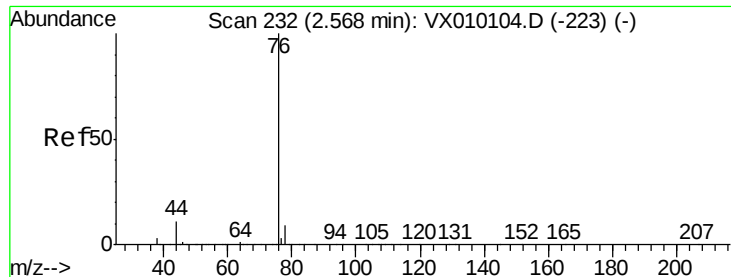
Tot Ion: 53 Resp: 156251
 Ion Ratio Lower Upper
 53 100
 52 83.1 66.7 100.1
 51 35.0 28.8 43.2



#16
 Acetone
 Concen: 92.960 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX010277.D
 Acq: 13 Jun 2019 16:59

Tgt Ion: 43 Resp: 143239
 Ion Ratio Lower Upper
 43 100
 58 34.9 23.2 34.8#

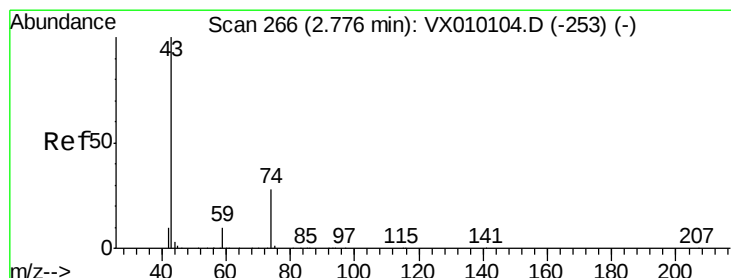
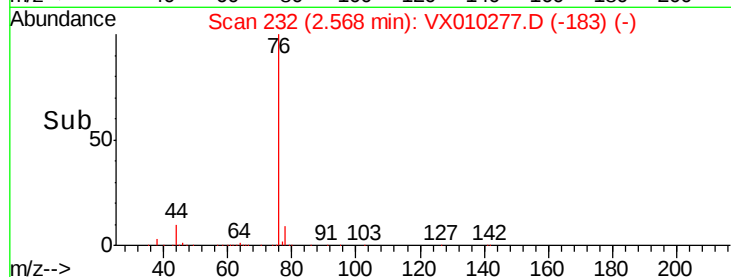
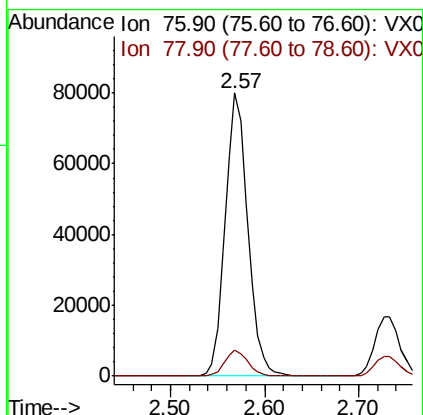
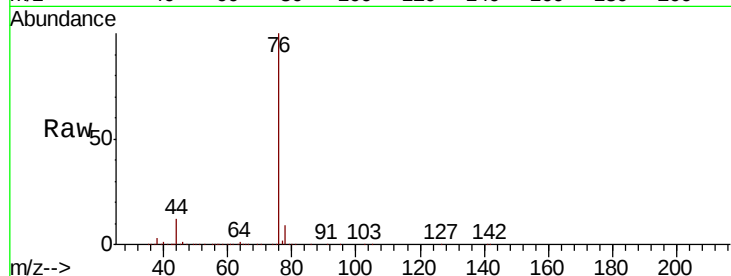




#17
Carbon Disulfide
Concen: 15.329 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX010277.D
Acq: 13 Jun 2019 16:59

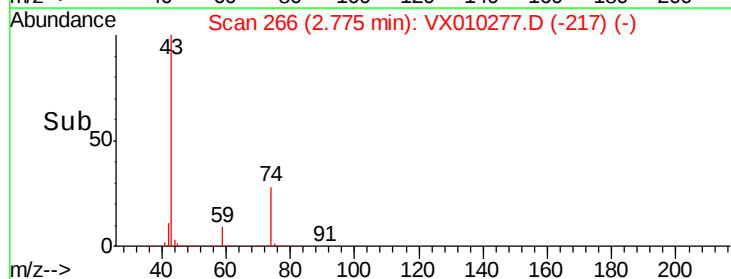
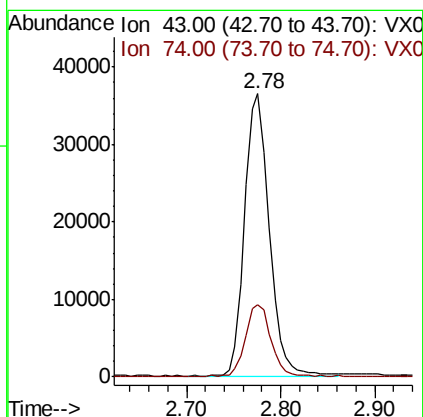
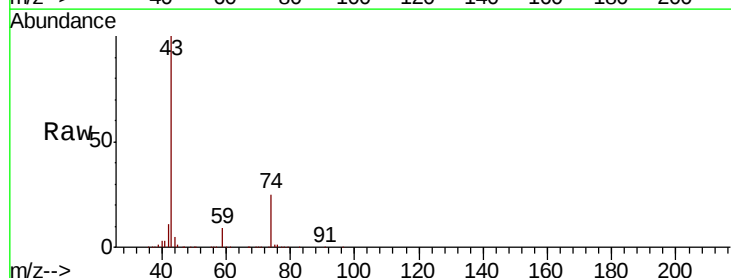
Instrument :
MSVOA_X
ClientSampleId :

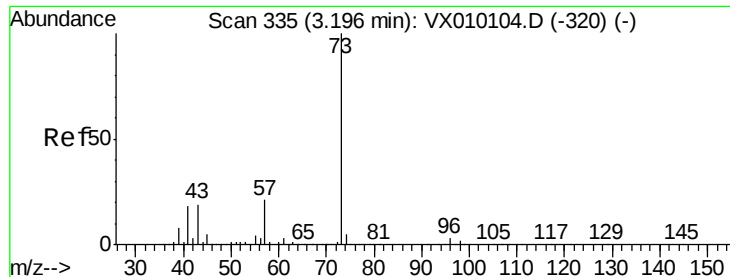
Tot Ion: 76 Resp: 133523
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.6



#18
Methyl Acetate
Concen: 19.648 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX010277.D
Acq: 13 Jun 2019 16:59

Tgt Ion: 43 Resp: 66582
Ion Ratio Lower Upper
43 100
74 26.7 15.8 23.6#



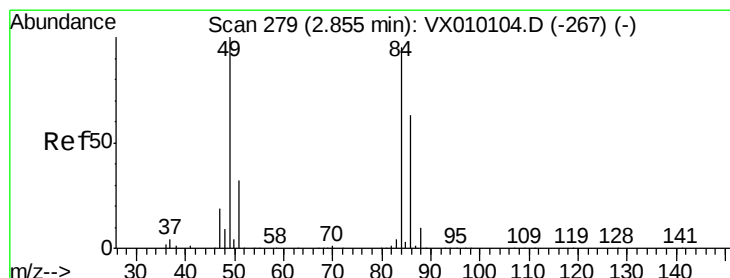
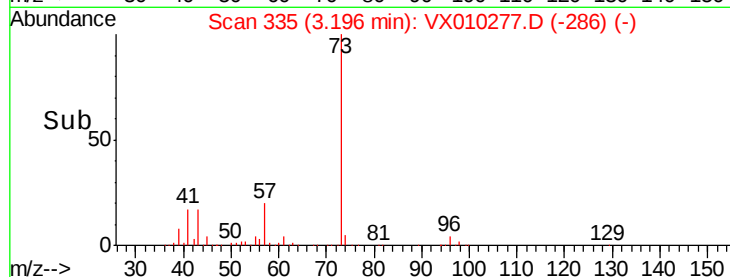
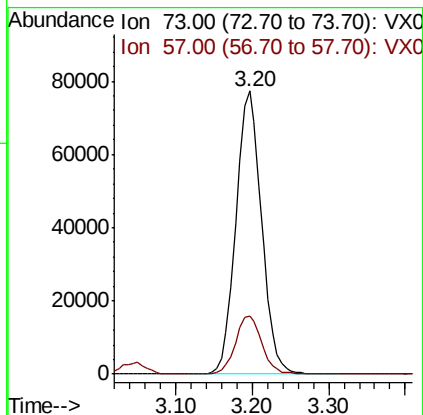
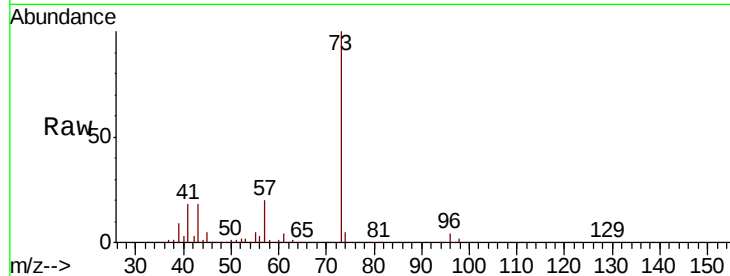


#19

Methyl tert-butyl Ether
 Concen: 18.504 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. -0.00 min
 Lab File: VX010277.D
 Acq: 13 Jun 2019 16:59

Instrument :
 MSVOA_X
 ClientSampleId :

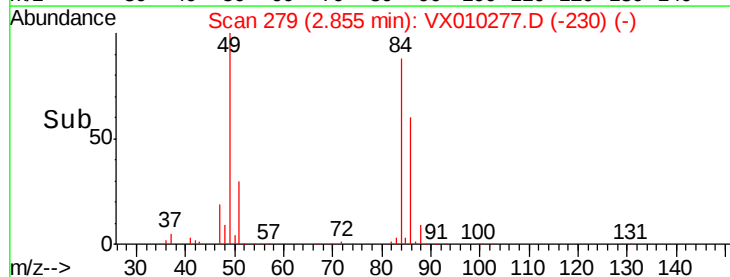
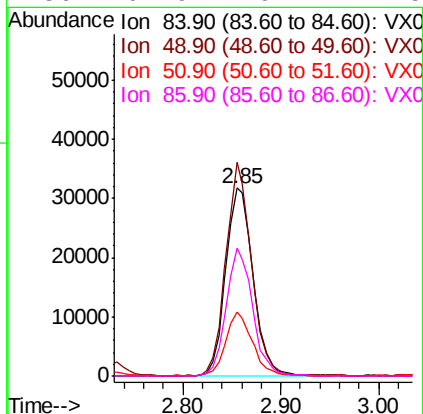
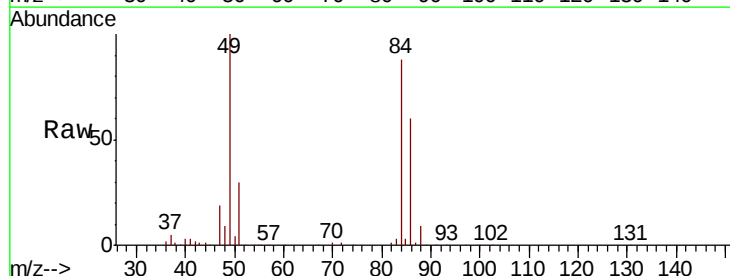
Tot Ion: 73 Resp: 179214
 Ion Ratio Lower Upper
 73 100
 57 20.3 19.4 29.2

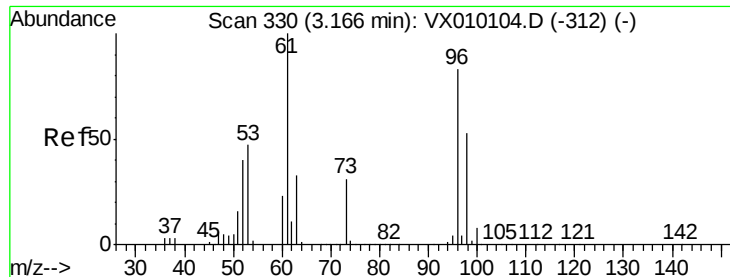


#20

Methylene Chloride
 Concen: 18.199 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX010277.D
 Acq: 13 Jun 2019 16:59

Tgt Ion: 84 Resp: 61586
 Ion Ratio Lower Upper
 84 100
 49 113.3 115.8 173.6#
 51 34.2 34.4 51.6#
 86 67.9 49.7 74.5





#21

trans-1,2-Dichloroethene

Concen: 16.942 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX010277.D

Acq: 13 Jun 2019 16:59

Instrument :

MSVOA_X

ClientSampleId :

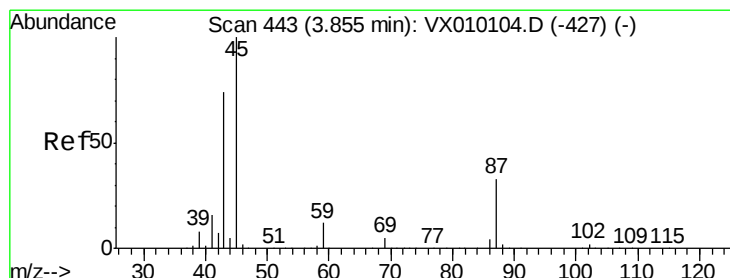
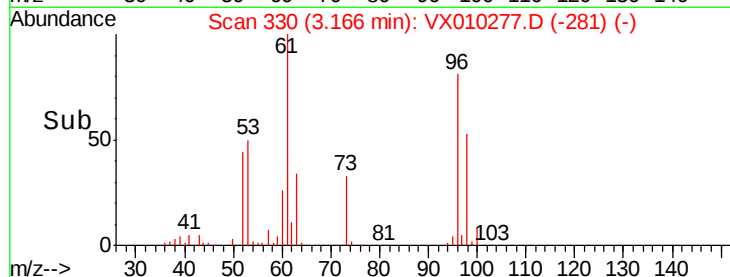
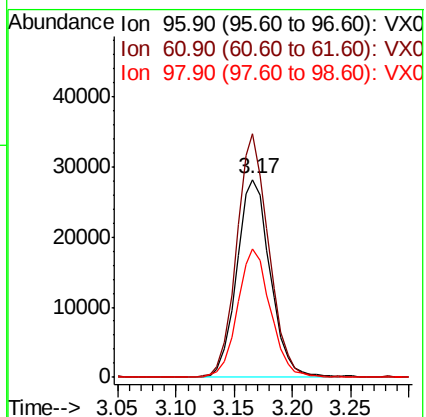
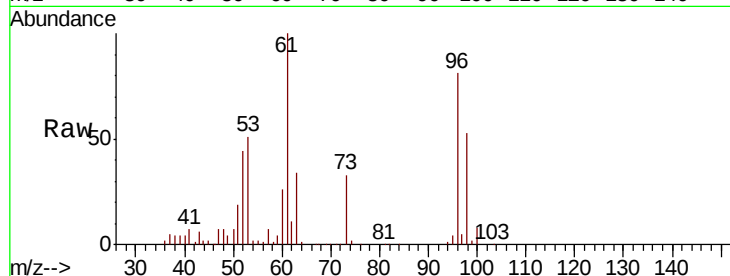
Tot Ion: 96 Resp: 56520

Ion Ratio Lower Upper

96 100

61 122.9 125.7 188.5#

98 64.8 49.0 73.6



#22

Diisopropyl ether

Concen: 19.037 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX010277.D

Acq: 13 Jun 2019 16:59

Tgt Ion: 45 Resp: 165630

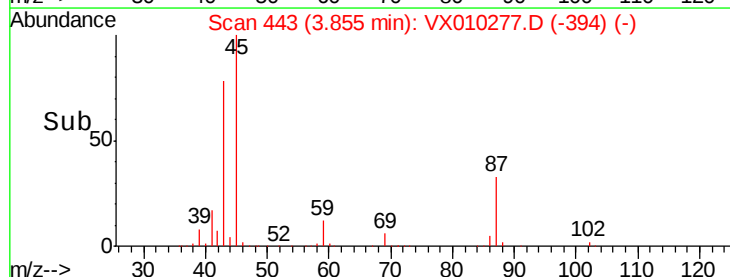
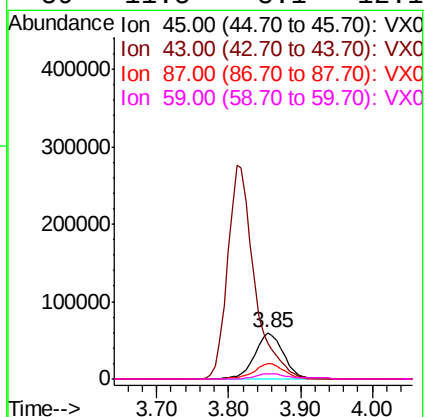
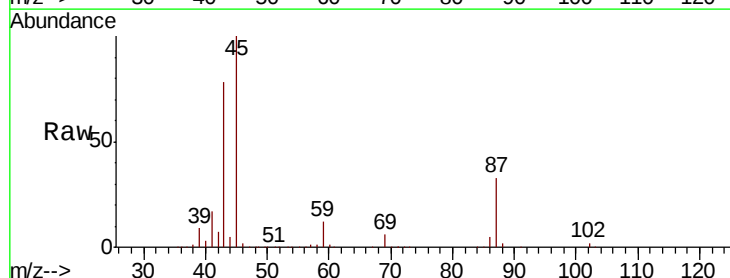
Ion Ratio Lower Upper

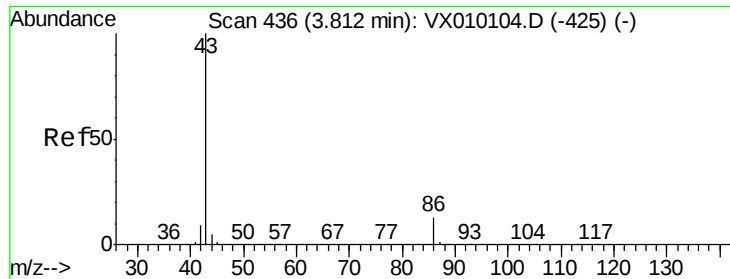
45 100

43 78.1 65.0 97.4

87 32.5 17.3 25.9#

59 11.5 8.1 12.1





#23

Vinyl Acetate

Concen: 92.277 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.00 min

Lab File: VX010277.D

Acq: 13 Jun 2019 16:59

Instrument :

MSVOA_X

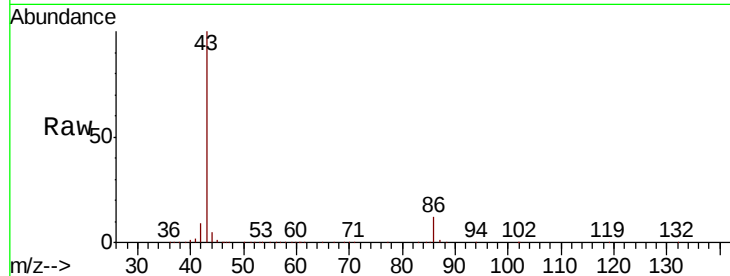
ClientSampled :

Tot Ion: 43 Resp: 716211

Ion Ratio Lower Upper

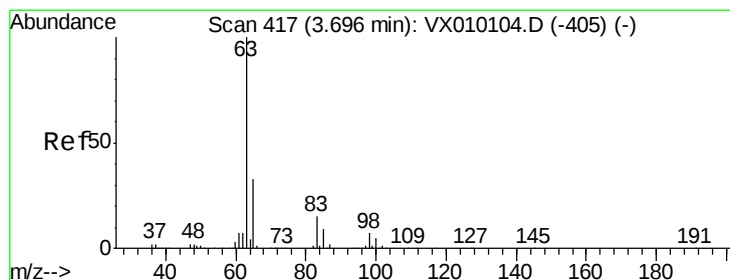
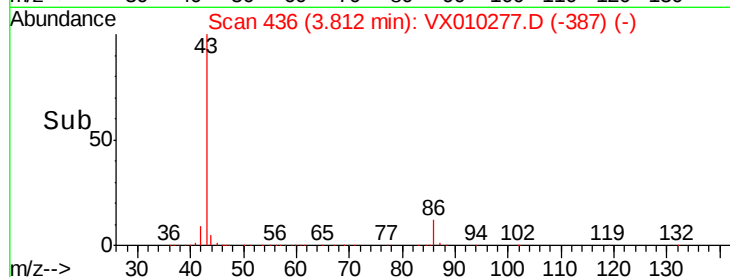
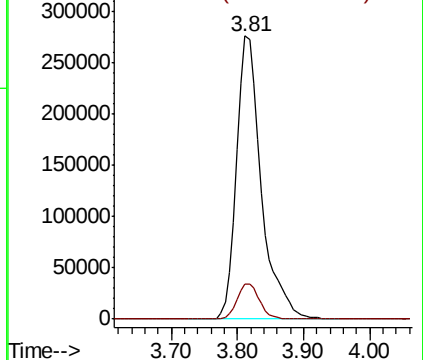
43 100

86 12.4 6.5 9.7#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 18.094 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX010277.D

Acq: 13 Jun 2019 16:59

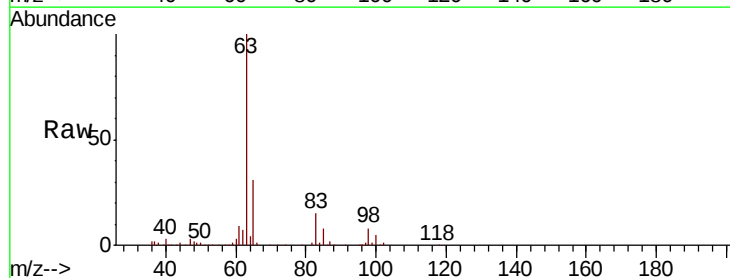
Tgt Ion: 63 Resp: 95582

Ion Ratio Lower Upper

63 100

98 8.2 2.9 8.8

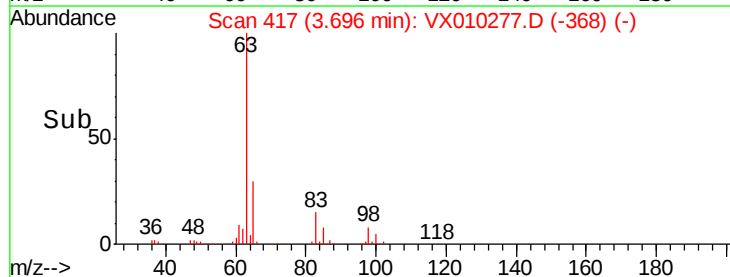
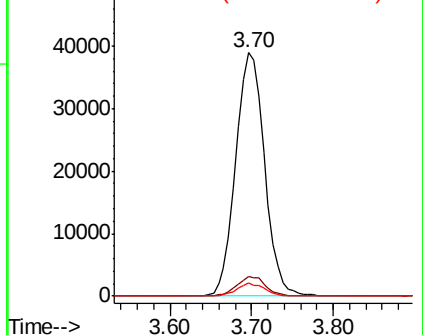
100 5.3 1.8 5.4

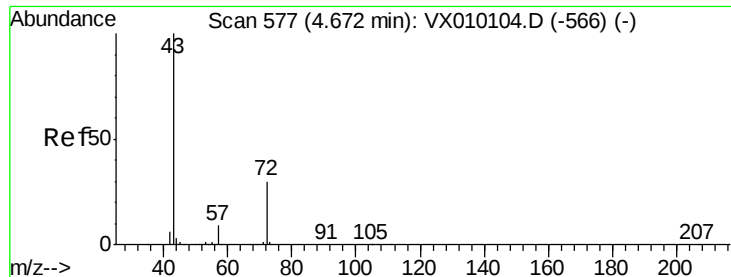


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 95.372 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX010277.D

Acq: 13 Jun 2019 16:59

Instrument :

MSVOA_X

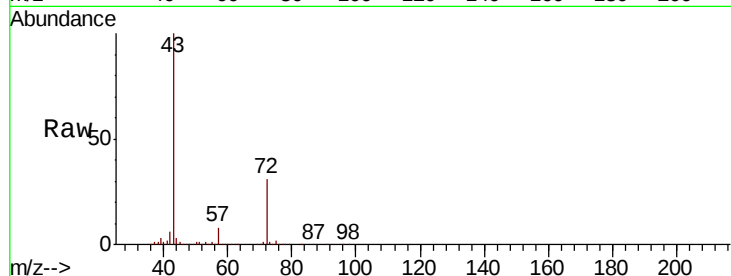
ClientSampled :

Tot Ion: 43 Resp: 218831

Ion Ratio Lower Upper

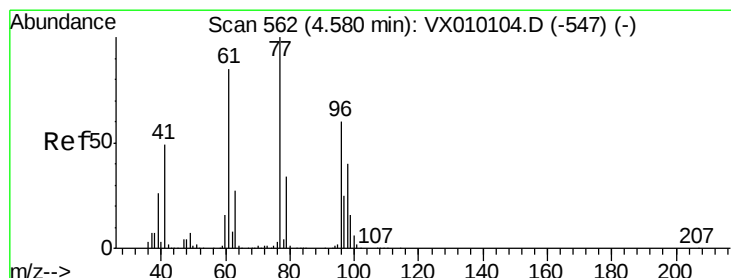
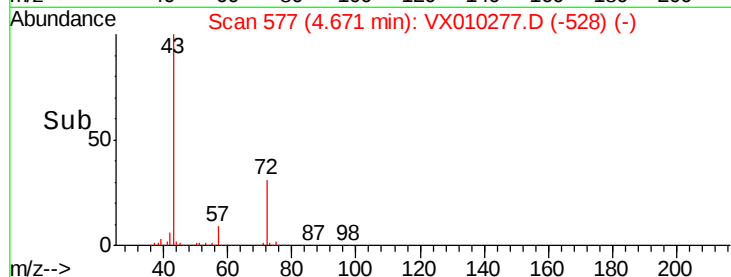
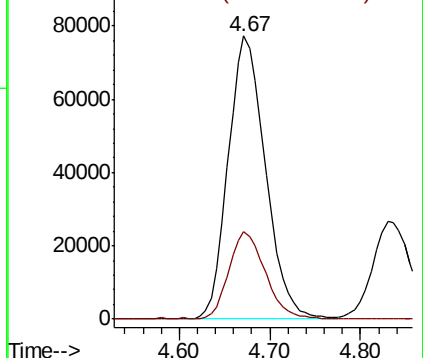
43 100

72 31.1 17.5 26.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 16.825 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX010277.D

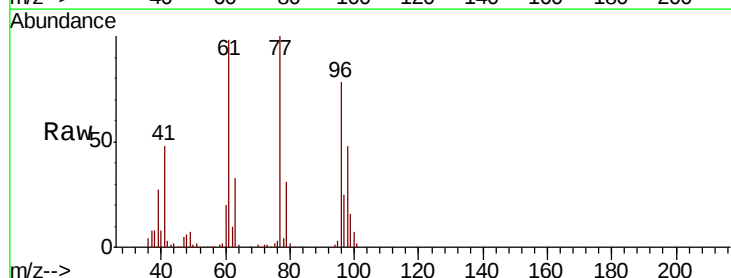
Acq: 13 Jun 2019 16:59

Tgt Ion: 77 Resp: 81079

Ion Ratio Lower Upper

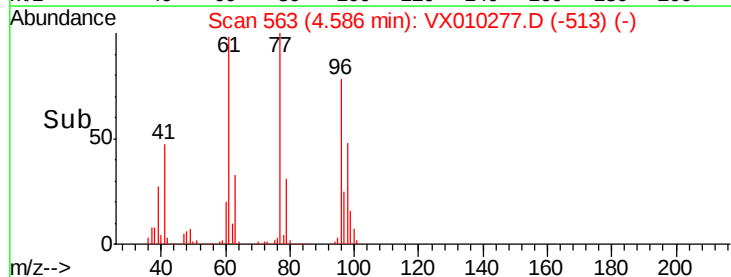
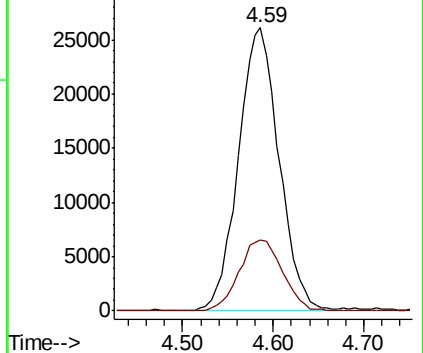
77 100

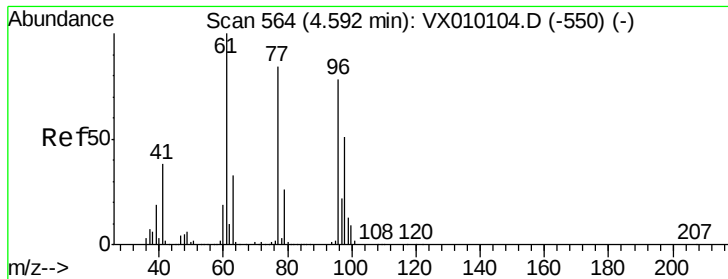
97 26.7 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



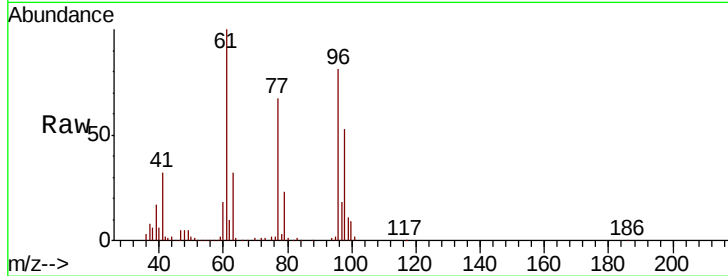


#27

cis-1,2-Dichloroethene
 Concen: 18.592 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: VX010277.D
 Acq: 13 Jun 2019 16:59

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	125.1	0.0	334.0
98	63.9	0.0	131.6

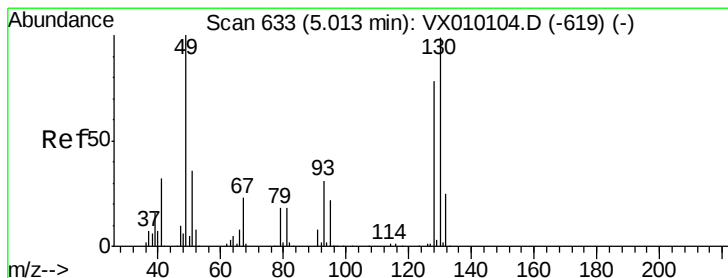
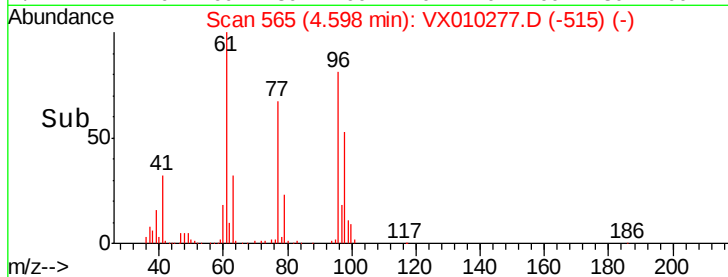
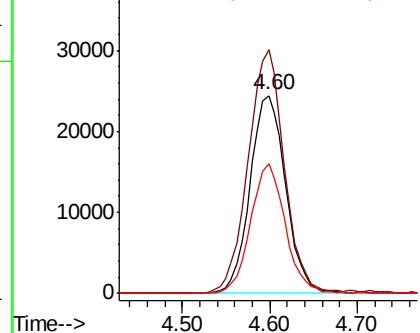


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

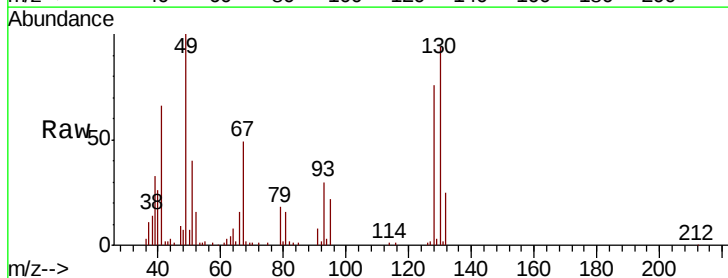
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
 Concen: 14.063 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.01 min
 Lab File: VX010277.D
 Acq: 13 Jun 2019 16:59

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.9	0.0	3.4
130	100.2	49.4	74.2#

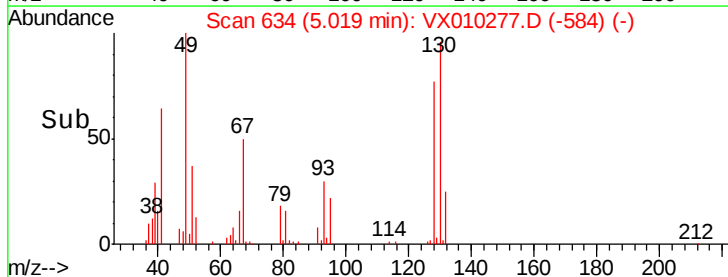
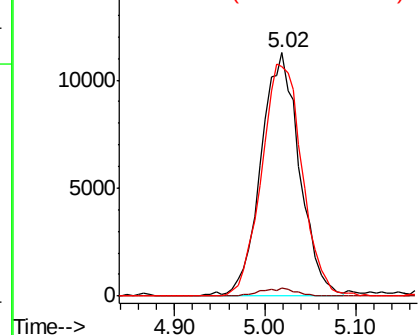


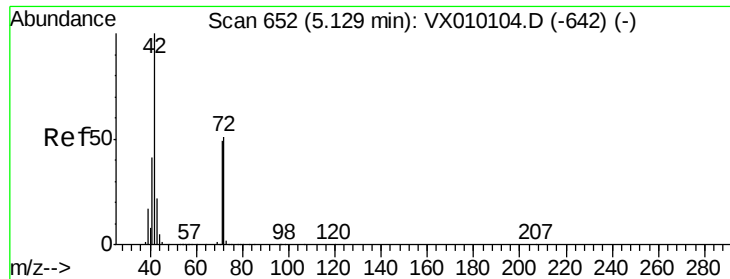
Abundance

Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 92.892 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX010277.D

Acq: 13 Jun 2019 16:59

Instrument :

MSVOA_X

ClientSampled :

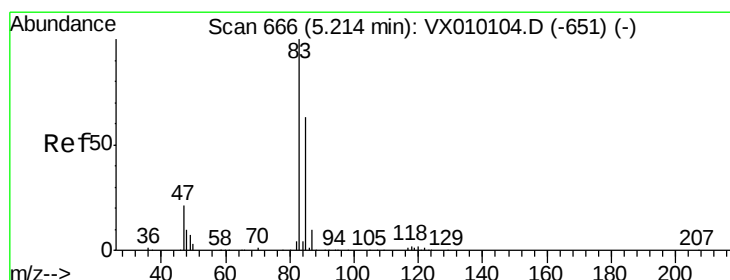
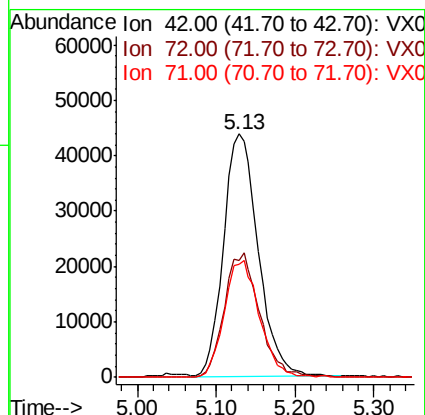
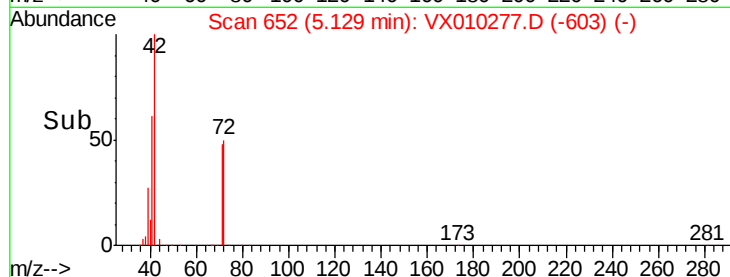
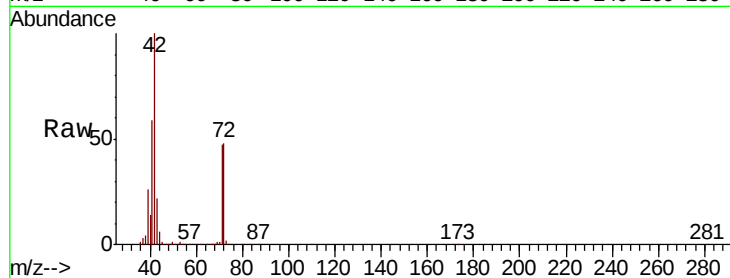
Tot Ion: 42 Resp: 133949

Ion Ratio Lower Upper

42 100

72 52.6 29.2 43.8#

71 49.2 27.6 41.4#



#30

Chloroform

Concen: 18.462 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX010277.D

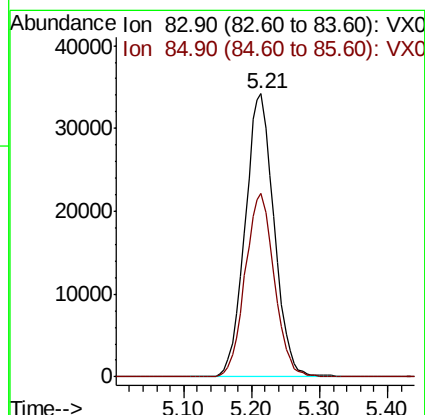
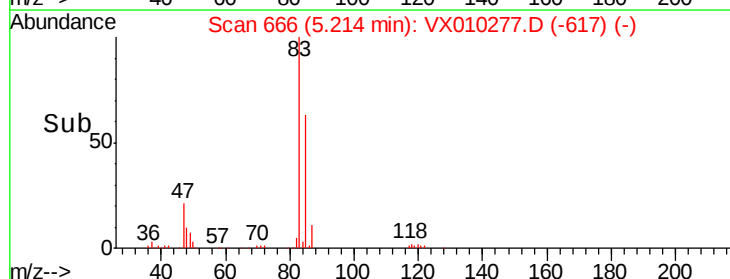
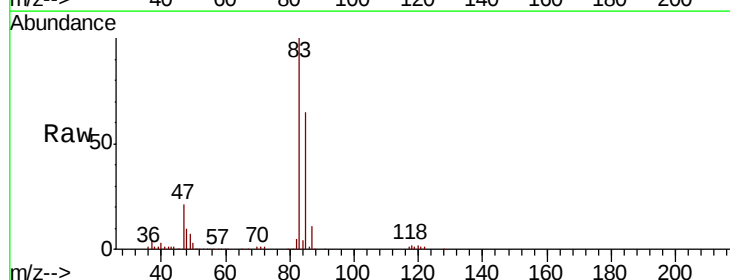
Acq: 13 Jun 2019 16:59

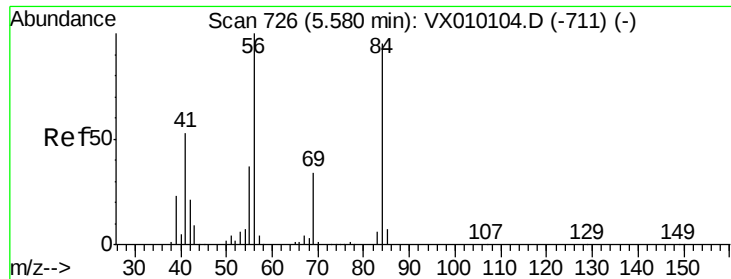
Tgt Ion: 83 Resp: 101282

Ion Ratio Lower Upper

83 100

85 65.1 52.6 78.8

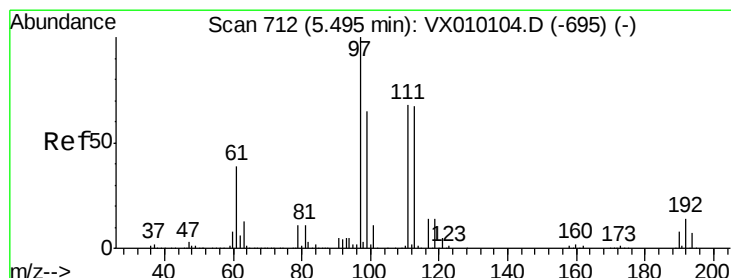
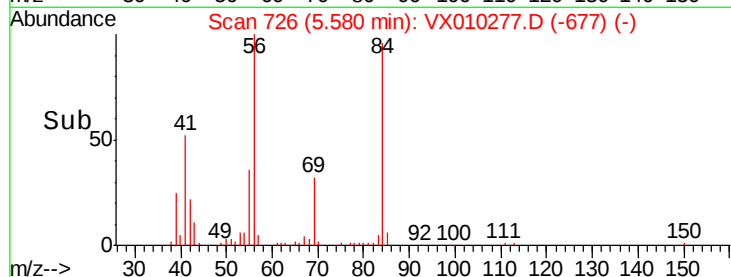
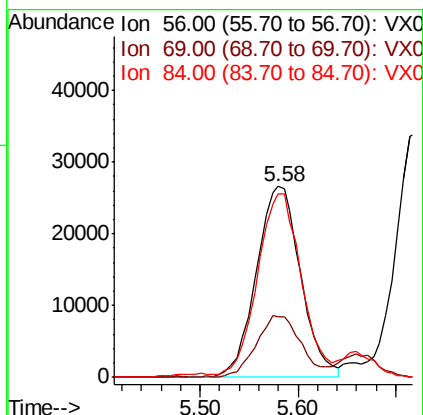
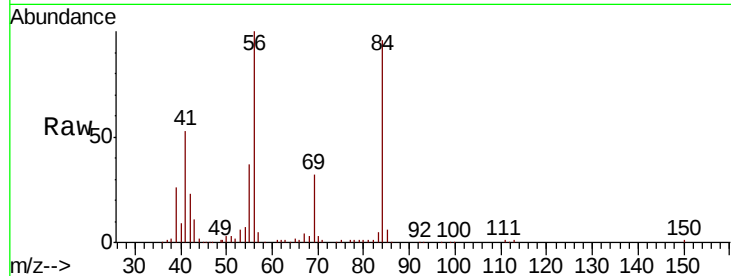




#31
Cyclohexane
Concen: 17.661 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX010277.D
Acq: 13 Jun 2019 16:59

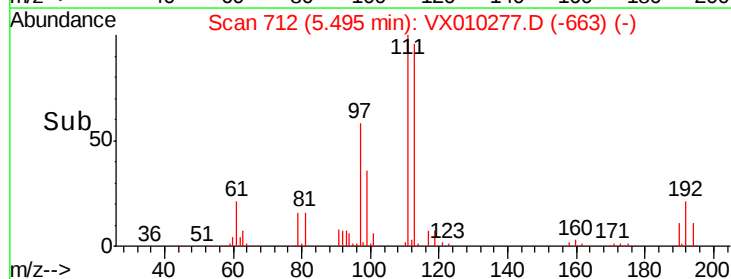
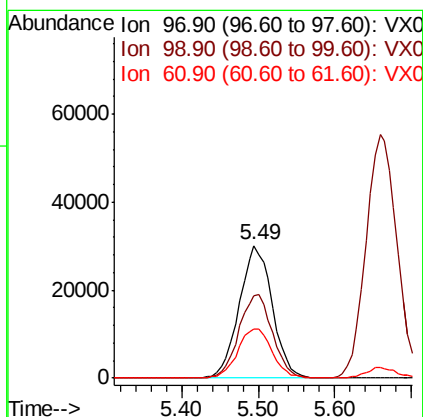
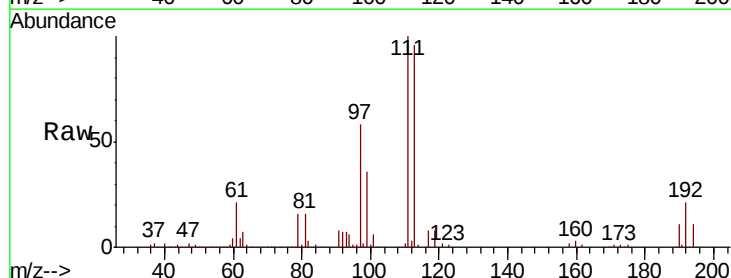
Instrument :
MSVOA_X
ClientSampleId :

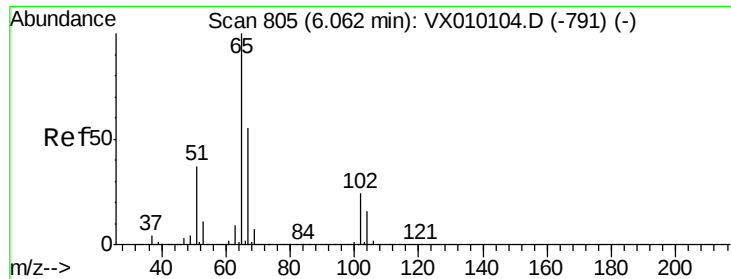
Tot Ion: 56 Resp: 84197
Ion Ratio Lower Upper
56 100
69 31.8 21.6 32.4
84 94.2 56.8 85.2#



#32
1,1,1-Trichloroethane
Concen: 17.507 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX010277.D
Acq: 13 Jun 2019 16:59

Tgt Ion: 97 Resp: 90289
Ion Ratio Lower Upper
97 100
99 63.8 51.0 76.4
61 38.7 38.7 58.1#





#33

1,2-Dichloroethane-d4

Concen: 45.661 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010277.D

Acq: 13 Jun 2019 16:59

Instrument :

MSVOA_X

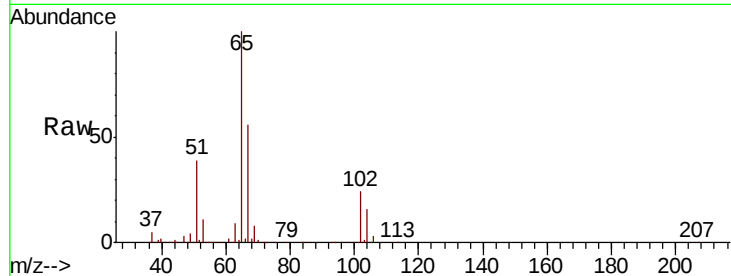
ClientSampleId :

Tot Ion: 65 Resp: 149589

Ion Ratio Lower Upper

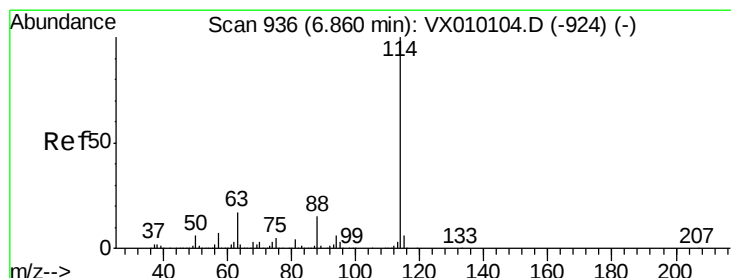
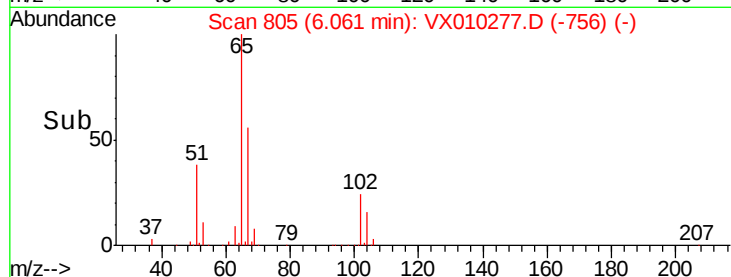
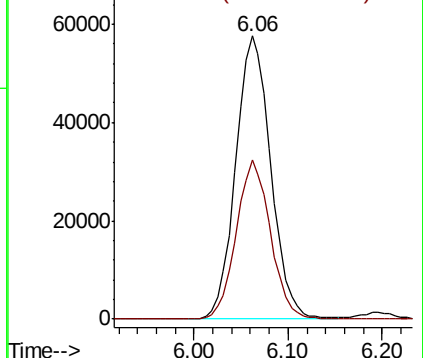
65 100

67 54.9 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX010277.D

Acq: 13 Jun 2019 16:59

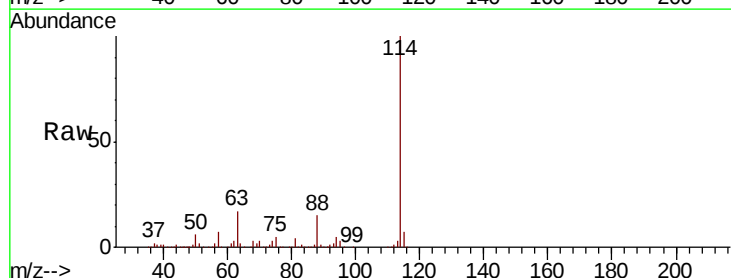
Tgt Ion: 114 Resp: 500367

Ion Ratio Lower Upper

114 100

63 16.8 0.0 47.4

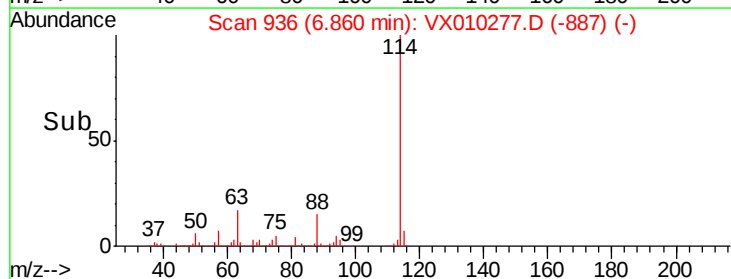
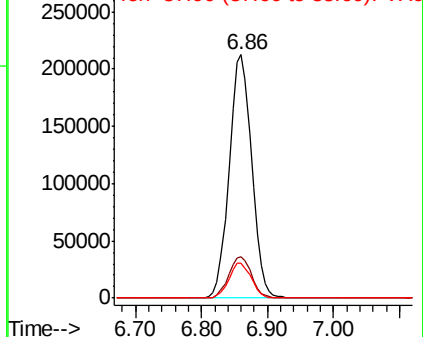
88 14.5 0.0 33.0

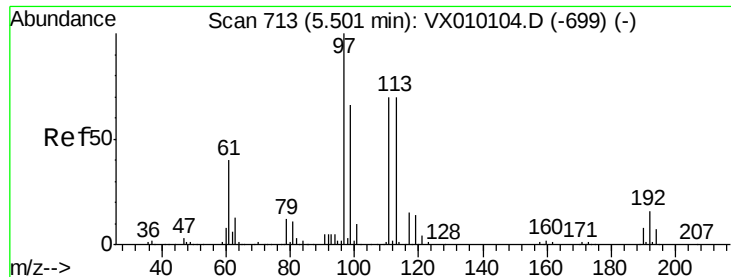


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.604 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010277.D

Acq: 13 Jun 2019 16:59

Instrument :

MSVOA_X

ClientSampled :

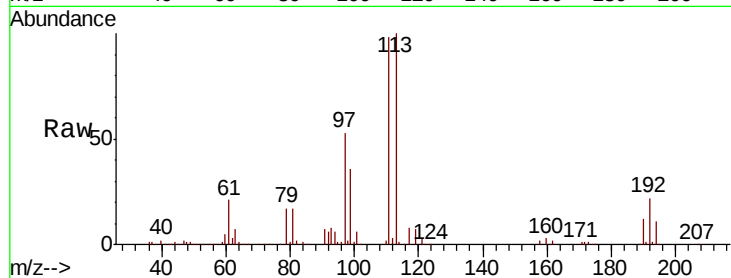
Tot Ion:113 Resp: 146925

Ion Ratio Lower Upper

113 100

111 102.1 82.2 123.2

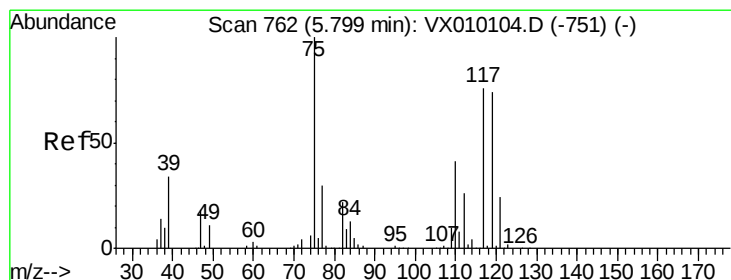
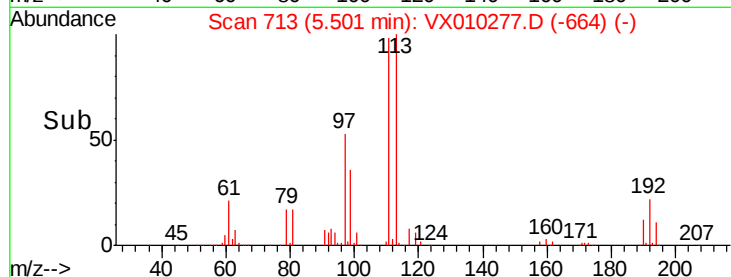
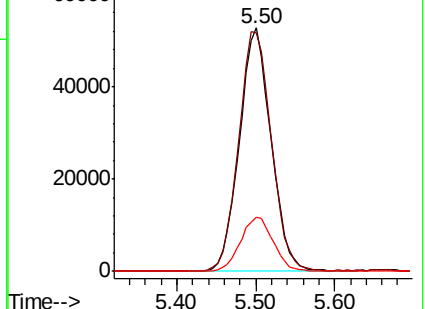
192 23.0 17.1 25.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 17.513 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX010277.D

Acq: 13 Jun 2019 16:59

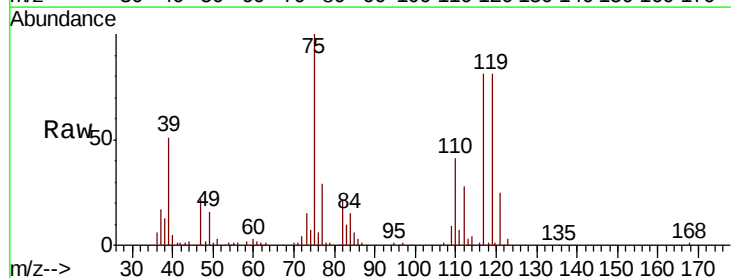
Tgt Ion: 75 Resp: 71494

Ion Ratio Lower Upper

75 100

110 41.6 16.7 50.1

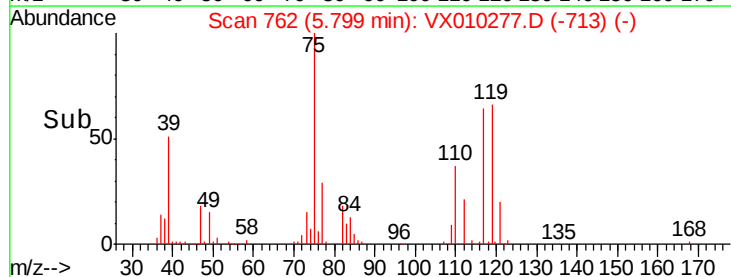
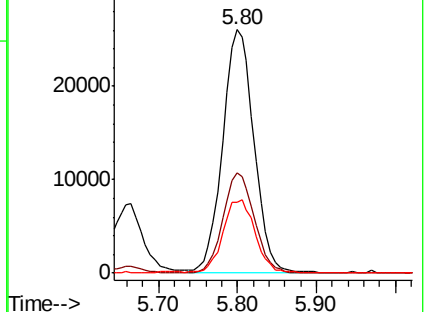
77 31.3 25.0 37.4

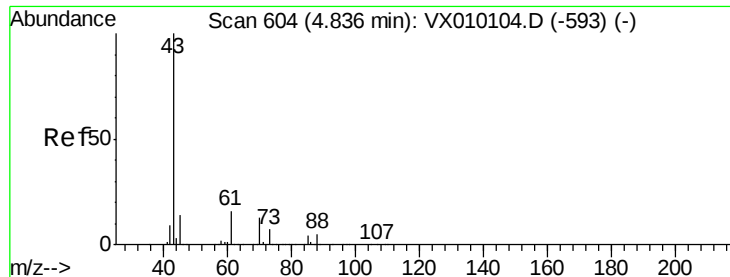


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 18.759 ug/l

RT: 4.83 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX010277.D

Acq: 13 Jun 2019 16:59

Instrument :

MSVOA_X

ClientSampleId :

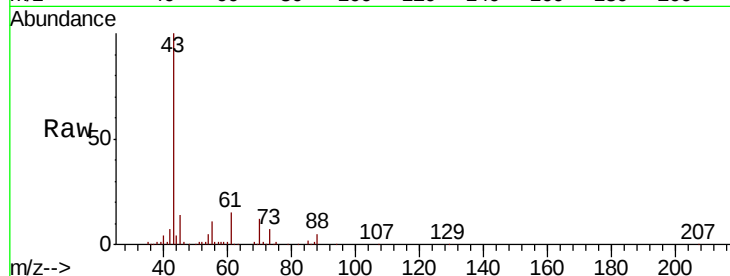
Tot Ion: 43 Resp: 79678

Ion Ratio Lower Upper

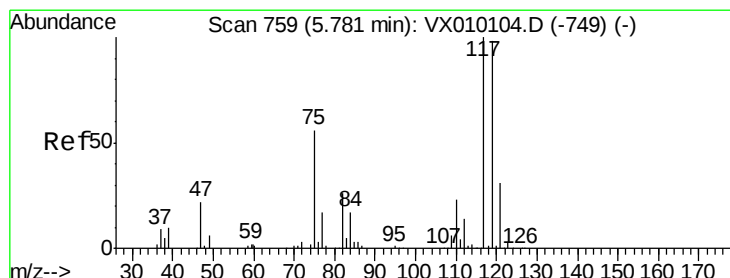
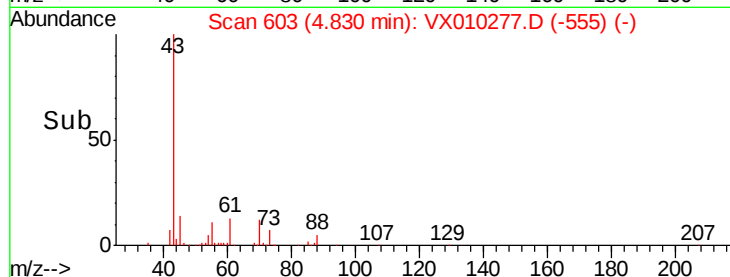
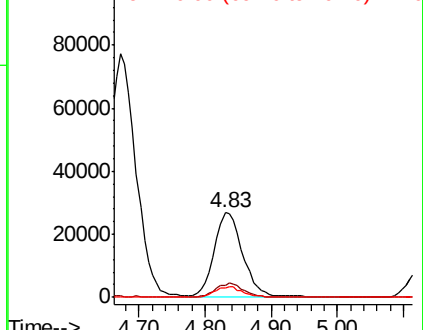
43 100

61 16.9 10.2 15.2#

70 13.0 7.4 11.2#



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: 17.051 ug/l

RT: 5.79 min Scan# 760

Delta R.T. 0.01 min

Lab File: VX010277.D

Acq: 13 Jun 2019 16:59

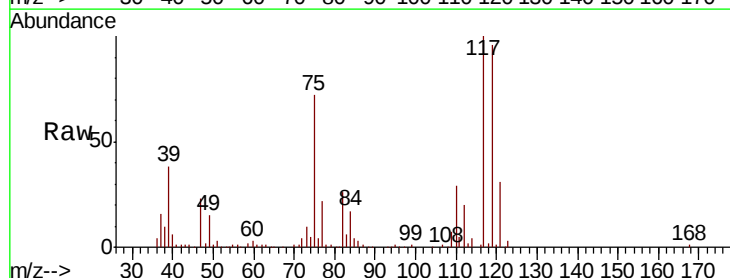
Tgt Ion: 117 Resp: 78784

Ion Ratio Lower Upper

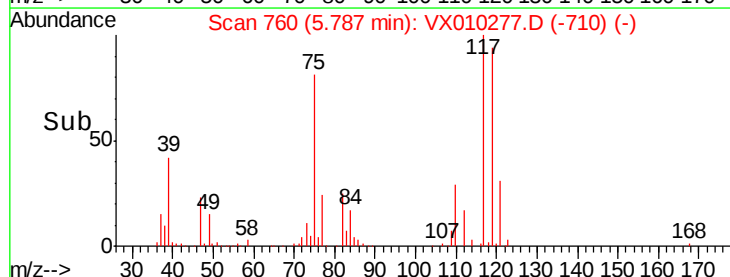
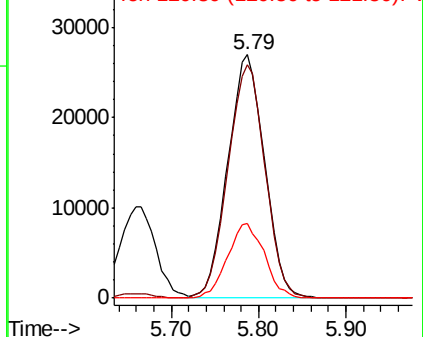
117 100

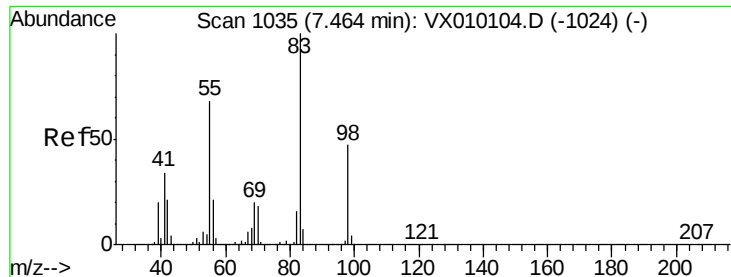
119 95.6 77.3 115.9

121 30.8 25.4 38.0



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

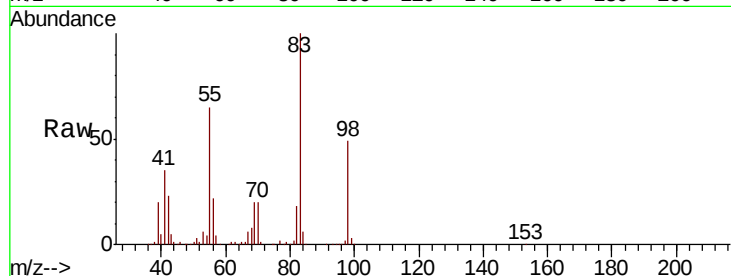




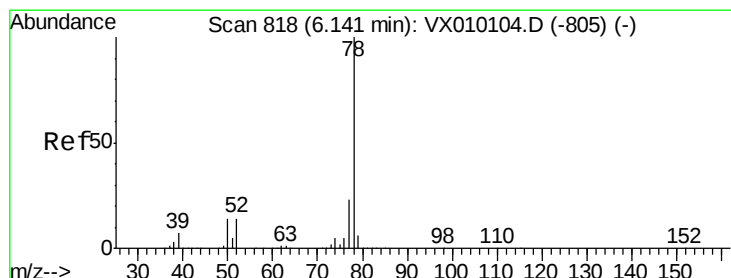
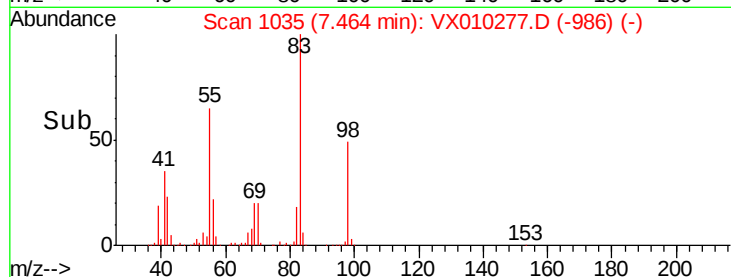
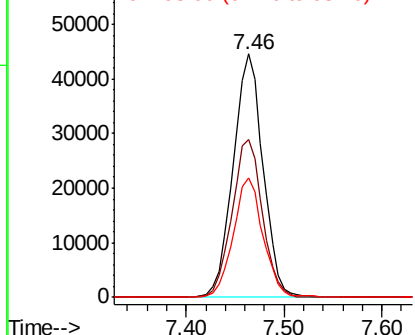
#39
Methvlcvclohexane
Concen: 16.966 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX010277.D
Acq: 13 Jun 2019 16:59

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 83 Resp: 94307
Ion Ratio Lower Upper
83 100
55 64.4 69.9 104.9#
98 49.1 35.1 52.7

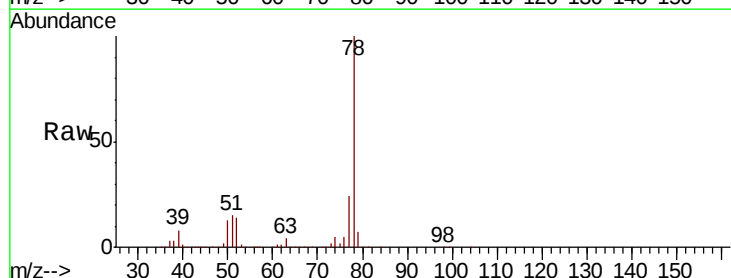


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

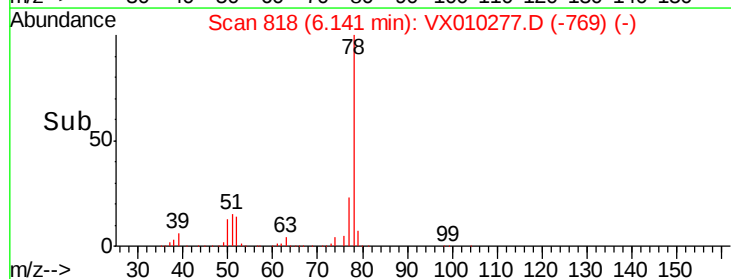
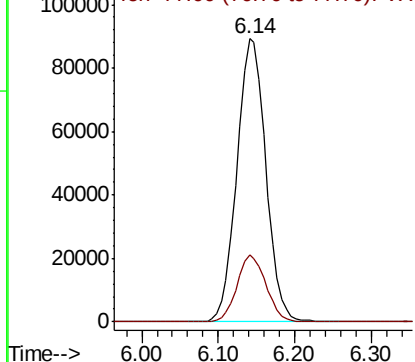


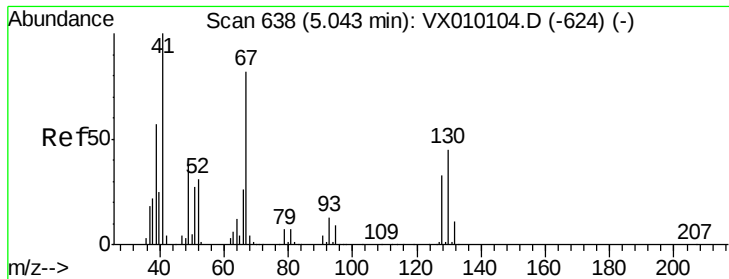
#40
Benzene
Concen: 18.565 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX010277.D
Acq: 13 Jun 2019 16:59

Tgt Ion: 78 Resp: 234344
Ion Ratio Lower Upper
78 100
77 23.6 19.2 28.8



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





#41

Methacrylonitrile

Concen: 18.164 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX010277.D

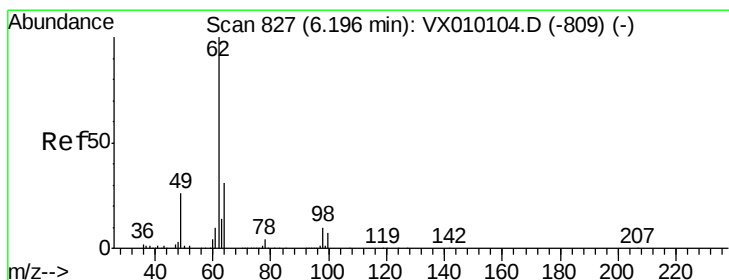
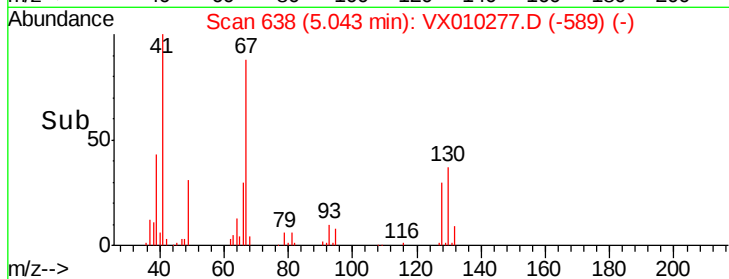
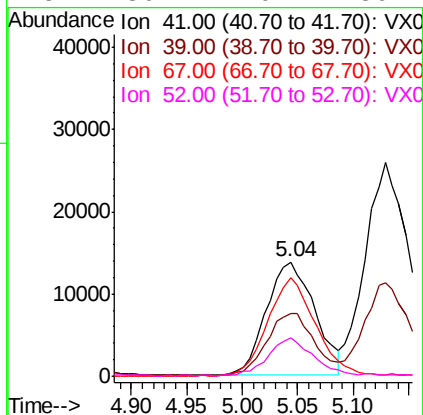
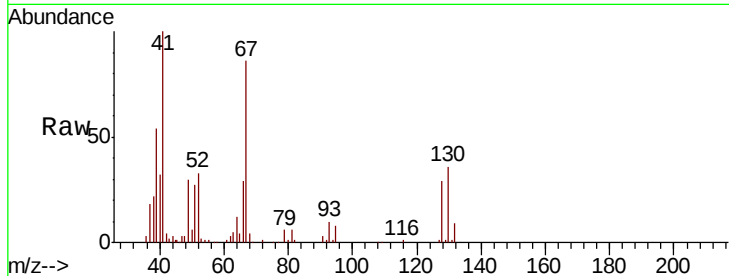
Acq: 13 Jun 2019 16:59

Instrument :

MSVOA_X

ClientSampled :

Tot Ion:	41	Resp:	41733
Ion	Ratio	Lower	Upper
41	100		
39	53.9	42.2	63.4
67	86.0	48.9	73.3#
52	30.7	20.1	30.1#



#42

1,2-Dichloroethane

Concen: 17.954 ug/l

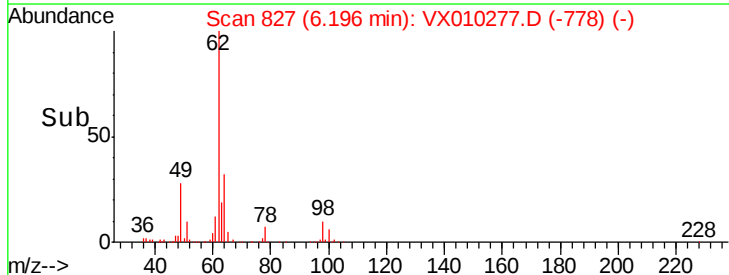
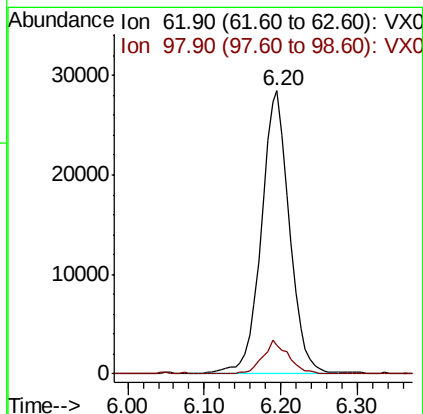
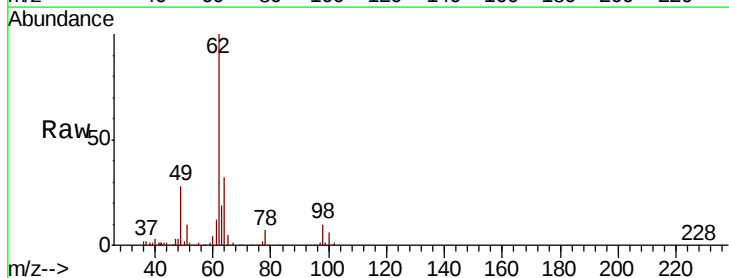
RT: 6.20 min Scan# 827

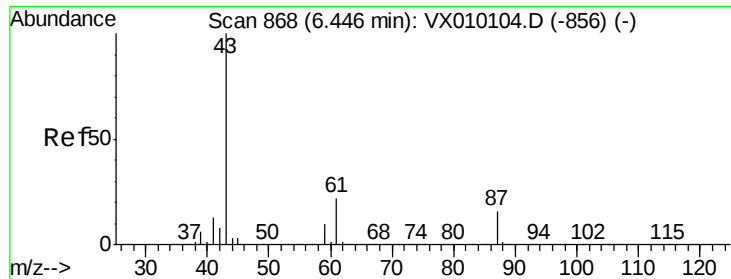
Delta R.T. -0.00 min

Lab File: VX010277.D

Acq: 13 Jun 2019 16:59

Tgt Ion:	62	Resp:	72354
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	17.2





#43

Isopropyl Acetate

Concen: 18.203 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX010277.D

Acq: 13 Jun 2019 16:59

Instrument :

MSVOA_X

ClientSampleId :

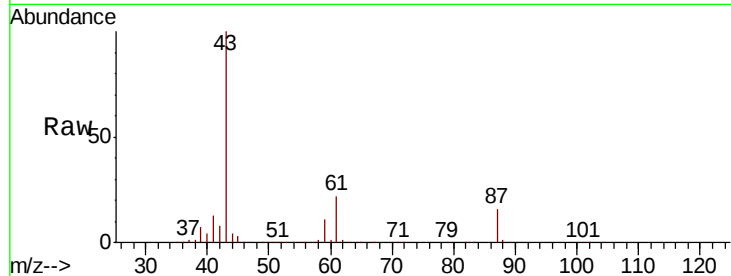
Tot Ion: 43 Resp: 129270

Ion Ratio Lower Upper

43 100

61 22.5 14.6 21.8#

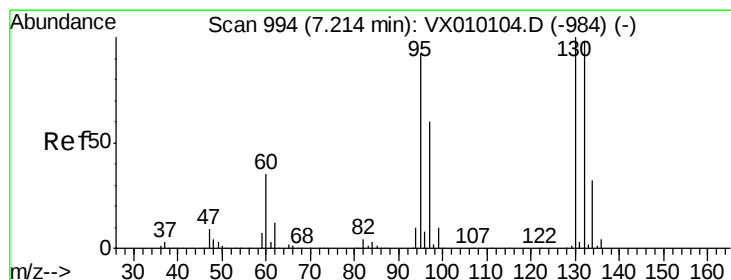
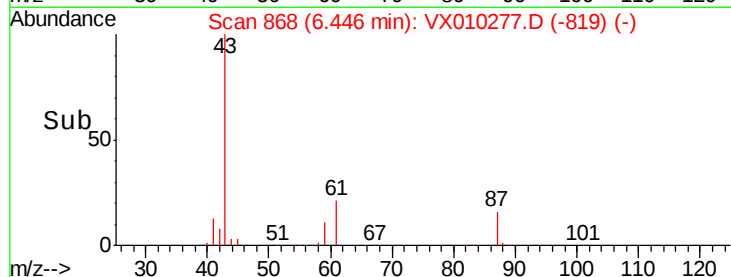
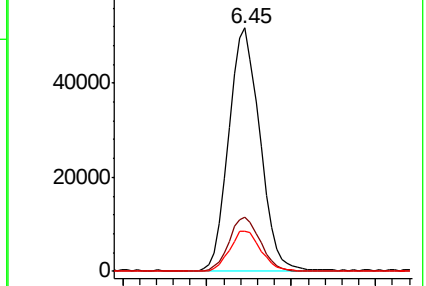
87 16.6 8.7 13.1#



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: 17.977 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX010277.D

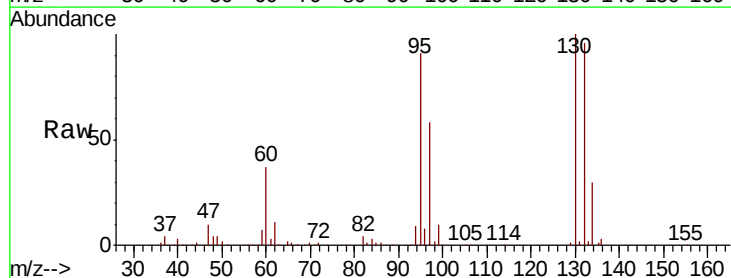
Acq: 13 Jun 2019 16:59

Tgt Ion:130 Resp: 68401

Ion Ratio Lower Upper

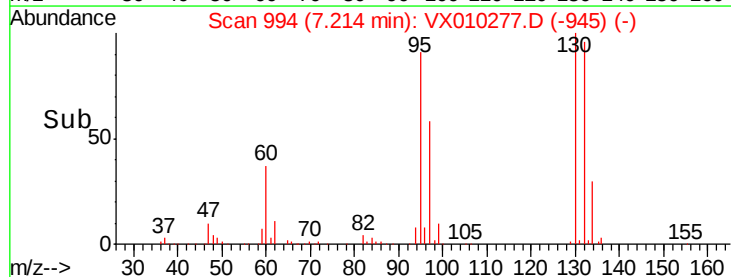
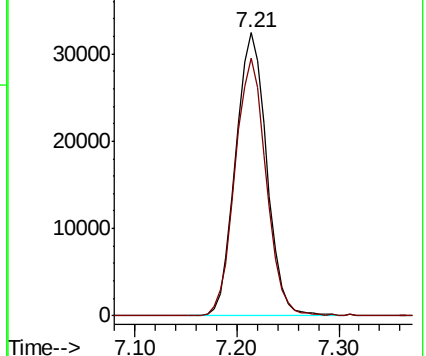
130 100

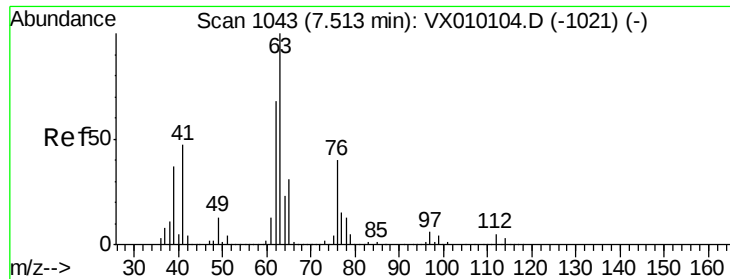
95 91.2 0.0 207.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 18.666 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX010277.D

Acq: 13 Jun 2019 16:59

Instrument :

MSVOA_X

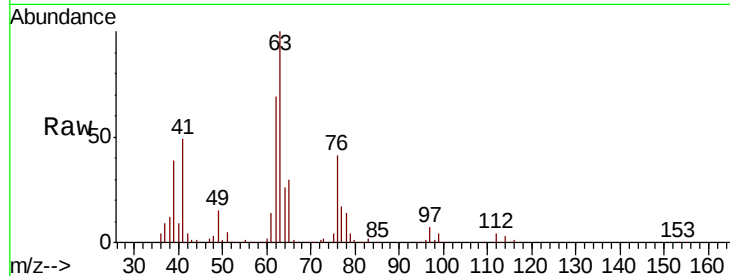
ClientSampleId :

Tot Ion: 63 Resp: 58973

Ion Ratio Lower Upper

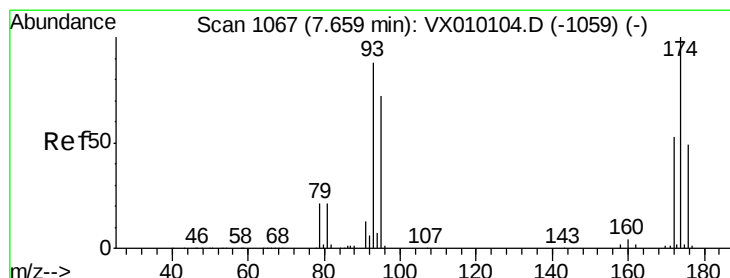
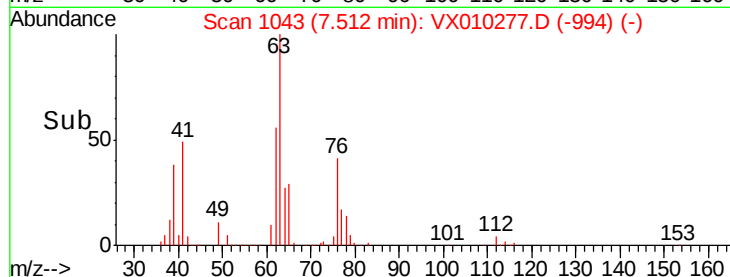
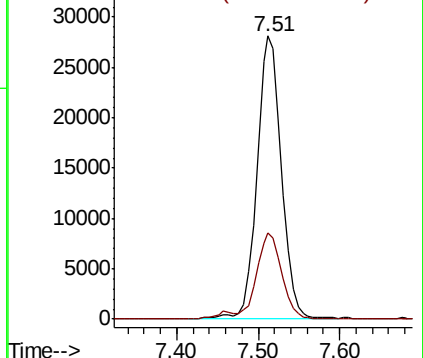
63 100

65 30.1 25.7 38.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 17.706 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX010277.D

Acq: 13 Jun 2019 16:59

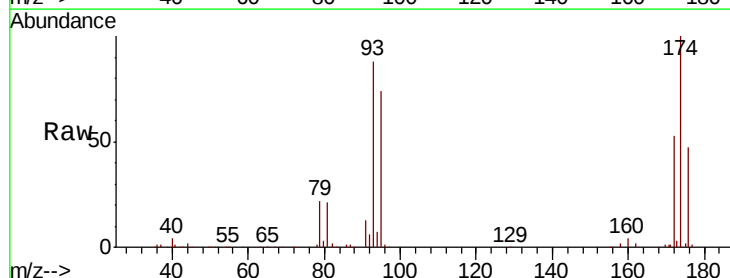
Tgt Ion: 93 Resp: 41910

Ion Ratio Lower Upper

93 100

95 84.0 66.8 100.2

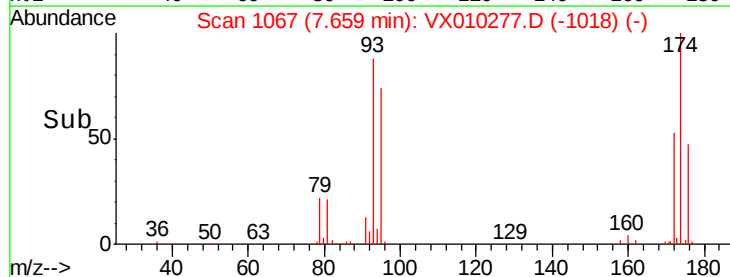
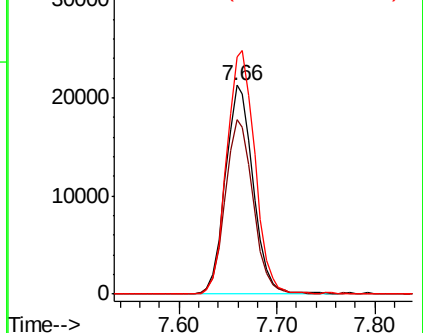
174 118.1 81.9 122.9

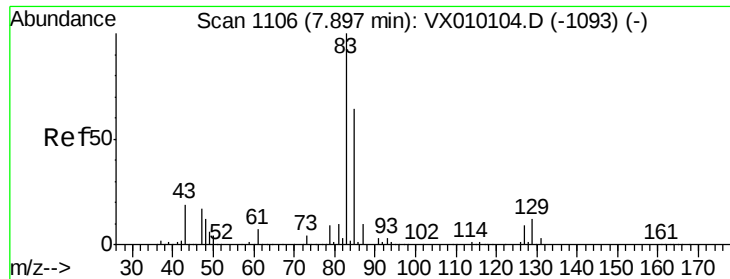


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 17.364 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX010277.D

Acq: 13 Jun 2019 16:59

Instrument :

MSVOA_X

ClientSampleId :

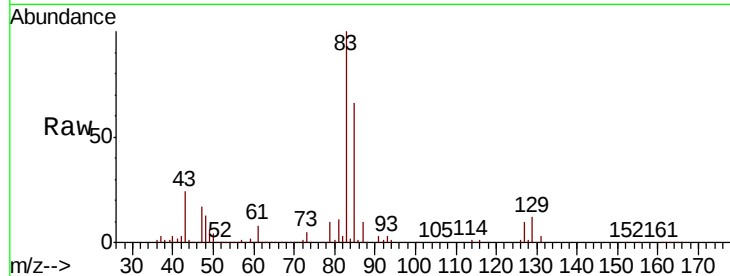
Tot Ion: 83 Resp: 76802

Ion Ratio Lower Upper

83 100

85 65.6 51.4 77.2

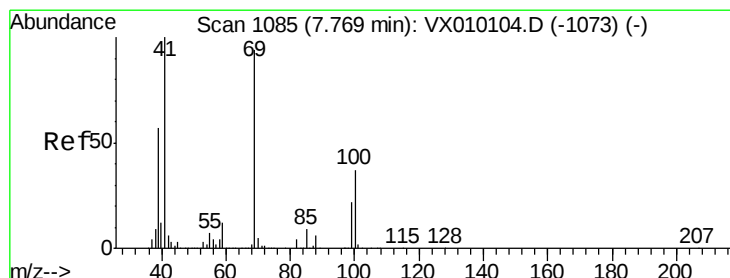
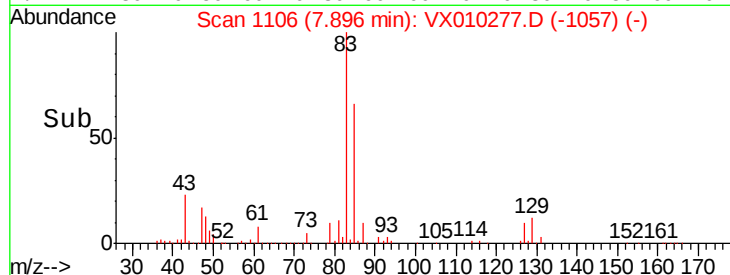
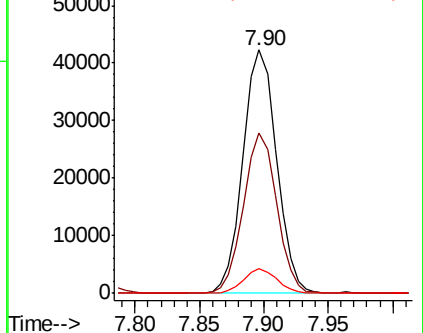
127 9.9 6.4 9.6#



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: 18.201 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX010277.D

Acq: 13 Jun 2019 16:59

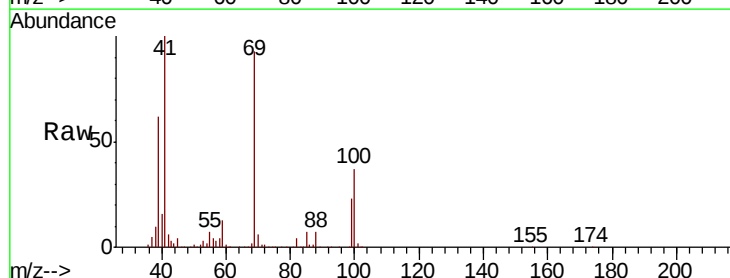
Tgt Ion: 41 Resp: 60451

Ion Ratio Lower Upper

41 100

69 97.7 56.4 84.6#

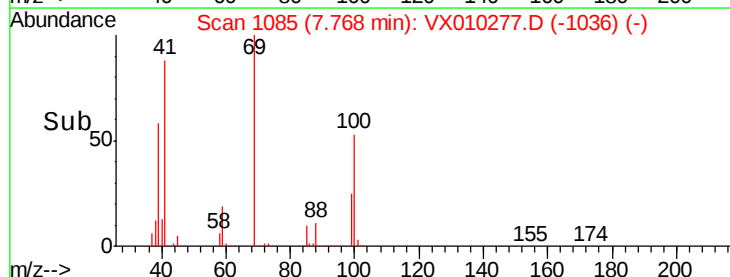
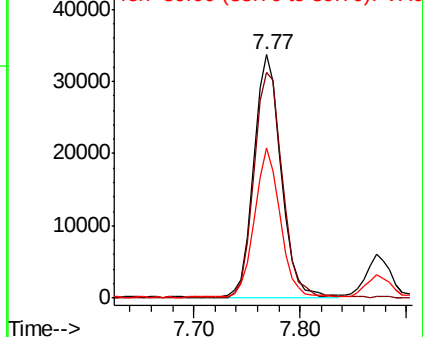
39 57.5 40.6 60.8

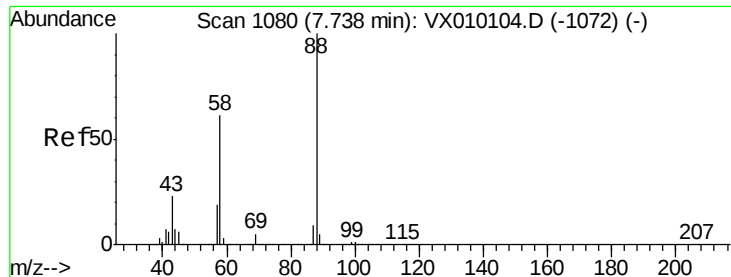


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

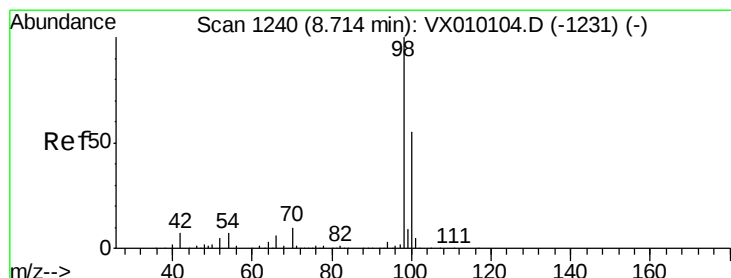
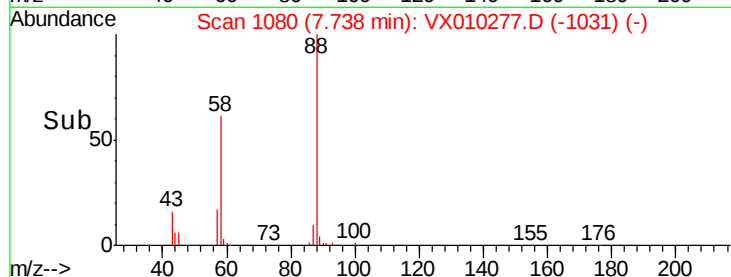
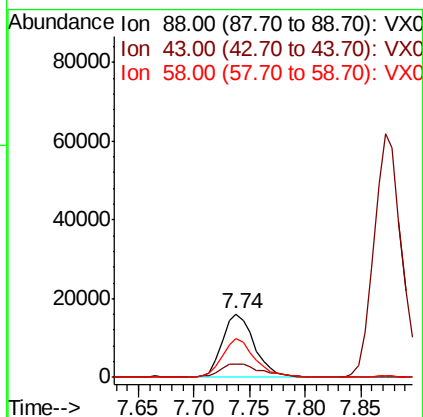
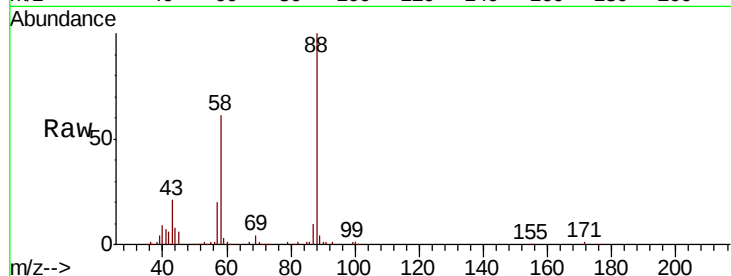




#49
1,4-Dioxane
Concen: 345.411 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX010277.D
Acq: 13 Jun 2019 16:59

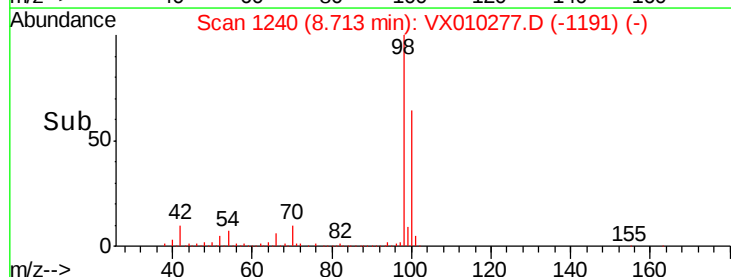
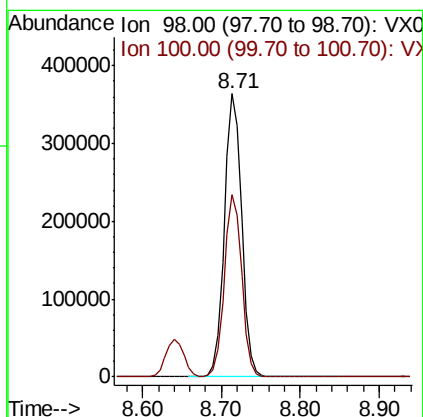
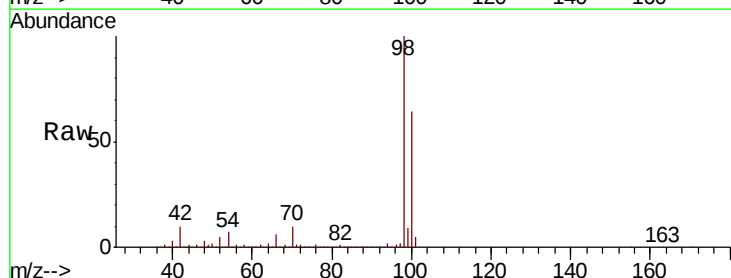
Instrument :
MSVOA_X
ClientSampleId :

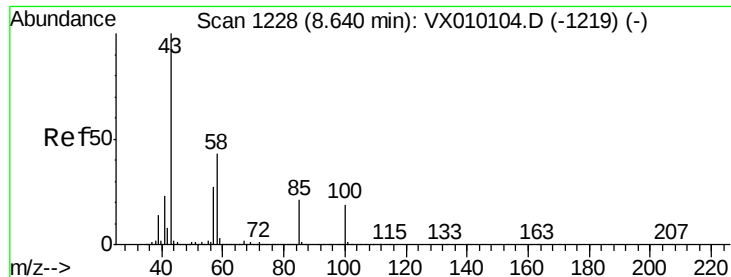
Tot Ion	Ratio	Lower	Upper
88	100		
43	25.4	30.2	45.4#
58	61.2	64.0	96.0#



#50
Toluene-d8
Concen: 47.905 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010277.D
Acq: 13 Jun 2019 16:59

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.5	77.3





#51

4-Methyl-2-Pentanone

Concen: 98.234 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX010277.D

Acq: 13 Jun 2019 16:59

Instrument :

MSVOA_X

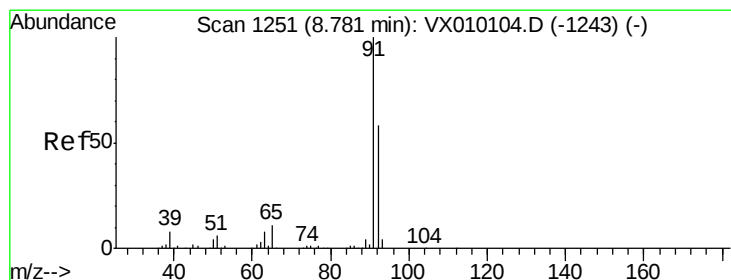
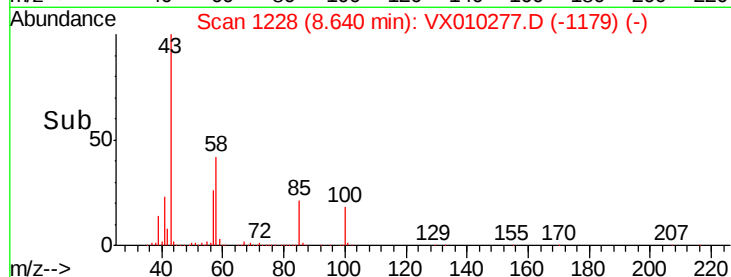
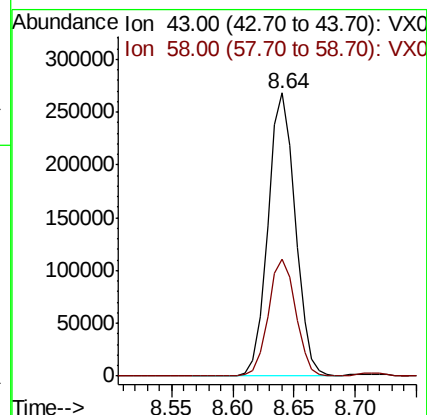
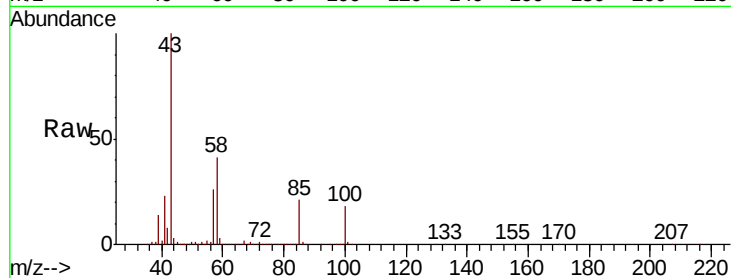
ClientSampleId :

Tot Ion: 43 Resp: 416764

Ion Ratio Lower Upper

43 100

58 41.6 28.8 43.2



#52

Toluene

Concen: 18.257 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX010277.D

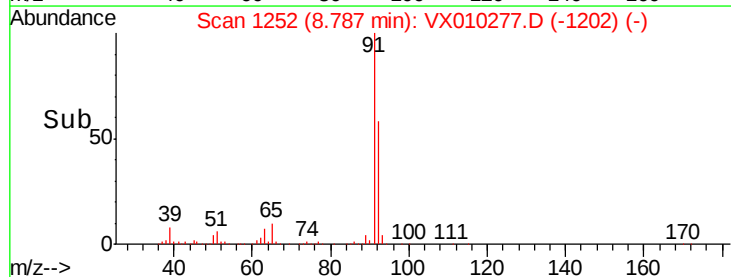
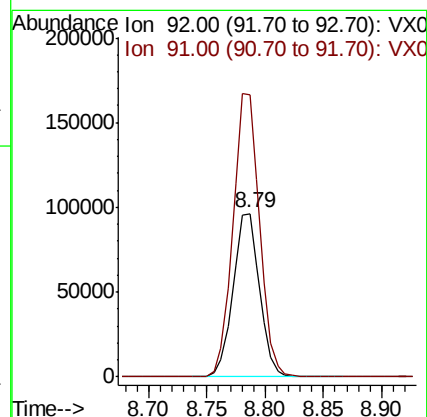
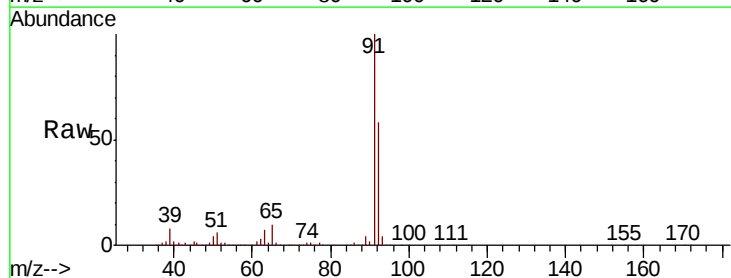
Acq: 13 Jun 2019 16:59

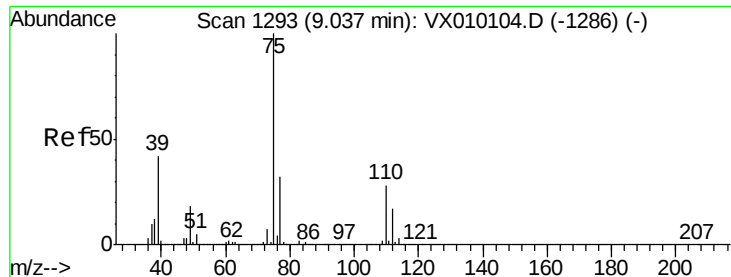
Tgt Ion: 92 Resp: 151491

Ion Ratio Lower Upper

92 100

91 174.6 139.9 209.9





#53

t-1,3-Dichloropropene

Concen: 16.853 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.01 min

Lab File: VX010277.D

Acq: 13 Jun 2019 16:59

Instrument :

MSVOA_X

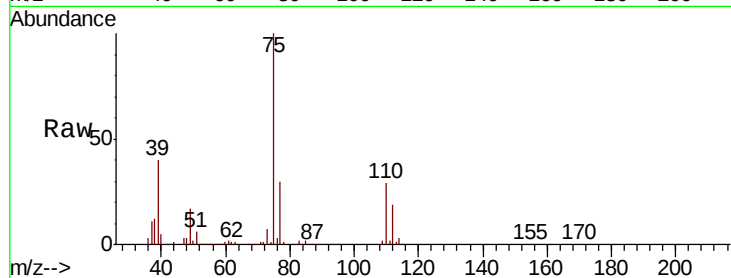
ClientSampleId :

Tot Ion: 75 Resp: 86219

Ion Ratio Lower Upper

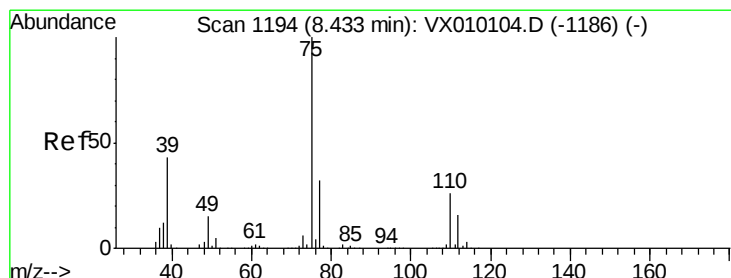
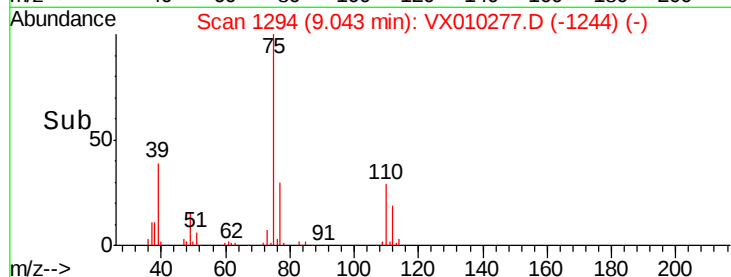
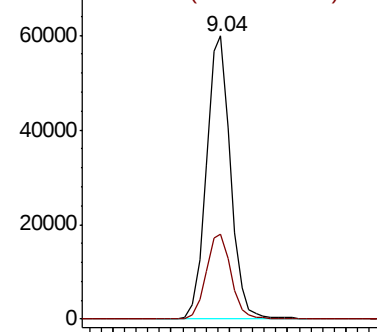
75 100

77 30.0 24.6 36.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 17.229 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX010277.D

Acq: 13 Jun 2019 16:59

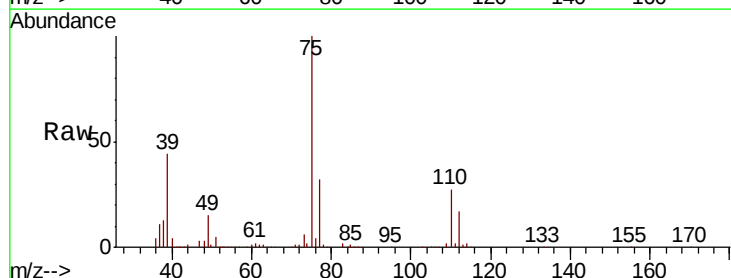
Tgt Ion: 75 Resp: 94494

Ion Ratio Lower Upper

75 100

77 31.8 24.8 37.2

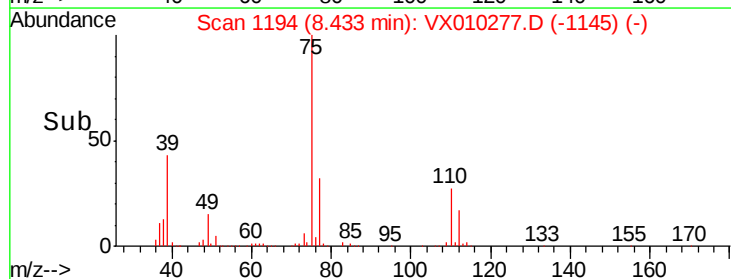
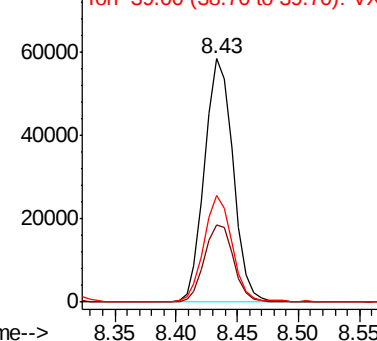
39 43.5 43.4 65.0

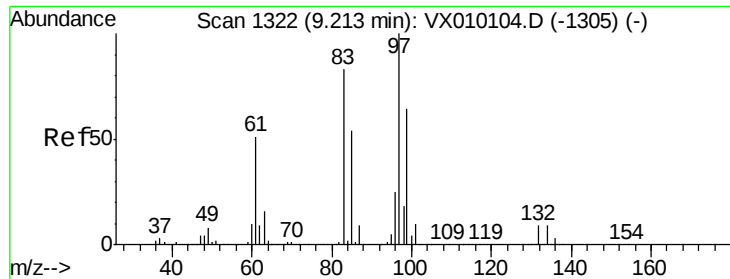


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

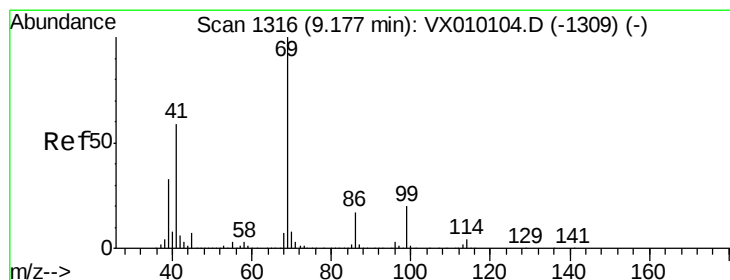
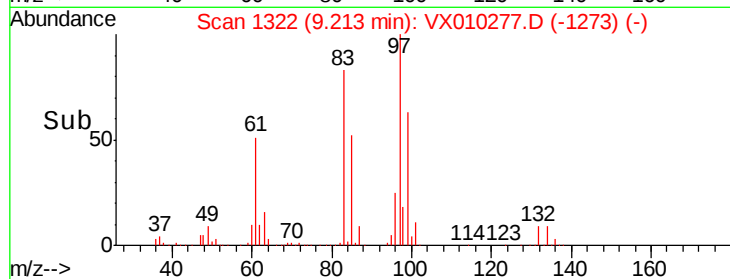
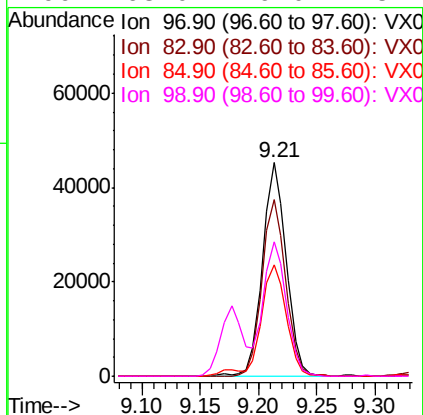
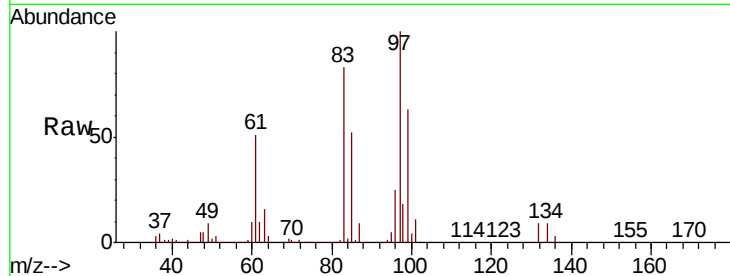




#55
 1,1,2-Trichloroethane
 Concen: 18.820 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX010277.D
 Acq: 13 Jun 2019 16:59

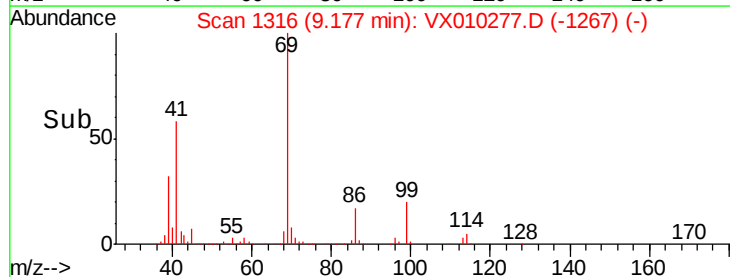
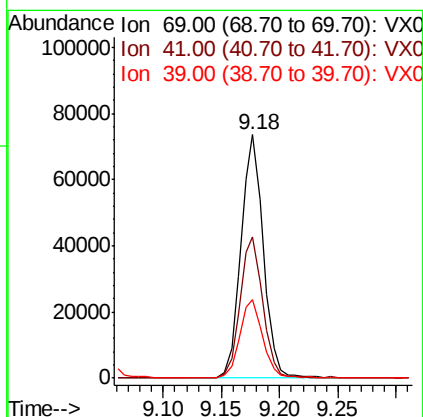
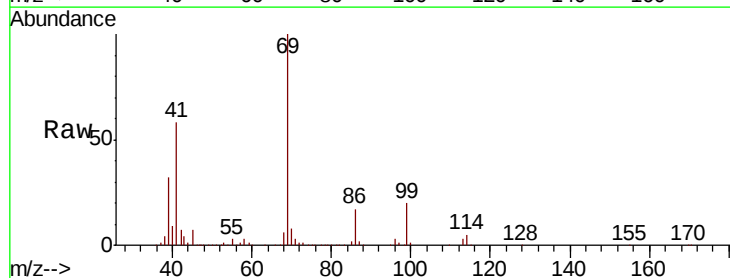
Instrument :
 MSVOA_X
 ClientSampleId :

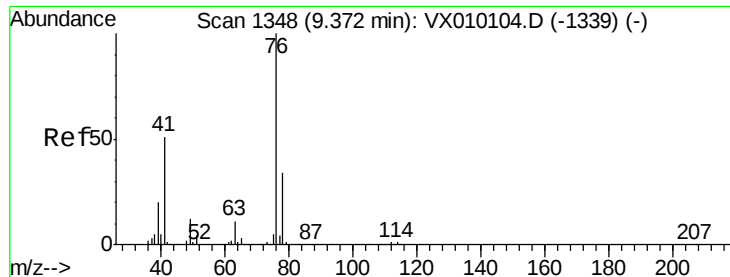
Tot Ion:	97	Resp:	63957
Ion	Ratio	Lower	Upper
97	100		
83	82.8	69.8	104.8
85	52.4	45.3	67.9
99	63.0	49.0	73.4



#56
 Ethyl methacrylate
 Concen: 18.418 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX010277.D
 Acq: 13 Jun 2019 16:59

Tgt Ion:	69	Resp:	98868
Ion	Ratio	Lower	Upper
69	100		
41	58.2	62.7	94.1#
39	32.8	29.5	44.3





#57

1,3-Dichloropropane

Concen: 18.491 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX010277.D

Acq: 13 Jun 2019 16:59

Instrument :

MSVOA_X

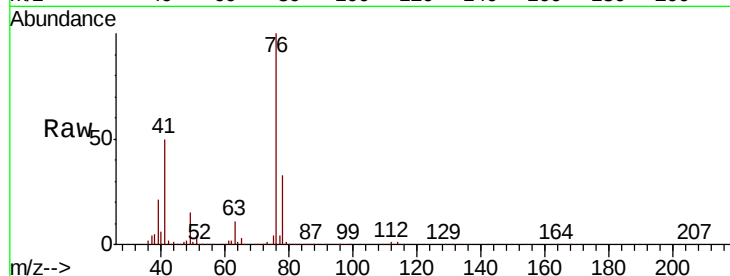
ClientSampleId :

Tot Ion: 76 Resp: 98925

Ion Ratio Lower Upper

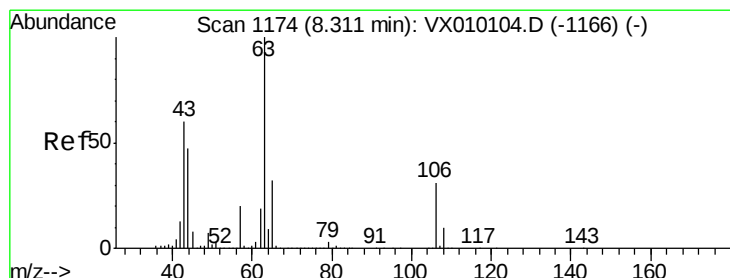
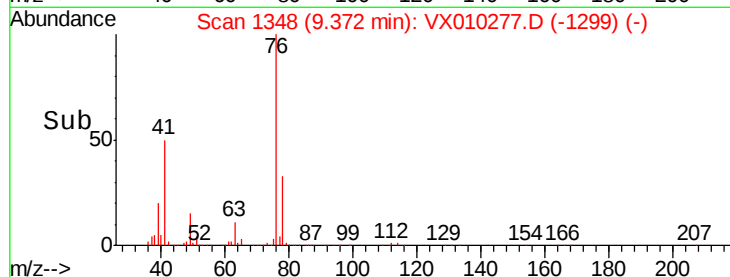
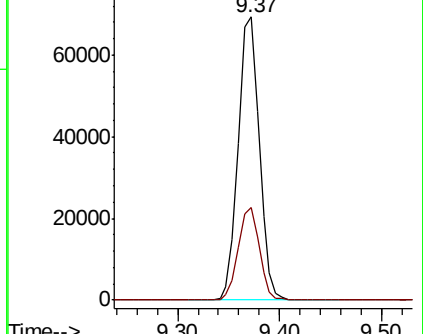
76 100

78 32.8 25.4 38.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 92.177 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX010277.D

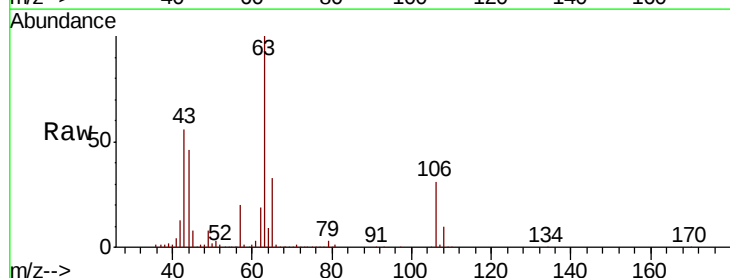
Acq: 13 Jun 2019 16:59

Tgt Ion: 63 Resp: 233268

Ion Ratio Lower Upper

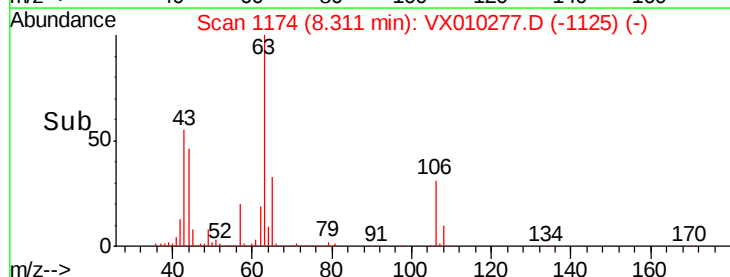
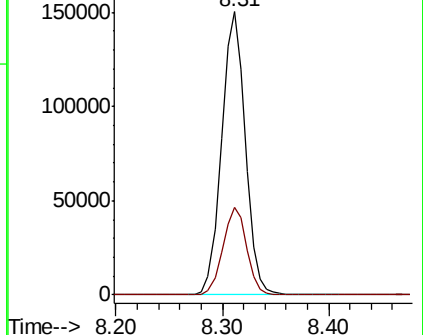
63 100

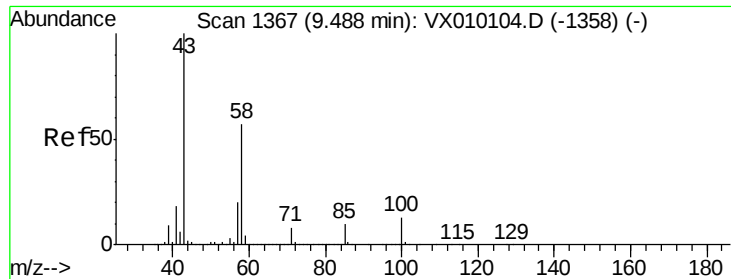
106 31.2 19.4 29.2#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

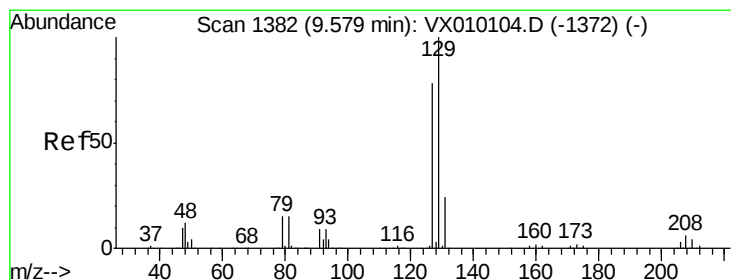
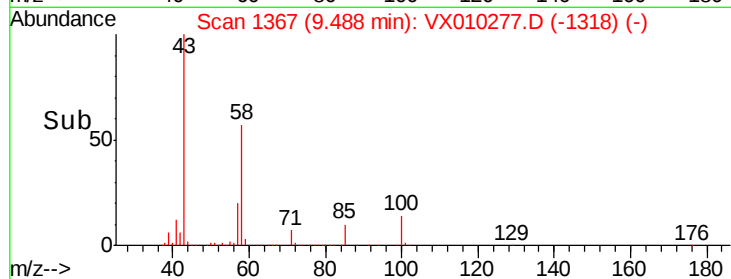
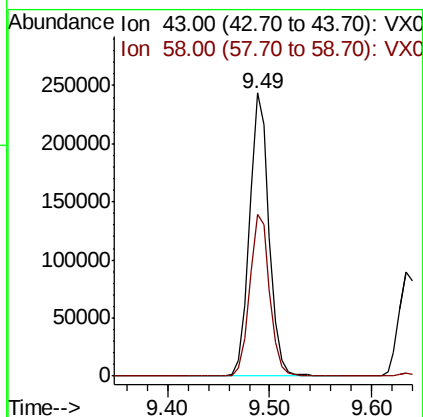
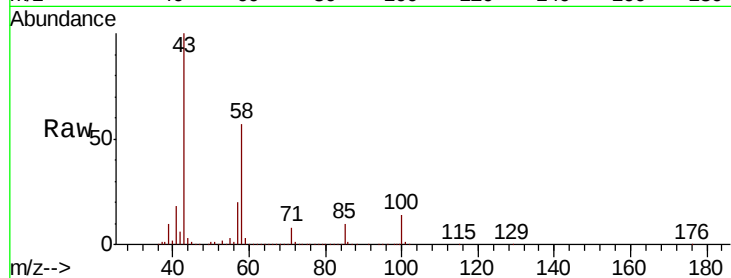




#59
2-Hexanone
Concen: 95.958 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX010277.D
Acq: 13 Jun 2019 16:59

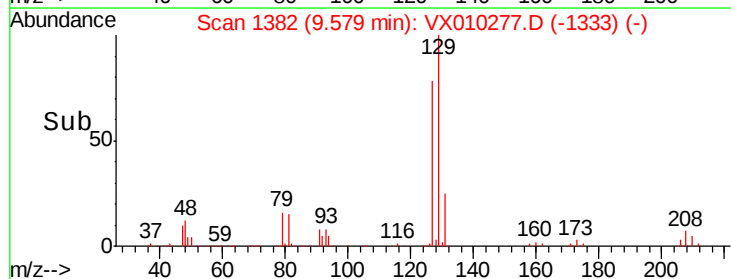
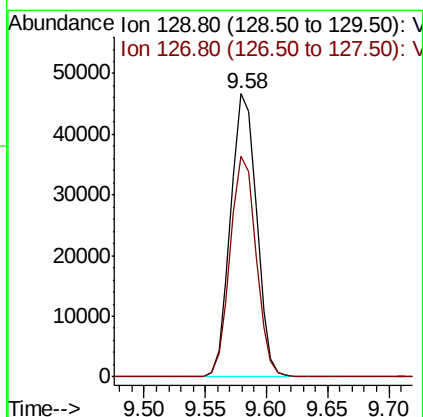
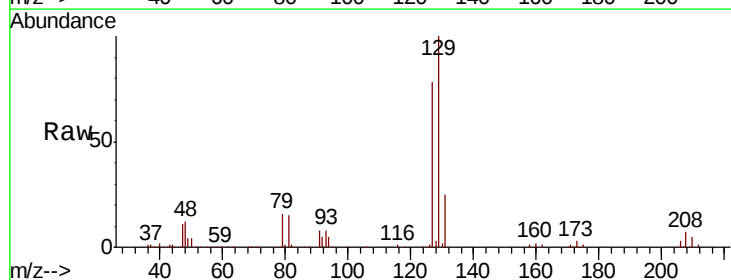
Instrument :
MSVOA_X
ClientSampled :

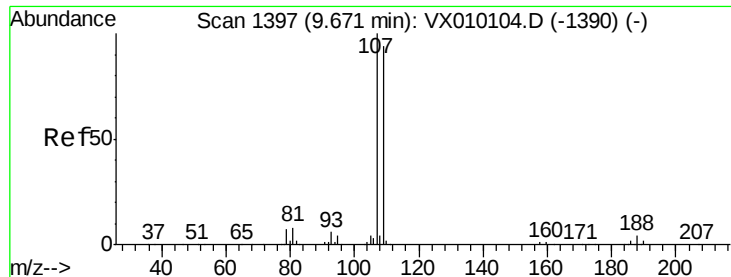
Tot Ion: 43 Resp: 324592
Ion Ratio Lower Upper
43 100
58 58.6 25.1 75.3



#60
Dibromochloromethane
Concen: 17.048 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX010277.D
Acq: 13 Jun 2019 16:59

Tgt Ion: 129 Resp: 68525
Ion Ratio Lower Upper
129 100
127 77.8 38.5 115.5





#61

1,2-Dibromoethane

Concen: 17.904 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX010277.D

Acq: 13 Jun 2019 16:59

Instrument :

MSVOA_X

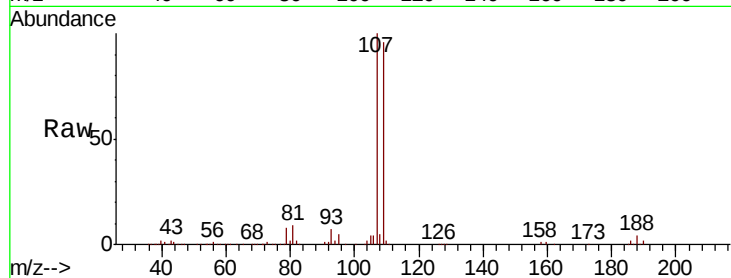
ClientSampled :

Tot Ion:107 Resp: 67764

Ion Ratio Lower Upper

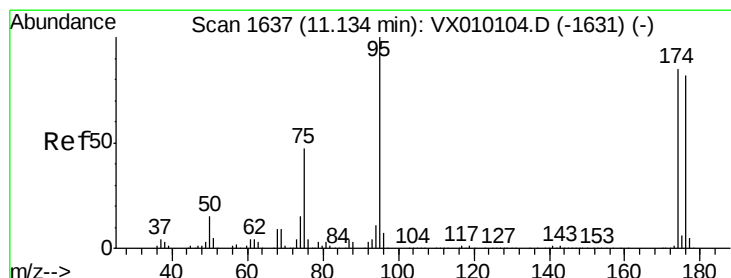
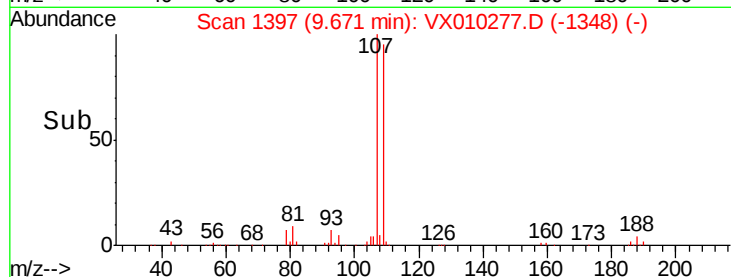
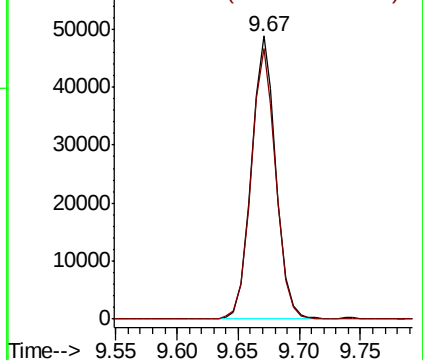
107 100

109 97.0 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.647 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010277.D

Acq: 13 Jun 2019 16:59

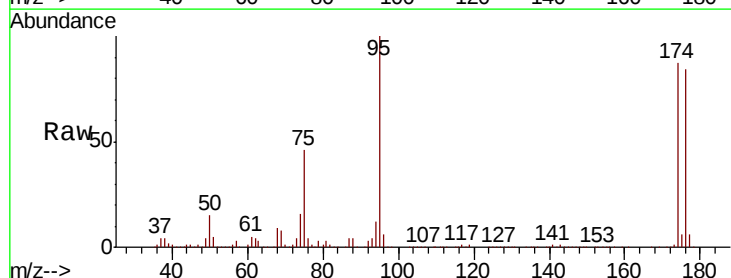
Tgt Ion: 95 Resp: 201512

Ion Ratio Lower Upper

95 100

174 92.9 0.0 160.4

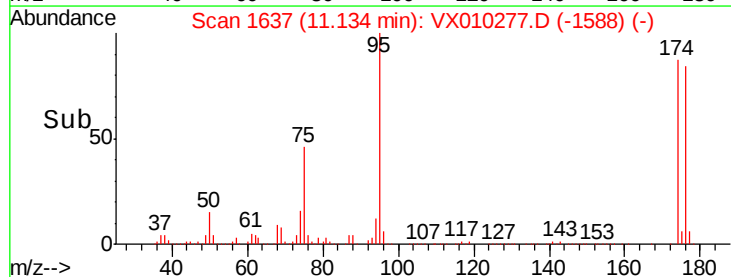
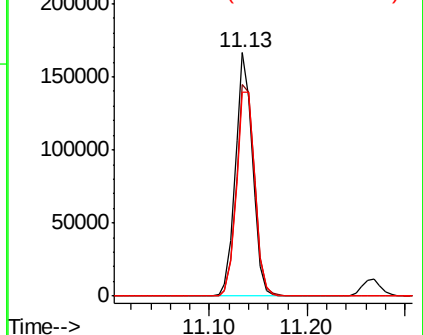
176 90.6 0.0 154.6

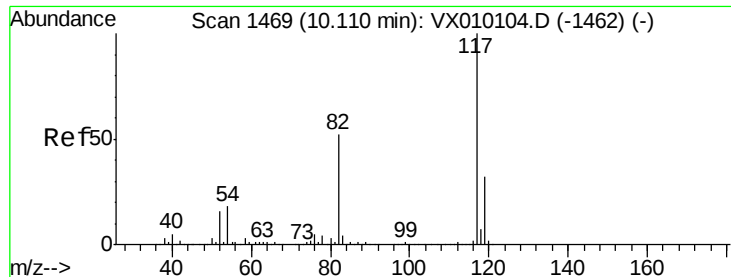


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

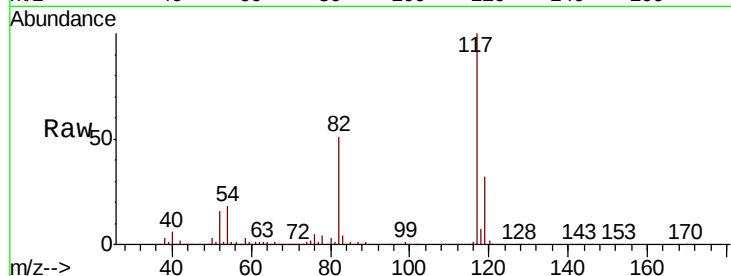




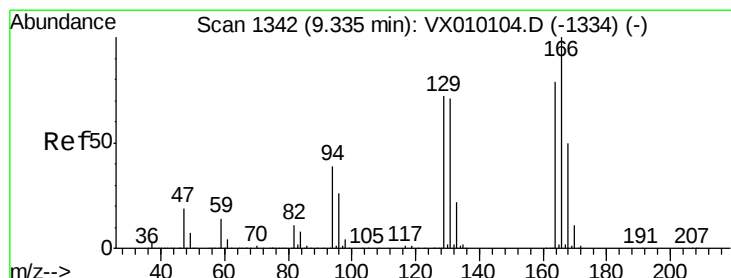
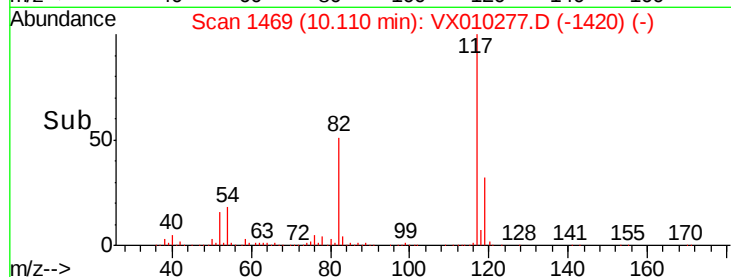
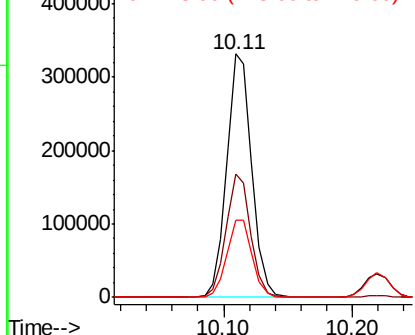
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010277.D
Acq: 13 Jun 2019 16:59

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:117 Resp: 452059
Ion Ratio Lower Upper
117 100
82 50.7 49.2 73.8
119 31.8 25.2 37.8

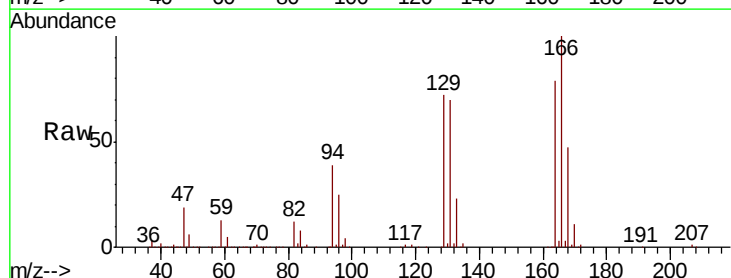


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

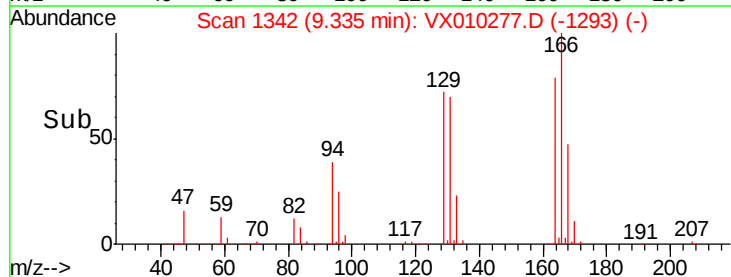
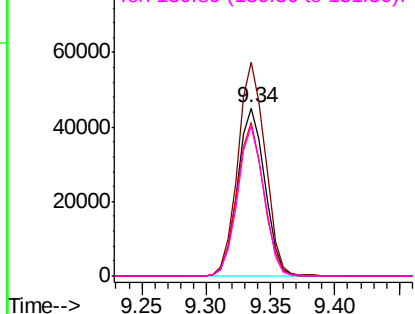


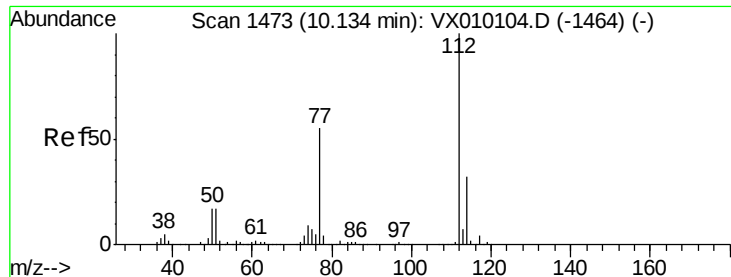
#64
Tetrachloroethene
Concen: 19.751 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010277.D
Acq: 13 Jun 2019 16:59

Tgt Ion:164 Resp: 66314
Ion Ratio Lower Upper
164 100
166 127.1 105.0 157.4
129 91.5 75.1 112.7
131 89.4 72.2 108.4



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: 18.535 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.01 min

Lab File: VX010277.D

Acq: 13 Jun 2019 16:59

Instrument :

MSVOA_X

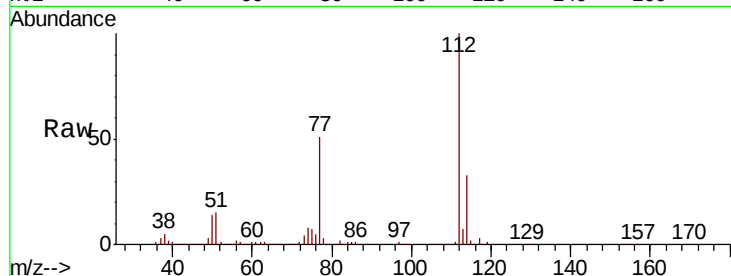
ClientSampled :

Tot Ion:112 Resp: 172931

Ion Ratio Lower Upper

112 100

114 32.7 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

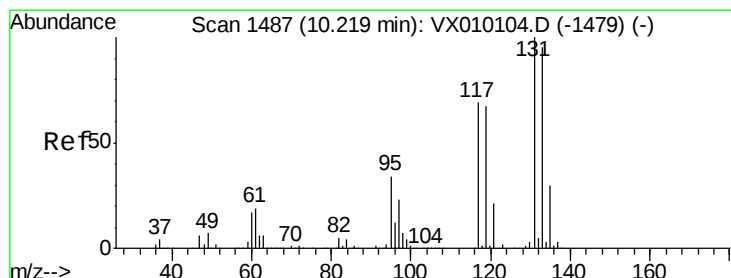
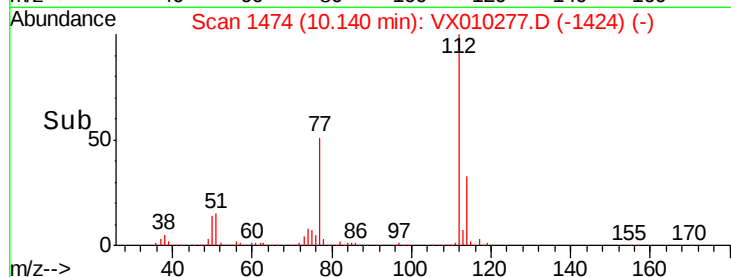
10.14

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 17.875 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX010277.D

Acq: 13 Jun 2019 16:59

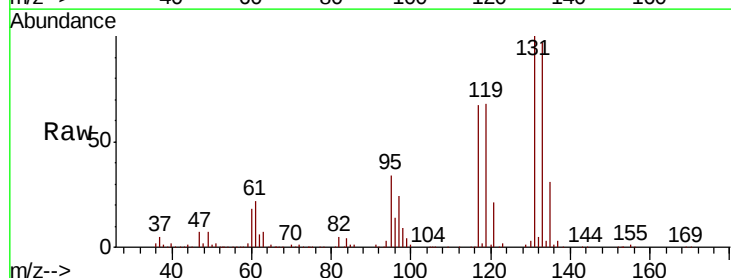
Tgt Ion:131 Resp: 64137

Ion Ratio Lower Upper

131 100

133 96.1 47.5 142.6

119 68.4 33.4 100.1



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

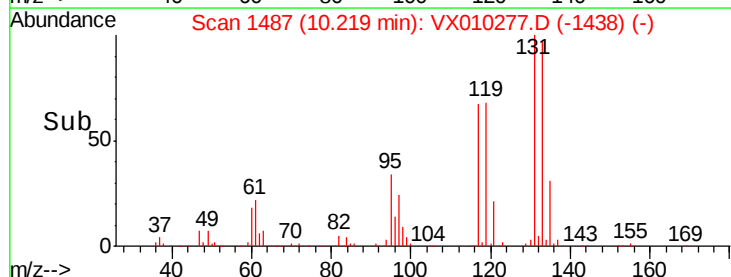
10.22

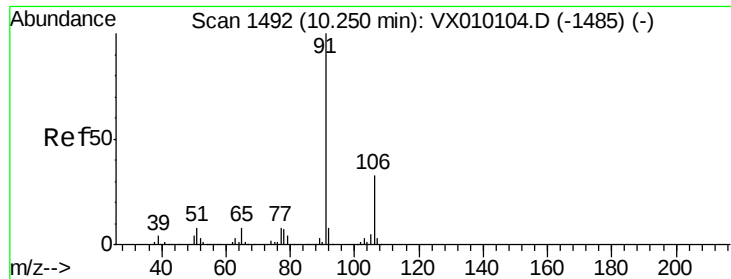
100000

50000

0

Time-->

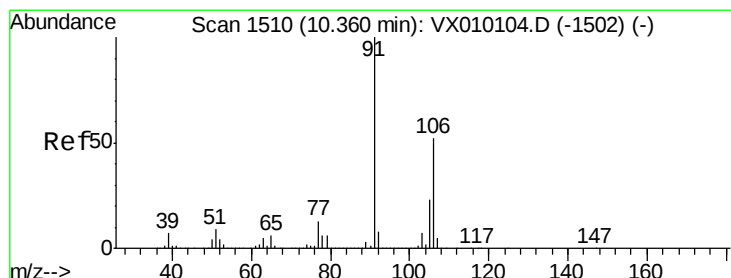
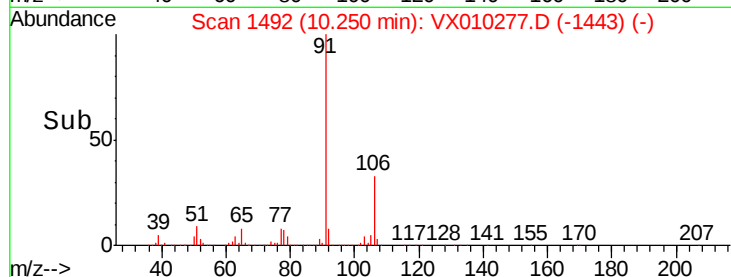
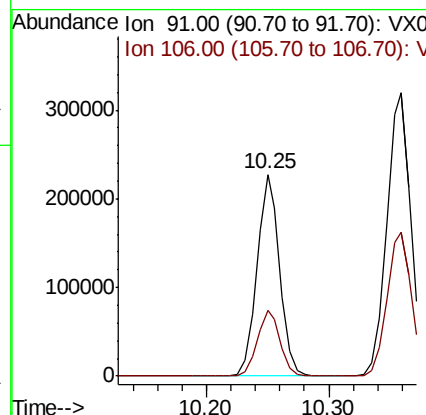
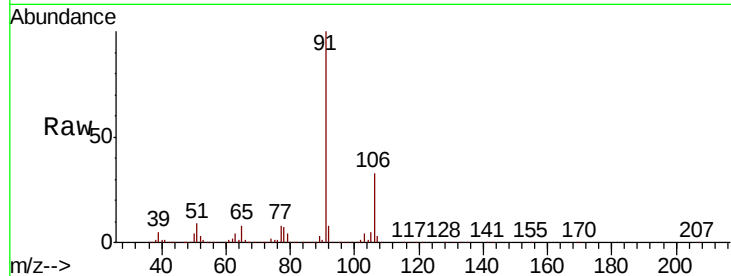




#67
Ethyl Benzene
Concen: 18.452 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX010277.D
Acq: 13 Jun 2019 16:59

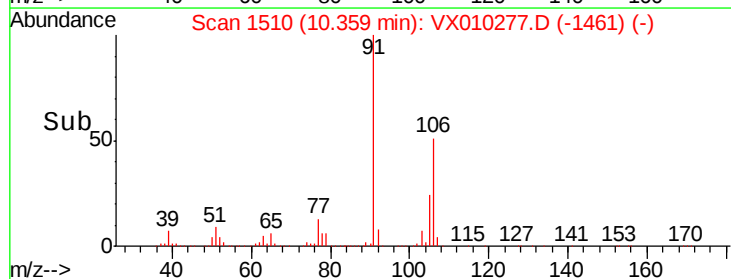
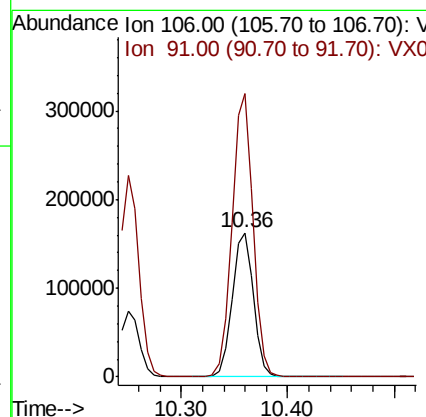
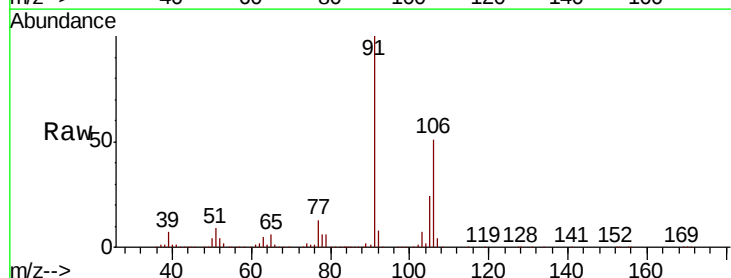
Instrument :
MSVOA_X
ClientSampleId :

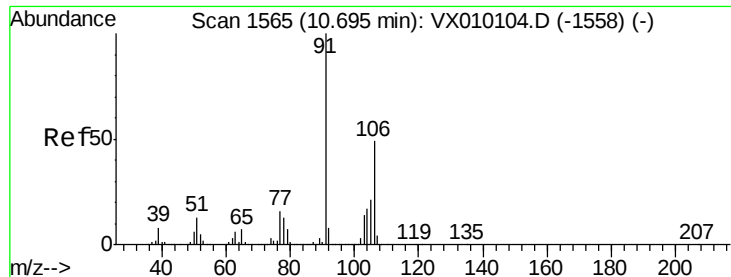
Tot Ion: 91 Resp: 293079
Ion Ratio Lower Upper
91 100
106 32.5 23.9 35.9



#68
m/p-Xylenes
Concen: 36.852 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX010277.D
Acq: 13 Jun 2019 16:59

Tgt Ion: 106 Resp: 226505
Ion Ratio Lower Upper
106 100
91 193.8 167.3 250.9

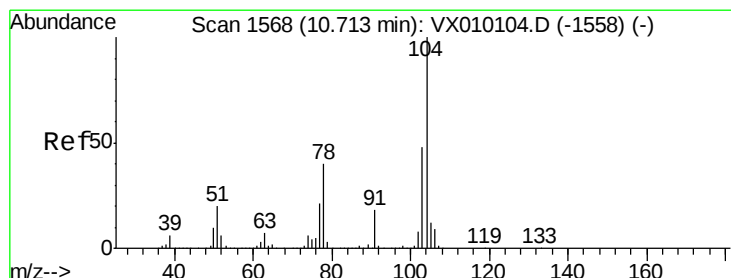
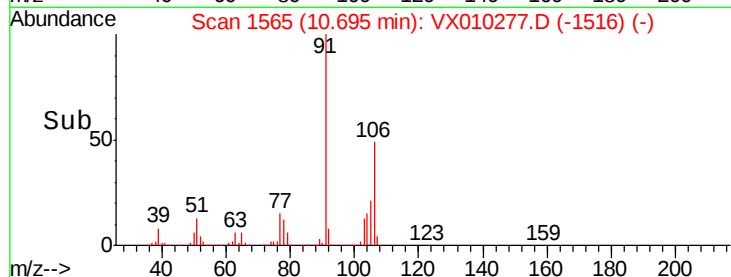
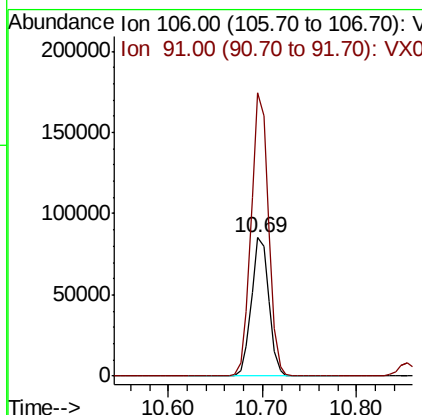
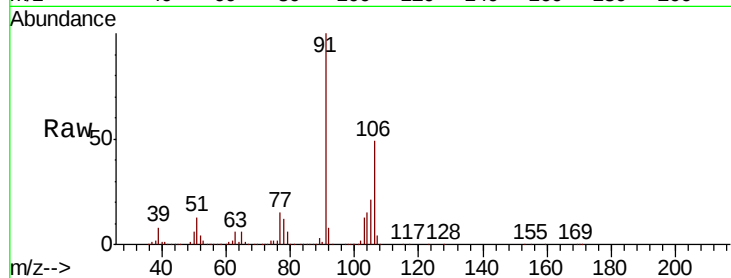




#69
o-Xylene
Concen: 18.388 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010277.D
Acq: 13 Jun 2019 16:59

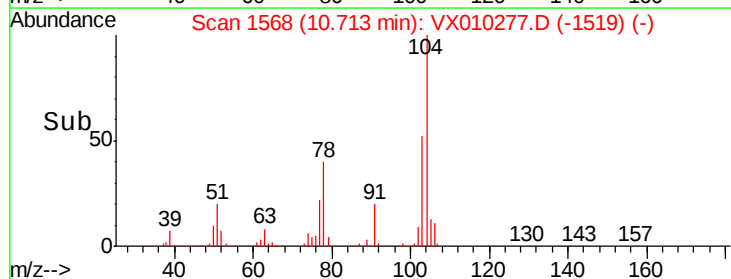
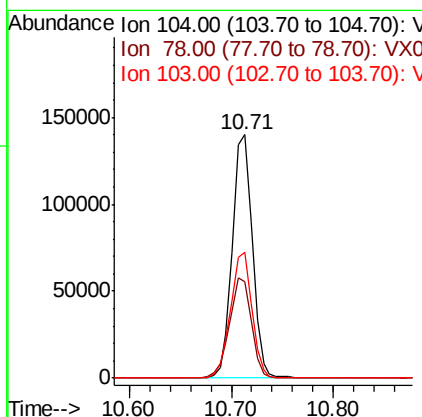
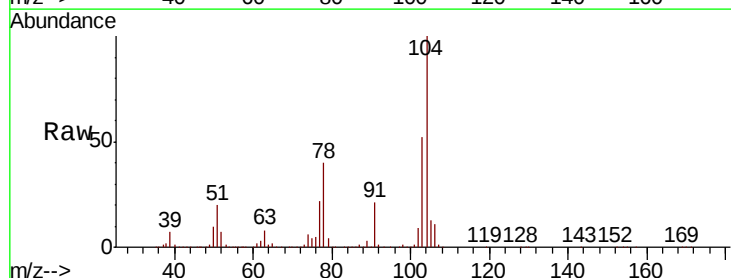
Instrument :
MSVOA_X
ClientSampleId :

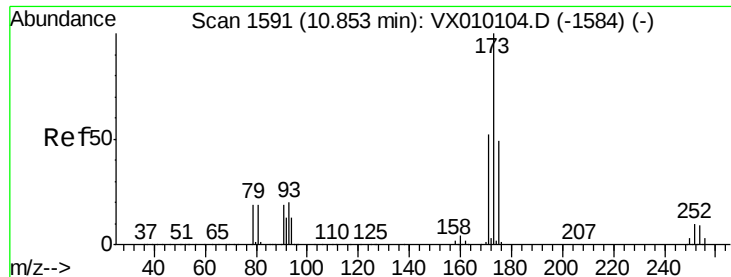
Tot Ion:106 Resp: 112346
Ion Ratio Lower Upper
106 100
91 201.8 110.4 331.2



#70
Styrene
Concen: 18.361 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX010277.D
Acq: 13 Jun 2019 16:59

Tgt Ion:104 Resp: 189992
Ion Ratio Lower Upper
104 100
78 45.4 42.1 63.1
103 55.3 44.1 66.1

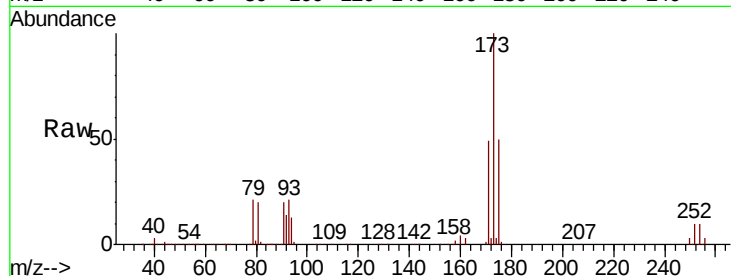




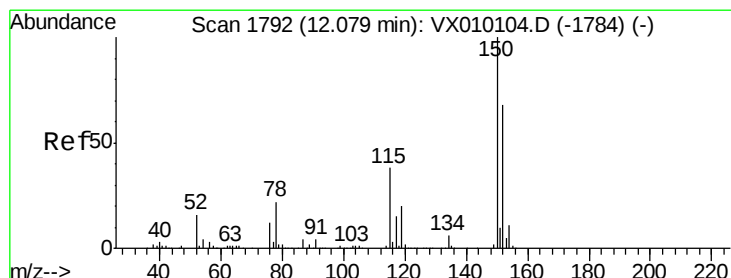
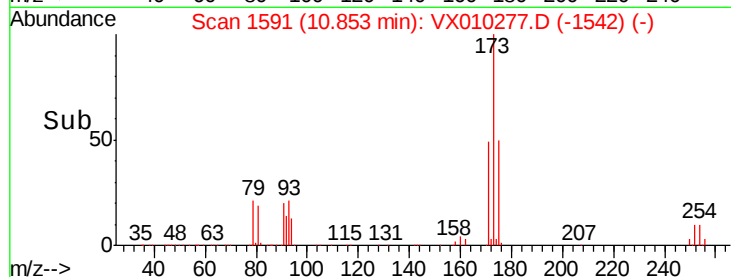
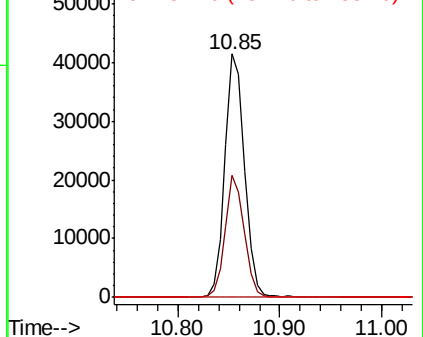
#71
Bromoform
Concen: 16.798 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VX010277.D
Acq: 13 Jun 2019 16:59

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:173 Resp: 55408
Ion Ratio Lower Upper
173 100
175 48.4 25.0 75.0
254 0.1 0.2 0.2#

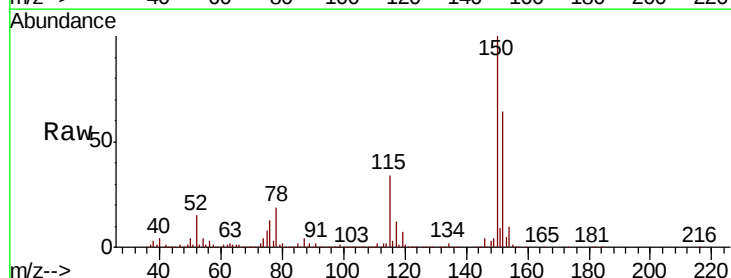


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

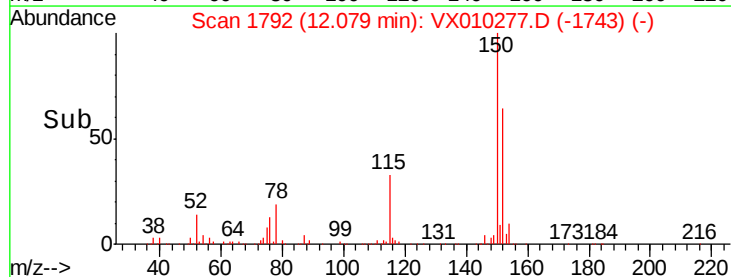
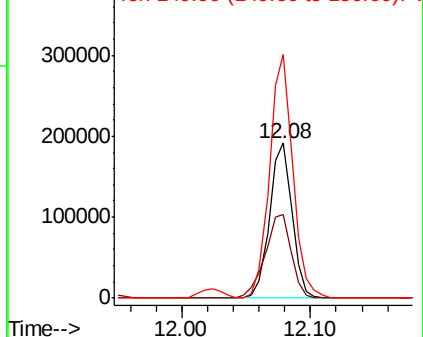


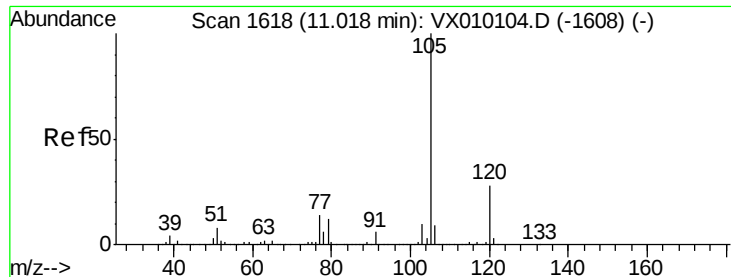
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX010277.D
Acq: 13 Jun 2019 16:59

Tgt Ion:152 Resp: 233859
Ion Ratio Lower Upper
152 100
115 62.2 41.4 124.2
150 161.7 0.0 345.2



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





#73

Isopropylbenzene

Concen: 17.998 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010277.D

Acq: 13 Jun 2019 16:59

Instrument :

MSVOA_X

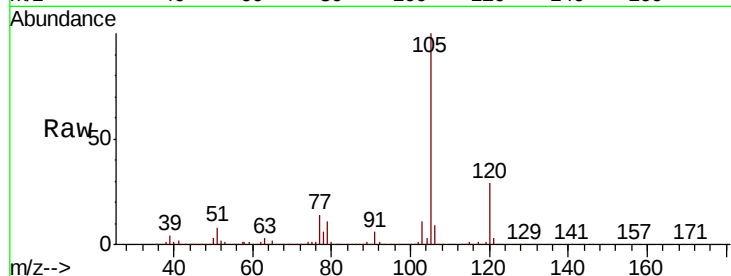
ClientSampled :

Tot Ion: 105 Resp: 293818

Ion Ratio Lower Upper

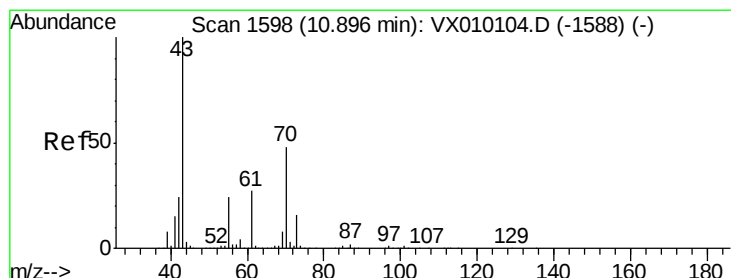
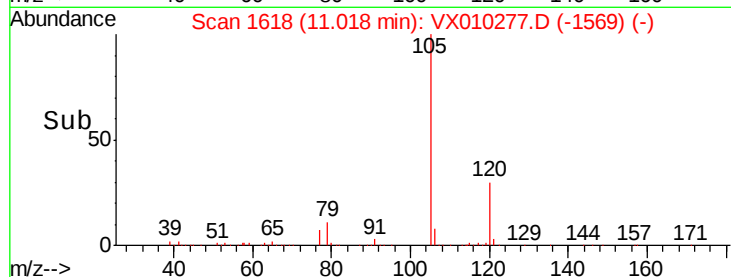
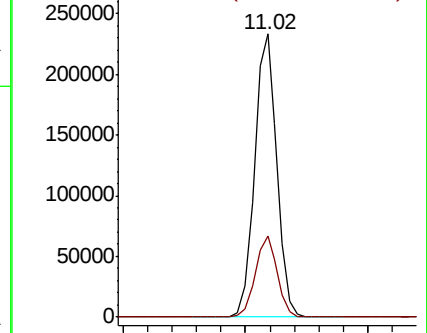
105 100

120 28.3 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.204 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX010277.D

Acq: 13 Jun 2019 16:59

Tgt Ion: 43 Resp: 117473

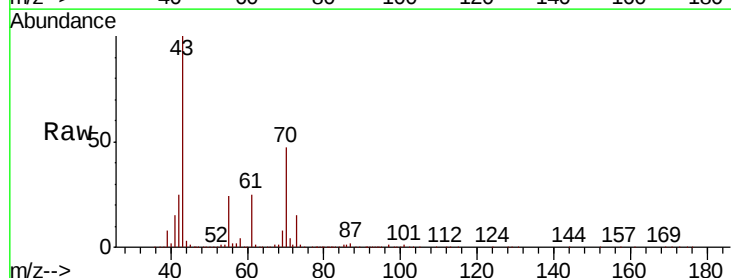
Ion Ratio Lower Upper

43 100

70 46.1 28.6 43.0#

55 22.8 17.8 26.8

61 26.1 17.7 26.5

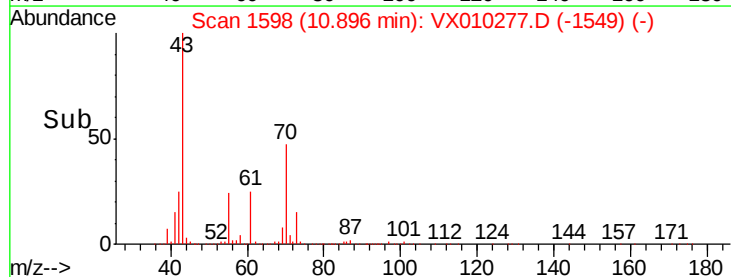
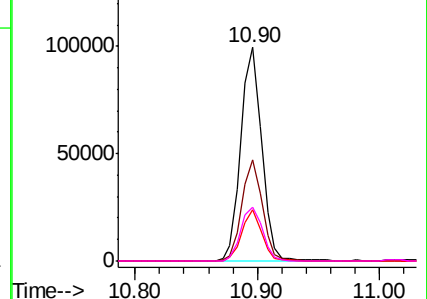


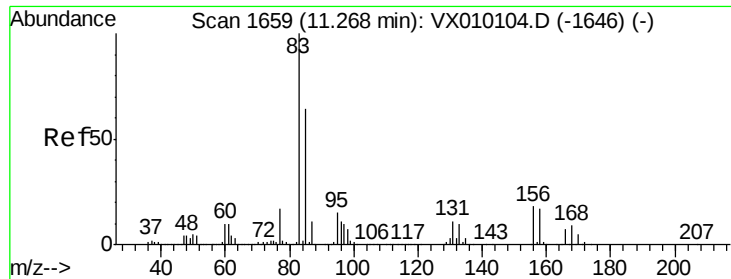
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 17.887 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX010277.D

Acq: 13 Jun 2019 16:59

Instrument :

MSVOA_X

ClientSampleId :

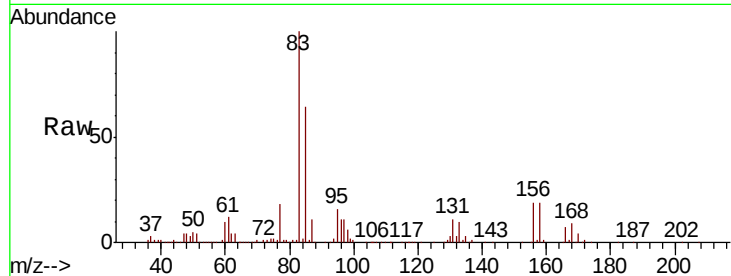
Tot Ion: 83 Resp: 99957

Ion	Ratio	Lower	Upper
83	100		
131	11.1	4.7	14.1
85	65.4	31.9	95.9

83 100

131 11.1 4.7 14.1

85 65.4 31.9 95.9

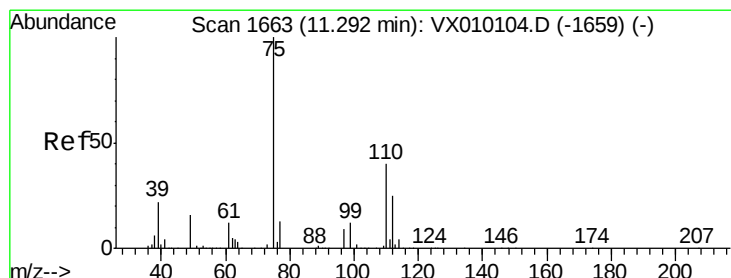
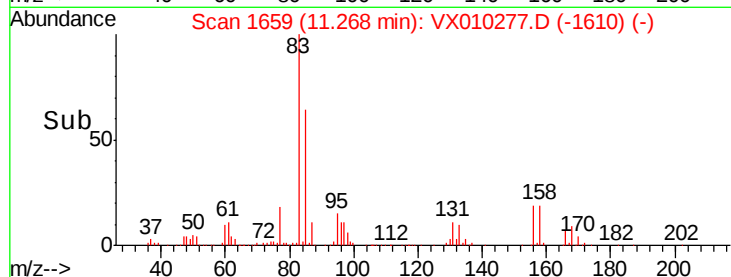
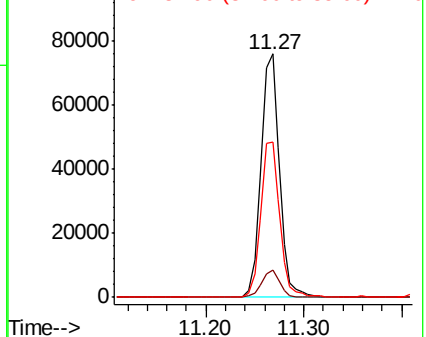


Abundance

Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 23.553 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX010277.D

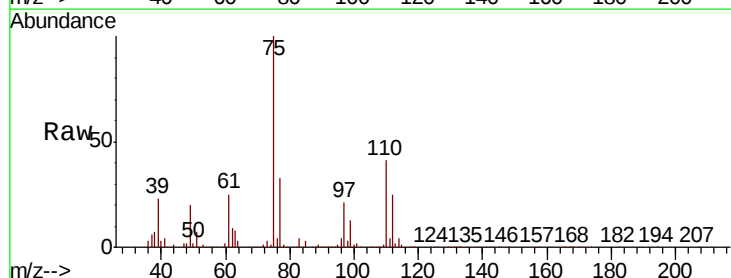
Acq: 13 Jun 2019 16:59

Tgt Ion: 75 Resp: 110172

Ion	Ratio	Lower	Upper
75	100		
77	33.9	22.1	66.1

75 100

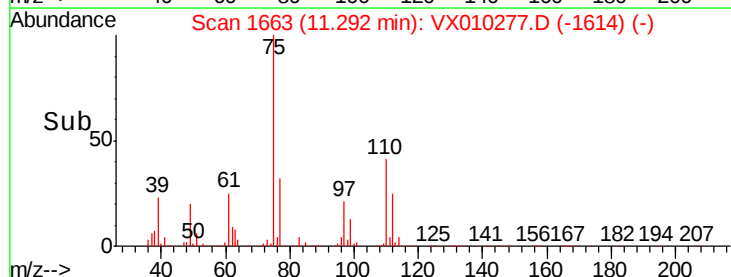
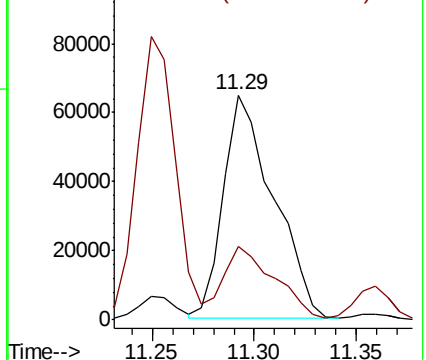
77 33.9 22.1 66.1

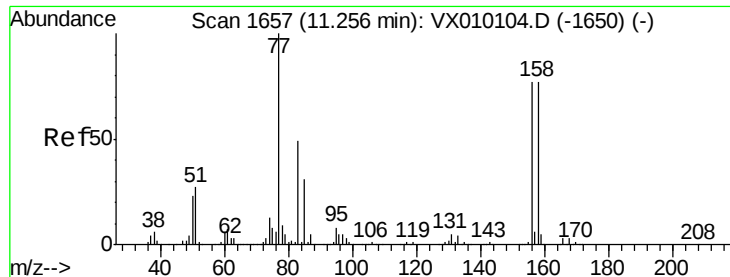


Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.231 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX010277.D

Acq: 13 Jun 2019 16:59

Instrument :

MSVOA_X

ClientSampleId :

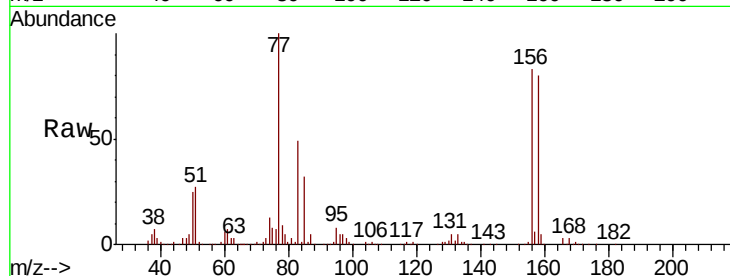
Tot Ion:156 Resp: 81844

Ion Ratio Lower Upper

156 100

77 130.8 86.8 260.3

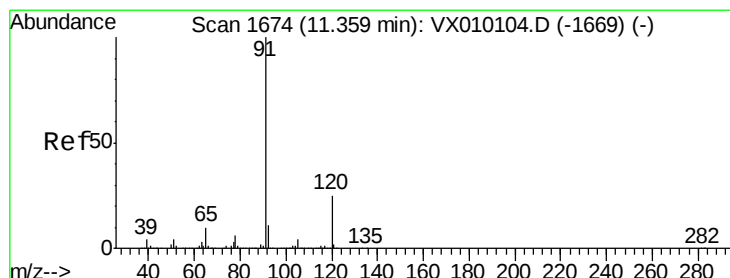
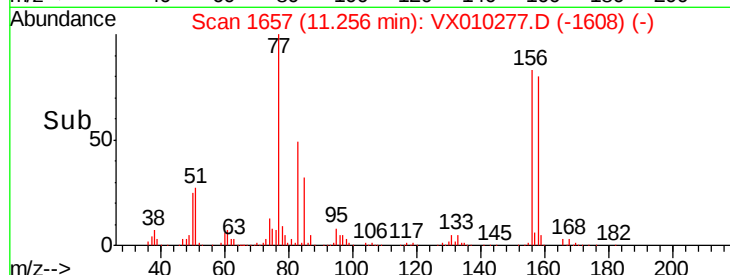
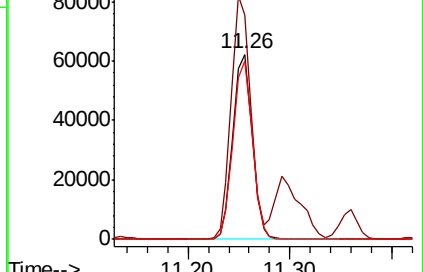
158 96.6 49.6 148.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.173 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010277.D

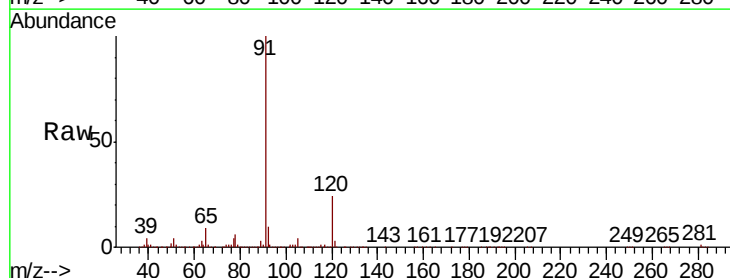
Acq: 13 Jun 2019 16:59

Tgt Ion: 91 Resp: 330277

Ion Ratio Lower Upper

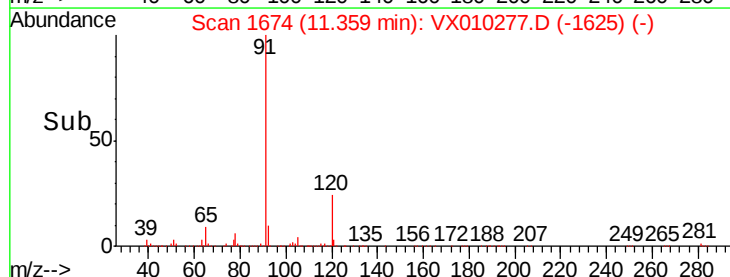
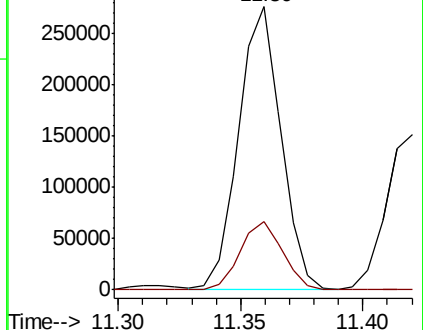
91 100

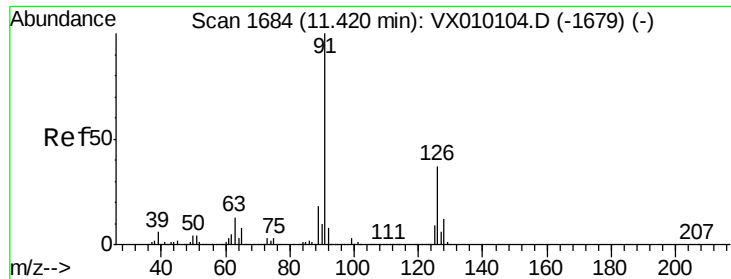
120 24.5 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 17.648 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX010277.D

Acq: 13 Jun 2019 16:59

Instrument :

MSVOA_X

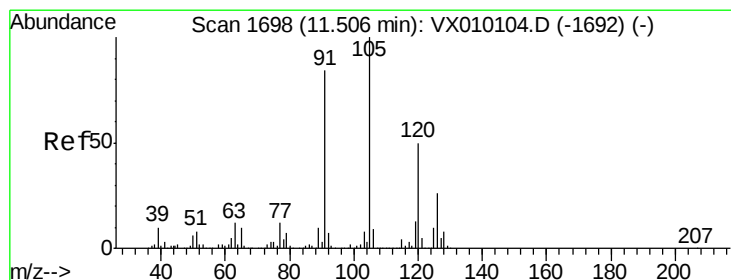
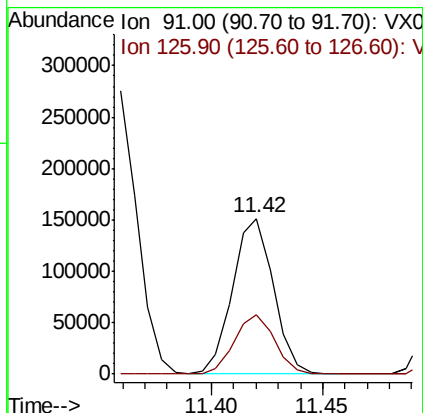
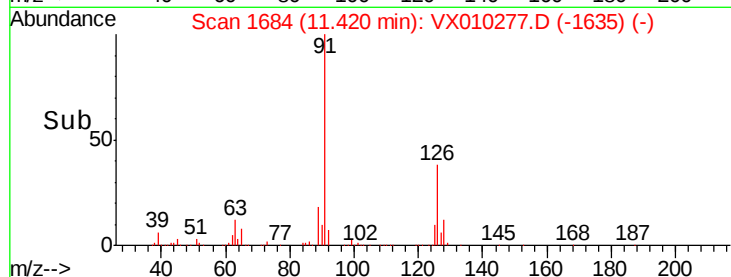
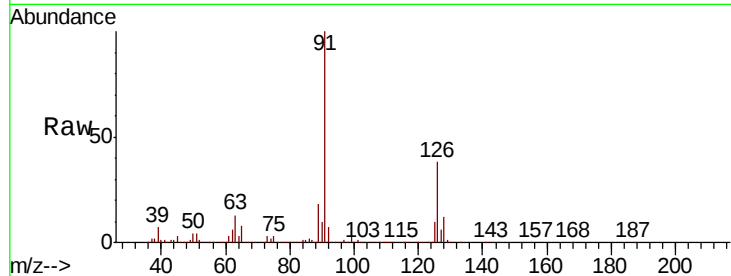
ClientSampleId :

Tot Ion: 91 Resp: 192631

Ion Ratio Lower Upper

91 100

126 37.9 16.1 48.3



#80

1,3,5-Trimethylbenzene

Concen: 17.813 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010277.D

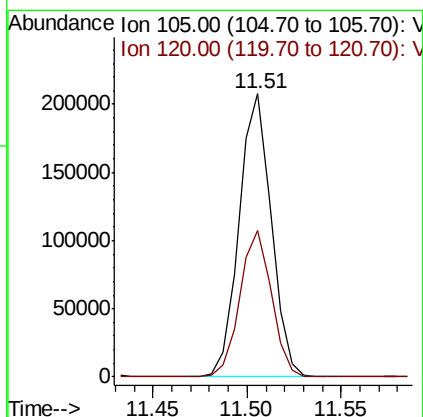
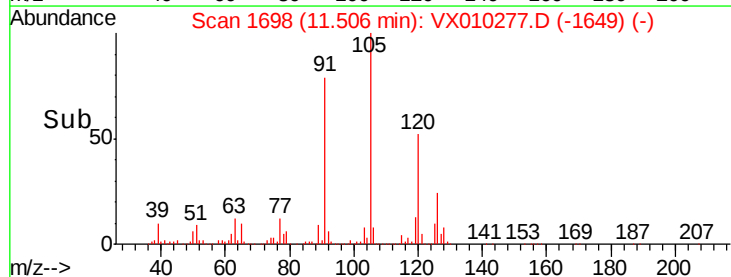
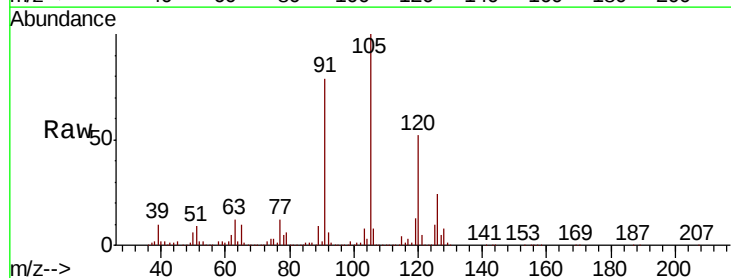
Acq: 13 Jun 2019 16:59

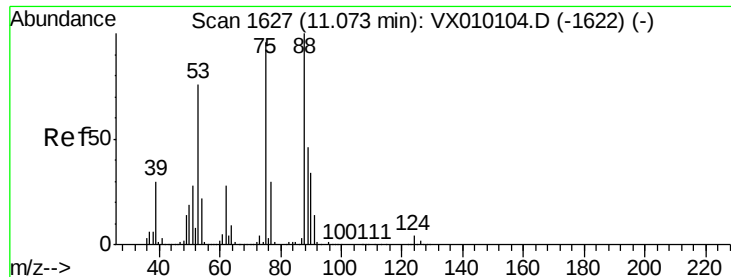
Tgt Ion: 105 Resp: 244931

Ion Ratio Lower Upper

105 100

120 51.1 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 15.425 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX010277.D

Acq: 13 Jun 2019 16:59

Instrument :

MSVOA_X

ClientSampleId :

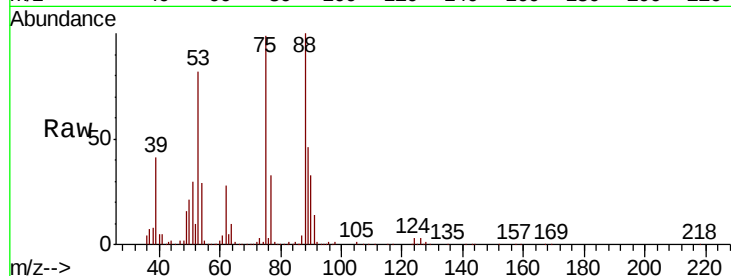
Tot Ion: 75 Resp: 32656

Ion Ratio Lower Upper

75 100

53 85.0 79.8 119.6

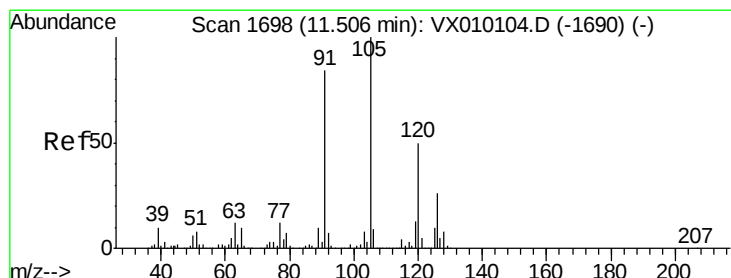
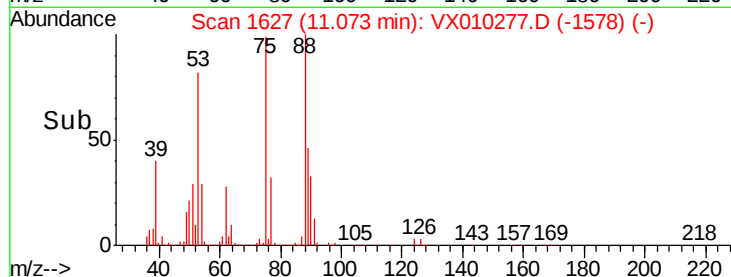
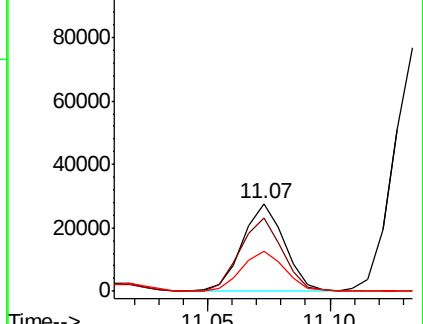
89 47.4 34.2 51.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 17.875 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.01 min

Lab File: VX010277.D

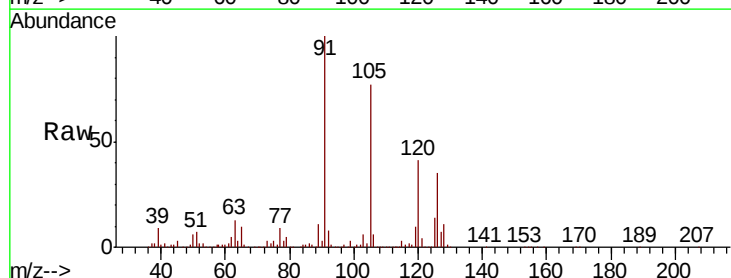
Acq: 13 Jun 2019 16:59

Tgt Ion: 91 Resp: 221636

Ion Ratio Lower Upper

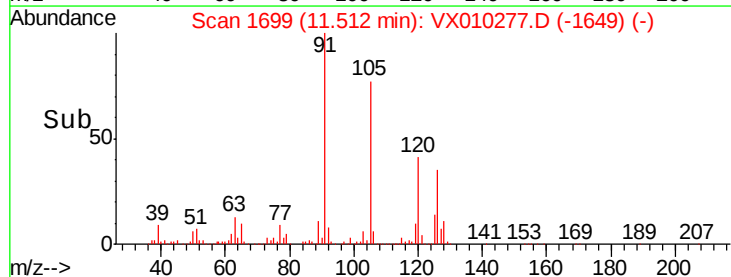
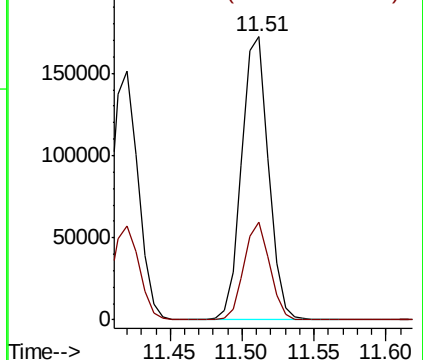
91 100

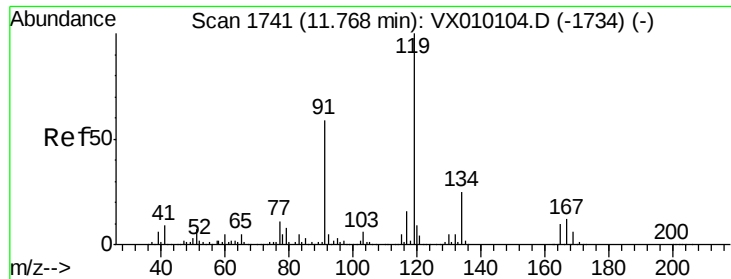
126 33.2 14.2 42.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

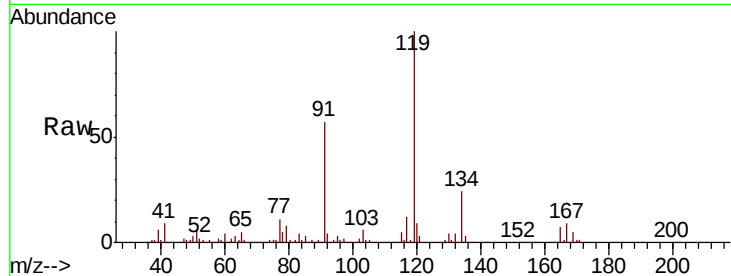




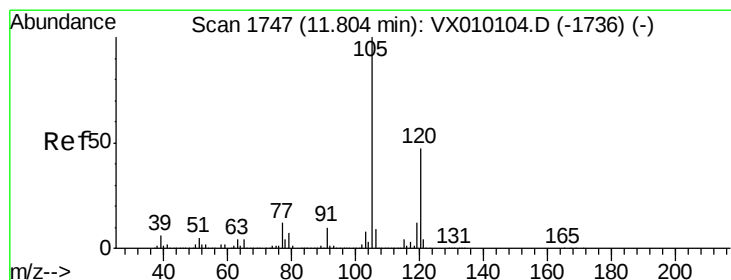
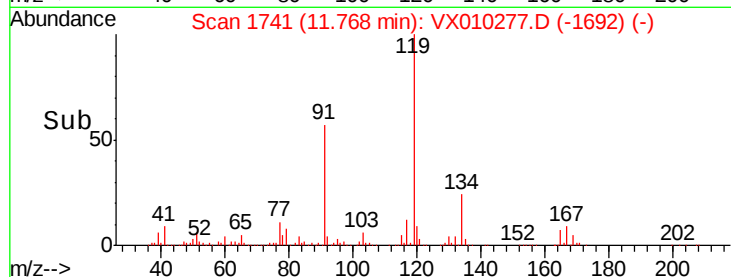
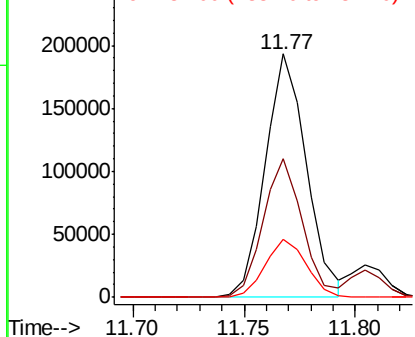
#83
tert-Butylbenzene
Concen: 17.790 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX010277.D
Acq: 13 Jun 2019 16:59

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:119 Resp: 247582
Ion Ratio Lower Upper
119 100
91 54.8 30.0 90.0
134 23.8 11.2 33.5

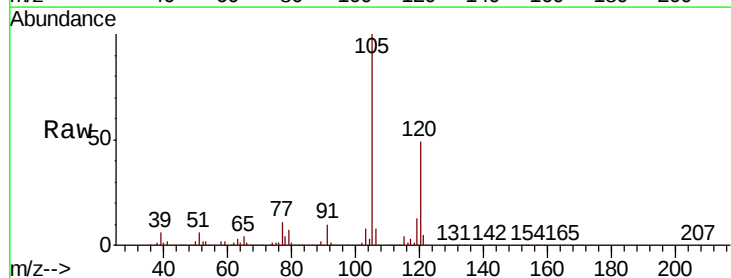


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V

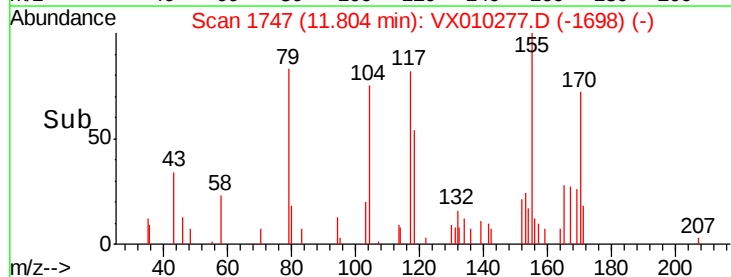
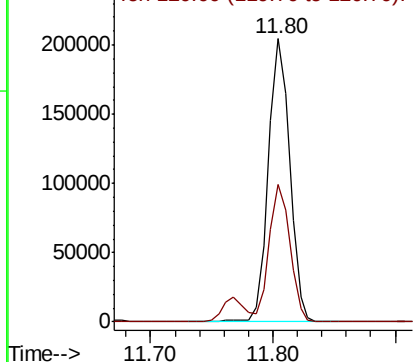


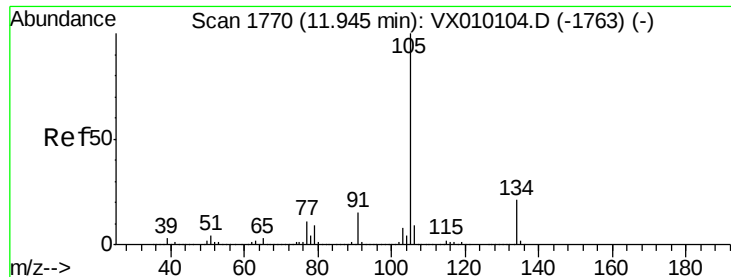
#84
1,2,4-Trimethylbenzene
Concen: 17.968 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX010277.D
Acq: 13 Jun 2019 16:59

Tgt Ion:105 Resp: 249547
Ion Ratio Lower Upper
105 100
120 46.9 22.1 66.1



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





#85

sec-Butylbenzene

Concen: 17.882 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX010277.D

Acq: 13 Jun 2019 16:59

Instrument :

MSVOA_X

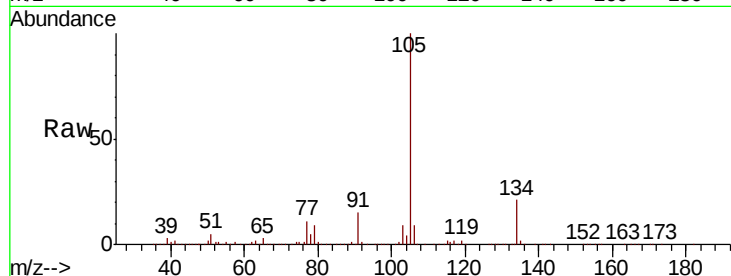
ClientSampled :

Tot Ion:105 Resp: 289931

Ion Ratio Lower Upper

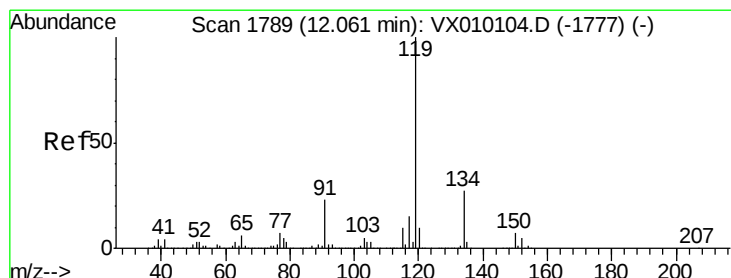
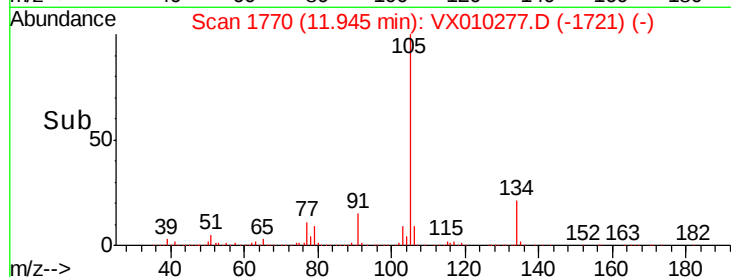
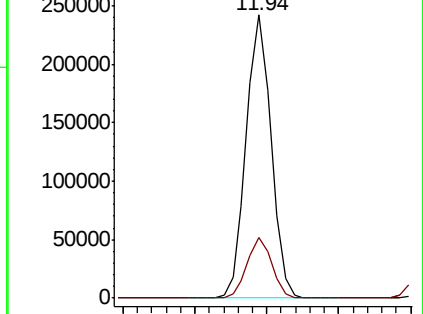
105 100

134 21.3 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.211 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX010277.D

Acq: 13 Jun 2019 16:59

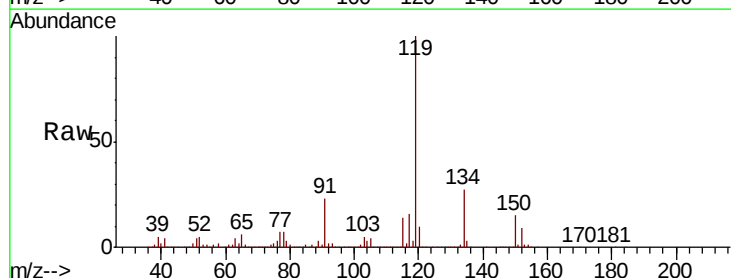
Tgt Ion:119 Resp: 269923

Ion Ratio Lower Upper

119 100

134 27.6 12.9 38.6

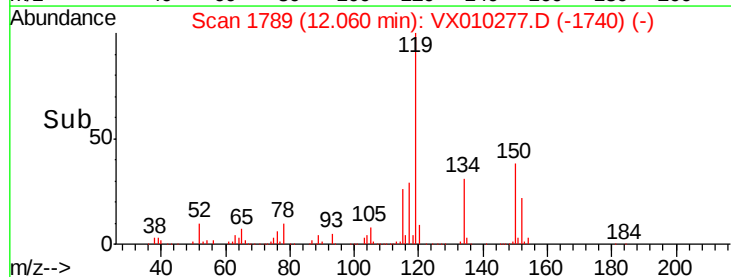
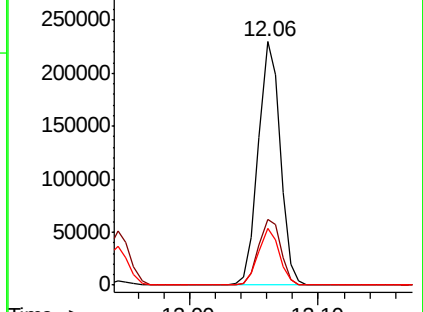
91 22.3 11.9 35.9

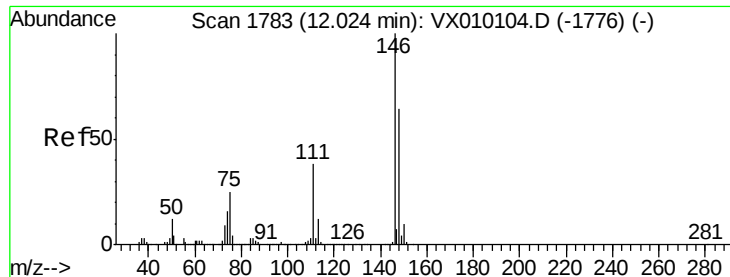


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

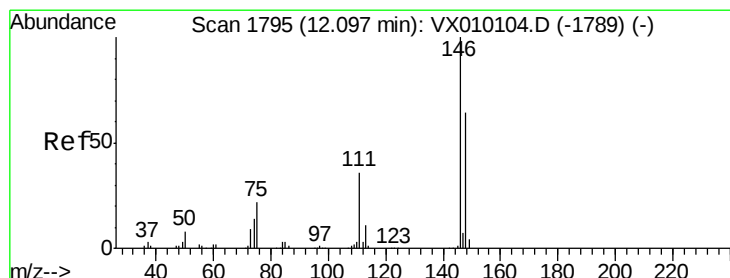
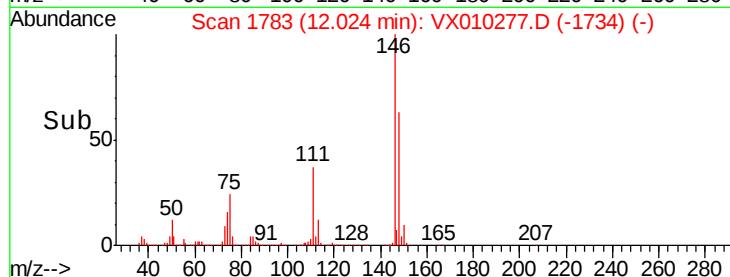
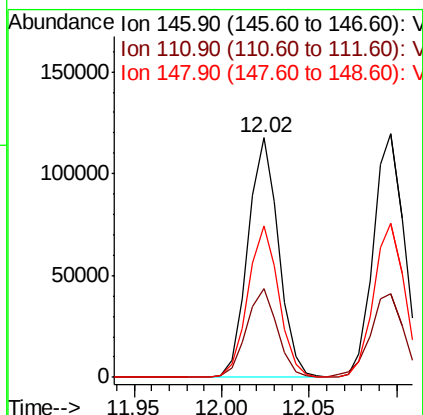
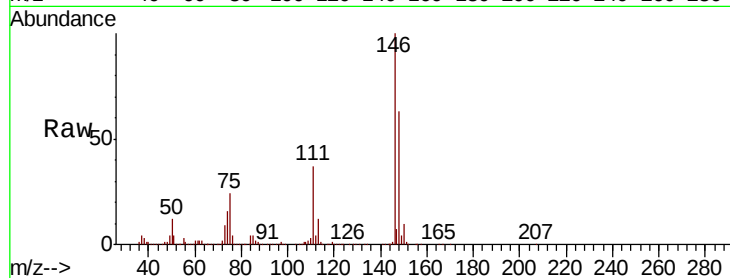




#87
 1,3-Dichlorobenzene
 Concen: 18.144 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX010277.D
 Acq: 13 Jun 2019 16:59

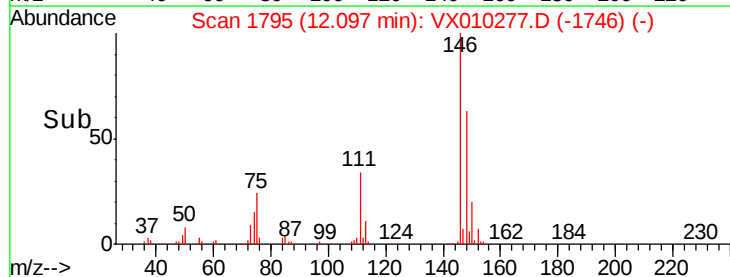
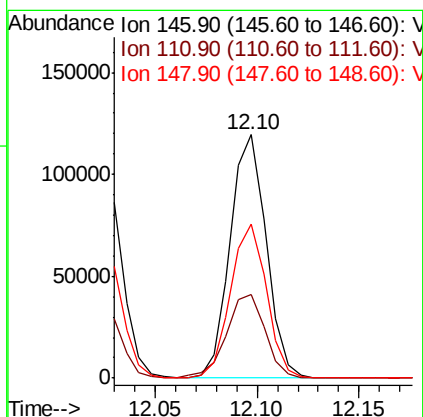
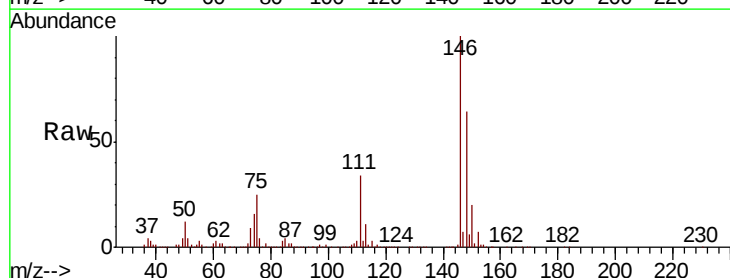
Instrument :
 MSVOA_X
 ClientSampleId :

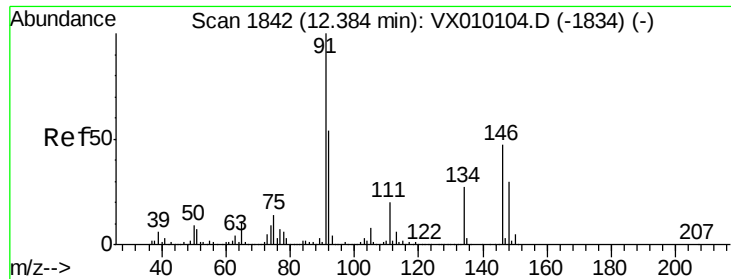
Tot Ion	Ratio	Lower	Upper
146	100		
111	36.8	20.1	60.2
148	63.6	31.9	95.5



#88
 1,4-Dichlorobenzene
 Concen: 18.360 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX010277.D
 Acq: 13 Jun 2019 16:59

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.0	20.0	59.9
148	63.4	32.3	96.9

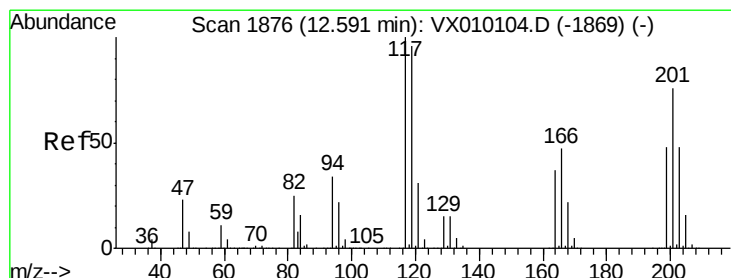
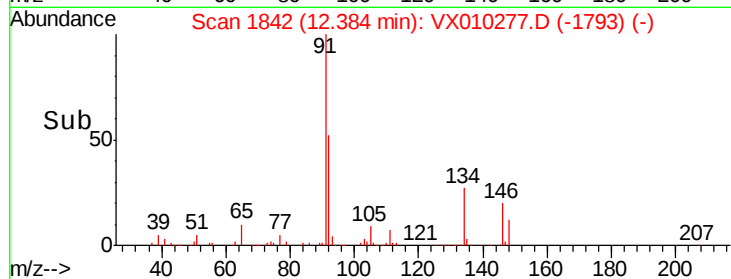
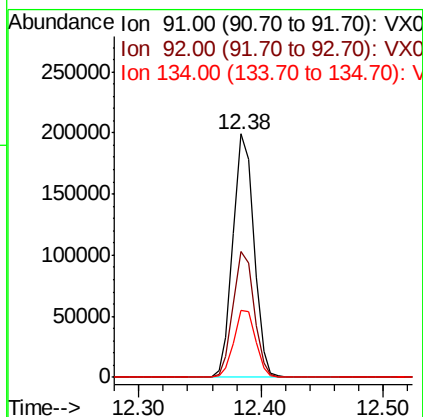
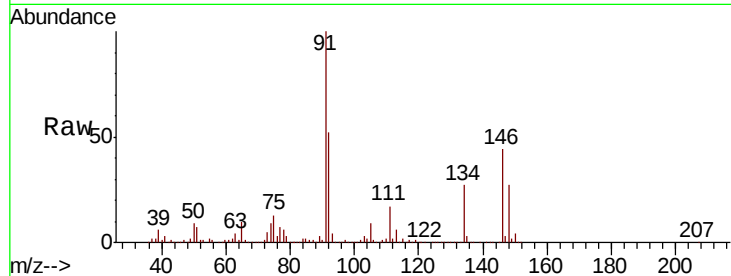




#89
n-Butylbenzene
Concen: 18.382 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX010277.D
Acq: 13 Jun 2019 16:59

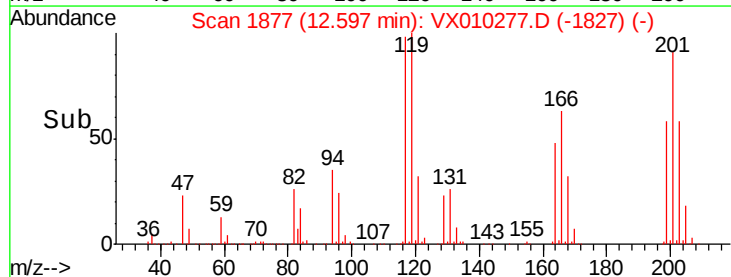
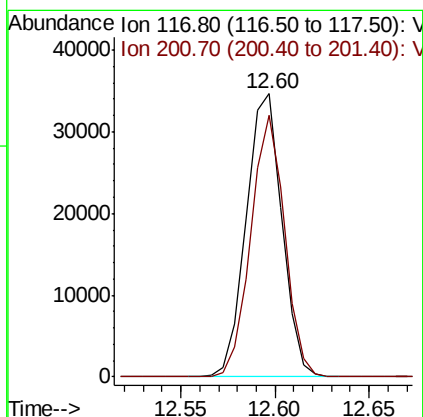
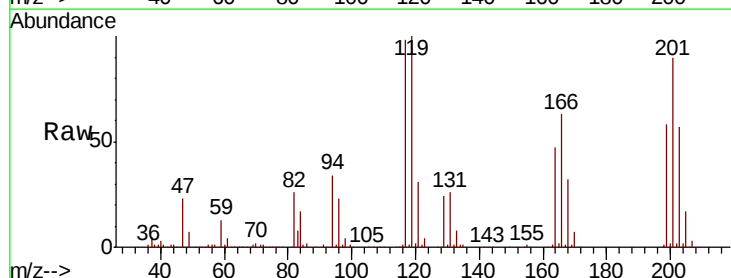
Instrument :
MSVOA_X
ClientSampleId :

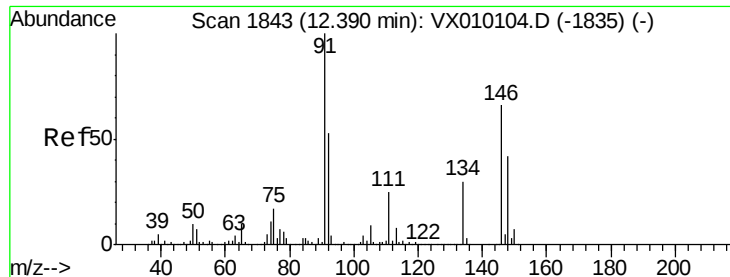
Tot Ion: 91 Resp: 234528
Ion Ratio Lower Upper
91 100
92 52.1 26.3 78.8
134 28.4 12.3 36.8



#90
Hexachloroethane
Concen: 15.464 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.01 min
Lab File: VX010277.D
Acq: 13 Jun 2019 16:59

Tgt Ion: 117 Resp: 45661
Ion Ratio Lower Upper
117 100
201 87.3 43.6 130.9





#91

1,2-Dichlorobenzene

Concen: 18.881 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX010277.D

Acq: 13 Jun 2019 16:59

Instrument :

MSVOA_X

ClientSampleId :

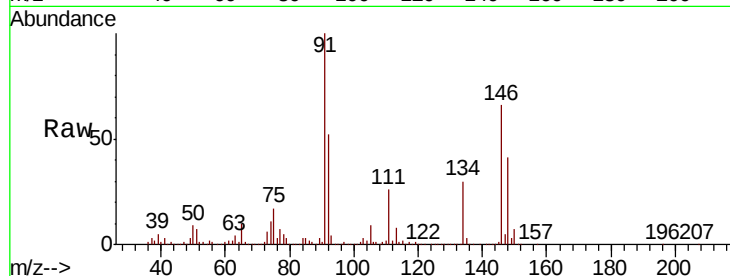
Tot Ion:146 Resp: 145147

Ion Ratio Lower Upper

146 100

111 38.3 21.1 63.1

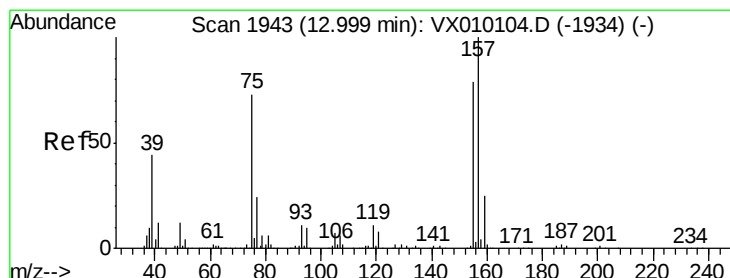
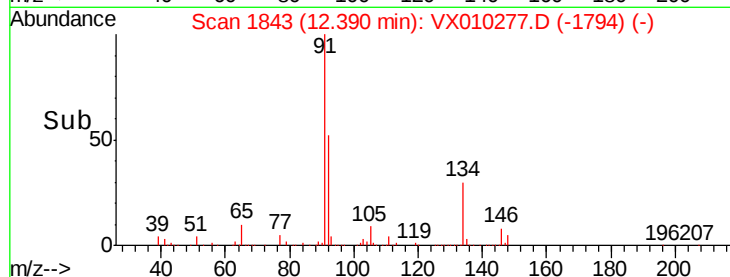
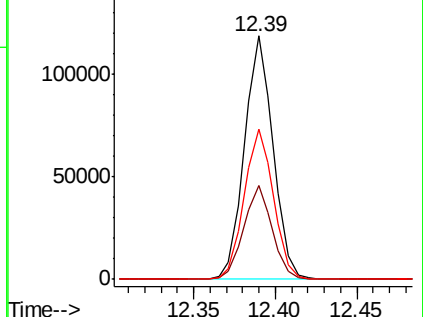
148 63.1 32.3 96.8



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.097 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX010277.D

Acq: 13 Jun 2019 16:59

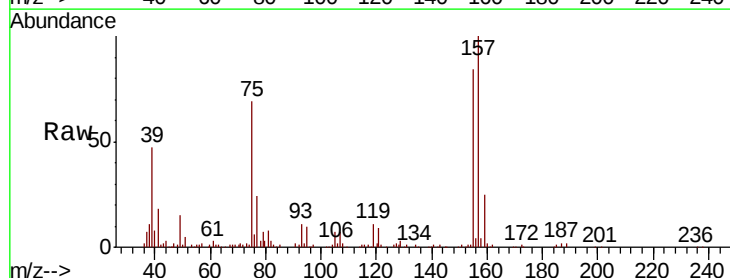
Tgt Ion: 75 Resp: 21167

Ion Ratio Lower Upper

75 100

155 110.7 39.3 117.8

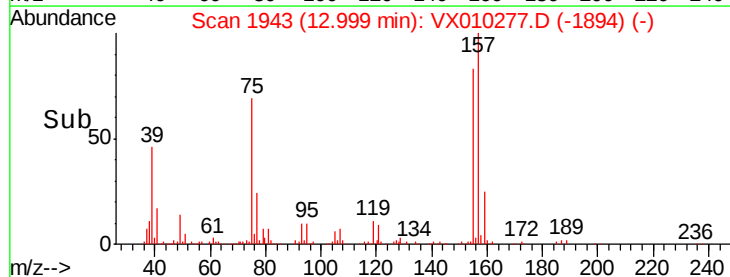
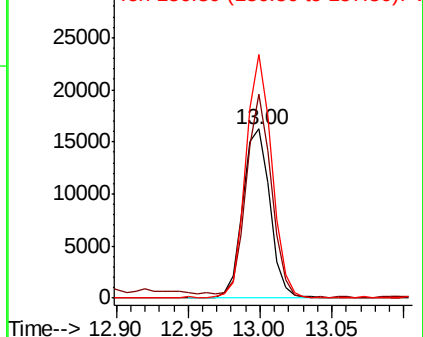
157 137.4 50.6 151.8

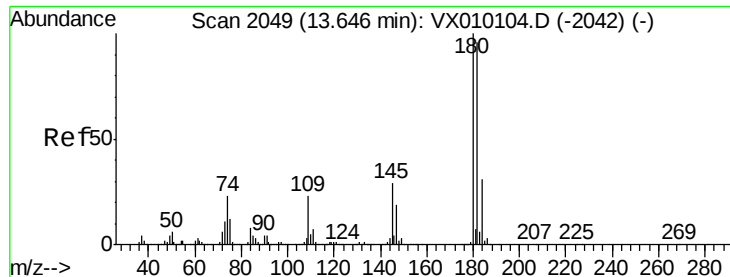


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

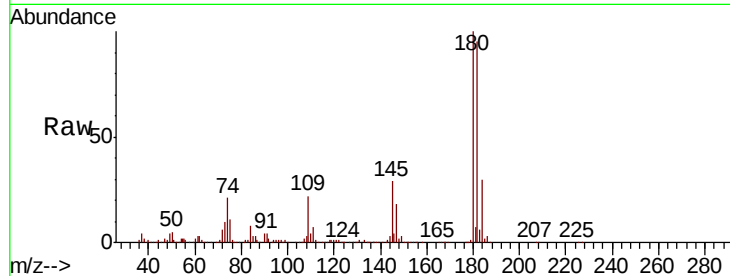




#93
 1,2,4-Trichlorobenzene
 Concen: 18.564 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX010277.D
 Acq: 13 Jun 2019 16:59

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.4	142.2
145	30.0	14.5	43.5

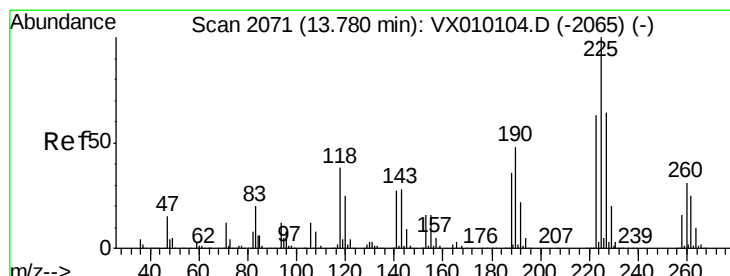
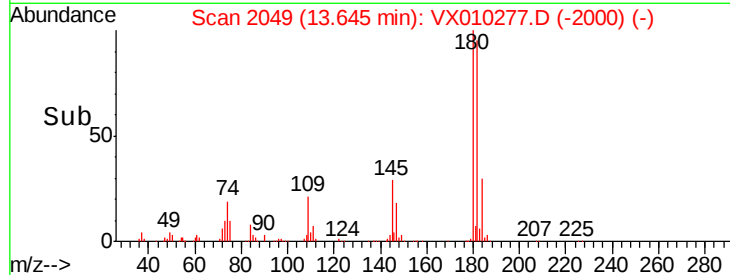
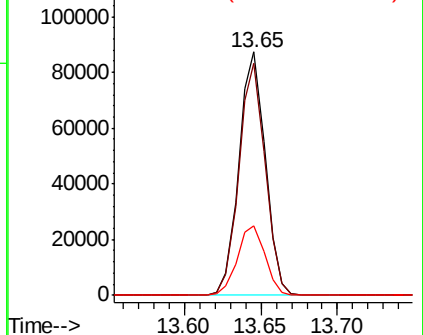


Abundance

Ion 179.80 (179.50 to 180.50): V

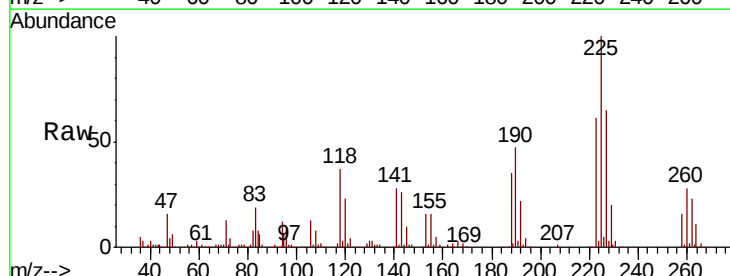
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 18.833 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX010277.D
 Acq: 13 Jun 2019 16:59

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	31.3	93.8
227	64.4	32.3	96.8

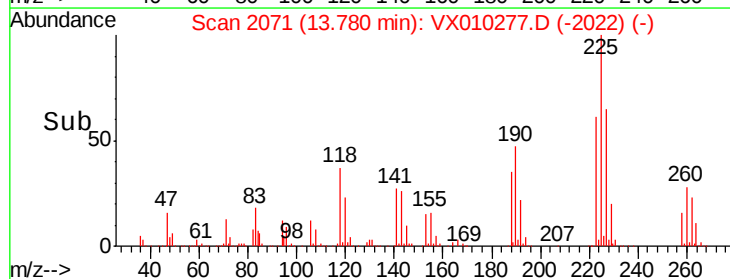
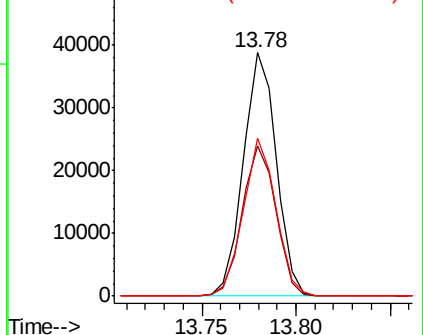


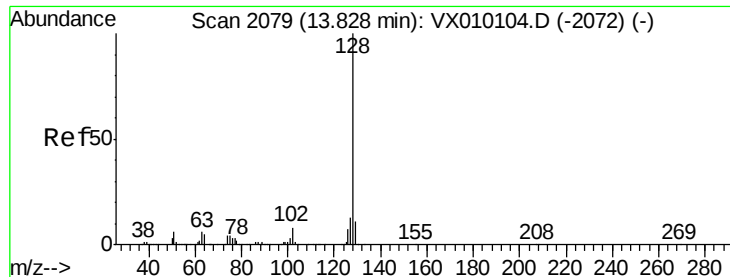
Abundance

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: 18.919 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.01 min

Lab File: VX010277.D

Acq: 13 Jun 2019 16:59

Instrument :

MSVOA_X

ClientSampleId :

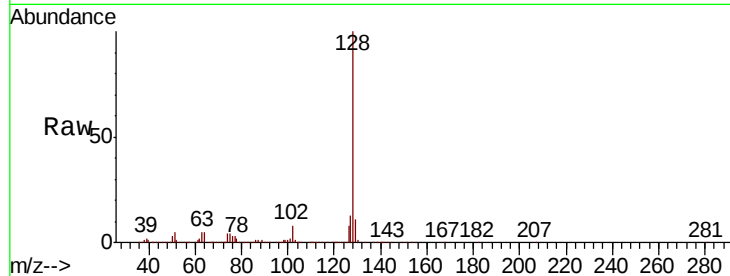
Tot Ion:128 Resp: 335130

Ion Ratio Lower Upper

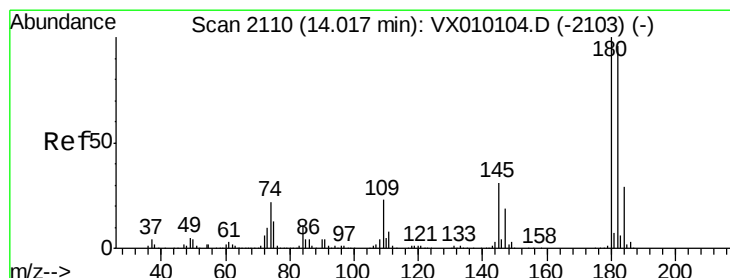
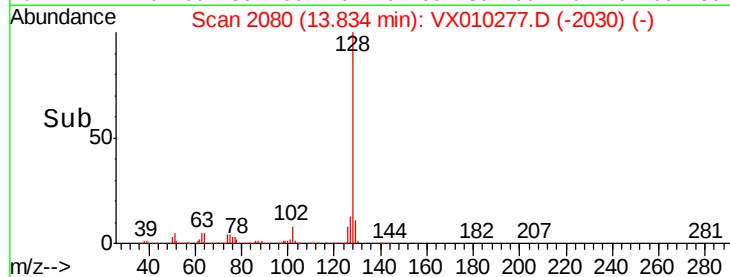
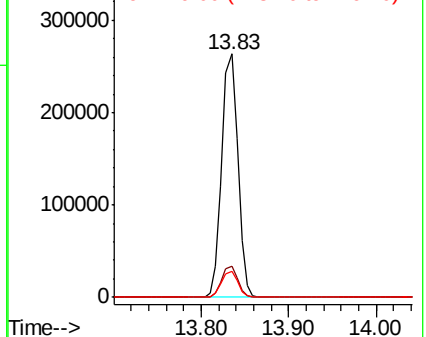
128 100

127 12.8 10.6 16.0

129 11.0 8.8 13.2



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



#96

1,2,3-Trichlorobenzene

Concen: 18.543 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX010277.D

Acq: 13 Jun 2019 16:59

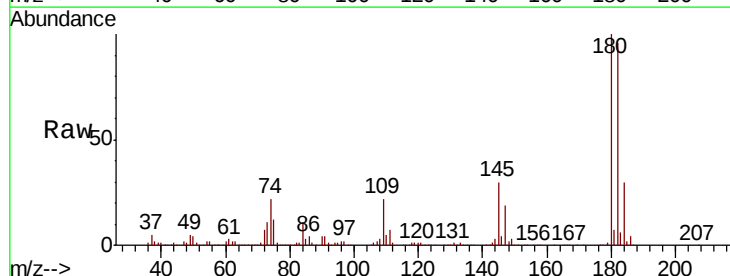
Tgt Ion:180 Resp: 103170

Ion Ratio Lower Upper

180 100

182 96.9 47.3 142.0

145 31.2 15.6 46.7



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

