

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052720\
 Data File : VX016466.D
 Acq On : 27 May 2020 23:17
 Operator : JC/SP
 Sample : L2757-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C0AP4

Quant Time: May 28 03:03:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	345956	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	566240	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	549534	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	284810	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	201812	46.97	ug/l	0.00
Spiked Amount			Recovery	=	93.94%	
35) Dibromofluoromethane	5.47	113	166006	47.61	ug/l	0.00
Spiked Amount			Recovery	=	95.22%	
50) Toluene-d8	8.70	98	690582	50.89	ug/l	0.00
Spiked Amount			Recovery	=	101.78%	
62) 4-Bromofluorobenzene	11.12	95	307711	58.68	ug/l	0.00
Spiked Amount			Recovery	=	117.36%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.63	94	549	0.260	ug/l #	30
8) Diethyl Ether	2.15	74	513	0.215	ug/l #	2
10) Methyl Iodide	2.49	142	241	3.116	ug/l #	76
11) Tert butyl alcohol	2.75	59	89644	81.368	ug/l #	73
13) Acrolein	2.27	56	2103	4.487	ug/l #	1
14) Allyl chloride	2.75	41	15138	2.473	ug/l #	34
16) Acetone	2.42	43	247113	131.281	ug/l	100
18) Methyl Acetate	2.75	43	1205801	249.763	ug/l	99
20) Methylene Chloride	2.83	84	7066	1.814	ug/l	90
25) 2-Butanone	4.64	43	516737	162.011	ug/l	98
29) Tetrahydrofuran	5.09	42	151999	73.765	ug/l	100
36) 1,1-Dichloropropene	5.64	75	25503	4.757	ug/l #	51
37) Ethyl Acetate	4.64	43	516737	80.281	ug/l #	68
38) Carbon Tetrachloride	5.64	117	31782	5.641	ug/l #	16
40) Benzene	6.12	78	499197	31.267	ug/l	99
41) Methacrylonitrile	5.09	41	82098	23.221	ug/l #	43
42) 1,2-Dichloroethane	6.11	62	5132	0.904	ug/l #	73
43) Isopropyl Acetate	6.42	43	120137	11.966	ug/l	98
45) 1,2-Dichloropropane	7.52	63	1034	0.254	ug/l	97
48) Methyl methacrylate	7.75	41	7300	1.519	ug/l	97
49) 1,4-Dioxane	7.69	88	202	1.796	ug/l #	1
51) 4-Methyl-2-Pentanone	8.60	43	92971	14.872	ug/l #	34
52) Toluene	8.77	92	2701102	268.294	ug/l	98
53) t-1,3-Dichloropropene	9.01	75	2797	0.435	ug/l #	38
54) cis-1,3-Dichloropropene	8.60	75	45514	6.690	ug/l #	58
55) 1,1,2-Trichloroethane	9.21	97	4709	1.176	ug/l #	19
56) Ethyl methacrylate	9.05	69	3972	0.609	ug/l #	27
59) 2-Hexanone	9.47	43	341163	70.176	ug/l	99
67) Ethyl Benzene	10.24	91	1430420	71.711	ug/l	99
68) m/p-Xylenes	10.34	106	1275421	172.453	ug/l	100
69) o-Xylene	10.68	106	751606	104.937	ug/l	97
70) Styrene	10.70	104	194025	15.760	ug/l #	45
73) Isopropylbenzene	11.00	105	58436	2.961	ug/l	100
74) N-amyl acetate	10.88	43	13183	1.452	ug/l #	77

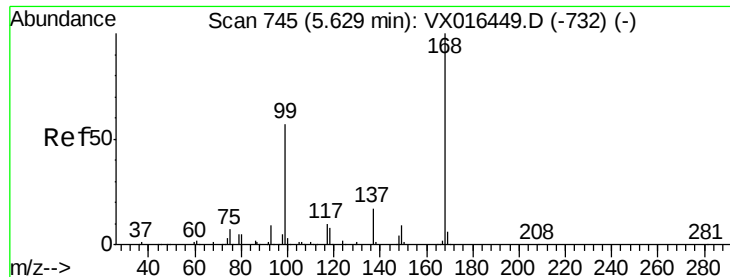
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052720\
Data File : VX016466.D
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
Quant Title : SW846 8260
QLast Update : Wed May 27 16:31:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
75) 1,1,2,2-Tetrachloroethane	11.26	83	38773	7.840	ug/l #	69
76) 1,2,3-Trichloropropane	11.42	75	6033	0.964	ug/l #	1
78) n-propylbenzene	11.34	91	207306	9.403	ug/l	100
79) 2-Chlorotoluene	11.42	91	85349	6.342	ug/l #	48
80) 1,3,5-Trimethylbenzene	11.49	105	174893	10.614	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	4548	1.787	ug/l #	68
82) 4-Chlorotoluene	11.49	91	19159	1.206	ug/l #	56
83) tert-Butylbenzene	11.79	119	81648	5.799	ug/l #	63
84) 1,2,4-Trimethylbenzene	11.79	105	668320	40.106	ug/l	100
85) sec-Butylbenzene	11.79	105	668320	37.839	ug/l #	56
86) p-Isopropyltoluene	12.05	119	28182	1.703	ug/l #	75
89) n-Butylbenzene	12.37	91	36796	2.670	ug/l #	59
90) Hexachloroethane	12.59	117	11081	3.878	ug/l #	6
92) 1,2-Dibromo-3-Chloropropan	13.00	75	35247	22.002	ug/l #	1
95) Naphthalene	13.82	128	957032	48.385	ug/l #	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX016466.D

Acq: 27 May 2020 23:17

Instrument :

MSVOA_X

ClientSampleId :

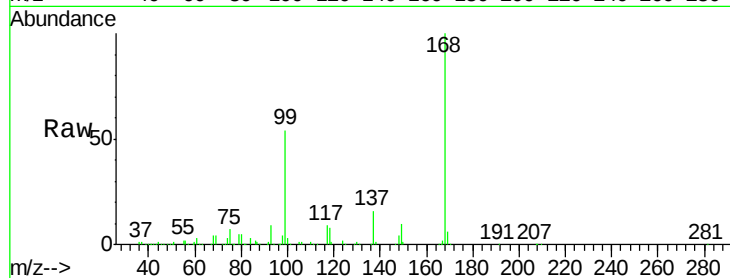
C0AP4

Tot Ion:168 Resp: 345956

Ion Ratio Lower Upper

168 100

99 54.4 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

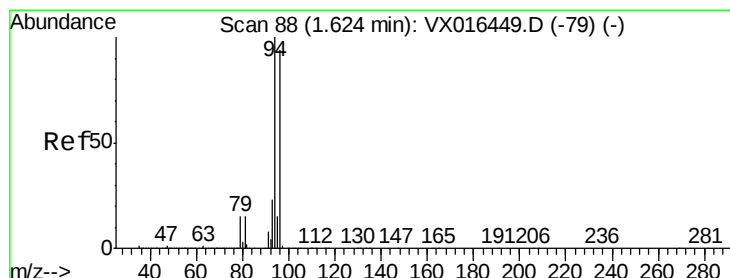
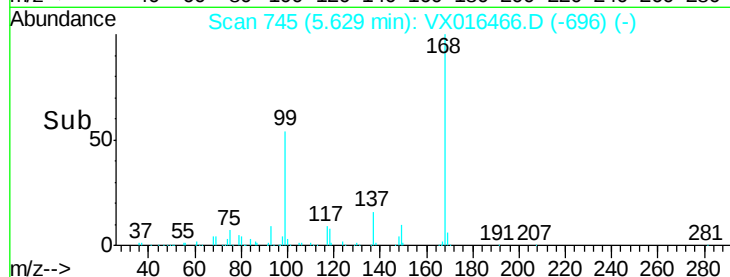
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.260 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX016466.D

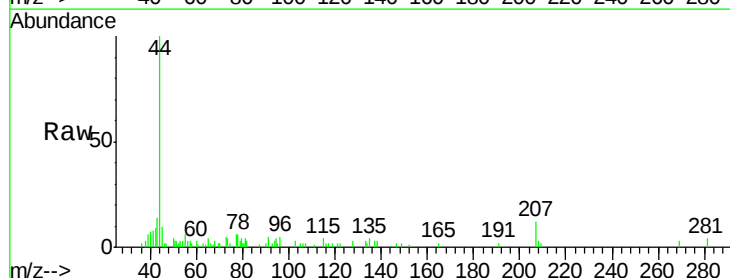
Acq: 27 May 2020 23:17

Tgt Ion: 94 Resp: 549

Ion Ratio Lower Upper

94 100

96 26.7 75.1 112.7#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

300

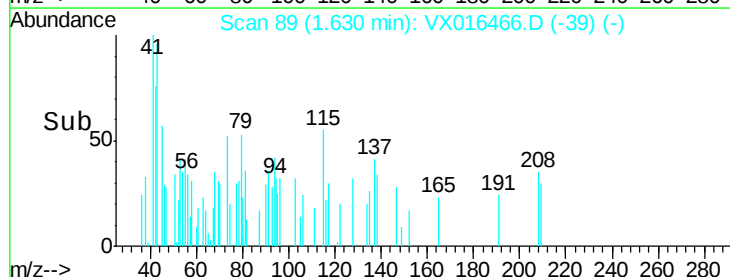
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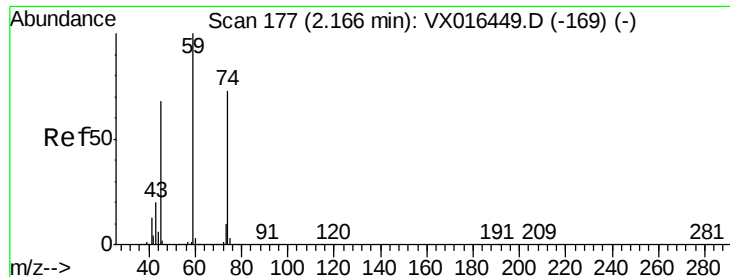
100

0

Time-->

1.60 1.65 1.70





#8

Diethyl Ether

Concen: 0.215 ug/l

RT: 2.15 min Scan# 175

Delta R.T. -0.01 min

Lab File: VX016466.D

Acq: 27 May 2020 23:17

Instrument :

MSVOA_X

ClientSampleId :

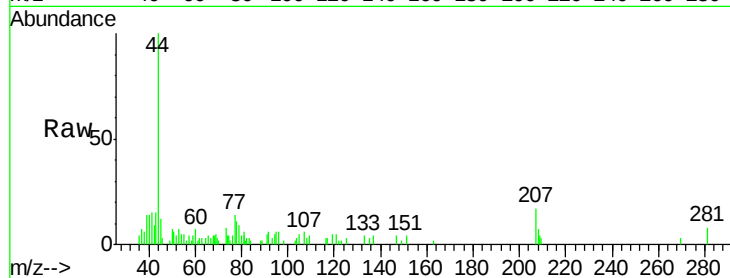
C0AP4

Tot Ion: 74 Resp: 513

Ion Ratio Lower Upper

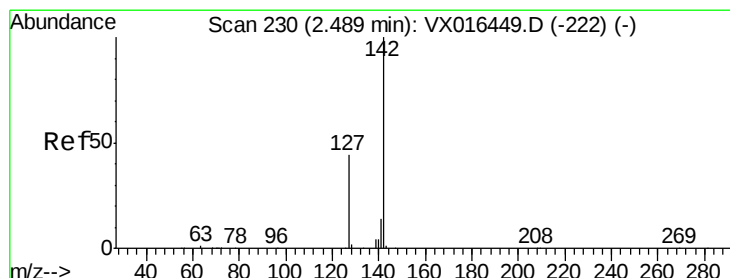
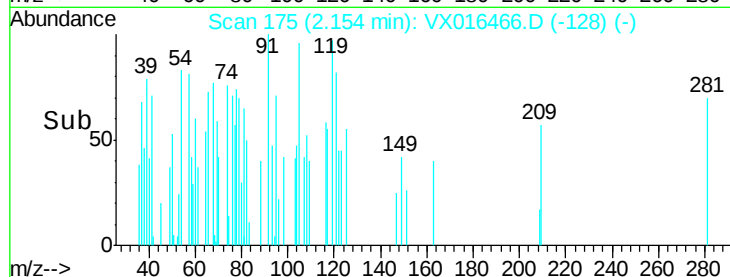
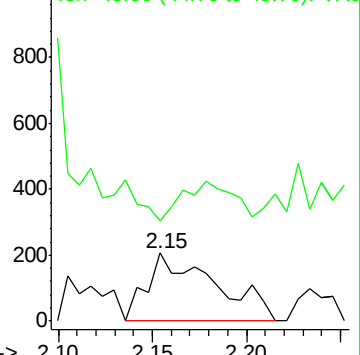
74 100

45 0.0 47.5 142.5#



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#10

Methyl Iodide

Concen: 3.116 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX016466.D

Acq: 27 May 2020 23:17

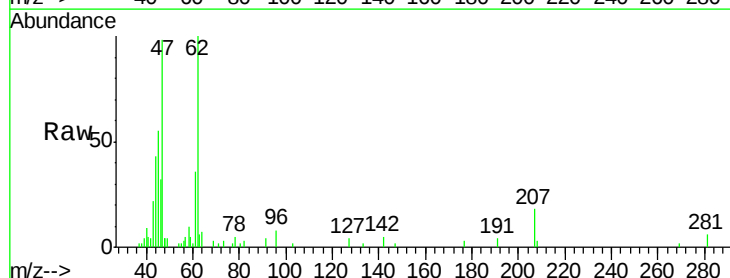
Tgt Ion: 142 Resp: 241

Ion Ratio Lower Upper

142 100

127 57.3 35.3 52.9#

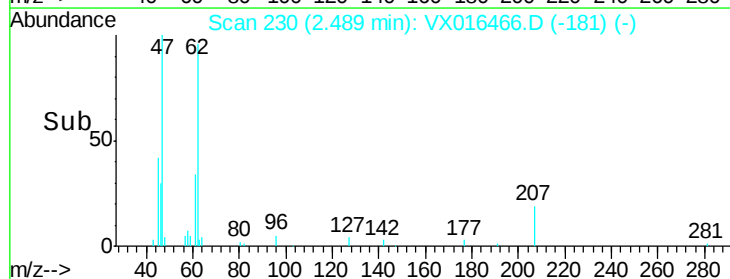
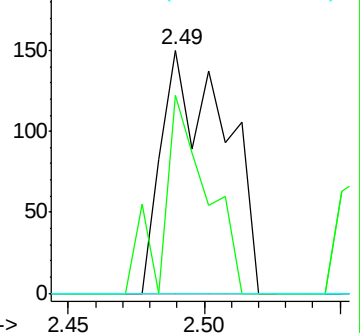
141 0.0 11.4 17.2#

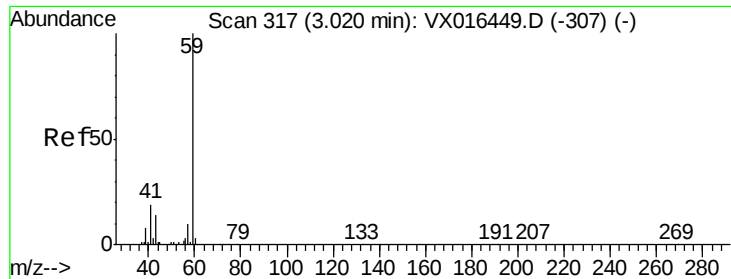


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



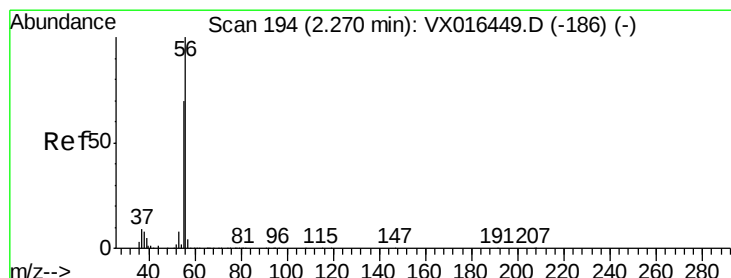
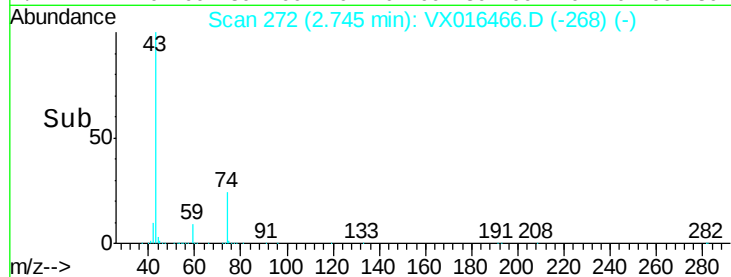
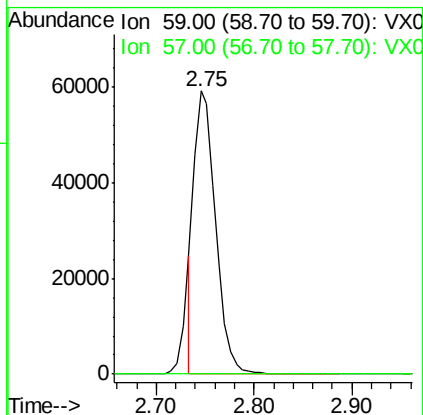
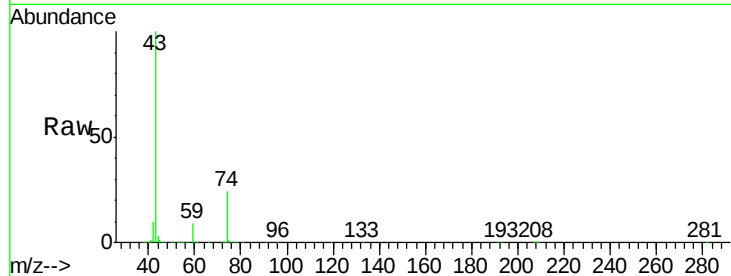


#11

Tert butyl alcohol
 Concen: 81.368 ug/l
 RT: 2.75 min Scan# 272
 Delta R.T. -0.27 min
 Lab File: VX016466.D
 Acq: 27 May 2020 23:17

Instrument :
 MSVOA_X
 ClientSampleId :
 C0AP4

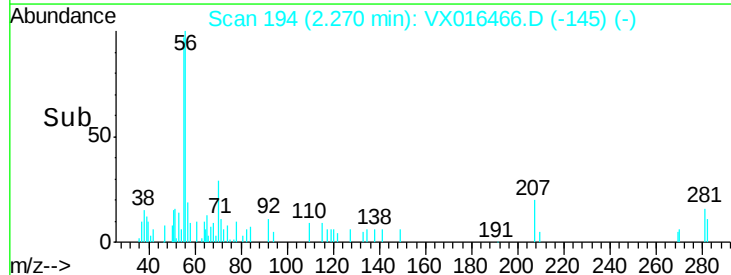
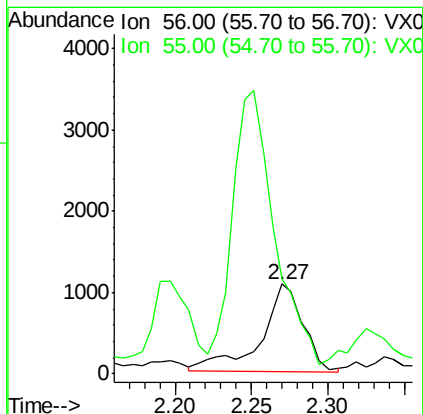
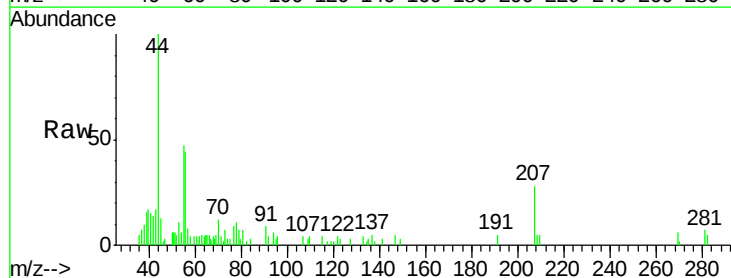
Tot Ion: 59 Resp: 89644
 Ion Ratio Lower Upper
 59 100
 57 0.2 8.2 12.4#

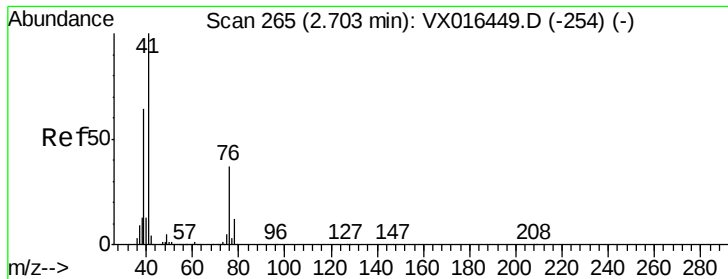


#13

Acrolein
 Concen: 4.487 ug/l
 RT: 2.27 min Scan# 194
 Delta R.T. 0.00 min
 Lab File: VX016466.D
 Acq: 27 May 2020 23:17

Tgt Ion: 56 Resp: 2103
 Ion Ratio Lower Upper
 56 100
 55 305.9 58.3 87.5#

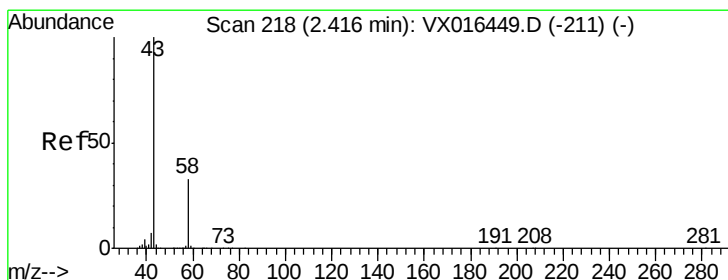
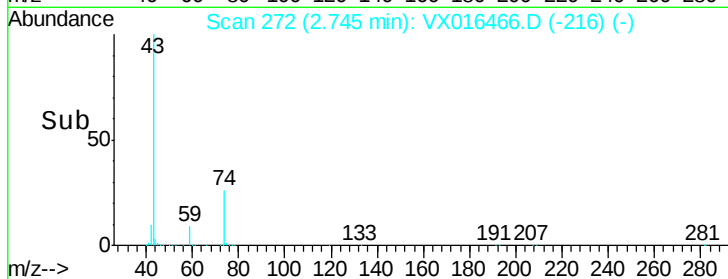
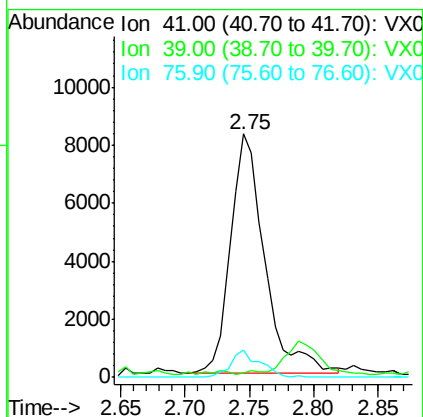
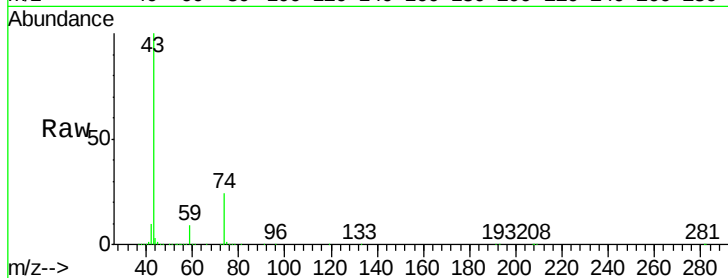




#14
Allvl chloride
Concen: 2.473 ug/l
RT: 2.75 min Scan# 272
Delta R.T. 0.04 min
Lab File: VX016466.D
Acq: 27 May 2020 23:17

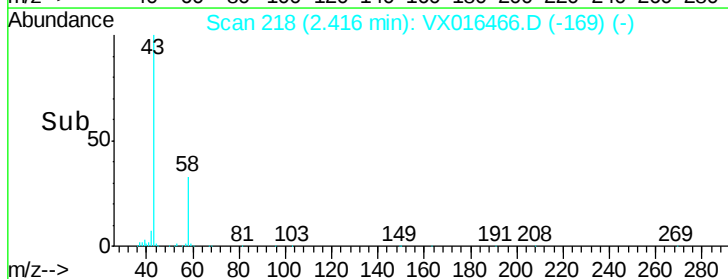
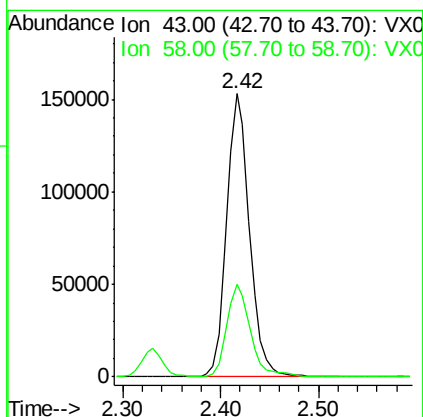
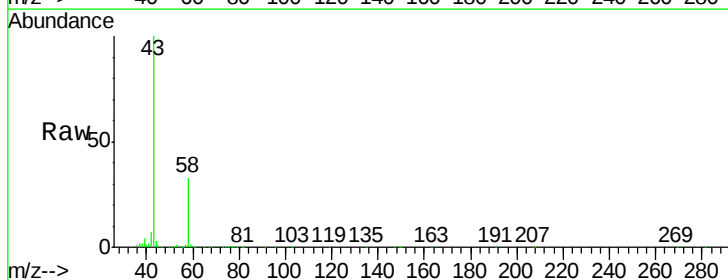
Instrument :
MSVOA_X
ClientSampled :
C0AP4

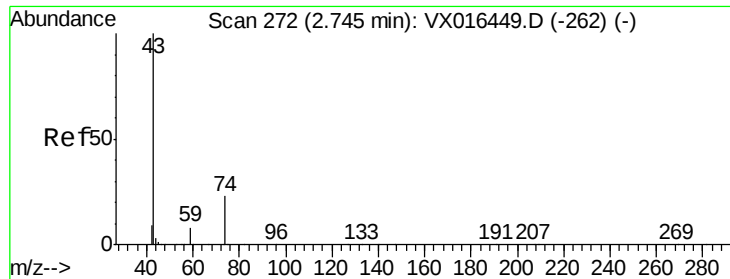
Tot Ion: 41 Resp: 15138
Ion Ratio Lower Upper
41 100
39 0.0 47.7 71.5#
76 9.8 26.6 40.0#



#16
Acetone
Concen: 131.281 ug/l
RT: 2.42 min Scan# 218
Delta R.T. 0.00 min
Lab File: VX016466.D
Acq: 27 May 2020 23:17

Tgt Ion: 43 Resp: 247113
Ion Ratio Lower Upper
43 100
58 32.5 26.1 39.1

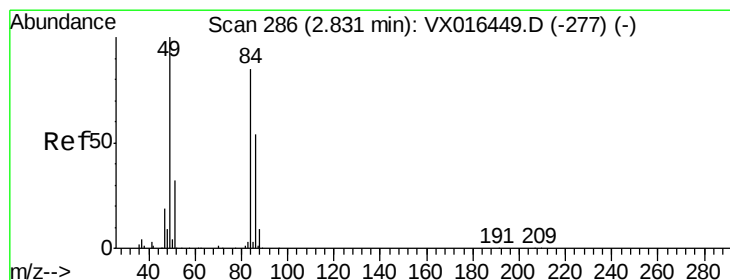
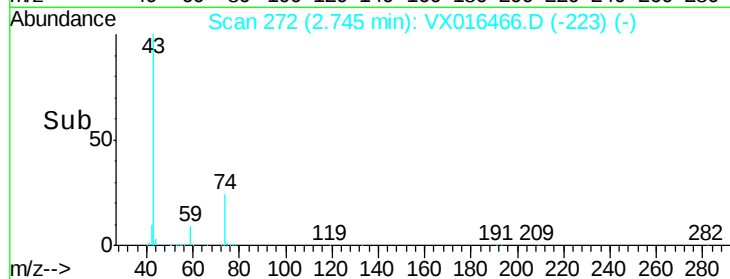
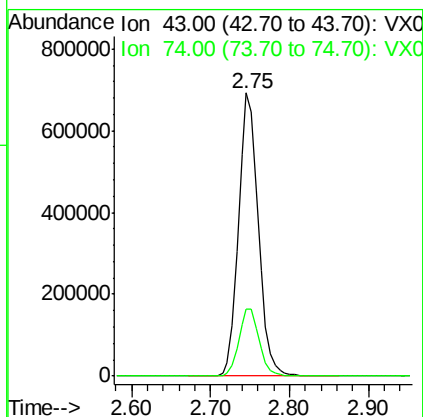
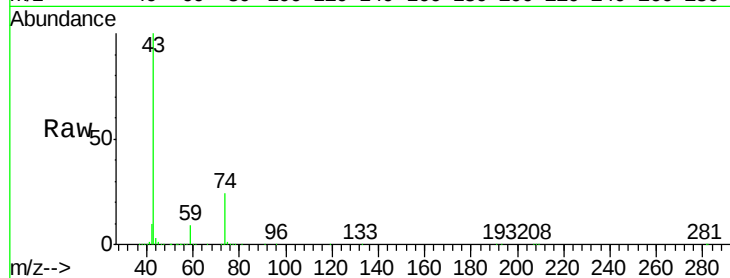




#18
Methvl Acetate
Concen: 249.763 ug/l
RT: 2.75 min Scan# 272
Delta R.T. 0.00 min
Lab File: VX016466.D
Acq: 27 May 2020 23:17

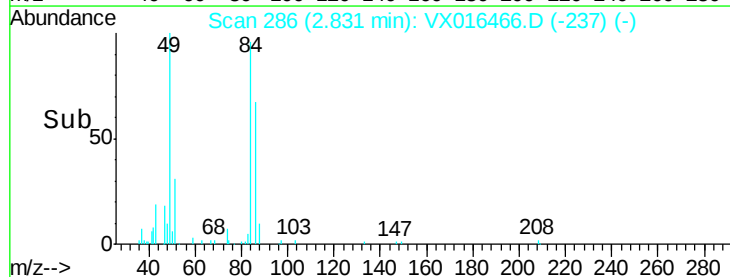
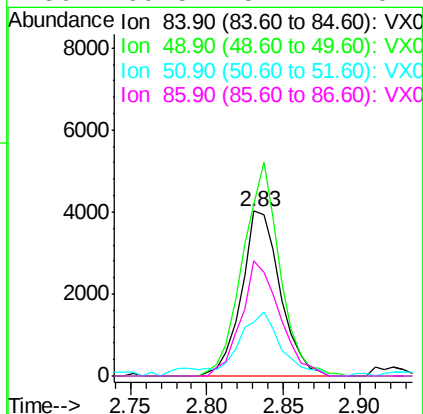
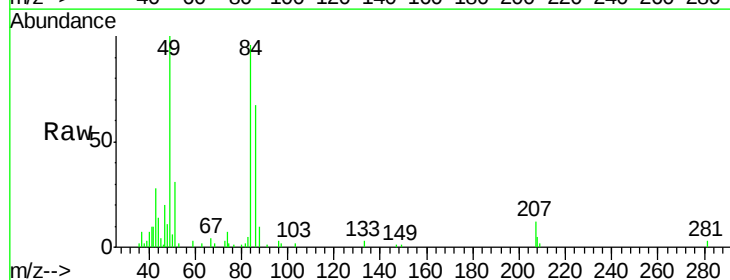
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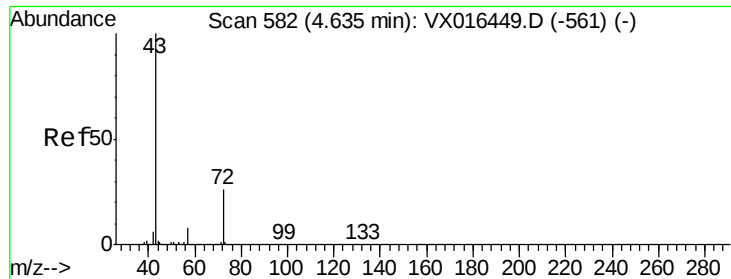
Tot Ion: 43 Resp: 1205801
Ion Ratio Lower Upper
43 100
74 24.2 19.7 29.5



#20
Methylene Chloride
Concen: 1.814 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX016466.D
Acq: 27 May 2020 23:17

Tgt Ion: 84 Resp: 7066
Ion Ratio Lower Upper
84 100
49 104.2 94.5 141.7
51 32.8 30.2 45.4
86 69.5 51.1 76.7





#25

2-Butanone

Concen: 162.011 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX016466.D

Acq: 27 May 2020 23:17

Instrument :

MSVOA_X

ClientSampleId :

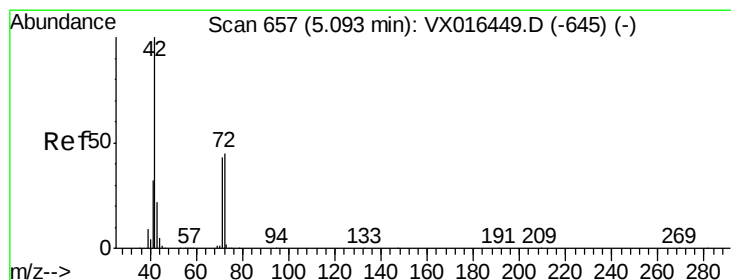
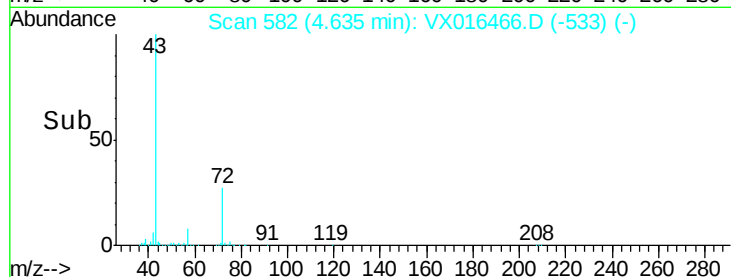
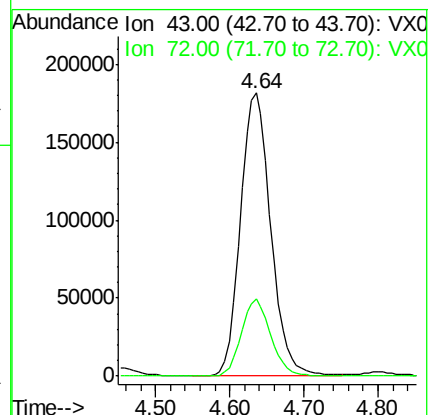
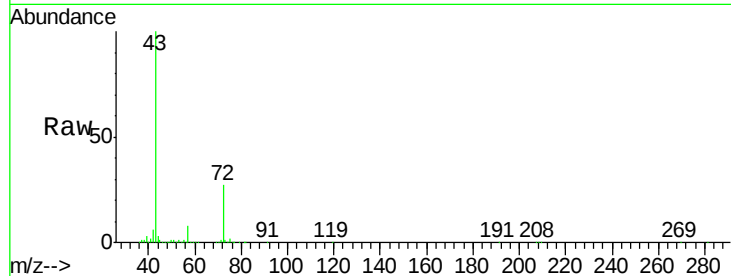
C0AP4

Tot Ion: 43 Resp: 516737

Ion Ratio Lower Upper

43 100

72 27.4 21.0 31.6



#29

Tetrahydrofuran

Concen: 73.765 ug/l

RT: 5.09 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX016466.D

Acq: 27 May 2020 23:17

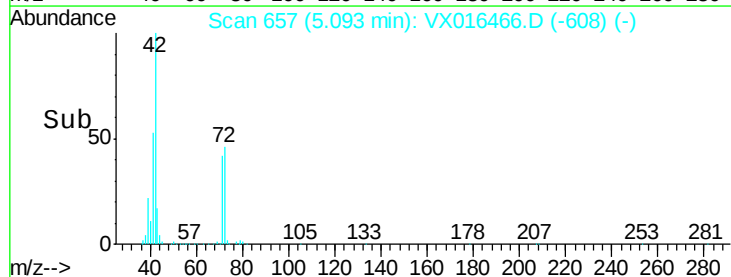
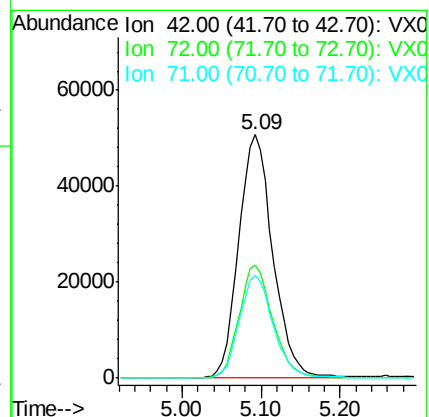
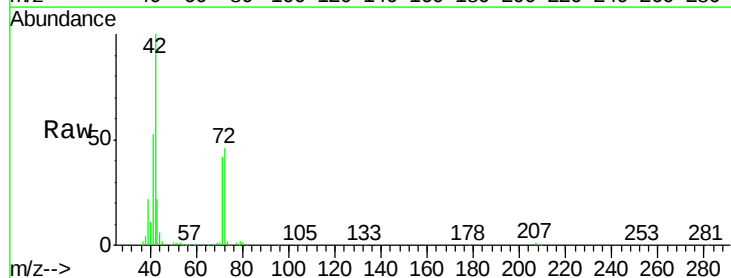
Tgt Ion: 42 Resp: 151999

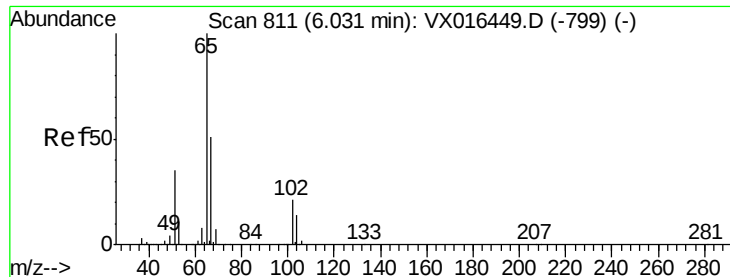
Ion Ratio Lower Upper

42 100

72 46.3 37.0 55.4

71 42.2 34.1 51.1

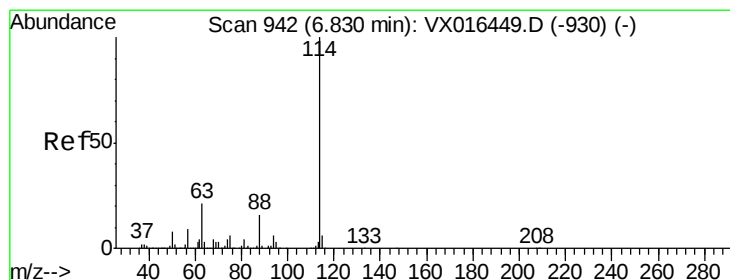
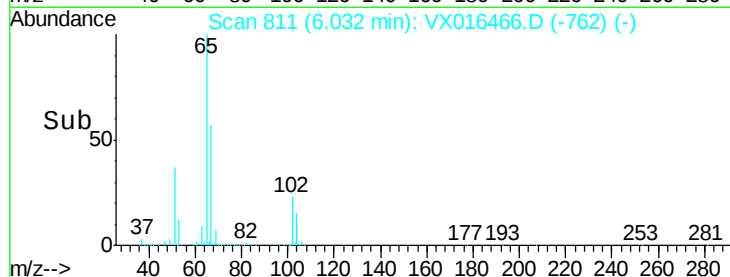
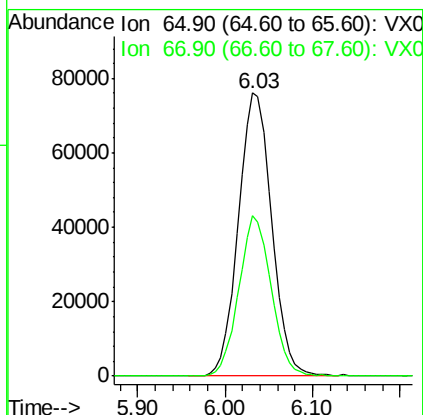
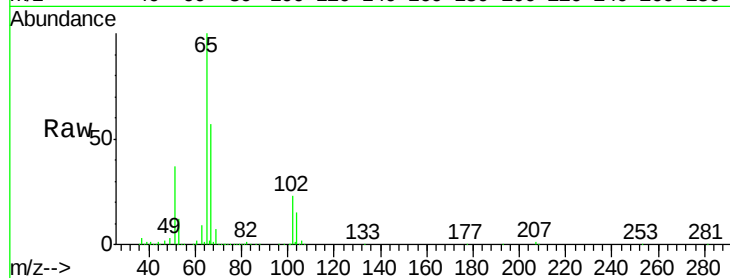




#33
 1,2-Dichloroethane-d4
 Concen: 46.973 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX016466.D
 Acq: 27 May 2020 23:17

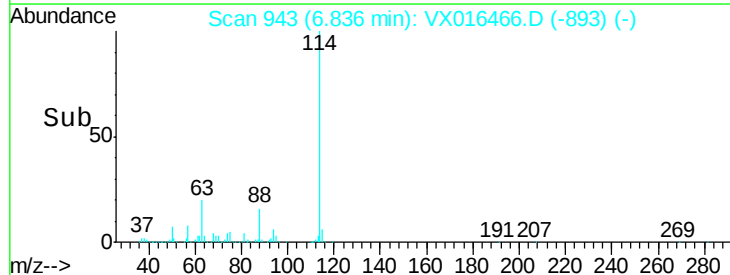
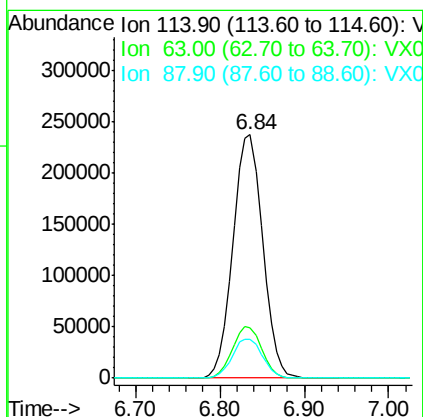
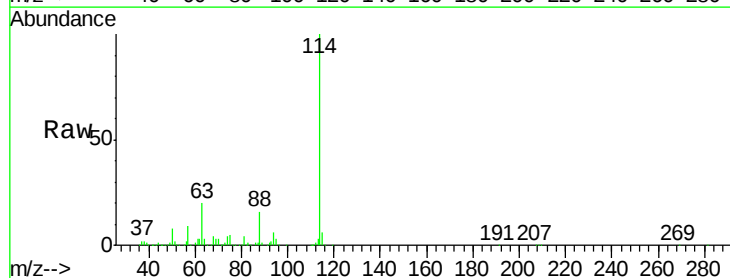
Instrument :
 MSVOA_X
 ClientSampleId :
 C0AP4

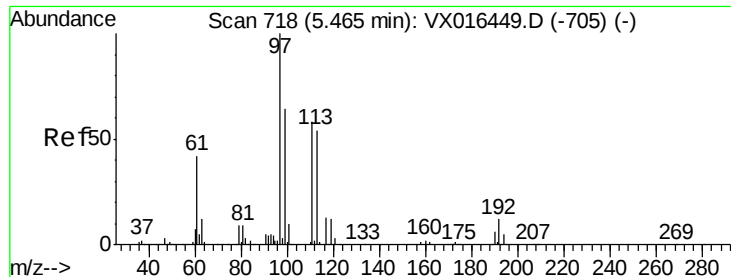
Tot Ion: 65 Resp: 201812
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX016466.D
 Acq: 27 May 2020 23:17

Tgt Ion: 114 Resp: 566240
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 42.6
 88 16.1 0.0 32.8





#35

Dibromofluoromethane

Concen: 47.613 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016466.D

Acq: 27 May 2020 23:17

Instrument :

MSVOA_X

ClientSampleId :

C0AP4

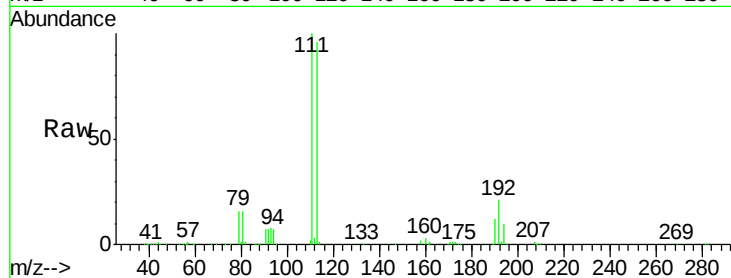
Tot Ion:113 Resp: 166006

Ion Ratio Lower Upper

113 100

111 102.3 83.0 124.6

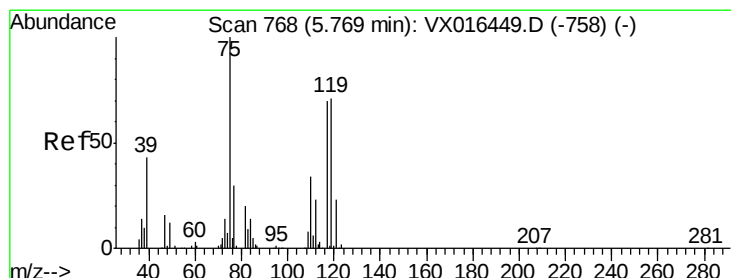
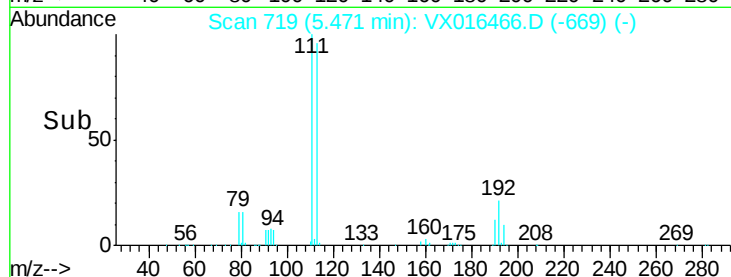
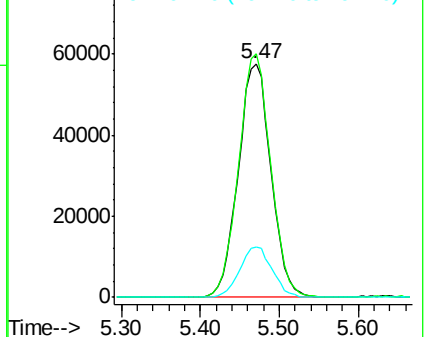
192 21.7 17.7 26.5



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: 4.757 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.13 min

Lab File: VX016466.D

Acq: 27 May 2020 23:17

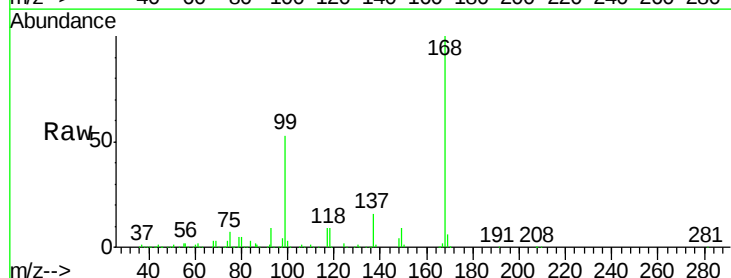
Tgt Ion: 75 Resp: 25503

Ion Ratio Lower Upper

75 100

110 9.5 17.4 52.3#

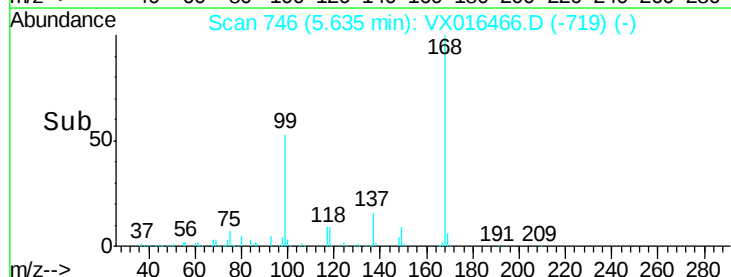
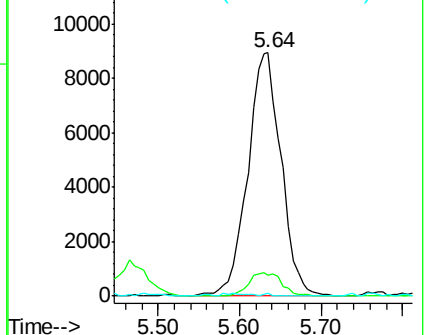
77 0.0 24.2 36.4#

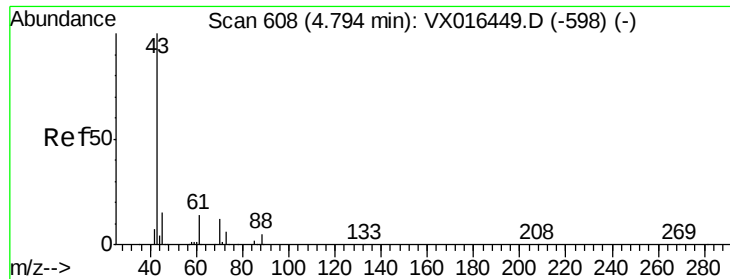


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

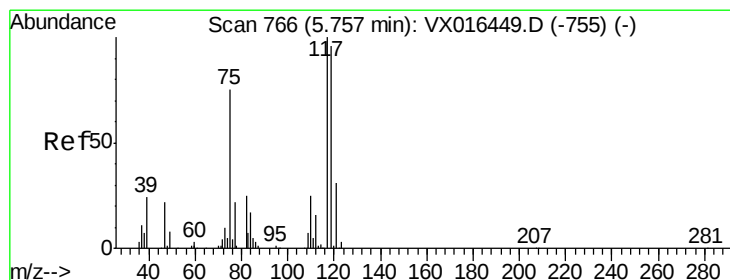
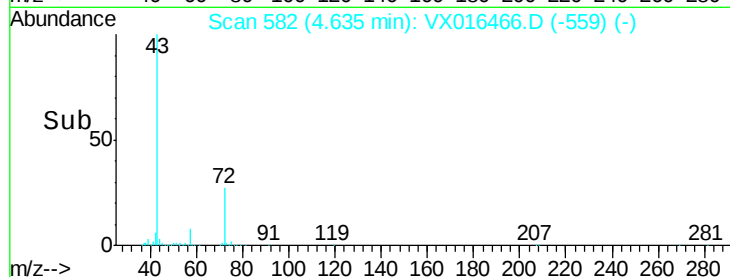
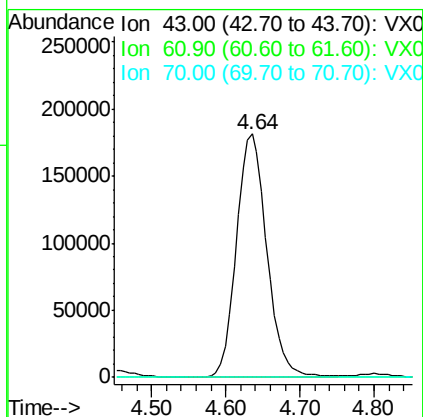
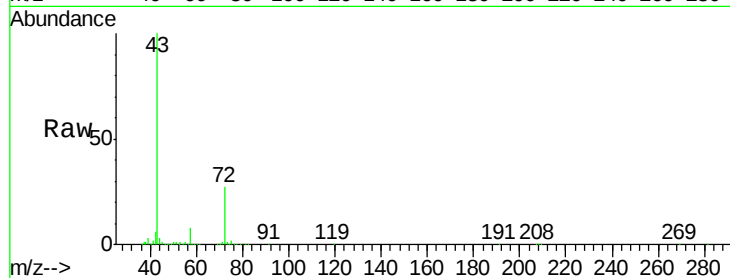




#37
Ethyl Acetate
Concen: 80.281 ug/l
RT: 4.64 min Scan# 582
Delta R.T. -0.16 min
Lab File: VX016466.D
Acq: 27 May 2020 23:17

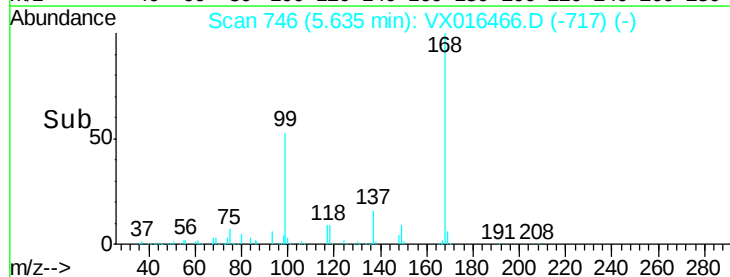
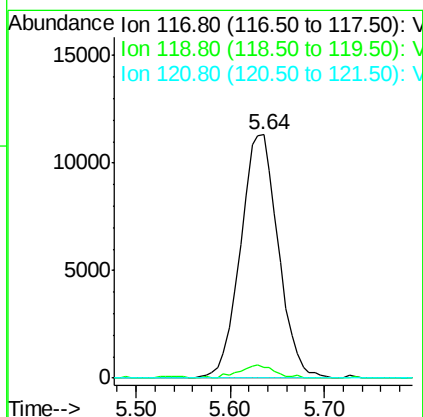
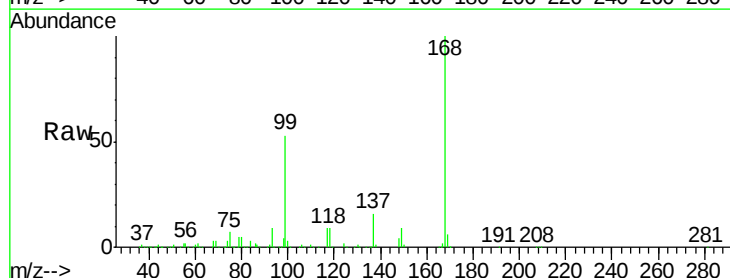
Instrument :
MSVOA_X
ClientSampleId :
C0AP4

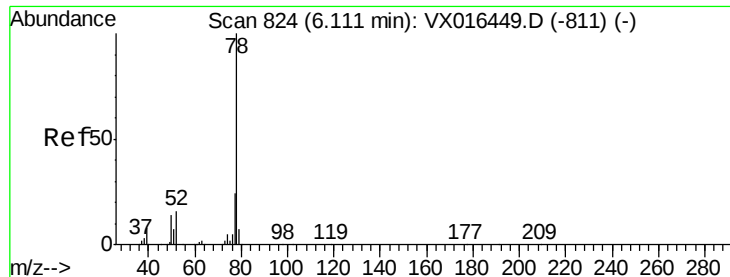
Tot Ion: 43 Resp: 516737
Ion Ratio Lower Upper
43 100
61 0.1 11.3 16.9#
70 0.0 9.3 13.9#



#38
Carbon Tetrachloride
Concen: 5.641 ug/l
RT: 5.64 min Scan# 746
Delta R.T. -0.12 min
Lab File: VX016466.D
Acq: 27 May 2020 23:17

Tgt Ion: 117 Resp: 31782
Ion Ratio Lower Upper
117 100
119 4.6 76.3 114.5#
121 0.0 24.6 37.0#





#40

Benzene

Concen: 31.267 ug/l

RT: 6.12 min Scan# 825

Delta R.T. 0.01 min

Lab File: VX016466.D

Acq: 27 May 2020 23:17

Instrument :

MSVOA_X

ClientSampleId :

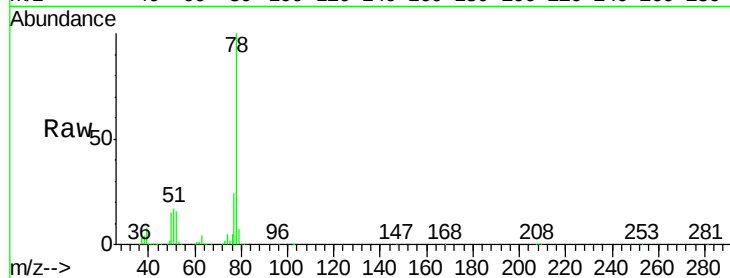
C0AP4

Tot Ion: 78 Resp: 499197

Ion Ratio Lower Upper

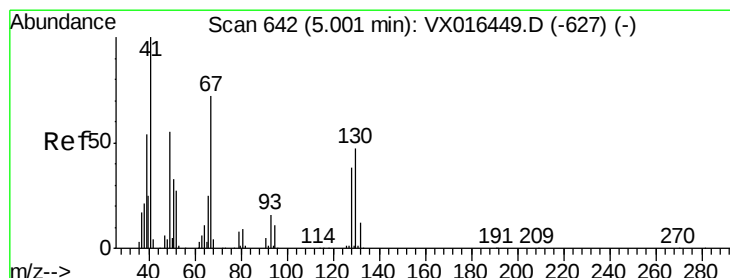
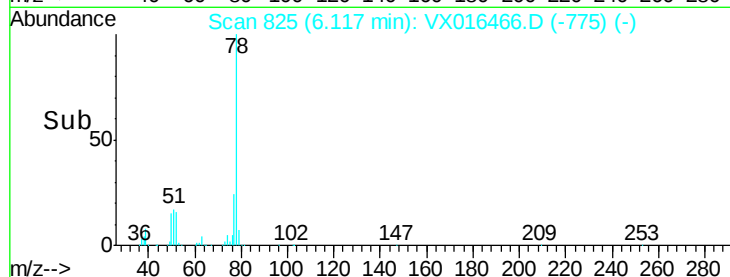
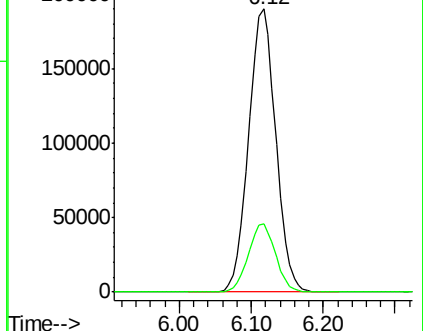
78 100

77 24.0 18.9 28.3



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#41

Methacrylonitrile

Concen: 23.221 ug/l

RT: 5.09 min Scan# 656

Delta R.T. 0.09 min

Lab File: VX016466.D

Acq: 27 May 2020 23:17

Tgt Ion: 41 Resp: 82098

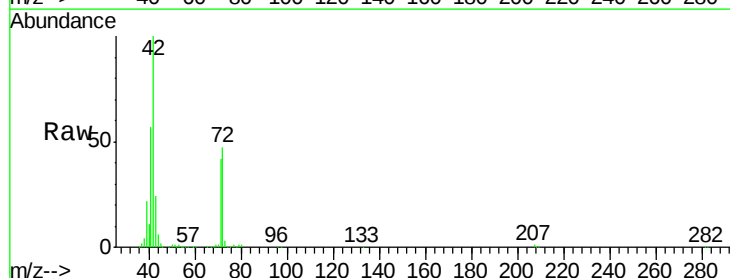
Ion Ratio Lower Upper

41 100

39 40.7 43.0 64.4#

67 0.0 58.9 88.3#

52 0.2 23.1 34.7#

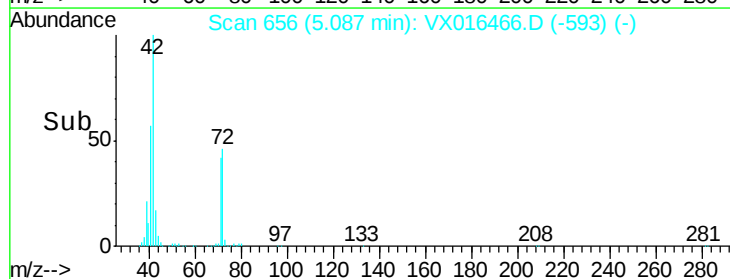
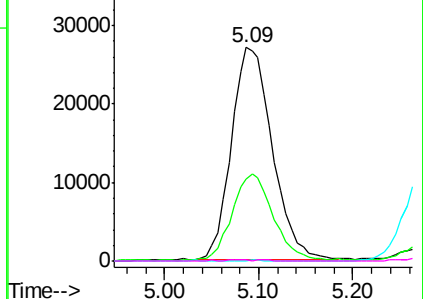


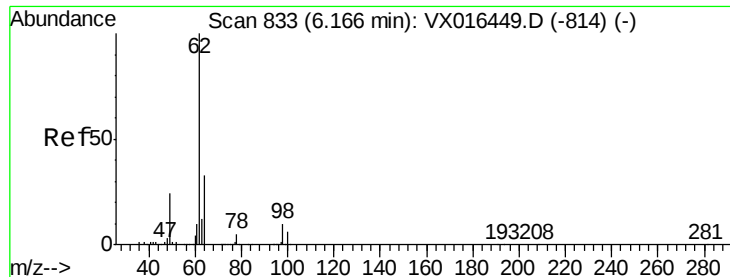
Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0





#42

1,2-Dichloroethane

Concen: 0.904 ug/l

RT: 6.11 min Scan# 824

Delta R.T. -0.05 min

Lab File: VX016466.D

Acq: 27 May 2020 23:17

Instrument :

MSVOA_X

ClientSampleId :

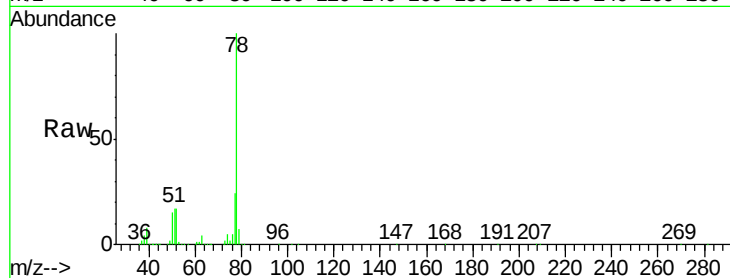
C0AP4

Tot Ion: 62 Resp: 5132

Ion Ratio Lower Upper

62 100

98 0.0 0.0 19.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

2000

1500

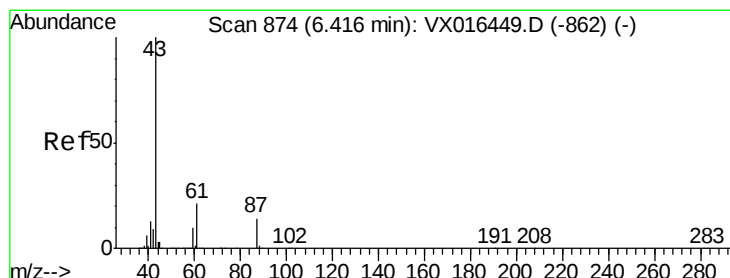
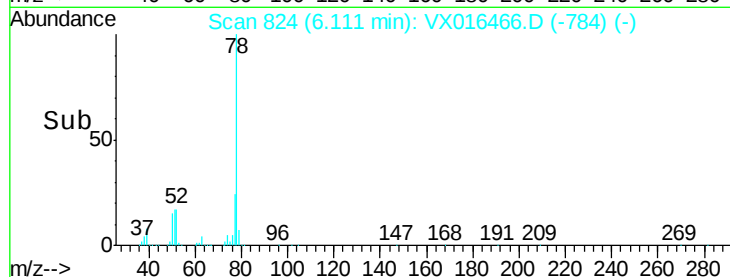
1000

500

0

6.00 6.10 6.20

Time-->



#43

Isopropyl Acetate

Concen: 11.966 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.00 min

Lab File: VX016466.D

Acq: 27 May 2020 23:17

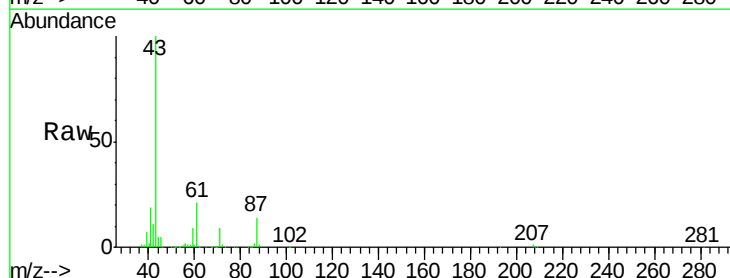
Tgt Ion: 43 Resp: 120137

Ion Ratio Lower Upper

43 100

61 20.2 16.8 25.2

87 12.9 11.2 16.8



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

60000

50000

40000

30000

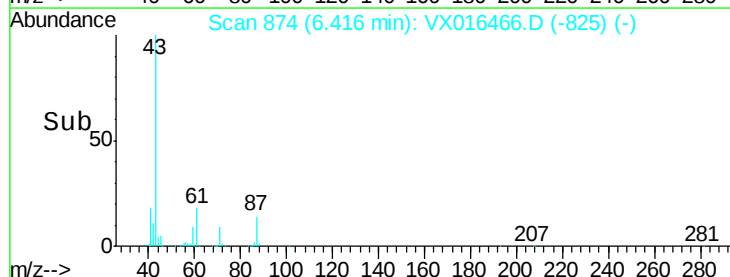
20000

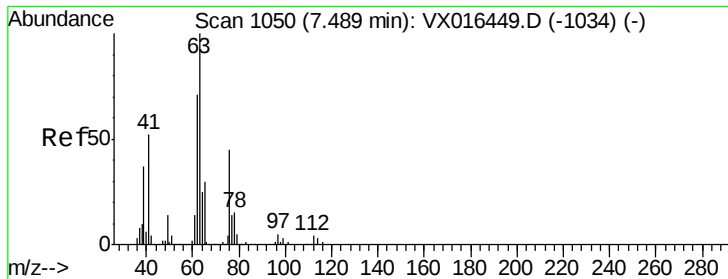
10000

0

6.30 6.40 6.50

Time-->





#45

1,2-Dichloropropane

Concen: 0.254 ug/l

RT: 7.52 min Scan# 1055

Delta R.T. 0.03 min

Lab File: VX016466.D

Acq: 27 May 2020 23:17

Instrument :

MSVOA_X

ClientSampled :

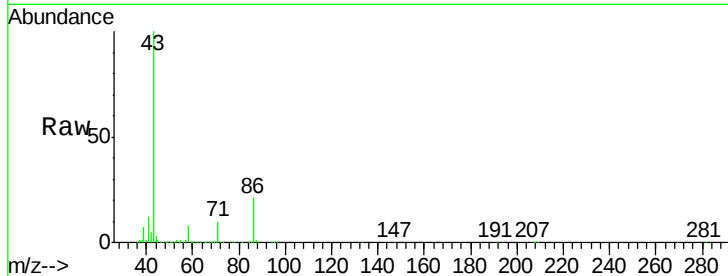
C0AP4

Tot Ion: 63 Resp: 1034

Ion Ratio Lower Upper

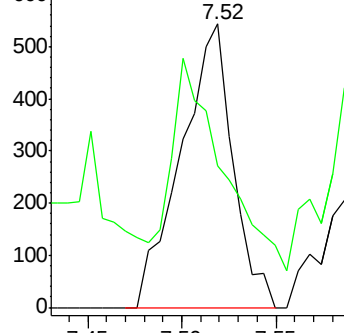
63 100

65 28.4 24.2 36.2

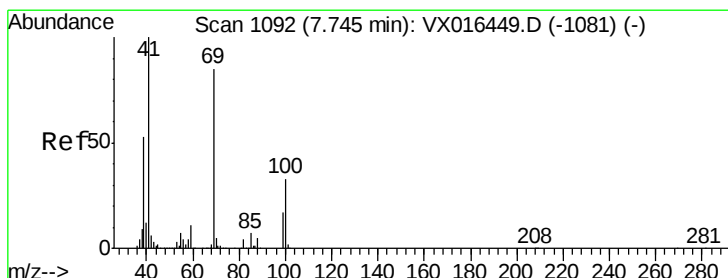
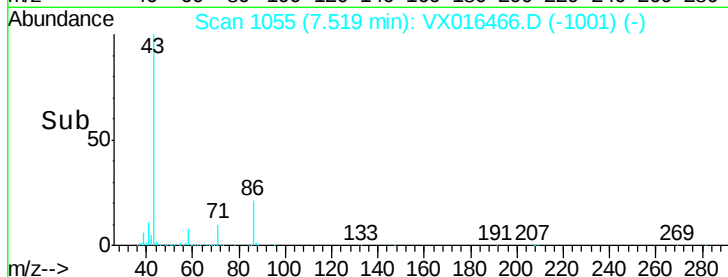


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



Time-->



#48

Methyl methacrylate

Concen: 1.519 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. 0.01 min

Lab File: VX016466.D

Acq: 27 May 2020 23:17

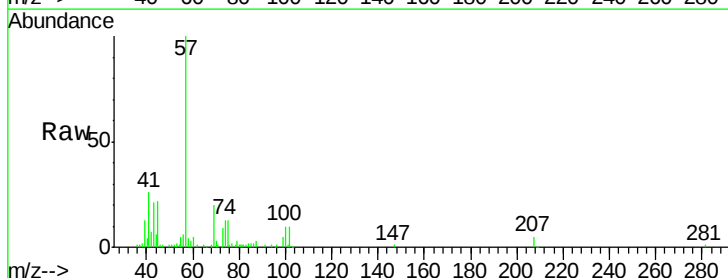
Tgt Ion: 41 Resp: 7300

Ion Ratio Lower Upper

41 100

69 88.6 68.6 102.8

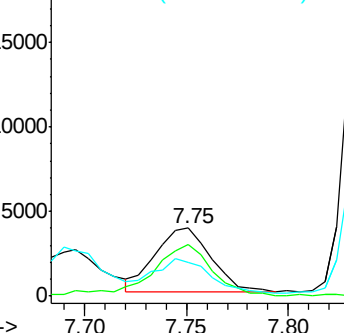
39 54.7 42.4 63.6



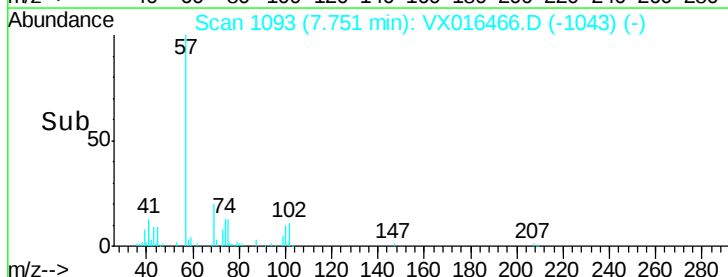
Abundance Ion 41.00 (40.70 to 41.70): VX0

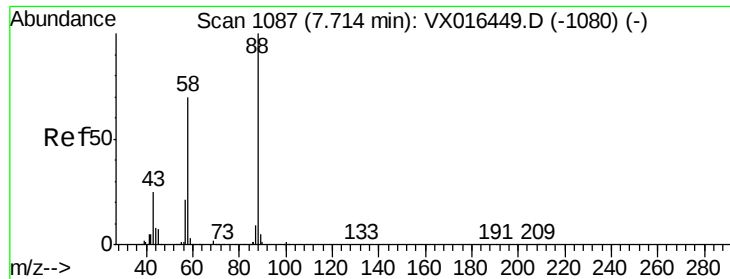
Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



Time-->

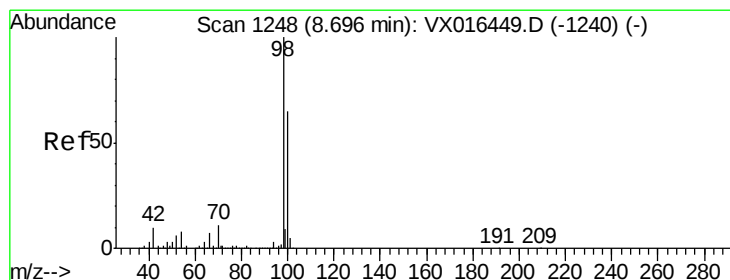
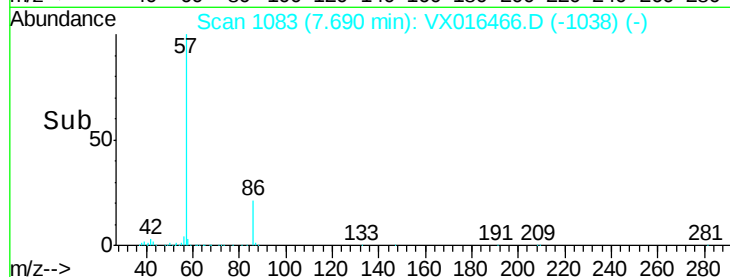
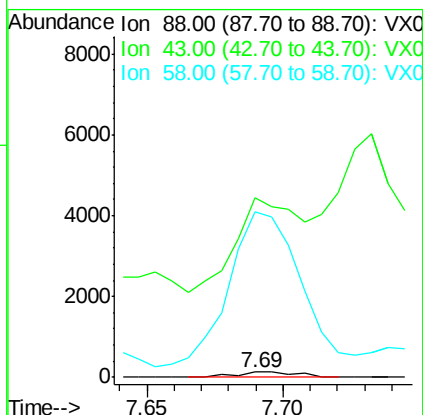
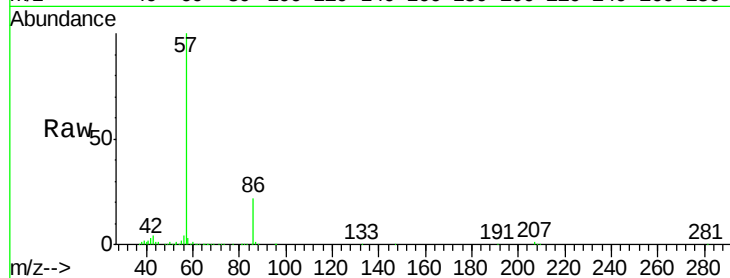




#49
1,4-Dioxane
Concen: 1.796 ug/l
RT: 7.69 min Scan# 1083
Delta R.T. -0.02 min
Lab File: VX016466.D
Acq: 27 May 2020 23:17

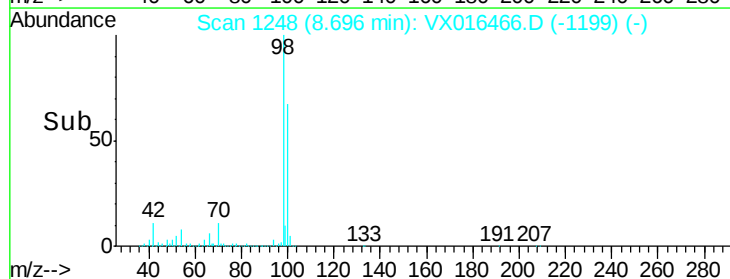
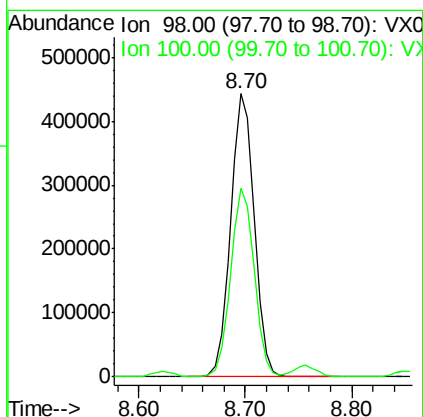
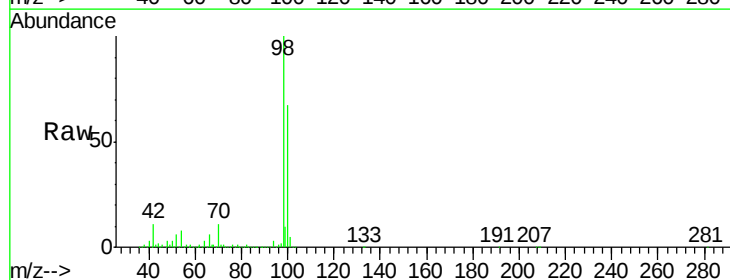
Instrument :
MSVOA_X
ClientSampleId :
C0AP4

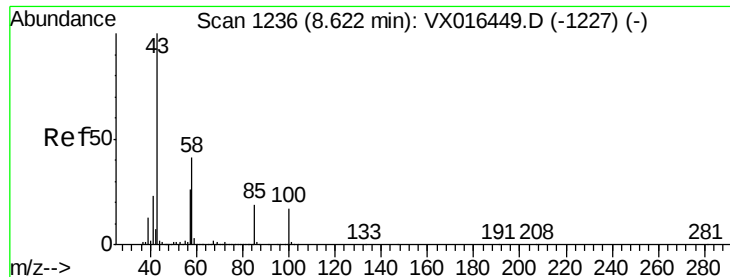
Tot Ion: 88 Resp: 202
Ion Ratio Lower Upper
88 100
43 0.0 24.2 36.4#
58 3458.9 56.5 84.7#



#50
Toluene-d8
Concen: 50.888 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX016466.D
Acq: 27 May 2020 23:17

Tgt Ion: 98 Resp: 690582
Ion Ratio Lower Upper
98 100
100 66.5 53.8 80.6





#51

4-Methyl-2-Pentanone

Concen: 14.872 ug/l

RT: 8.60 min Scan# 1232

Delta R.T. -0.02 min

Lab File: VX016466.D

Acq: 27 May 2020 23:17

Instrument :

MSVOA_X

ClientSampleId :

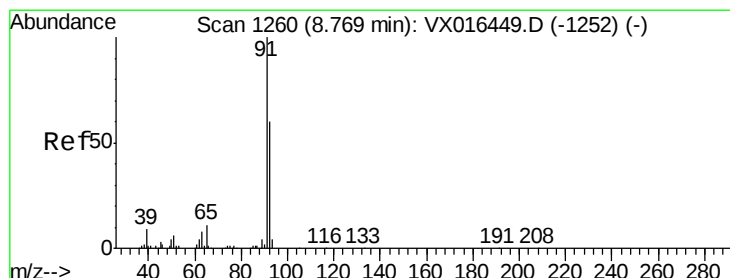
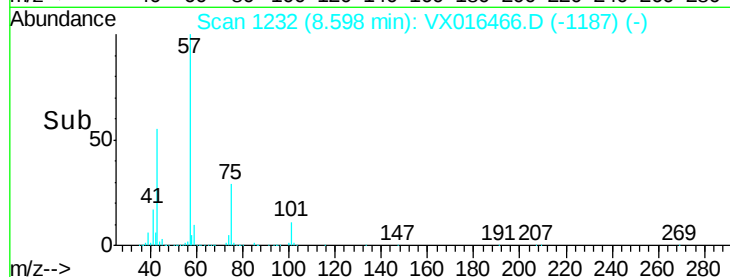
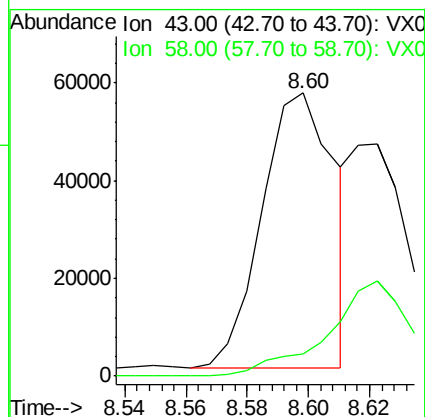
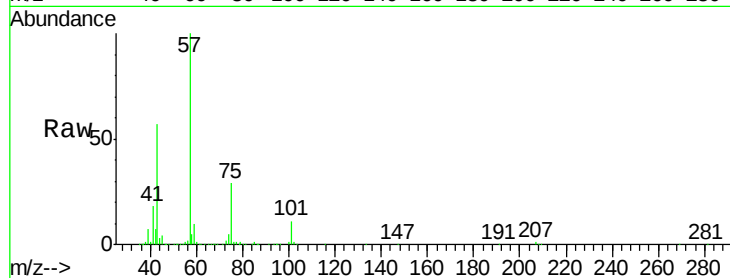
C0AP4

Tot Ion: 43 Resp: 92971

Ion Ratio Lower Upper

43 100

58 0.0 33.0 49.6#



#52

Toluene

Concen: 268.294 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.00 min

Lab File: VX016466.D

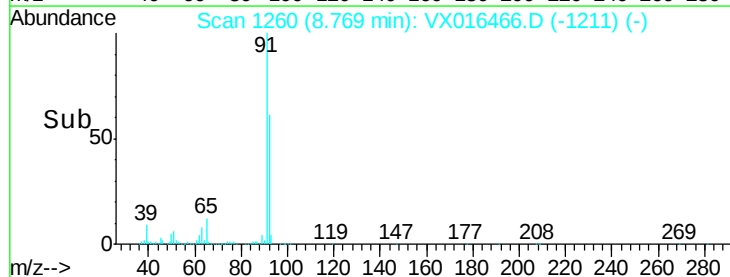
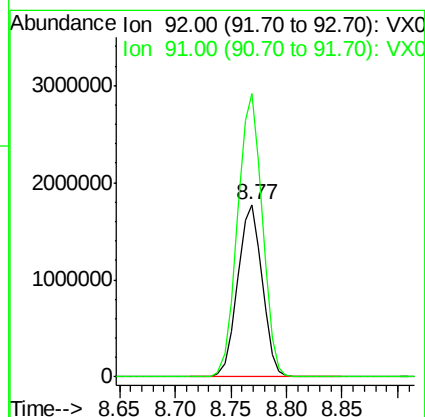
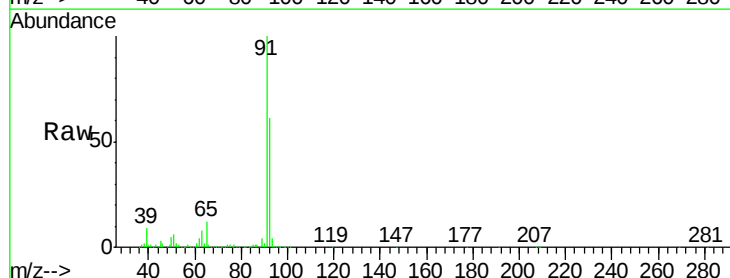
Acq: 27 May 2020 23:17

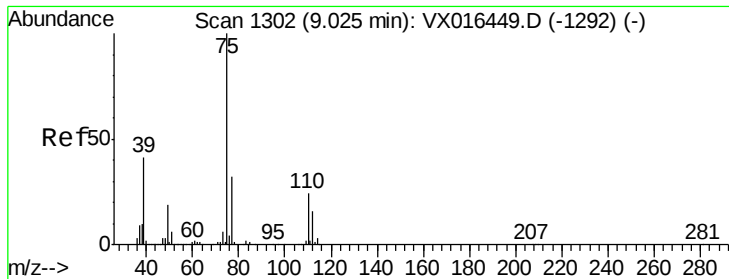
Tgt Ion: 92 Resp: 2701102

Ion Ratio Lower Upper

92 100

91 165.9 135.0 202.4





#53

t-1,3-Dichloropropene

Concen: 0.435 ug/l

RT: 9.01 min Scan# 1299

Delta R.T. -0.02 min

Lab File: VX016466.D

Acq: 27 May 2020 23:17

Instrument :

MSVOA_X

ClientSampleId :

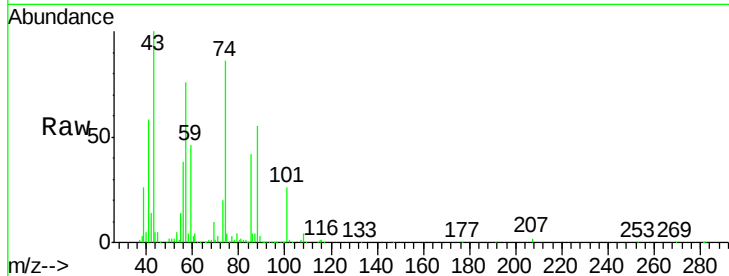
C0AP4

Tot Ion: 75 Resp: 2797

Ion Ratio Lower Upper

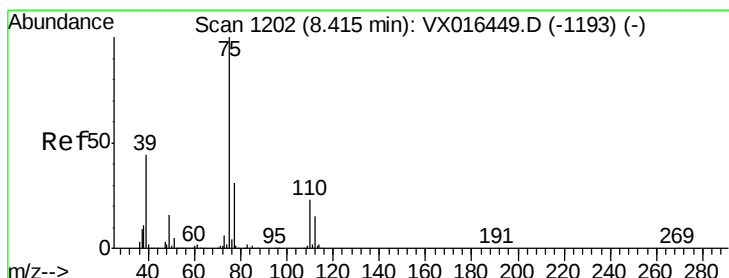
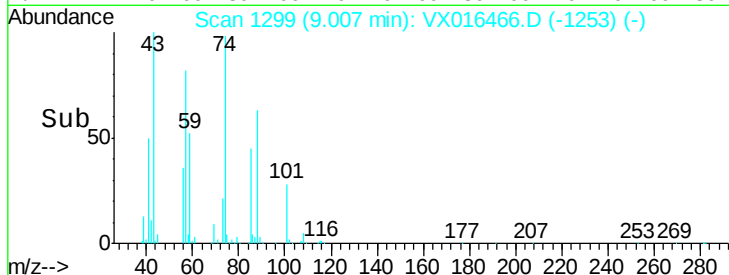
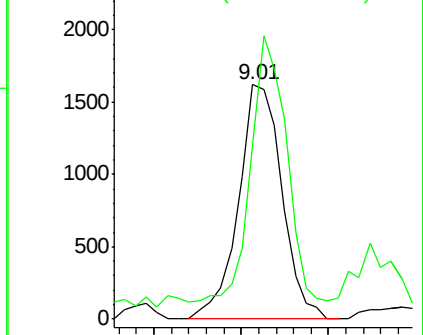
75 100

77 66.2 25.5 38.3#



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: 6.690 ug/l

RT: 8.60 min Scan# 1232

Delta R.T. 0.18 min

Lab File: VX016466.D

Acq: 27 May 2020 23:17

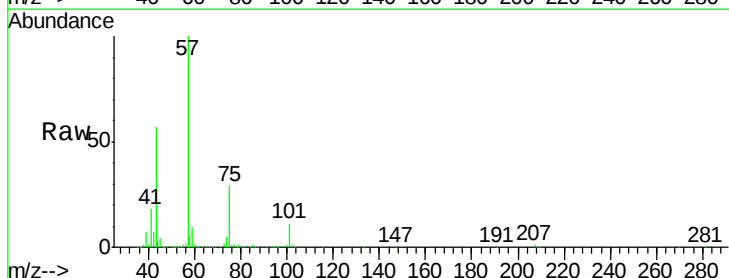
Tgt Ion: 75 Resp: 45514

Ion Ratio Lower Upper

75 100

77 1.5 24.6 36.8#

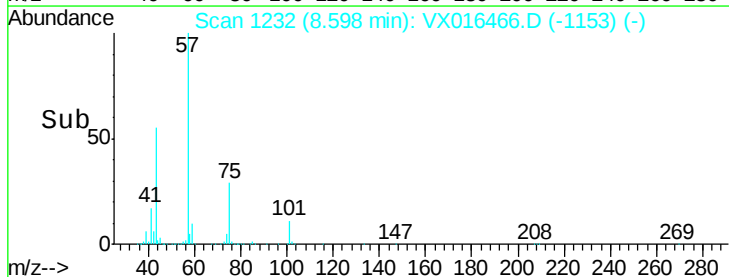
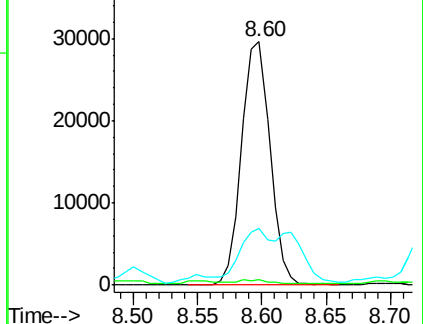
39 22.1 35.3 52.9#

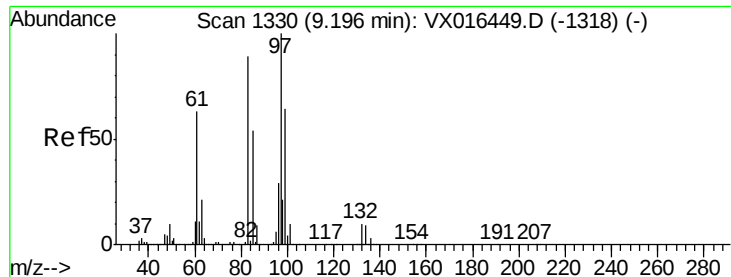


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

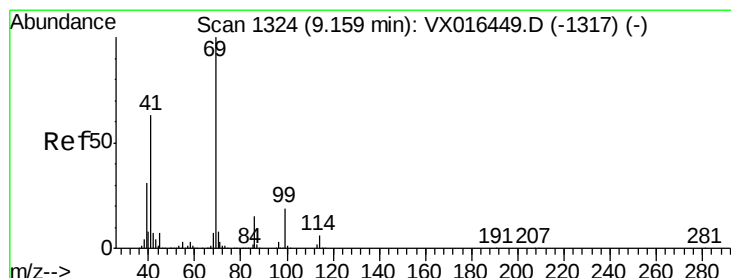
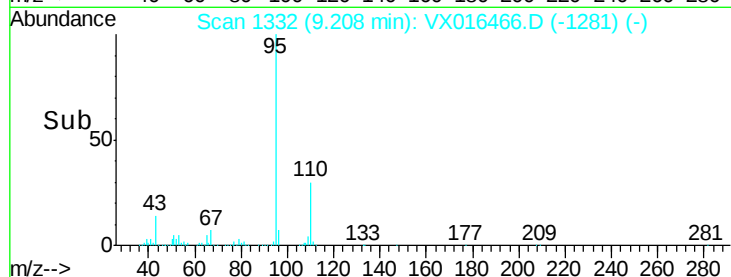
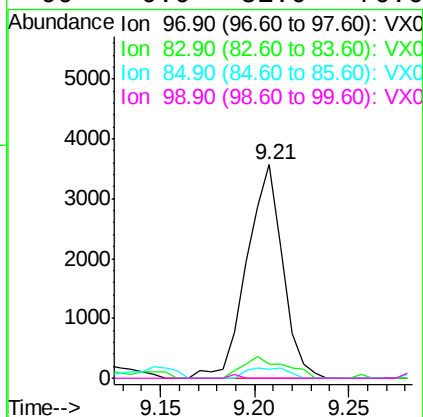
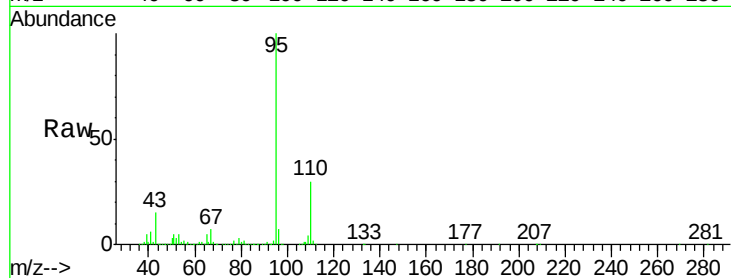




#55
 1,1,2-Trichloroethane
 Concen: 1.176 ug/l
 RT: 9.21 min Scan# 1332
 Delta R.T. 0.01 min
 Lab File: VX016466.D
 Acq: 27 May 2020 23:17

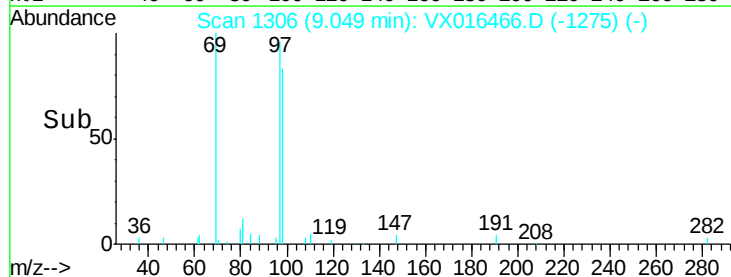
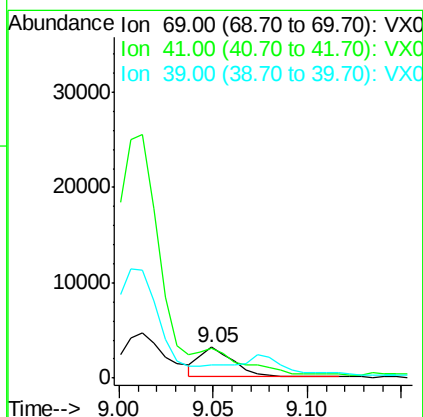
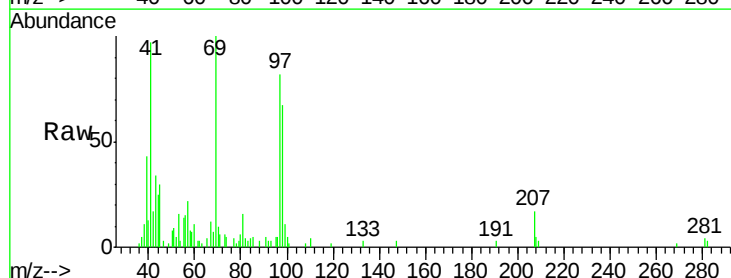
Instrument :
 MSVOA_X
 ClientSampled :
 C0AP4

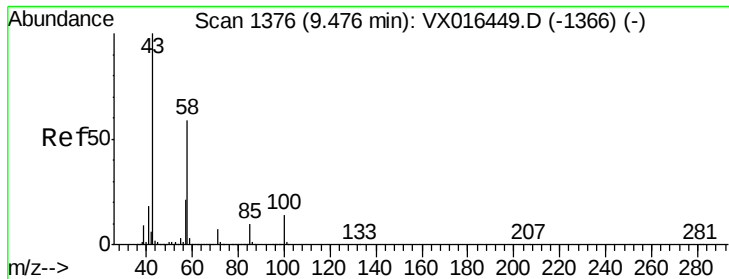
Tot Ion:	97	Resp:	4709
Ion	Ratio	Lower	Upper
97	100		
83	6.9	70.9	106.3#
85	4.4	43.4	65.2#
99	0.0	51.0	76.6#



#56
 Ethyl methacrylate
 Concen: 0.609 ug/l
 RT: 9.05 min Scan# 1306
 Delta R.T. -0.11 min
 Lab File: VX016466.D
 Acq: 27 May 2020 23:17

Tgt Ion:	69	Resp:	3972
Ion	Ratio	Lower	Upper
69	100		
41	0.0	50.7	76.1#
39	0.0	25.8	38.6#

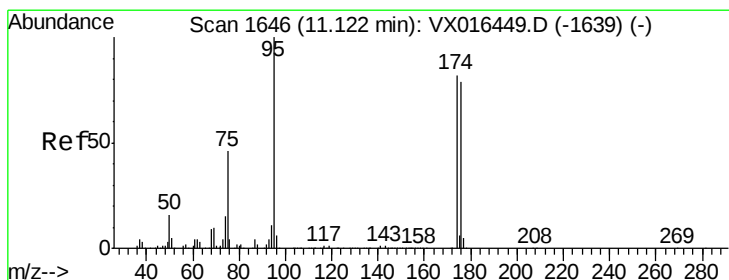
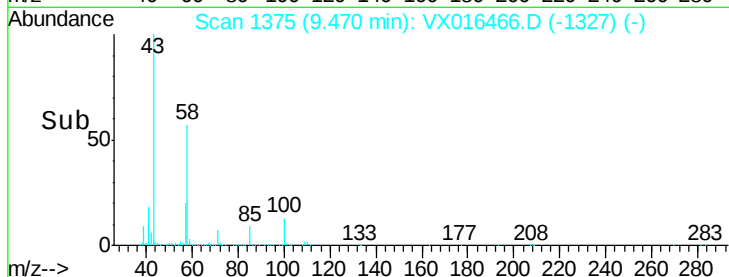
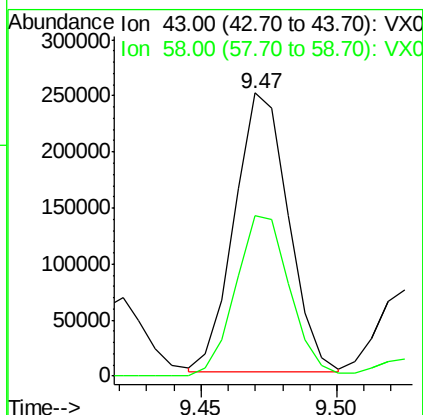
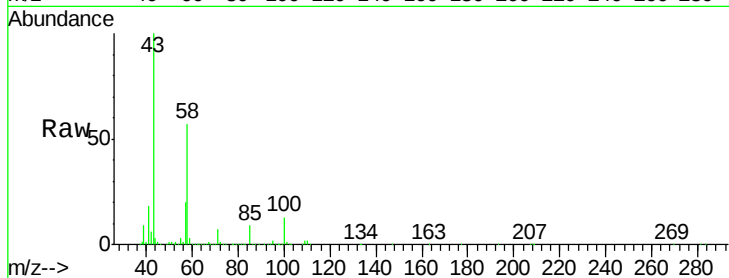




#59
2-Hexanone
Concen: 70.176 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX016466.D
Acq: 27 May 2020 23:17

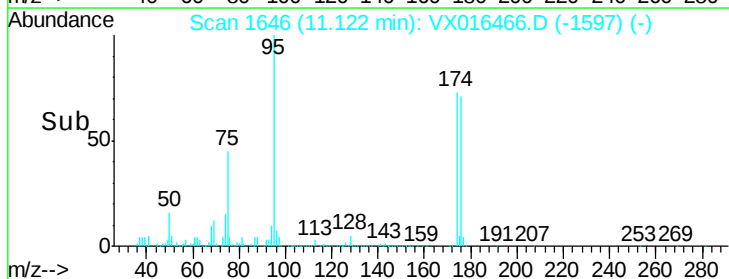
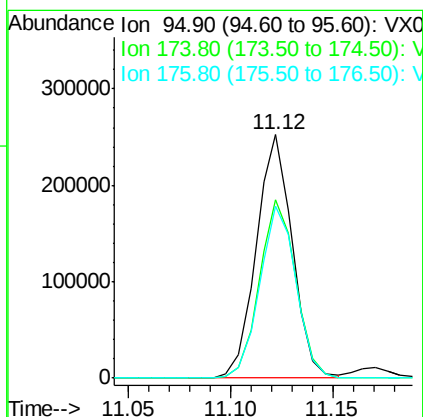
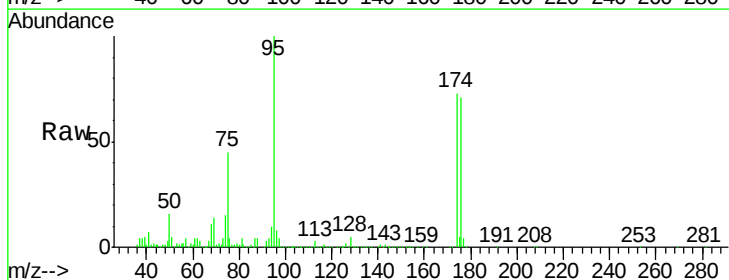
Instrument :
MSVOA_X
ClientSampled :
C0AP4

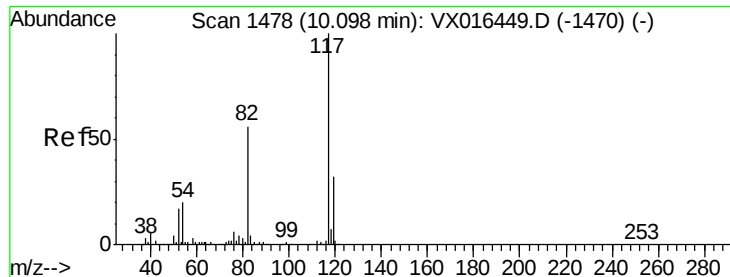
Tot Ion: 43 Resp: 341163
Ion Ratio Lower Upper
43 100
58 58.2 28.8 86.4



#62
4-Bromofluorobenzene
Concen: 58.683 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX016466.D
Acq: 27 May 2020 23:17

Tgt Ion: 95 Resp: 307711
Ion Ratio Lower Upper
95 100
174 74.4 0.0 163.0
176 71.7 0.0 156.8

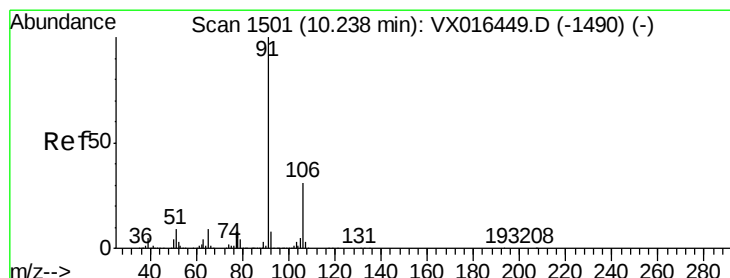
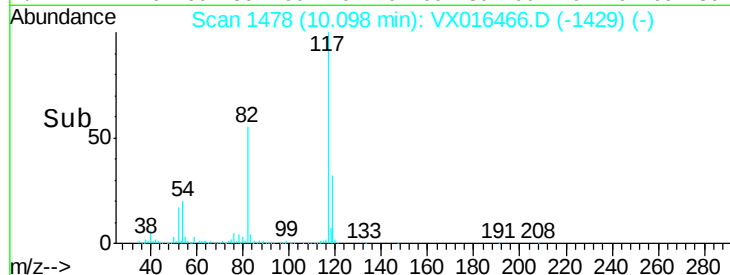
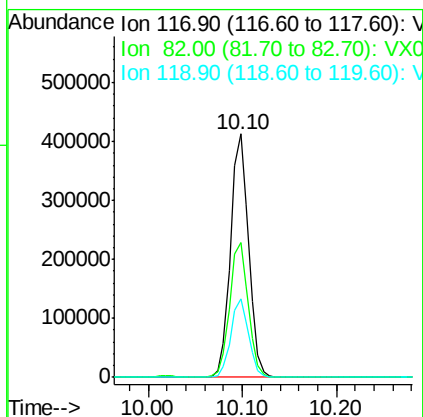
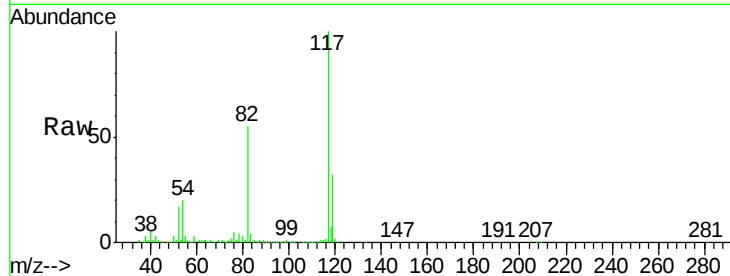




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016466.D
Acq: 27 May 2020 23:17

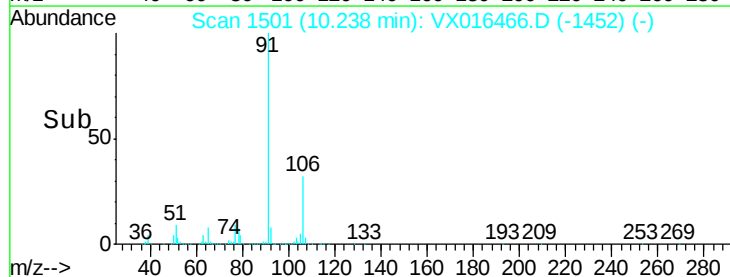
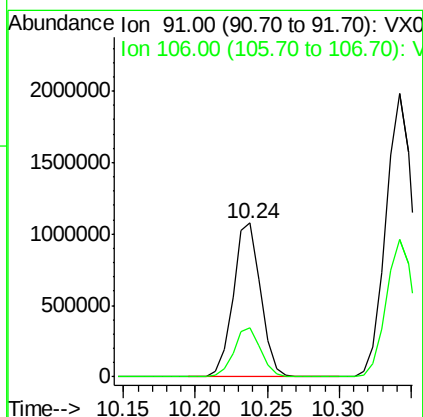
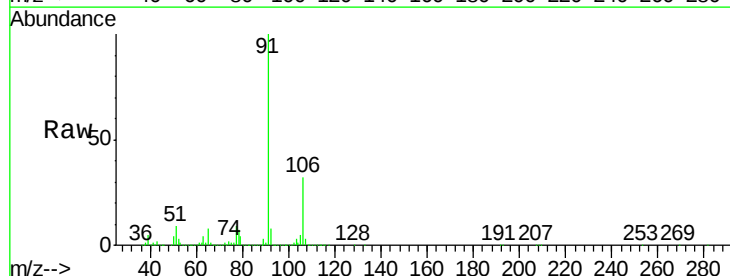
Instrument :
MSVOA_X
ClientSampleId :
C0AP4

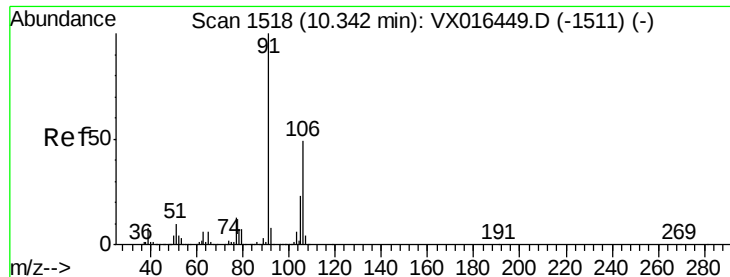
Tot Ion:117 Resp: 549534
Ion Ratio Lower Upper
117 100
82 55.2 45.0 67.6
119 32.2 25.8 38.8



#67
Ethyl Benzene
Concen: 71.711 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.00 min
Lab File: VX016466.D
Acq: 27 May 2020 23:17

Tgt Ion: 91 Resp: 1430420
Ion Ratio Lower Upper
91 100
106 31.7 25.0 37.4





#68

m/p-Xylenes

Concen: 172.453 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX016466.D

Acq: 27 May 2020 23:17

Instrument :

MSVOA_X

ClientSampleId :

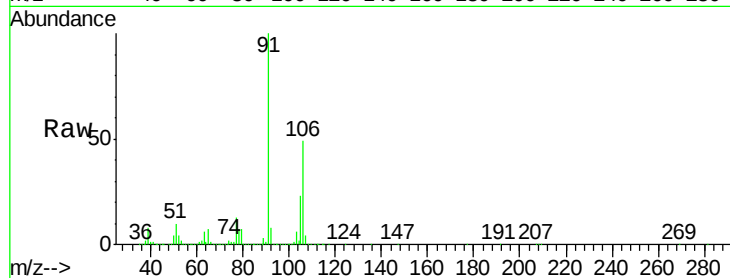
C0AP4

Tot Ion:106 Resp: 1275421

Ion Ratio Lower Upper

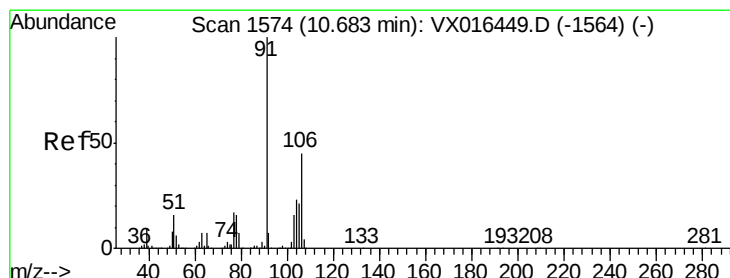
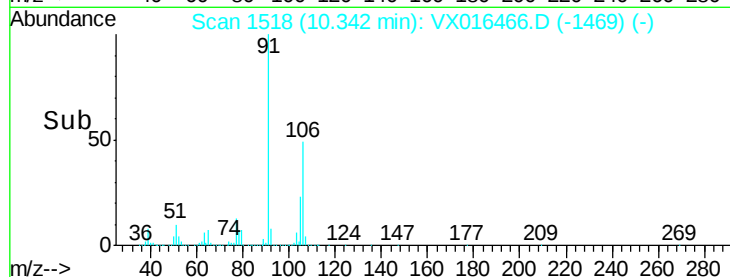
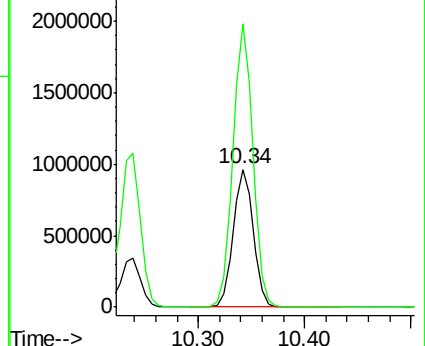
106 100

91 204.2 163.8 245.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 104.937 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX016466.D

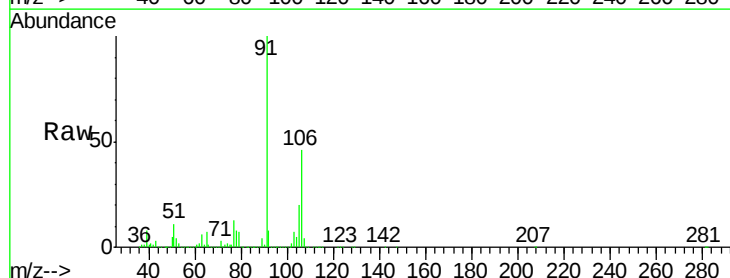
Acq: 27 May 2020 23:17

Tgt Ion:106 Resp: 751606

Ion Ratio Lower Upper

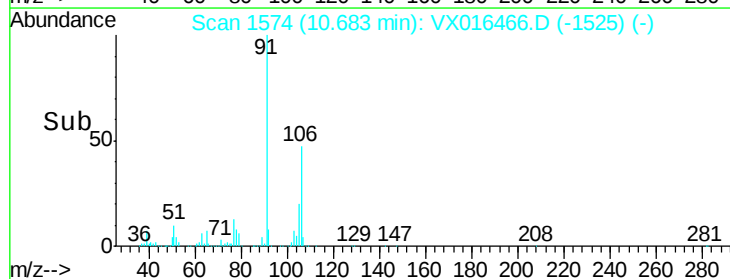
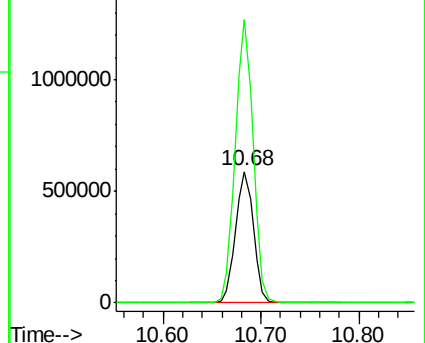
106 100

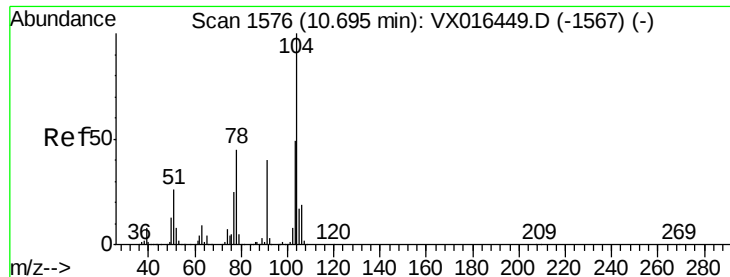
91 214.5 109.6 328.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#70

Stvrene

Concen: 15.760 ug/l

RT: 10.70 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VX016466.D

Acq: 27 May 2020 23:17

Instrument :

MSVOA_X

ClientSampleId :

C0AP4

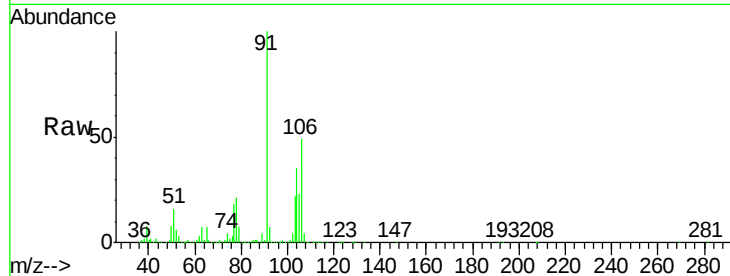
Tot Ion:104 Resp: 194025

Ion Ratio Lower Upper

104 100

78 90.6 40.2 60.2#

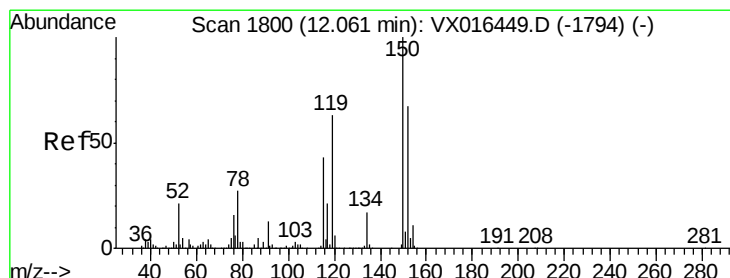
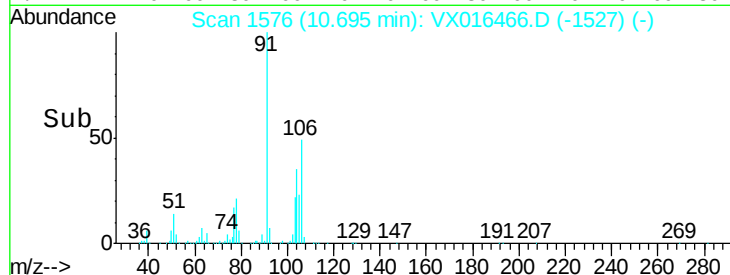
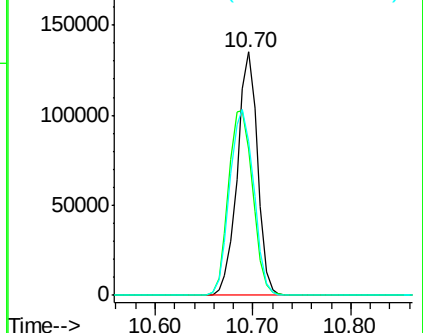
103 90.4 43.1 64.7#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX016466.D

Acq: 27 May 2020 23:17

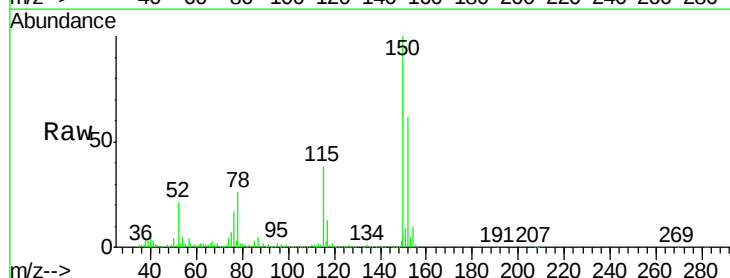
Tgt Ion:152 Resp: 284810

Ion Ratio Lower Upper

152 100

115 59.2 39.9 119.6

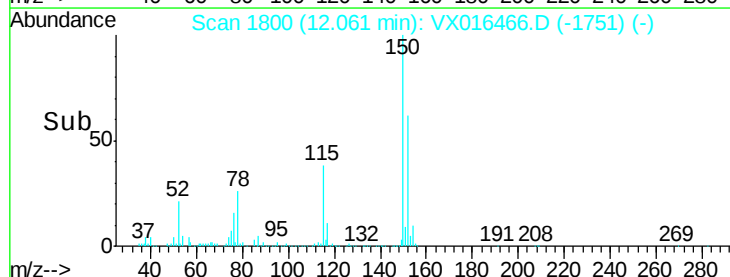
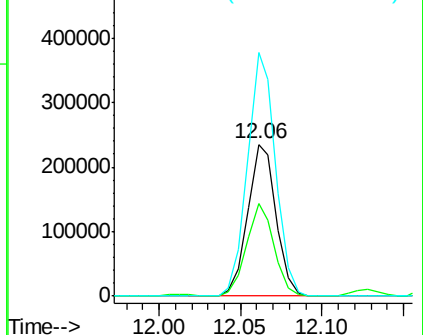
150 158.8 0.0 341.0

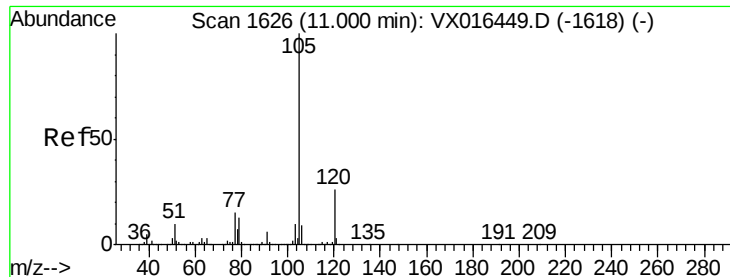


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 2.961 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX016466.D

Acq: 27 May 2020 23:17

Instrument :

MSVOA_X

ClientSampleId :

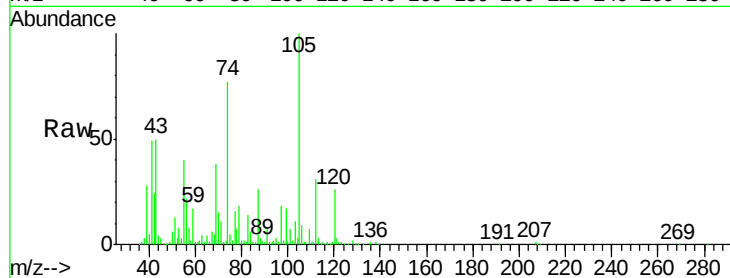
C0AP4

Tot Ion:105 Resp: 58436

Ion Ratio Lower Upper

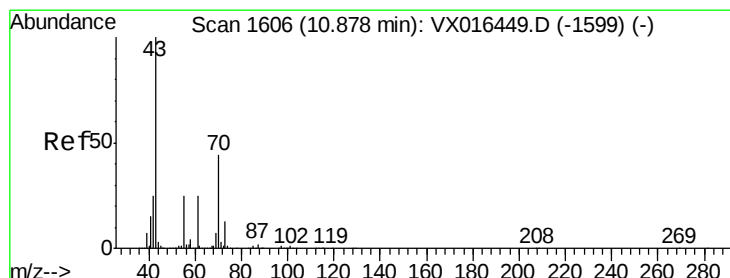
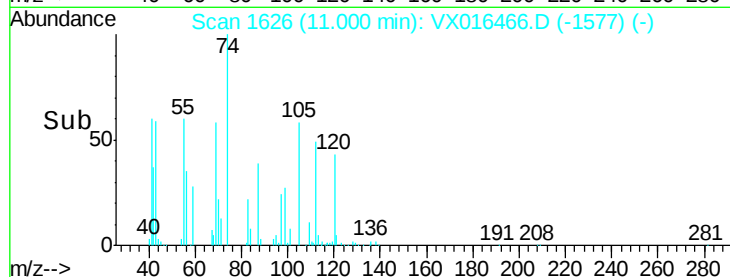
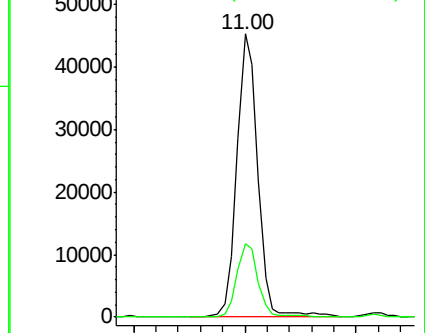
105 100

120 26.2 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 1.452 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX016466.D

Acq: 27 May 2020 23:17

Tgt Ion: 43 Resp: 13183

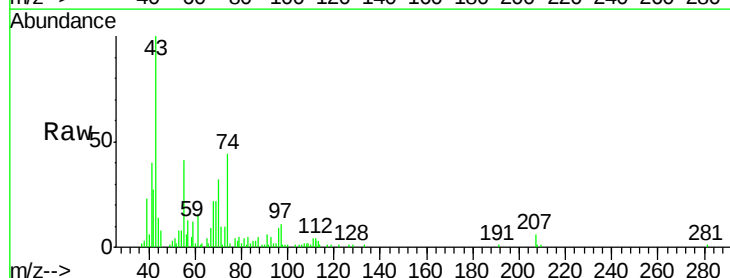
Ion Ratio Lower Upper

43 100

70 39.3 36.1 54.1

55 0.0 20.2 30.4#

61 14.9 20.3 30.5#

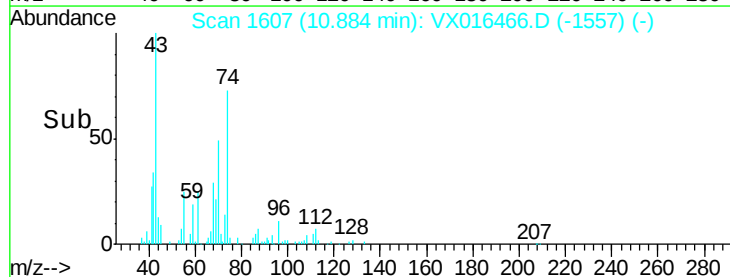
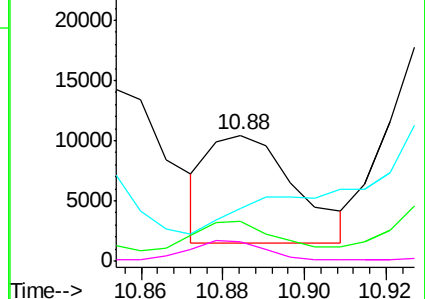


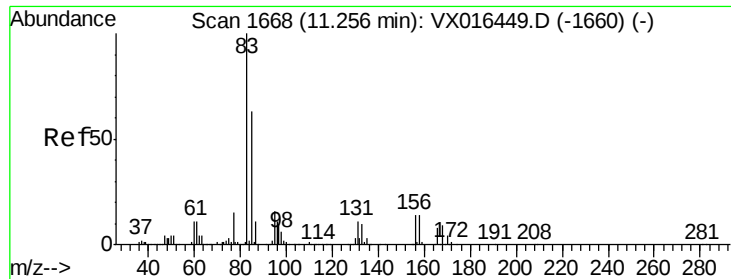
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 7.840 ug/l

RT: 11.26 min Scan# 1669

Delta R.T. 0.01 min

Lab File: VX016466.D

Acq: 27 May 2020 23:17

Instrument :

MSVOA_X

ClientSampleId :

C0AP4

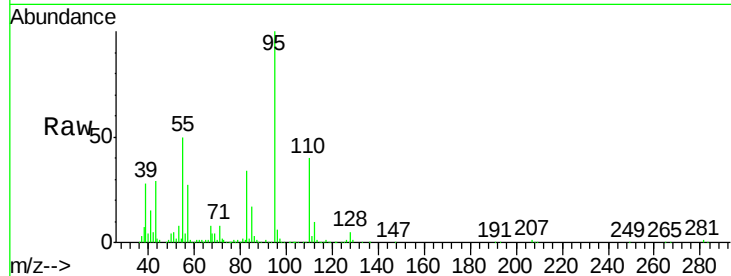
Tot Ion: 83 Resp: 38773

Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.3#

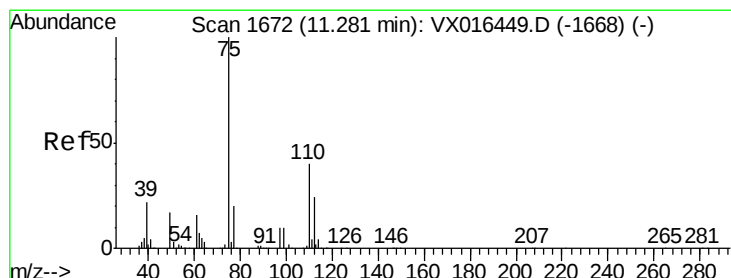
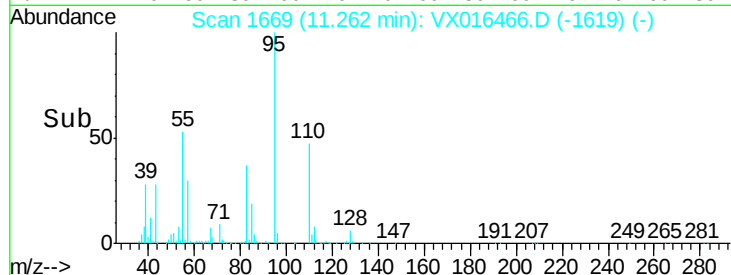
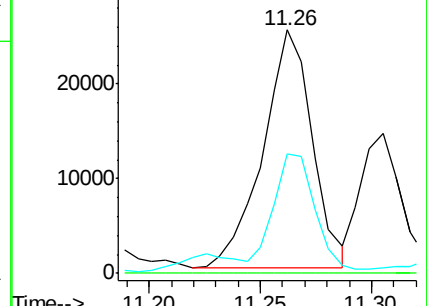
85 39.8 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 0.964 ug/l

RT: 11.42 min Scan# 1695

Delta R.T. 0.14 min

Lab File: VX016466.D

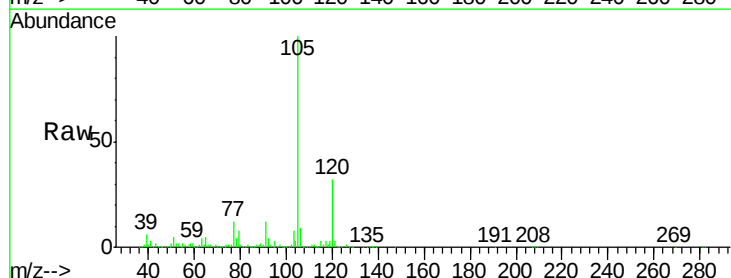
Acq: 27 May 2020 23:17

Tgt Ion: 75 Resp: 6033

Ion Ratio Lower Upper

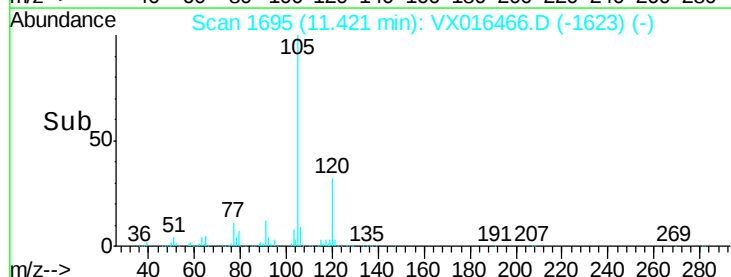
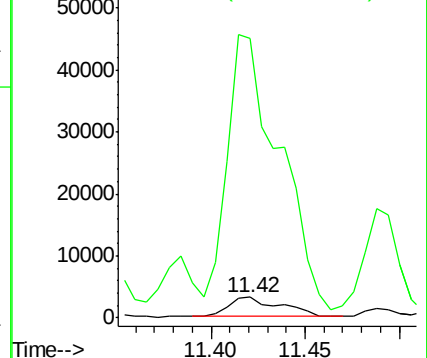
75 100

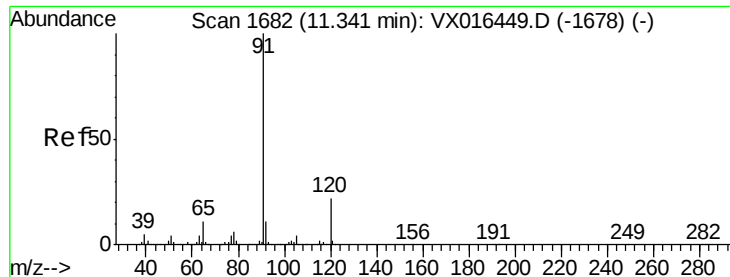
77 1463.9 21.3 63.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 9.403 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX016466.D

Acq: 27 May 2020 23:17

Instrument :

MSVOA_X

ClientSampleId :

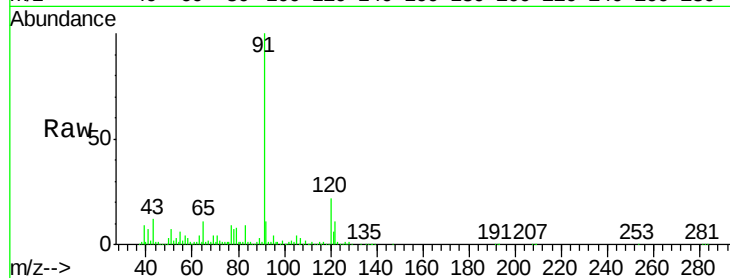
C0AP4

Tot Ion: 91 Resp: 207306

Ion Ratio Lower Upper

91 100

120 23.1 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

11.34

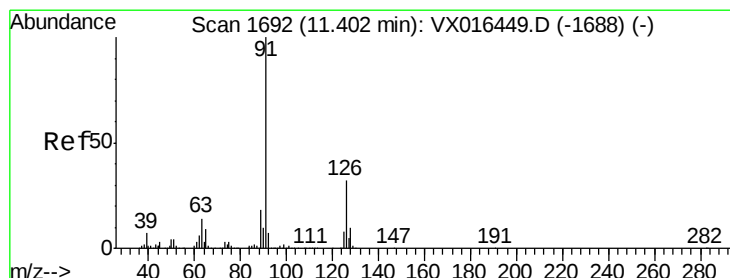
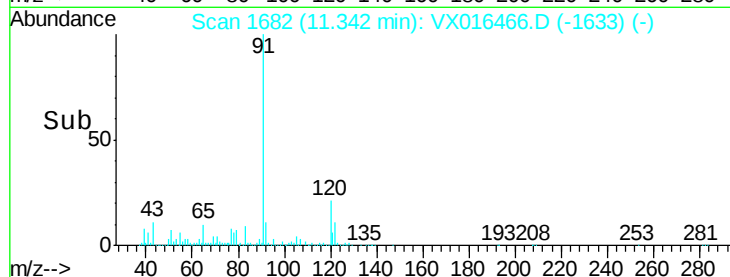
150000

100000

50000

0

Time-->



#79

2-Chlorotoluene

Concen: 6.342 ug/l

RT: 11.42 min Scan# 1695

Delta R.T. 0.02 min

Lab File: VX016466.D

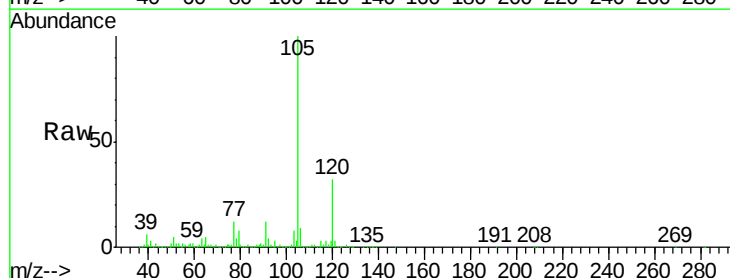
Acq: 27 May 2020 23:17

Tgt Ion: 91 Resp: 85349

Ion Ratio Lower Upper

91 100

126 3.9 16.8 50.3#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

11.42

50000

40000

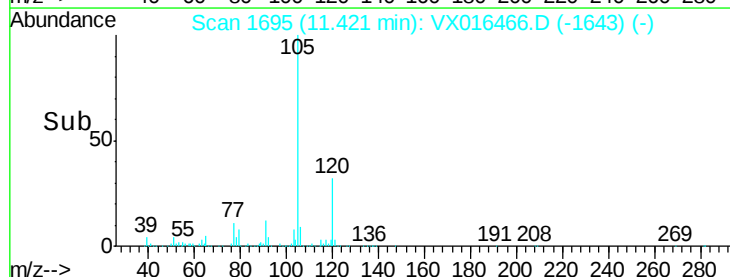
30000

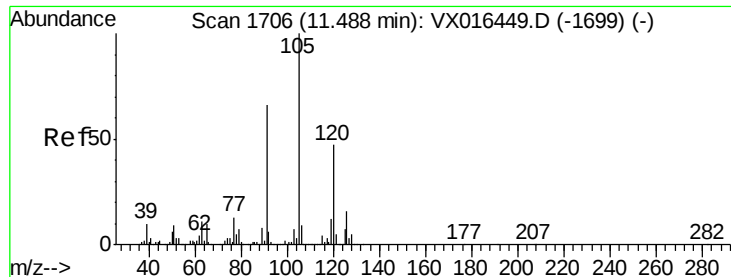
20000

10000

0

Time-->





#80

1,3,5-Trimethylbenzene

Concen: 10.614 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX016466.D

Acq: 27 May 2020 23:17

Instrument :

MSVOA_X

ClientSampled :

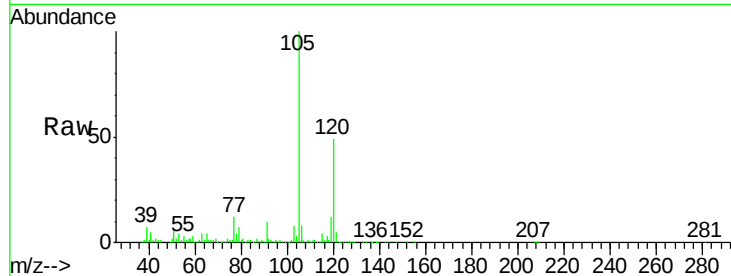
C0AP4

Tot Ion:105 Resp: 174893

Ion Ratio Lower Upper

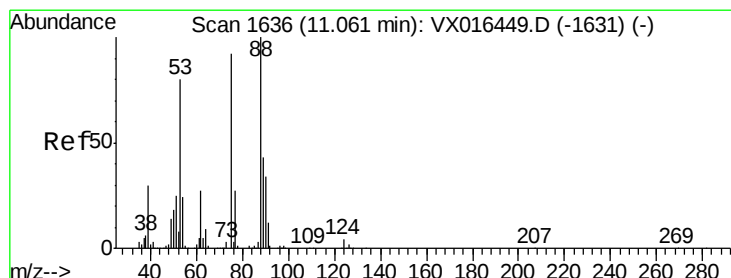
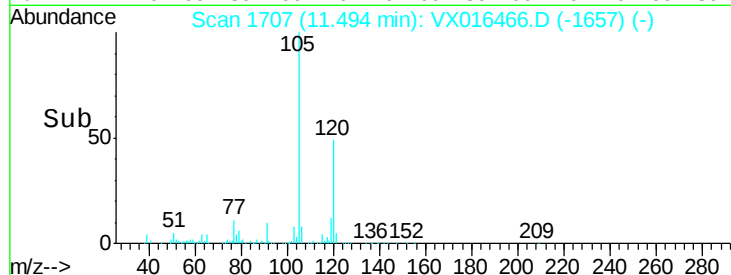
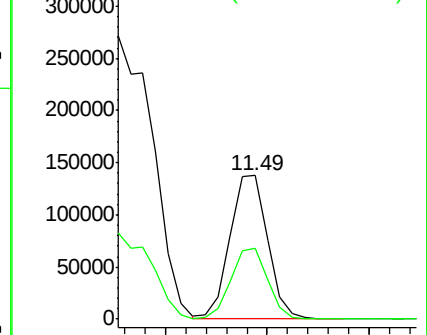
105 100

120 48.6 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 1.787 ug/l

RT: 11.07 min Scan# 1637

Delta R.T. 0.01 min

Lab File: VX016466.D

Acq: 27 May 2020 23:17

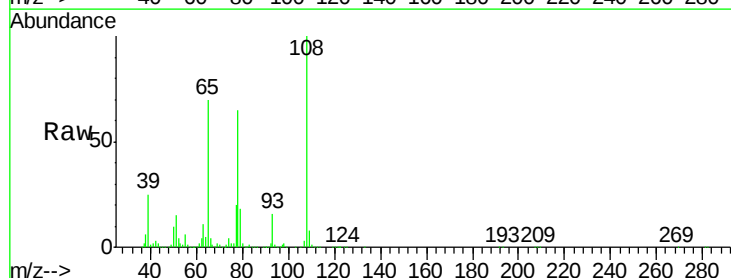
Tgt Ion: 75 Resp: 4548

Ion Ratio Lower Upper

75 100

53 104.0 71.3 106.9

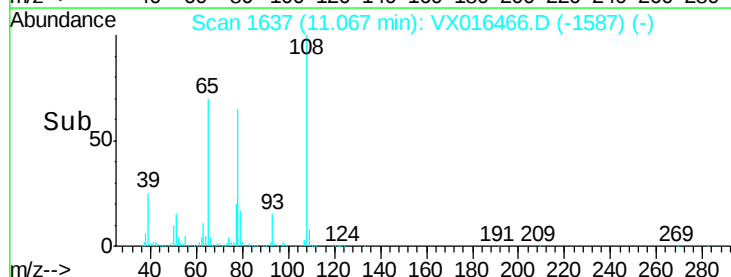
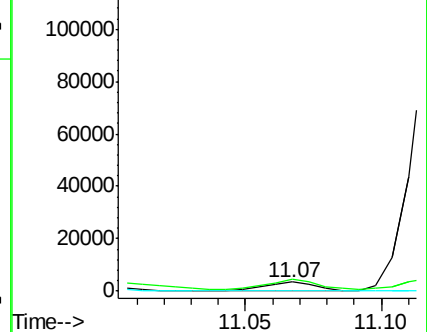
89 3.9 36.6 55.0#

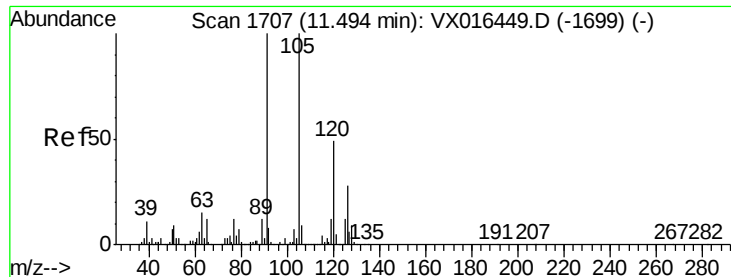


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





#82

4-Chlorotoluene

Concen: 1.206 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX016466.D

Acq: 27 May 2020 23:17

Instrument :

MSVOA_X

ClientSampled :

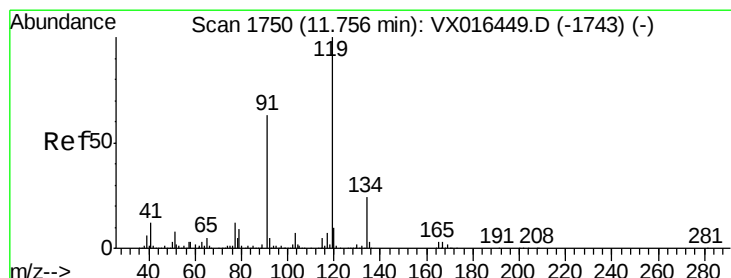
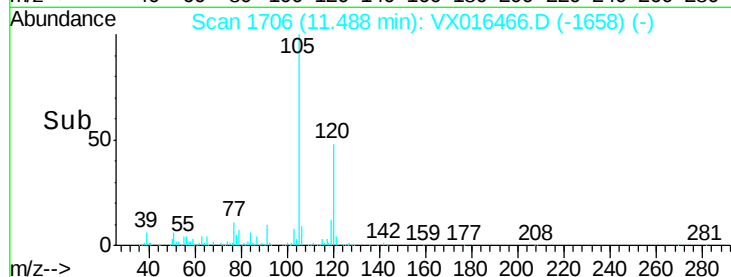
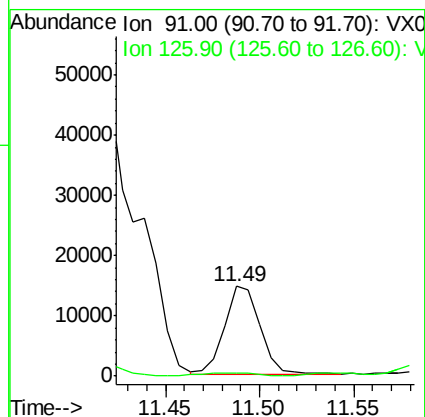
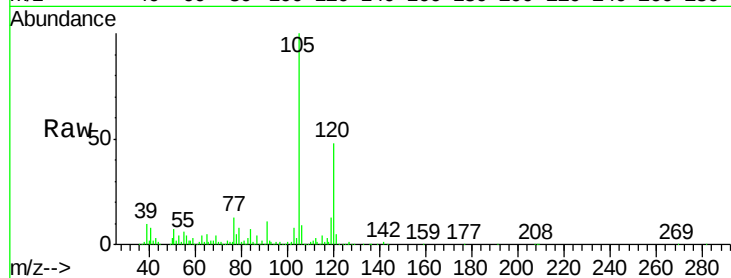
C0AP4

Tot Ion: 91 Resp: 19159

Ion Ratio Lower Upper

91 100

126 5.9 14.7 44.1#



#83

tert-Butylbenzene

Concen: 5.799 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.04 min

Lab File: VX016466.D

Acq: 27 May 2020 23:17

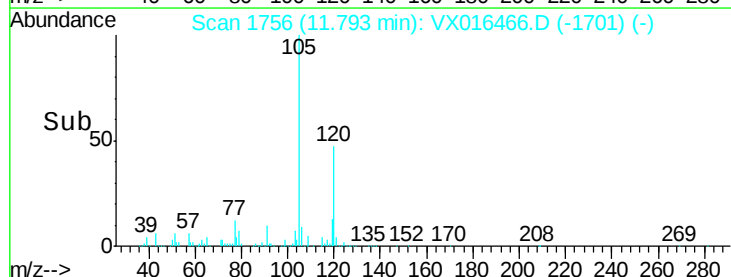
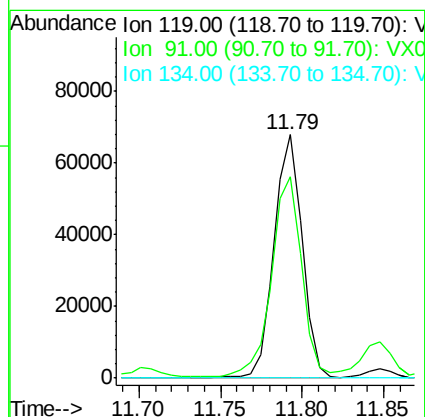
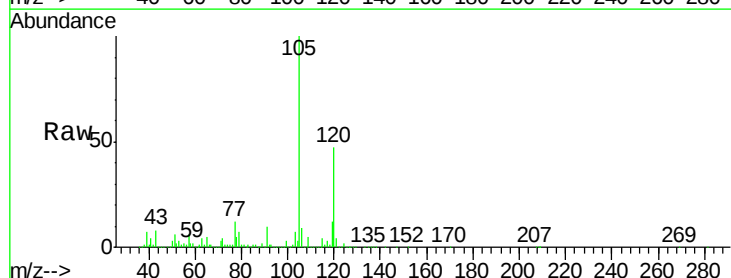
Tgt Ion: 119 Resp: 81648

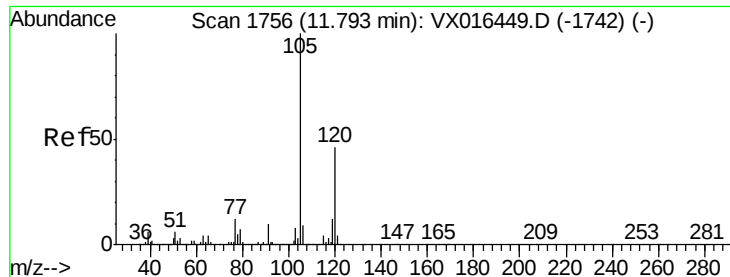
Ion Ratio Lower Upper

119 100

91 87.6 31.3 93.8

134 0.0 12.0 36.0#





#84

1,2,4-Trimethylbenzene

Concen: 40.106 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX016466.D

Acq: 27 May 2020 23:17

Instrument :

MSVOA_X

ClientSampled :

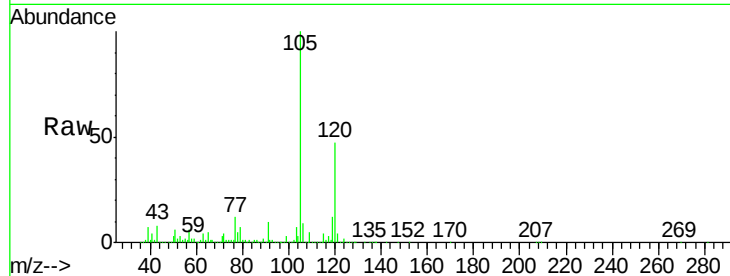
C0AP4

Tot Ion:105 Resp: 668320

Ion Ratio Lower Upper

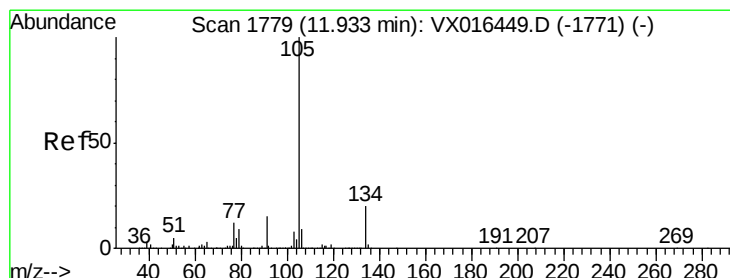
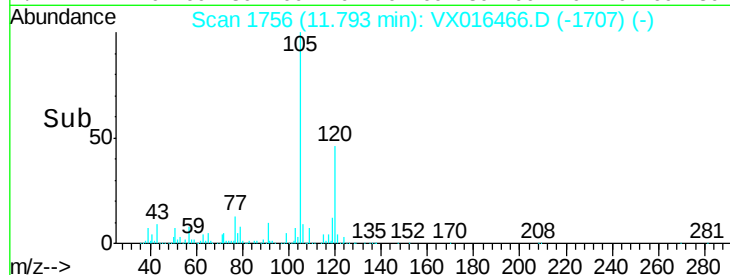
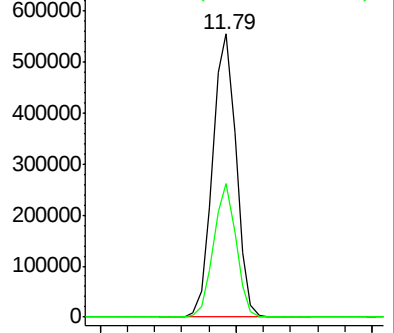
105 100

120 45.4 22.6 67.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 37.839 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.14 min

Lab File: VX016466.D

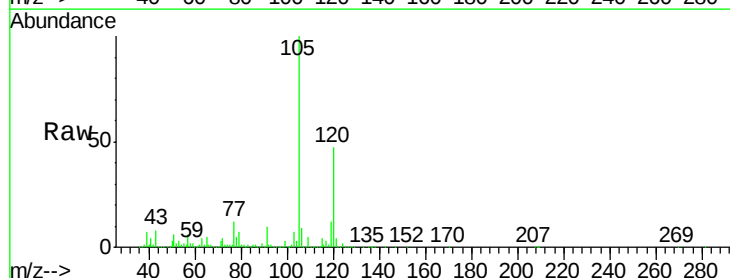
Acq: 27 May 2020 23:17

Tgt Ion:105 Resp: 668320

Ion Ratio Lower Upper

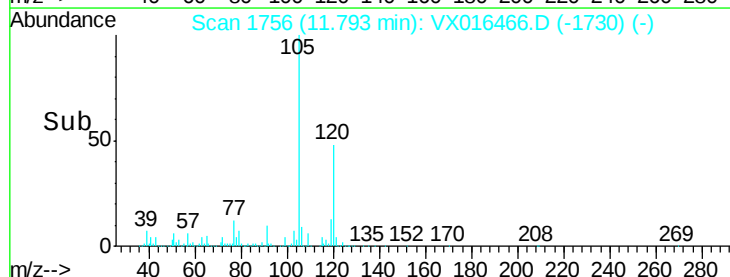
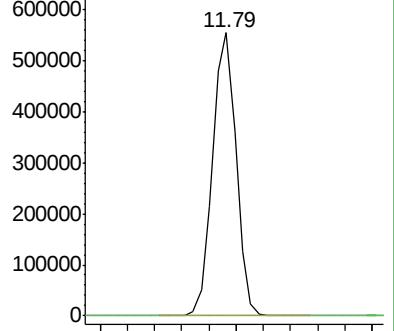
105 100

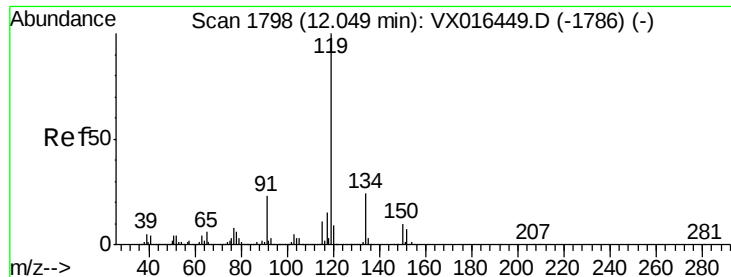
134 0.0 10.1 30.3#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

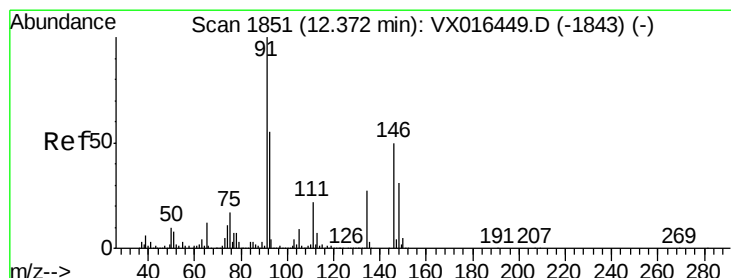
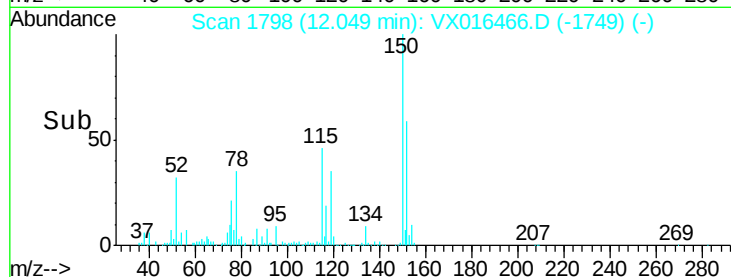
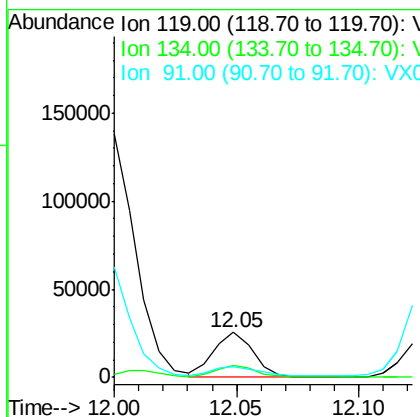
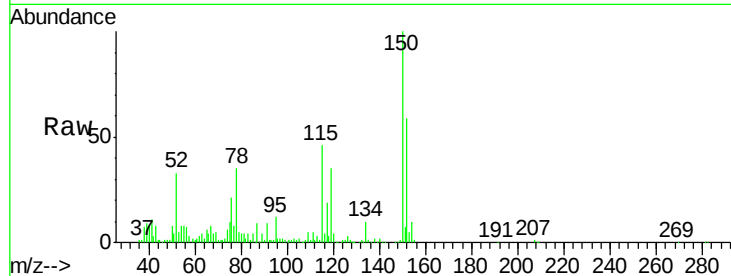




#86
p-Isopropyltoluene
Concen: 1.703 ug/l
RT: 12.05 min Scan# 1798
Delta R.T. 0.00 min
Lab File: VX016466.D
Acq: 27 May 2020 23:17

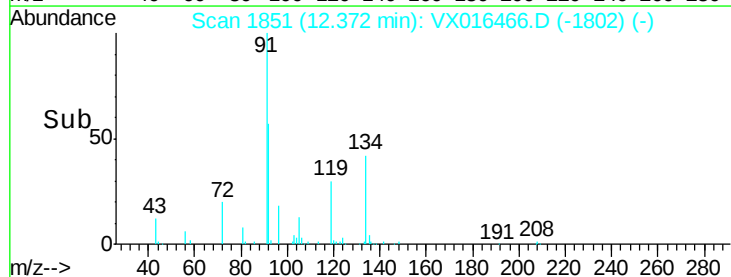
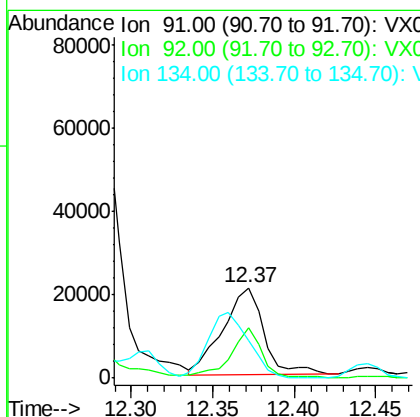
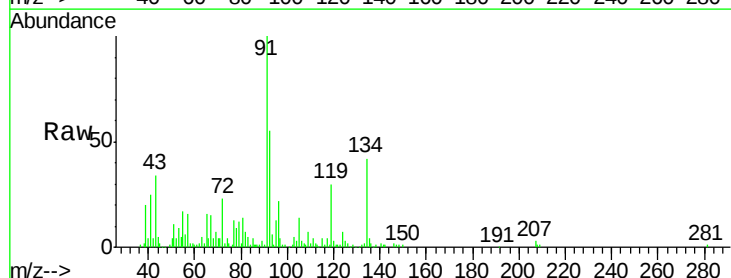
Instrument :
MSVOA_X
ClientSampleId :
C0AP4

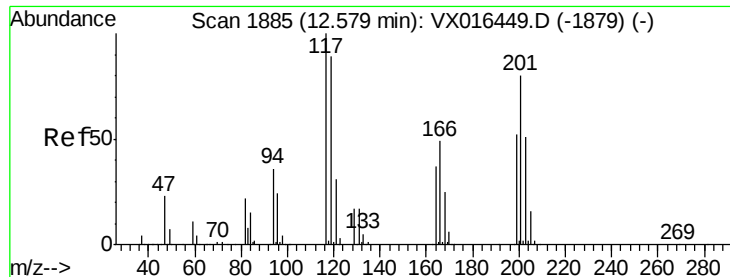
Tot Ion:119 Resp: 28182
Ion Ratio Lower Upper
119 100
134 27.7 12.7 38.0
91 0.0 11.7 35.0#



#89
n-Butylbenzene
Concen: 2.670 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX016466.D
Acq: 27 May 2020 23:17

Tgt Ion: 91 Resp: 36796
Ion Ratio Lower Upper
91 100
92 43.1 27.2 81.5
134 74.8 13.1 39.3#





#90

Hexachloroethane

Concen: 3.878 ug/l

RT: 12.59 min Scan# 1887

Delta R.T. 0.01 min

Lab File: VX016466.D

Acq: 27 May 2020 23:17

Instrument :

MSVOA_X

ClientSampleId :

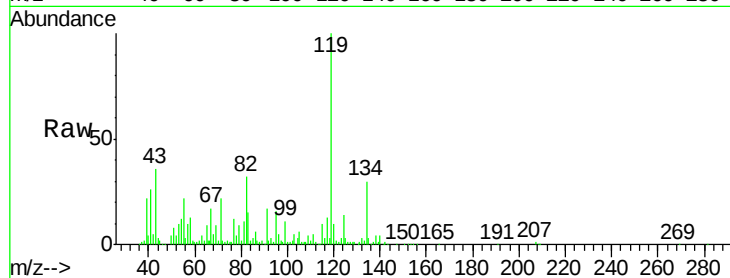
C0AP4

Tot Ion:117 Resp: 11081

Ion Ratio Lower Upper

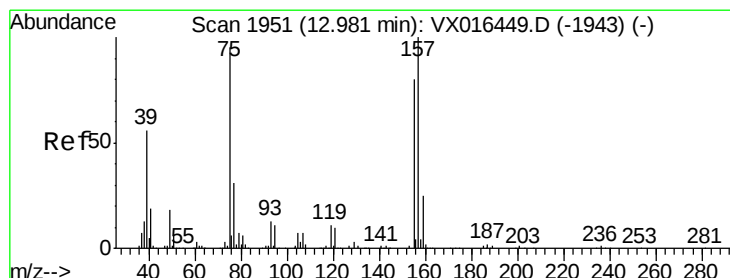
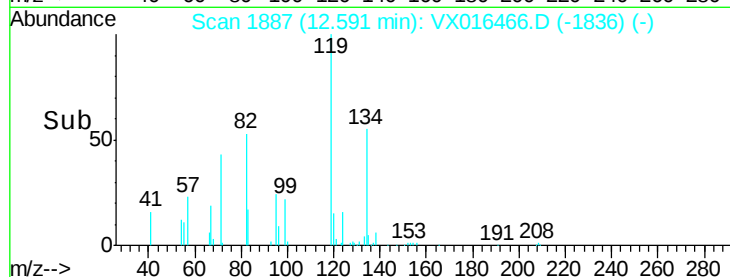
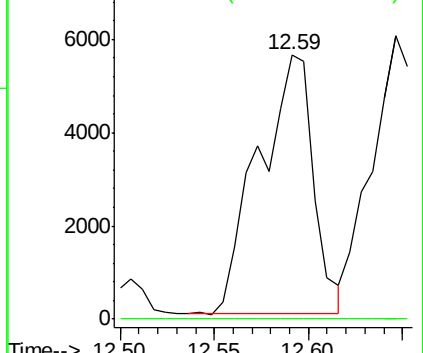
117 100

201 0.0 43.1 129.3#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.002 ug/l

RT: 13.00 min Scan# 1954

Delta R.T. 0.02 min

Lab File: VX016466.D

Acq: 27 May 2020 23:17

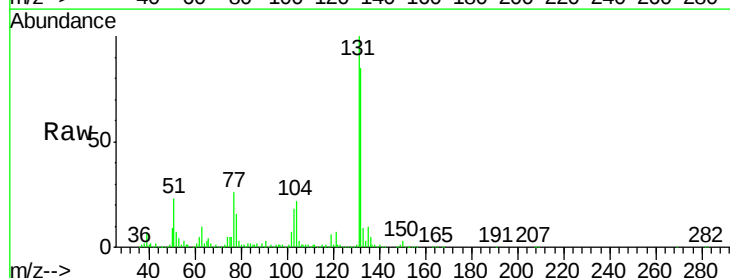
Tgt Ion: 75 Resp: 35247

Ion Ratio Lower Upper

75 100

155 0.3 44.1 132.4#

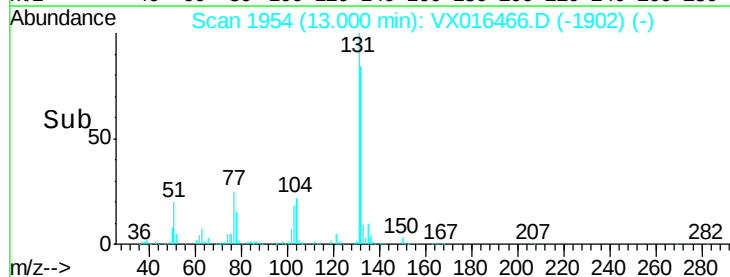
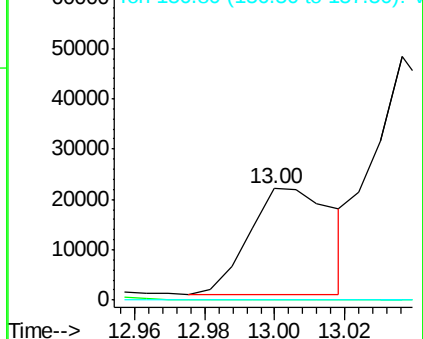
157 0.0 57.8 173.3#

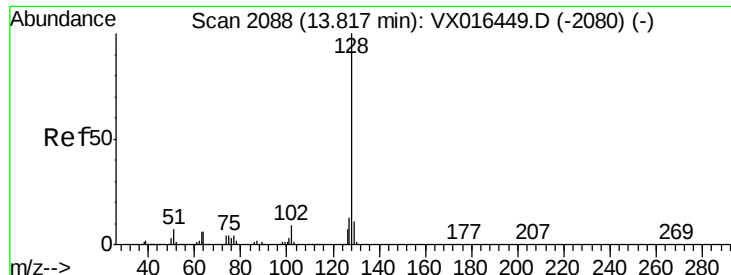


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95

Naphthalene

Concen: 48.385 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX016466.D

Acq: 27 May 2020 23:17

Instrument :

MSVOA_X

ClientSampleId :

C0AP4

Tot Ion:128 Resp: 957032

Ion Ratio Lower Upper

128 100

127 13.5 10.6 15.8

129 13.0 8.6 13.0#

