

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052720\
 Data File : VX016464.D
 Acq On : 27 May 2020 22:32
 Operator : JC/SP
 Sample : L2757-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C0AP3

Quant Time: May 28 03:02:01 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	5.64	168	284214	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	465088	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	460413	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	252178	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	172623	48.91	ug/l	0.00
Spiked Amount			Recovery	=	97.82%	
35) Dibromofluoromethane	5.47	113	137799	48.12	ug/l	0.00
Spiked Amount			Recovery	=	96.24%	
50) Toluene-d8	8.70	98	579342	51.98	ug/l	0.00
Spiked Amount			Recovery	=	103.96%	
62) 4-Bromofluorobenzene	11.12	95	259815	60.32	ug/l	0.00
Spiked Amount			Recovery	=	120.64%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	2.49	142	166	3.106	ug/l #	55
11) Tert butyl alcohol	3.00	59	1618	1.788	ug/l #	72
13) Acrolein	2.27	56	8078	20.981	ug/l	100
16) Acetone	2.42	43	183057	118.377	ug/l	96
18) Methyl Acetate	2.75	43	343289	86.554	ug/l	100
20) Methylene Chloride	2.84	84	6378	1.994	ug/l	98
25) 2-Butanone	4.64	43	143470	54.753	ug/l	99
29) Tetrahydrofuran	5.10	42	35435	20.932	ug/l	99
36) 1,1-Dichloropropene	5.63	75	21043	4.779	ug/l #	51
37) Ethyl Acetate	4.64	43	143605	27.163	ug/l #	68
38) Carbon Tetrachloride	5.63	117	27626	5.970	ug/l #	17
40) Benzene	6.12	78	143710	10.959	ug/l	99
41) Methacrylonitrile	5.10	41	20933	7.208	ug/l #	45
43) Isopropyl Acetate	6.42	43	90082	10.924	ug/l	97
48) Methyl methacrylate	7.85	41	125068	31.676	ug/l #	40
49) 1,4-Dioxane	7.85	88	324	3.506	ug/l #	1
51) 4-Methyl-2-Pentanone	8.60	43	66035	12.860	ug/l #	34
52) Toluene	8.77	92	767720	92.841	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	1481	0.281	ug/l #	84
54) cis-1,3-Dichloropropene	8.60	75	31225	5.588	ug/l #	58
55) 1,1,2-Trichloroethane	9.21	97	1251	0.380	ug/l #	25
56) Ethyl methacrylate	9.05	69	1778	0.332	ug/l #	27
57) 1,3-Dichloropropane	9.52	76	5719	1.013	ug/l #	51
59) 2-Hexanone	9.48	43	247162	61.898	ug/l	95
67) Ethyl Benzene	10.24	91	571915	34.222	ug/l	100
68) m/p-Xylenes	10.34	106	558524	90.138	ug/l	99
69) o-Xylene	10.68	106	399684	66.604	ug/l	99
70) Styrene	10.70	104	97061	9.410	ug/l #	40
73) Isopropylbenzene	11.00	105	36631	2.096	ug/l	99
74) N-amyl acetate	10.85	43	23230	2.890	ug/l #	40
75) 1,1,2,2-Tetrachloroethane	11.27	83	50461	11.523	ug/l #	59
76) 1,2,3-Trichloropropane	11.41	75	4325	0.780	ug/l #	1
78) n-propylbenzene	11.34	91	114154	5.848	ug/l	99
79) 2-Chlorotoluene	11.42	91	57851	4.855	ug/l #	59

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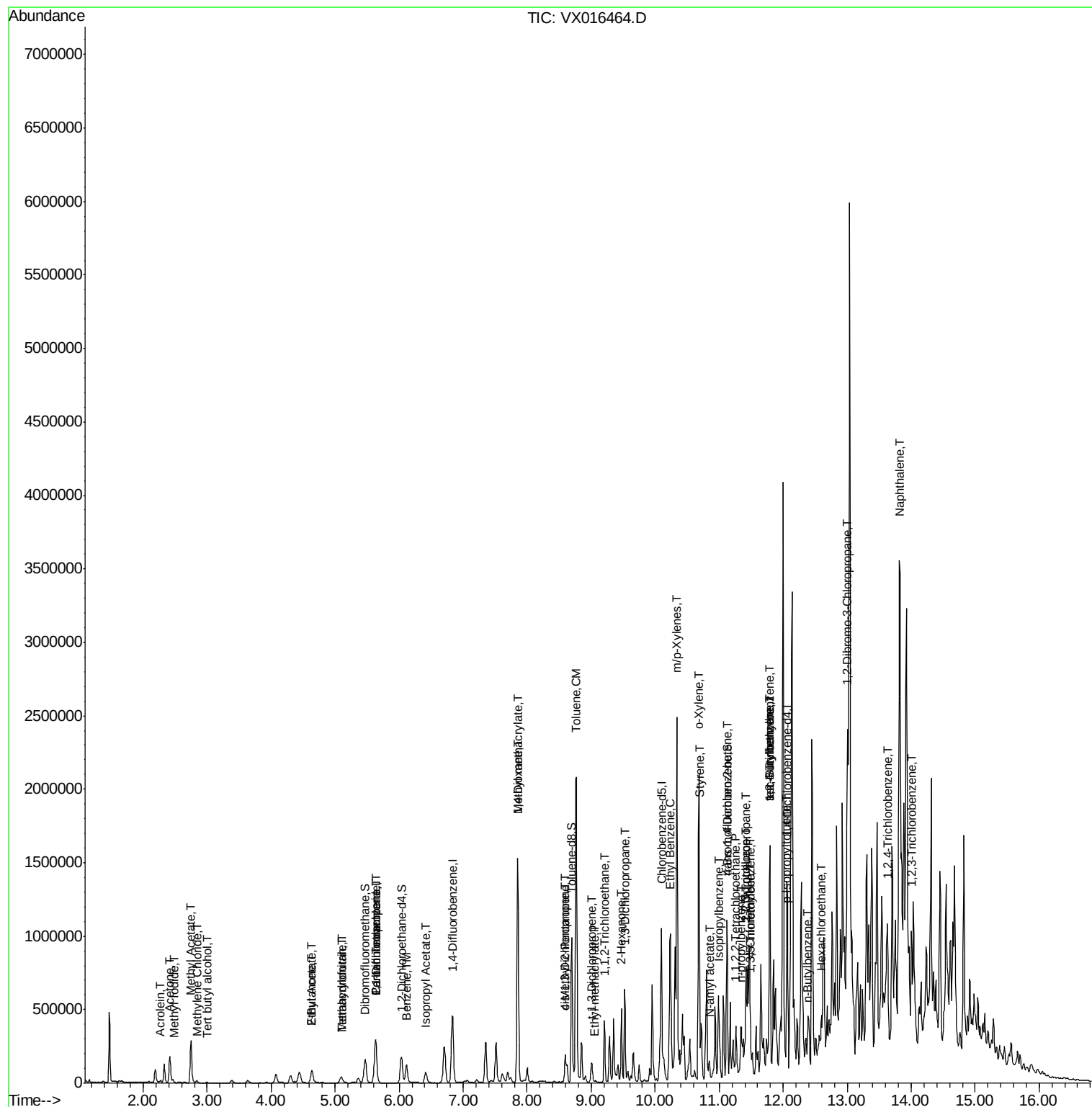
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) 1,3,5-Trimethylbenzene	11.49	105	131632	9.022	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.12	75	118988	52.804	ug/l #	17
82) 4-Chlorotoluene	11.49	91	14753	1.048	ug/l #	58
83) tert-Butylbenzene	11.79	119	65423	5.248	ug/l #	63
84) 1,2,4-Trimethylbenzene	11.79	105	522890	35.439	ug/l	99
85) sec-Butylbenzene	11.79	105	522890	33.436	ug/l #	56
86) p-Isopropyltoluene	12.05	119	23116	1.578	ug/l #	73
89) n-Butylbenzene	12.37	91	30626	2.510	ug/l #	59
90) Hexachloroethane	12.59	117	13799	5.453	ug/l #	6
92) 1,2-Dibromo-3-Chloropropan	13.01	75	35599	25.098	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.63	180	1056	0.207	ug/l #	82
95) Naphthalene	13.82	128	1569812	89.635	ug/l	97
96) 1,2,3-Trichlorobenzene	14.00	180	1240	0.248	ug/l #	1

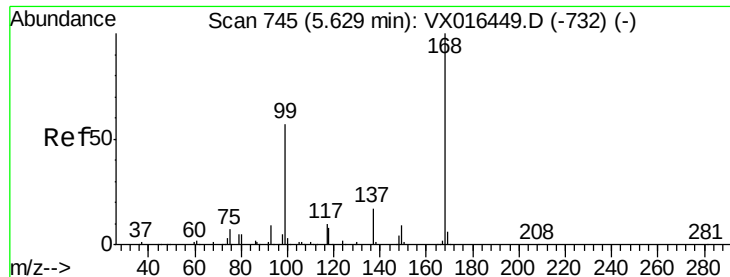
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX016464.D

Acq: 27 May 2020 22:32

Instrument :

MSVOA_X

ClientSampleId :

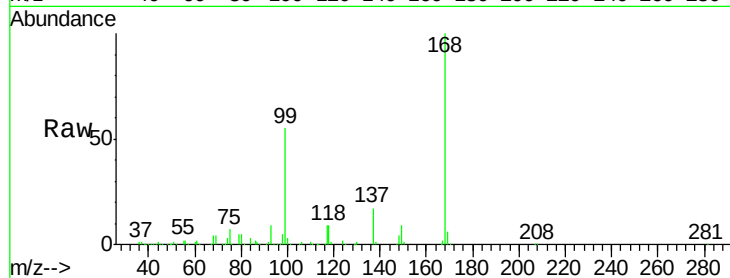
C0AP3

Tot Ion:168 Resp: 284214

Ion Ratio Lower Upper

168 100

99 54.6 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

100000

80000

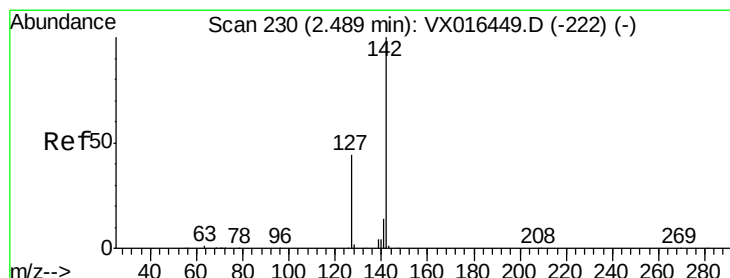
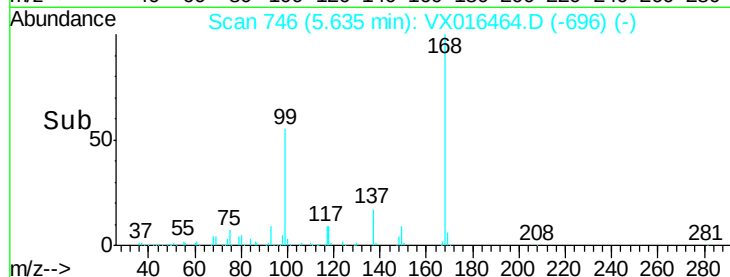
60000

40000

20000

0

Time--> 5.50 5.60 5.70



#10

Methyl Iodide

Concen: 3.106 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX016464.D

Acq: 27 May 2020 22:32

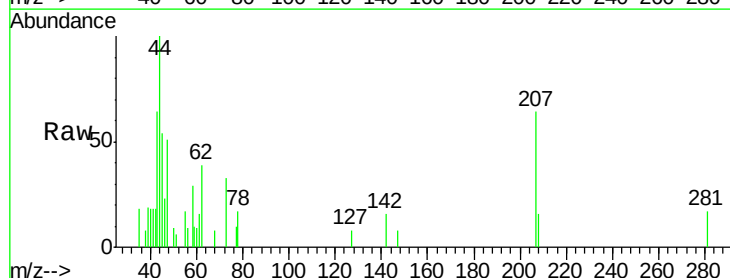
Tgt Ion:142 Resp: 166

Ion Ratio Lower Upper

142 100

127 13.3 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

2.49

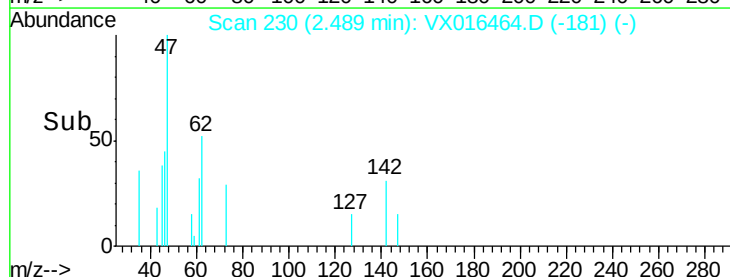
150

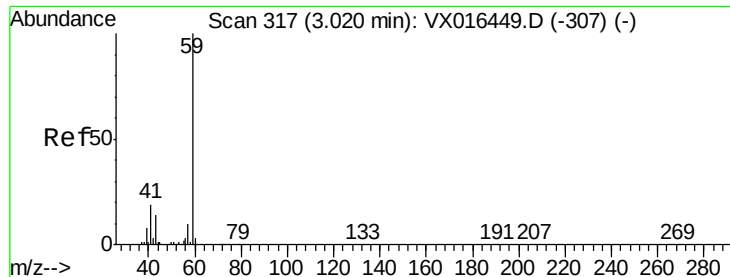
100

50

0

Time--> 2.45 2.50



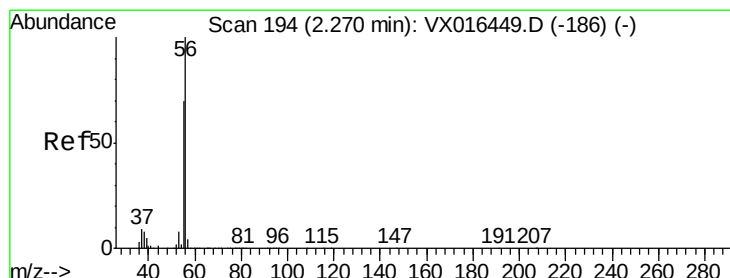
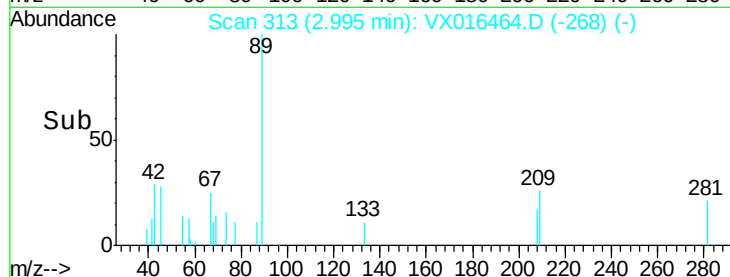
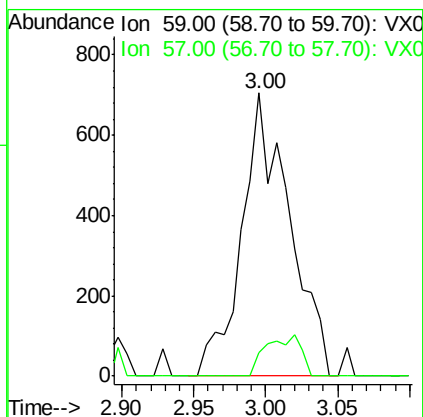
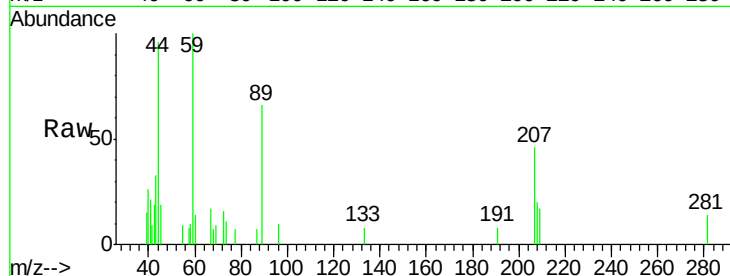


#11

Tert butyl alcohol
 Concen: 1.788 ug/l
 RT: 3.00 min Scan# 313
 Delta R.T. -0.02 min
 Lab File: VX016464.D
 Acq: 27 May 2020 22:32

Instrument :
 MSVOA_X
 ClientSampleId :
 C0AP3

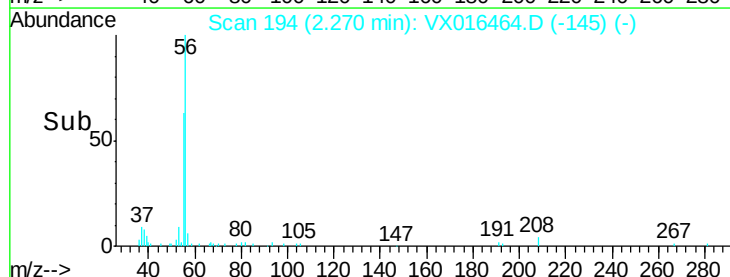
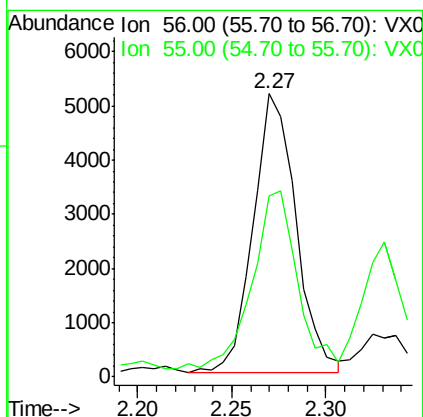
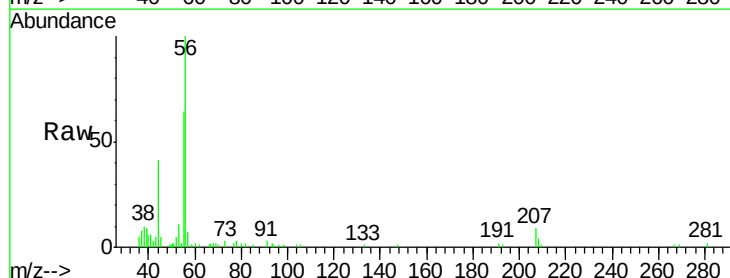
Tot Ion: 59 Resp: 1618
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.2 12.4#

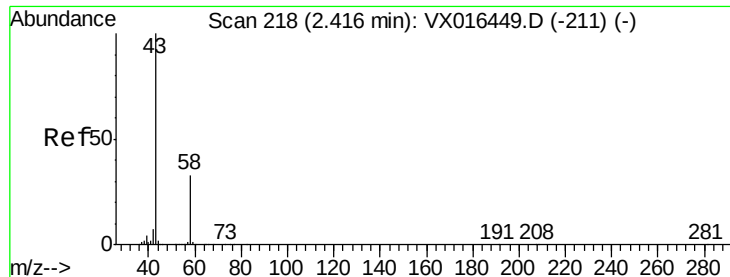


#13

Acrolein
 Concen: 20.981 ug/l
 RT: 2.27 min Scan# 194
 Delta R.T. -0.00 min
 Lab File: VX016464.D
 Acq: 27 May 2020 22:32

Tgt Ion: 56 Resp: 8078
 Ion Ratio Lower Upper
 56 100
 55 73.2 58.3 87.5

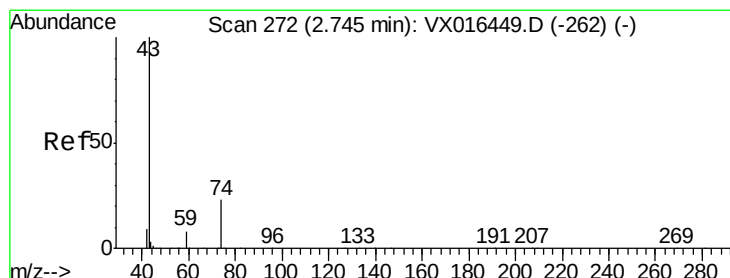
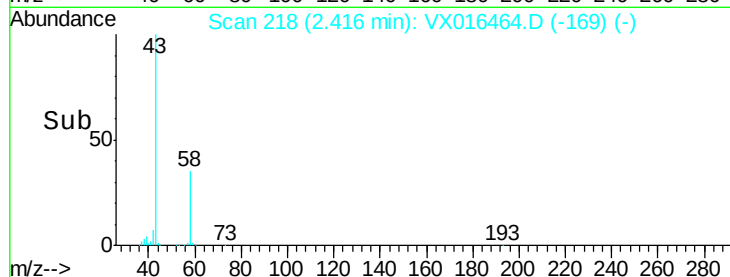
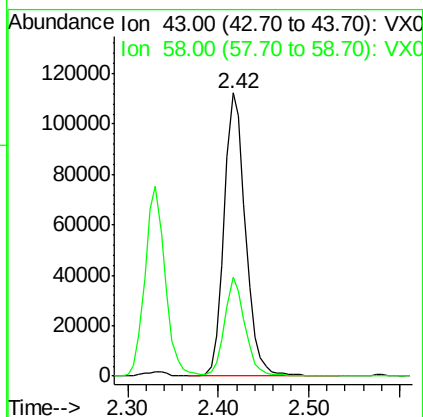
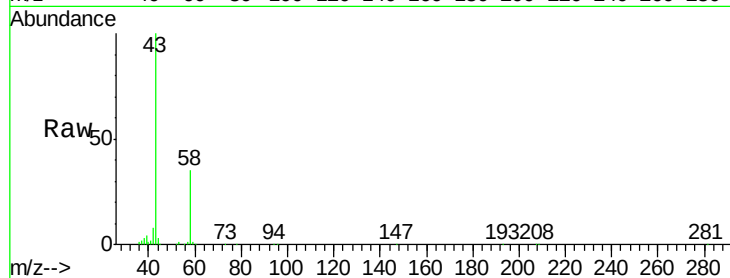




#16
Acetone
Concen: 118.377 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.00 min
Lab File: VX016464.D
Acq: 27 May 2020 22:32

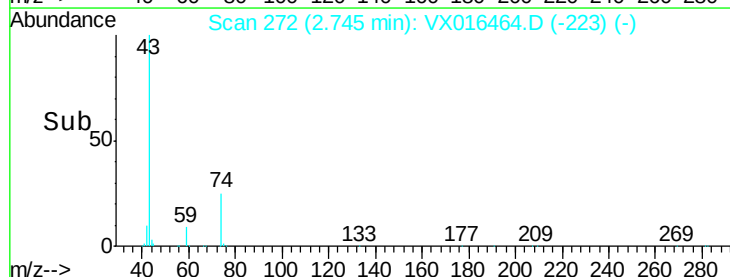
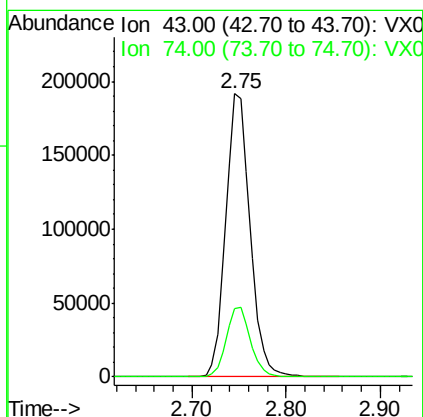
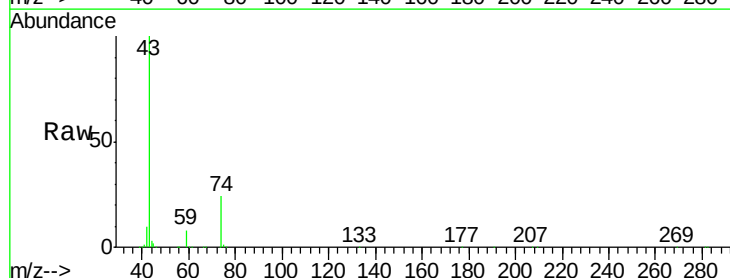
Instrument :
MSVOA_X
ClientSampleId :
C0AP3

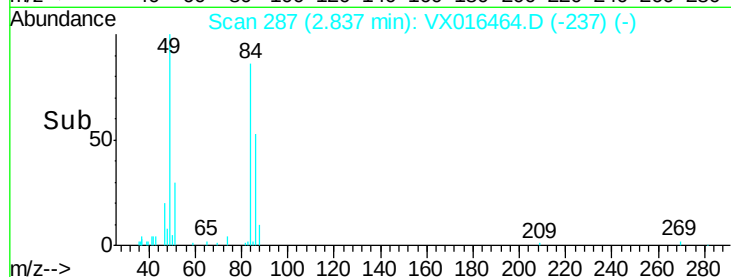
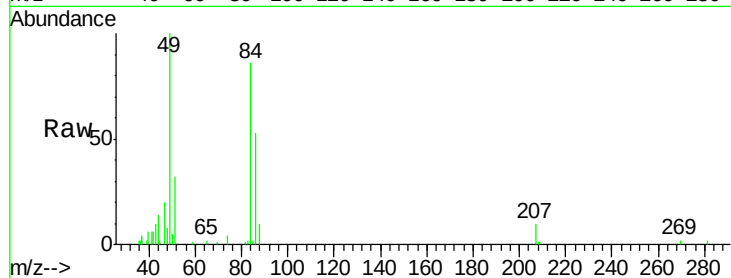
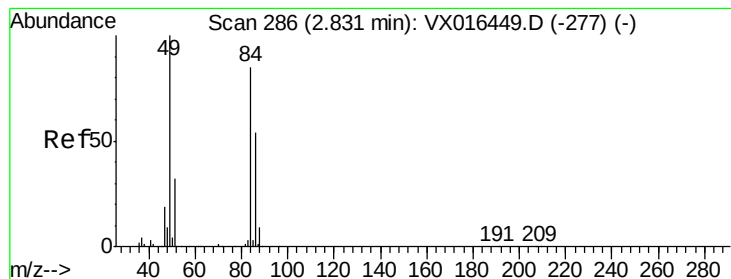
Tot Ion: 43 Resp: 183057
Ion Ratio Lower Upper
43 100
58 35.0 26.1 39.1



#18
Methyl Acetate
Concen: 86.554 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX016464.D
Acq: 27 May 2020 22:32

Tgt Ion: 43 Resp: 343289
Ion Ratio Lower Upper
43 100
74 24.4 19.7 29.5





#20

Methylene Chloride

Concen: 1.994 ug/l

RT: 2.84 min Scan# 287

Delta R.T. 0.01 min

Lab File: VX016464.D

Acq: 27 May 2020 22:32

Instrument :

MSVOA_X

ClientSampleId :

C0AP3

Tot Ion: 84 Resp: 6378

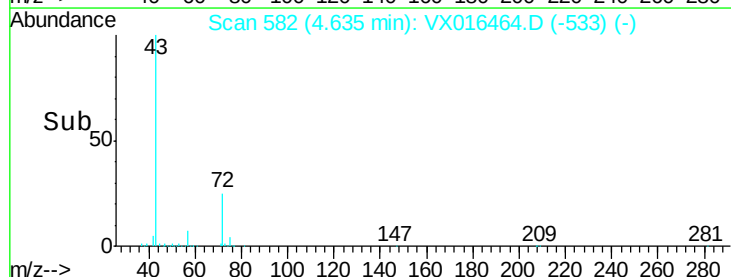
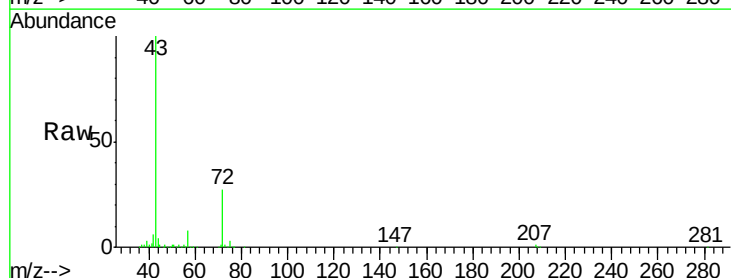
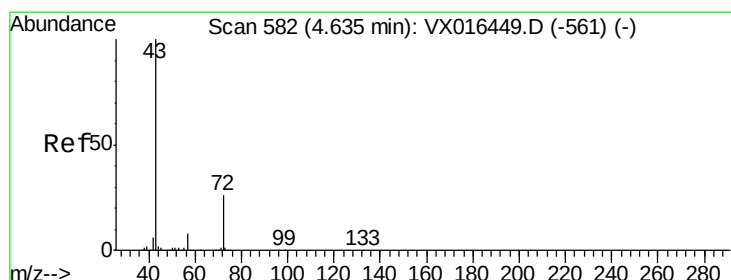
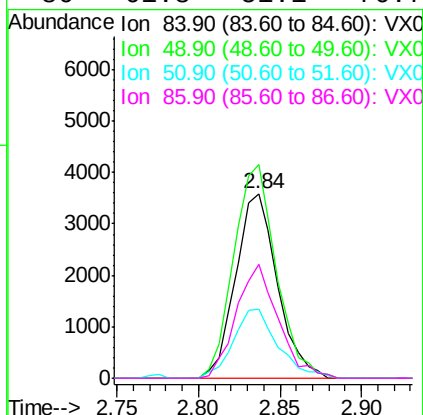
Ion Ratio Lower Upper

84 100

49 115.6 94.5 141.7

51 37.4 30.2 45.4

86 61.8 51.1 76.7



#25

2-Butanone

Concen: 54.753 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX016464.D

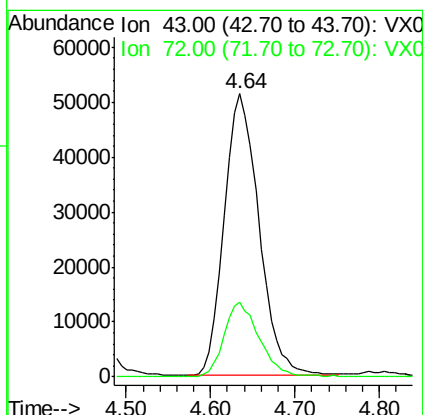
Acq: 27 May 2020 22:32

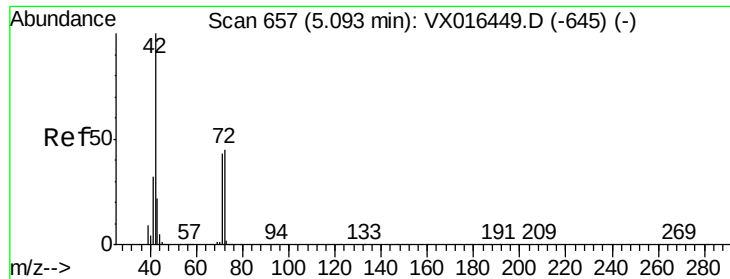
Tgt Ion: 43 Resp: 143470

Ion Ratio Lower Upper

43 100

72 26.7 21.0 31.6

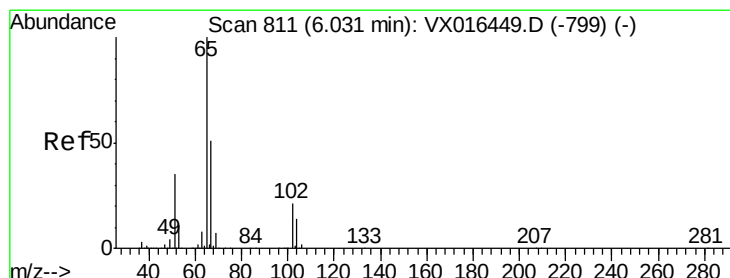
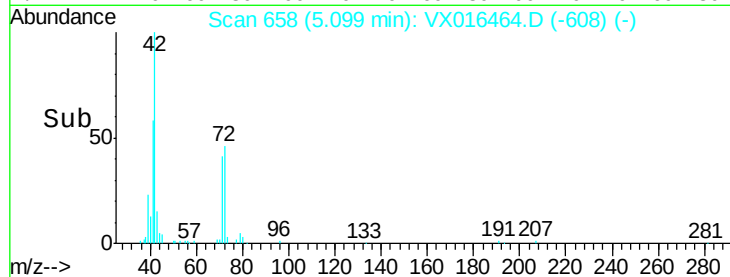
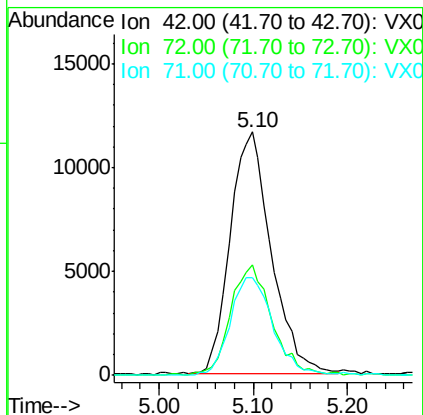
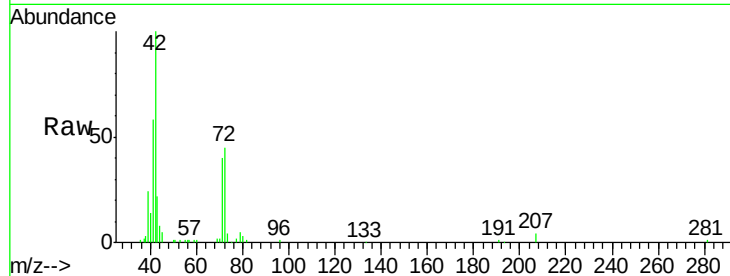




#29
Tetrahydrofuran
Concen: 20.932 ug/l
RT: 5.10 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX016464.D
Acq: 27 May 2020 22:32

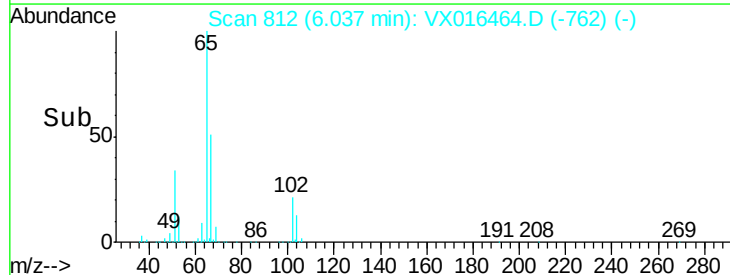
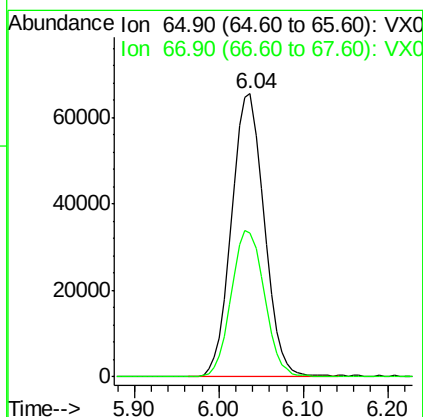
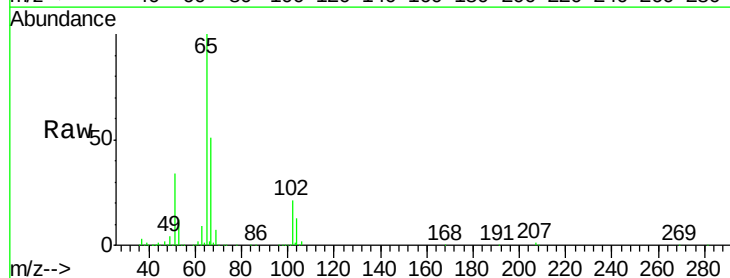
Instrument :
MSVOA_X
ClientSampled :
C0AP3

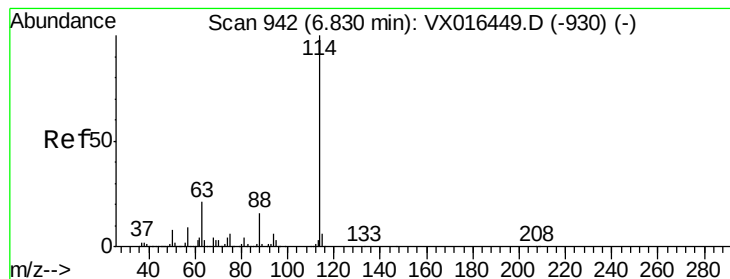
Tot Ion:	42	Resp:	35435
Ion	Ratio	Lower	Upper
42	100		
72	45.9	37.0	55.4
71	42.1	34.1	51.1



#33
1,2-Dichloroethane-d4
Concen: 48.908 ug/l
RT: 6.04 min Scan# 812
Delta R.T. 0.01 min
Lab File: VX016464.D
Acq: 27 May 2020 22:32

Tgt Ion:	65	Resp:	172623
Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016464.D

Acq: 27 May 2020 22:32

Instrument :

MSVOA_X

ClientSampleId :

C0AP3

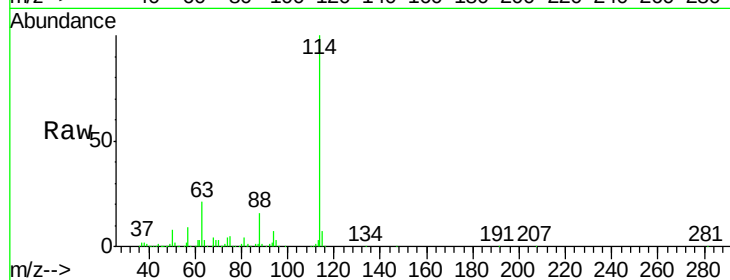
Tot Ion:114 Resp: 465088

Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.6

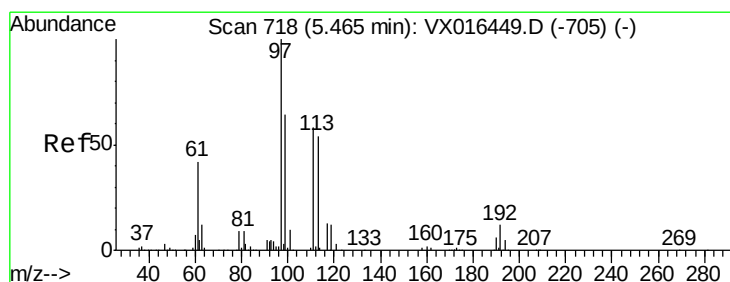
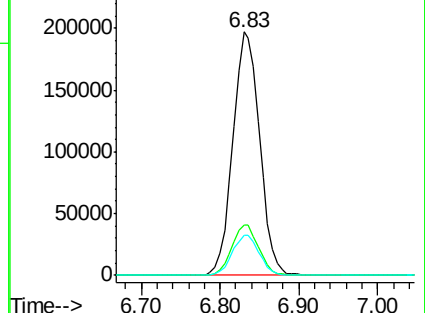
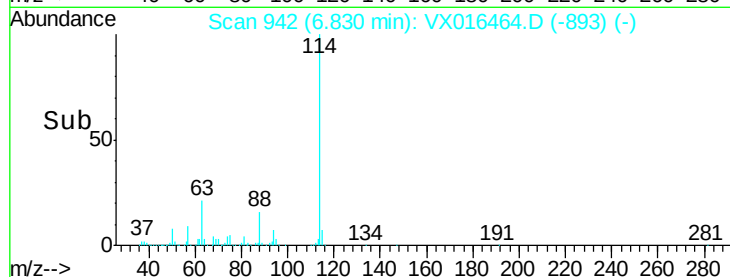
88 16.3 0.0 32.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 48.118 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016464.D

Acq: 27 May 2020 22:32

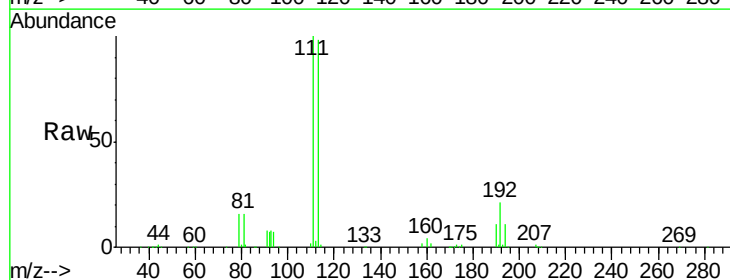
Tgt Ion:113 Resp: 137799

Ion Ratio Lower Upper

113 100

111 102.8 83.0 124.6

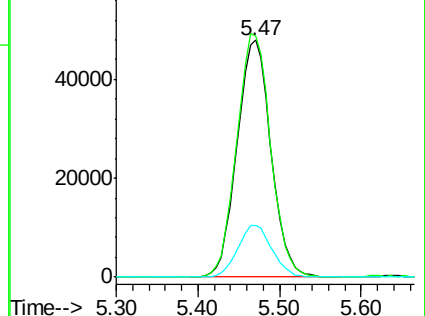
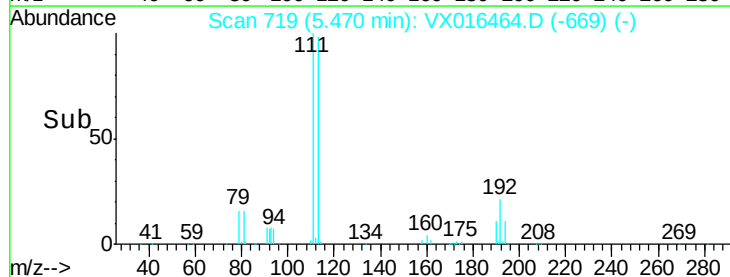
192 21.9 17.7 26.5

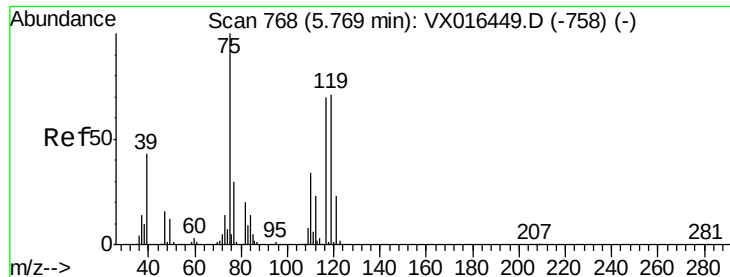


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.779 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.14 min

Lab File: VX016464.D

Acq: 27 May 2020 22:32

Instrument :

MSVOA_X

ClientSampled :

C0AP3

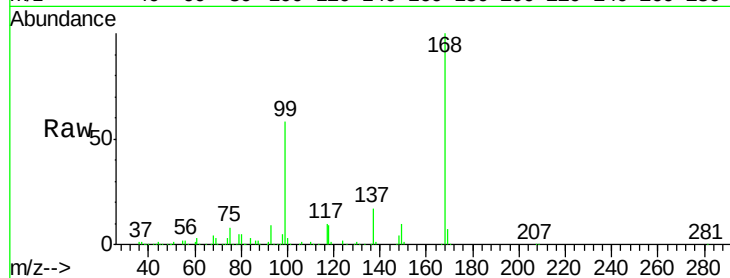
Tot Ion: 75 Resp: 21043

Ion Ratio Lower Upper

75 100

110 9.7 17.4 52.3#

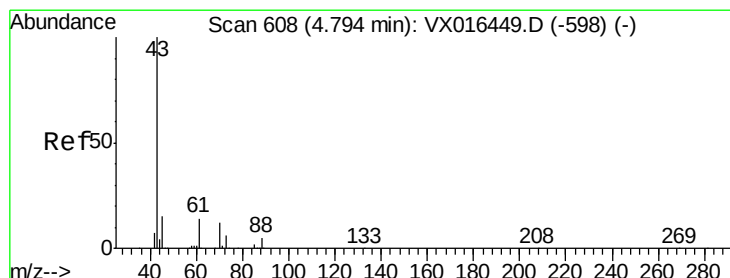
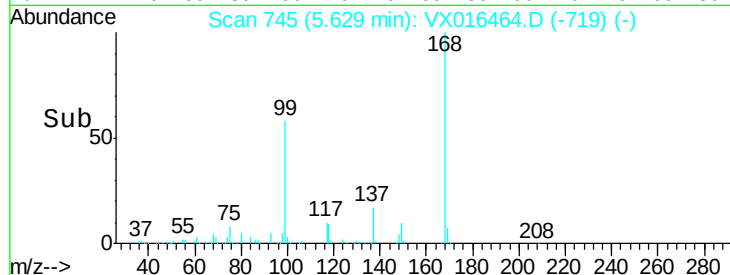
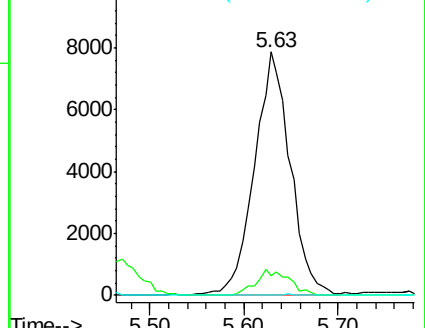
77 0.0 24.2 36.4#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#37

Ethyl Acetate

Concen: 27.163 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.16 min

Lab File: VX016464.D

Acq: 27 May 2020 22:32

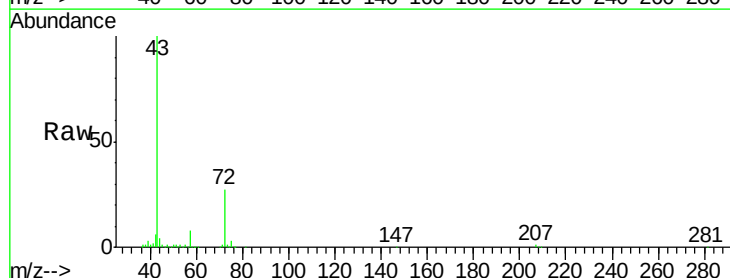
Tgt Ion: 43 Resp: 143605

Ion Ratio Lower Upper

43 100

61 0.1 11.3 16.9#

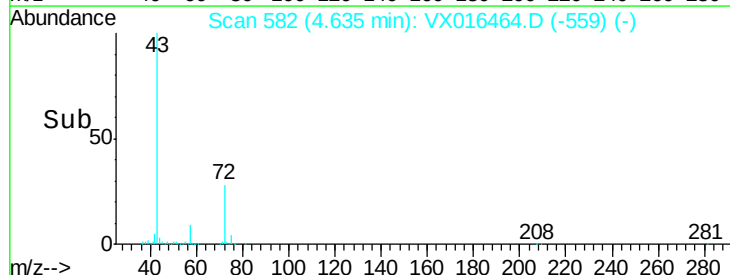
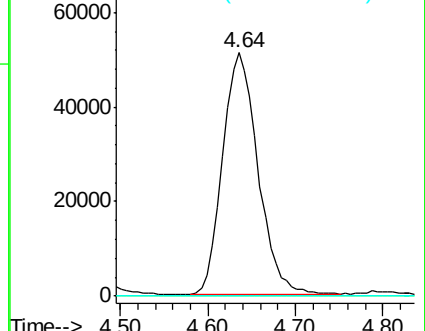
70 0.1 9.3 13.9#

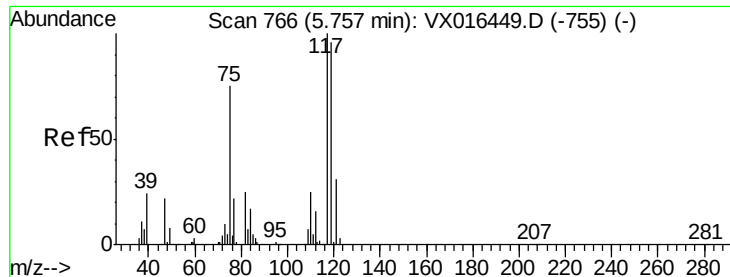


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0





#38

Carbon Tetrachloride

Concen: 5.970 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.13 min

Lab File: VX016464.D

Acq: 27 May 2020 22:32

Instrument :

MSVOA_X

ClientSampleId :

C0AP3

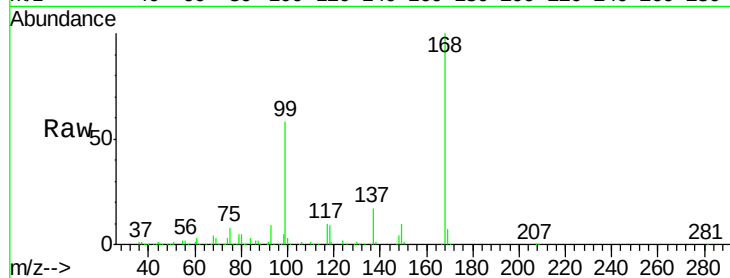
Tot Ion:117 Resp: 27626

Ion Ratio Lower Upper

117 100

119 5.8 76.3 114.5#

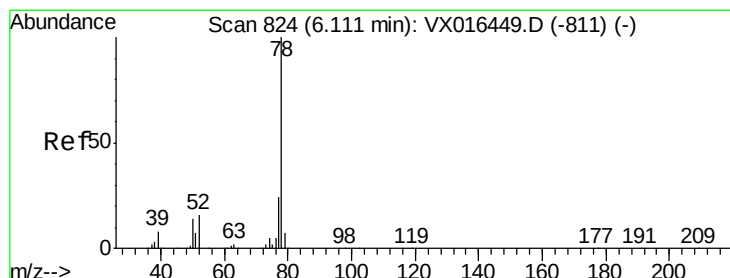
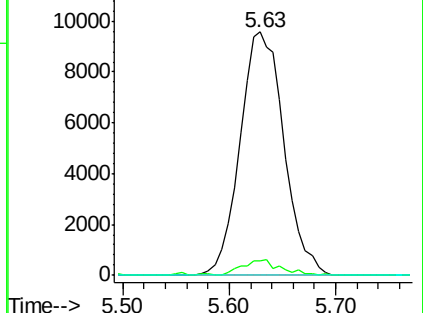
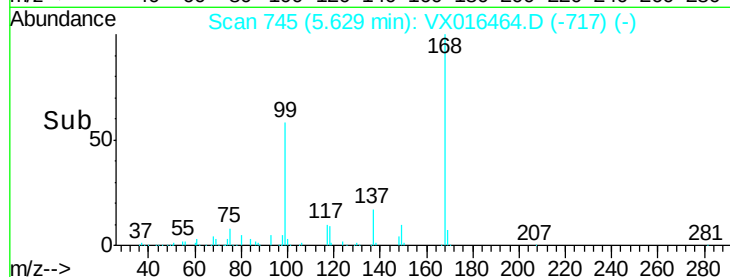
121 0.0 24.6 37.0#



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



#40

Benzene

Concen: 10.959 ug/l

RT: 6.12 min Scan# 825

Delta R.T. 0.01 min

Lab File: VX016464.D

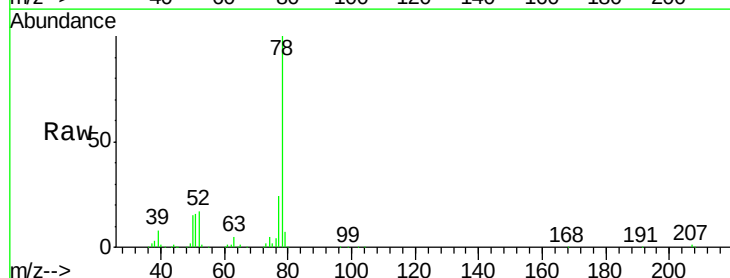
Acq: 27 May 2020 22:32

Tgt Ion: 78 Resp: 143710

Ion Ratio Lower Upper

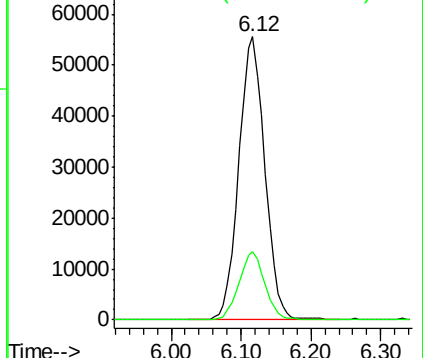
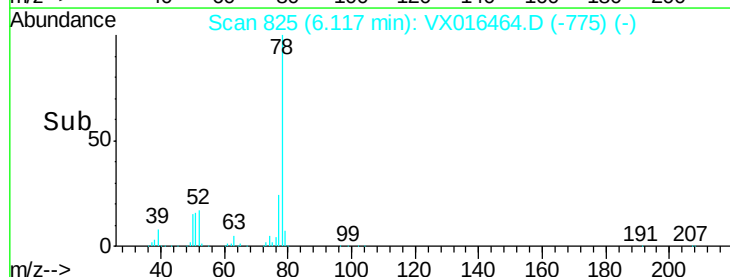
78 100

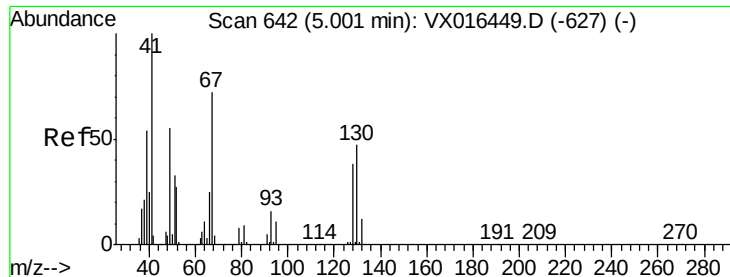
77 24.2 18.9 28.3



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 7.208 ug/l

RT: 5.10 min Scan# 658

Delta R.T. 0.10 min

Lab File: VX016464.D

Acq: 27 May 2020 22:32

Instrument :

MSVOA_X

ClientSampleId :

C0AP3

Tot Ion: 41 Resp: 20933

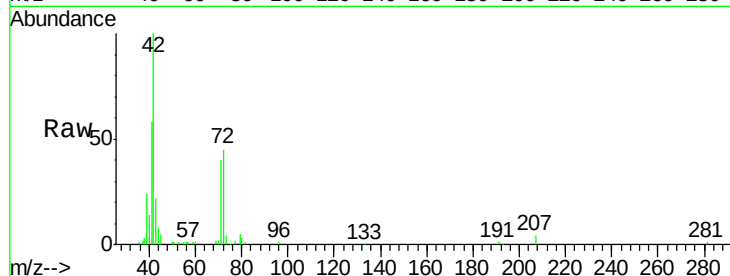
Ion Ratio Lower Upper

41 100

39 44.7 43.0 64.4

67 0.0 58.9 88.3#

52 0.1 23.1 34.7#

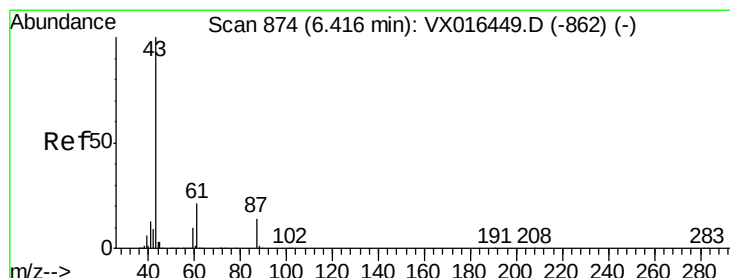
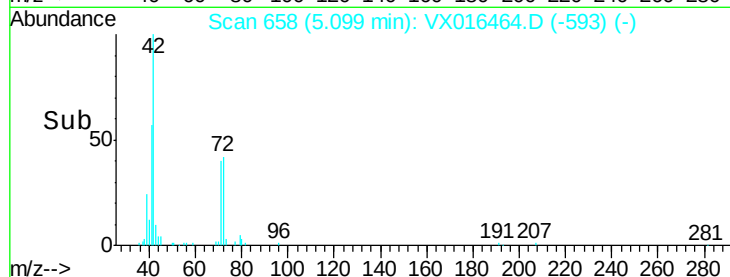
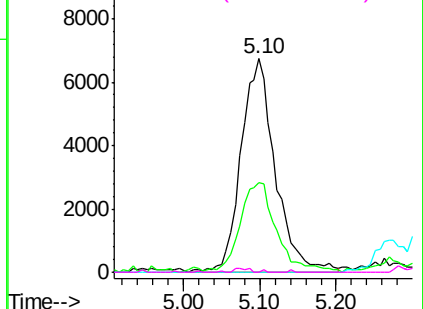


Abundance Ion 41.00 (40.70 to 41.70): VX0

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



#43

Isopropyl Acetate

Concen: 10.924 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX016464.D

Acq: 27 May 2020 22:32

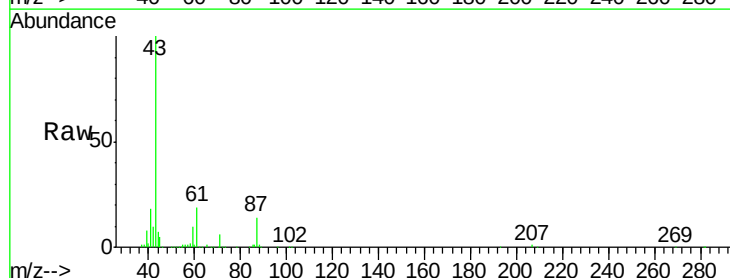
Tgt Ion: 43 Resp: 90082

Ion Ratio Lower Upper

43 100

61 19.7 16.8 25.2

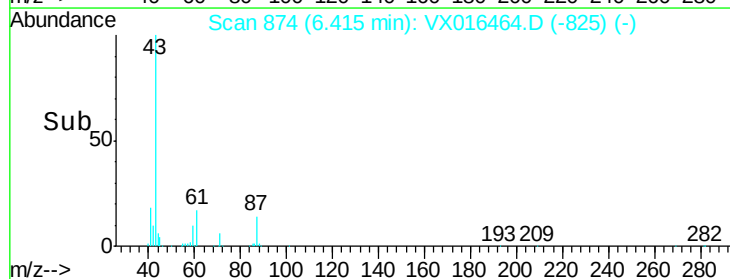
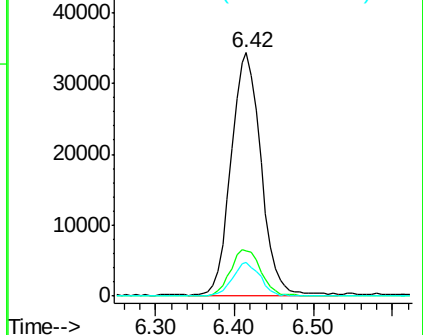
87 13.0 11.2 16.8

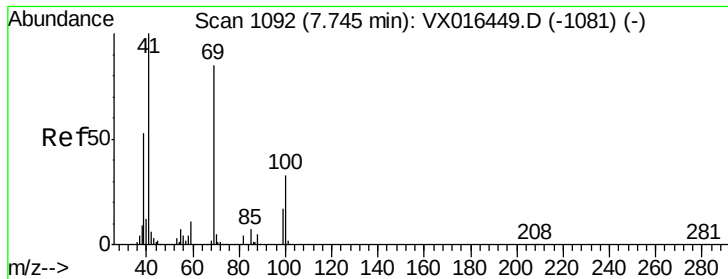


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

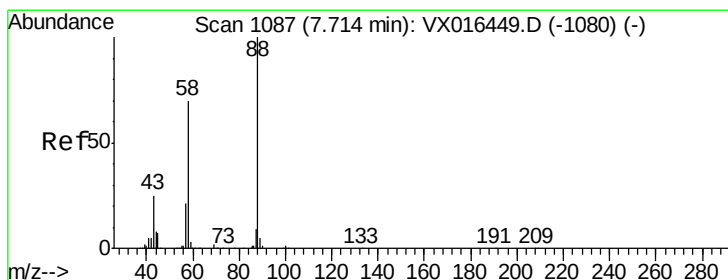
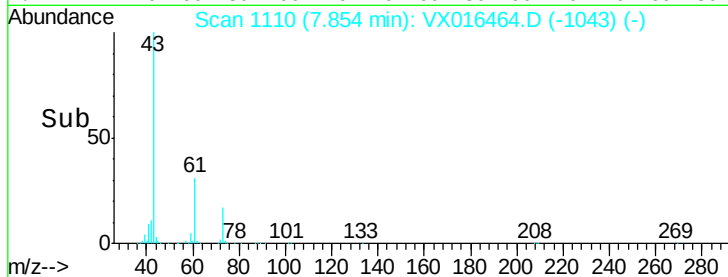
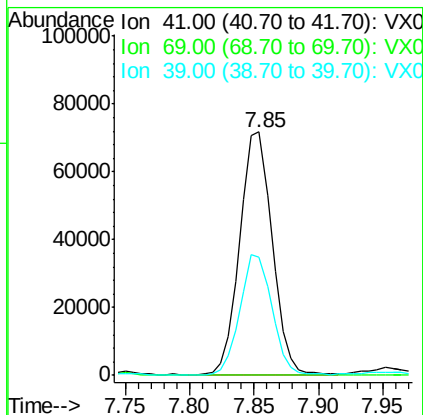
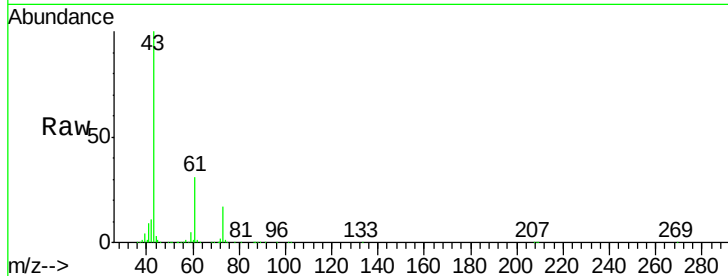




#48
Methvl methacrylate
Concen: 31.676 ug/l
RT: 7.85 min Scan# 1110
Delta R.T. 0.11 min
Lab File: VX016464.D
Acq: 27 May 2020 22:32

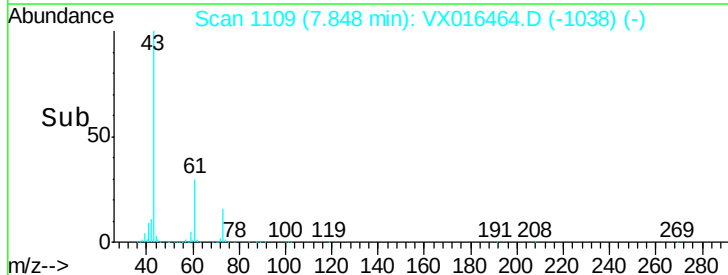
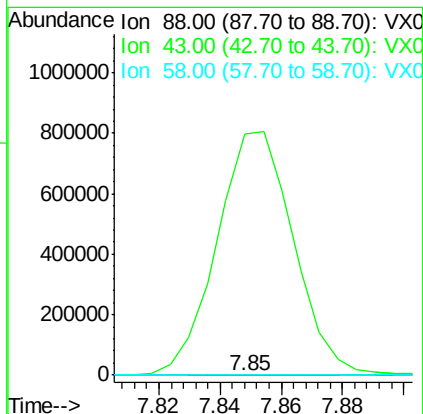
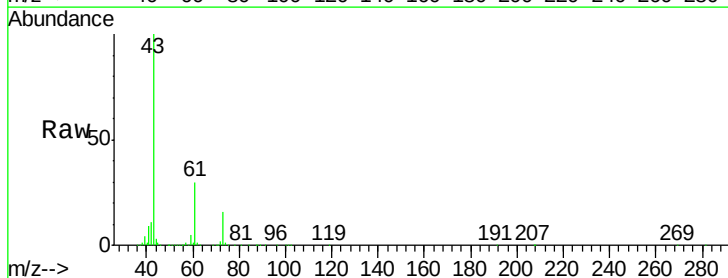
Instrument :
MSVOA_X
ClientSampleId :
C0AP3

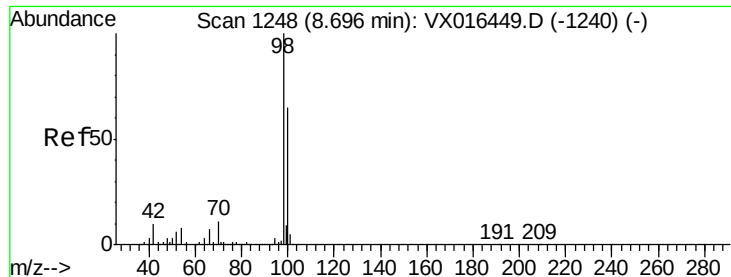
Tot Ion: 41 Resp: 125068
Ion Ratio Lower Upper
41 100
69 0.2 68.6 102.8#
39 48.8 42.4 63.6



#49
1,4-Dioxane
Concen: 3.506 ug/l
RT: 7.85 min Scan# 1109
Delta R.T. 0.13 min
Lab File: VX016464.D
Acq: 27 May 2020 22:32

Tgt Ion: 88 Resp: 324
Ion Ratio Lower Upper
88 100
43 432500.0 24.2 36.4#
58 1833.0 56.5 84.7#

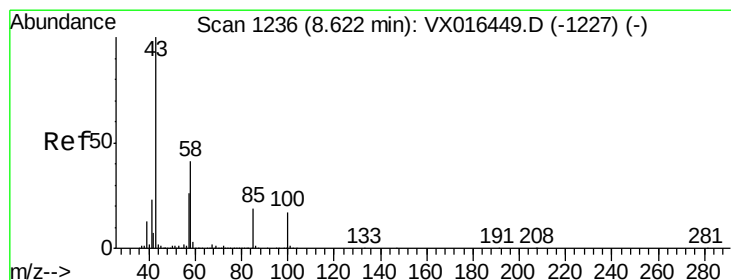
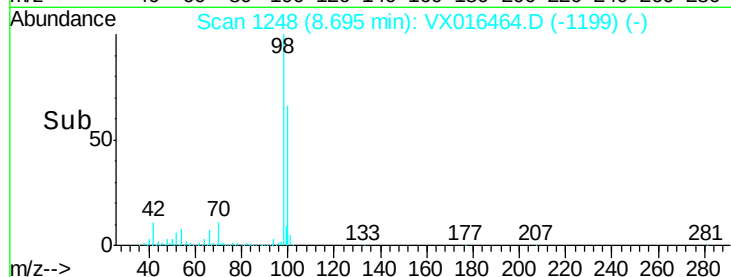
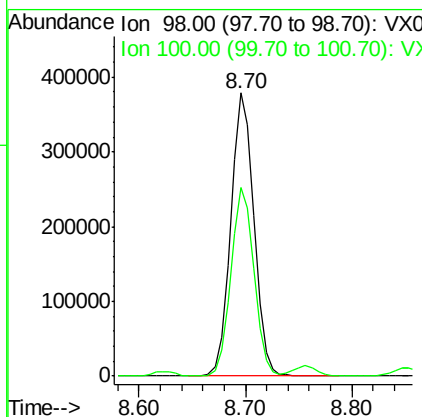
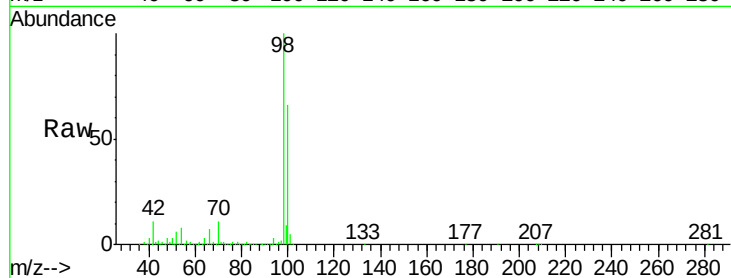




#50
Toluene-d8
Concen: 51.976 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016464.D
Acq: 27 May 2020 22:32

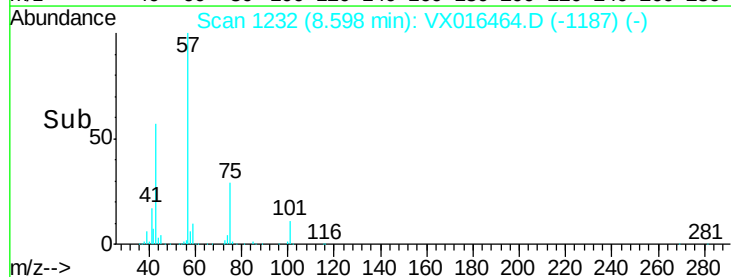
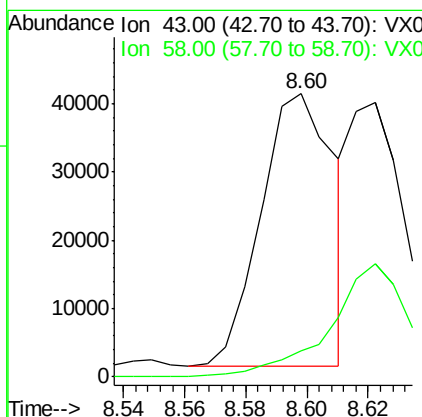
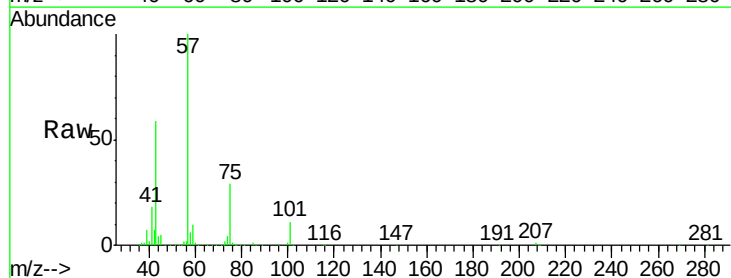
Instrument :
MSVOA_X
ClientSampleId :
C0AP3

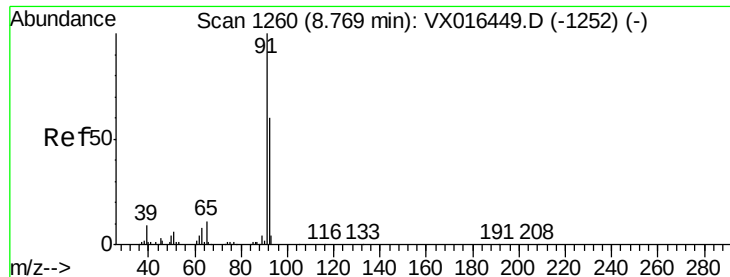
Tot Ion: 98 Resp: 579342
Ion Ratio Lower Upper
98 100
100 66.0 53.8 80.6



#51
4-Methyl-2-Pentanone
Concen: 12.860 ug/l
RT: 8.60 min Scan# 1232
Delta R.T. -0.02 min
Lab File: VX016464.D
Acq: 27 May 2020 22:32

Tgt Ion: 43 Resp: 66035
Ion Ratio Lower Upper
43 100
58 0.0 33.0 49.6#





#52

Toluene

Concen: 92.841 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX016464.D

Acq: 27 May 2020 22:32

Instrument :

MSVOA_X

ClientSampleId :

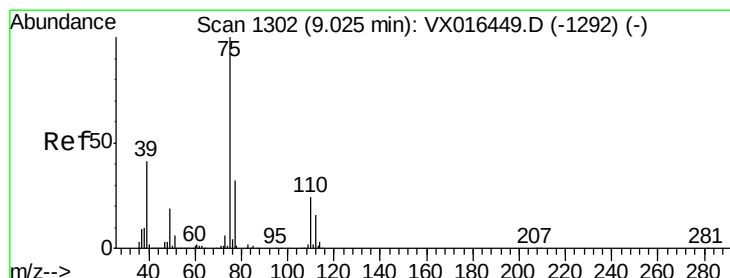
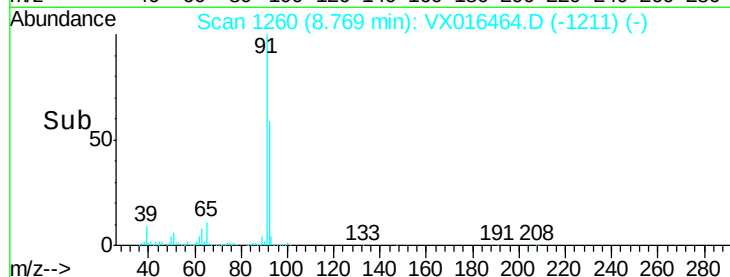
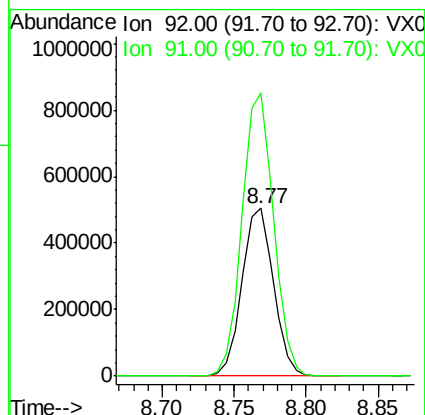
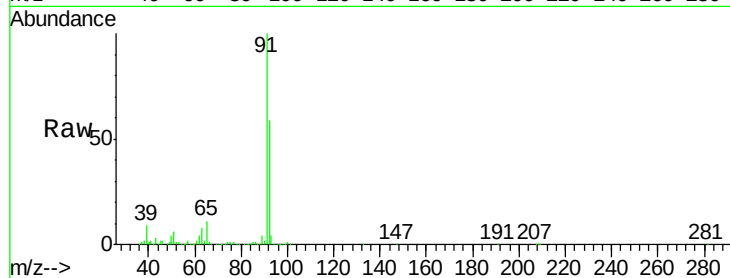
C0AP3

Tot Ion: 92 Resp: 767720

Ion Ratio Lower Upper

92 100

91 168.9 135.0 202.4



#53

t-1,3-Dichloropropene

Concen: 0.281 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX016464.D

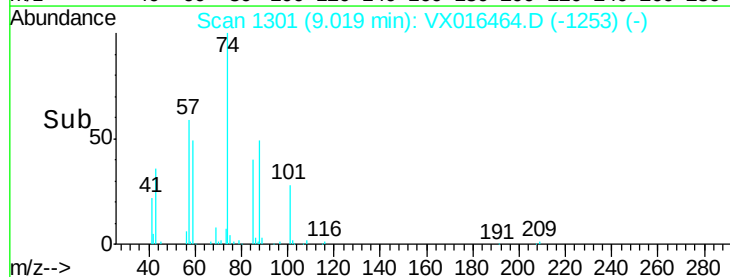
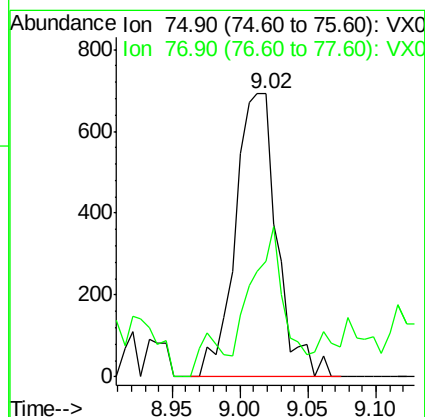
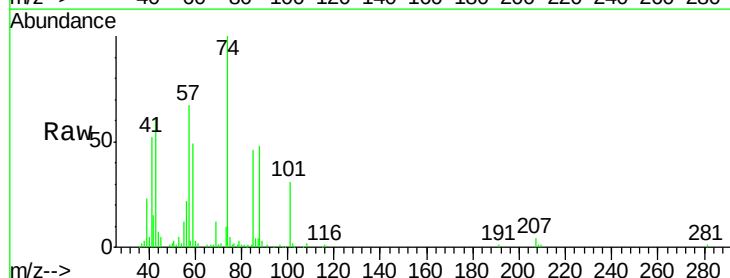
Acq: 27 May 2020 22:32

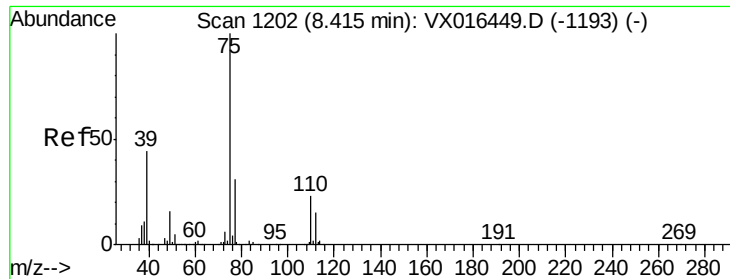
Tgt Ion: 75 Resp: 1481

Ion Ratio Lower Upper

75 100

77 41.0 25.5 38.3#





#54

cis-1,3-Dichloropropene

Concen: 5.588 ug/l

RT: 8.60 min Scan# 1232

Delta R.T. 0.18 min

Lab File: VX016464.D

Acq: 27 May 2020 22:32

Instrument :

MSVOA_X

ClientSampled :

C0AP3

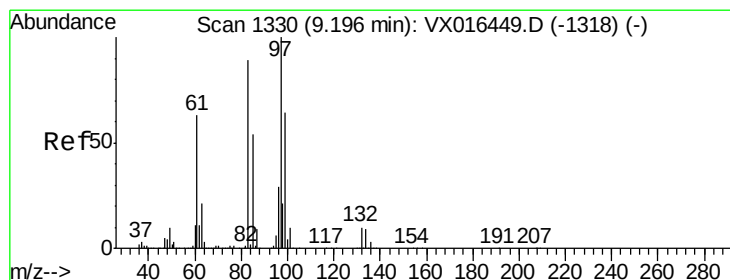
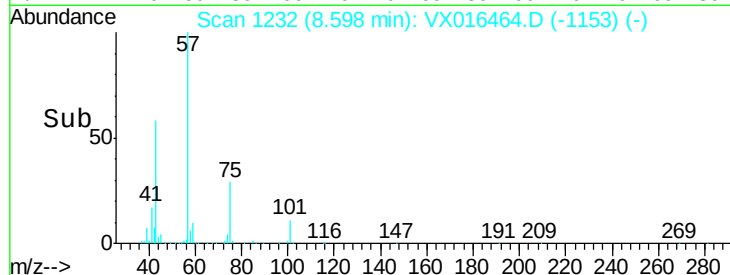
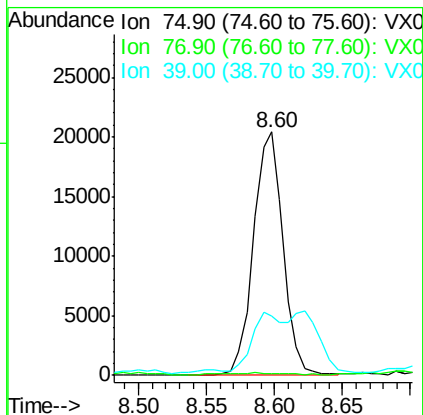
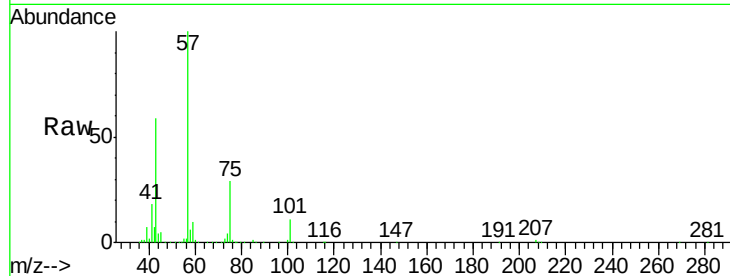
Tot Ion: 75 Resp: 31225

Ion Ratio Lower Upper

75 100

77 0.1 24.6 36.8#

39 23.2 35.3 52.9#



#55

1,1,2-Trichloroethane

Concen: 0.380 ug/l

RT: 9.21 min Scan# 1332

Delta R.T. 0.01 min

Lab File: VX016464.D

Acq: 27 May 2020 22:32

Tgt Ion: 97 Resp: 1251

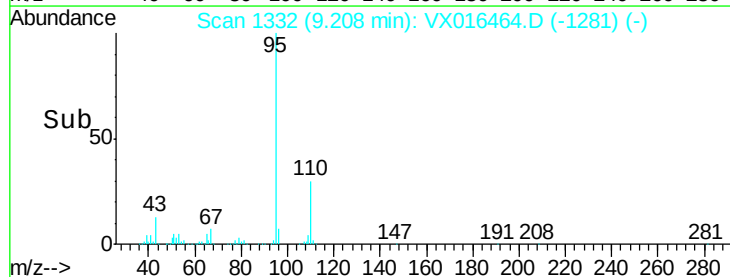
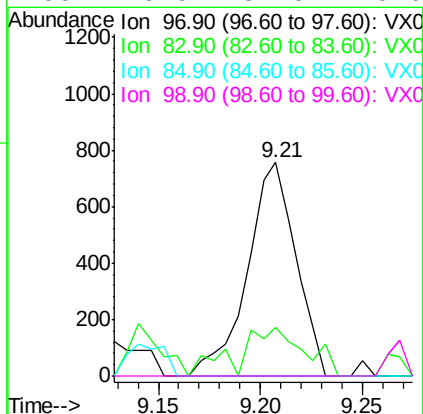
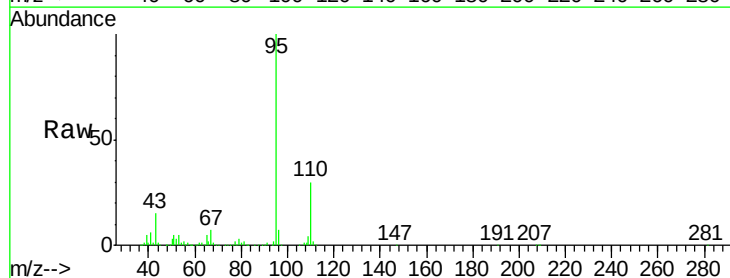
Ion Ratio Lower Upper

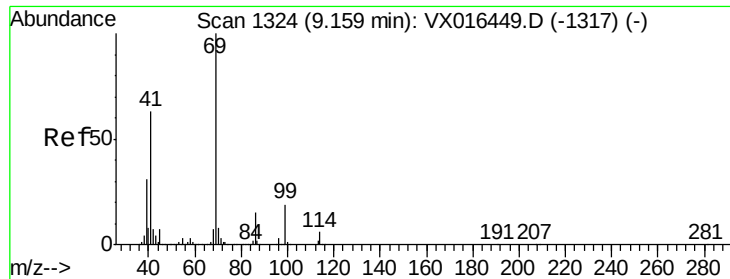
97 100

83 22.6 70.9 106.3#

85 0.0 43.4 65.2#

99 0.0 51.0 76.6#





#56

Ethyl methacrylate

Concen: 0.332 ug/l

RT: 9.05 min Scan# 1306

Delta R.T. -0.11 min

Lab File: VX016464.D

Acq: 27 May 2020 22:32

Instrument :

MSVOA_X

ClientSampled :

C0AP3

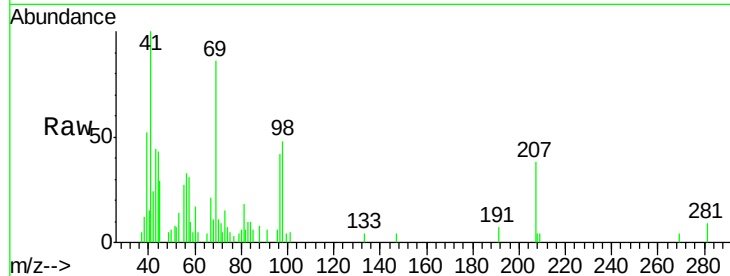
Tot Ion: 69 Resp: 1778

Ion Ratio Lower Upper

69 100

41 0.0 50.7 76.1#

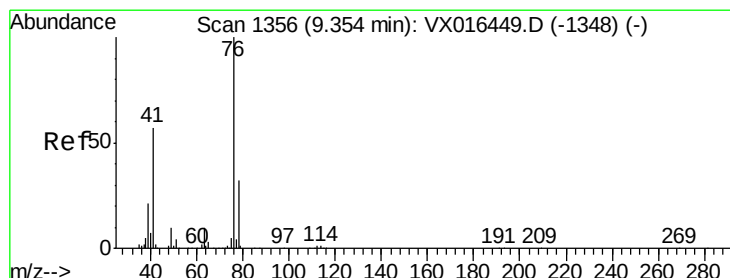
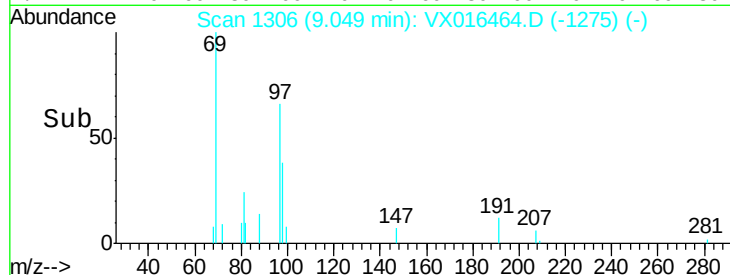
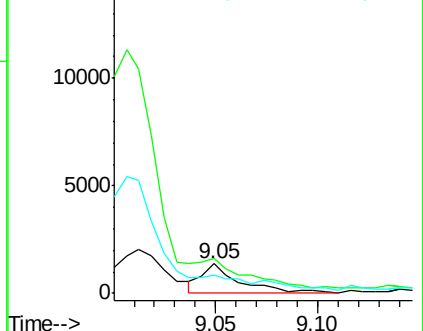
39 0.0 25.8 38.6#



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#57

1,3-Dichloropropane

Concen: 1.013 ug/l

RT: 9.52 min Scan# 1384

Delta R.T. 0.17 min

Lab File: VX016464.D

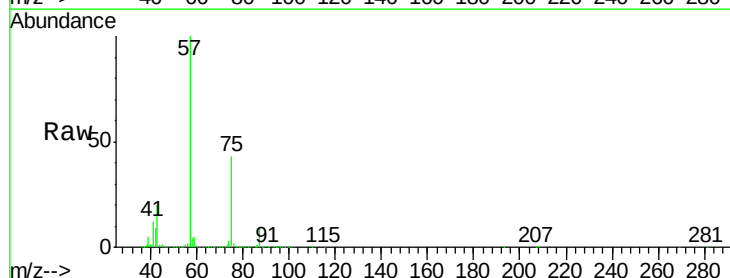
Acq: 27 May 2020 22:32

Tgt Ion: 76 Resp: 5719

Ion Ratio Lower Upper

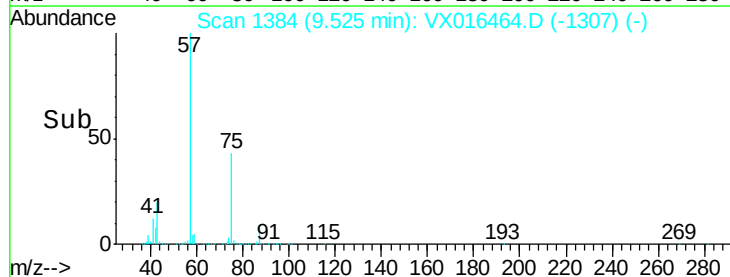
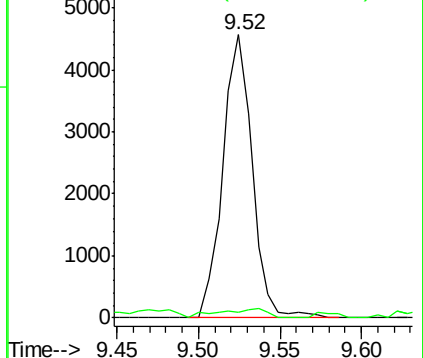
76 100

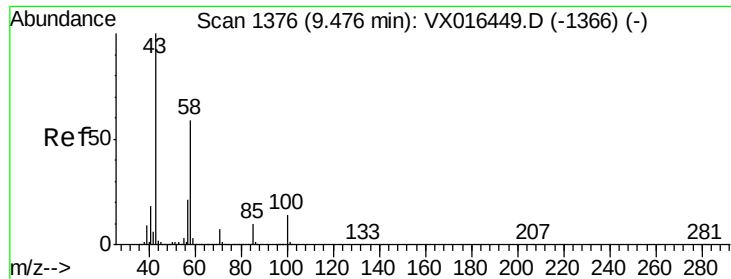
78 5.2 26.2 39.4#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

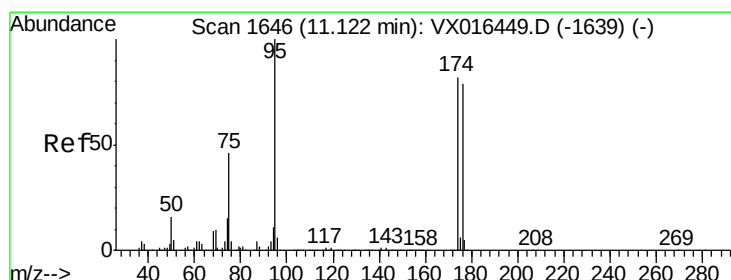
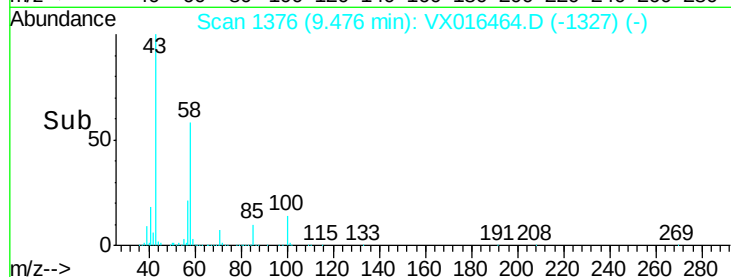
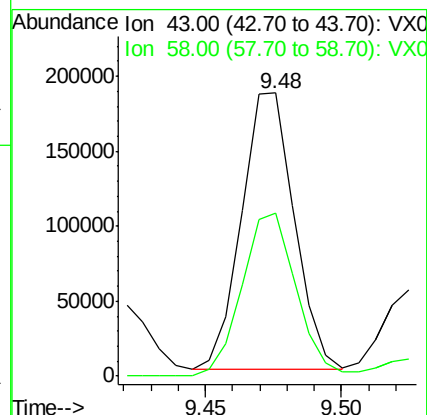
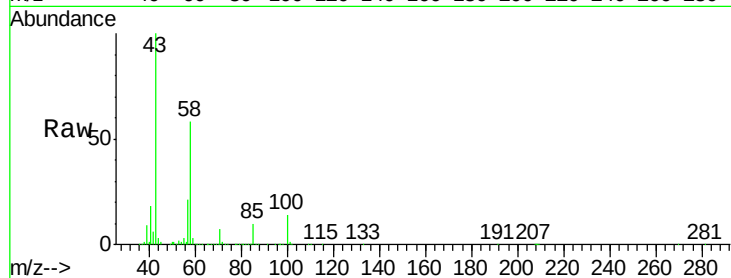




#59
2-Hexanone
Concen: 61.898 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX016464.D
Acq: 27 May 2020 22:32

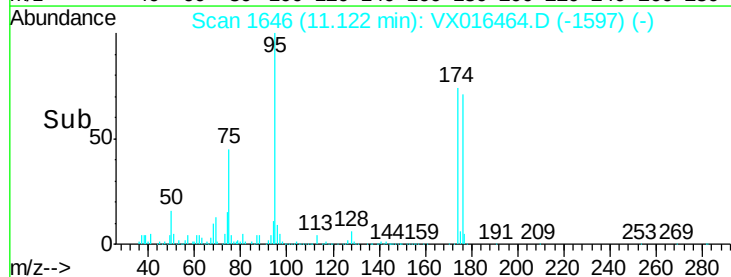
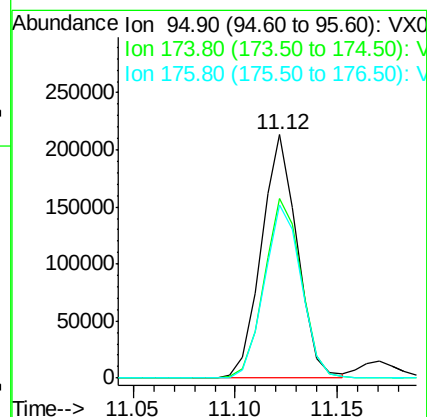
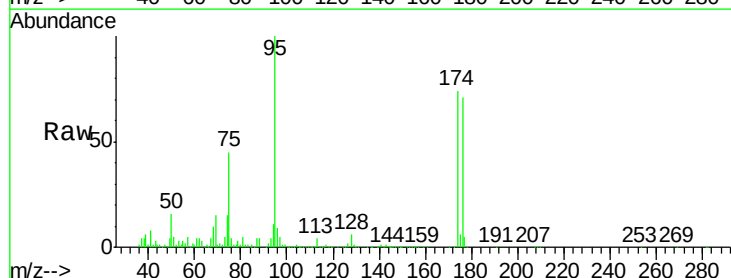
Instrument :
MSVOA_X
ClientSampleId :
C0AP3

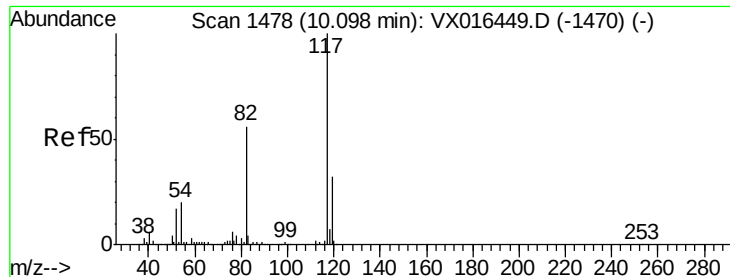
Tot Ion: 43 Resp: 247162
Ion Ratio Lower Upper
43 100
58 61.0 28.8 86.4



#62
4-Bromofluorobenzene
Concen: 60.325 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016464.D
Acq: 27 May 2020 22:32

Tgt Ion: 95 Resp: 259815
Ion Ratio Lower Upper
95 100
174 76.5 0.0 163.0
176 74.0 0.0 156.8

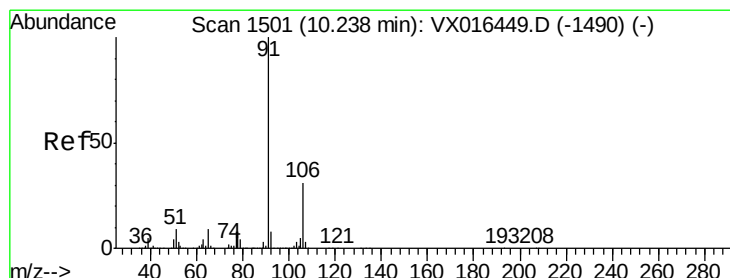
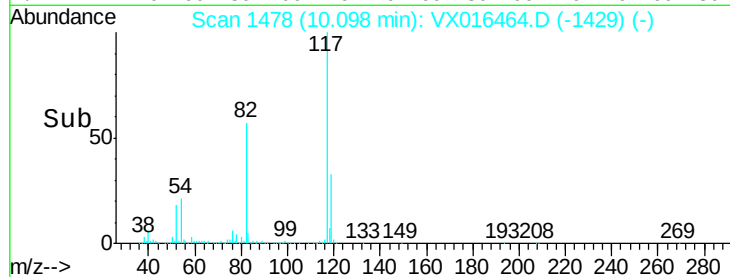
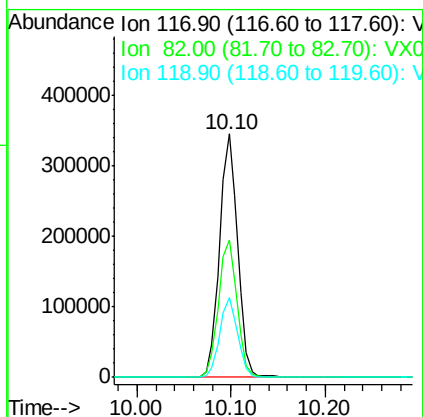
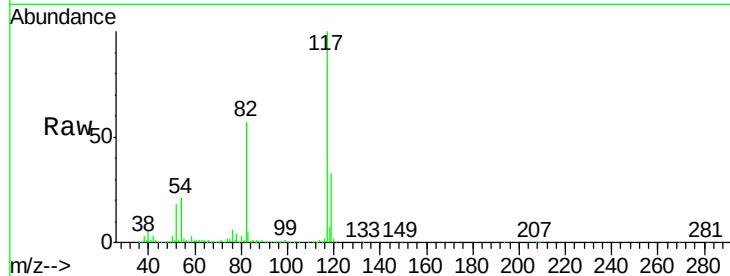




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016464.D
Acq: 27 May 2020 22:32

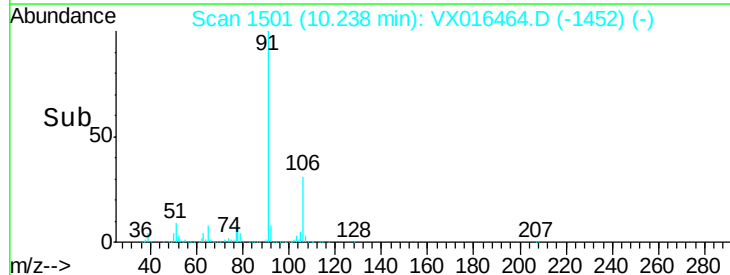
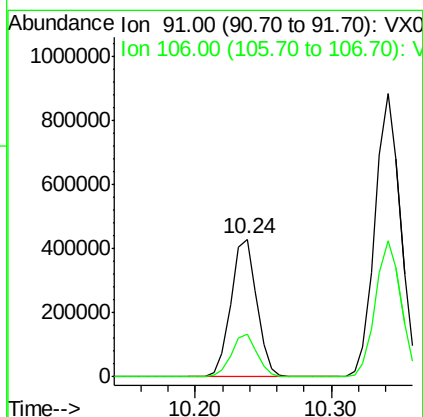
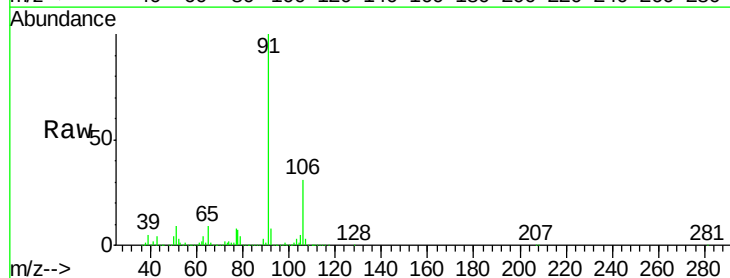
Instrument :
MSVOA_X
ClientSampleId :
C0AP3

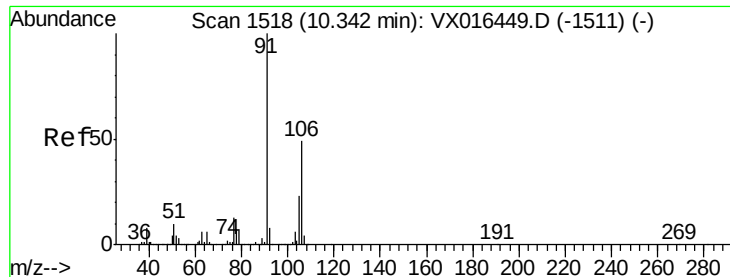
Tot Ion:117 Resp: 460413
Ion Ratio Lower Upper
117 100
82 56.5 45.0 67.6
119 32.8 25.8 38.8



#67
Ethyl Benzene
Concen: 34.222 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX016464.D
Acq: 27 May 2020 22:32

Tgt Ion: 91 Resp: 571915
Ion Ratio Lower Upper
91 100
106 31.2 25.0 37.4





#68

m/p-Xylenes

Concen: 90.138 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016464.D

Acq: 27 May 2020 22:32

Instrument :

MSVOA_X

ClientSampleId :

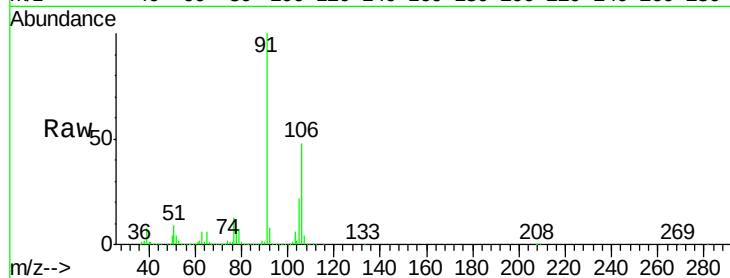
C0AP3

Tot Ion:106 Resp: 558524

Ion Ratio Lower Upper

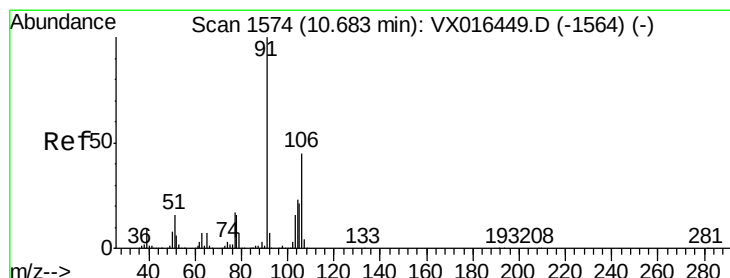
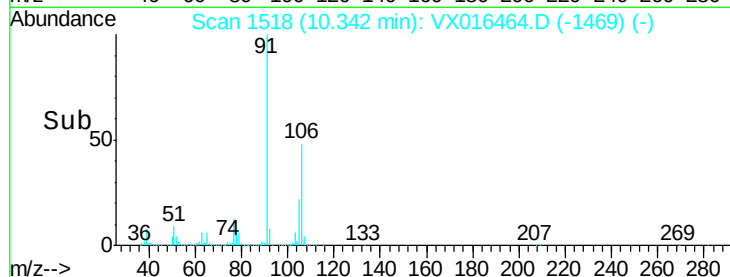
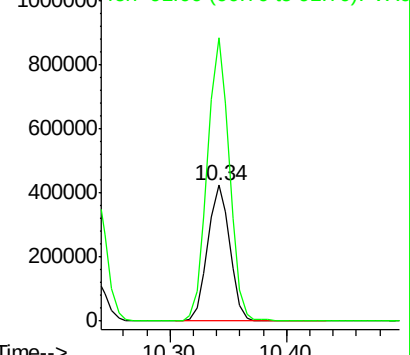
106 100

91 206.6 163.8 245.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 66.604 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VX016464.D

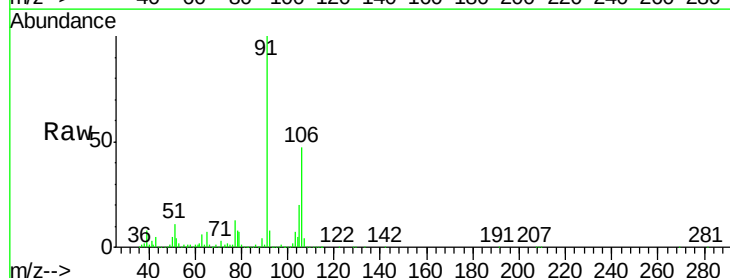
Acq: 27 May 2020 22:32

Tgt Ion:106 Resp: 399684

Ion Ratio Lower Upper

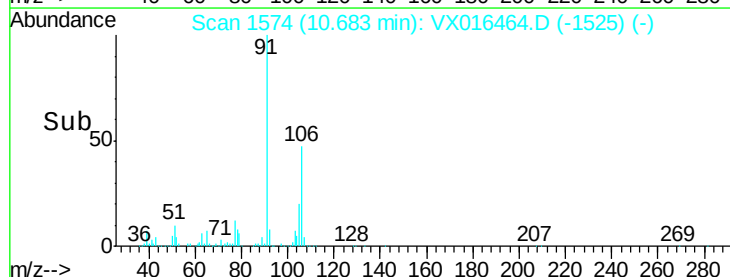
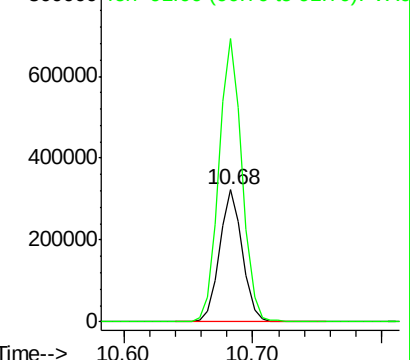
106 100

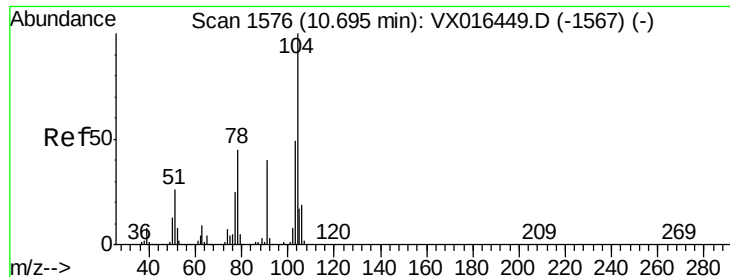
91 217.4 109.6 328.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#70

Stvrene

Concen: 9.410 ug/l

RT: 10.70 min Scan# 1576

Delta R.T. -0.00 min

Lab File: VX016464.D

Acq: 27 May 2020 22:32

Instrument :

MSVOA_X

ClientSampleId :

C0AP3

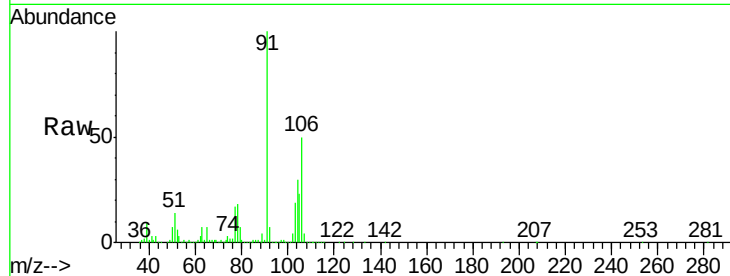
Tot Ion:104 Resp: 97061

Ion Ratio Lower Upper

104 100

78 96.0 40.2 60.2#

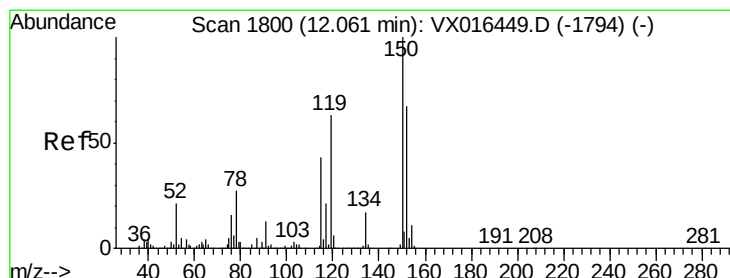
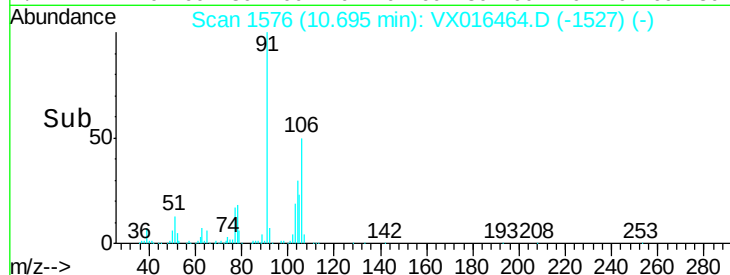
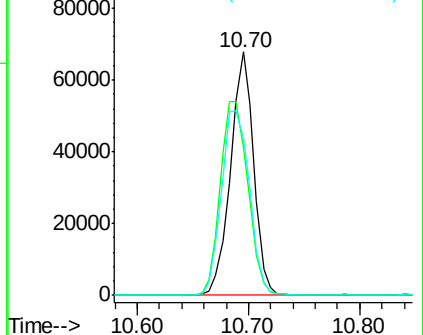
103 92.7 43.1 64.7#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016464.D

Acq: 27 May 2020 22:32

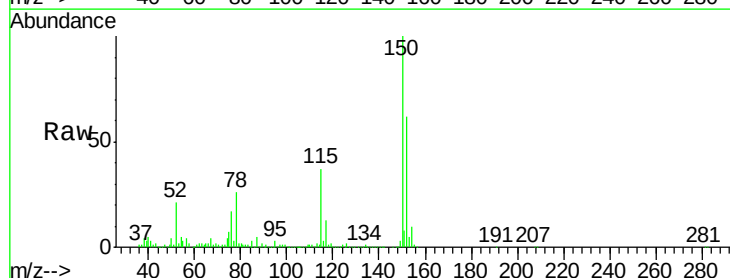
Tgt Ion:152 Resp: 252178

Ion Ratio Lower Upper

152 100

115 59.6 39.9 119.6

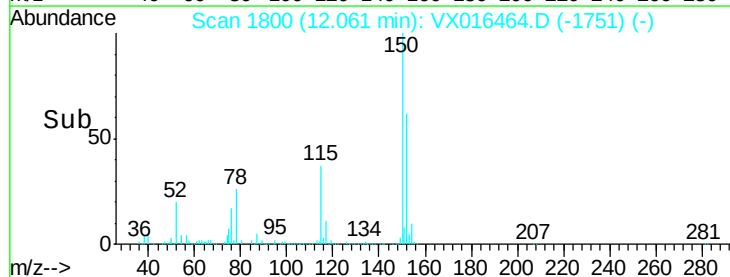
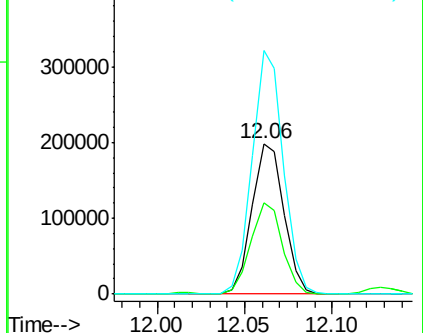
150 157.6 0.0 341.0

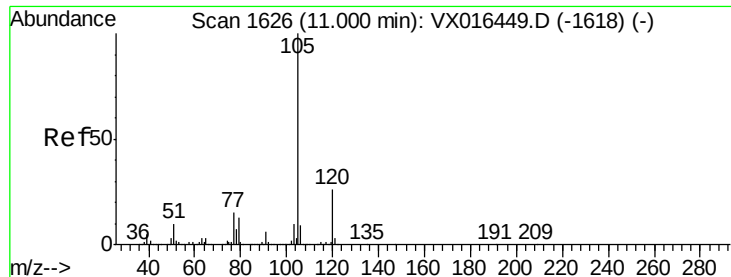


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 2.096 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016464.D

Acq: 27 May 2020 22:32

Instrument :

MSVOA_X

ClientSampleId :

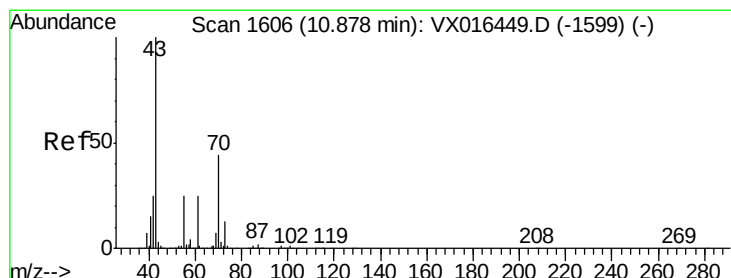
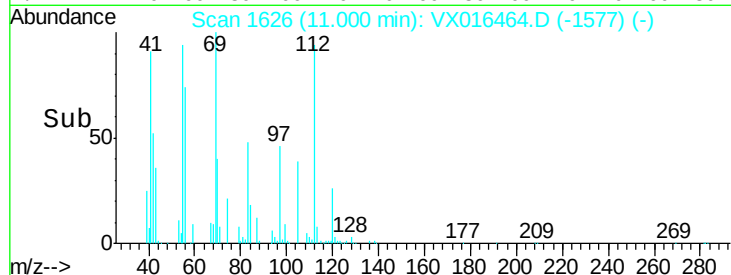
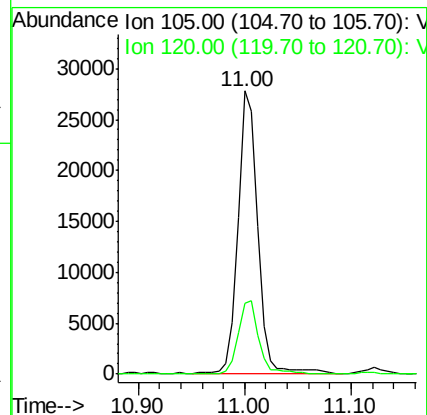
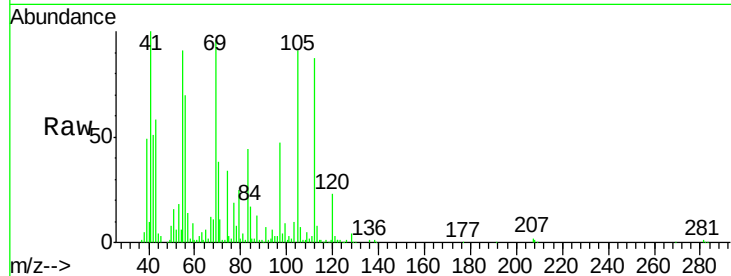
C0AP3

Tot Ion:105 Resp: 36631

Ion Ratio Lower Upper

105 100

120 27.0 13.1 39.3



#74

N-ethyl acetate

Concen: 2.890 ug/l

RT: 10.85 min Scan# 1602

Delta R.T. -0.02 min

Lab File: VX016464.D

Acq: 27 May 2020 22:32

Tgt Ion: 43 Resp: 23230

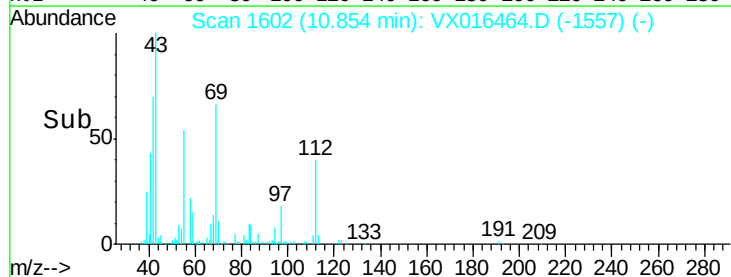
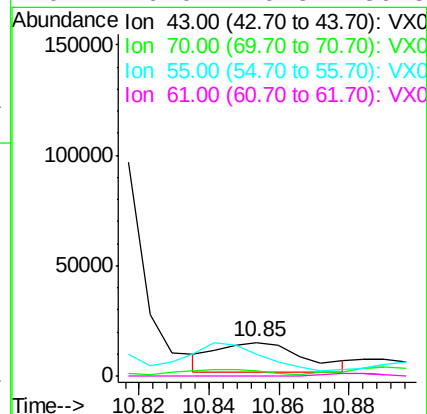
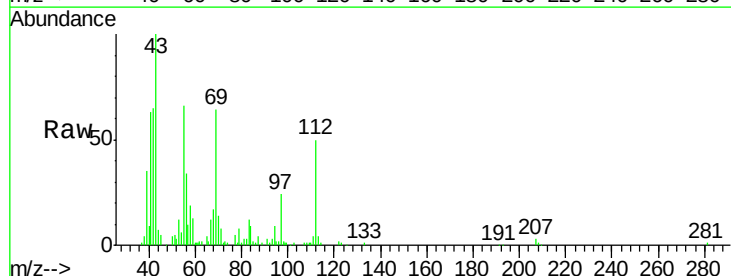
Ion Ratio Lower Upper

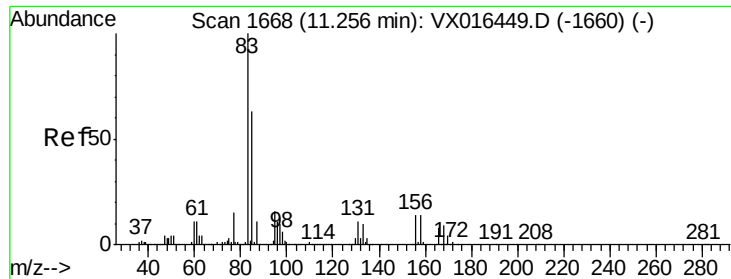
43 100

70 18.8 36.1 54.1#

55 78.9 20.2 30.4#

61 0.0 20.3 30.5#





#75

1,1,2,2-Tetrachloroethane

Concen: 11.523 ug/l

RT: 11.27 min Scan# 1670

Delta R.T. 0.01 min

Lab File: VX016464.D

Acq: 27 May 2020 22:32

Instrument :

MSVOA_X

ClientSampleId :

C0AP3

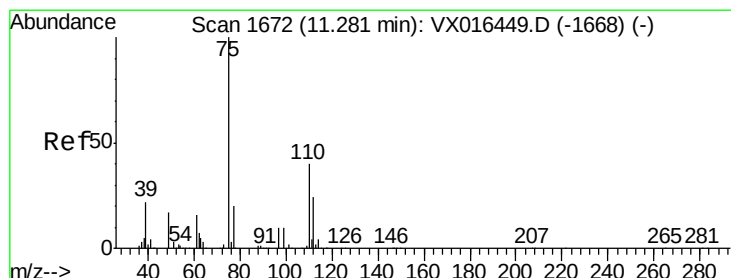
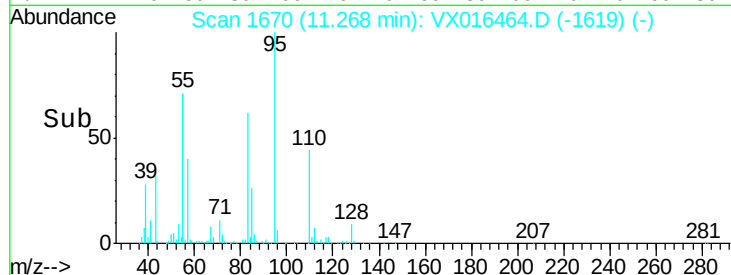
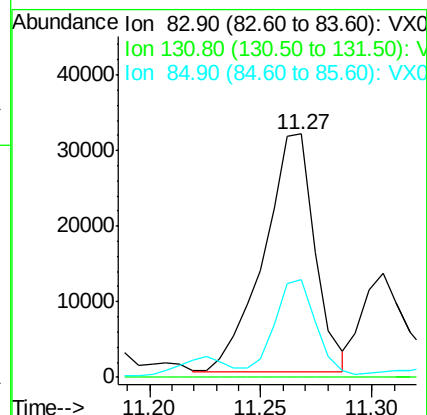
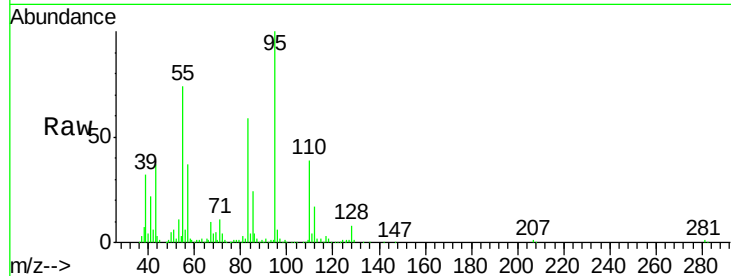
Tot Ion: 83 Resp: 50461

Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.3#

85 30.7 32.0 96.2#



#76

1,2,3-Trichloropropane

Concen: 0.780 ug/l

RT: 11.41 min Scan# 1694

Delta R.T. 0.13 min

Lab File: VX016464.D

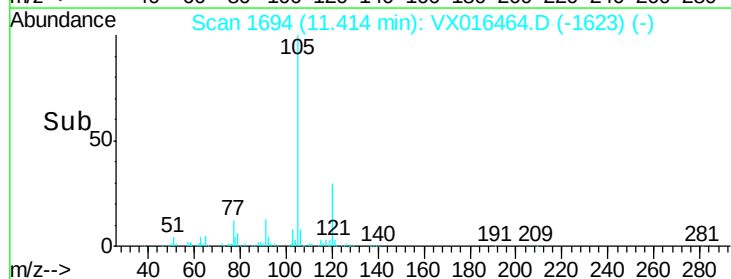
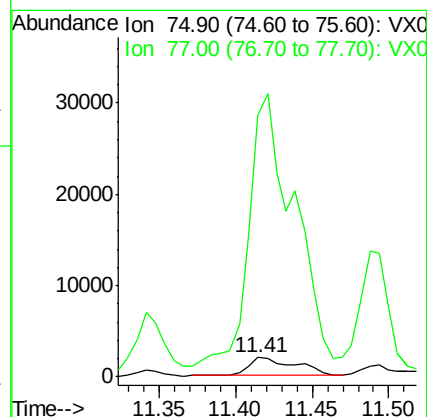
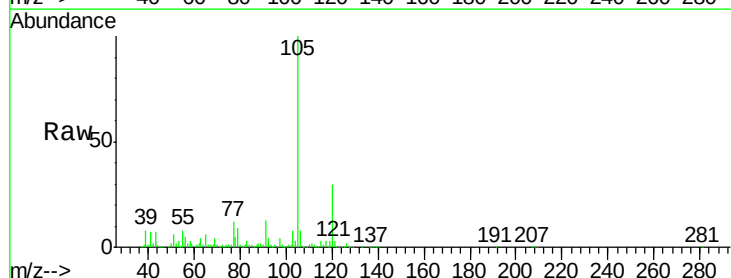
Acq: 27 May 2020 22:32

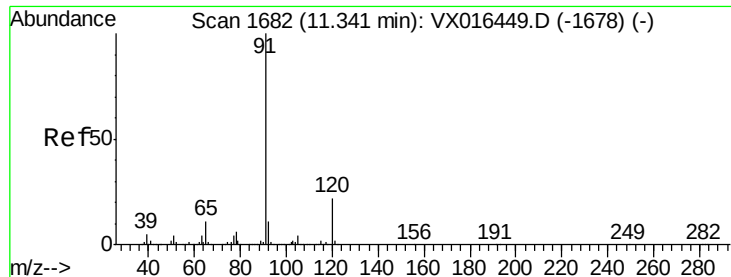
Tgt Ion: 75 Resp: 4325

Ion Ratio Lower Upper

75 100

77 1510.2 21.3 63.7#





#78

n-propylbenzene

Concen: 5.848 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX016464.D

Acq: 27 May 2020 22:32

Instrument :

MSVOA_X

ClientSampled :

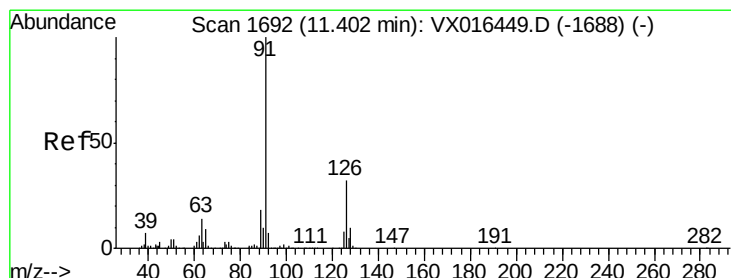
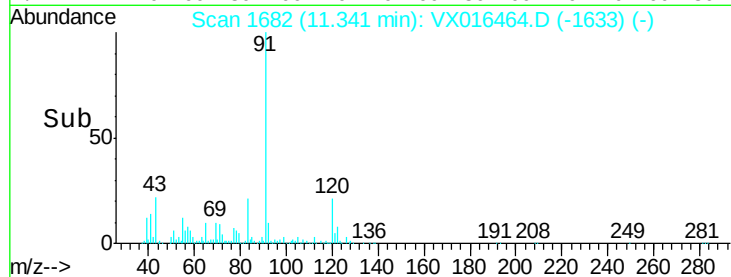
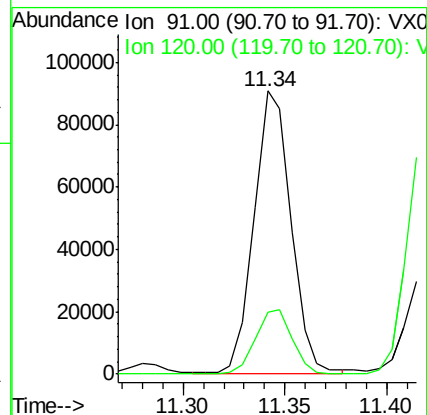
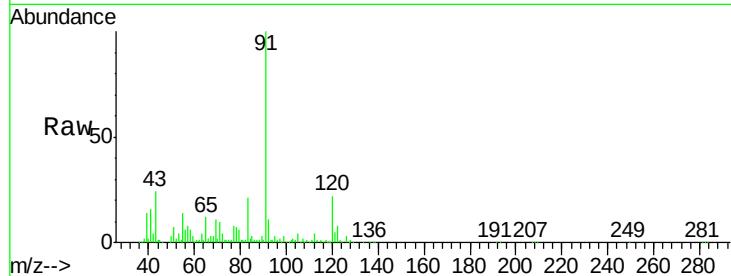
C0AP3

Tot Ion: 91 Resp: 114154

Ion Ratio Lower Upper

91 100

120 22.9 11.6 34.7



#79

2-Chlorotoluene

Concen: 4.855 ug/l

RT: 11.42 min Scan# 1695

Delta R.T. 0.02 min

Lab File: VX016464.D

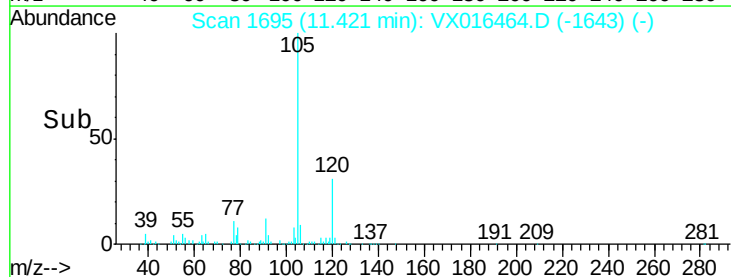
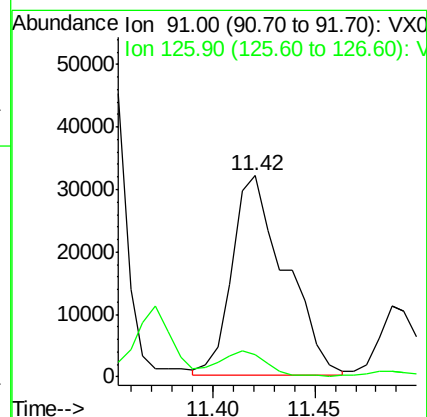
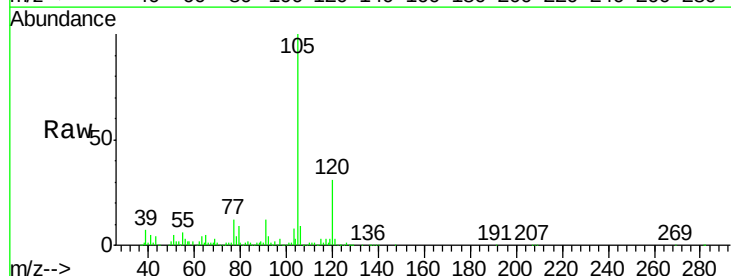
Acq: 27 May 2020 22:32

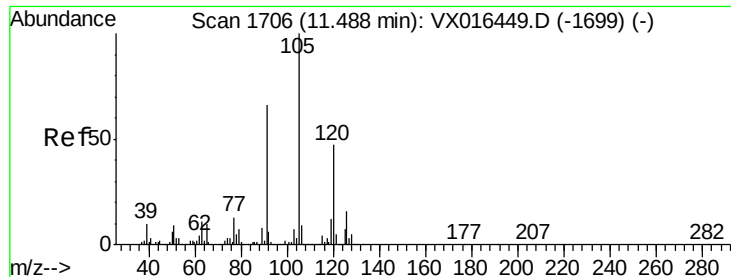
Tgt Ion: 91 Resp: 57851

Ion Ratio Lower Upper

91 100

126 10.1 16.8 50.3#





#80

1,3,5-Trimethylbenzene

Concen: 9.022 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX016464.D

Acq: 27 May 2020 22:32

Instrument :

MSVOA_X

ClientSampleId :

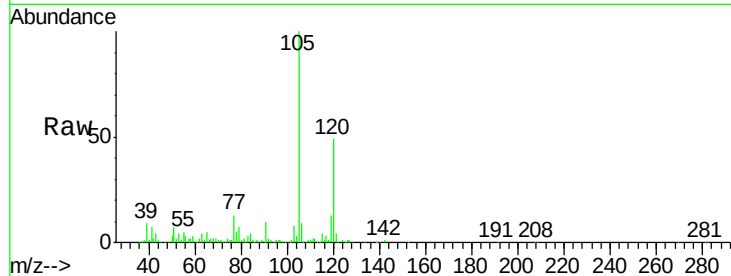
C0AP3

Tot Ion:105 Resp: 131632

Ion Ratio Lower Upper

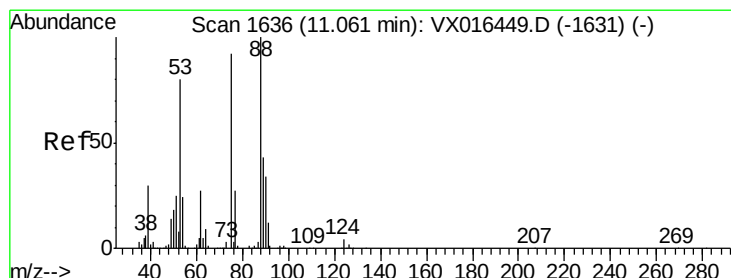
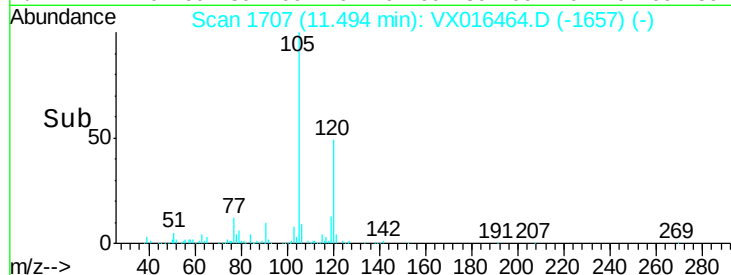
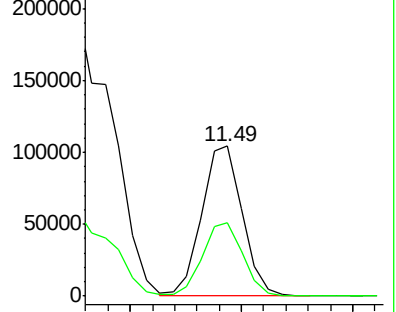
105 100

120 49.2 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: 52.804 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX016464.D

Acq: 27 May 2020 22:32

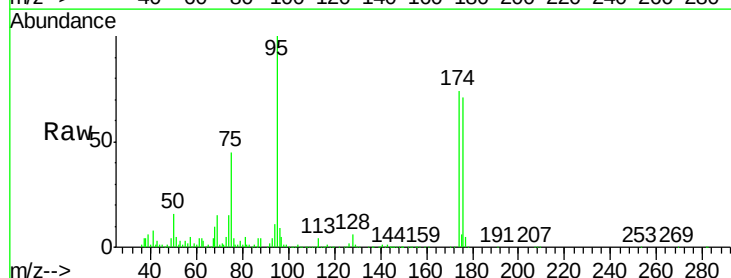
Tgt Ion: 75 Resp: 118988

Ion Ratio Lower Upper

75 100

53 5.5 71.3 106.9#

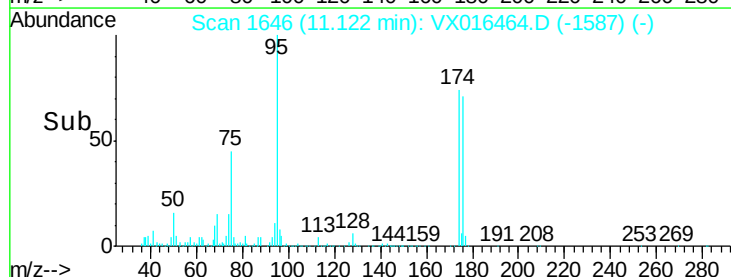
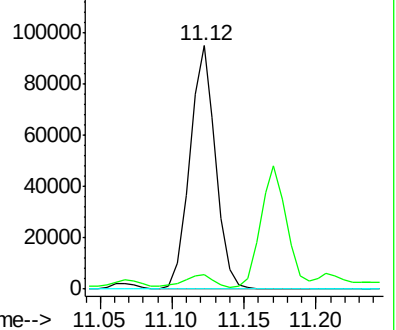
89 0.0 36.6 55.0#

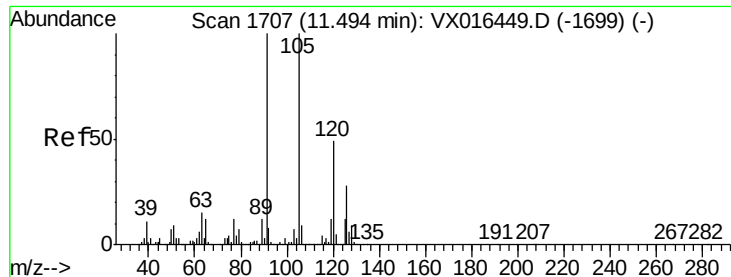


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





#82

4-Chlorotoluene

Concen: 1.048 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX016464.D

Acq: 27 May 2020 22:32

Instrument :

MSVOA_X

ClientSampleId :

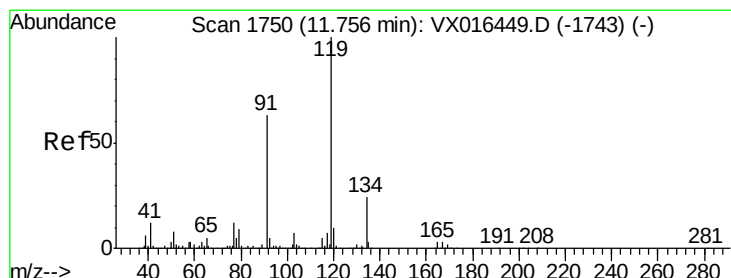
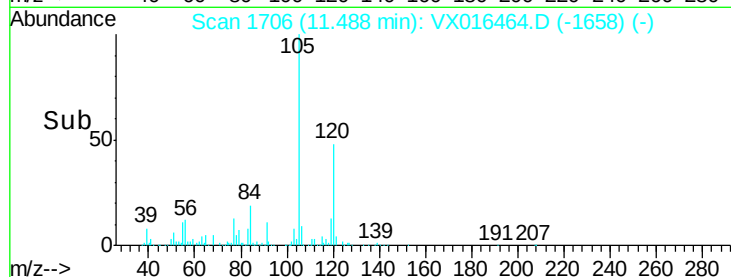
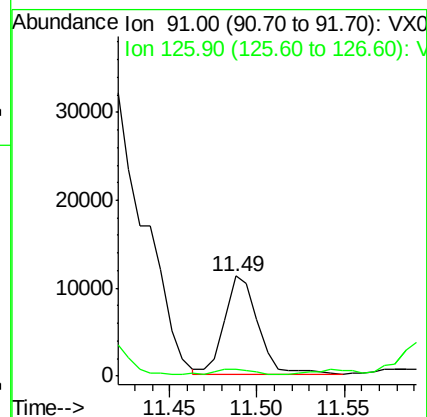
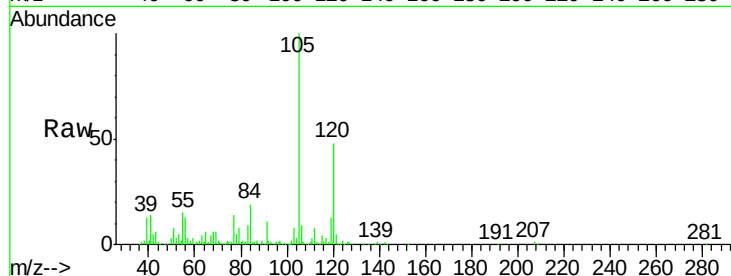
C0AP3

Tot Ion: 91 Resp: 14753

Ion Ratio Lower Upper

91 100

126 7.0 14.7 44.1#



#83

tert-Butylbenzene

Concen: 5.248 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.04 min

Lab File: VX016464.D

Acq: 27 May 2020 22:32

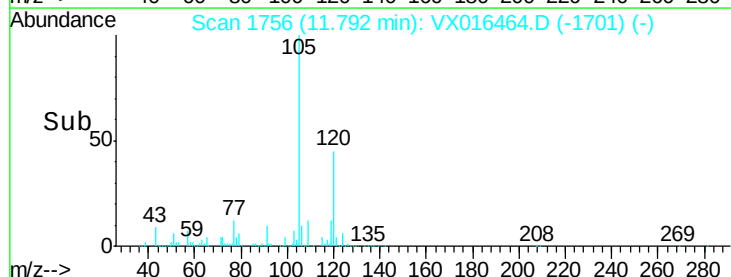
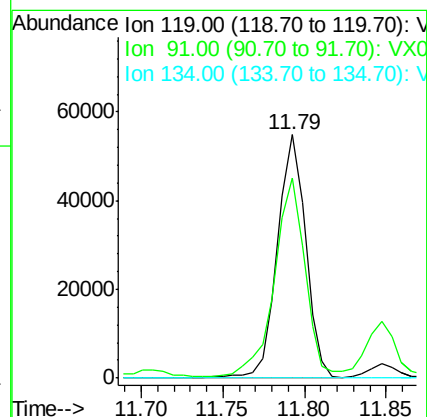
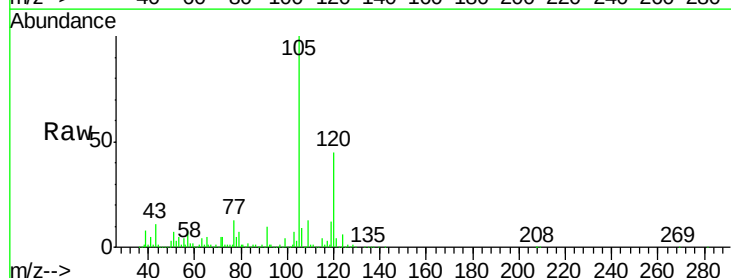
Tgt Ion: 119 Resp: 65423

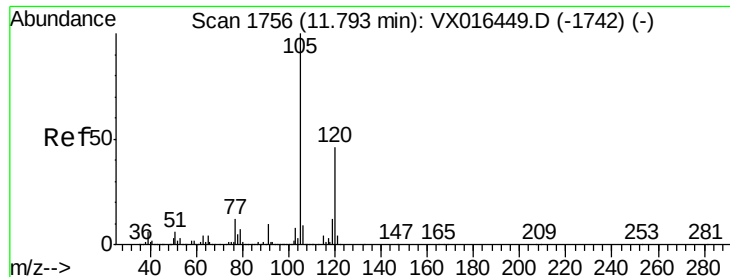
Ion Ratio Lower Upper

119 100

91 87.5 31.3 93.8

134 0.0 12.0 36.0#





#84

1,2,4-Trimethylbenzene

Concen: 35.439 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX016464.D

Acq: 27 May 2020 22:32

Instrument :

MSVOA_X

ClientSampled :

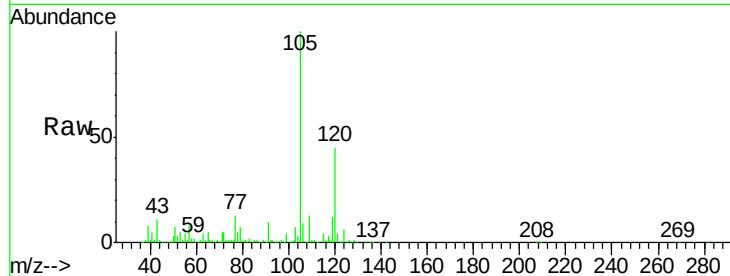
C0AP3

Tot Ion:105 Resp: 522890

Ion Ratio Lower Upper

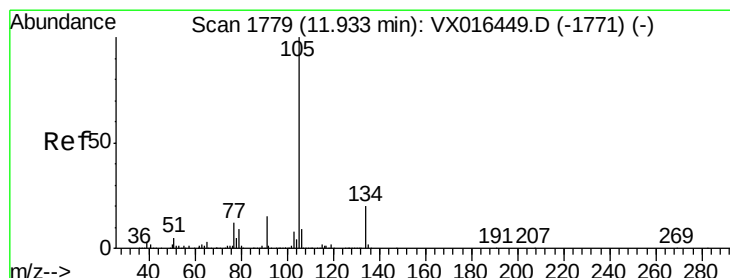
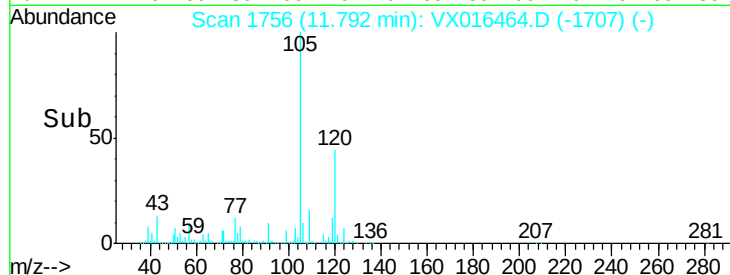
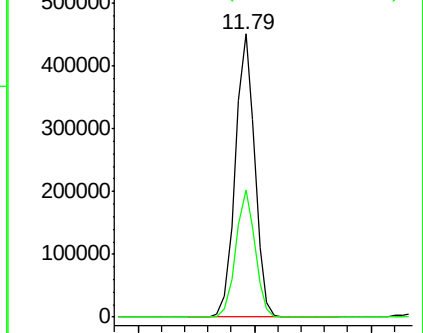
105 100

120 44.7 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: 33.436 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.14 min

Lab File: VX016464.D

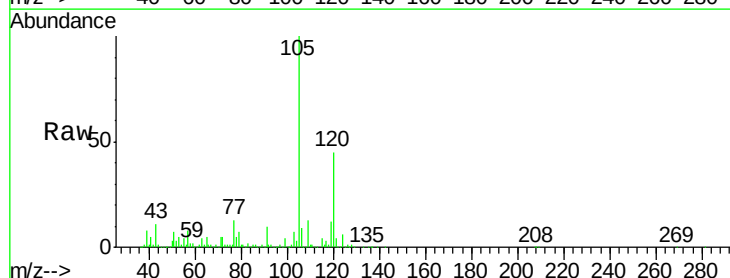
Acq: 27 May 2020 22:32

Tgt Ion:105 Resp: 522890

Ion Ratio Lower Upper

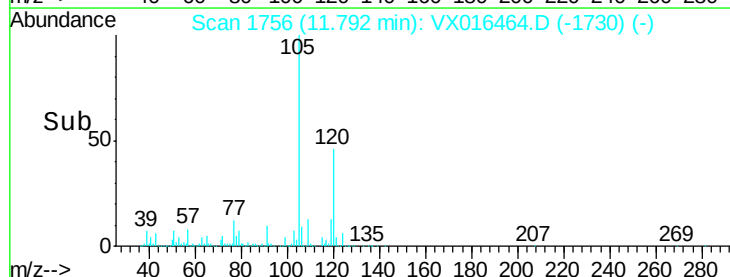
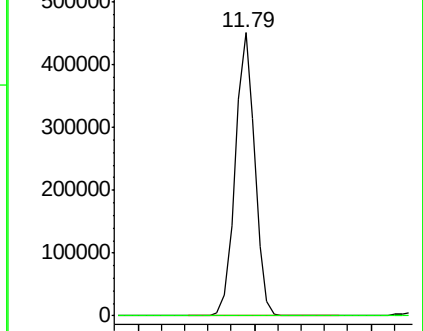
105 100

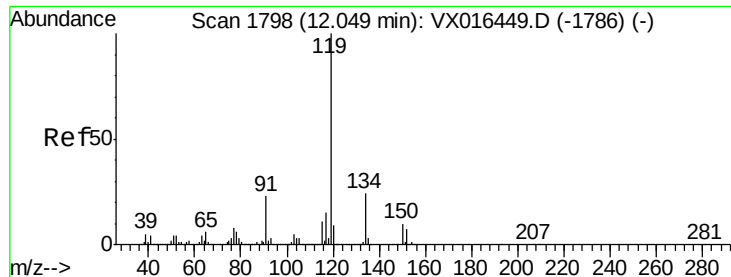
134 0.0 10.1 30.3#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

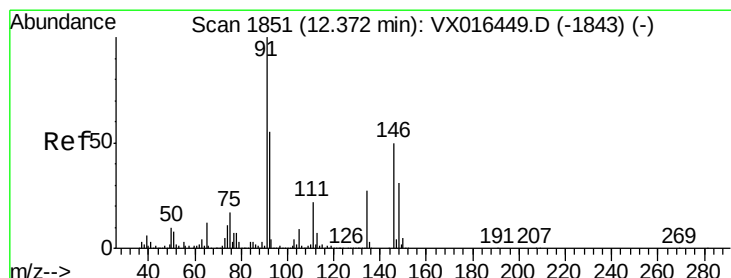
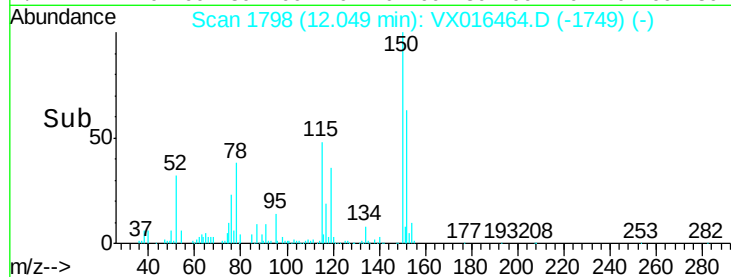
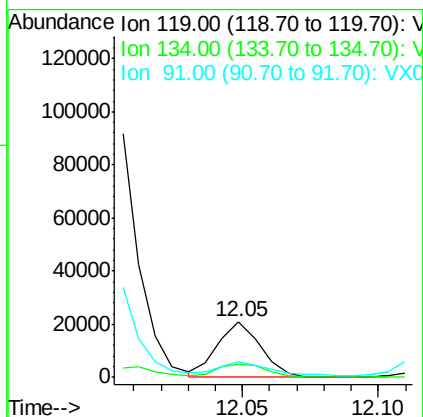
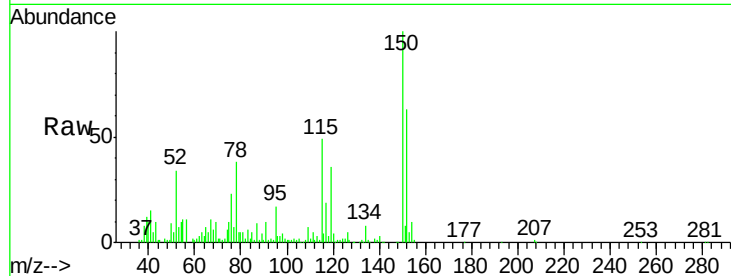




#86
p-Isopropyltoluene
Concen: 1.578 ug/l
RT: 12.05 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VX016464.D
Acq: 27 May 2020 22:32

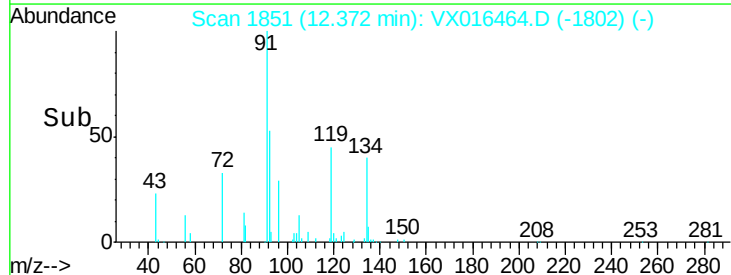
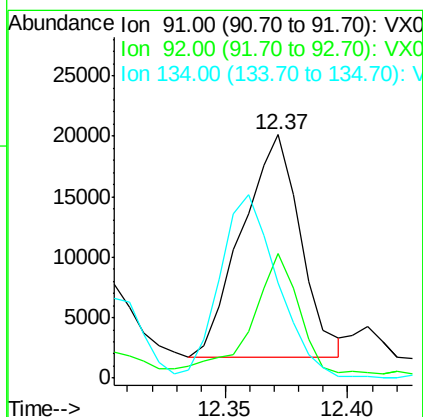
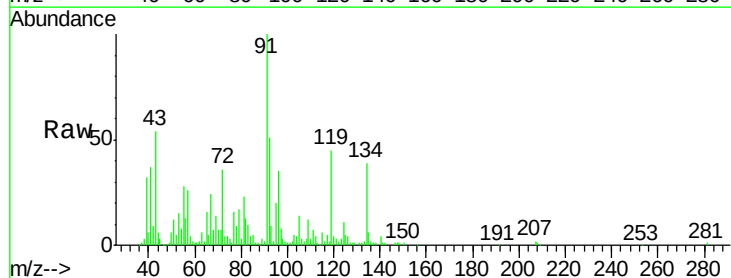
Instrument :
MSVOA_X
ClientSampleId :
C0AP3

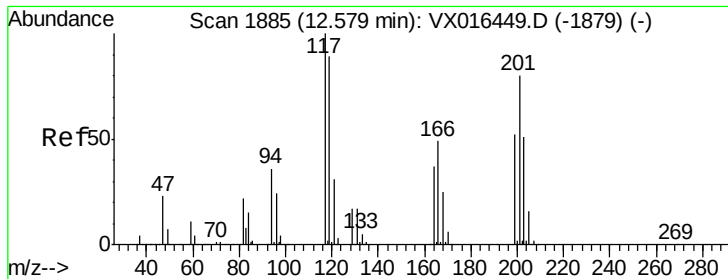
Tot Ion	Ratio	Lower	Upper
119	100		
134	28.9	12.7	38.0
91	0.0	11.7	35.0#



#89
n-Butylbenzene
Concen: 2.510 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016464.D
Acq: 27 May 2020 22:32

Tgt Ion	Ratio	Lower	Upper
91	100		
92	47.9	27.2	81.5
134	80.9	13.1	39.3#





#90

Hexachloroethane

Concen: 5.453 ug/l

RT: 12.59 min Scan# 1887

Delta R.T. 0.01 min

Lab File: VX016464.D

Acq: 27 May 2020 22:32

Instrument :

MSVOA_X

ClientSampled :

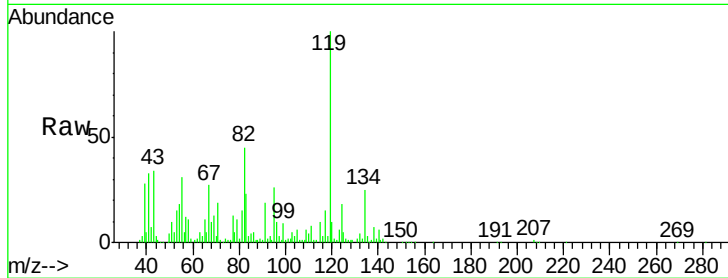
C0AP3

Tot Ion:117 Resp: 13799

Ion Ratio Lower Upper

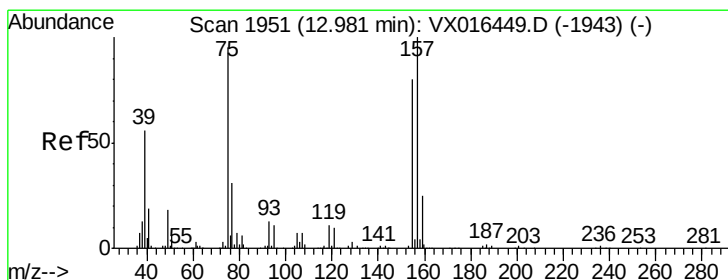
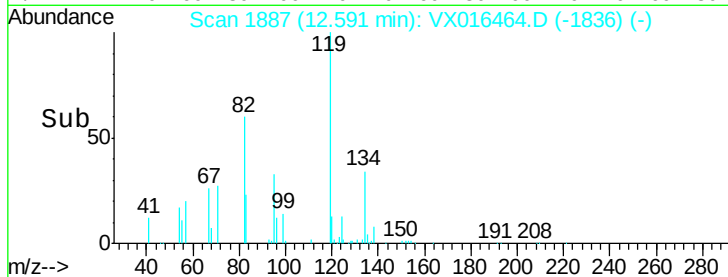
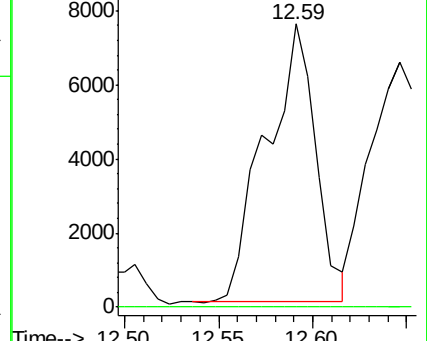
117 100

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: 25.098 ug/l

RT: 13.01 min Scan# 1955

Delta R.T. 0.02 min

Lab File: VX016464.D

Acq: 27 May 2020 22:32

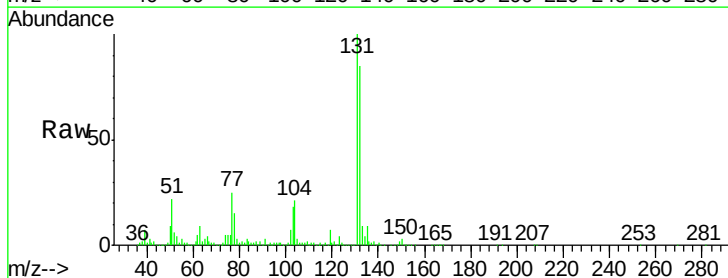
Tgt Ion: 75 Resp: 35599

Ion Ratio Lower Upper

75 100

155 0.0 44.1 132.4#

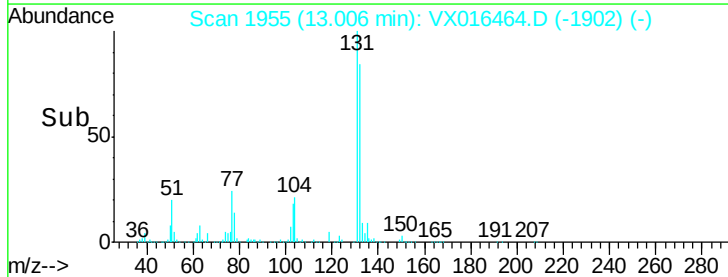
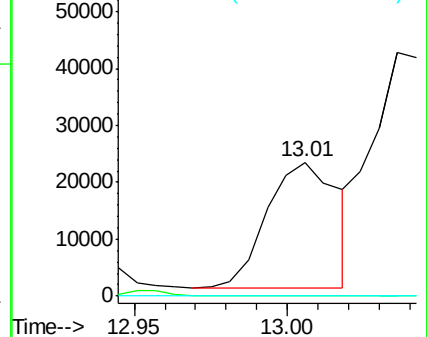
157 0.1 57.8 173.3#

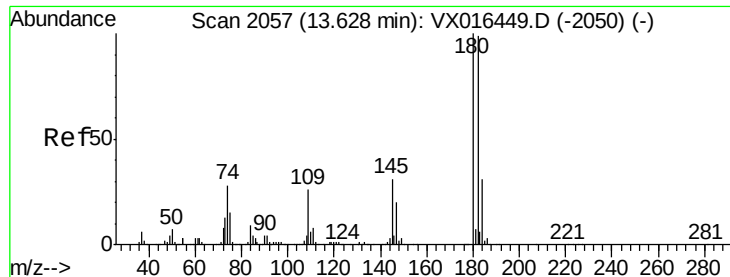


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 0.207 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. -0.00 min

Lab File: VX016464.D

Acq: 27 May 2020 22:32

Instrument :

MSVOA_X

ClientSampleId :

C0AP3

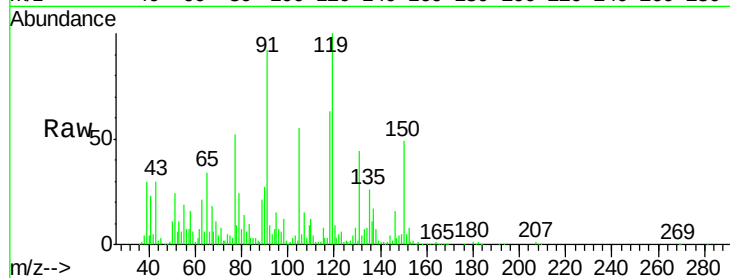
Tot Ion:180 Resp: 1056

Ion Ratio Lower Upper

180 100

182 90.6 48.3 144.8

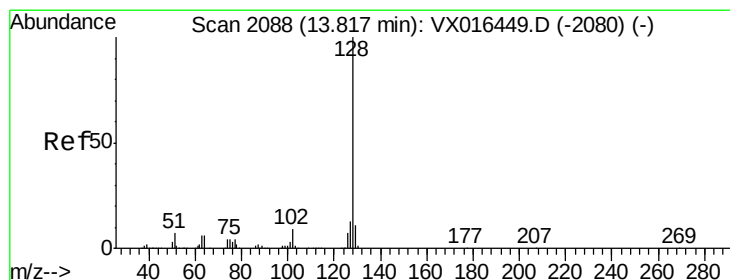
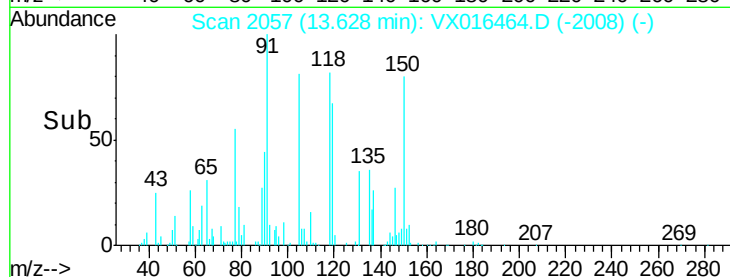
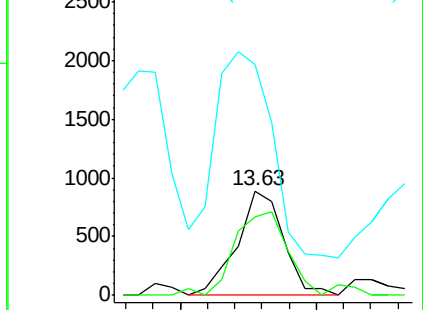
145 0.0 15.4 46.2#



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



#95

Naphthalene

Concen: 89.635 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016464.D

Acq: 27 May 2020 22:32

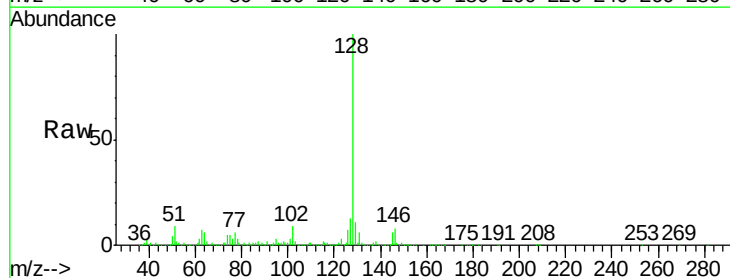
Tgt Ion:128 Resp: 1569812

Ion Ratio Lower Upper

128 100

127 13.4 10.6 15.8

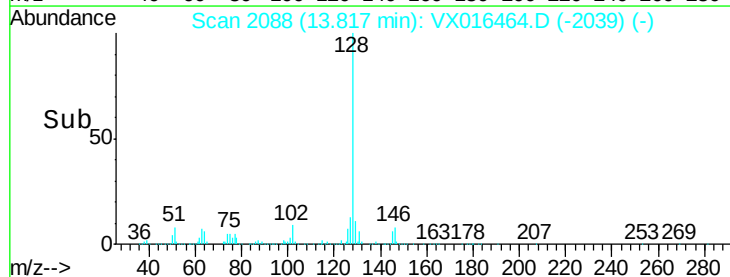
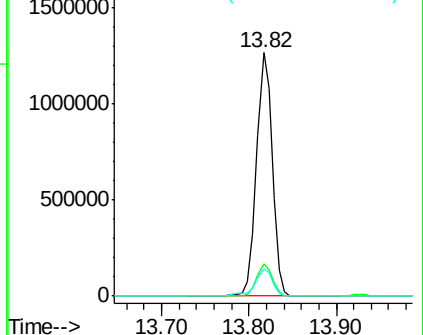
129 12.8 8.6 13.0

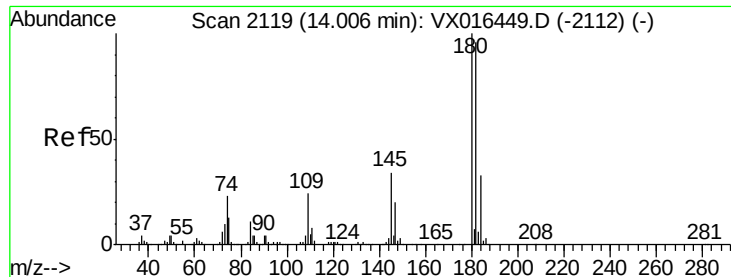


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96

1,2,3-Trichlorobenzene

Concen: 0.248 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.01 min

Lab File: VX016464.D

Acq: 27 May 2020 22:32

Instrument :

MSVOA_X

ClientSampleId :

C0AP3

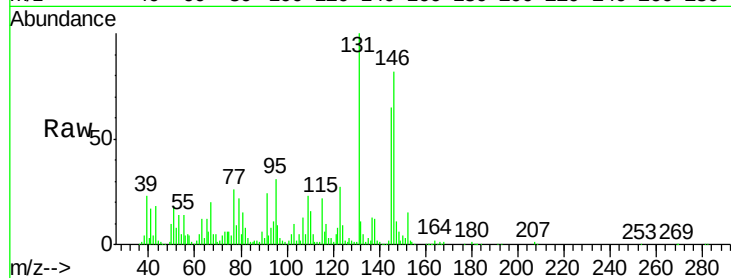
Tot Ion:180 Resp: 1240

Ion Ratio Lower Upper

180 100

182 51.2 48.6 145.8

145 7267.6 16.6 49.8#



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

