

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041020\
 Data File : VX015619.D
 Acq On : 10 Apr 2020 14:26
 Operator : JC/SP
 Sample : L2209-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 400408744.2-VOA

Quant Time: Apr 11 00:20:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X032520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 26 02:31:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.99	128	112833	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	617080	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	568371	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	283282	32.13	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	107.10%
60) 4-Bromofluorobenzene	11.12	95	278575	28.64	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	95.47%
63) Toluene-d8	8.70	98	738898	30.60	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.00%

Target Compounds

					Ovalue	
2) Dichlorodifluoromethane	1.18	85	2876	0.534	ug/l	97
8) Diethyl Ether	2.17	74	40637	11.553	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.36	101	2051	0.339	ug/l	89
11) Methyl Iodide	2.50	142	2091	0.256	ug/l #	70
12) Methyl Acetate	3.17	43	6484	0.721	ug/l	98
13) Acrolein	2.17	56	455	0.389	ug/l	93
14) Acrylonitrile	3.12	53	1185	0.308	ug/l #	54
15) Acetone	2.42	58	16025	16.374	ug/l	97
16) Carbon Disulfide	2.43	76	4015	0.224	ug/l	96
19) trans-1,2-Dichloroethene	3.14	96	1482	0.223	ug/l #	61
23) tert-Butyl Alcohol	3.00	59	1076917	568.850	ug/l #	100
24) Methyl tert-Butyl Ether	3.17	73	24380	1.069	ug/l	90
26) Cyclohexane	5.56	56	4055	0.334	ug/l #	49
30) 2-Butanone	4.64	43	71819	12.923	ug/l #	64
34) Benzene	6.12	78	76048	2.846	ug/l	99
38) Methylcyclohexane	7.43	83	2274	0.200	ug/l #	15
44) Isopropyl Acetate	6.43	43	13617	0.700	ug/l #	63
45) 1,4-Dioxane	7.71	88	85375	476.343	ug/l	94
46) Methyl methacrylate	7.71	41	1946	0.200	ug/l	88
51) Ethyl methacrylate	9.60	69	3570	0.303	ug/l	86
58) 4-Methyl-2-Pentanone	8.60	43	28109	2.584	ug/l #	48
61) Tetrachloroethene	9.32	164	2951	0.404	ug/l #	89
62) Toluene	8.76	91	44840	1.558	ug/l	99
64) Chlorobenzene	10.12	112	250598	13.539	ug/l	99
66) Ethyl Benzene	10.24	91	291835	8.874	ug/l	99
67) m/p-Xylenes	10.34	106	54377	4.368	ug/l	99
68) o-Xylene	10.68	106	45318	3.725	ug/l	99
69) Styrene	10.70	104	8039	0.379	ug/l #	15
70) Isopropylbenzene	11.00	105	49525	1.535	ug/l	95
73) Bromobenzene	11.25	156	2273	0.263	ug/l	43
74) n-propylbenzene	11.34	91	34596	0.935	ug/l	97
75) 2-Chlorotoluene	11.40	91	22102	0.982	ug/l	93
76) 1,3,5-Trimethylbenzene	11.49	105	13884	0.501	ug/l	91
78) 4-Chlorotoluene	11.49	91	6702	0.257	ug/l	88
80) 1,2,4-Trimethylbenzene	11.79	105	70541	2.514	ug/l	97
81) sec-Butylbenzene	11.93	105	10951	0.345	ug/l	84
82) p-Isopropyltoluene	12.05	119	15985	0.534	ug/l	90

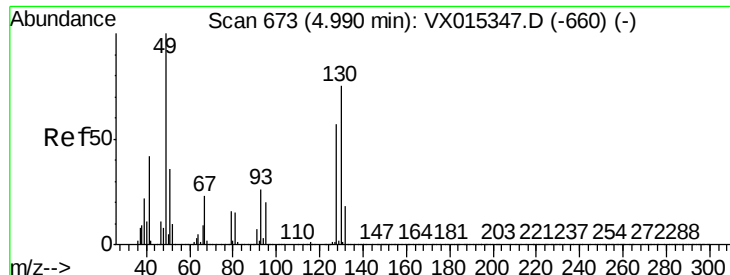
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041020\
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 26 02:31:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) 1,3-Dichlorobenzene	12.01	146	5860	0.376	ug/l	92
84) 1,4-Dichlorobenzene	12.08	146	153560	9.884	ug/l	99
85) n-Butylbenzene	12.37	91	13088	0.491	ug/l	81
87) 1,2-Dichlorobenzene	12.38	146	13068	0.860	ug/l	94
89) 1,2,4-Trichlorobenzene	13.63	180	4617	0.377	ug/l #	79
90) Hexachlorobutadiene	13.76	225	3439	0.534	ug/l	86
91) Naphthalene	13.82	128	467332	13.190	ug/l	99
92) 1,2,3-Trichlorobenzene	14.01	180	3779	0.311	ug/l	87

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



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.99 min Scan# 673

Delta R.T. -0.00 min

Lab File: VX015619.D

Acq: 10 Apr 2020 14:26

Instrument :

MSVOA_X

ClientSampleId :

400408744.2-VOA

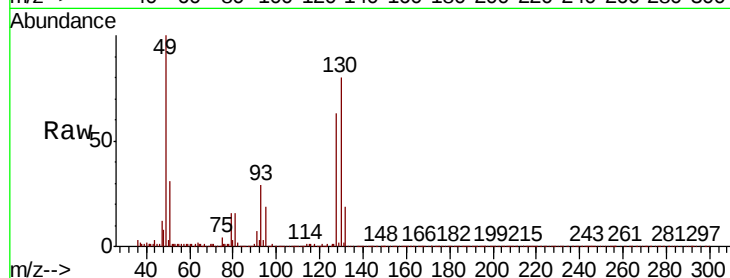
Tot Ion:128 Resp: 112833

Ion Ratio Lower Upper

128 100

49 173.8 0.0 428.0

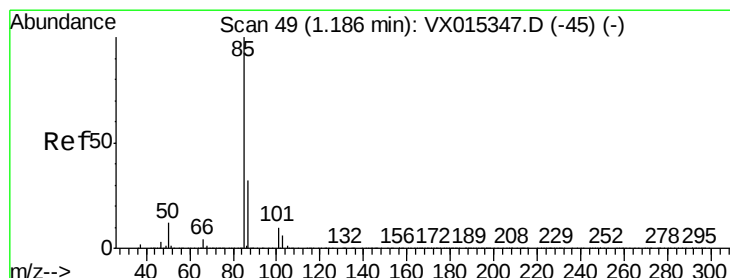
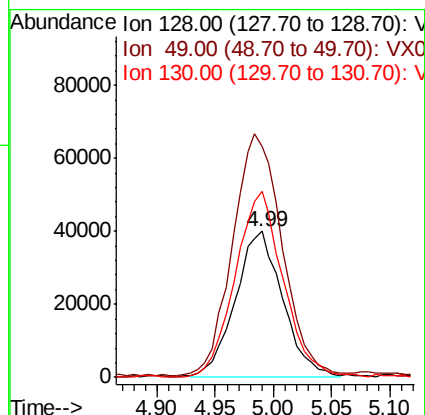
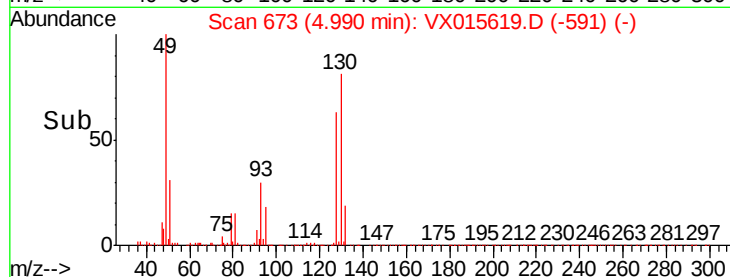
130 129.4 0.0 324.5



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 0.534 ug/l

RT: 1.18 min Scan# 48

Delta R.T. -0.01 min

Lab File: VX015619.D

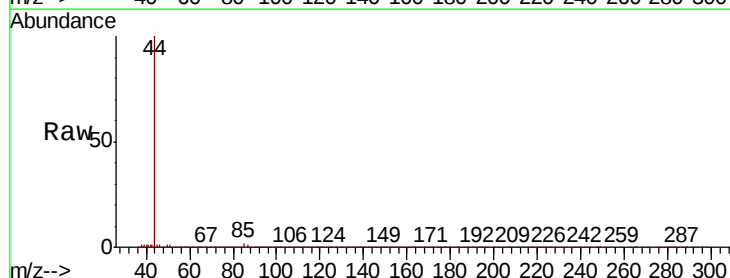
Acq: 10 Apr 2020 14:26

Tgt Ion: 85 Resp: 2876

Ion Ratio Lower Upper

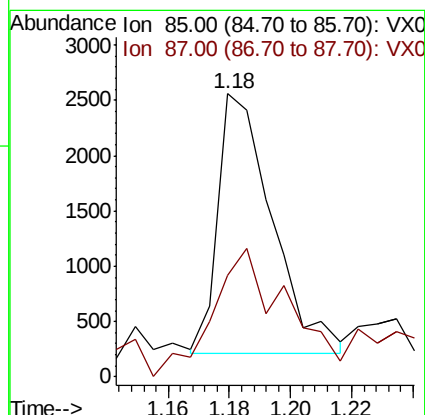
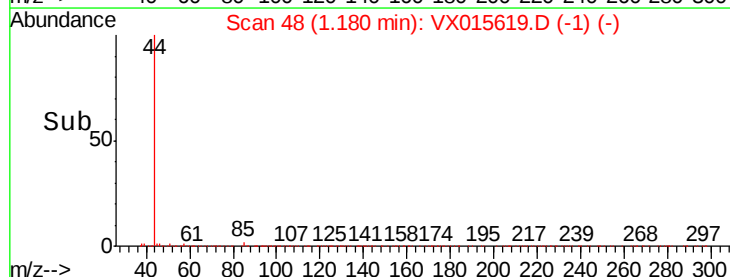
85 100

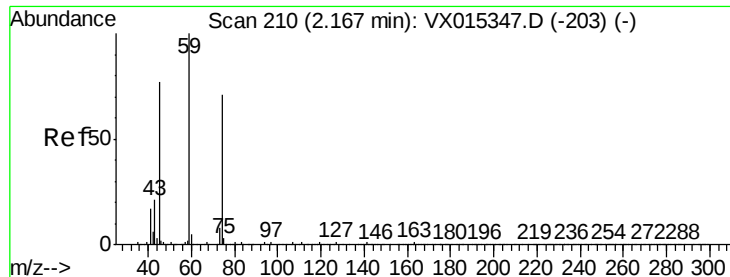
87 34.0 16.3 48.9



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#8

Diethyl Ether

Concen: 11.553 ug/l

RT: 2.17 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX015619.D

Acq: 10 Apr 2020 14:26

Instrument :

MSVOA_X

ClientSampleId :

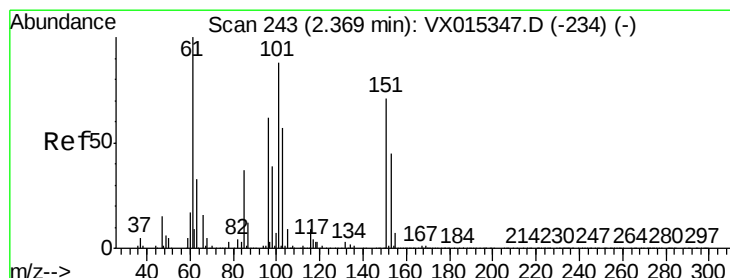
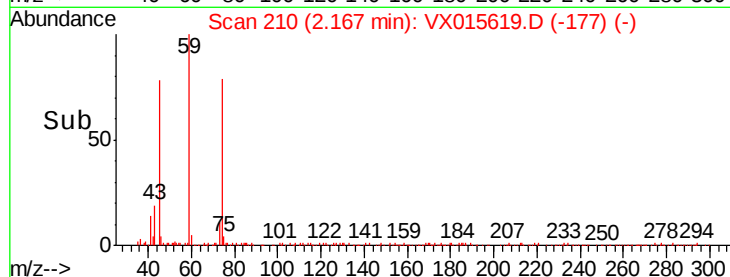
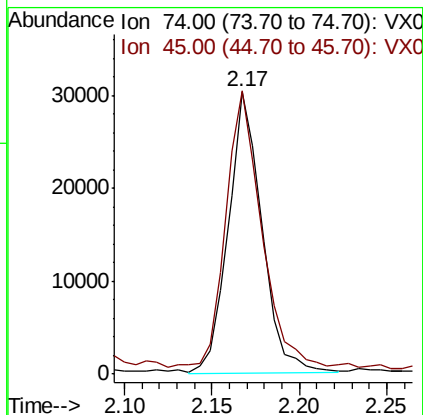
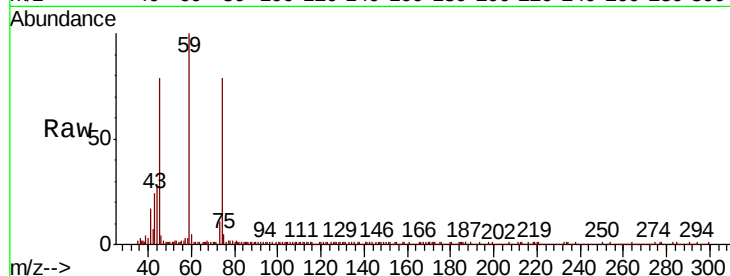
400408744.2-VOA

Tot Ion: 74 Resp: 40637

Ion Ratio Lower Upper

74 100

45 103.4 21.8 196.4



#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.339 ug/l

RT: 2.36 min Scan# 242

Delta R.T. -0.01 min

Lab File: VX015619.D

Acq: 10 Apr 2020 14:26

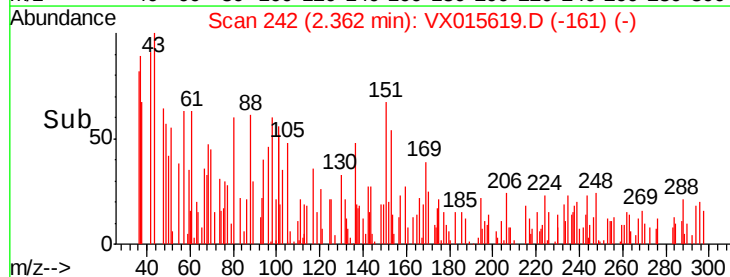
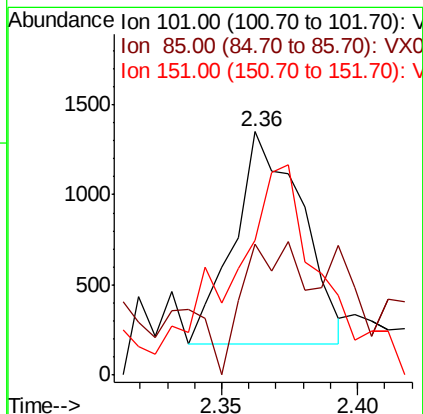
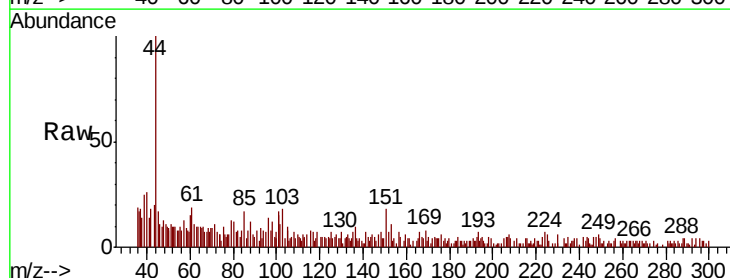
Tgt Ion: 101 Resp: 2051

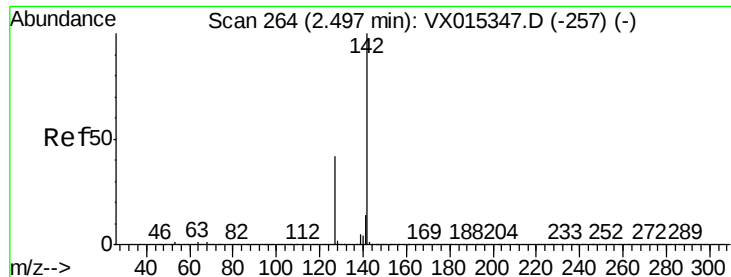
Ion Ratio Lower Upper

101 100

85 52.2 0.0 85.8

151 74.5 0.0 164.6

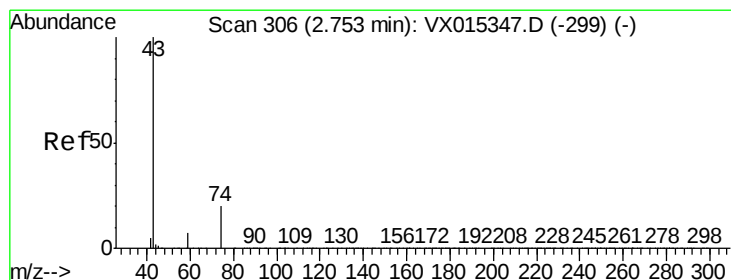
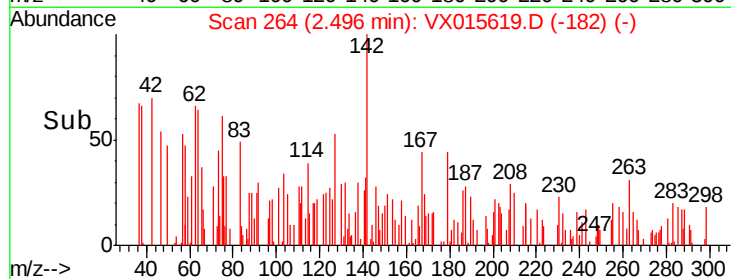
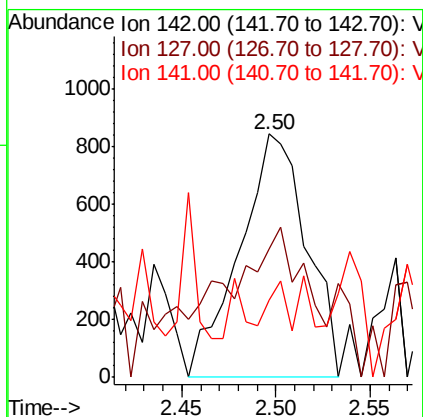
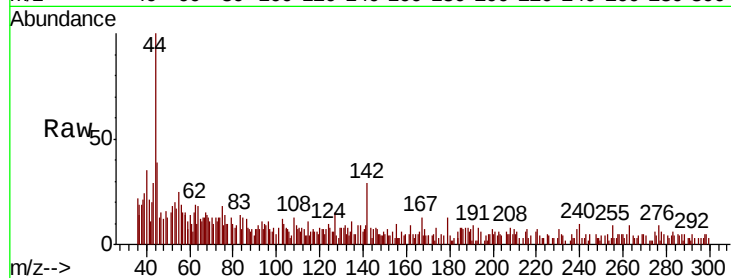




#11
Methvl Iodide
Concen: 0.256 ug/l
RT: 2.50 min Scan# 264
Delta R.T. -0.00 min
Lab File: VX015619.D
Acq: 10 Apr 2020 14:26

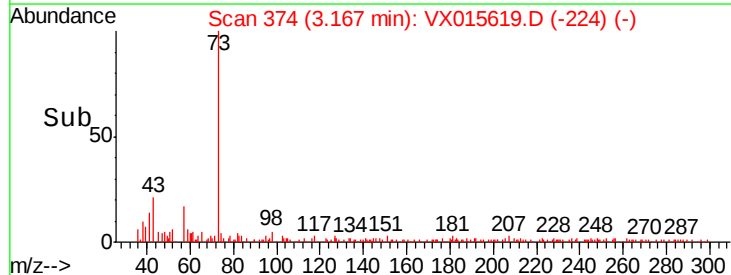
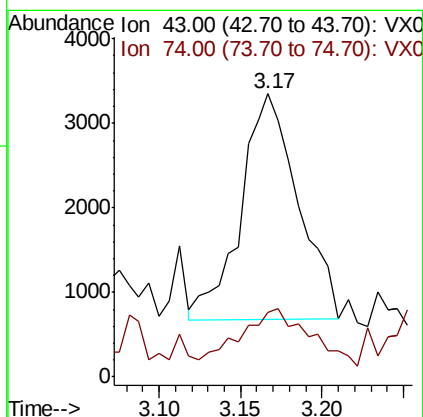
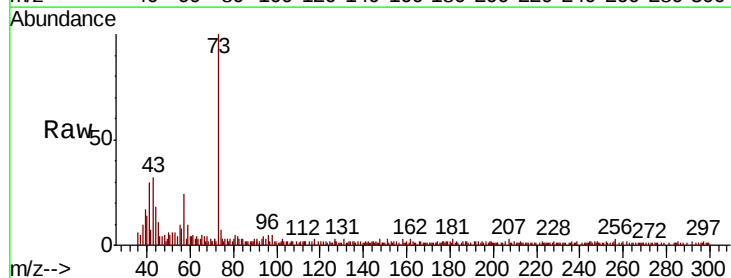
Instrument :
MSVOA_X
ClientSampleId :
400408744.2-VOA

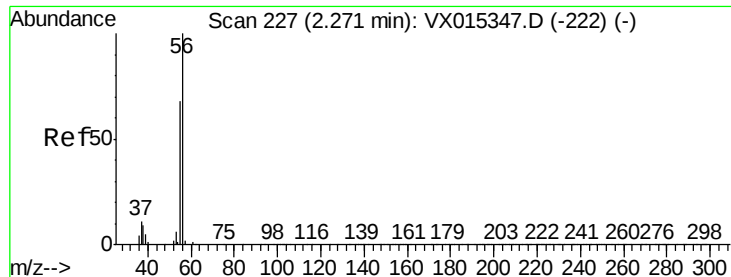
Tot Ion:142 Resp: 2091
Ion Ratio Lower Upper
142 100
127 23.9 21.0 63.0
141 0.0 6.9 20.7#



#12
Methyl Acetate
Concen: 0.721 ug/l
RT: 3.17 min Scan# 374
Delta R.T. 0.41 min
Lab File: VX015619.D
Acq: 10 Apr 2020 14:26

Tgt Ion: 43 Resp: 6484
Ion Ratio Lower Upper
43 100
74 18.8 15.8 23.6

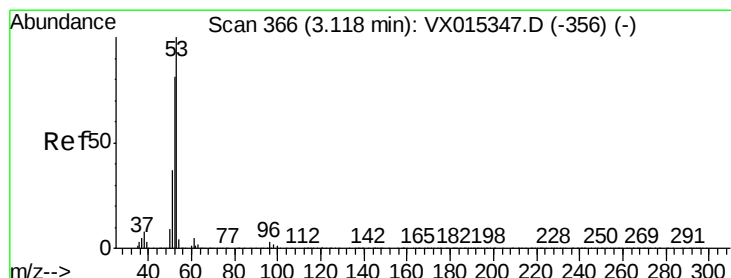
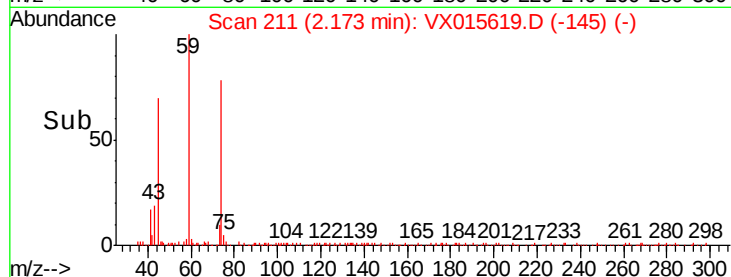
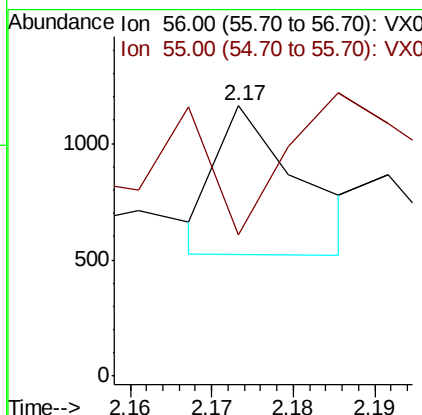
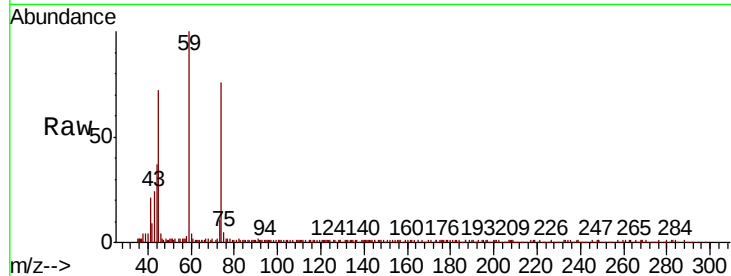




#13
Acrolein
Concen: 0.389 ug/l
RT: 2.17 min Scan# 211
Delta R.T. -0.10 min
Lab File: VX015619.D
Acq: 10 Apr 2020 14:26

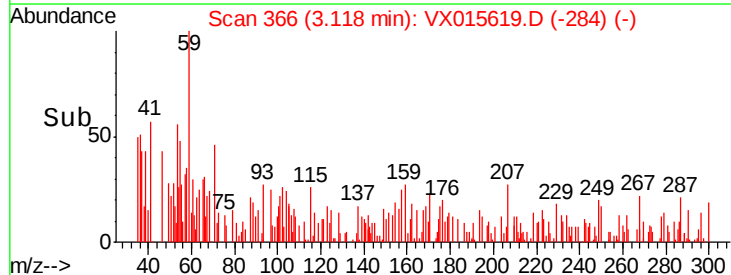
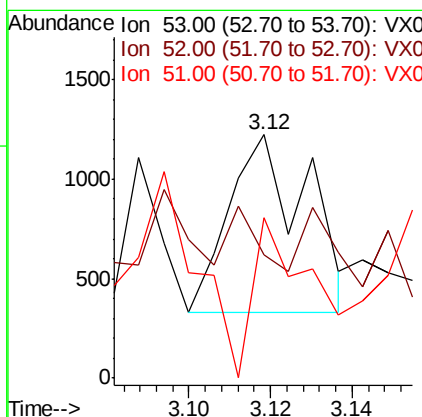
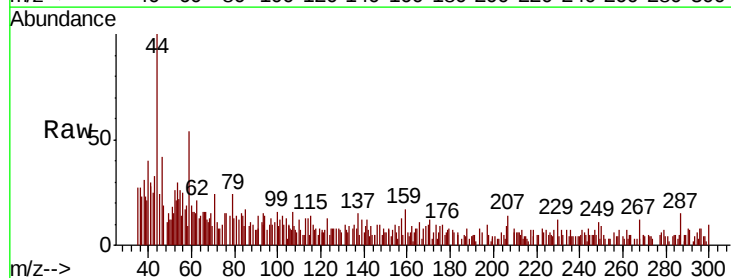
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ClientSampleId :
400408744.2-VOA

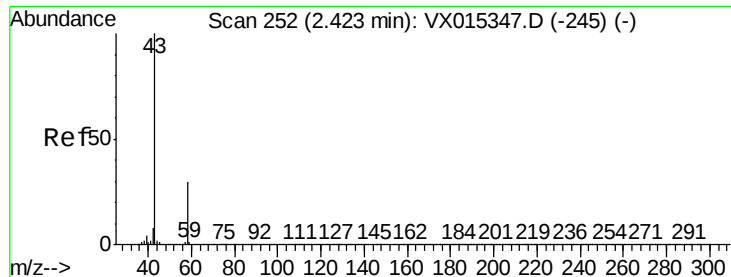
Tot Ion: 56 Resp: 455
Ion Ratio Lower Upper
56 100
55 61.3 53.5 80.3



#14
Acrylonitrile
Concen: 0.308 ug/l
RT: 3.12 min Scan# 366
Delta R.T. -0.00 min
Lab File: VX015619.D
Acq: 10 Apr 2020 14:26

Tgt Ion: 53 Resp: 1185
Ion Ratio Lower Upper
53 100
52 43.2 41.0 123.2
51 67.6 18.4 55.4#

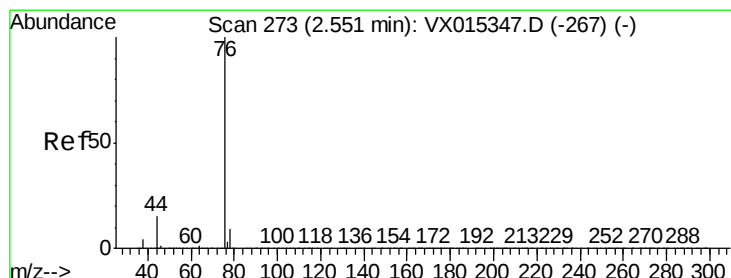
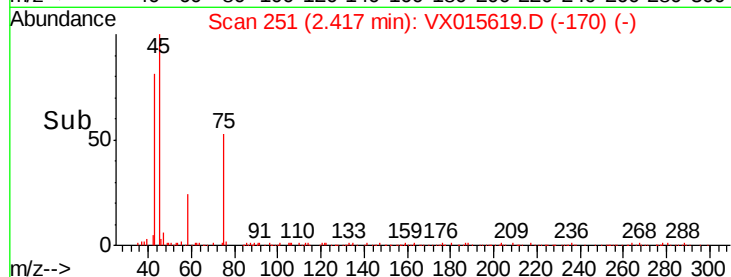
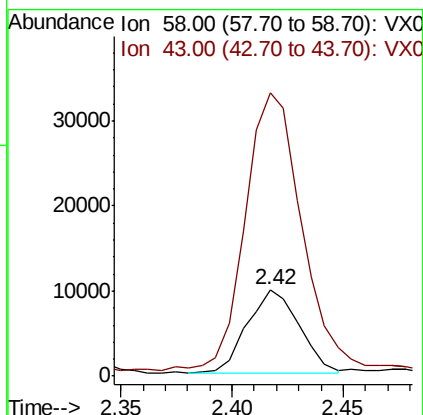
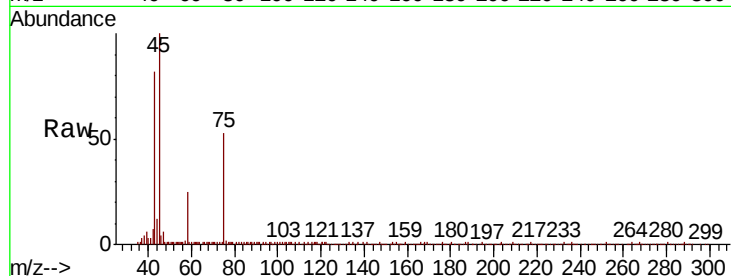




#15
Acetone
Concen: 16.374 ug/l
RT: 2.42 min Scan# 251
Delta R.T. -0.01 min
Lab File: VX015619.D
Acq: 10 Apr 2020 14:26

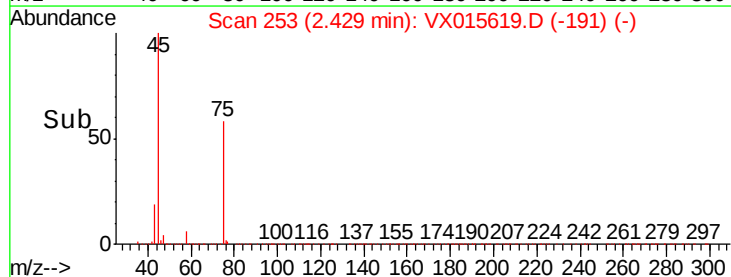
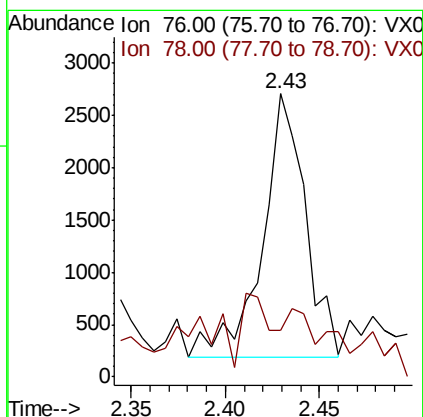
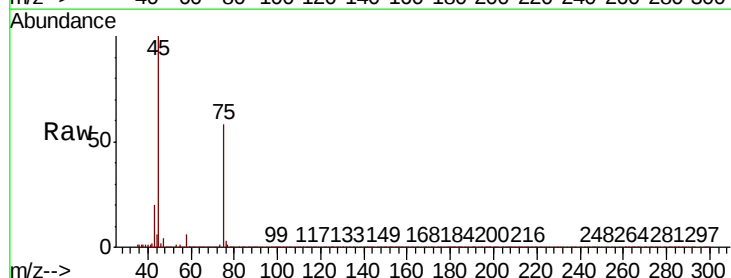
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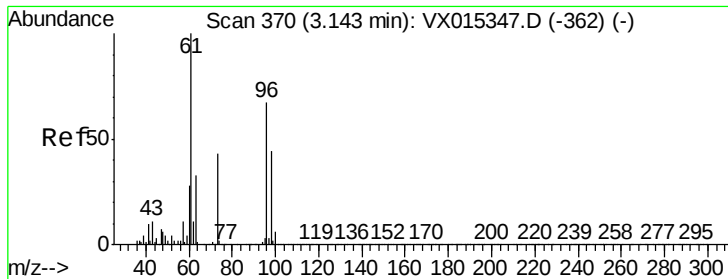
Tot Ion: 58 Resp: 16025
Ion Ratio Lower Upper
58 100
43 328.5 267.8 401.8



#16
Carbon Disulfide
Concen: 0.224 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.12 min
Lab File: VX015619.D
Acq: 10 Apr 2020 14:26

Tgt Ion: 76 Resp: 4015
Ion Ratio Lower Upper
76 100
78 10.8 7.4 11.2





#19

trans-1,2-Dichloroethene

Concen: 0.223 ug/l

RT: 3.14 min Scan# 370

Delta R.T. -0.00 min

Lab File: VX015619.D

Acq: 10 Apr 2020 14:26

Instrument :

MSVOA_X

ClientSampleId :

400408744.2-VOA

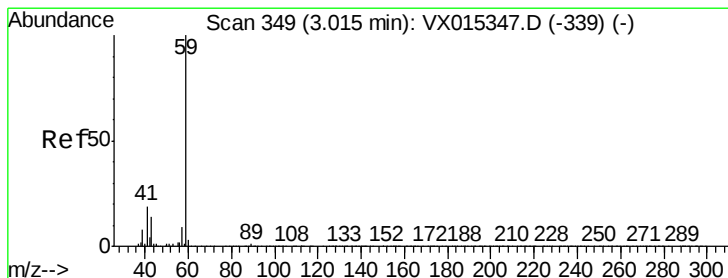
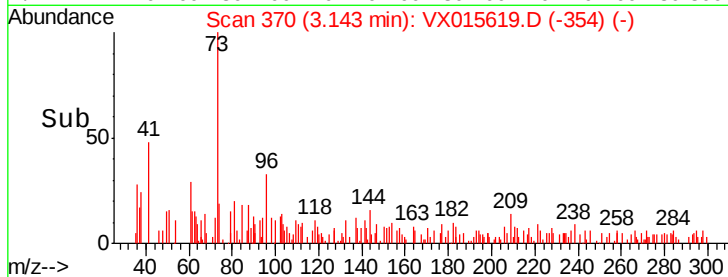
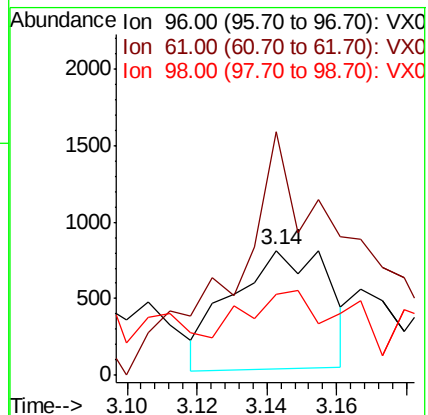
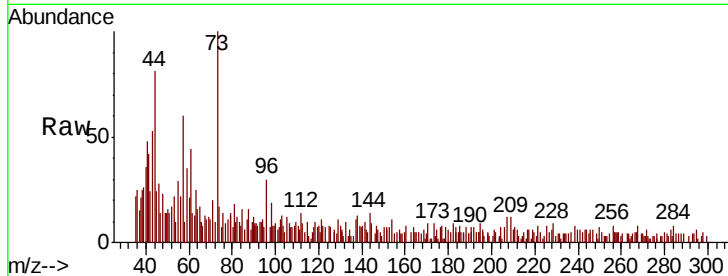
Tot Ion: 96 Resp: 1482

Ion Ratio Lower Upper

96 100

61 204.3 118.2 177.2#

98 44.1 51.9 77.9#



#23

tert-Butyl Alcohol

Concen: 568.850 ug/l

RT: 3.00 min Scan# 347

Delta R.T. -0.01 min

Lab File: VX015619.D

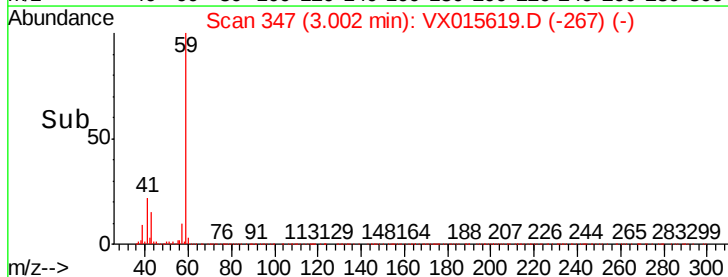
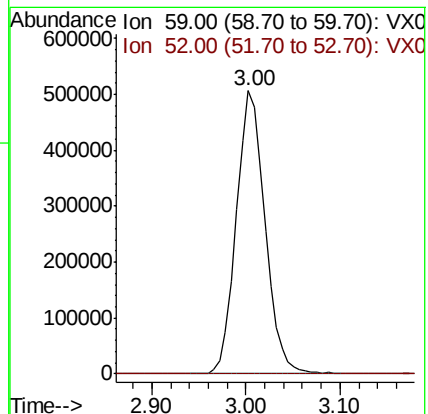
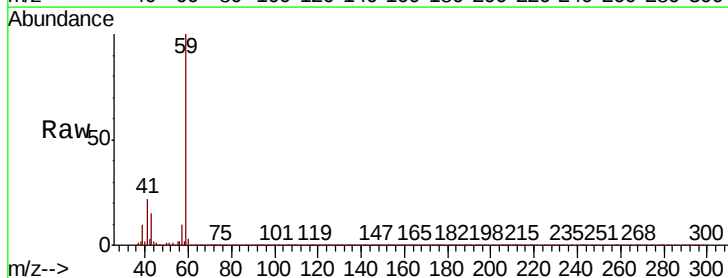
Acq: 10 Apr 2020 14:26

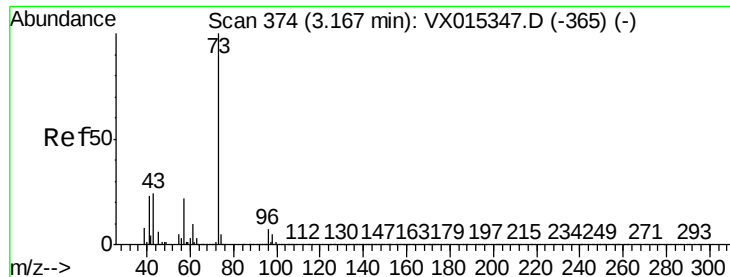
Tgt Ion: 59 Resp: 1076917

Ion Ratio Lower Upper

59 100

52 0.3 0.2 0.2#



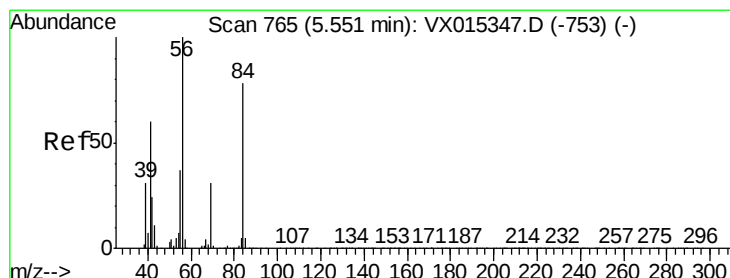
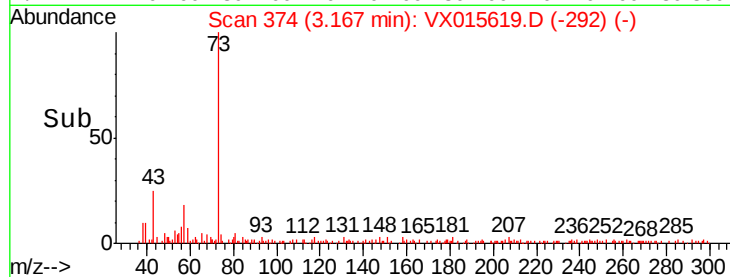
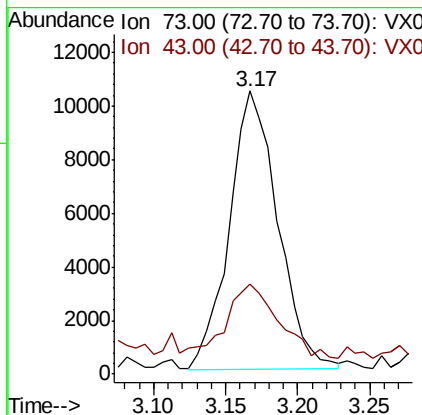
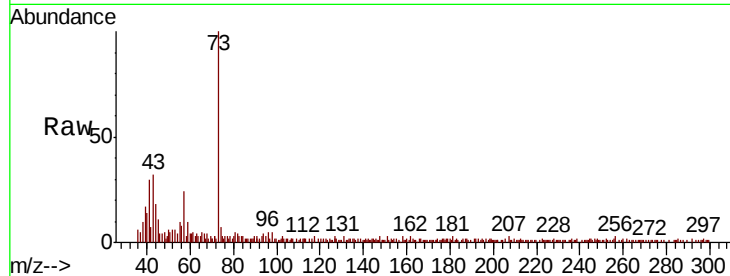


#24

Methyl tert-Butyl Ether
 Concen: 1.069 ug/l
 RT: 3.17 min Scan# 374
 Delta R.T. -0.00 min
 Lab File: VX015619.D
 Acq: 10 Apr 2020 14:26

Instrument :
 MSVOA_X
 ClientSampleId :
 400408744.2-VOA

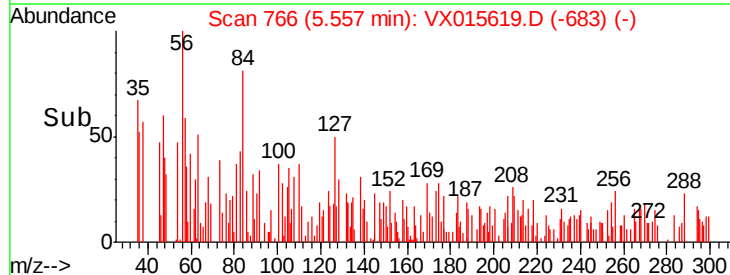
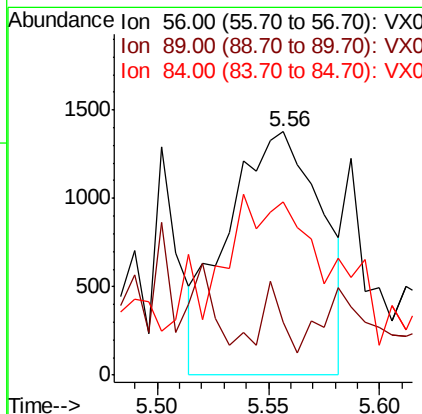
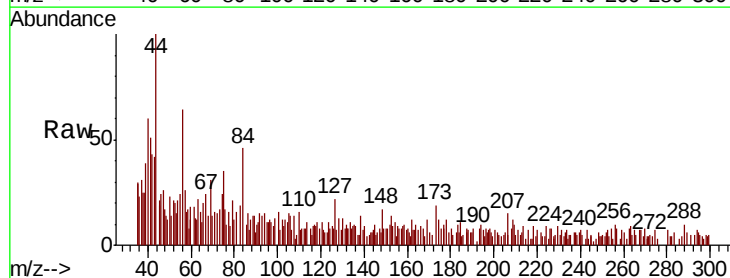
Tot Ion: 73 Resp: 24380
 Ion Ratio Lower Upper
 73 100
 43 28.8 19.2 28.8

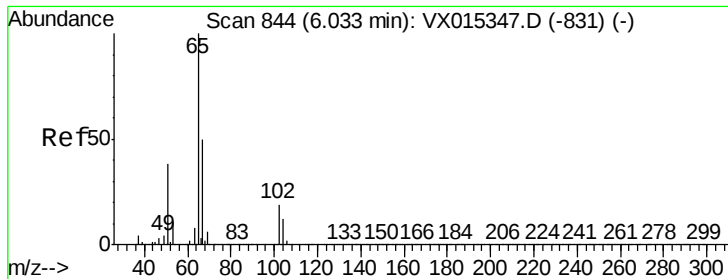


#26

Cyclohexane
 Concen: 0.334 ug/l
 RT: 5.56 min Scan# 766
 Delta R.T. 0.01 min
 Lab File: VX015619.D
 Acq: 10 Apr 2020 14:26

Tgt Ion: 56 Resp: 4055
 Ion Ratio Lower Upper
 56 100
 89 5.3 0.1 0.1#
 84 36.3 66.1 99.1#

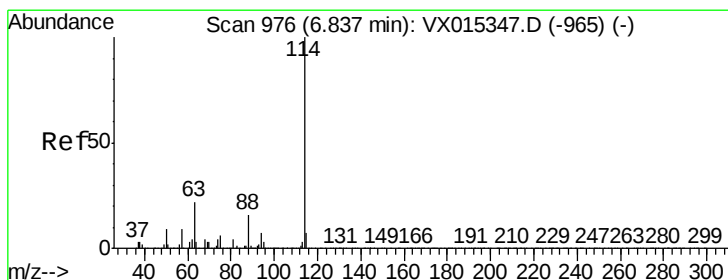
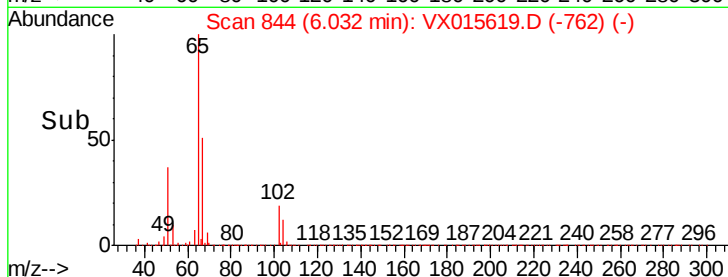
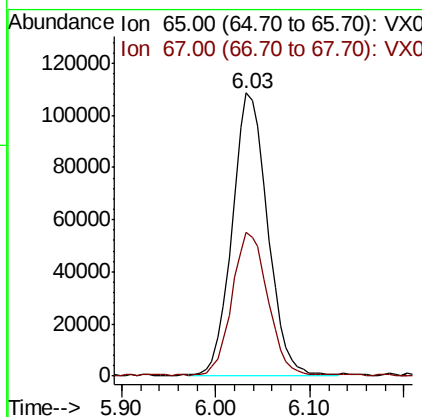
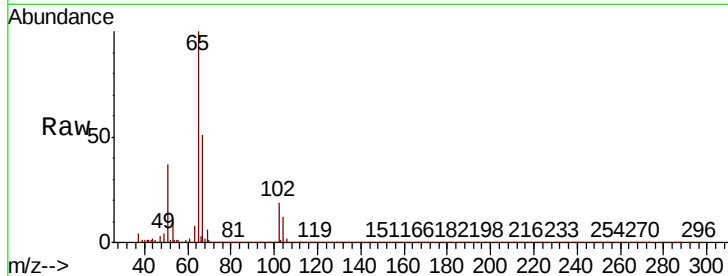




#27
 1,2-Dichloroethane-d4
 Concen: 32.129 ug/l
 RT: 6.03 min Scan# 844
 Delta R.T. -0.00 min
 Lab File: VX015619.D
 Acq: 10 Apr 2020 14:26

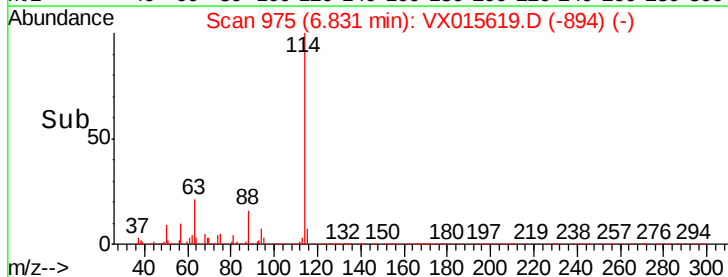
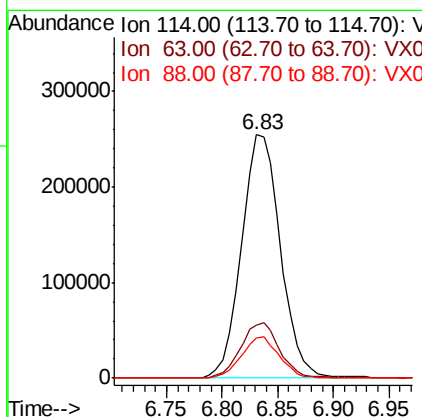
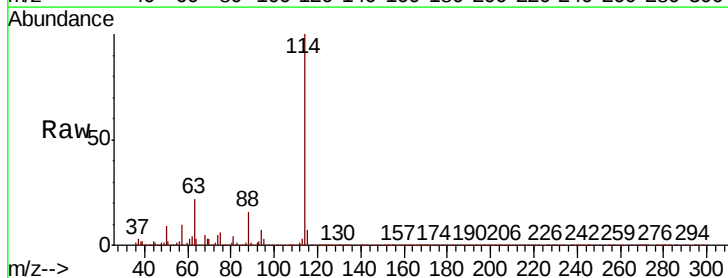
Instrument :
 MSVOA_X
 ClientSampleId :
 400408744.2-VOA

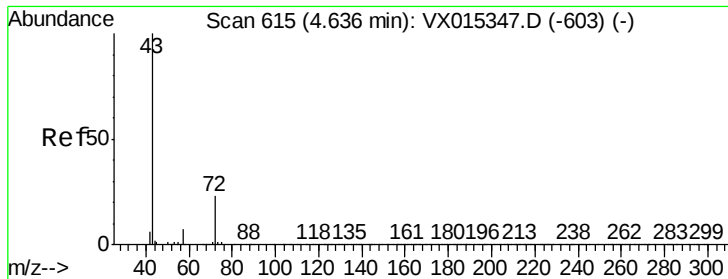
Tot Ion: 65 Resp: 283282
 Ion Ratio Lower Upper
 65 100
 67 50.7 40.9 61.3



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.83 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: VX015619.D
 Acq: 10 Apr 2020 14:26

Tgt Ion: 114 Resp: 617080
 Ion Ratio Lower Upper
 114 100
 63 22.2 17.4 26.2
 88 16.5 12.9 19.3

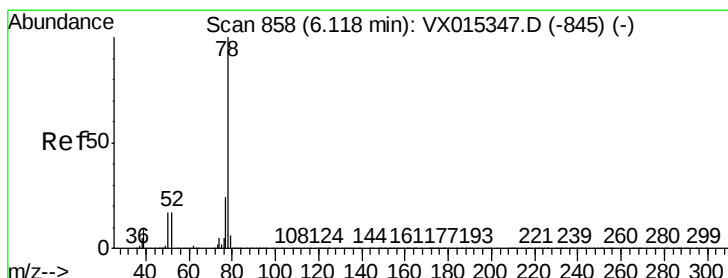
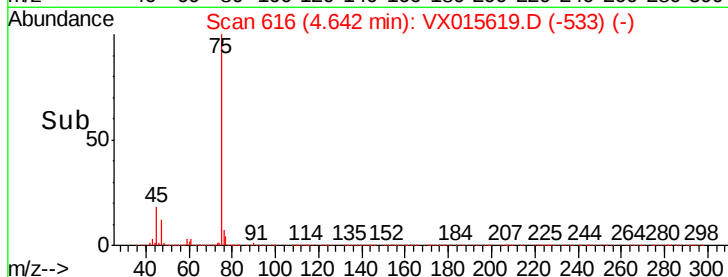
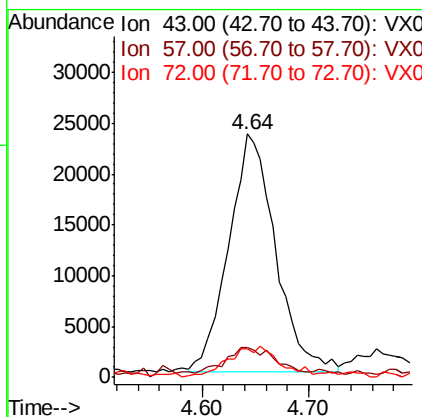
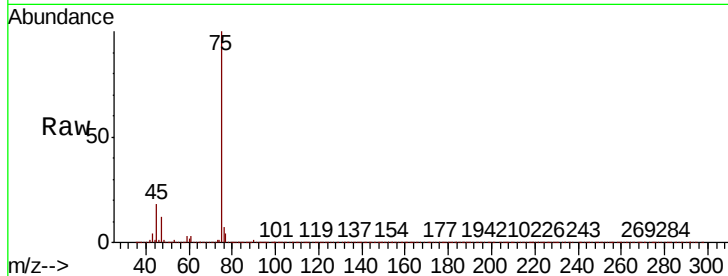




#30
2-Butanone
Concen: 12.923 ug/l
RT: 4.64 min Scan# 616
Delta R.T. 0.01 min
Lab File: VX015619.D
Acq: 10 Apr 2020 14:26

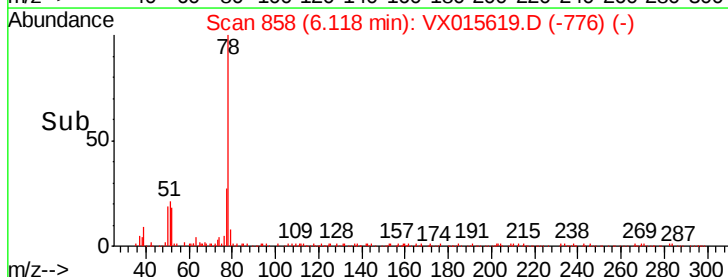
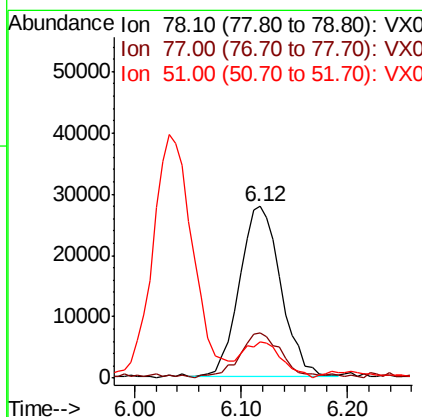
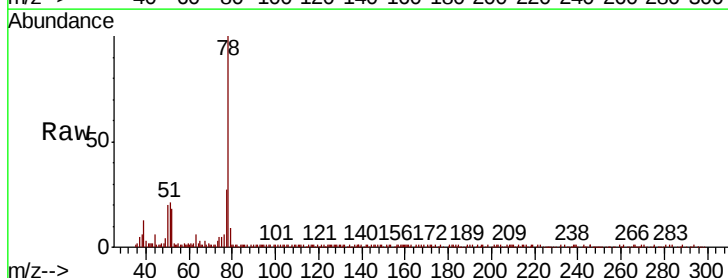
Instrument :
MSVOA_X
ClientSampleId :
400408744.2-VOA

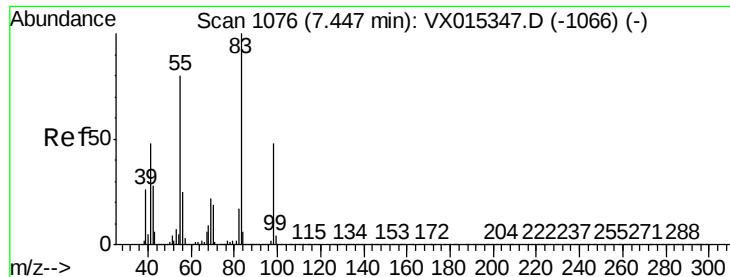
Tot Ion: 43 Resp: 71819
Ion Ratio Lower Upper
43 100
57 4.4 5.9 8.9#
72 1.4 18.6 27.8#



#34
Benzene
Concen: 2.846 ug/l
RT: 6.12 min Scan# 858
Delta R.T. -0.00 min
Lab File: VX015619.D
Acq: 10 Apr 2020 14:26

Tgt Ion: 78 Resp: 76048
Ion Ratio Lower Upper
78 100
77 25.4 19.4 29.2
51 18.1 14.6 21.8

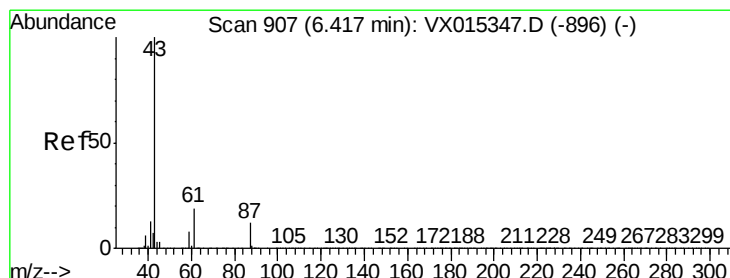
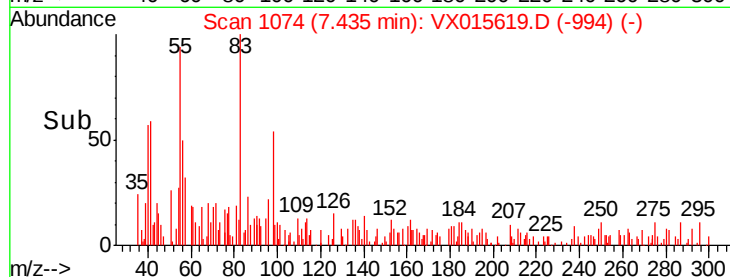
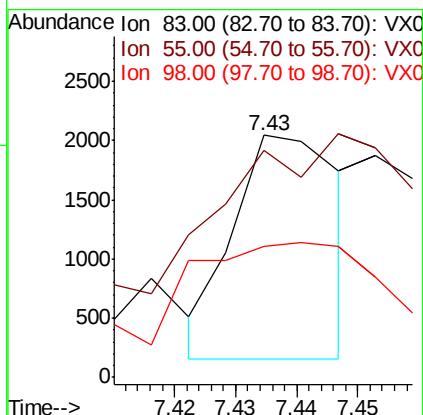
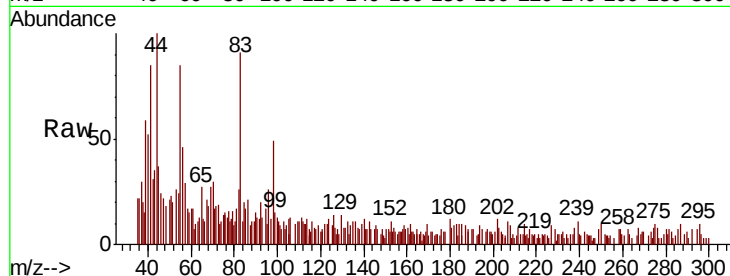




#38
Methylcyclohexane
Concen: 0.200 ug/l
RT: 7.43 min Scan# 1074
Delta R.T. -0.01 min
Lab File: VX015619.D
Acq: 10 Apr 2020 14:26

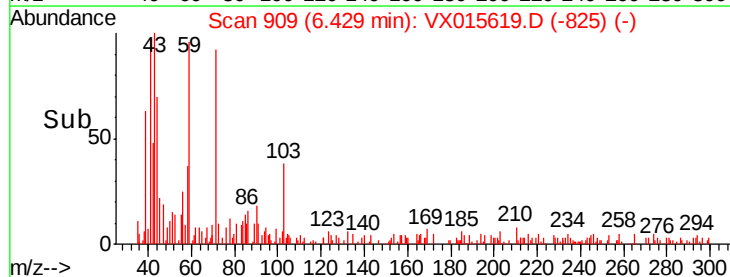
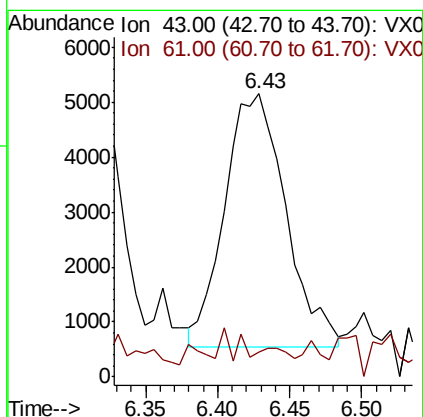
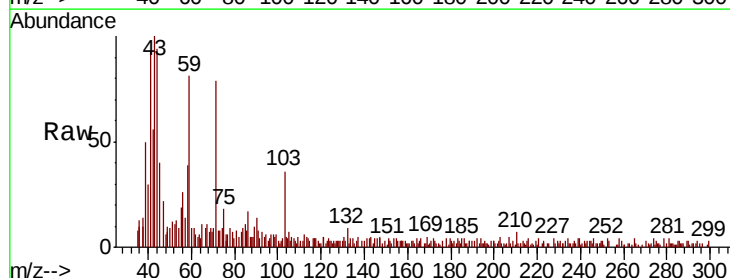
Instrument :
MSVOA_X
ClientSampleId :
400408744.2-VOA

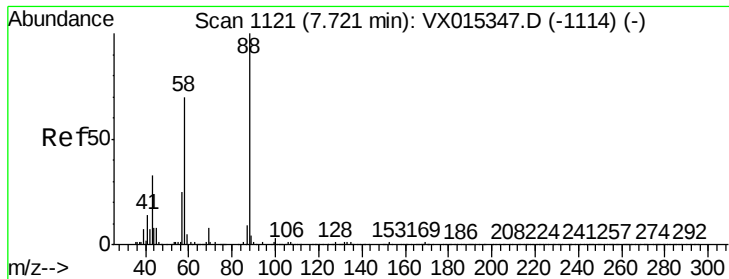
Tot Ion: 83 Resp: 2274
Ion Ratio Lower Upper
83 100
55 145.8 41.3 124.1#
98 123.4 24.0 72.0#



#44
Isopropyl Acetate
Concen: 0.700 ug/l
RT: 6.43 min Scan# 909
Delta R.T. 0.01 min
Lab File: VX015619.D
Acq: 10 Apr 2020 14:26

Tgt Ion: 43 Resp: 13617
Ion Ratio Lower Upper
43 100
61 2.0 14.6 22.0#





#45

1,4-Dioxane

Concen: 476.343 ug/l

RT: 7.71 min Scan# 1120

Delta R.T. -0.01 min

Lab File: VX015619.D

Acq: 10 Apr 2020 14:26

Instrument :

MSVOA_X

ClientSampleId :

400408744.2-VOA

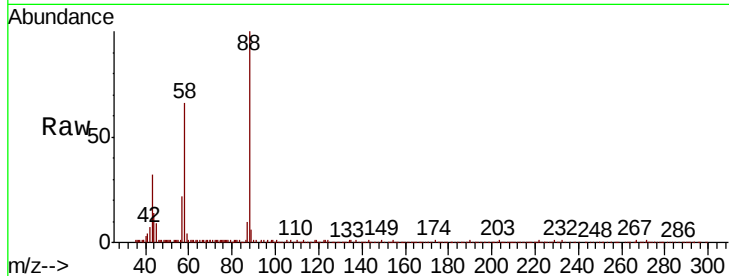
Tot Ion: 88 Resp: 85375

Ion Ratio Lower Upper

88 100

43 33.5 32.1 48.1

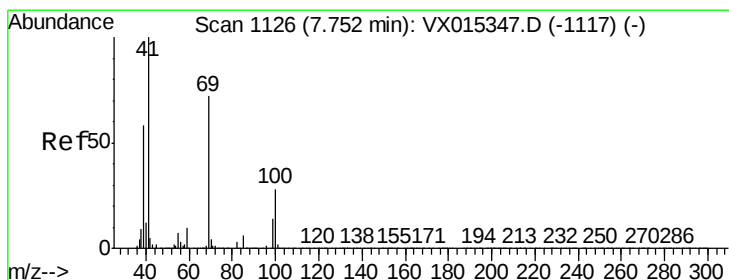
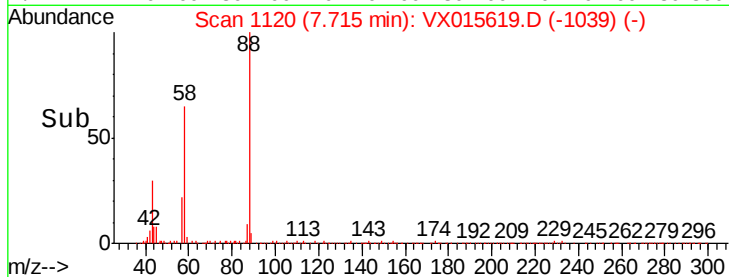
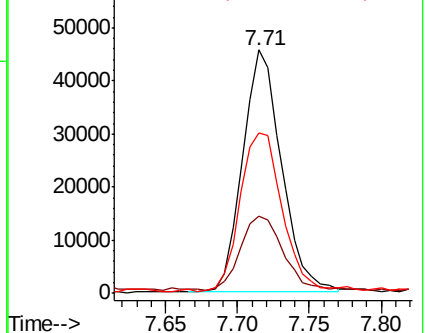
58 70.8 59.4 89.0



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#46

Methyl methacrylate

Concen: 0.200 ug/l

RT: 7.71 min Scan# 1120

Delta R.T. -0.04 min

Lab File: VX015619.D

Acq: 10 Apr 2020 14:26

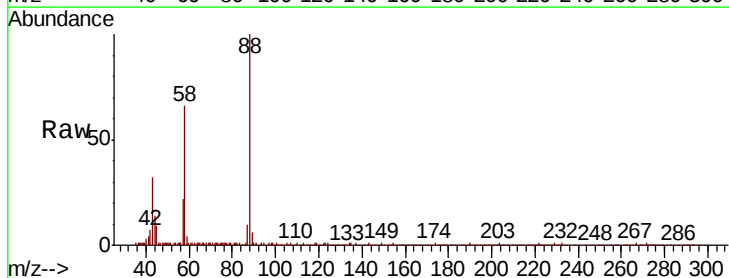
Tgt Ion: 41 Resp: 1946

Ion Ratio Lower Upper

41 100

69 56.2 35.8 107.4

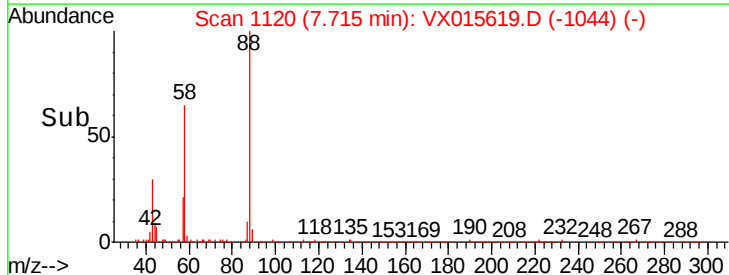
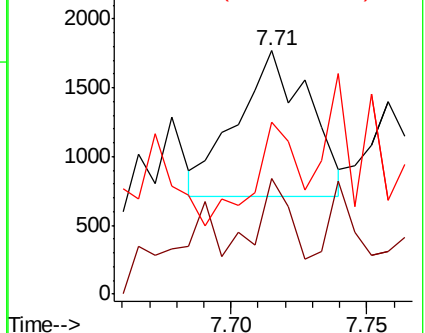
39 61.2 28.9 86.8

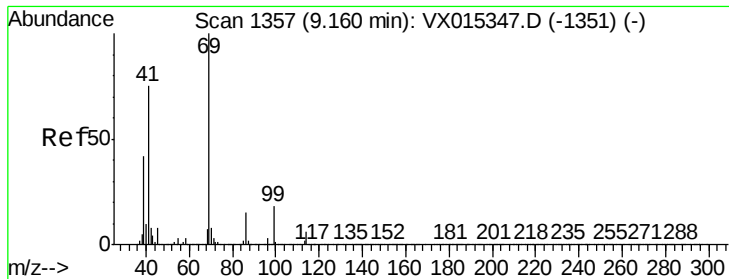


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

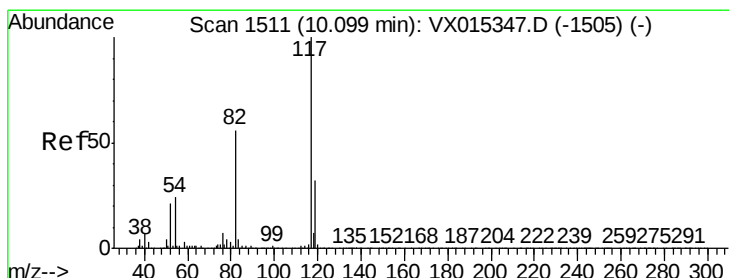
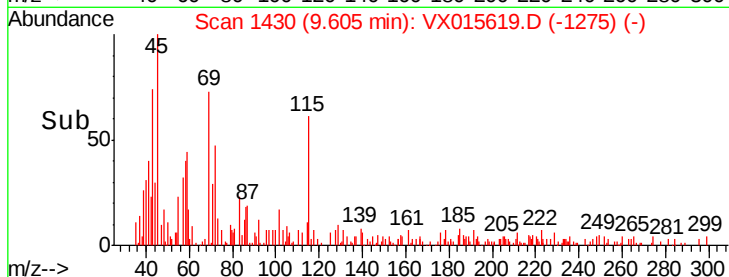
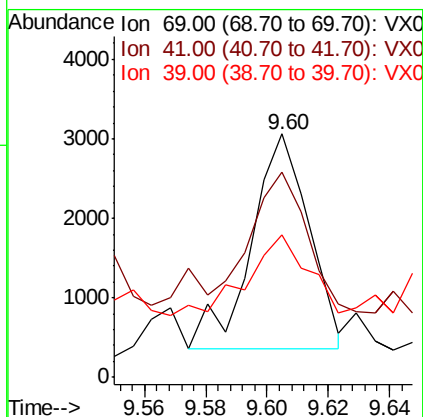
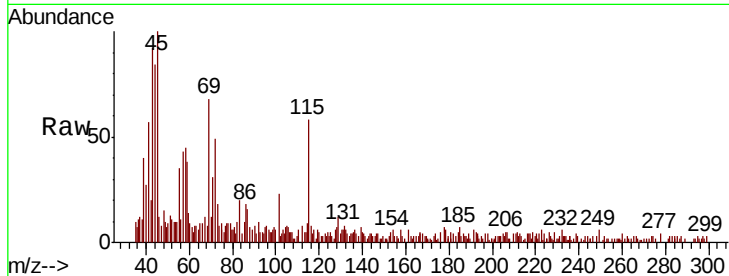




#51
Ethyl methacrylate
Concen: 0.303 ug/l
RT: 9.60 min Scan# 1430
Delta R.T. 0.44 min
Lab File: VX015619.D
Acq: 10 Apr 2020 14:26

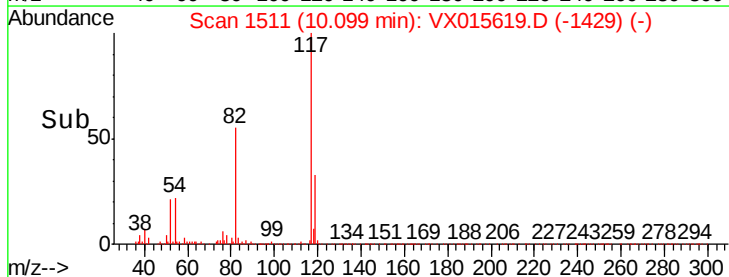
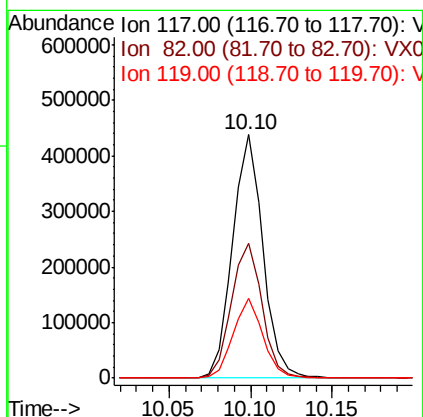
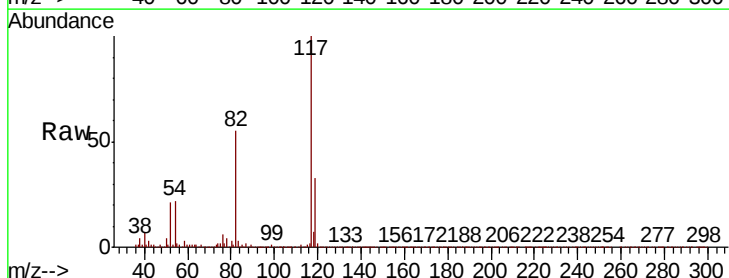
Instrument :
MSVOA_X
ClientSampleId :
400408744.2-VOA

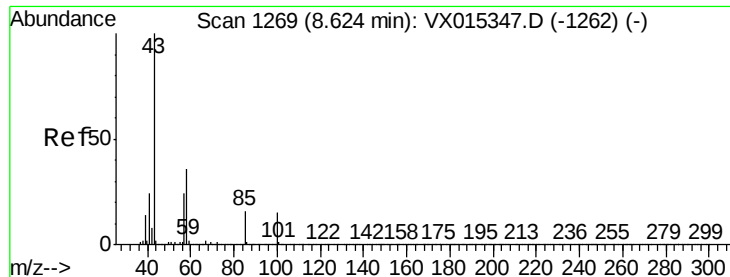
Tot Ion: 69 Resp: 3570
Ion Ratio Lower Upper
69 100
41 61.1 37.4 112.2
39 36.2 21.1 63.1



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015619.D
Acq: 10 Apr 2020 14:26

Tgt Ion: 117 Resp: 568371
Ion Ratio Lower Upper
117 100
82 56.3 45.0 67.6
119 32.0 25.5 38.3

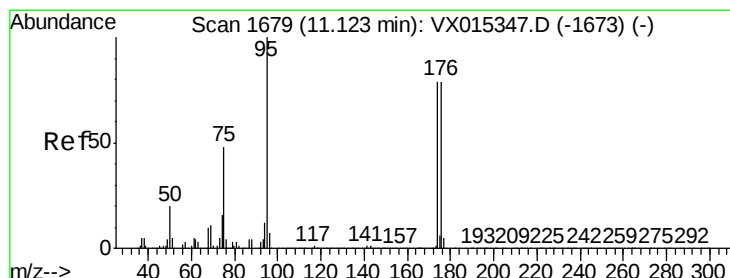
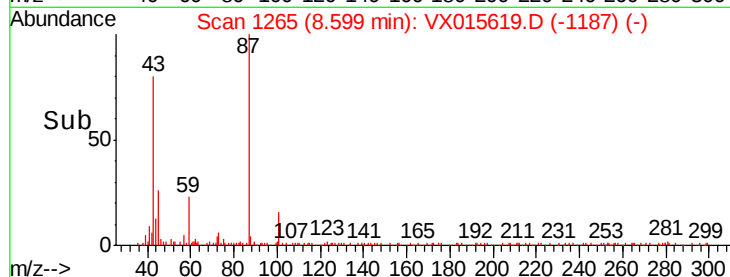
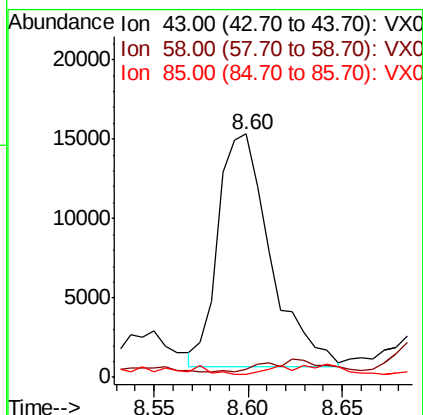
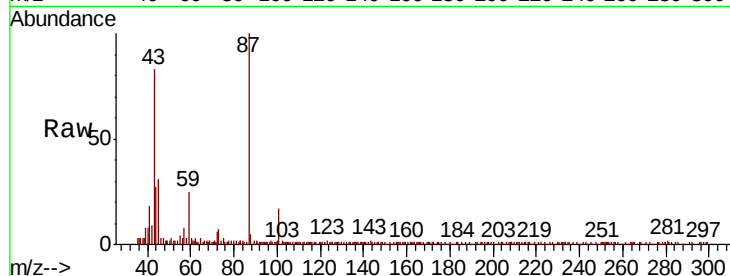




#58
4-Methyl-2-Pentanone
Concen: 2.584 ug/l
RT: 8.60 min Scan# 1265
Delta R.T. -0.02 min
Lab File: VX015619.D
Acq: 10 Apr 2020 14:26

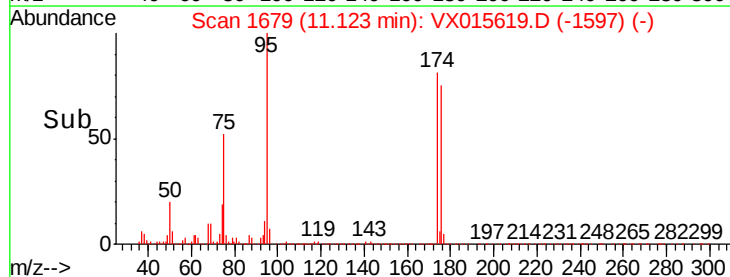
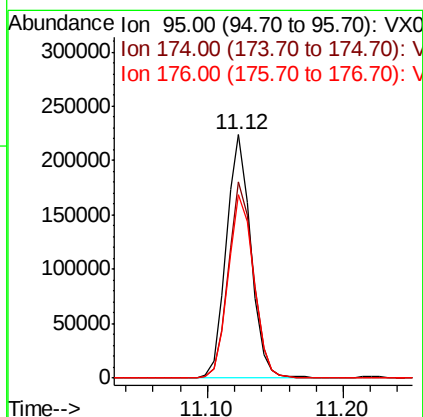
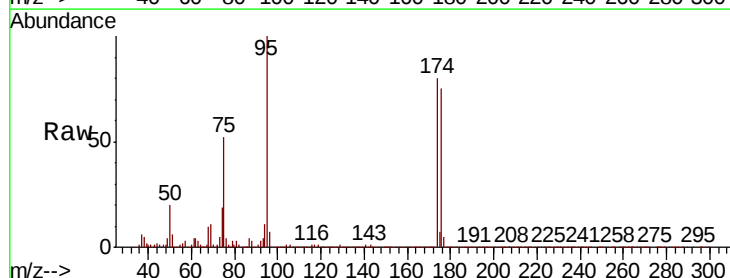
Instrument :
MSVOA_X
ClientSampleId :
400408744.2-VOA

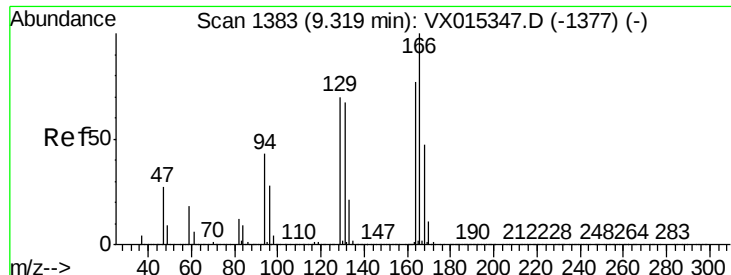
Tot Ion	Ratio	Lower	Upper
43	100		
58	2.0	29.4	44.0#
85	0.0	13.0	19.4#



#60
4-Bromofluorobenzene
Concen: 28.639 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. -0.00 min
Lab File: VX015619.D
Acq: 10 Apr 2020 14:26

Tgt Ion	Ratio	Lower	Upper
95	100		
174	82.3	66.4	99.6
176	78.7	64.1	96.1





#61

Tetrachloroethene

Concen: 0.404 ug/l

RT: 9.32 min Scan# 1383

Delta R.T. -0.00 min

Lab File: VX015619.D

Acq: 10 Apr 2020 14:26

Instrument :

MSVOA_X

ClientSampleId :

400408744.2-VOA

Tot Ion:164 Resp: 2951

Ion Ratio Lower Upper

164 100

166 129.8 103.6 155.4

129 111.0 72.6 108.8#

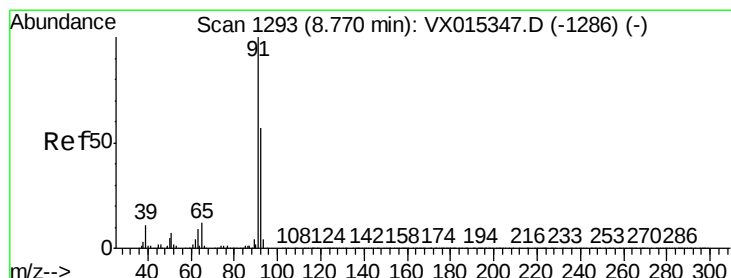
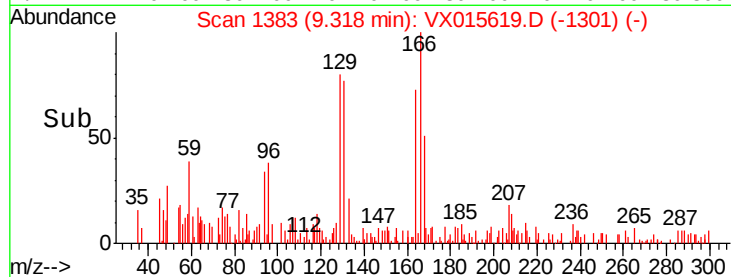
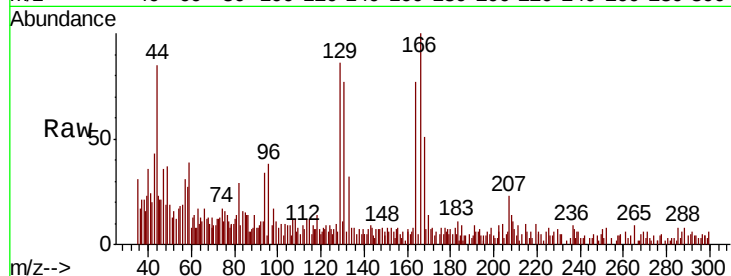
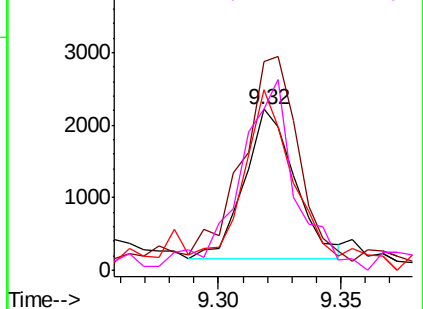
131 101.4 69.8 104.6

Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 1.558 ug/l

RT: 8.76 min Scan# 1292

Delta R.T. -0.01 min

Lab File: VX015619.D

Acq: 10 Apr 2020 14:26

Tgt Ion: 91 Resp: 44840

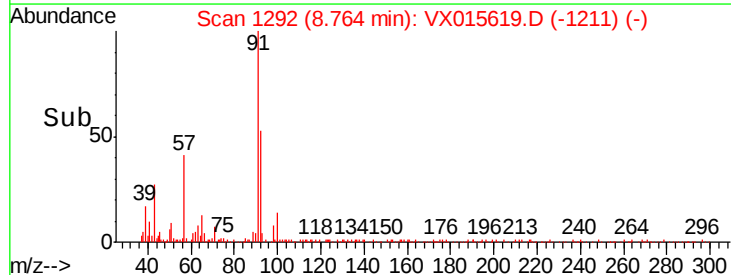
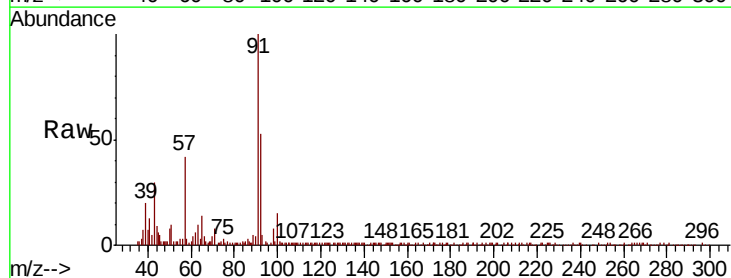
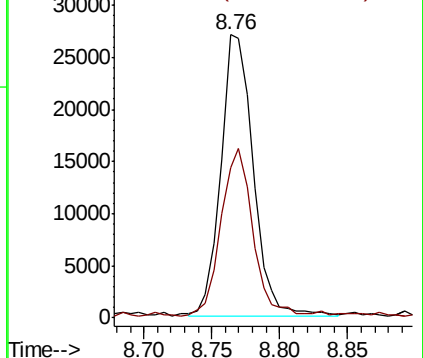
Ion Ratio Lower Upper

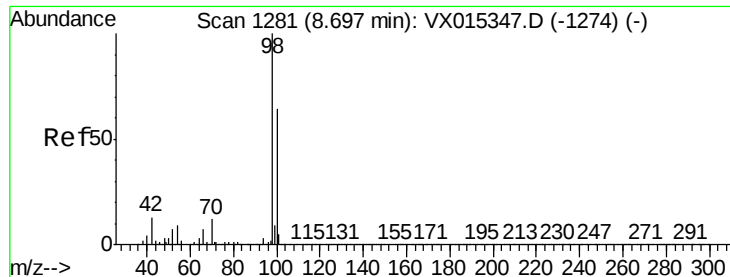
91 100

92 57.4 46.7 70.1

Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.599 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VX015619.D

Acq: 10 Apr 2020 14:26

Instrument :

MSVOA_X

ClientSampleId :

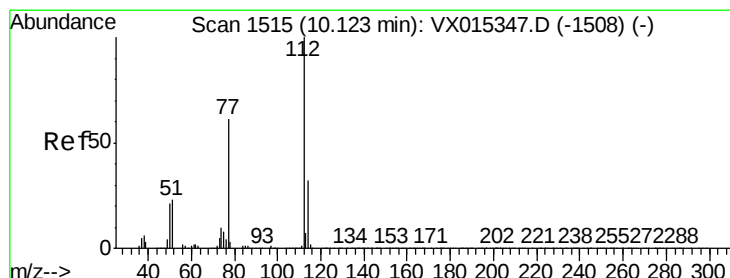
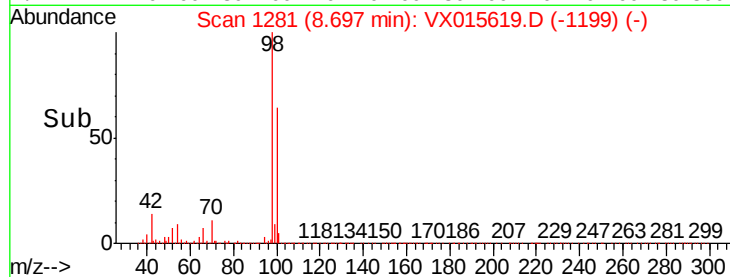
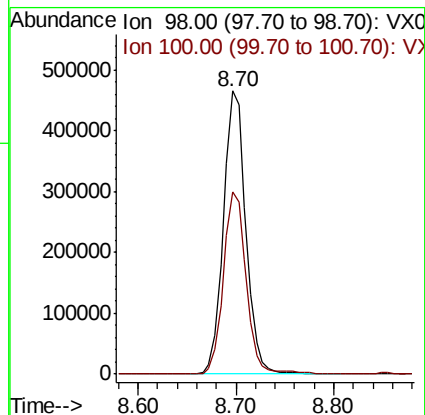
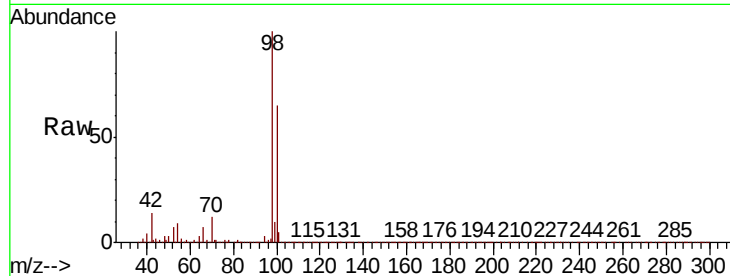
400408744.2-VOA

Tot Ion: 98 Resp: 738898

Ion Ratio Lower Upper

98 100

100 64.6 52.2 78.2



#64

Chlorobenzene

Concen: 13.539 ug/l

RT: 10.12 min Scan# 1515

Delta R.T. -0.00 min

Lab File: VX015619.D

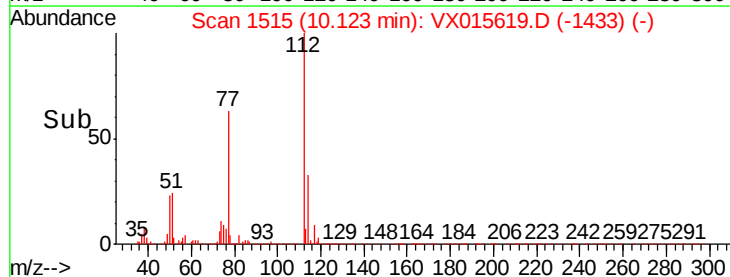
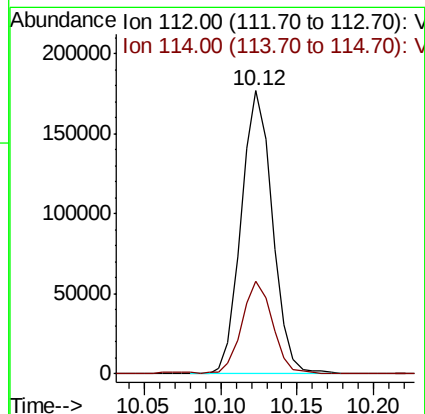
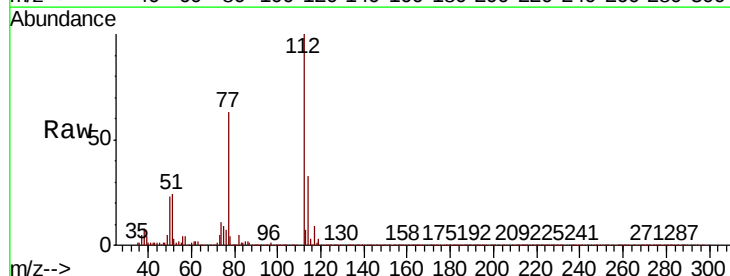
Acq: 10 Apr 2020 14:26

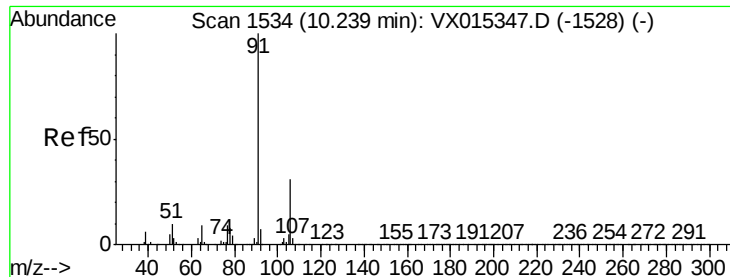
Tgt Ion: 112 Resp: 250598

Ion Ratio Lower Upper

112 100

114 32.8 25.8 38.8





#66

Ethyl Benzene

Concen: 8.874 ug/l

RT: 10.24 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VX015619.D

Acq: 10 Apr 2020 14:26

Instrument :

MSVOA_X

ClientSampleId :

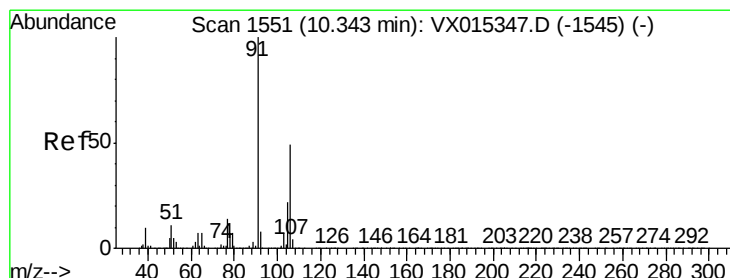
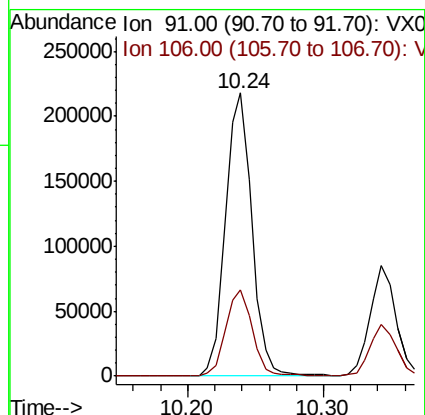
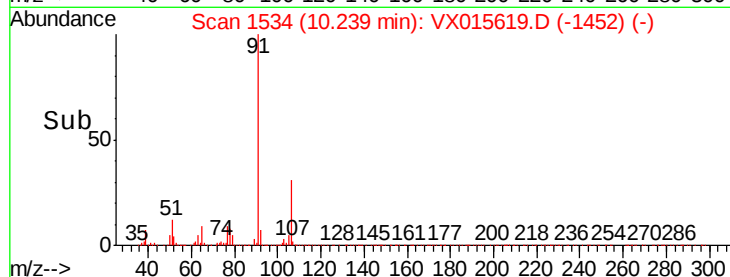
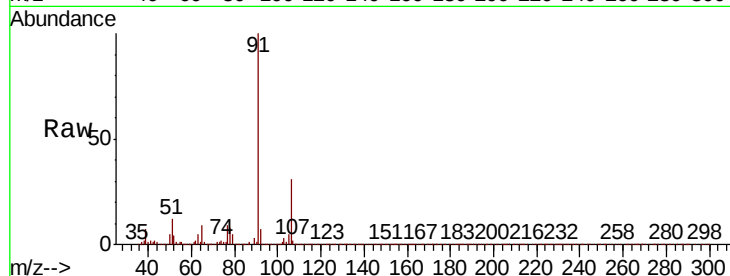
400408744.2-VOA

Tot Ion: 91 Resp: 291835

Ion Ratio Lower Upper

91 100

106 30.7 25.0 37.6



#67

m/p-Xylenes

Concen: 4.368 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. -0.00 min

Lab File: VX015619.D

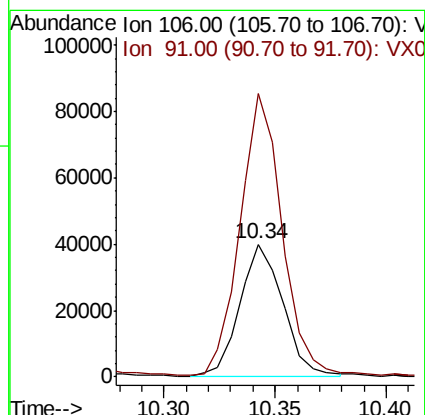
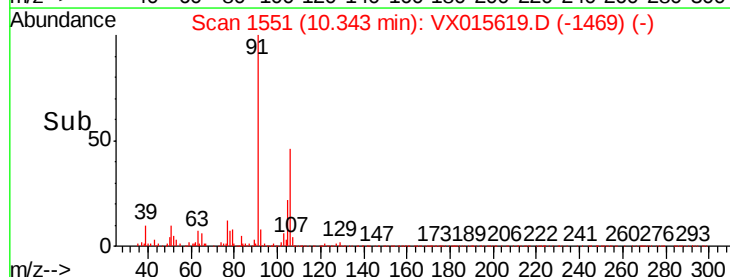
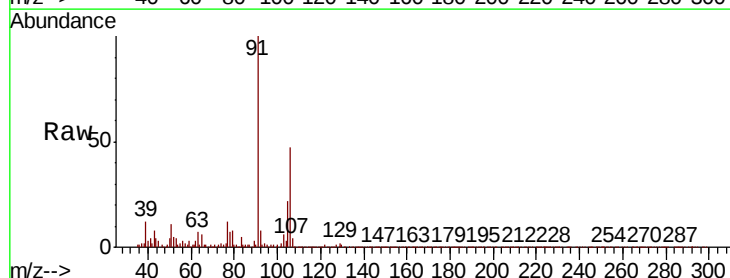
Acq: 10 Apr 2020 14:26

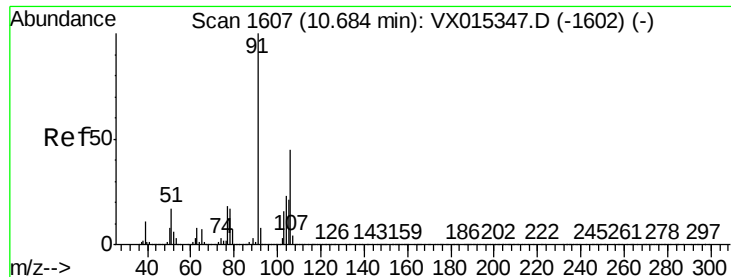
Tgt Ion: 106 Resp: 54377

Ion Ratio Lower Upper

106 100

91 207.4 165.0 247.4

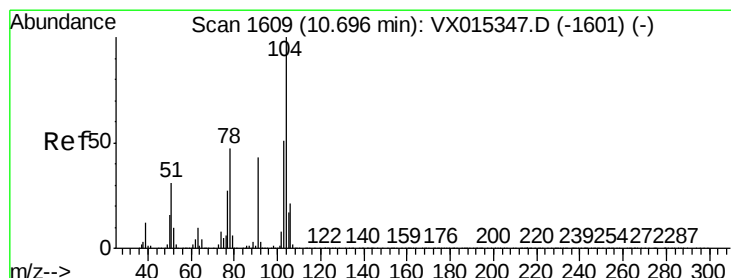
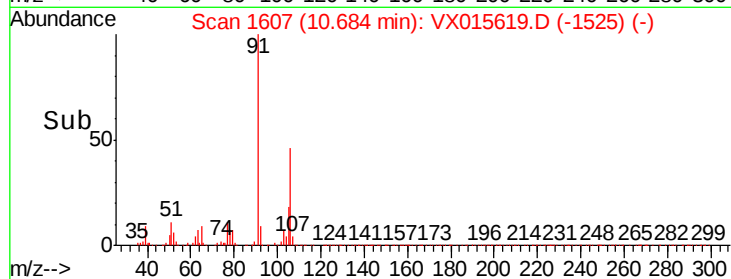
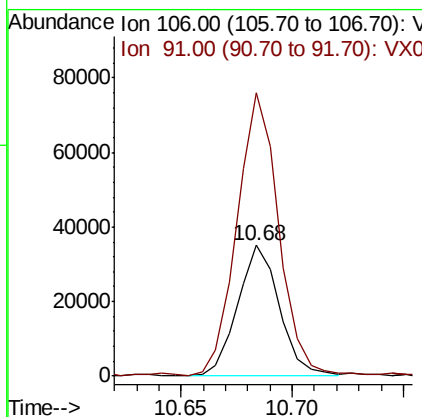
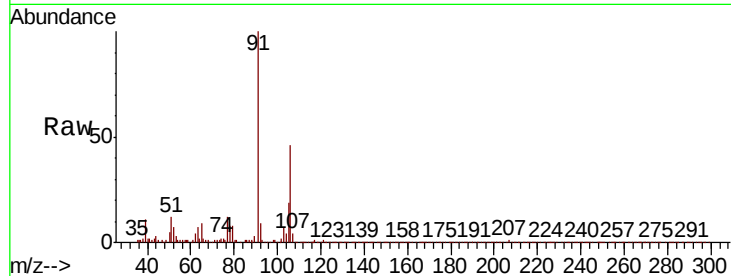




#68
o-Xylene
Concen: 3.725 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. -0.00 min
Lab File: VX015619.D
Acq: 10 Apr 2020 14:26

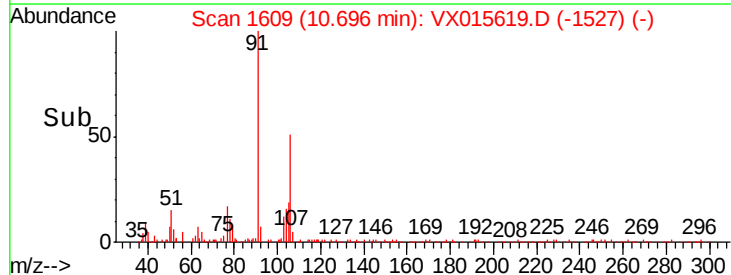
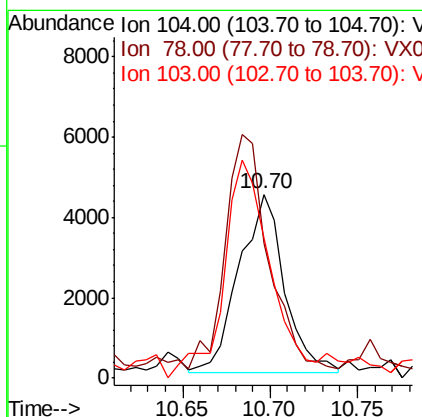
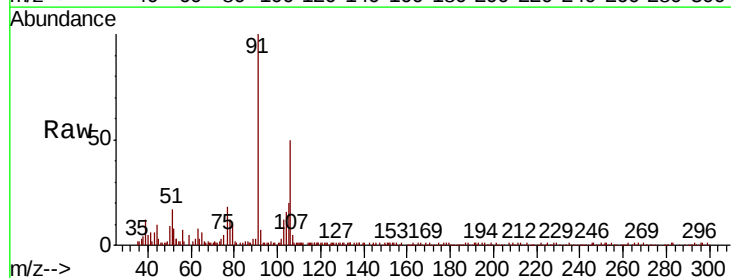
Instrument :
MSVOA_X
ClientSampleId :
400408744.2-VOA

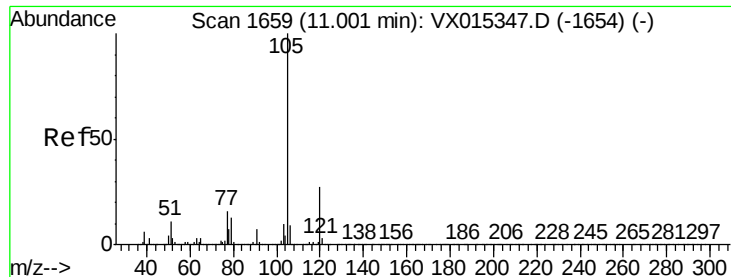
Tot Ion:106 Resp: 45318
Ion Ratio Lower Upper
106 100
91 217.2 109.1 327.2



#69
Styrene
Concen: 0.379 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015619.D
Acq: 10 Apr 2020 14:26

Tgt Ion:104 Resp: 8039
Ion Ratio Lower Upper
104 100
78 122.5 41.5 62.3#
103 105.3 43.4 65.2#





#70

Isopropylbenzene

Concen: 1.535 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX015619.D

Acq: 10 Apr 2020 14:26

Instrument :

MSVOA_X

ClientSampleId :

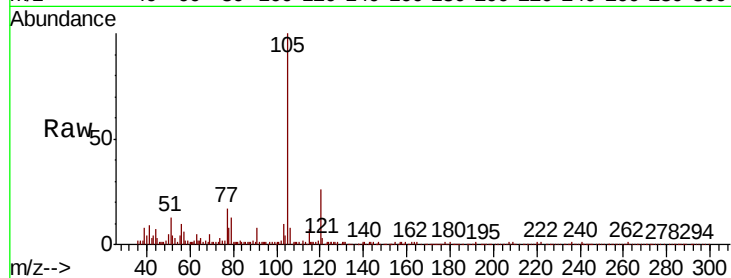
400408744.2-VOA

Tot Ion:105 Resp: 49525

Ion Ratio Lower Upper

105 100

120 24.3 18.8 34.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

40000

30000

20000

10000

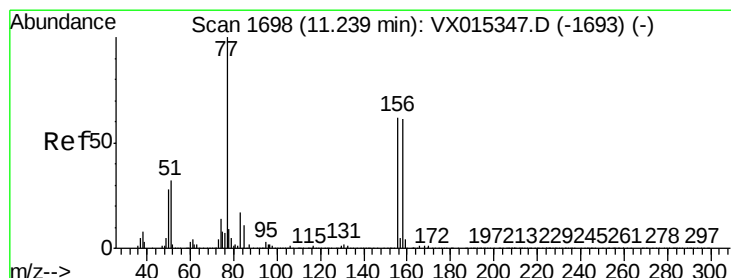
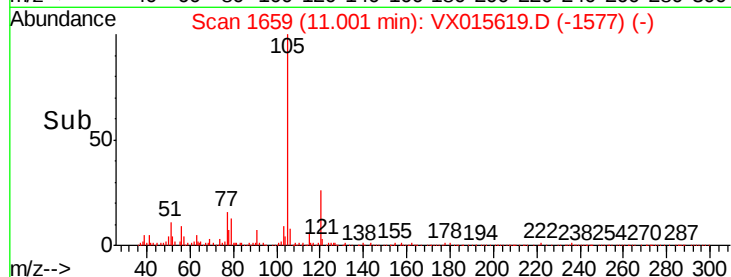
0

10.95

11.00

11.05

Time-->



#73

Bromobenzene

Concen: 0.263 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.01 min

Lab File: VX015619.D

Acq: 10 Apr 2020 14:26

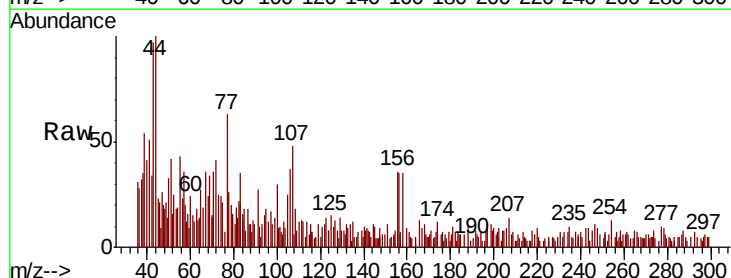
Tgt Ion:156 Resp: 2273

Ion Ratio Lower Upper

156 100

77 62.7 0.0 324.4

158 70.7 0.0 200.0



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V

3000

2500

2000

1500

1000

500

0

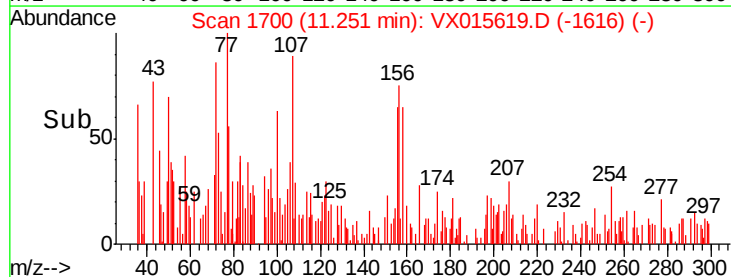
11.20

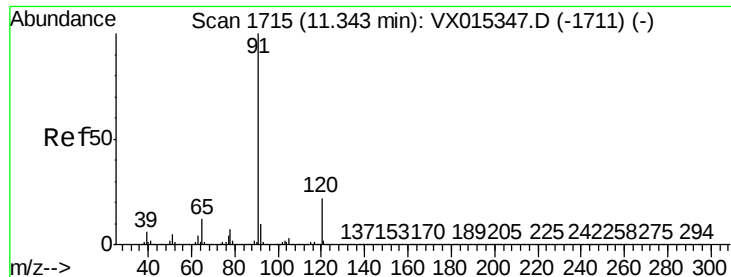
11.22

11.24

11.26

Time-->





#74

n-propylbenzene

Concen: 0.935 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. -0.00 min

Lab File: VX015619.D

Acq: 10 Apr 2020 14:26

Instrument :

MSVOA_X

ClientSampleId :

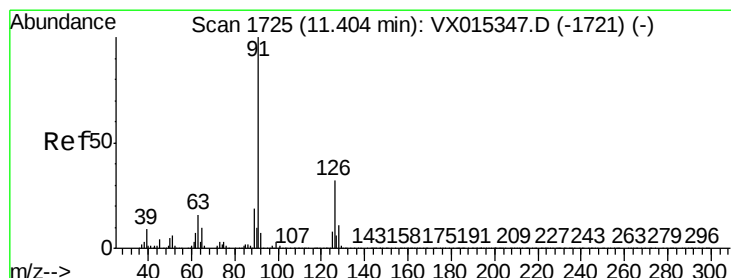
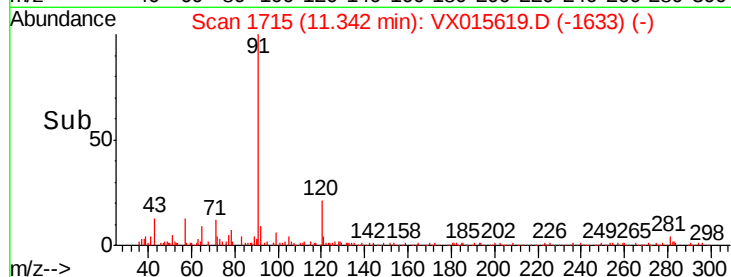
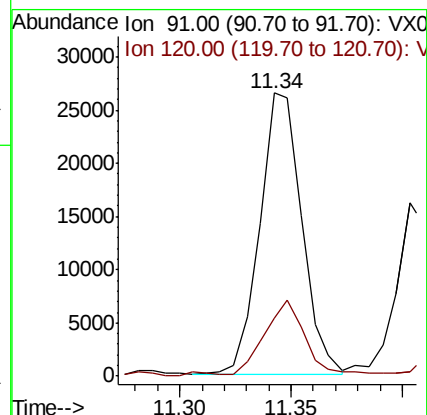
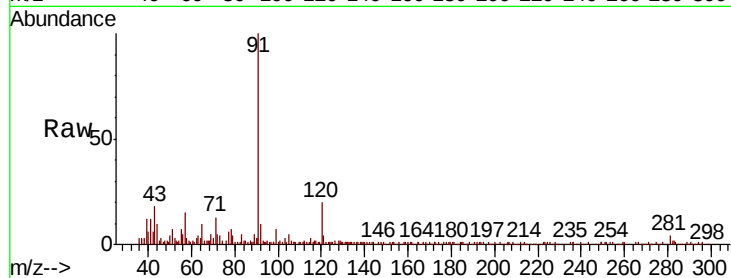
400408744.2-VOA

Tot Ion: 91 Resp: 34596

Ion Ratio Lower Upper

91 100

120 24.6 0.0 46.2



#75

2-Chlorotoluene

Concen: 0.982 ug/l

RT: 11.40 min Scan# 1725

Delta R.T. -0.00 min

Lab File: VX015619.D

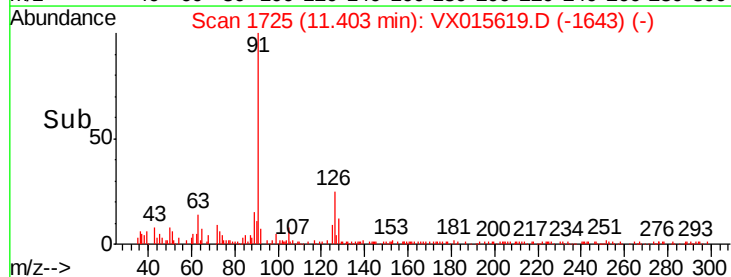
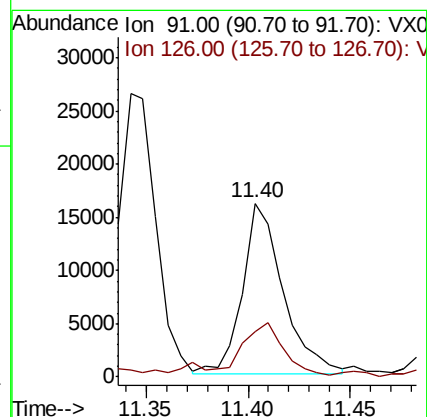
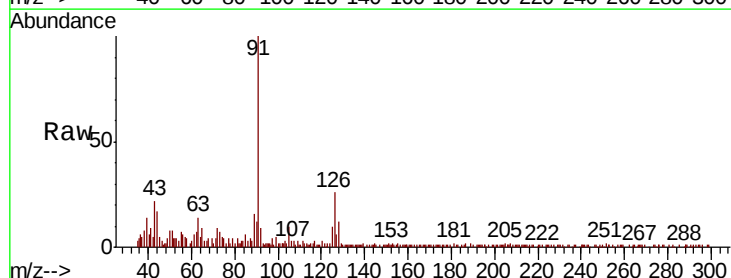
Acq: 10 Apr 2020 14:26

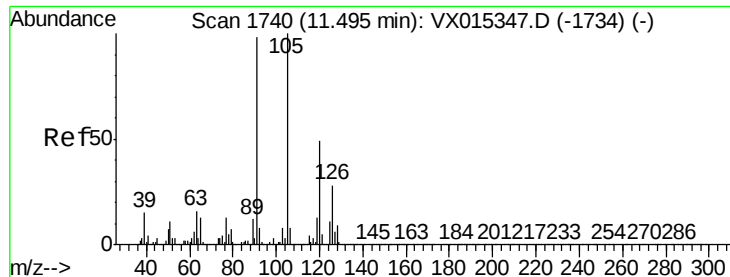
Tgt Ion: 91 Resp: 22102

Ion Ratio Lower Upper

91 100

126 28.7 0.0 65.2

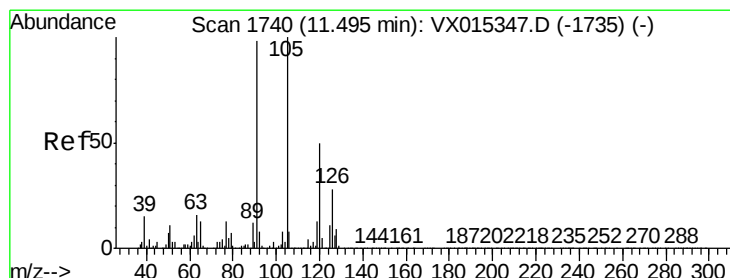
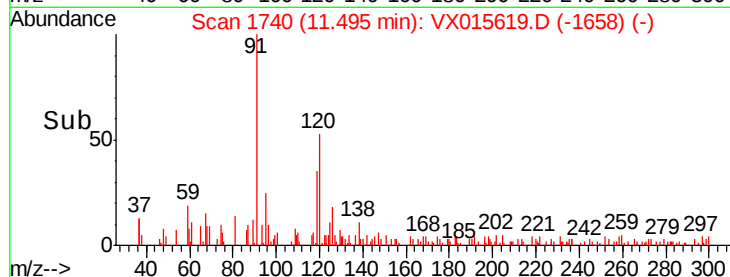
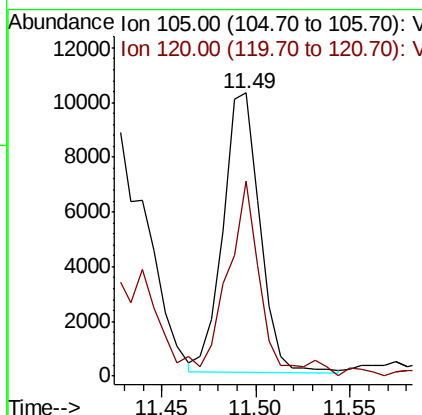
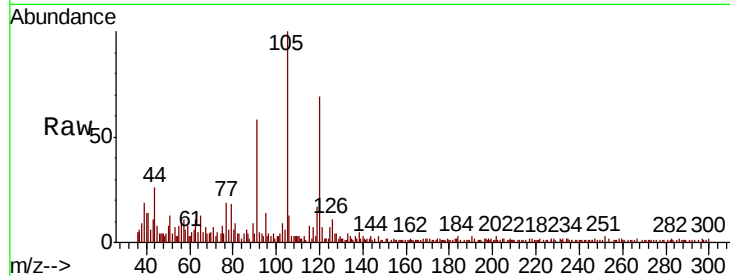




#76
 1,3,5-Trimethylbenzene
 Concen: 0.501 ug/l
 RT: 11.49 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: VX015619.D
 Acq: 10 Apr 2020 14:26

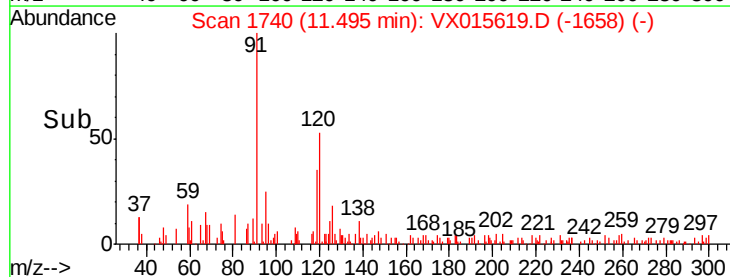
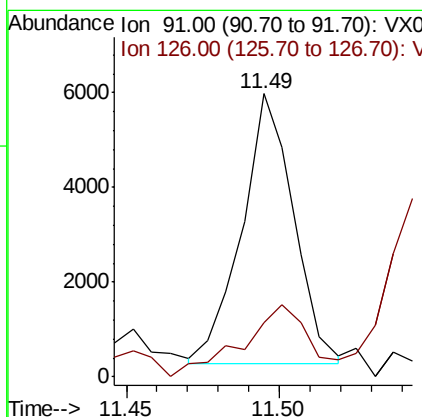
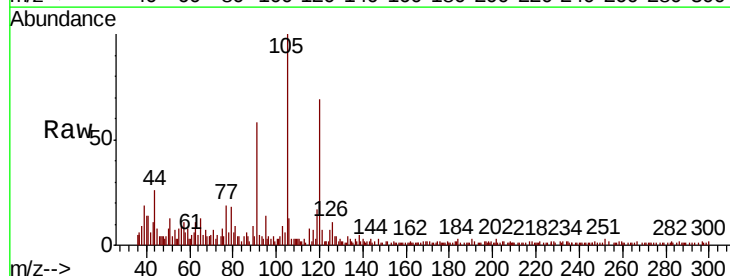
Instrument :
 MSVOA_X
 ClientSampled :
 400408744.2-VOA

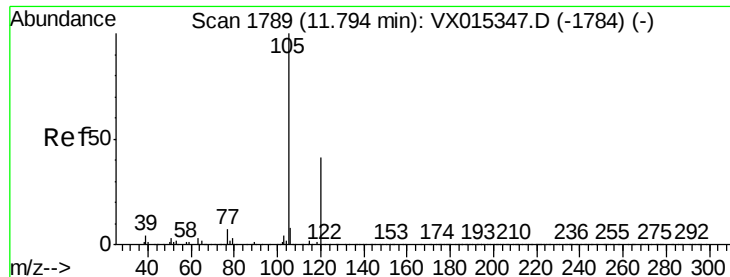
Tot Ion: 105 Resp: 13884
 Ion Ratio Lower Upper
 105 100
 120 55.1 0.0 98.0



#78
 4-Chlorotoluene
 Concen: 0.257 ug/l
 RT: 11.49 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: VX015619.D
 Acq: 10 Apr 2020 14:26

Tgt Ion: 91 Resp: 6702
 Ion Ratio Lower Upper
 91 100
 126 35.0 0.0 57.8

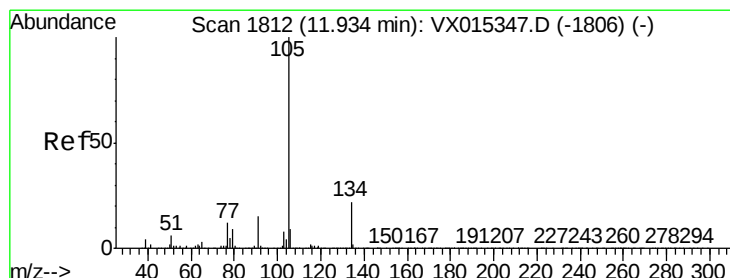
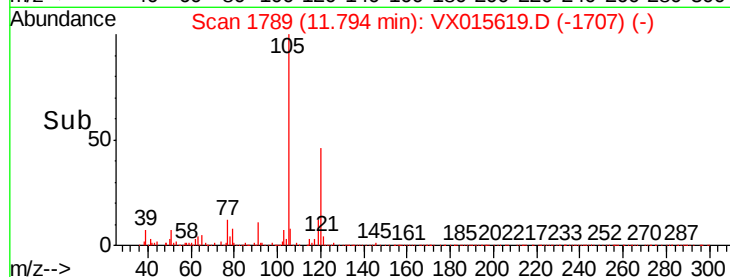
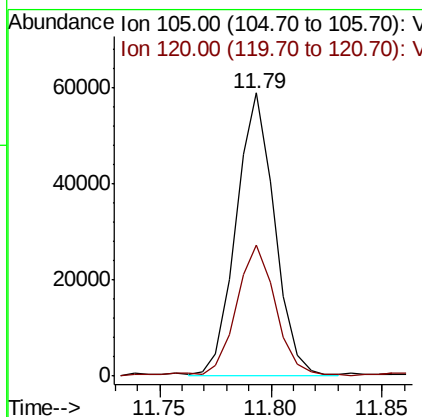
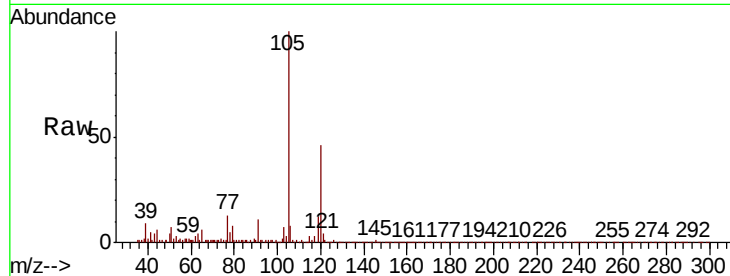




#80
 1,2,4-Trimethylbenzene
 Concen: 2.514 ug/l
 RT: 11.79 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX015619.D
 Acq: 10 Apr 2020 14:26

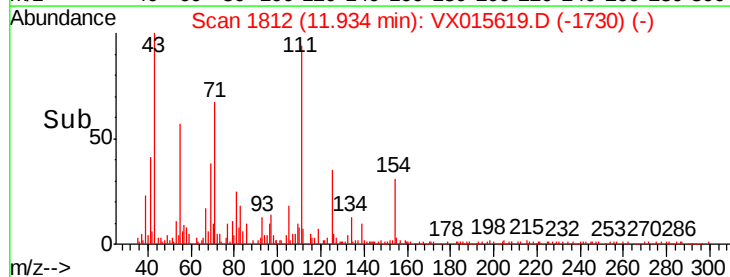
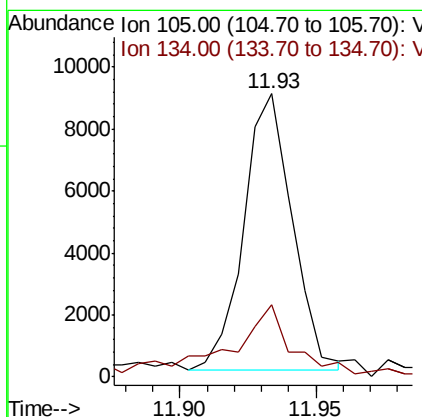
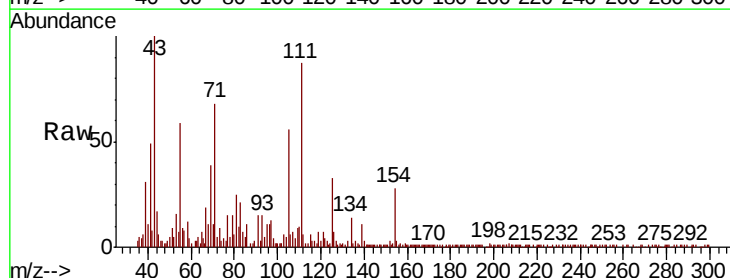
Instrument :
 MSVOA_X
 ClientSampleId :
 400408744.2-VOA

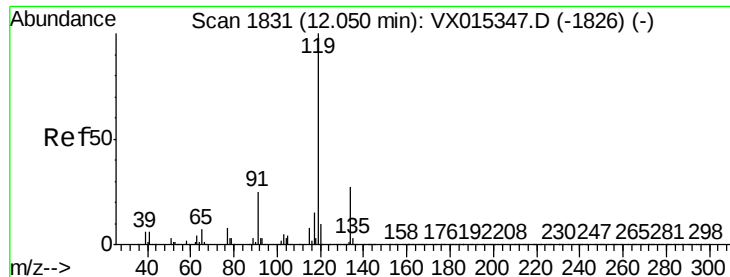
Tot Ion:105 Resp: 70541
 Ion Ratio Lower Upper
 105 100
 120 47.2 0.0 91.0



#81
 sec-Butylbenzene
 Concen: 0.345 ug/l
 RT: 11.93 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VX015619.D
 Acq: 10 Apr 2020 14:26

Tgt Ion:105 Resp: 10951
 Ion Ratio Lower Upper
 105 100
 134 28.2 0.0 41.6

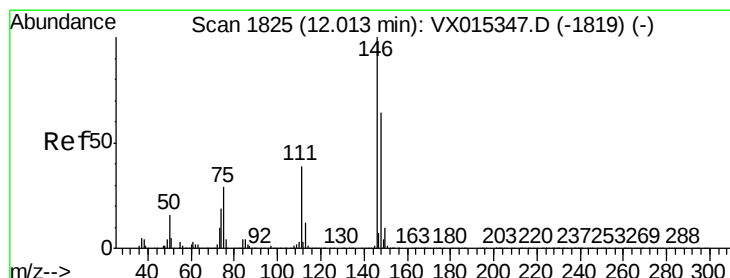
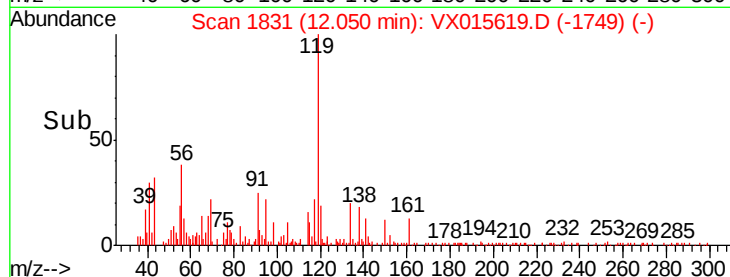
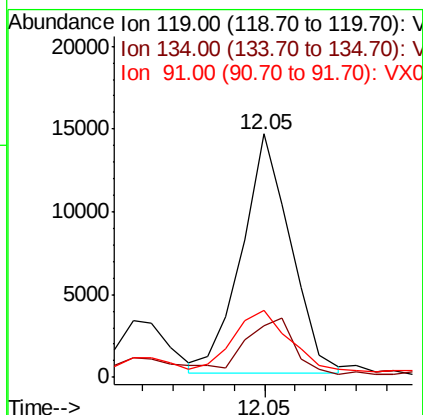
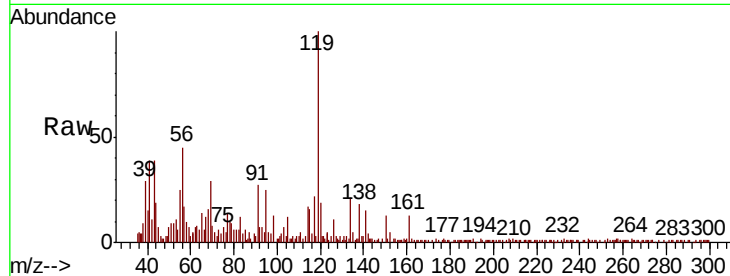




#82
p-Isopropyltoluene
Concen: 0.534 ug/l
RT: 12.05 min Scan# 1831
Delta R.T. -0.00 min
Lab File: VX015619.D
Acq: 10 Apr 2020 14:26

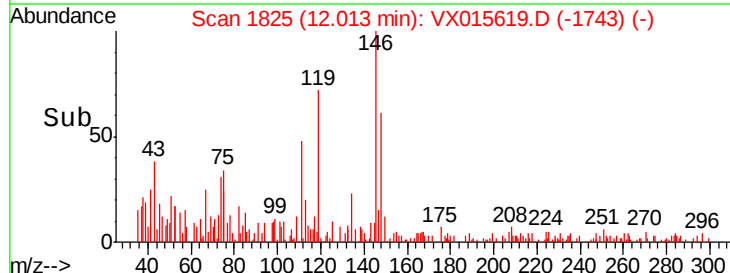
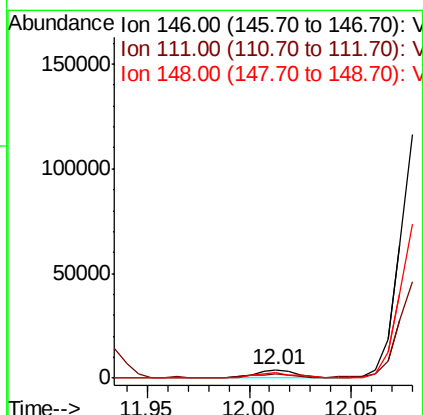
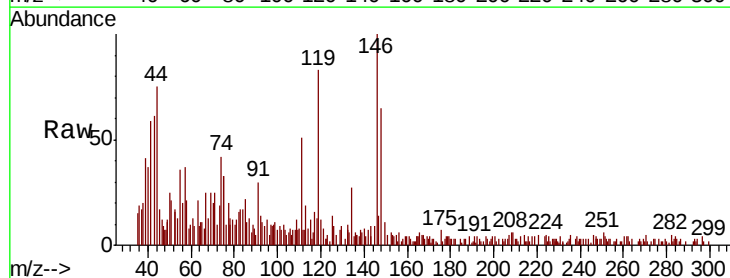
Instrument :
MSVOA_X
ClientSampleId :
400408744.2-VOA

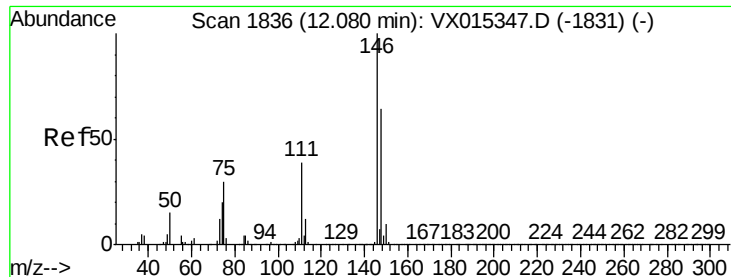
Tot Ion	Ratio	Lower	Upper
119	100		
134	21.8	0.0	53.2
91	29.4	0.0	48.2



#83
1,3-Dichlorobenzene
Concen: 0.376 ug/l
RT: 12.01 min Scan# 1825
Delta R.T. -0.00 min
Lab File: VX015619.D
Acq: 10 Apr 2020 14:26

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.2	20.1	60.2
148	71.7	31.4	94.2

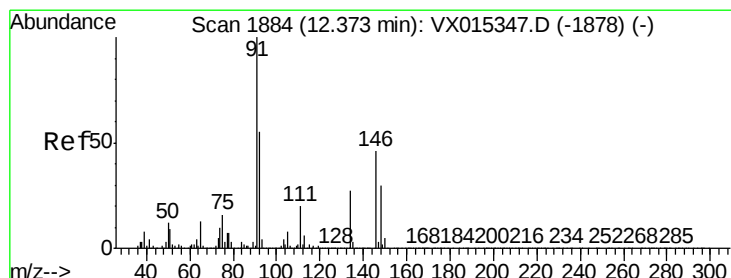
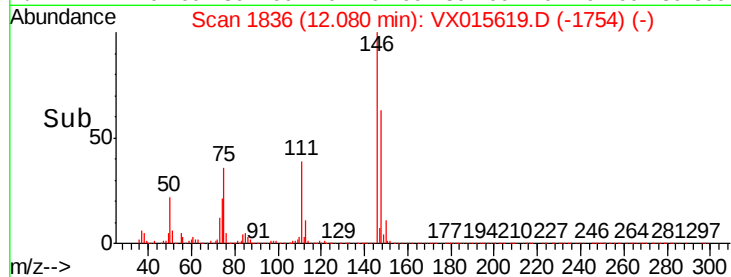
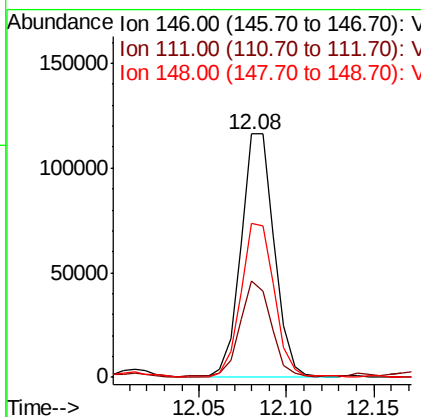
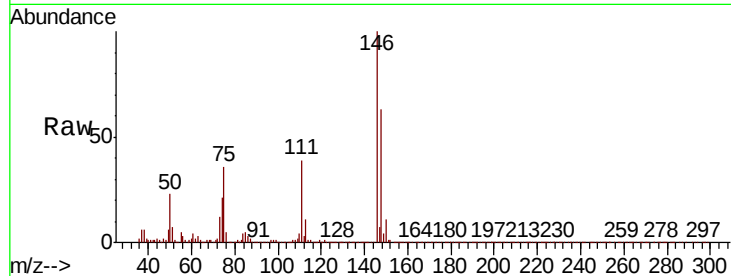




#84
 1,4-Dichlorobenzene
 Concen: 9.884 ug/l
 RT: 12.08 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: VX015619.D
 Acq: 10 Apr 2020 14:26

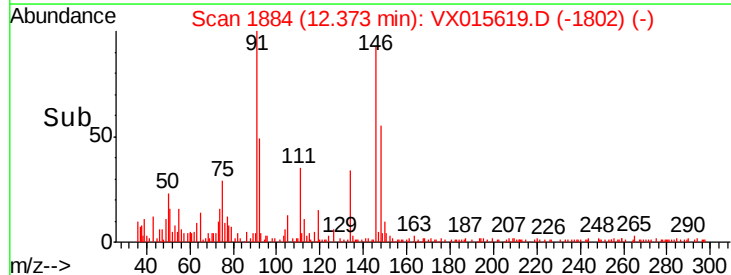
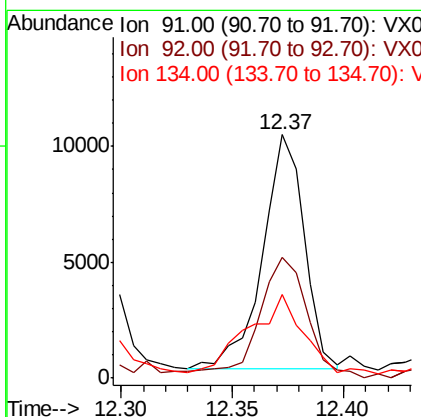
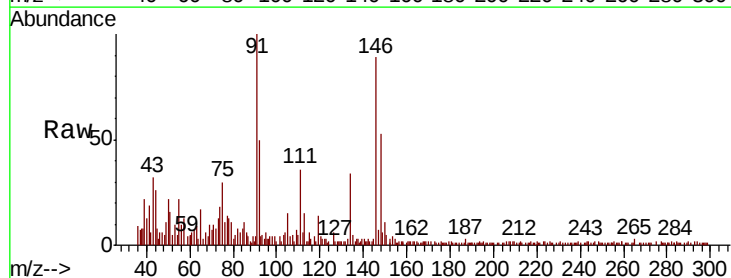
Instrument :
 MSVOA_X
 ClientSampleId :
 400408744.2-VOA

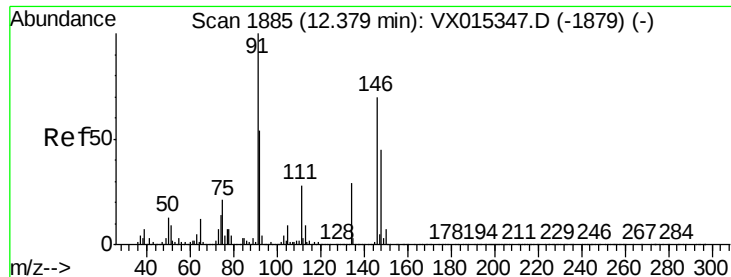
Tot Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.9	56.9
148	63.1	31.4	94.3



#85
 n-Butylbenzene
 Concen: 0.491 ug/l
 RT: 12.37 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VX015619.D
 Acq: 10 Apr 2020 14:26

Tgt Ion	Ratio	Lower	Upper
91	100		
92	63.2	0.0	109.0
134	43.4	0.0	54.0

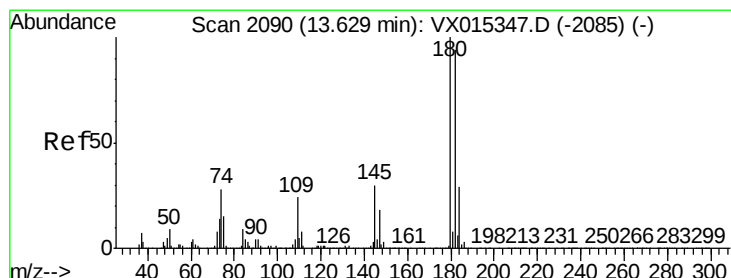
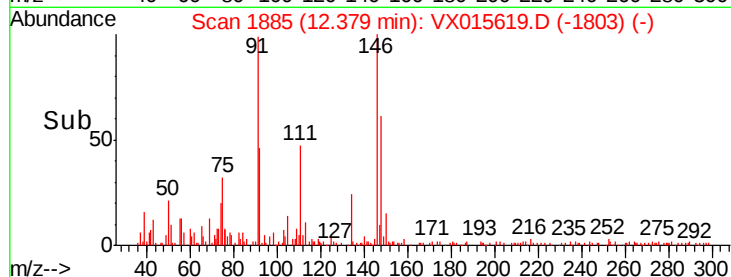
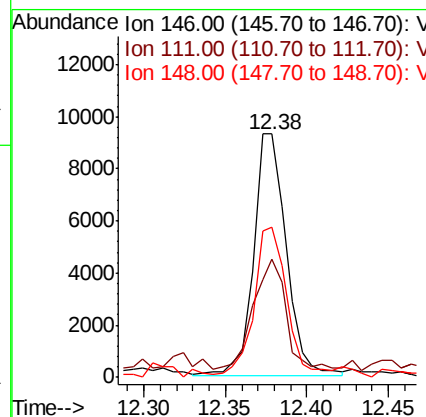
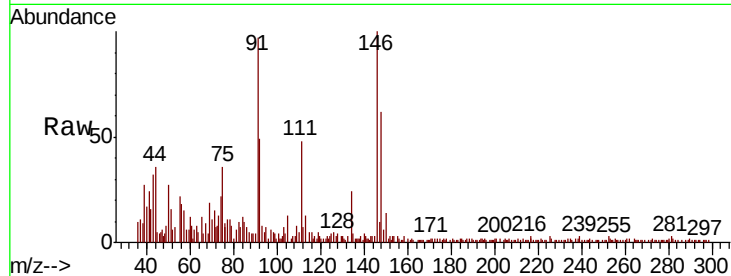




#87
 1,2-Dichlorobenzene
 Concen: 0.860 ug/l
 RT: 12.38 min Scan# 1885
 Delta R.T. -0.00 min
 Lab File: VX015619.D
 Acq: 10 Apr 2020 14:26

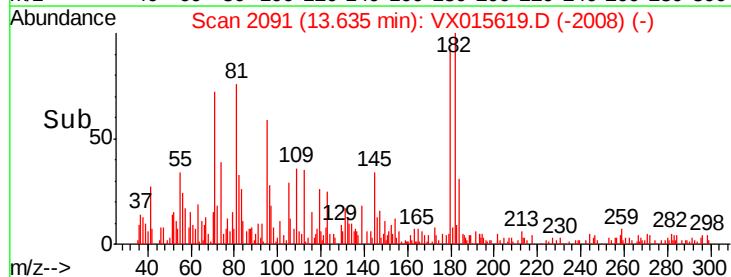
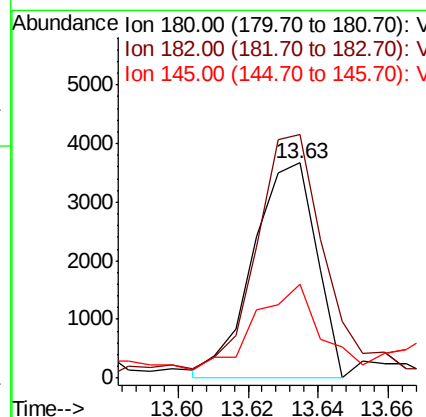
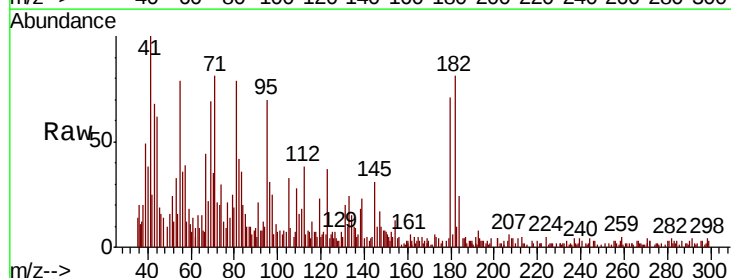
Instrument :
 MSVOA_X
 ClientSampleId :
 400408744.2-VOA

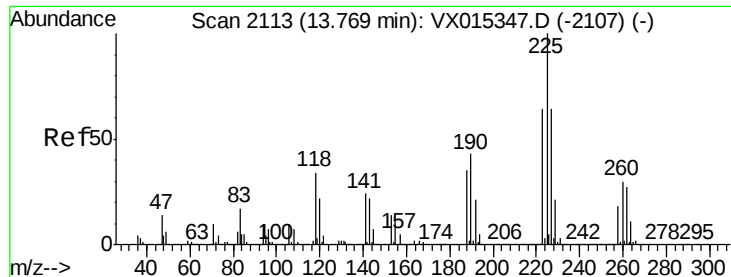
Tot Ion	Ratio	Lower	Upper
146	100		
111	44.4	20.4	61.2
148	58.7	31.9	95.9



#89
 1,2,4-Trichlorobenzene
 Concen: 0.377 ug/l
 RT: 13.63 min Scan# 2091
 Delta R.T. 0.01 min
 Lab File: VX015619.D
 Acq: 10 Apr 2020 14:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	113.9	76.9	115.3
145	45.7	24.3	36.5#

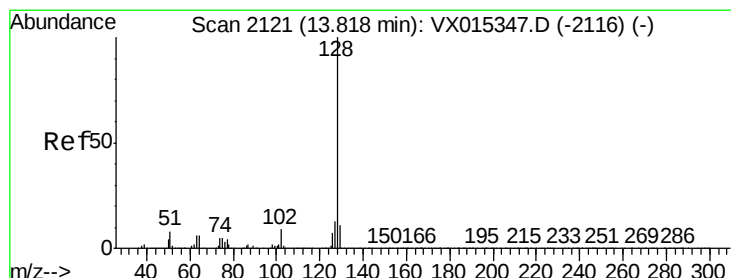
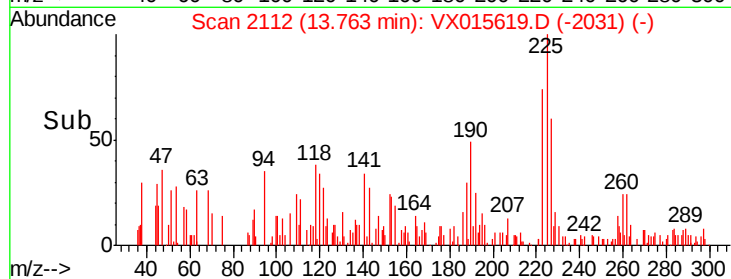
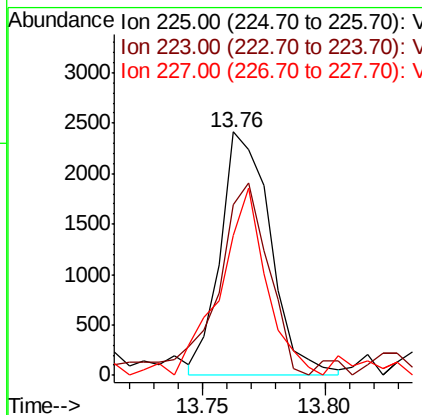
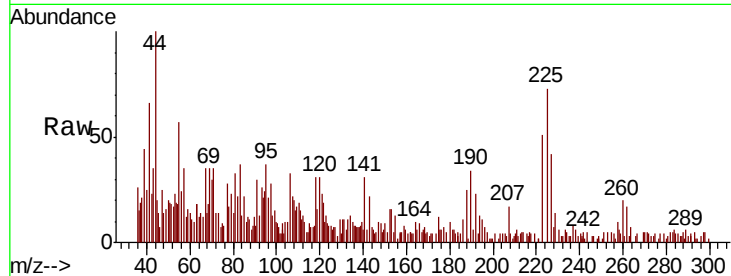




#90
Hexachlorobutadiene
Concen: 0.534 ug/l
RT: 13.76 min Scan# 2112
Delta R.T. -0.01 min
Lab File: VX015619.D
Acq: 10 Apr 2020 14:26

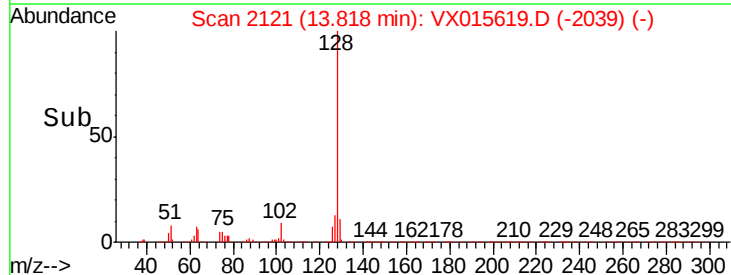
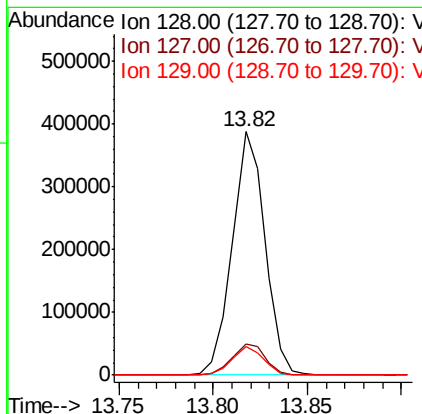
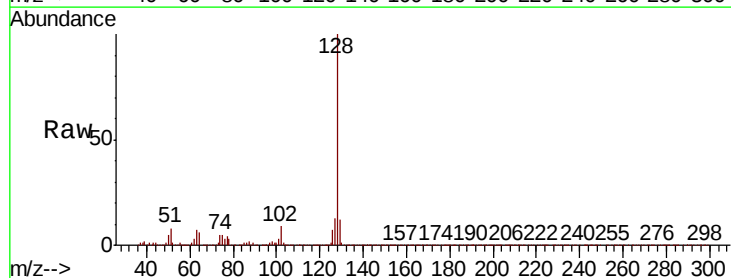
Instrument :
MSVOA_X
ClientSampleId :
400408744.2-VOA

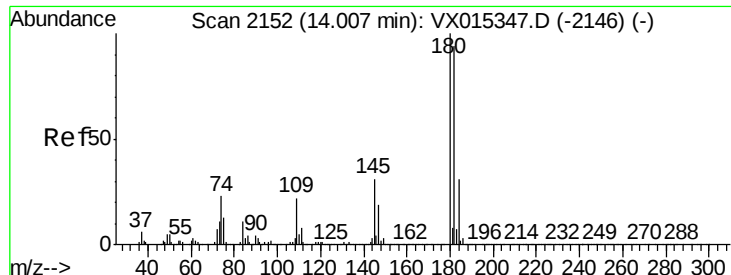
Tot Ion:225 Resp: 3439
Ion Ratio Lower Upper
225 100
223 78.3 0.0 127.0
227 70.9 0.0 126.8



#91
Naphthalene
Concen: 13.190 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. -0.00 min
Lab File: VX015619.D
Acq: 10 Apr 2020 14:26

Tgt Ion:128 Resp: 467332
Ion Ratio Lower Upper
128 100
127 13.3 10.3 15.5
129 11.2 8.9 13.3

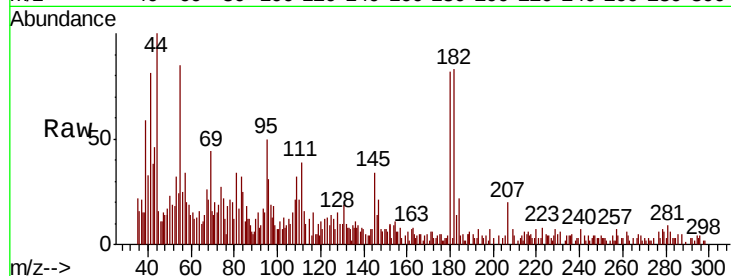




#92
 1,2,3-Trichlorobenzene
 Concen: 0.311 ug/l
 RT: 14.01 min Scan# 2152
 Delta R.T. -0.00 min
 Lab File: VX015619.D
 Acq: 10 Apr 2020 14:26

Instrument :
 MSVOA_X
 ClientSampleId :
 400408744.2-VOA

Tot Ion	Ratio	Lower	Upper
180	100		
182	89.2	0.0	191.0
145	48.7	0.0	62.2



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

