

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL033021\
 Data File : VL036586.D
 Acq On : 31 Mar 2021 1:51
 Operator : SY/AP
 Sample : M1797-10
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

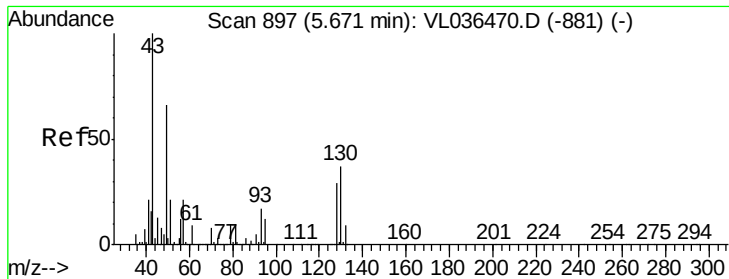
Quant Time: Mar 31 05:18:55 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 25 09:42:40 2021
 QLast Update : Thu Mar 25 09:42:40 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1329809	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	3212390	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.07	117	2821008	10.00	ppbv	-0.03

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.40	95	2293425	10.20	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.03	85	49449	0.228	ppbv	89
3) Chlorodifluoromethane	2.98	51	51608	0.208	ppbv	93
4) Chloromethane	3.13	50	17383	0.198	ppbv #	78
7) Chloroethane	3.54	64	863	0.028	ppbv #	42
9) Propene	3.00	41	36006	0.455	ppbv	91
10) Heptane	8.11	43	18845	0.093	ppbv #	73
11) Trichlorofluoromethane	3.94	101	58510	0.265	ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.47	101	4504	0.032	ppbv #	1
13) Ethanol	3.60	45	1536032	162.849	ppbv	93
15) Acetone	3.84	43	1922414	14.688	ppbv	100
16) 1,3-Butadiene	3.29	39	9703	0.106	ppbv #	13
17) tert-Butyl alcohol	4.29	59	7695	0.068	ppbv #	72
19) Isopropyl Alcohol	3.98	45	63495	0.882	ppbv #	89
20) Methylene Chloride	4.33	84	2237949	36.520	ppbv	93
23) Vinyl Acetate	5.07	43	8062	0.036	ppbv #	77
25) Ethyl Acetate	5.67	43	2994888	9.625	ppbv #	77
26) Hexane	5.67	57	4005224	27.737	ppbv #	47
27) Carbon Disulfide	4.54	76	47567	0.334	ppbv #	64
29) Chloroform	5.73	83	18209	0.079	ppbv	84
30) Cyclohexane	7.10	84	2529	0.022	ppbv #	1
32) 1,1,1-Trichloroethane	6.50	97	54556	0.234	ppbv #	29
34) 2-Butanone	5.24	43	113040	0.721	ppbv	97
35) Carbon Tetrachloride	7.00	117	6705	0.027	ppbv #	73
36) Benzene	6.88	78	51699	0.174	ppbv #	88
39) 1,2-Dichloropropane	7.16	63	860795	7.162	ppbv #	24
40) 1,4-Dioxane	7.83	88	4046	0.145	ppbv #	1
41) Tetrahydrofuran	5.67	42	1616855	22.363	ppbv #	54
44) 2,2,4-Trimethylpentane	7.86	57	11390	0.022	ppbv #	40
52) Tetrachloroethene	11.20	164	97405	0.893	ppbv	96
53) Toluene	9.79	91	81363	0.258	ppbv	92
58) Ethyl Benzene	12.70	91	17068	0.042	ppbv	90
59) m/p-Xylene	12.98	91	8193	0.023	ppbv #	32
60) o-Xylene	13.67	91	7248	0.021	ppbv #	31
64) n-propylbenzene	15.76	120	3099	0.027	ppbv	85
69) p-Isopropyltoluene	17.63	119	23043	0.052	ppbv #	46
70) n-Butylbenzene	18.54	91	27372	0.059	ppbv #	27
73) 1,3,5-Trimethylbenzene	15.98	105	10951	0.031	ppbv #	56
74) 1,2,4-Trimethylbenzene	16.74	105	74058	0.195	ppbv #	61

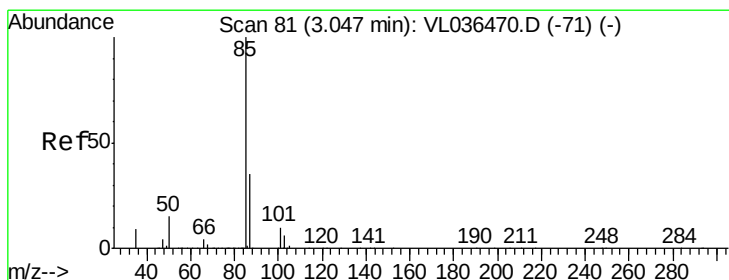
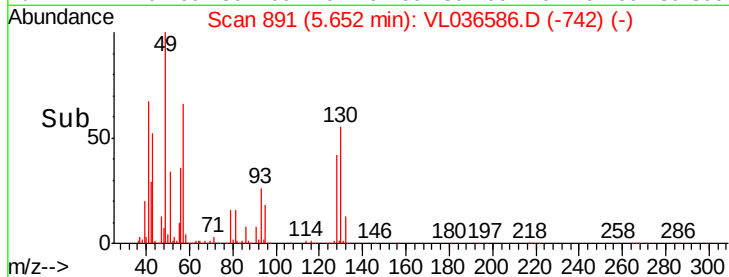
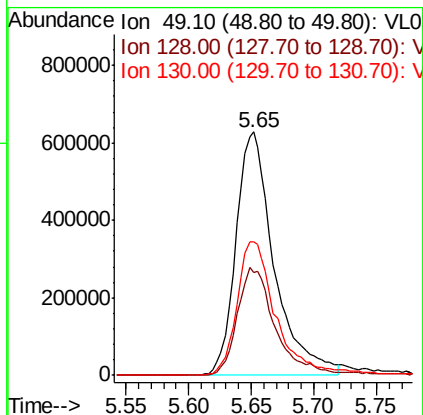
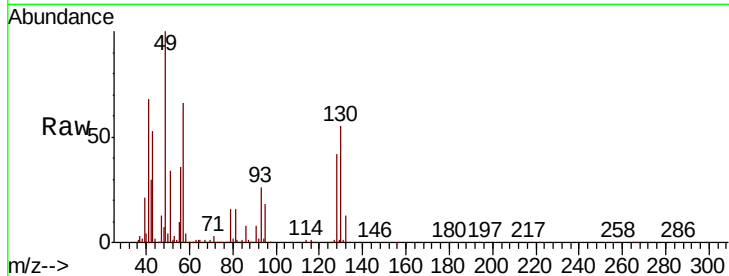
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.65 min Scan# 891
 Delta R.T. -0.02 min
 Lab File: VL036586.D
 Acq: 31 Mar 2021 1:51

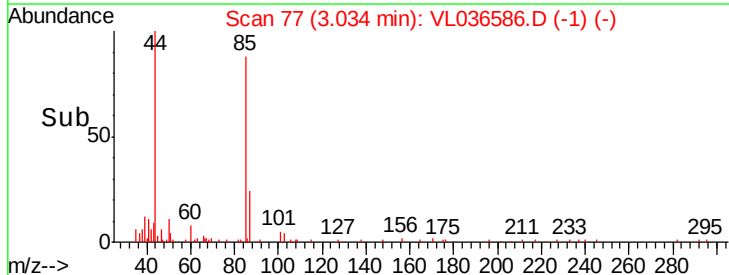
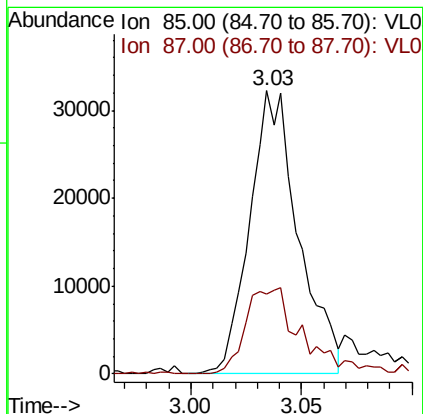
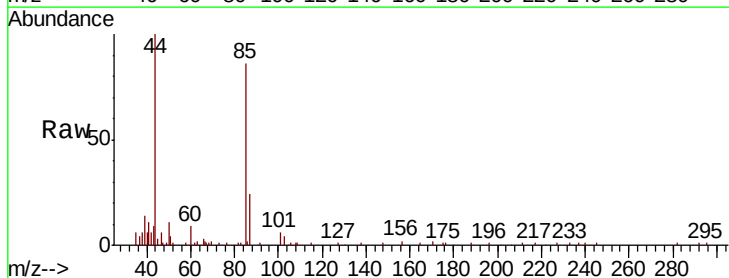
Instrument :
 MSVOA_L
 ClientSampleId :

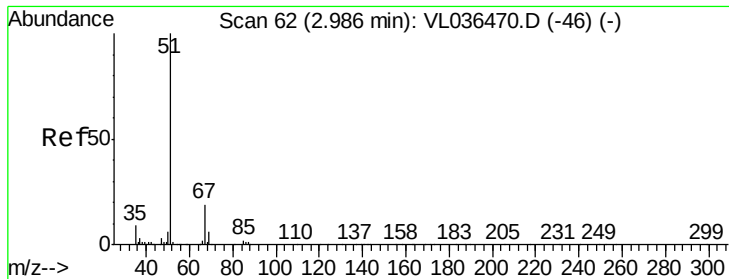
Tot Ion: 49 Resp: 1329809
 Ion Ratio Lower Upper
 49 100
 128 45.3 23.5 70.6
 130 57.5 29.1 87.4



#2
 Dichlorodifluoromethane
 Concen: 0.228 ppbv
 RT: 3.03 min Scan# 77
 Delta R.T. -0.01 min
 Lab File: VL036586.D
 Acq: 31 Mar 2021 1:51

Tgt Ion: 85 Resp: 49449
 Ion Ratio Lower Upper
 85 100
 87 28.3 27.8 41.8





#3

Chlorodifluoromethane

Concen: 0.208 ppbv

RT: 2.98 min Scan# 59

Delta R.T. -0.01 min

Lab File: VL036586.D

Acq: 31 Mar 2021 1:51

Instrument :

MSVOA_L

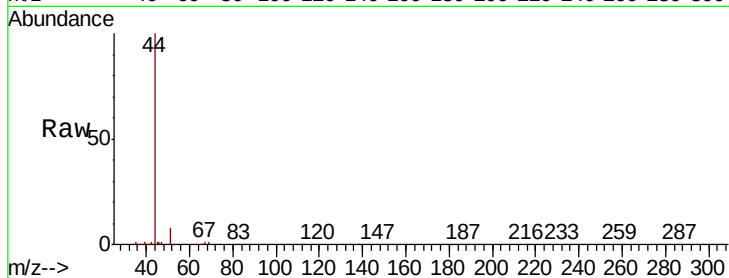
ClientSampleId :

Tot Ion: 51 Resp: 51608

Ion Ratio Lower Upper

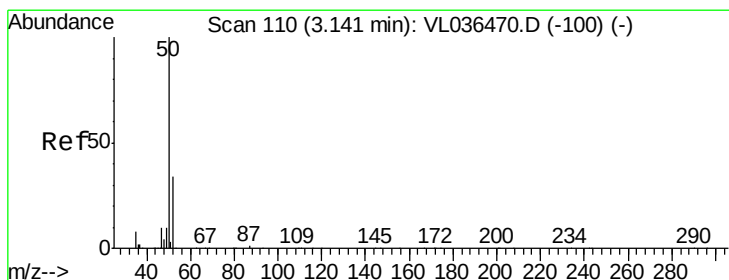
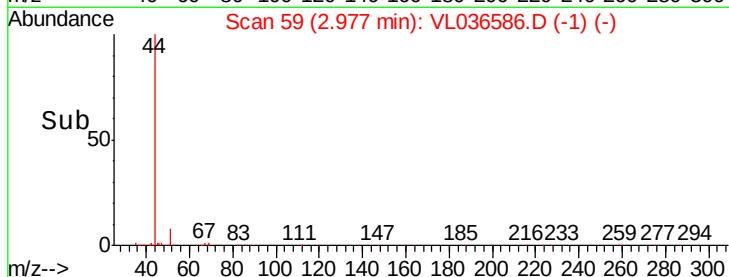
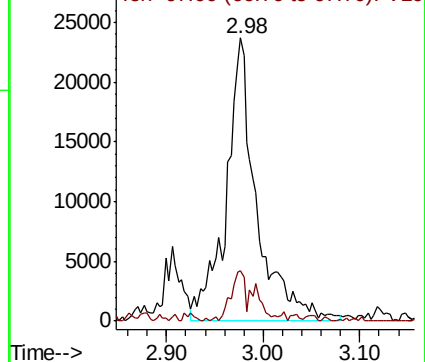
51 100

67 15.3 14.7 22.1



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 0.198 ppbv

RT: 3.13 min Scan# 106

Delta R.T. -0.01 min

Lab File: VL036586.D

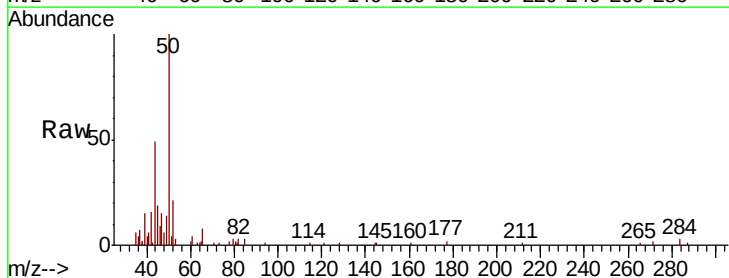
Acq: 31 Mar 2021 1:51

Tgt Ion: 50 Resp: 17383

Ion Ratio Lower Upper

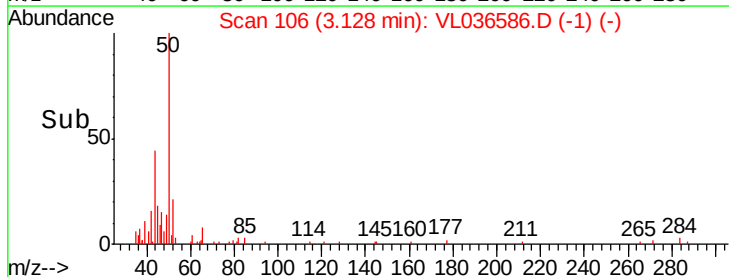
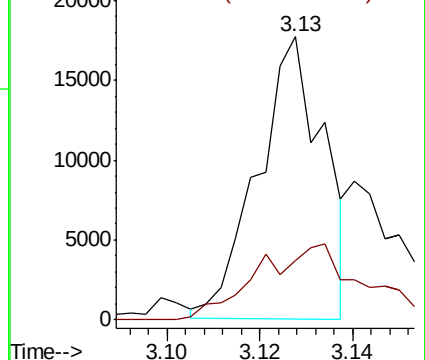
50 100

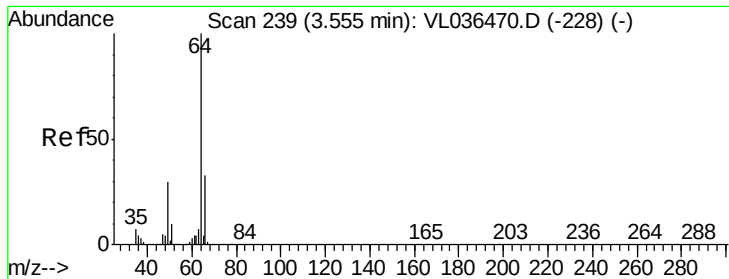
52 21.0 27.0 40.6#



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#7

Chloroethane

Concen: 0.028 ppbv

RT: 3.54 min Scan# 235

Delta R.T. -0.01 min

Lab File: VL036586.D

Acq: 31 Mar 2021 1:51

Instrument :

MSVOA_L

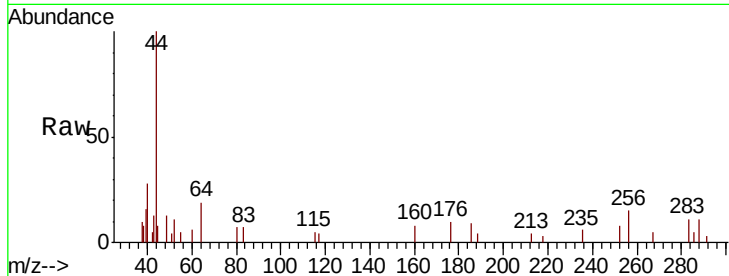
ClientSampleId :

Tot Ion: 64 Resp: 863

Ion Ratio Lower Upper

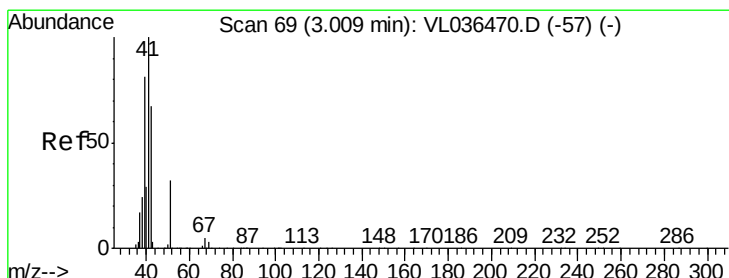
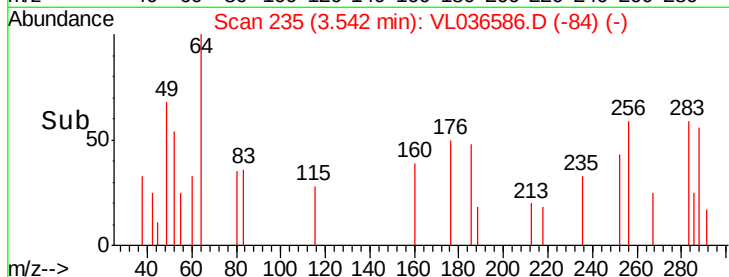
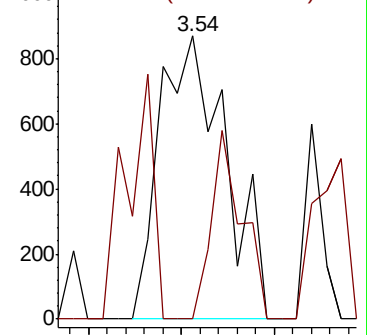
64 100

66 0.0 26.2 39.2#



Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0



#9

Propene

Concen: 0.455 ppbv

RT: 3.00 min Scan# 67

Delta R.T. -0.01 min

Lab File: VL036586.D

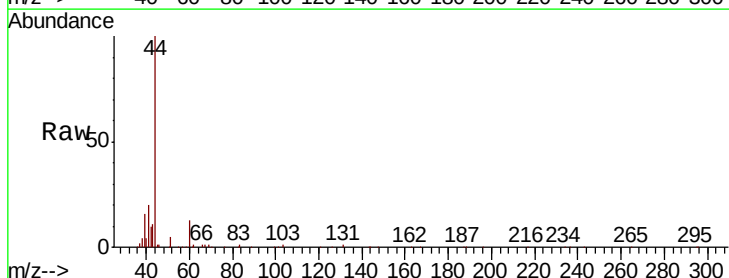
Acq: 31 Mar 2021 1:51

Tgt Ion: 41 Resp: 36006

Ion Ratio Lower Upper

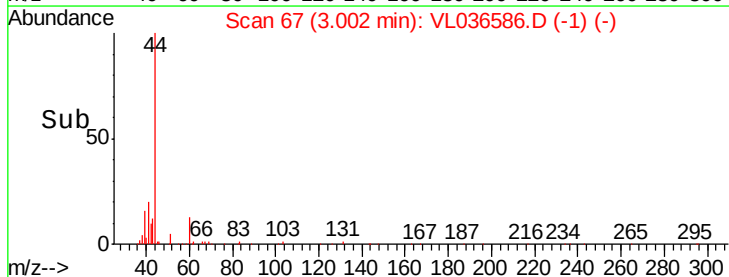
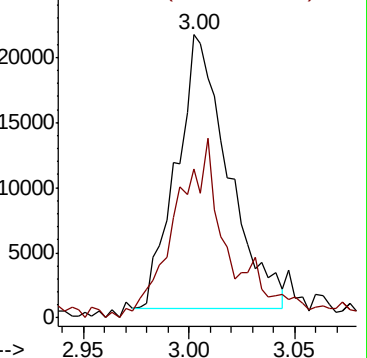
41 100

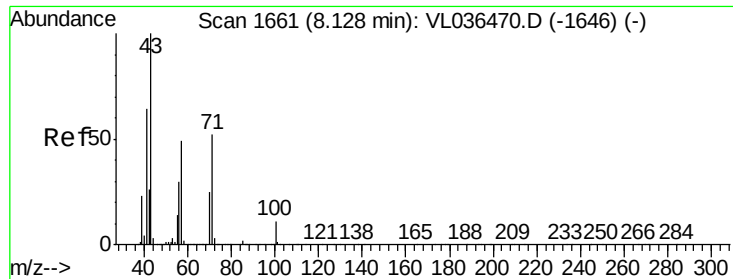
42 63.5 57.0 85.4



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





#10

Heptane

Concen: 0.093 ppbv

RT: 8.11 min Scan# 1655

Delta R.T. -0.02 min

Lab File: VL036586.D

Acq: 31 Mar 2021 1:51

Instrument :

MSVOA_L

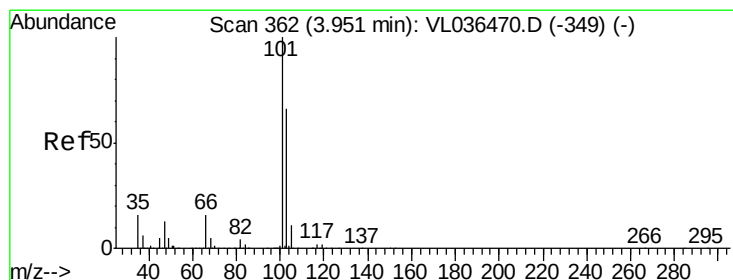
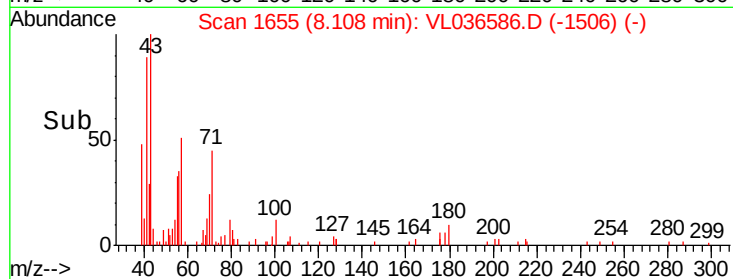
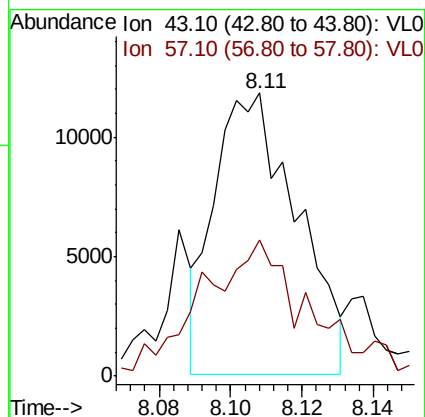
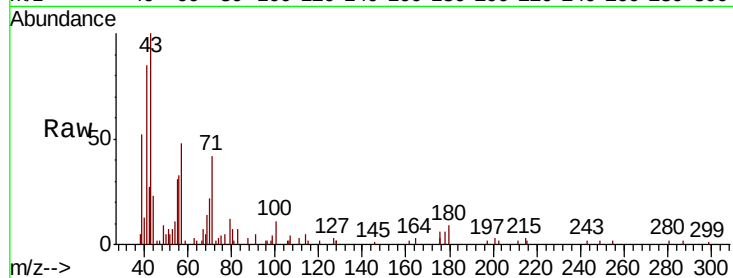
ClientSampleId :

Tot Ion: 43 Resp: 18845

Ion Ratio Lower Upper

43 100

57 67.0 39.0 58.6#



#11

Trichlorofluoromethane

Concen: 0.265 ppbv

RT: 3.94 min Scan# 358

Delta R.T. -0.01 min

Lab File: VL036586.D

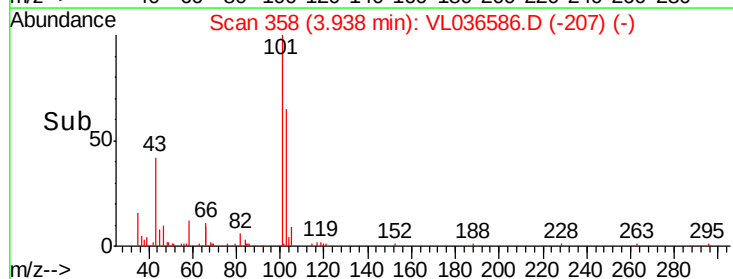
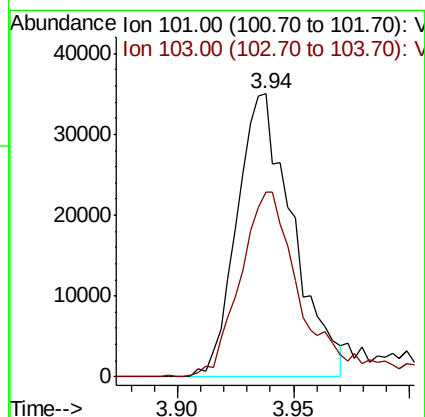
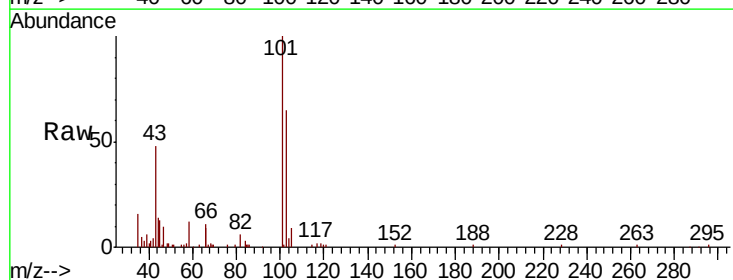
Acq: 31 Mar 2021 1:51

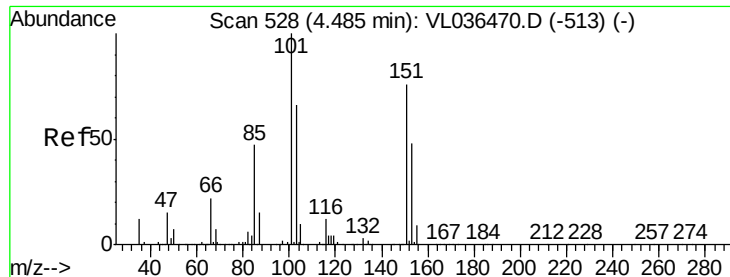
Tgt Ion: 101 Resp: 58510

Ion Ratio Lower Upper

101 100

103 64.6 52.5 78.7





#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.032 ppbv

RT: 4.47 min Scan# 524

Delta R.T. -0.01 min

Lab File: VL036586.D

Acq: 31 Mar 2021 1:51

Instrument :

MSVOA_L

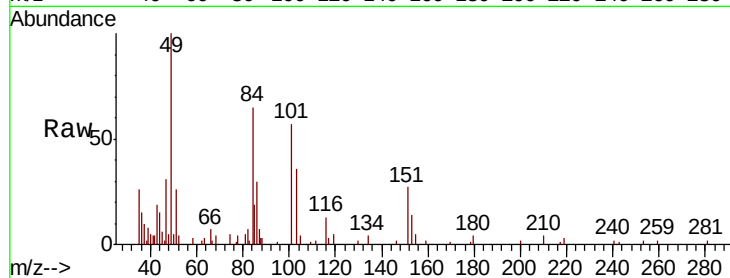
ClientSampled :

Tot Ion:101 Resp: 4504

Ion Ratio Lower Upper

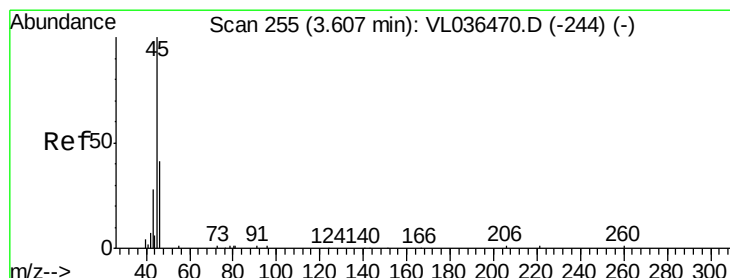
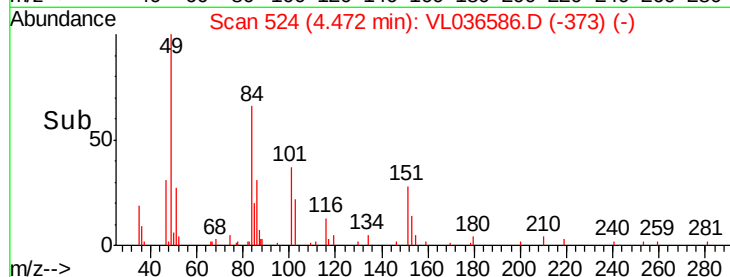
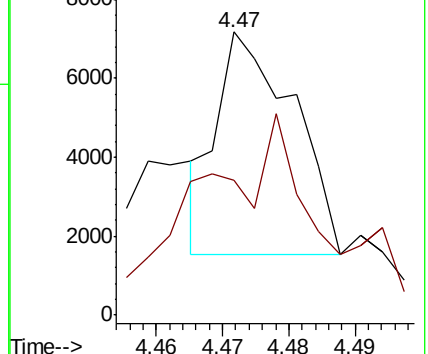
101 100

151 173.2 60.9 91.3#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 151.00 (150.70 to 151.70): V



#13

Ethanol

Concen: 162.849 ppbv

RT: 3.60 min Scan# 254

Delta R.T. -0.00 min

Lab File: VL036586.D

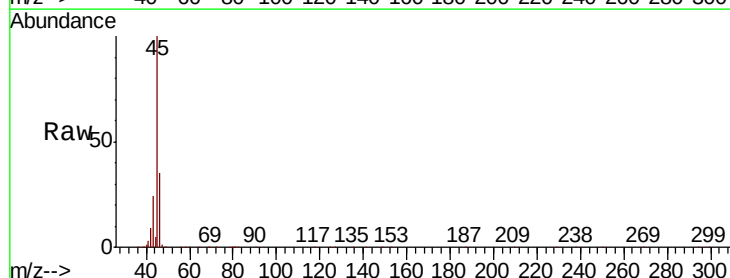
Acq: 31 Mar 2021 1:51

Tgt Ion: 45 Resp: 1536032

Ion Ratio Lower Upper

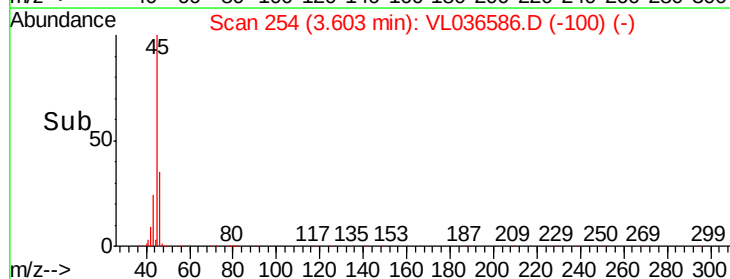
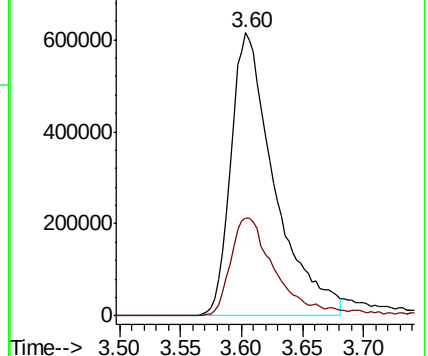
45 100

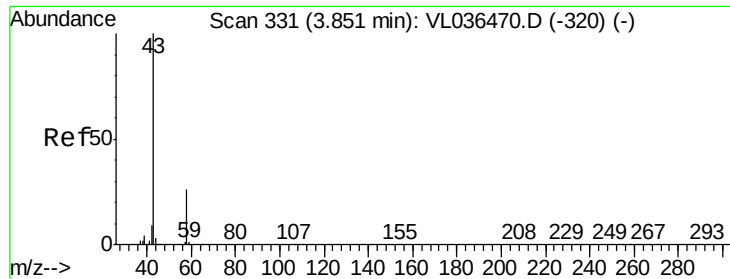
46 37.1 16.6 66.2



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





#15

Acetone

Concen: 14.688 ppbv

RT: 3.84 min Scan# 326

Delta R.T. -0.02 min

Lab File: VL036586.D

Acq: 31 Mar 2021 1:51

Instrument :

MSVOA_L

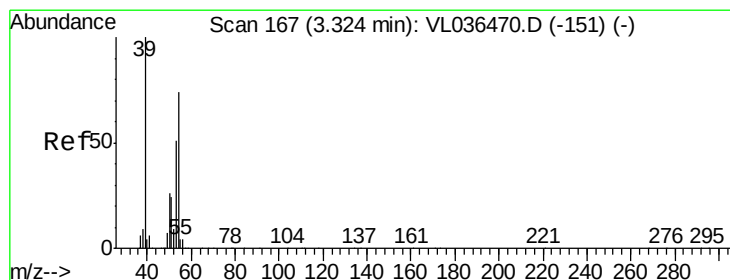
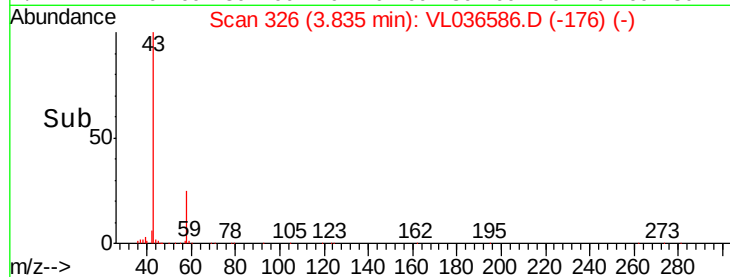
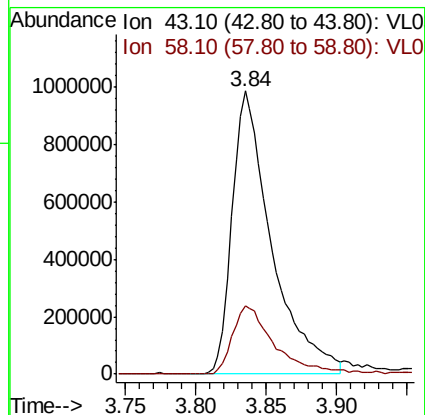
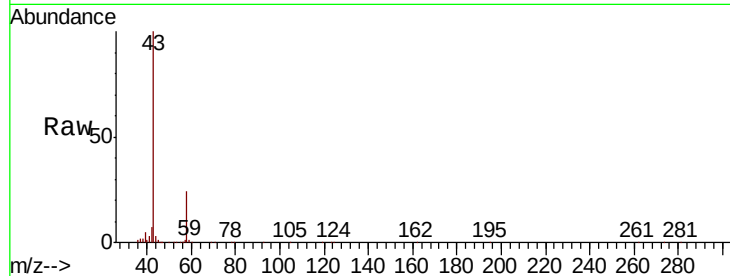
ClientSampleId :

Tot Ion: 43 Resp: 1922414

Ion Ratio Lower Upper

43 100

58 26.6 21.2 31.8



#16

1,3-Butadiene

Concen: 0.106 ppbv

RT: 3.29 min Scan# 158

Delta R.T. -0.03 min

Lab File: VL036586.D

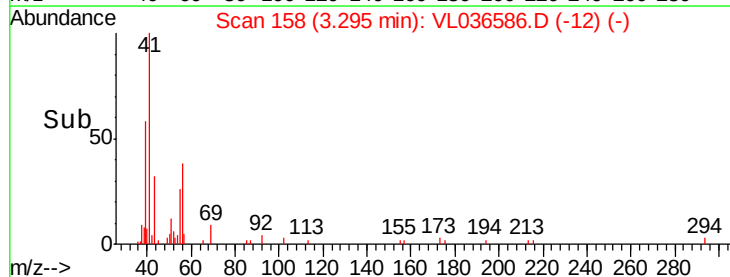
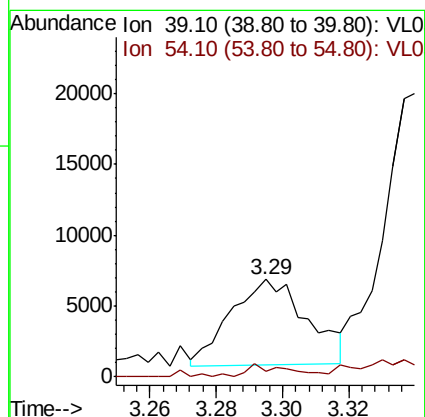
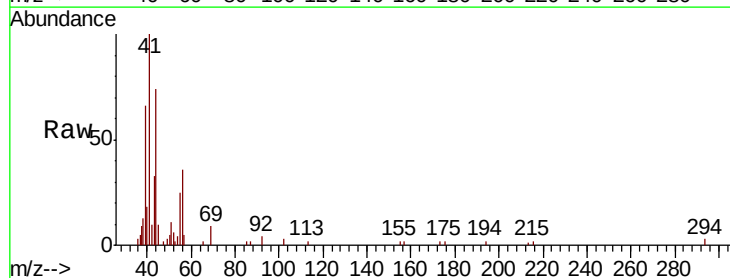
Acq: 31 Mar 2021 1:51

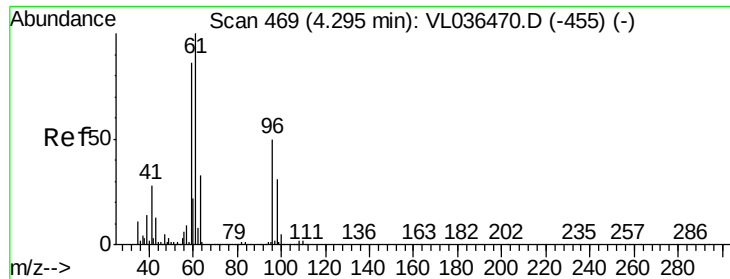
Tgt Ion: 39 Resp: 9703

Ion Ratio Lower Upper

39 100

54 0.0 58.8 88.2#





#17

tert-Butyl alcohol

Concen: 0.068 ppbv

RT: 4.29 min Scan# 468

Delta R.T. -0.00 min

Lab File: VL036586.D

Acq: 31 Mar 2021 1:51

Instrument :

MSVOA_L

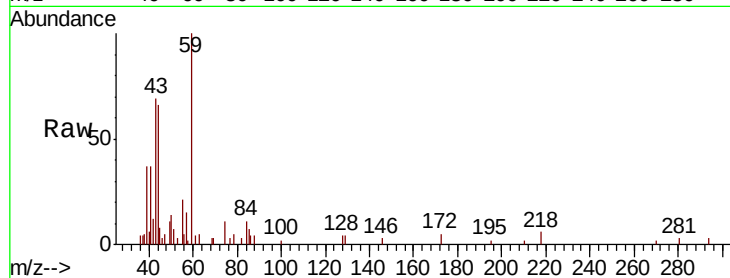
ClientSampled :

Tot Ion: 59 Resp: 7695

Ion Ratio Lower Upper

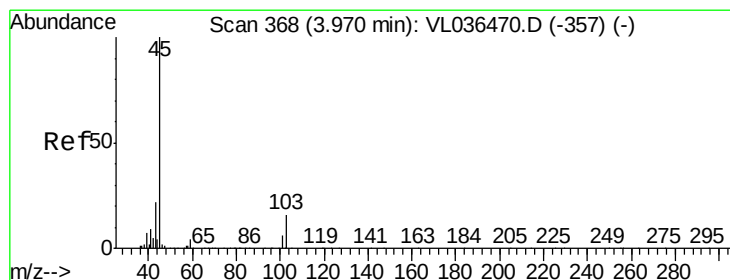
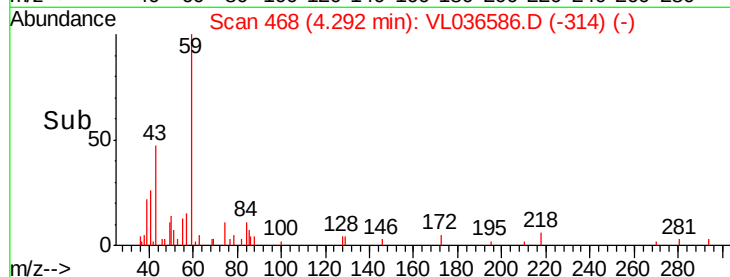
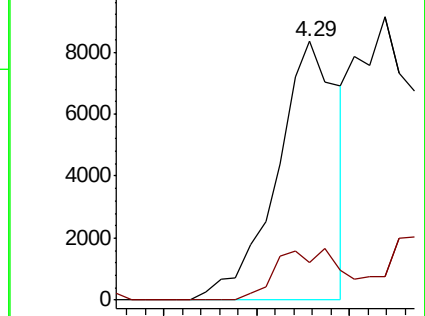
59 100

57 0.0 8.6 12.8#



Abundance Ion 59.10 (58.80 to 59.80): VL0

Ion 57.10 (56.80 to 57.80): VL0



#19

Isopropyl Alcohol

Concen: 0.882 ppbv

RT: 3.98 min Scan# 372

Delta R.T. 0.01 min

Lab File: VL036586.D

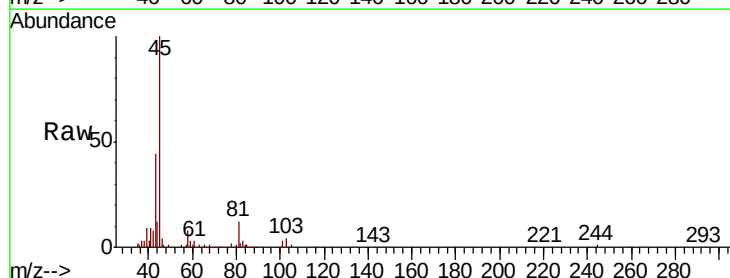
Acq: 31 Mar 2021 1:51

Tgt Ion: 45 Resp: 63495

Ion Ratio Lower Upper

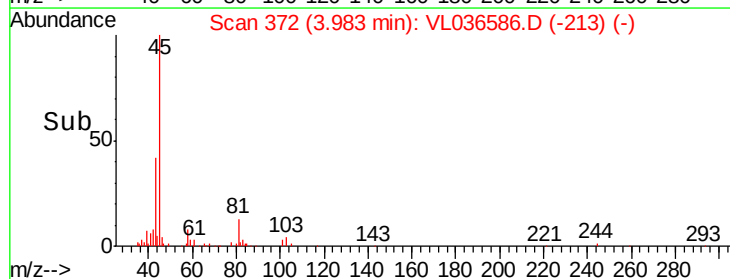
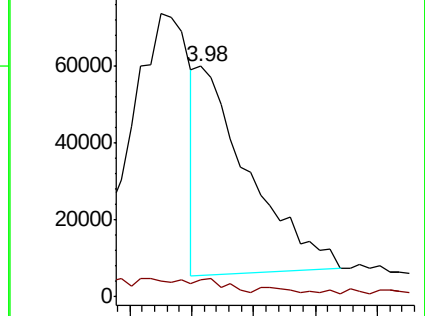
45 100

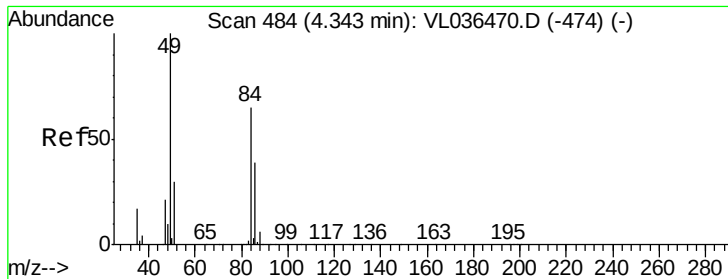
58 0.0 2.9 4.3#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

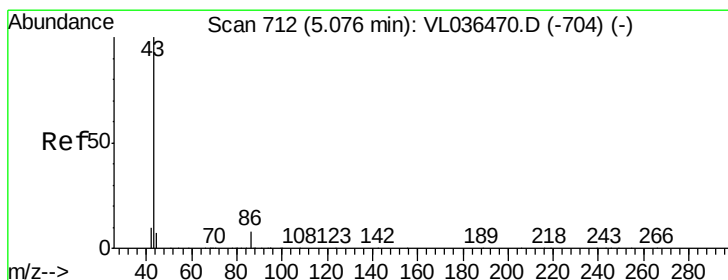
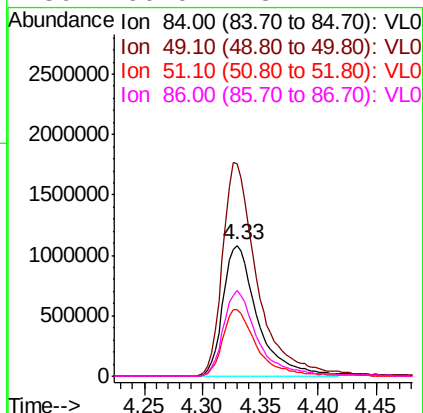
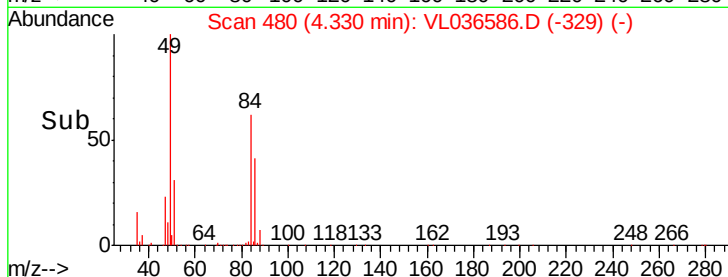
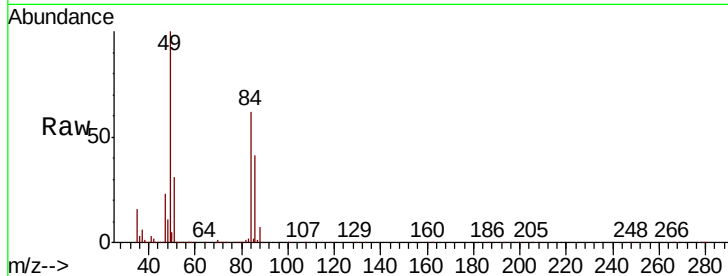




#20
Methvlene Chloride
Concen: 36.520 ppbv
RT: 4.33 min Scan# 480
Delta R.T. -0.01 min
Lab File: VL036586.D
Acq: 31 Mar 2021 1:51

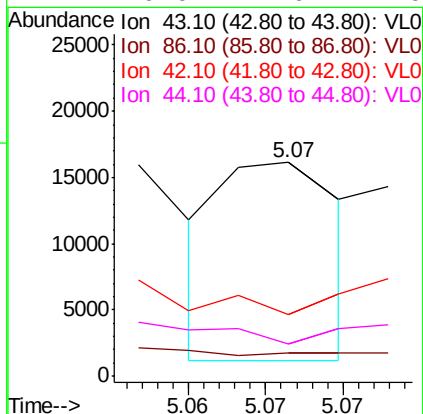
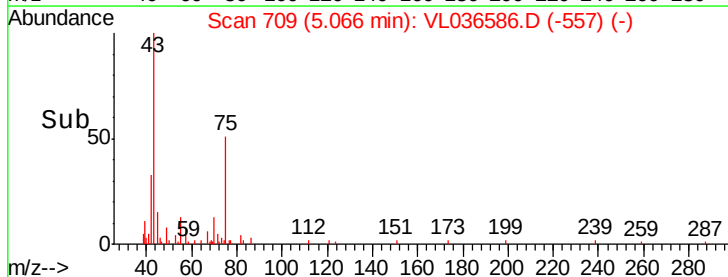
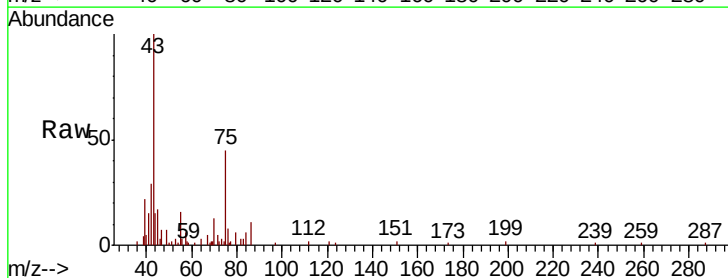
Instrument :
MSVOA_L
ClientSampleId :

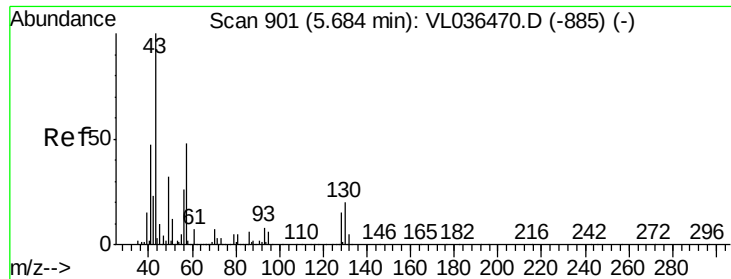
Tot Ion: 84 Resp: 2237949
Ion Ratio Lower Upper
84 100
49 161.9 122.9 184.3
51 50.7 36.9 55.3
86 66.0 48.2 72.4



#23
Vinyl Acetate
Concen: 0.036 ppbv
RT: 5.07 min Scan# 709
Delta R.T. -0.01 min
Lab File: VL036586.D
Acq: 31 Mar 2021 1:51

Tgt Ion: 43 Resp: 8062
Ion Ratio Lower Upper
43 100
86 0.0 5.4 8.0#
42 0.0 8.5 12.7#
44 0.0 4.6 7.0#



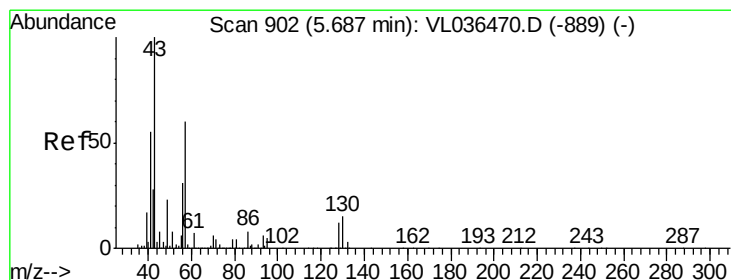
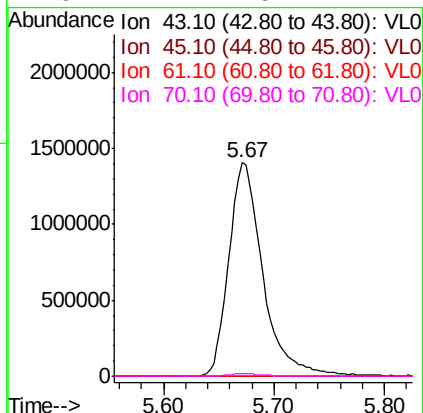
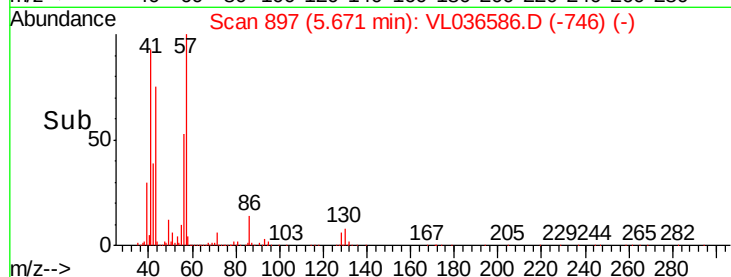
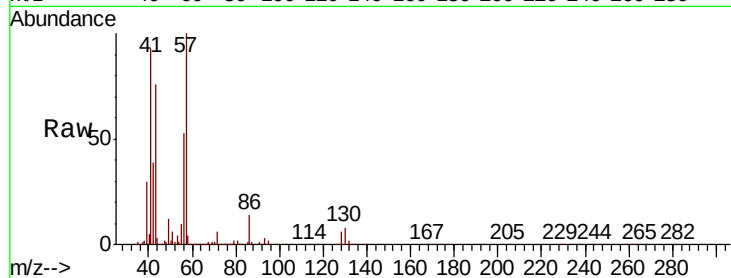


#25
Ethyl Acetate
Concen: 9.625 ppbv
RT: 5.67 min Scan# 897
Delta R.T. -0.01 min
Lab File: VL036586.D
Acq: 31 Mar 2021 1:51

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 43 Resp: 2994888

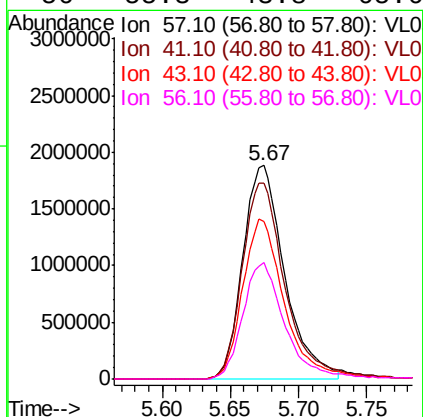
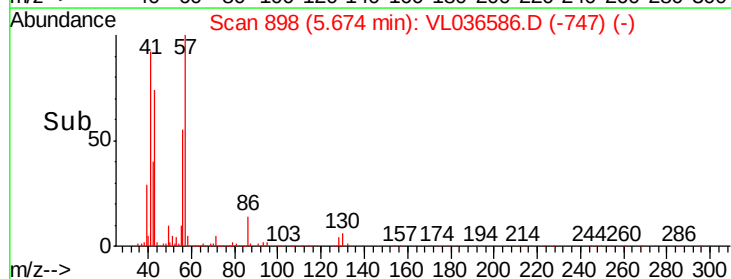
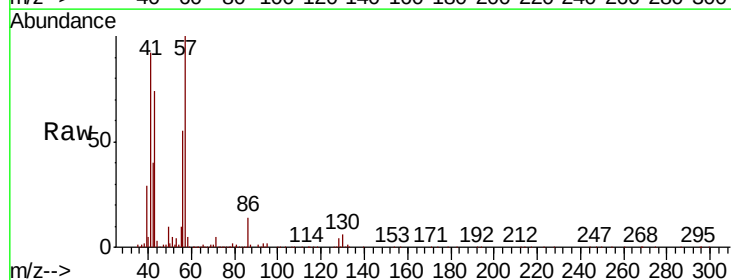
Ion	Ratio	Lower	Upper
43	100		
45	0.2	7.9	11.9#
61	0.2	7.4	11.2#
70	1.4	5.1	7.7#

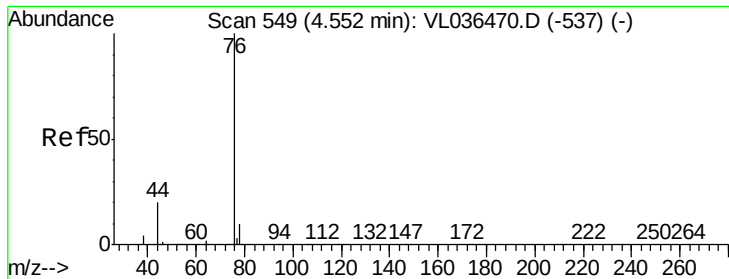


#26
Hexane
Concen: 27.737 ppbv
RT: 5.67 min Scan# 898
Delta R.T. -0.01 min
Lab File: VL036586.D
Acq: 31 Mar 2021 1:51

Tgt Ion: 57 Resp: 4005224

Ion	Ratio	Lower	Upper
57	100		
41	95.7	77.2	115.8
43	75.6	173.8	260.6#
56	55.3	43.8	65.6





#27

Carbon Disulfide

Concen: 0.334 ppbv

RT: 4.54 min Scan# 545

Delta R.T. -0.01 min

Lab File: VL036586.D

Acq: 31 Mar 2021 1:51

Instrument :

MSVOA_L

ClientSampleId :

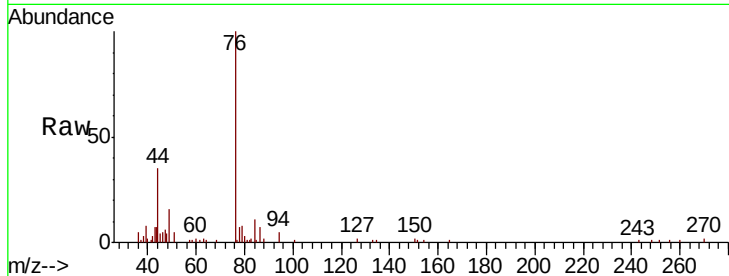
Tot Ion: 76 Resp: 47567

Ion Ratio Lower Upper

76 100

44 45.6 17.5 26.3#

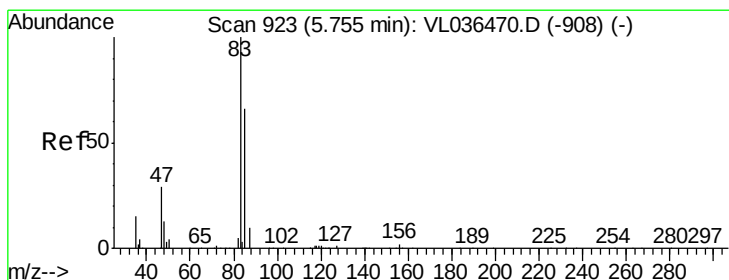
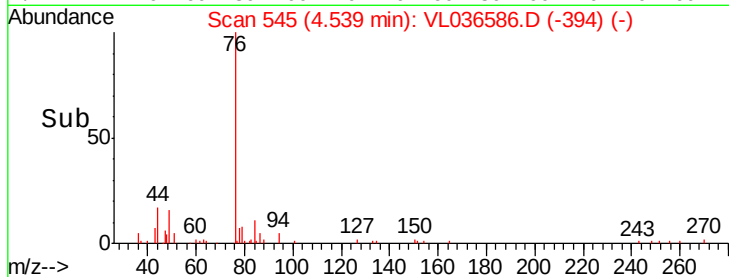
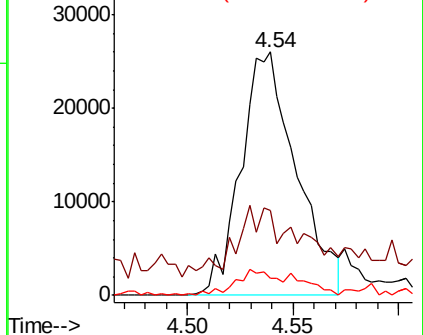
78 13.7 8.6 13.0#



Abundance Ion 76.00 (75.70 to 76.70): VL0

Ion 44.10 (43.80 to 44.80): VL0

Ion 78.00 (77.70 to 78.70): VL0



#29

Chloroform

Concen: 0.079 ppbv

RT: 5.73 min Scan# 916

Delta R.T. -0.02 min

Lab File: VL036586.D

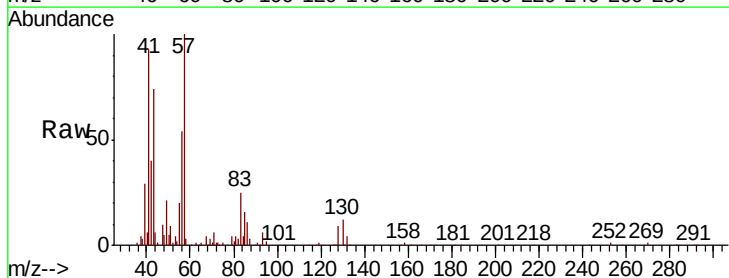
Acq: 31 Mar 2021 1:51

Tgt Ion: 83 Resp: 18209

Ion Ratio Lower Upper

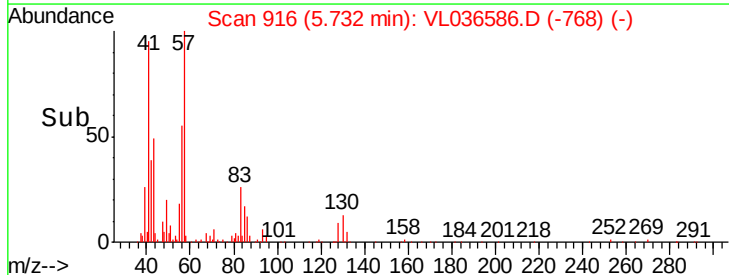
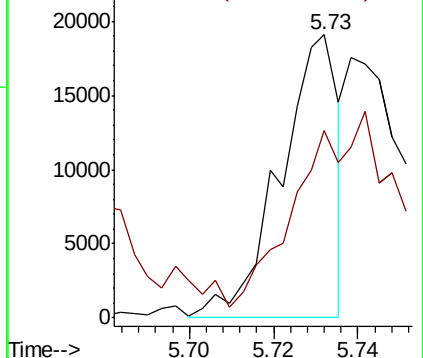
83 100

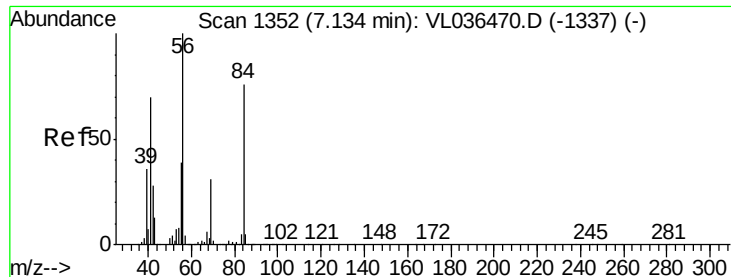
85 53.1 52.6 78.8



Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0

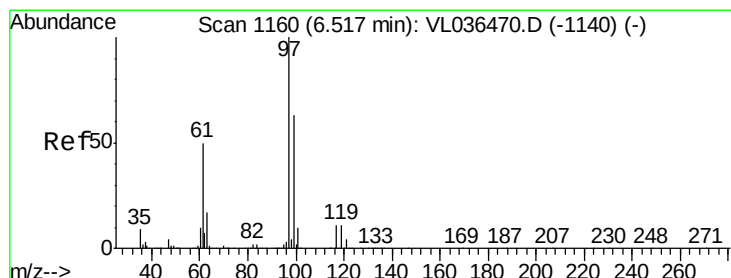
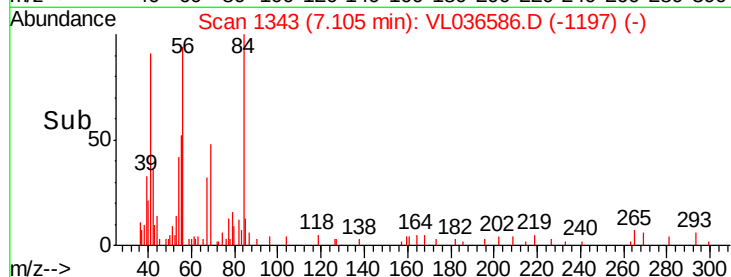
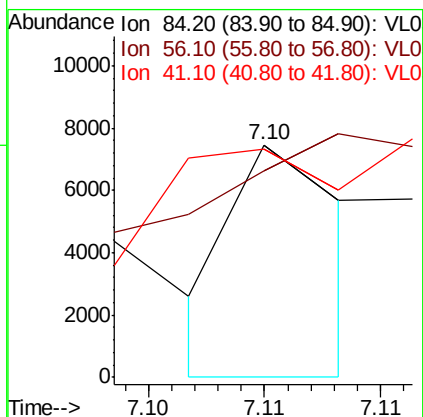
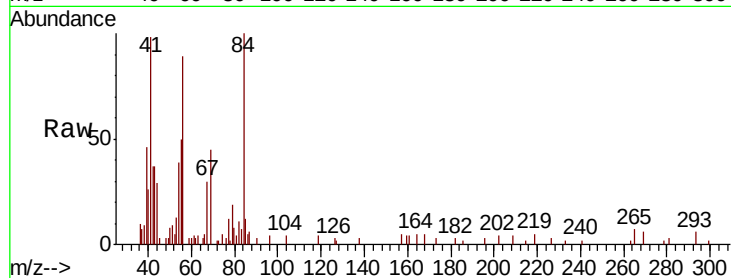




#30
Cyclohexane
Concen: 0.022 ppbv
RT: 7.10 min Scan# 1343
Delta R.T. -0.03 min
Lab File: VL036586.D
Acq: 31 Mar 2021 1:51

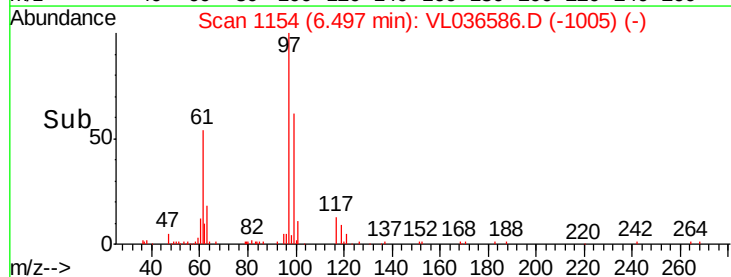
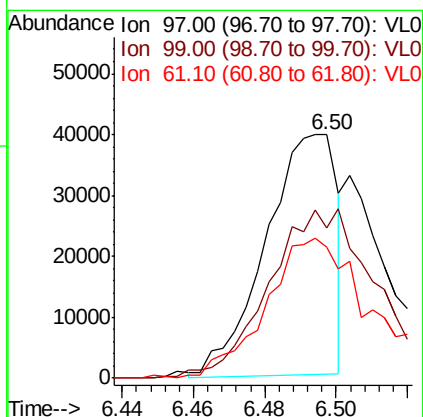
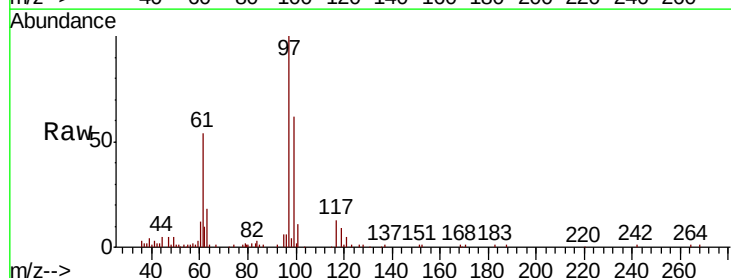
Instrument :
MSVOA_L
ClientSampled :

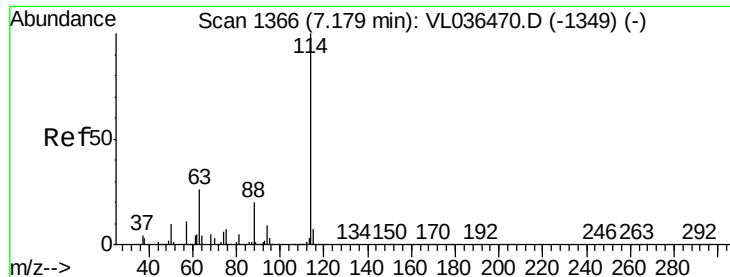
Tot Ion: 84 Resp: 2529
Ion Ratio Lower Upper
84 100
56 0.0 114.6 171.8#
41 0.0 75.3 112.9#



#32
1,1,1-Trichloroethane
Concen: 0.234 ppbv
RT: 6.50 min Scan# 1154
Delta R.T. -0.02 min
Lab File: VL036586.D
Acq: 31 Mar 2021 1:51

Tgt Ion: 97 Resp: 54556
Ion Ratio Lower Upper
97 100
99 0.0 51.4 77.0#
61 90.0 40.6 60.8#

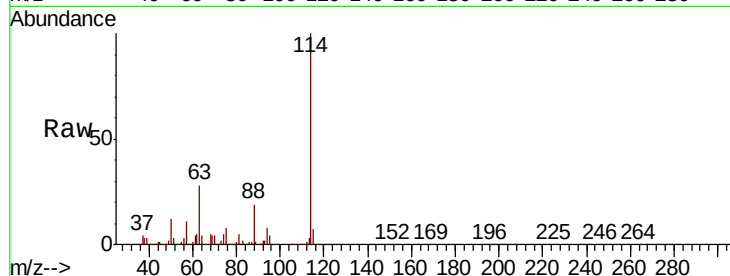




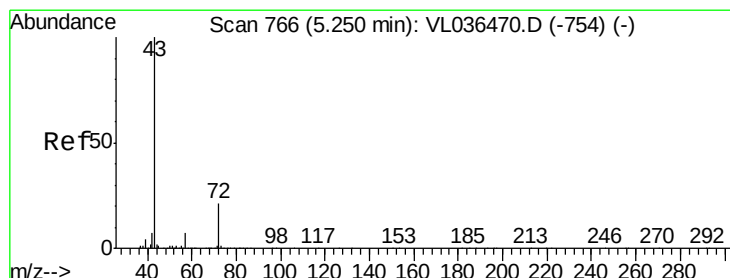
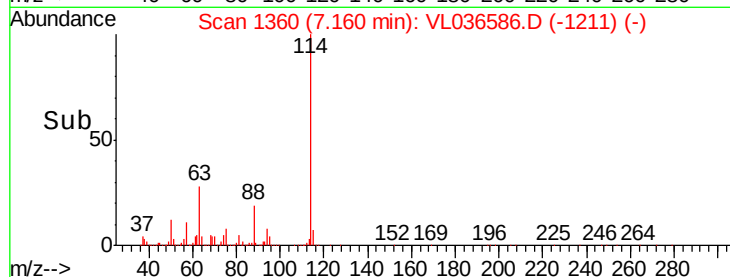
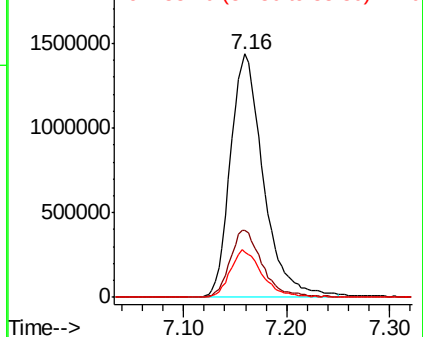
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.16 min Scan# 1360
 Delta R.T. -0.02 min
 Lab File: VL036586.D
 Acq: 31 Mar 2021 1:51

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion:114 Resp: 3212390
 Ion Ratio Lower Upper
 114 100
 63 27.4 22.4 33.6
 88 19.1 15.4 23.0

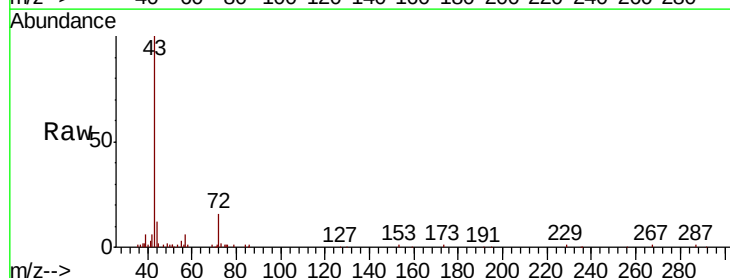


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

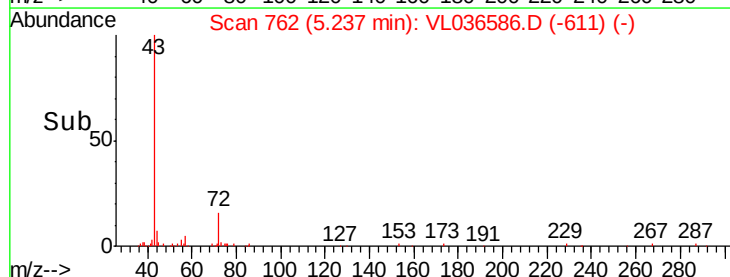
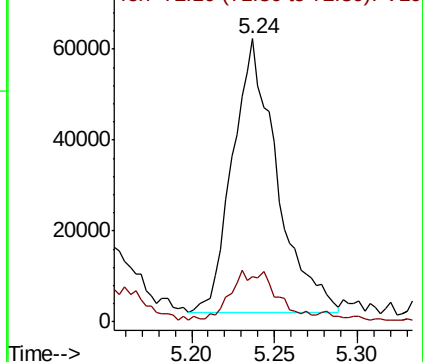


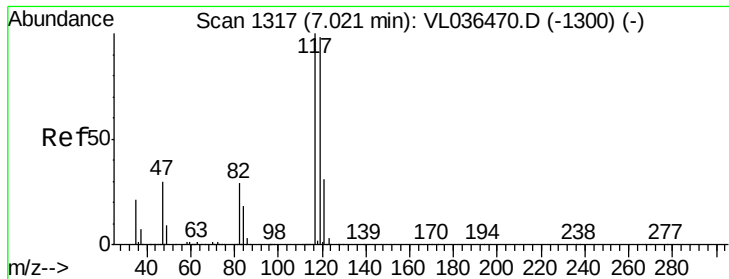
#34
 2-Butanone
 Concen: 0.721 ppbv
 RT: 5.24 min Scan# 762
 Delta R.T. -0.01 min
 Lab File: VL036586.D
 Acq: 31 Mar 2021 1:51

Tgt Ion: 43 Resp: 113040
 Ion Ratio Lower Upper
 43 100
 72 22.9 17.0 25.6



Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 72.10 (71.80 to 72.80): VL0





#35

Carbon Tetrachloride

Concen: 0.027 ppbv

RT: 7.00 min Scan# 1311

Delta R.T. -0.02 min

Lab File: VL036586.D

Acq: 31 Mar 2021 1:51

Instrument :

MSVOA_L

ClientSampleId :

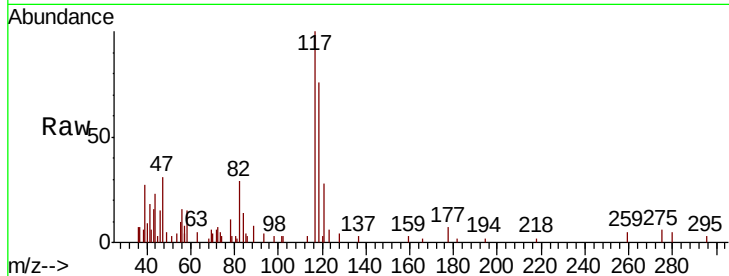
Tot Ion:117 Resp: 6705

Ion Ratio Lower Upper

117 100

119 63.3 78.2 117.2#

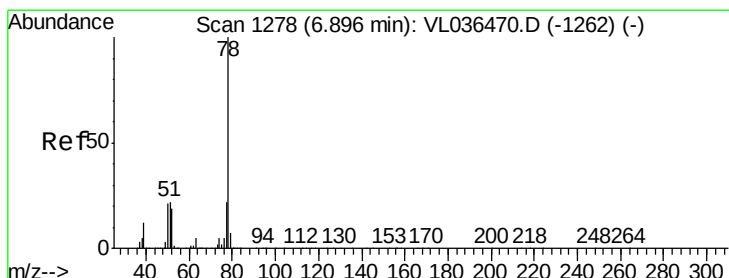
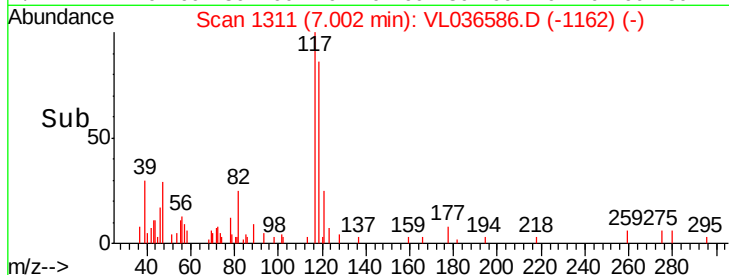
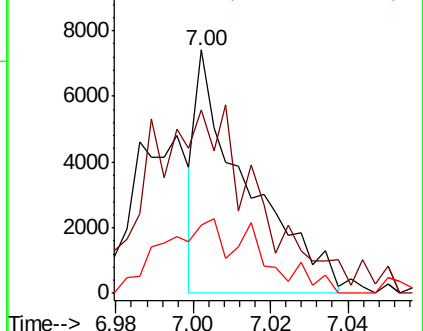
121 28.5 24.5 36.7



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#36

Benzene

Concen: 0.174 ppbv

RT: 6.88 min Scan# 1272

Delta R.T. -0.02 min

Lab File: VL036586.D

Acq: 31 Mar 2021 1:51

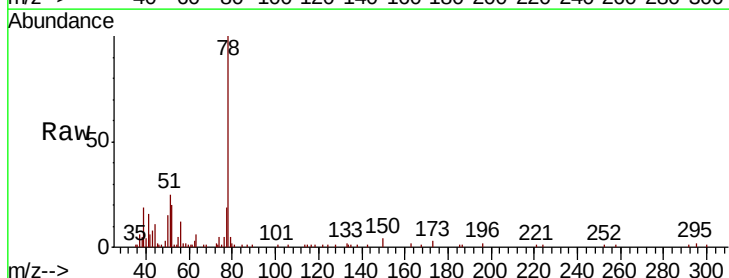
Tgt Ion: 78 Resp: 51699

Ion Ratio Lower Upper

78 100

77 18.4 18.0 27.0

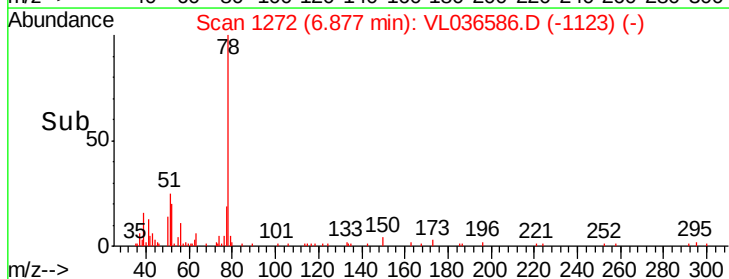
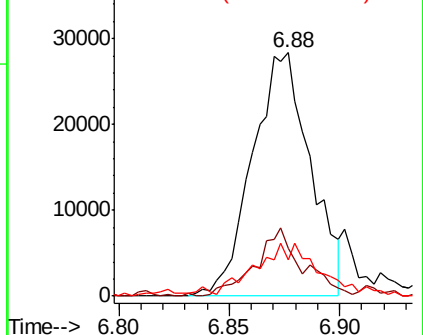
50 13.4 16.5 24.7#

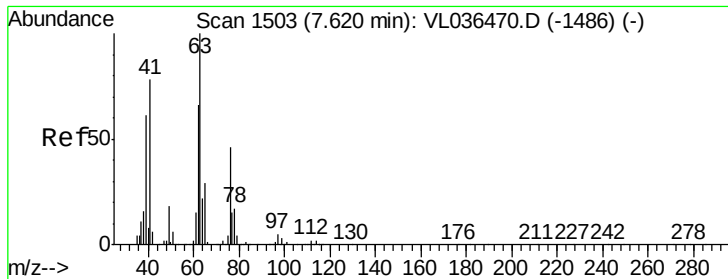


Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0

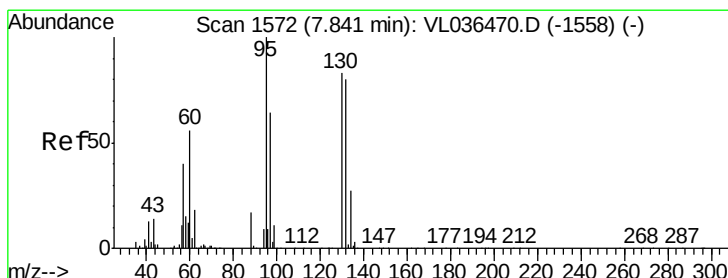
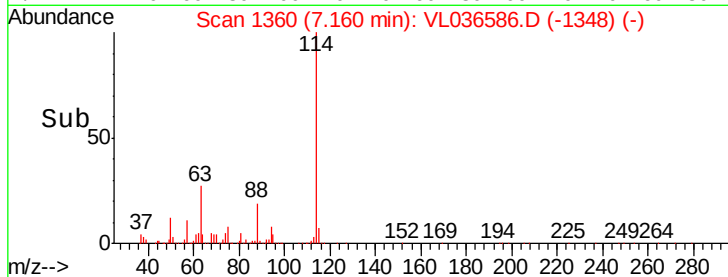
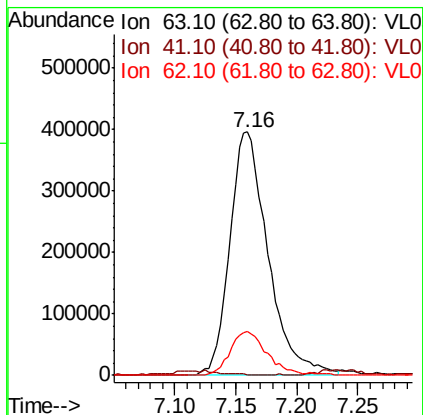
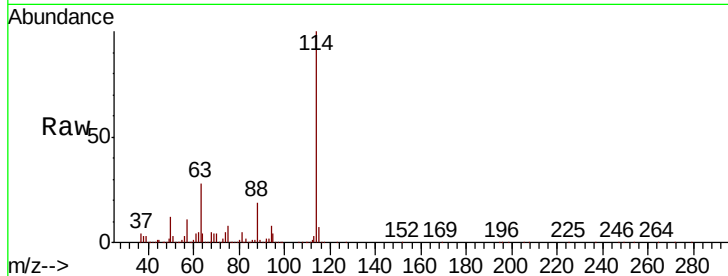




#39
 1,2-Dichloropropane
 Concen: 7.162 ppbv
 RT: 7.16 min Scan# 1360
 Delta R.T. -0.46 min
 Lab File: VL036586.D
 Acq: 31 Mar 2021 1:51

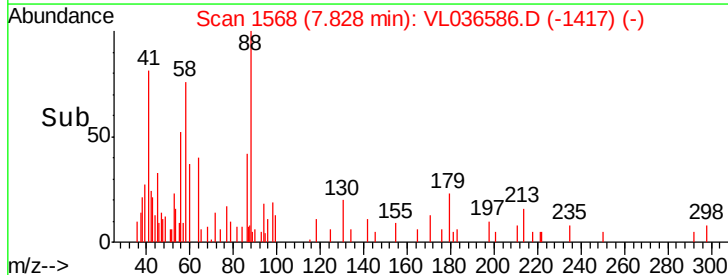
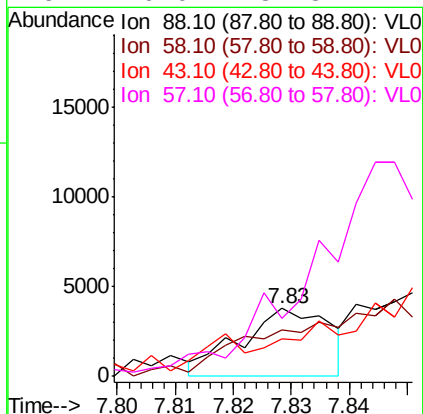
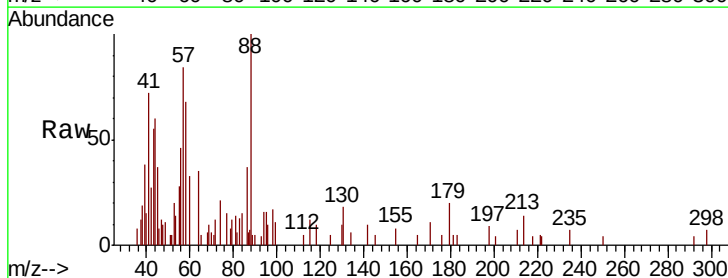
Instrument :
 MSVOA_L
 ClientSampled :

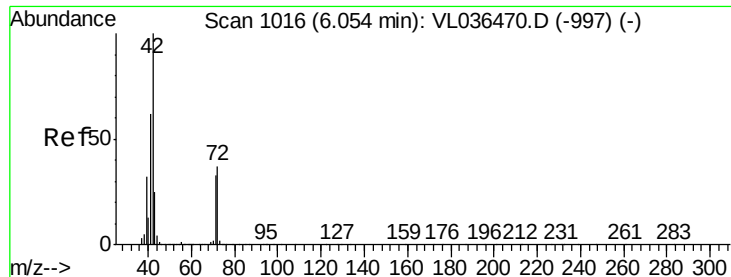
Tot Ion	Ratio	Lower	Upper
63	100		
41	0.0	62.4	93.6#
62	18.3	52.8	79.2#



#40
 1,4-Dioxane
 Concen: 0.145 ppbv
 RT: 7.83 min Scan# 1568
 Delta R.T. -0.01 min
 Lab File: VL036586.D
 Acq: 31 Mar 2021 1:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	0.0	134.1	201.1#
43	0.0	346.6	520.0#
57	0.0	1481.8	2222.8#





#41

Tetrahydrofuran

Concen: 22.363 ppbv

RT: 5.67 min Scan# 898

Delta R.T. -0.38 min

Lab File: VL036586.D

Acq: 31 Mar 2021 1:51

Instrument :

MSVOA_L

ClientSampleId :

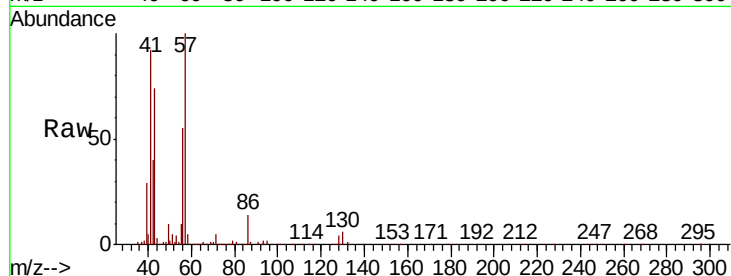
Tot Ion: 42 Resp: 1616855

Ion Ratio Lower Upper

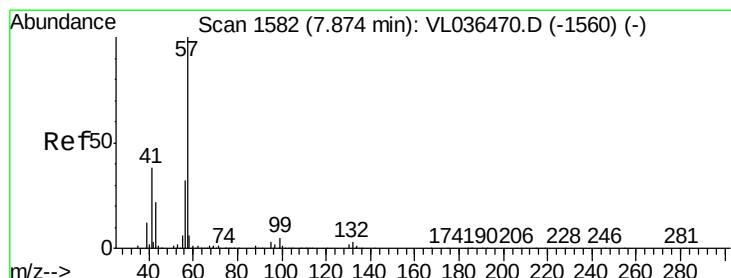
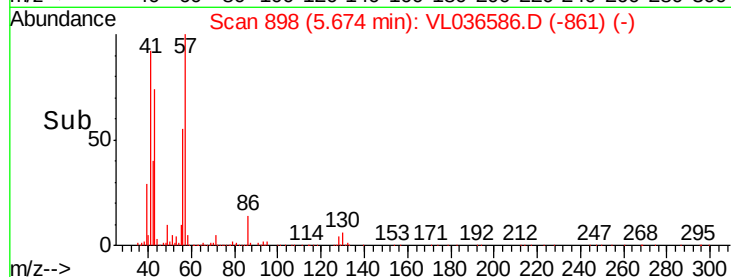
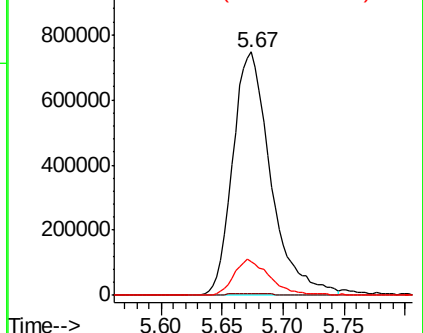
42 100

72 0.9 27.6 41.4#

71 14.3 27.0 40.4#



Abundance Ion 42.10 (41.80 to 42.80): VL0
Ion 72.10 (71.80 to 72.80): VL0
Ion 71.10 (70.80 to 71.80): VL0



#44

2,2,4-Trimethylpentane

Concen: 0.022 ppbv

RT: 7.86 min Scan# 1577

Delta R.T. -0.02 min

Lab File: VL036586.D

Acq: 31 Mar 2021 1:51

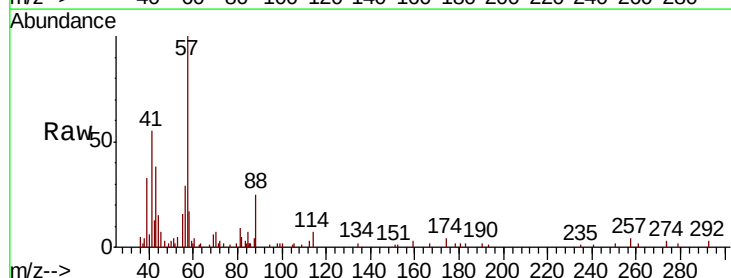
Tgt Ion: 57 Resp: 11390

Ion Ratio Lower Upper

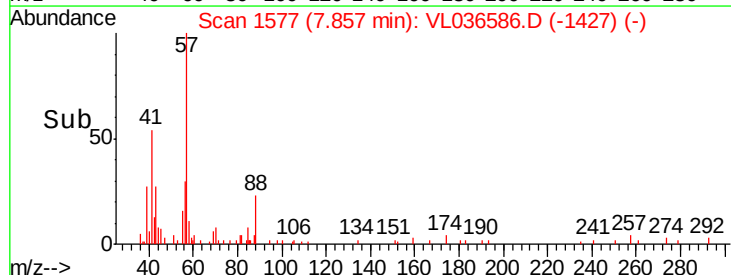
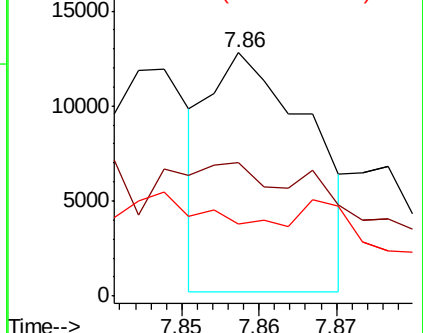
57 100

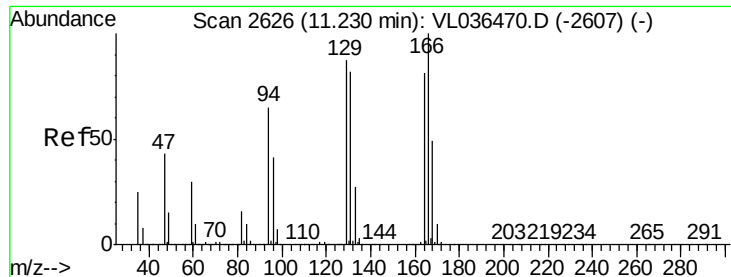
41 0.0 28.8 43.2#

56 0.0 26.1 39.1#



Abundance Ion 57.10 (56.80 to 57.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 56.10 (55.80 to 56.80): VL0





#52

Tetrachloroethene

Concen: 0.893 ppbv

RT: 11.20 min Scan# 2618

Delta R.T. -0.03 min

Lab File: VL036586.D

Acq: 31 Mar 2021 1:51

Instrument :

MSVOA_L

ClientSampleId :

Tot Ion:164 Resp: 97405

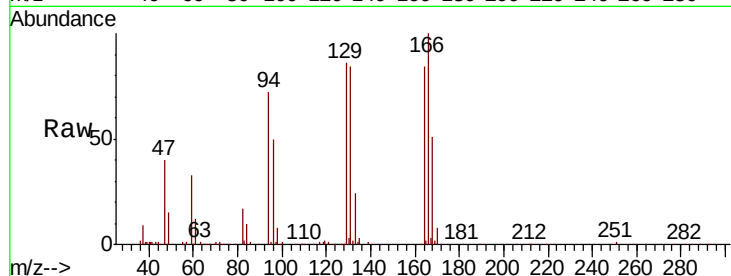
Ion Ratio Lower Upper

164 100

166 117.5 98.3 147.5

129 101.8 85.8 128.8

131 99.1 80.9 121.3



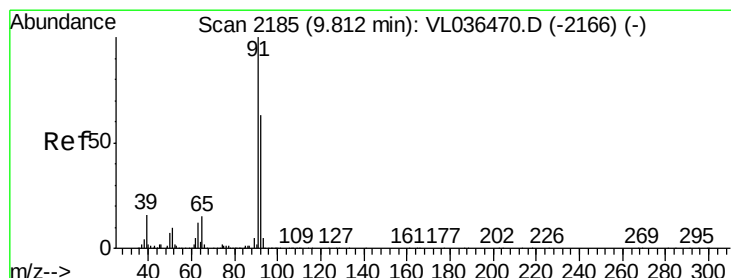
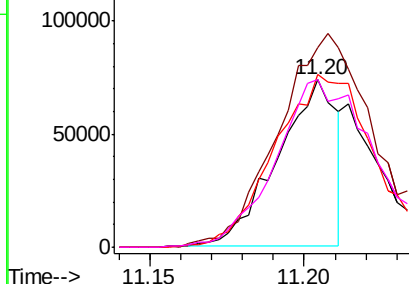
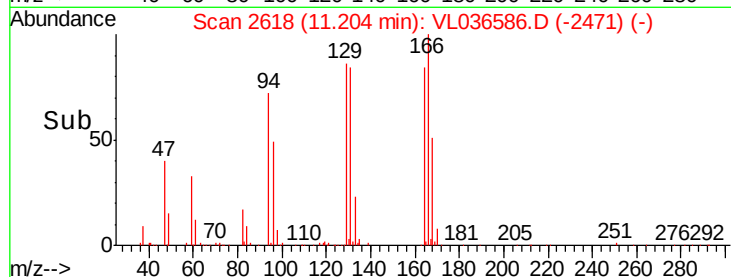
Abundance

Ion 163.90 (163.60 to 164.60): V

Ion 165.90 (165.60 to 166.60): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V



#53

Toluene

Concen: 0.258 ppbv

RT: 9.79 min Scan# 2178

Delta R.T. -0.02 min

Lab File: VL036586.D

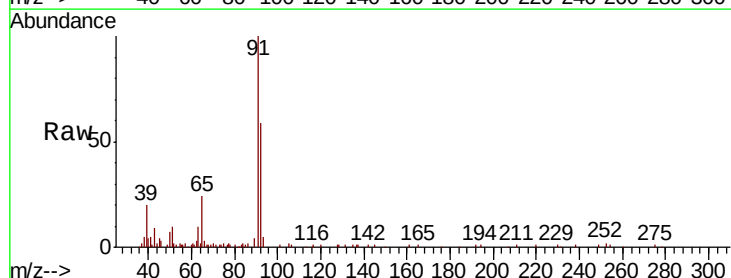
Acq: 31 Mar 2021 1:51

Tgt Ion: 91 Resp: 81363

Ion Ratio Lower Upper

91 100

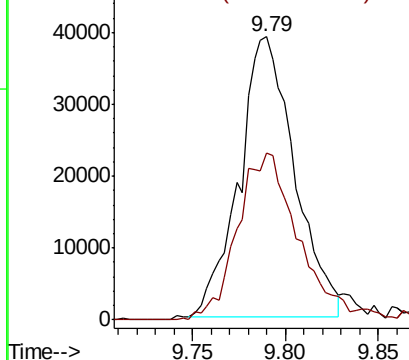
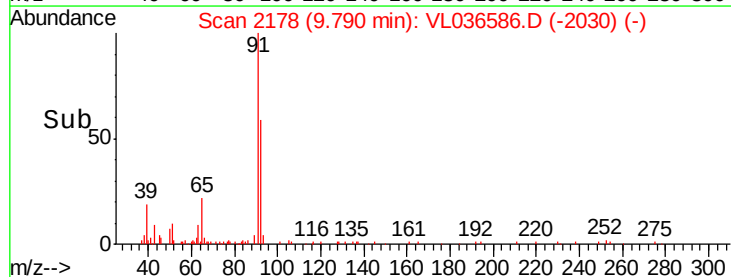
92 67.2 48.8 73.2

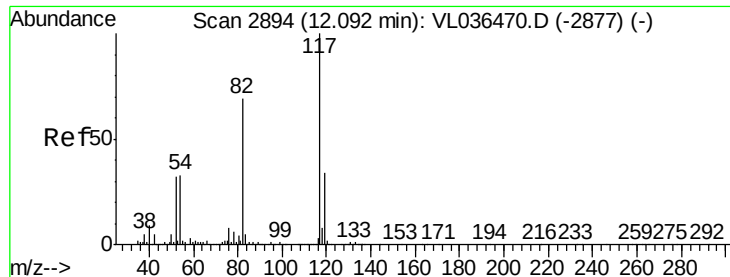


Abundance

Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0

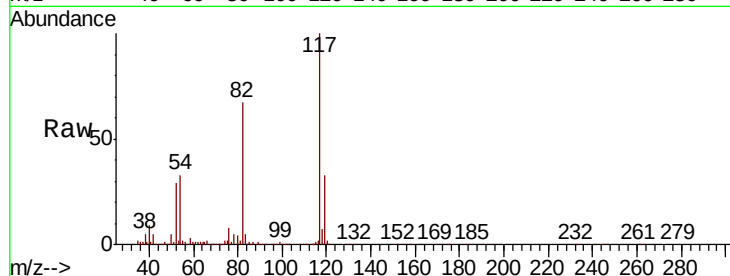




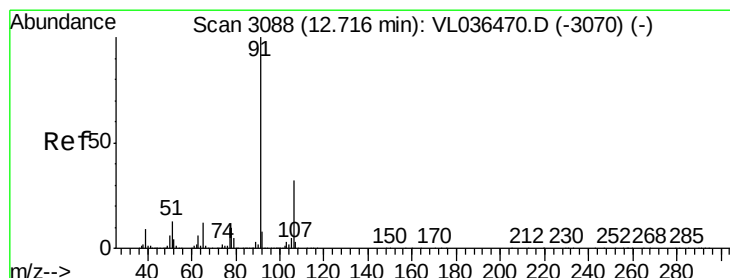
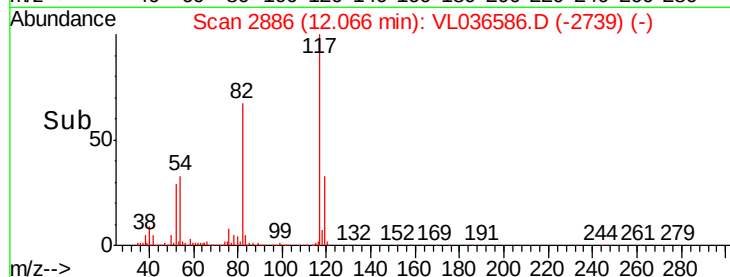
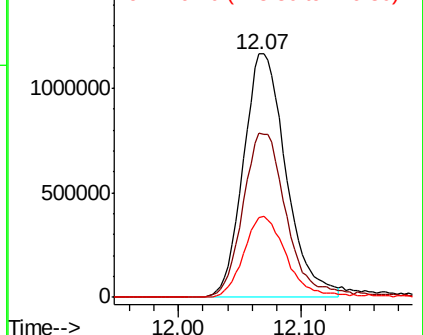
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min Scan# 2886
Delta R.T. -0.03 min
Lab File: VL036586.D
Acq: 31 Mar 2021 1:51

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion:117 Resp: 2821008
Ion Ratio Lower Upper
117 100
82 70.5 57.4 86.0
119 34.5 47.4 71.0#

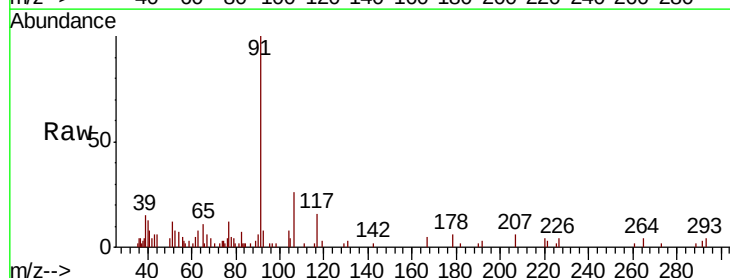


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V

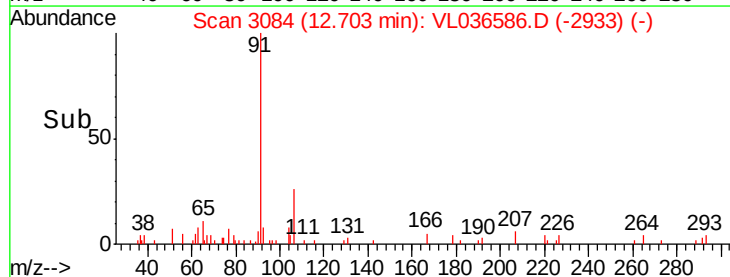
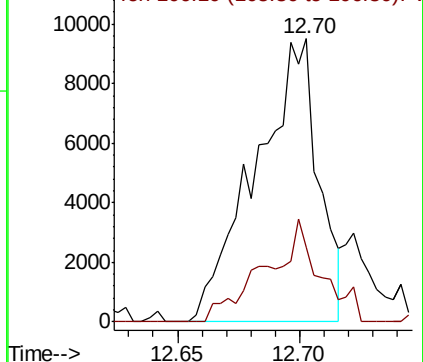


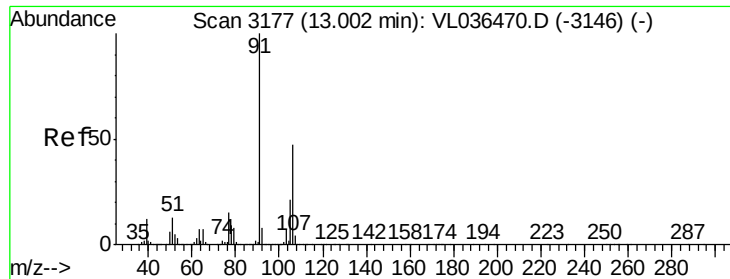
#58
Ethyl Benzene
Concen: 0.042 ppbv
RT: 12.70 min Scan# 3084
Delta R.T. -0.01 min
Lab File: VL036586.D
Acq: 31 Mar 2021 1:51

Tgt Ion: 91 Resp: 17068
Ion Ratio Lower Upper
91 100
106 26.2 25.3 37.9



Abundance Ion 91.10 (90.80 to 91.80): VL0
Ion 106.10 (105.80 to 106.80): V

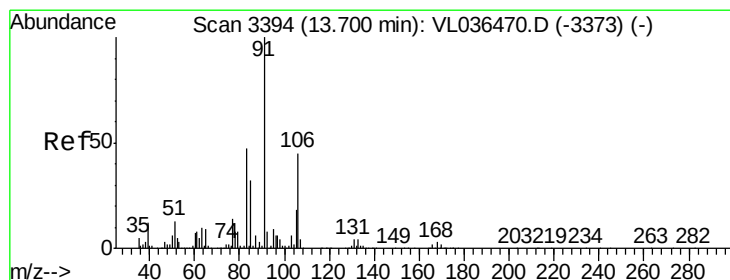
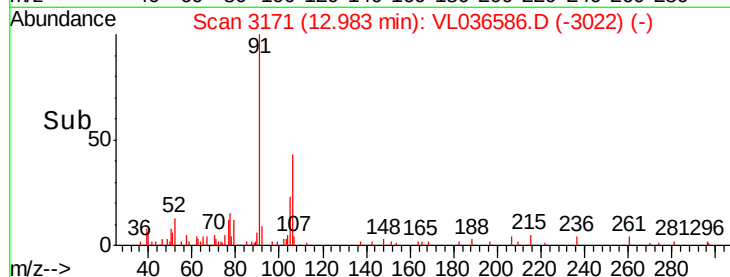
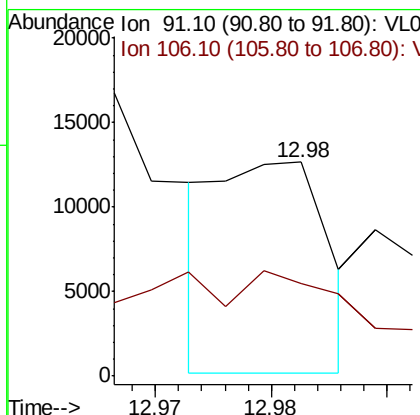
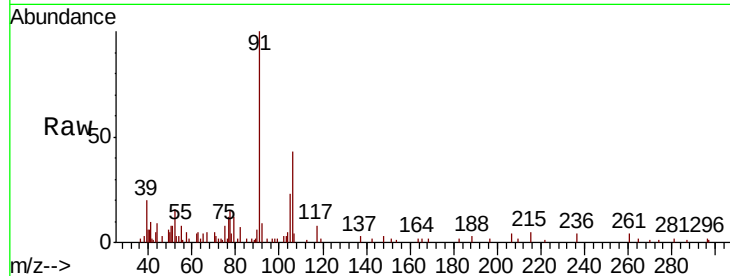




#59
m/p-Xylene
Concen: 0.023 ppbv
RT: 12.98 min Scan# 3171
Delta R.T. -0.02 min
Lab File: VL036586.D
Acq: 31 Mar 2021 1:51

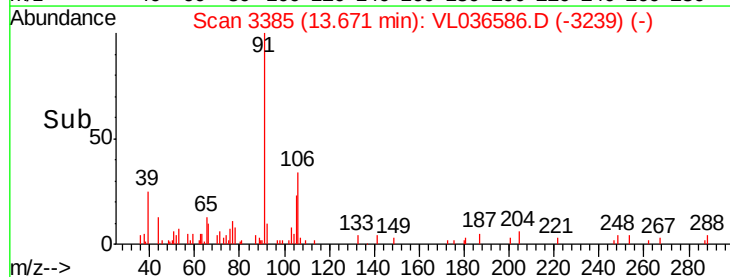
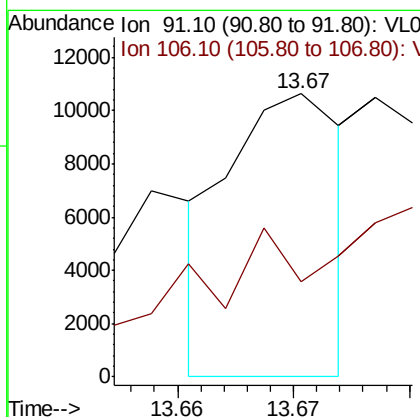
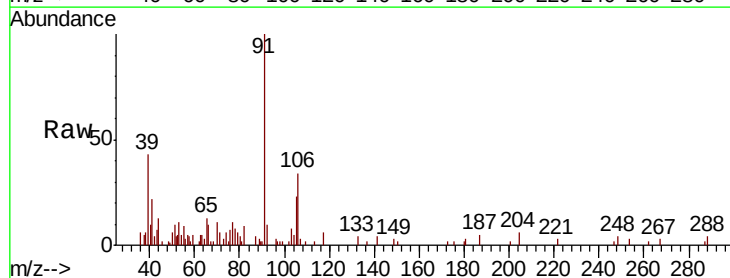
Instrument :
MSVOA_L
ClientSampleId :

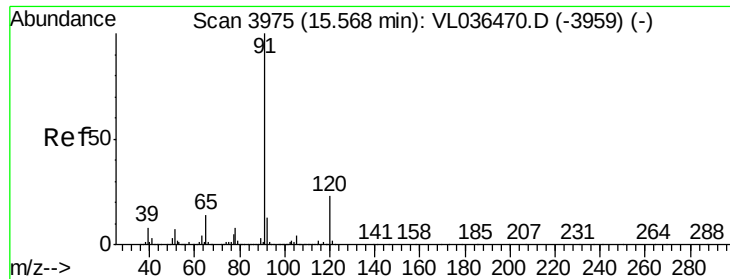
Tot Ion: 91 Resp: 8193
Ion Ratio Lower Upper
91 100
106 0.0 35.3 52.9#



#60
o-Xylene
Concen: 0.021 ppbv
RT: 13.67 min Scan# 3385
Delta R.T. -0.03 min
Lab File: VL036586.D
Acq: 31 Mar 2021 1:51

Tgt Ion: 91 Resp: 7248
Ion Ratio Lower Upper
91 100
106 0.0 22.3 66.9#





#64

n-propylbenzene

Concen: 0.027 ppbv

RT: 15.76 min Scan# 4034

Delta R.T. 0.19 min

Lab File: VL036586.D

Acq: 31 Mar 2021 1:51

Instrument :

MSVOA_L

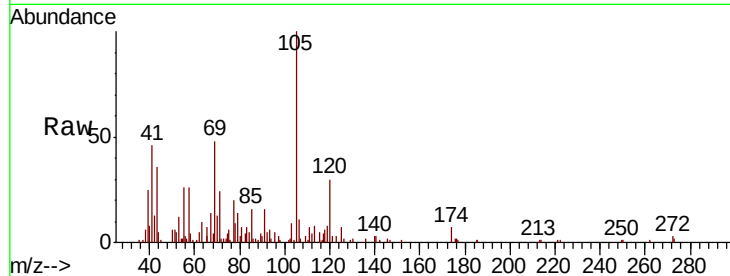
ClientSampleId :

Tot Ion:120 Resp: 3099

Ion Ratio Lower Upper

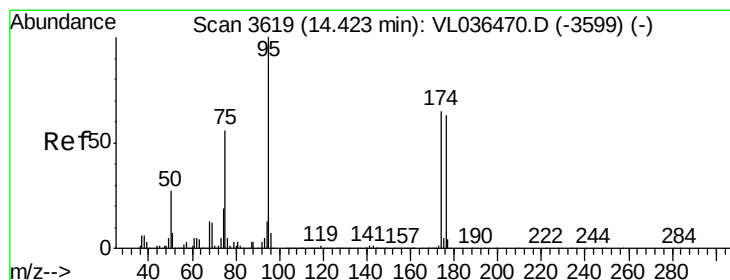
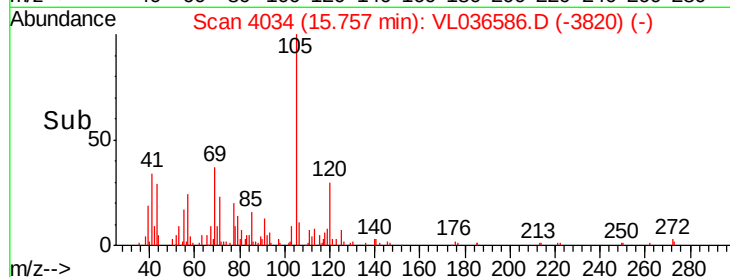
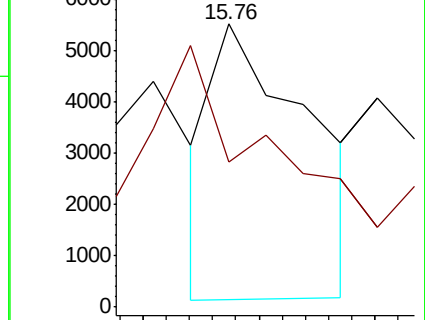
120 100

91 510.4 377.4 566.2



Abundance Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0



#68

1-Bromo-4-Fluorobenzene

Concen: 10.200 ppbv

RT: 14.40 min Scan# 3611

Delta R.T. -0.03 min

Lab File: VL036586.D

Acq: 31 Mar 2021 1:51

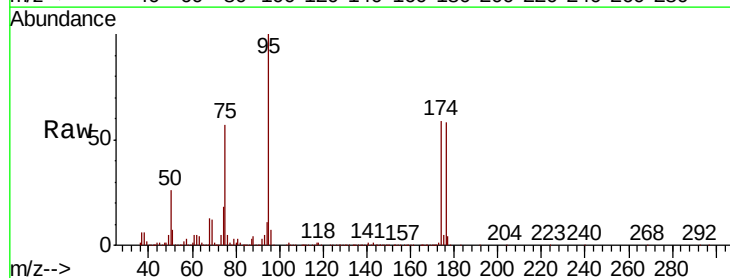
Tgt Ion: 95 Resp: 2293425

Ion Ratio Lower Upper

95 100

174 65.1 51.0 76.6

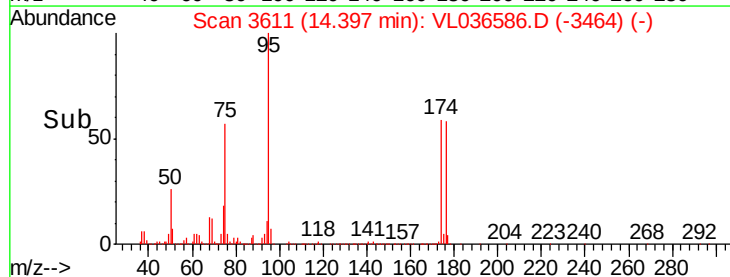
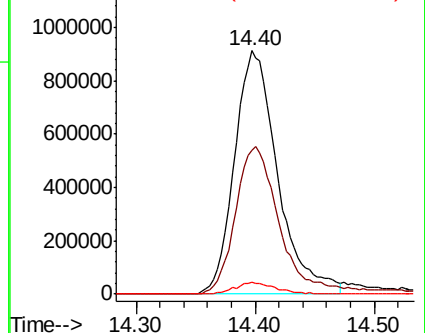
175 4.6 3.9 5.9

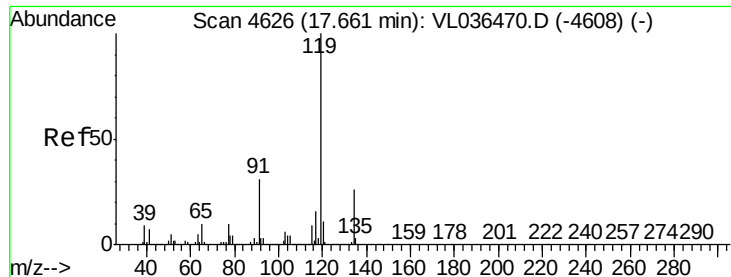


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

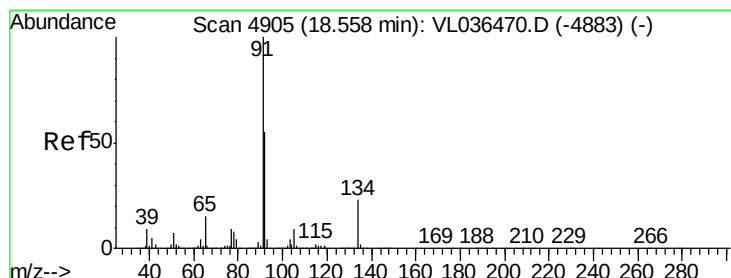
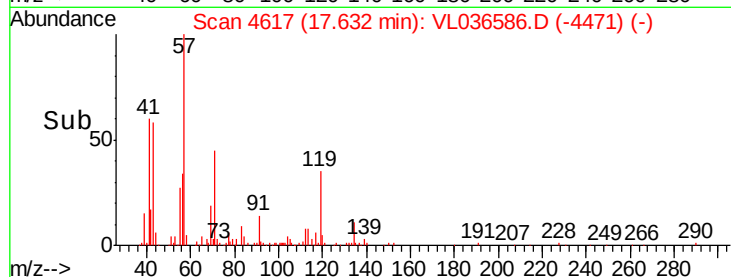
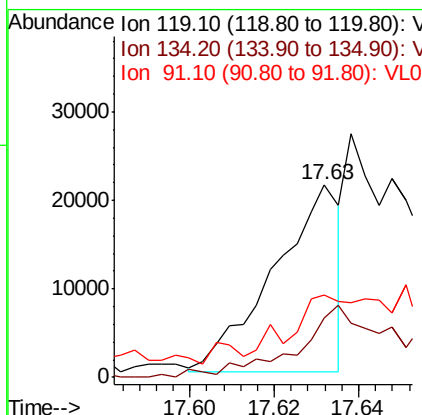
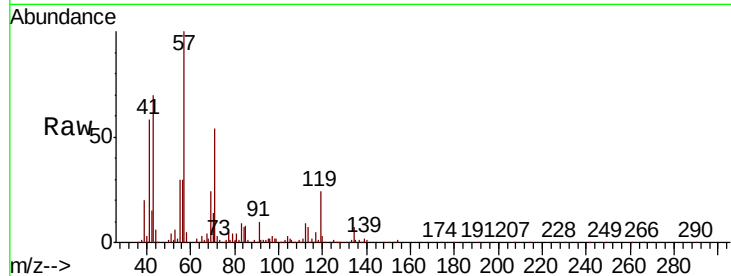




#69
 p-Isopropyltoluene
 Concen: 0.052 ppbv
 RT: 17.63 min Scan# 4617
 Delta R.T. -0.03 min
 Lab File: VL036586.D
 Acq: 31 Mar 2021 1:51

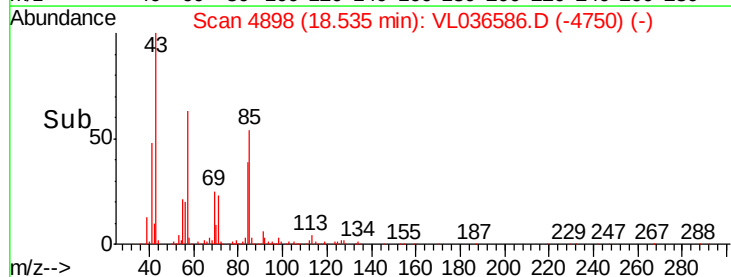
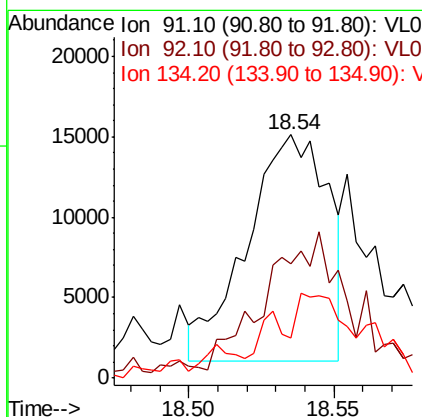
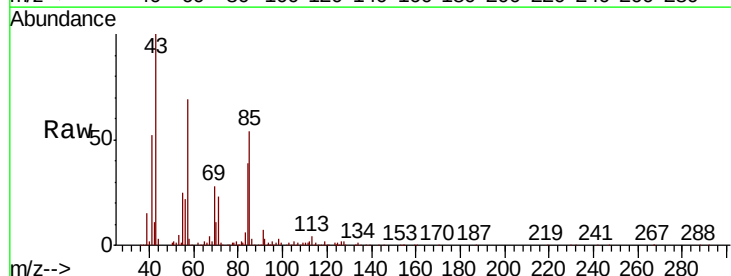
Instrument :
 MSVOA_L
 ClientSampleId :

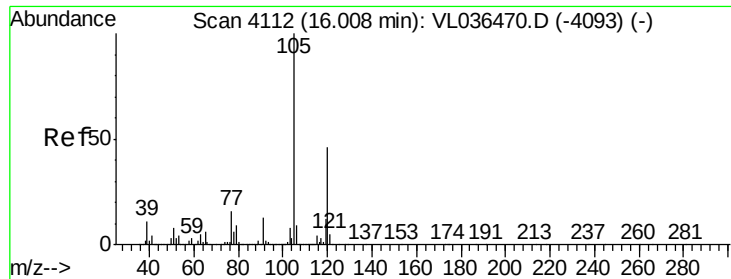
Tot Ion	Ratio	Lower	Upper
119	100		
134	0.0	20.6	30.8#
91	0.0	25.0	37.6#



#70
 n-Butylbenzene
 Concen: 0.059 ppbv
 RT: 18.54 min Scan# 4898
 Delta R.T. -0.02 min
 Lab File: VL036586.D
 Acq: 31 Mar 2021 1:51

Tgt Ion	Ratio	Lower	Upper
91	100		
92	0.0	43.8	65.8#
134	54.0	18.0	27.0#





#73

1,3,5-Trimethylbenzene

Concen: 0.031 ppbv

RT: 15.98 min Scan# 4102

Delta R.T. -0.03 min

Lab File: VL036586.D

Acq: 31 Mar 2021 1:51

Instrument :

MSVOA_L

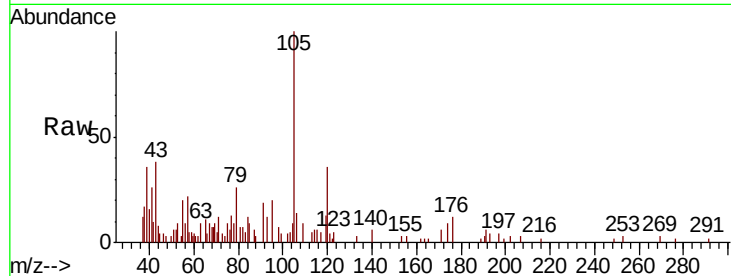
ClientSampleId :

Tot Ion:105 Resp: 10951

Ion Ratio Lower Upper

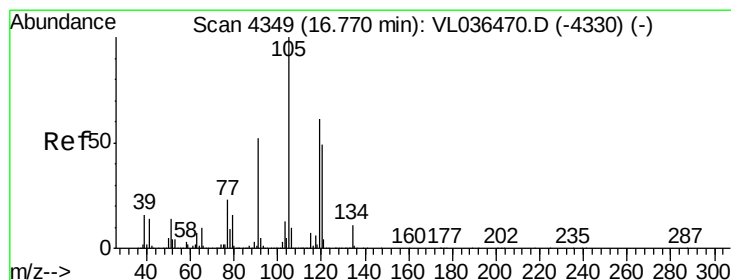
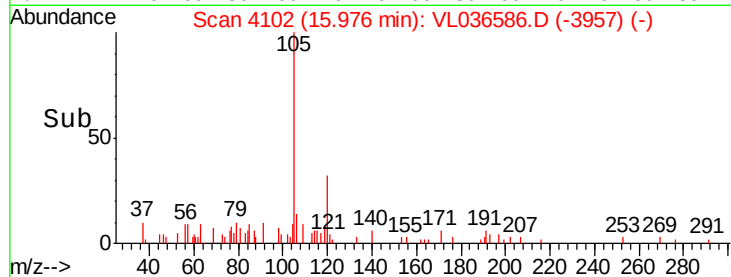
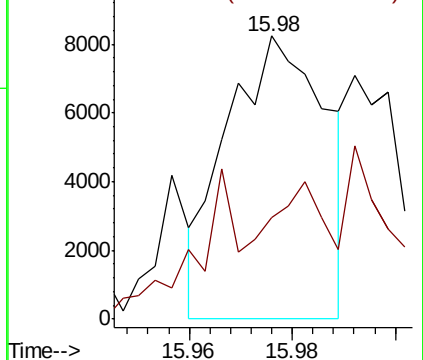
105 100

120 17.0 36.6 54.8#



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V



#74

1,2,4-Trimethylbenzene

Concen: 0.195 ppbv

RT: 16.74 min Scan# 4341

Delta R.T. -0.03 min

Lab File: VL036586.D

Acq: 31 Mar 2021 1:51

Tgt Ion:105 Resp: 74058

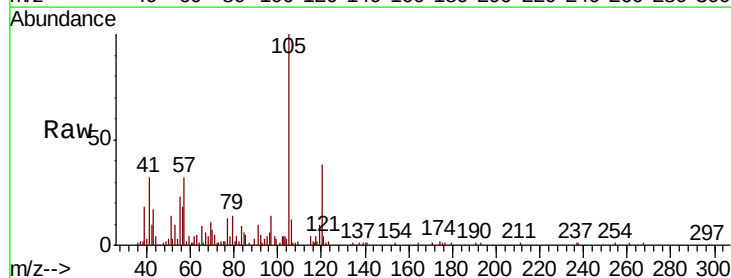
Ion Ratio Lower Upper

105 100

120 38.8 39.2 58.8#

91 7.1 42.6 64.0#

77 9.7 18.6 28.0#



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

