

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL033021\
 Data File : VL036572.D
 Acq On : 30 Mar 2021 16:42
 Operator : SY/AP
 Sample : M1797-03
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Mar 31 05:15:48 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	1471554	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	3532440	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.07	117	3200071	10.00	ppbv	-0.03

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.40	95	2619799	10.27	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.70%

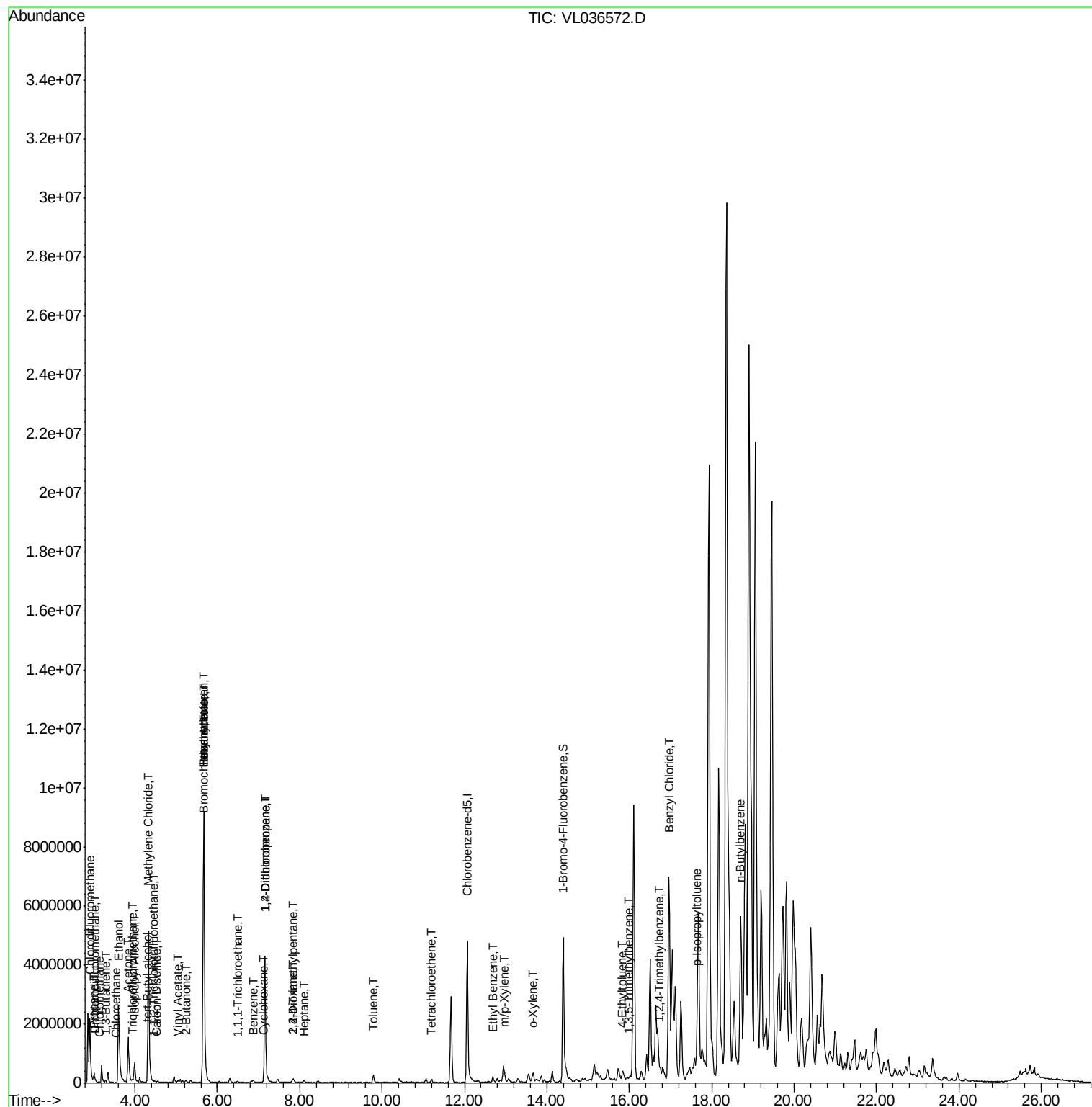
Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.03	85	55969	0.233	ppbv 90
3) Chlorodifluoromethane	2.91	51	367326	1.336	ppbv # 59
4) Chloromethane	3.13	50	25714	0.265	ppbv # 87
7) Chloroethane	3.54	64	2667	0.078	ppbv 94
9) Propene	3.01	41	88554	1.010	ppbv # 82
10) Heptane	8.10	43	11322	0.051	ppbv # 1
11) Trichlorofluoromethane	3.93	101	52543	0.215	ppbv 86
12) 1,1,2-Trichlorotrifluoroet	4.47	101	5889	0.038	ppbv # 1
13) Ethanol	3.60	45	3990307	382.300	ppbv 93
15) Acetone	3.84	43	2098924	14.492	ppbv 99
16) 1,3-Butadiene	3.29	39	26700	0.265	ppbv # 22
17) tert-Butyl alcohol	4.29	59	31334	0.249	ppbv # 42
19) Isopropyl Alcohol	3.99	45	348842	4.378	ppbv # 1
20) Methylene Chloride	4.33	84	2074984	30.599	ppbv 98
23) Vinyl Acetate	5.06	43	6224	0.025	ppbv # 31
25) Ethyl Acetate	5.67	43	2909842	8.451	ppbv # 77
26) Hexane	5.67	57	3999528	25.029	ppbv # 46
27) Carbon Disulfide	4.53	76	36369	0.231	ppbv # 92
30) Cyclohexane	7.11	84	9307	0.072	ppbv # 1
32) 1,1,1-Trichloroethane	6.49	97	25075	0.097	ppbv 90
34) 2-Butanone	5.23	43	98560	0.572	ppbv # 85
36) Benzene	6.87	78	53127	0.163	ppbv 97
39) 1,2-Dichloropropane	7.16	63	927635	7.019	ppbv # 23
40) 1,4-Dioxane	7.84	88	5901	0.192	ppbv # 1
41) Tetrahydrofuran	5.67	42	1599348	20.117	ppbv # 54
44) 2,2,4-Trimethylpentane	7.85	57	38357	0.067	ppbv # 1
52) Tetrachloroethene	11.20	164	20626	0.172	ppbv # 77
53) Toluene	9.79	91	193248	0.557	ppbv 98
58) Ethyl Benzene	12.69	91	164693	0.354	ppbv 91
59) m/p-Xylene	12.98	91	119048	0.293	ppbv # 32
60) o-Xylene	13.67	91	188932	0.481	ppbv 95
66) Benzyl Chloride	16.96	91	1284	0.025	ppbv # 1
69) p-Isopropyltoluene	17.64	119	62497	0.124	ppbv # 46
70) n-Butylbenzene	18.69	91	53838	0.103	ppbv 99
72) 4-Ethyltoluene	15.82	105	18241	0.042	ppbv # 42
73) 1,3,5-Trimethylbenzene	15.98	105	23771	0.059	ppbv 96
74) 1,2,4-Trimethylbenzene	16.74	105	147768	0.344	ppbv # 64

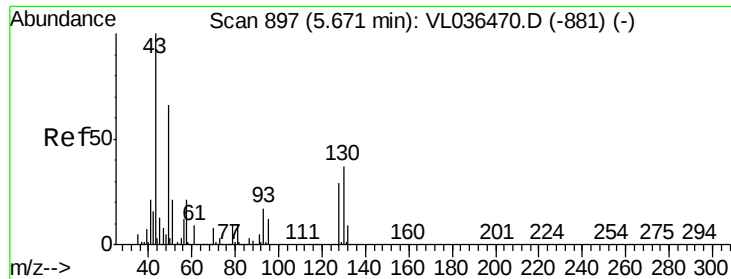
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL033021\
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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





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 890

Delta R.T. -0.02 min

Lab File: VL036572.D

Acq: 30 Mar 2021 16:42

Instrument :

MSVOA_L

ClientSampled :

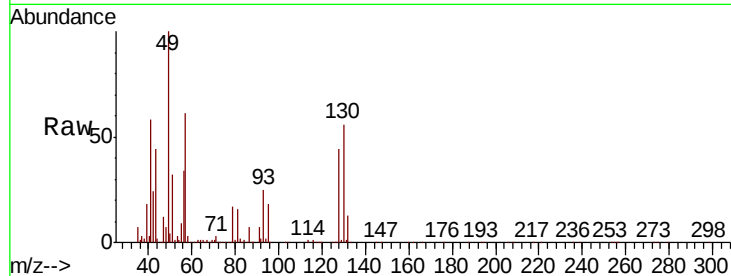
Tot Ion: 49 Resp: 1471554

Ion Ratio Lower Upper

49 100

128 44.9 23.5 70.6

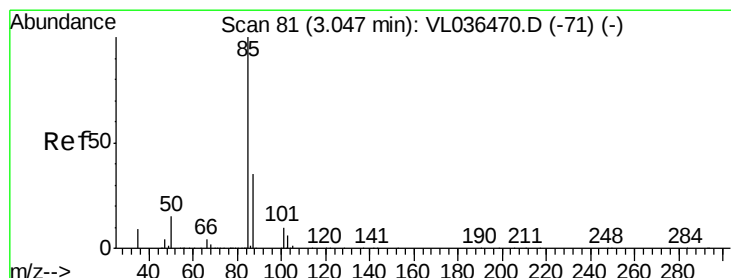
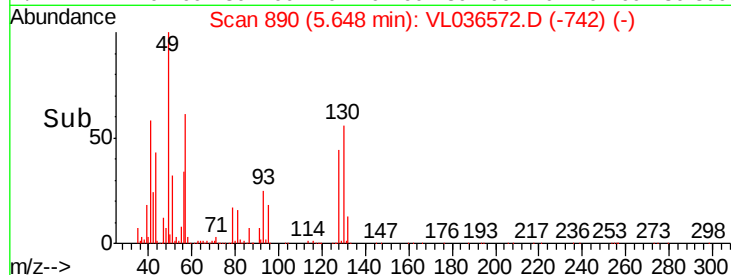
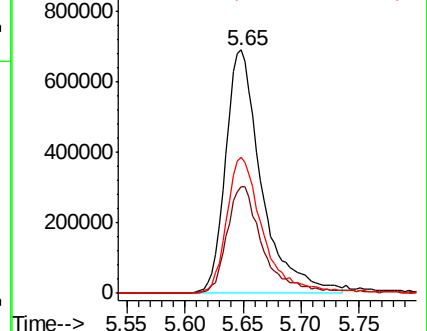
130 58.6 29.1 87.4



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 0.233 ppbv

RT: 3.03 min Scan# 76

Delta R.T. -0.02 min

Lab File: VL036572.D

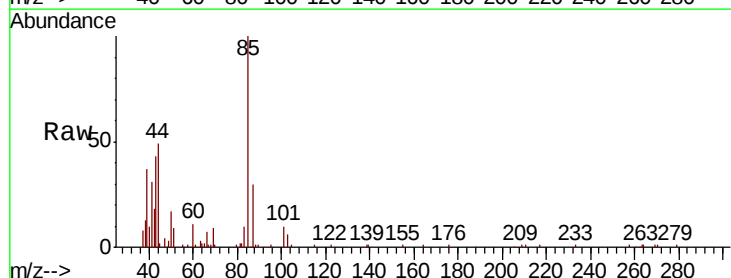
Acq: 30 Mar 2021 16:42

Tgt Ion: 85 Resp: 55969

Ion Ratio Lower Upper

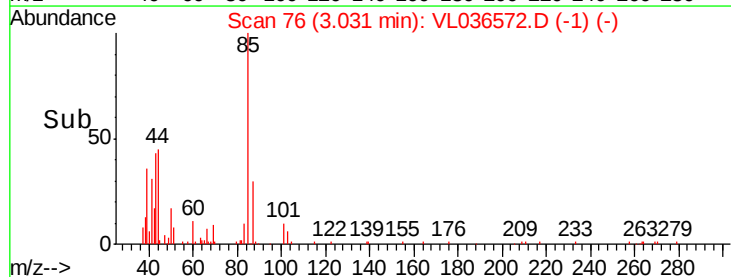
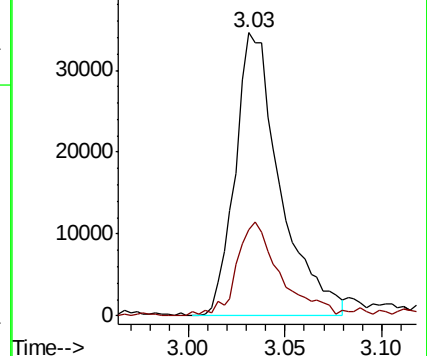
85 100

87 28.9 27.8 41.8



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0

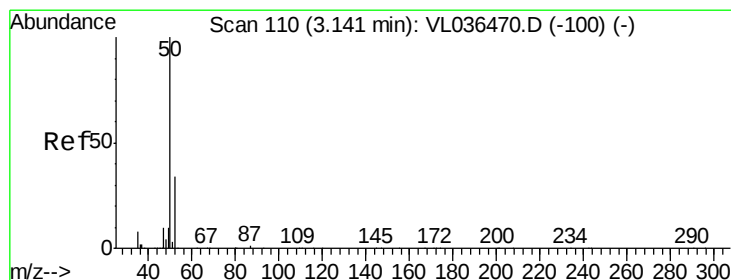
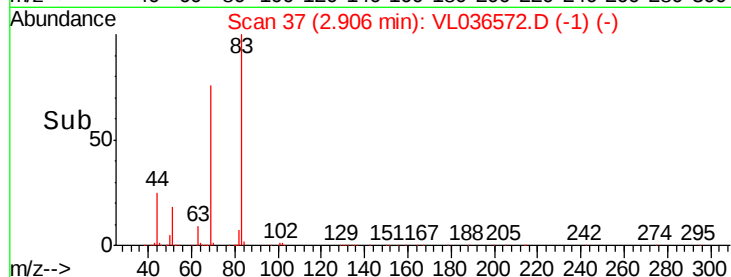
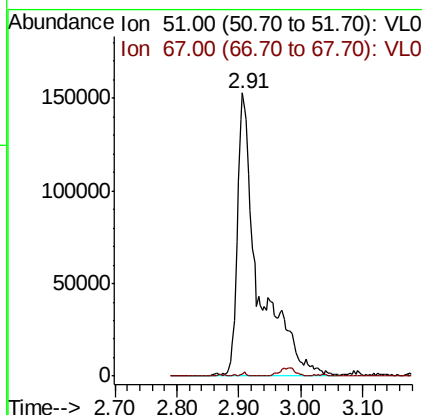
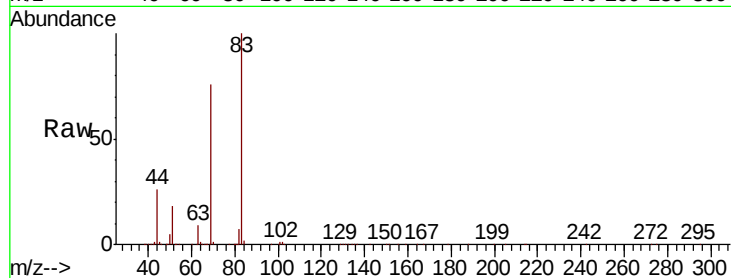




#3
Chlorodifluoromethane
Concen: 1.336 ppbv
RT: 2.91 min Scan# 37
Delta R.T. -0.08 min
Lab File: VL036572.D
Acq: 30 Mar 2021 16:42

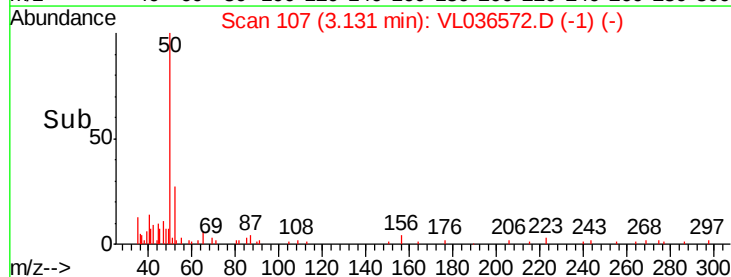
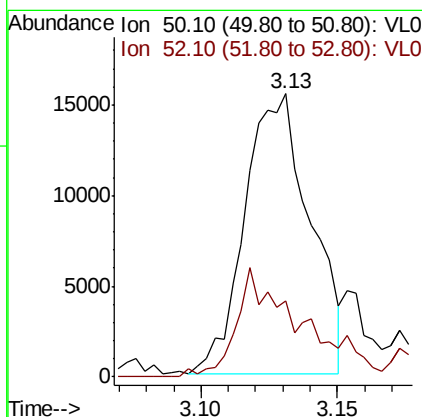
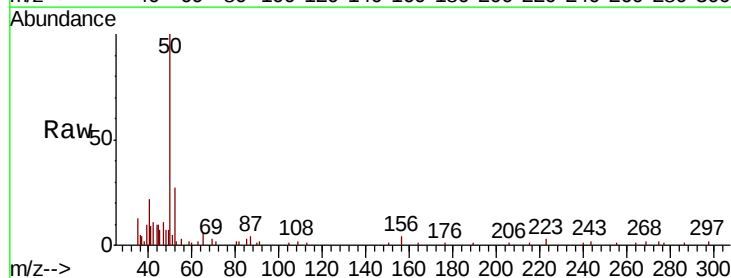
Instrument :
MSVOA_L
ClientSampleId :

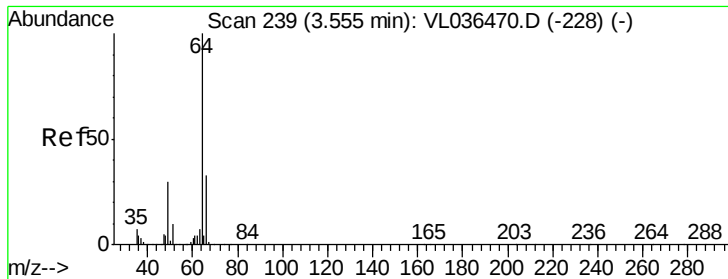
Tot Ion: 51 Resp: 367326
Ion Ratio Lower Upper
51 100
67 0.3 14.7 22.1#



#4
Chloromethane
Concen: 0.265 ppbv
RT: 3.13 min Scan# 107
Delta R.T. -0.01 min
Lab File: VL036572.D
Acq: 30 Mar 2021 16:42

Tgt Ion: 50 Resp: 25714
Ion Ratio Lower Upper
50 100
52 26.6 27.0 40.6#





#7

Chloroethane

Concen: 0.078 ppbv

RT: 3.54 min Scan# 234

Delta R.T. -0.02 min

Lab File: VL036572.D

Acq: 30 Mar 2021 16:42

Instrument :

MSVOA_L

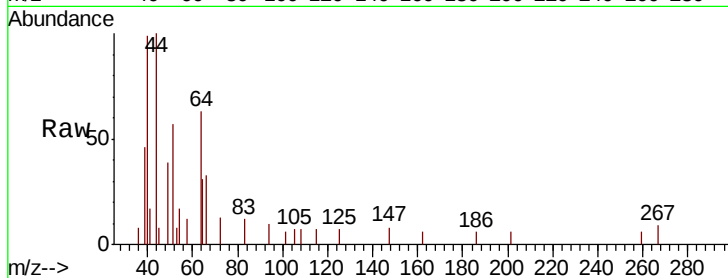
ClientSampleId :

Tot Ion: 64 Resp: 2667

Ion Ratio Lower Upper

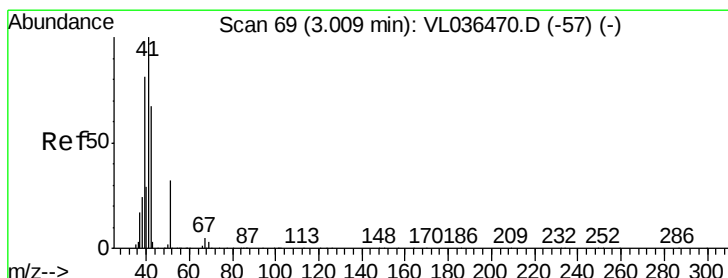
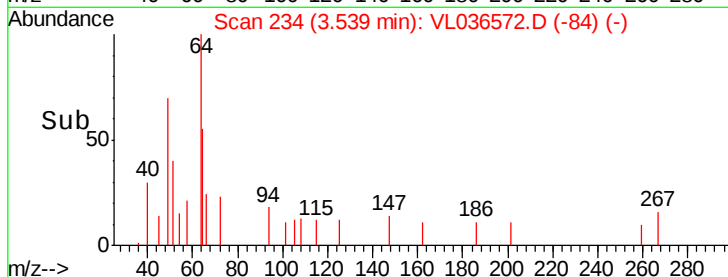
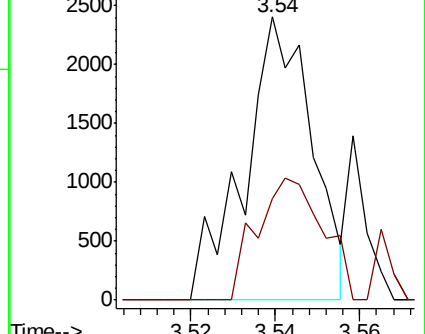
64 100

66 35.8 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: 1.010 ppbv

RT: 3.01 min Scan# 68

Delta R.T. -0.00 min

Lab File: VL036572.D

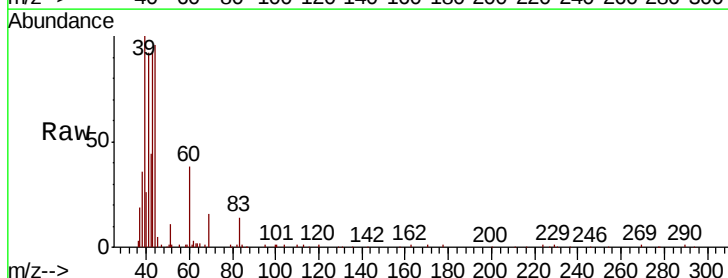
Acq: 30 Mar 2021 16:42

Tgt Ion: 41 Resp: 88554

Ion Ratio Lower Upper

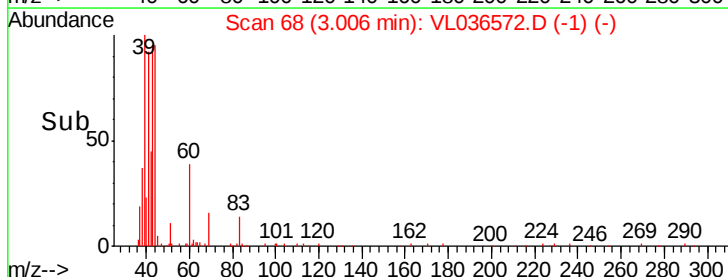
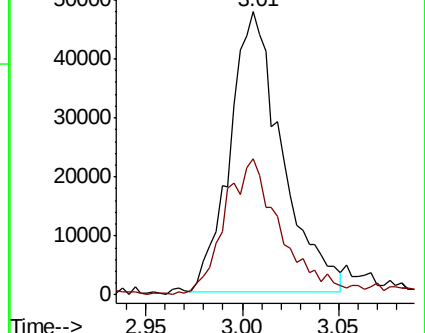
41 100

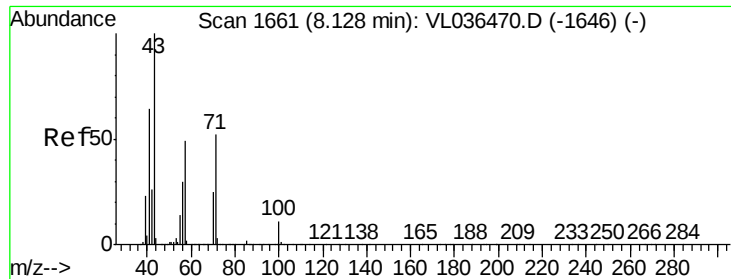
42 56.3 57.0 85.4#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

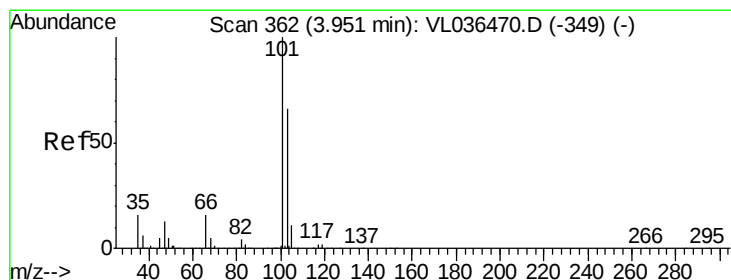
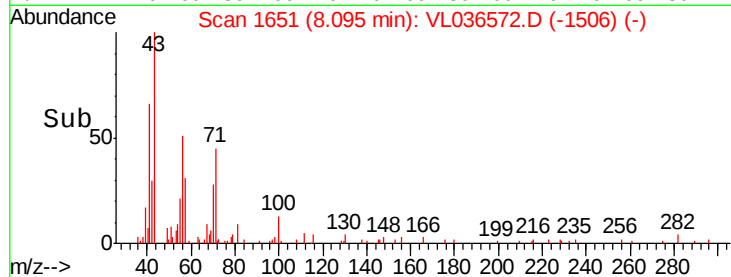
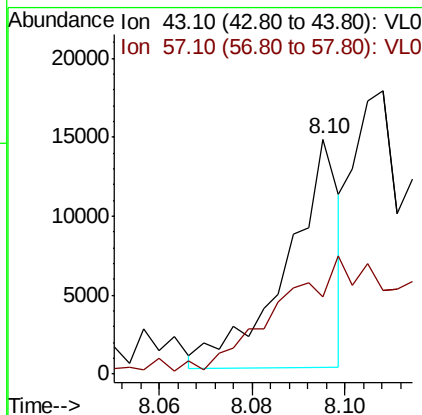
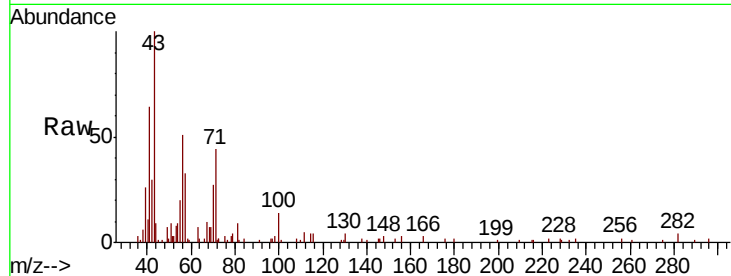




#10
 Heptane
 Concen: 0.051 ppbv
 RT: 8.10 min Scan# 1651
 Delta R.T. -0.03 min
 Lab File: VL036572.D
 Acq: 30 Mar 2021 16:42

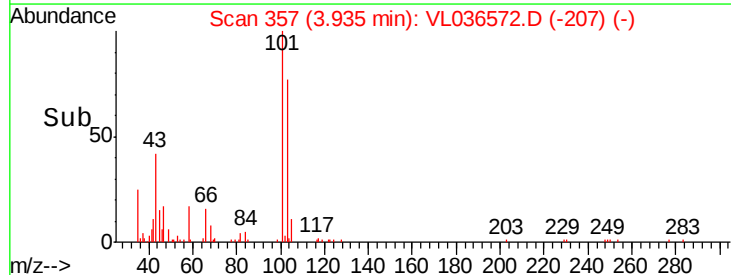
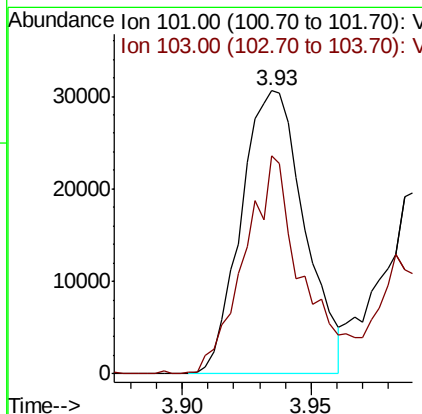
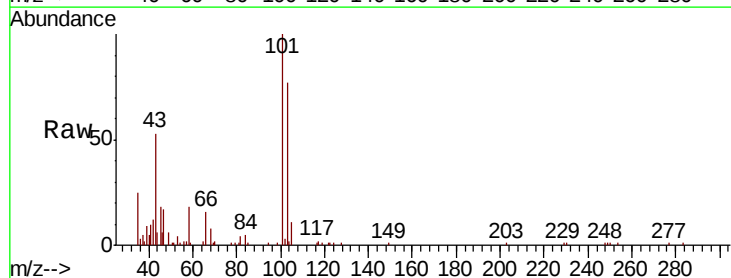
Instrument :
 MSVOA_L
 ClientSampleId :

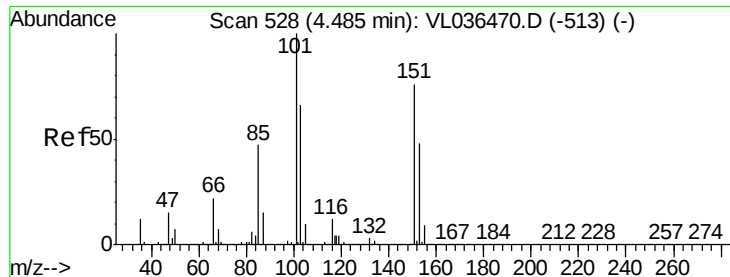
Tot Ion: 43 Resp: 11322
 Ion Ratio Lower Upper
 43 100
 57 169.6 39.0 58.6#



#11
 Trichlorofluoromethane
 Concen: 0.215 ppbv
 RT: 3.93 min Scan# 357
 Delta R.T. -0.02 min
 Lab File: VL036572.D
 Acq: 30 Mar 2021 16:42

Tgt Ion:101 Resp: 52543
 Ion Ratio Lower Upper
 101 100
 103 76.5 52.5 78.7





#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.038 ppbv

RT: 4.47 min Scan# 523

Delta R.T. -0.02 min

Lab File: VL036572.D

Acq: 30 Mar 2021 16:42

Instrument :

MSVOA_L

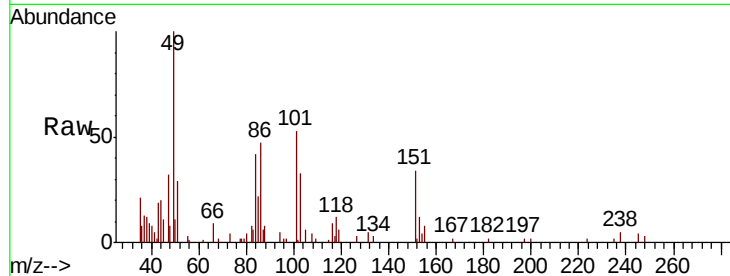
ClientSampleId :

Tot Ion:101 Resp: 5889

Ion Ratio Lower Upper

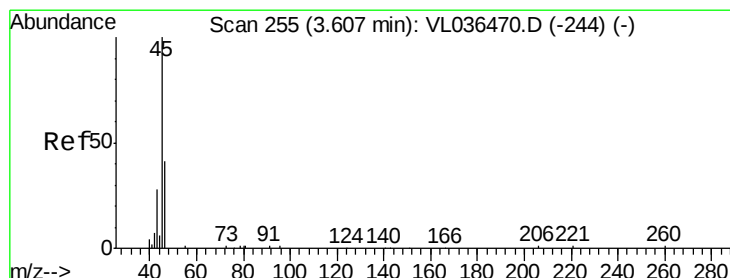
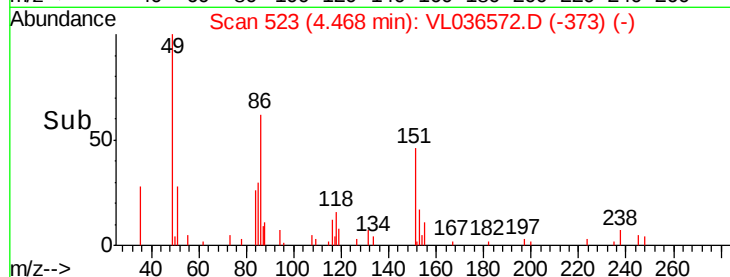
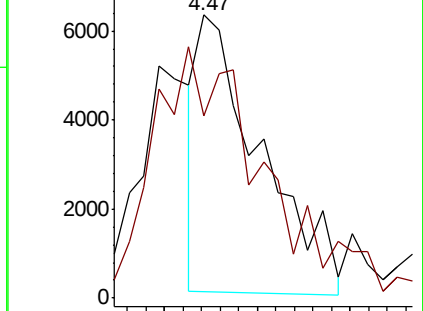
101 100

151 168.7 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: 382.300 ppbv

RT: 3.60 min Scan# 254

Delta R.T. -0.00 min

Lab File: VL036572.D

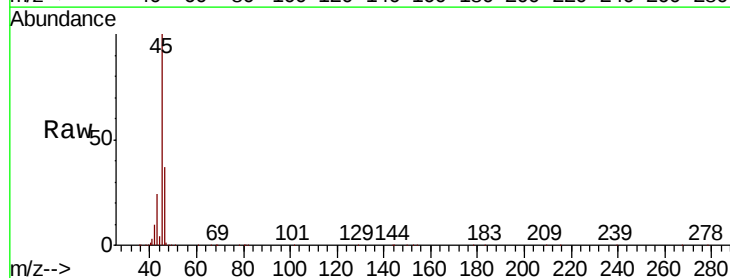
Acq: 30 Mar 2021 16:42

Tgt Ion: 45 Resp: 3990307

Ion Ratio Lower Upper

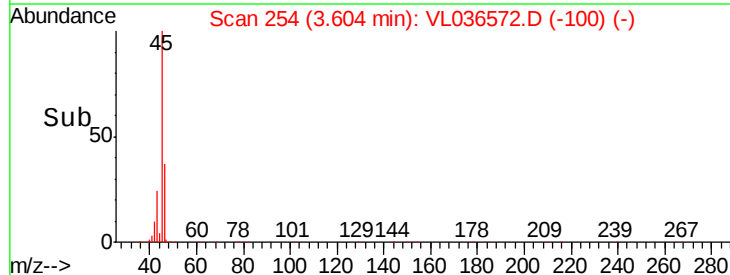
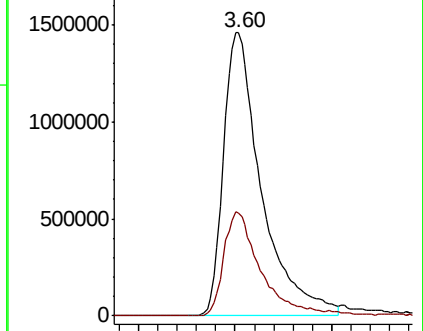
45 100

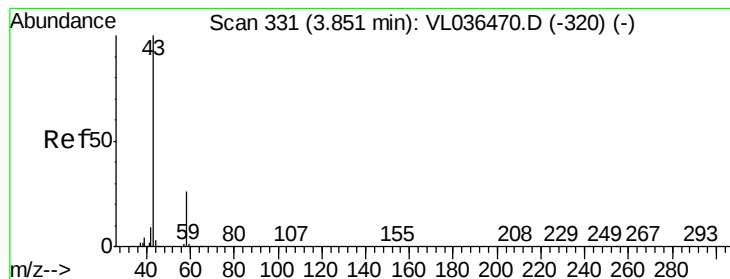
46 36.9 16.6 66.2



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





#15

Acetone

Concen: 14.492 ppbv

RT: 3.84 min Scan# 326

Delta R.T. -0.02 min

Lab File: VL036572.D

Acq: 30 Mar 2021 16:42

Instrument :

MSVOA_L

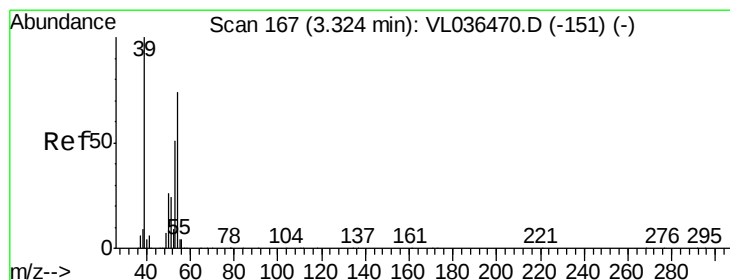
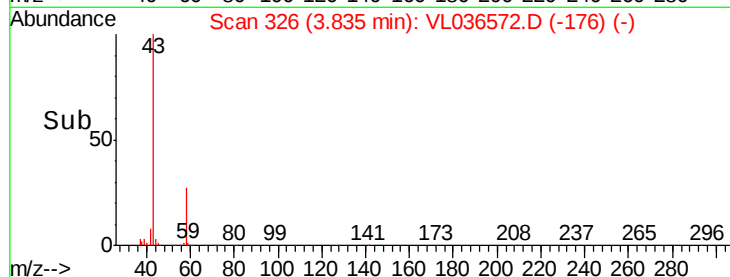
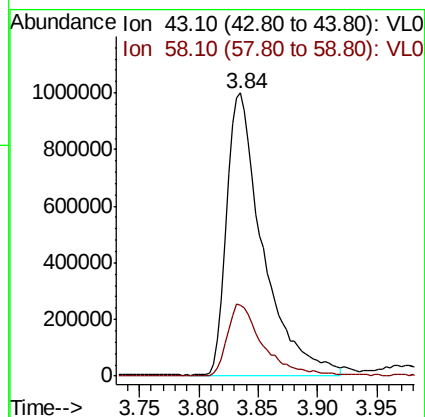
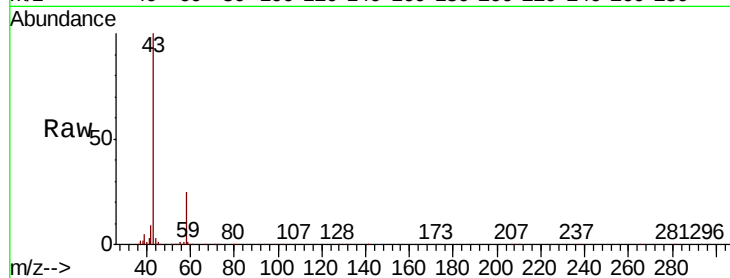
ClientSampleId :

Tot Ion: 43 Resp: 2098924

Ion Ratio Lower Upper

43 100

58 25.8 21.2 31.8



#16

1,3-Butadiene

Concen: 0.265 ppbv

RT: 3.29 min Scan# 157

Delta R.T. -0.03 min

Lab File: VL036572.D

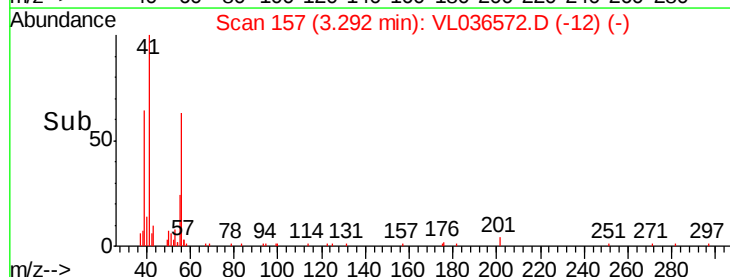
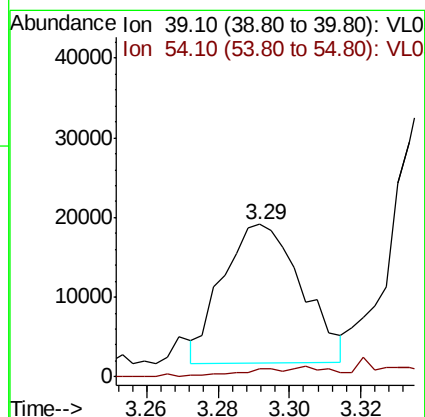
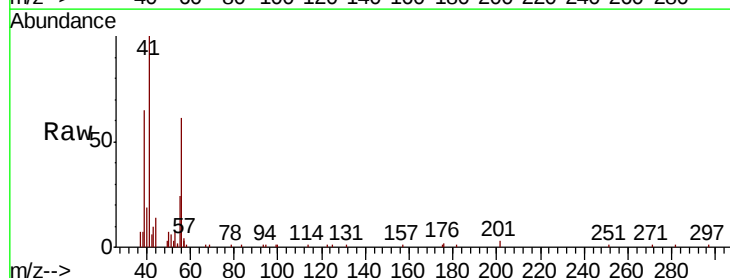
Acq: 30 Mar 2021 16:42

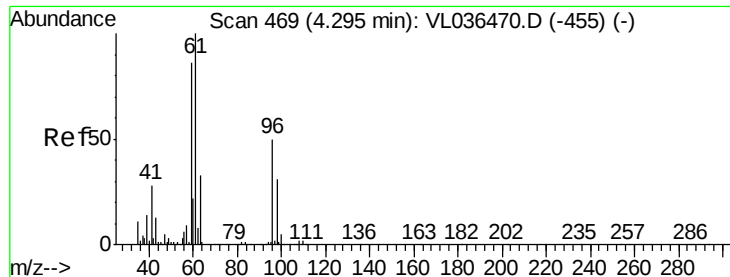
Tgt Ion: 39 Resp: 26700

Ion Ratio Lower Upper

39 100

54 7.5 58.8 88.2#



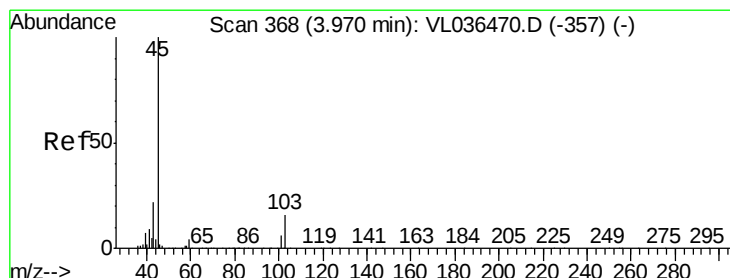
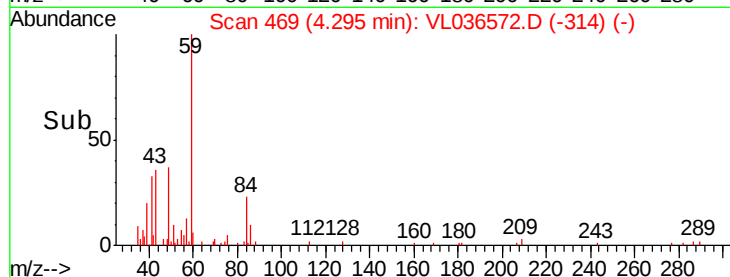
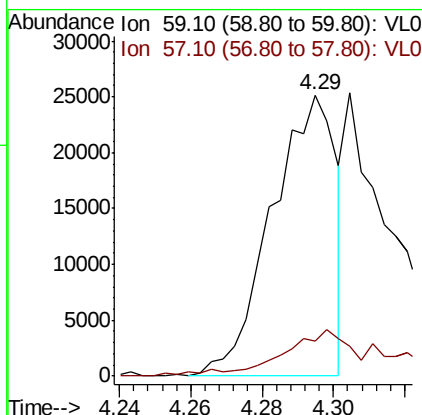
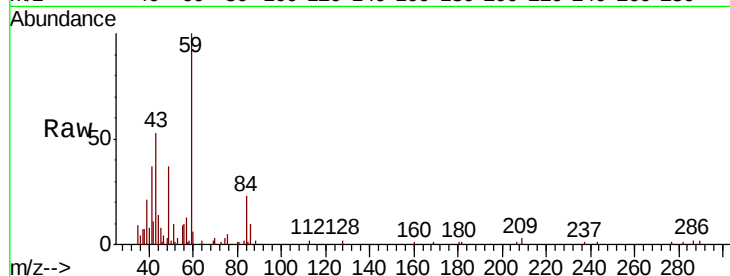


#17

tert-Butyl alcohol
Concen: 0.249 ppbv
RT: 4.29 min Scan# 469
Delta R.T. -0.00 min
Lab File: VL036572.D
Acq: 30 Mar 2021 16:42

Instrument :
MSVOA_L
ClientSampled :

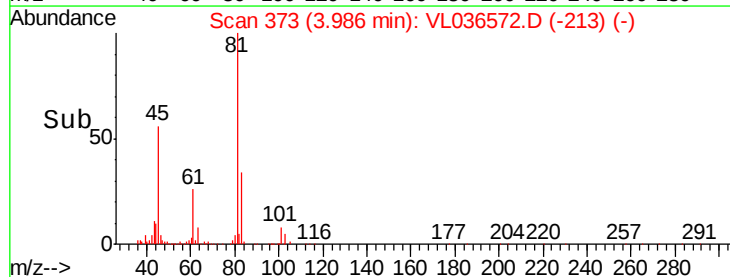
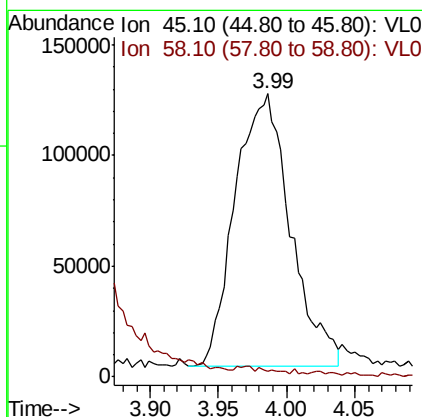
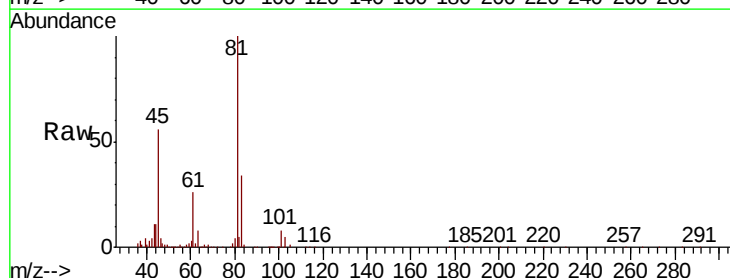
Tot Ion: 59 Resp: 31334
Ion Ratio Lower Upper
59 100
57 32.6 8.6 12.8#

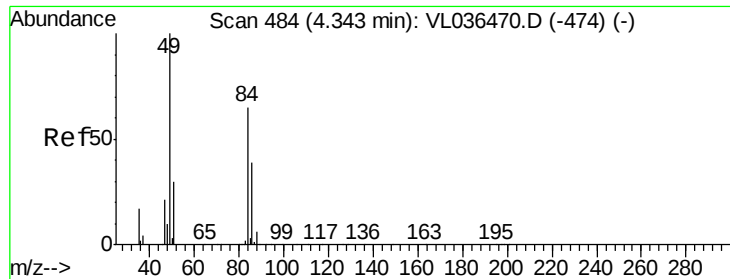


#19

Isopropyl Alcohol
Concen: 4.378 ppbv
RT: 3.99 min Scan# 373
Delta R.T. 0.02 min
Lab File: VL036572.D
Acq: 30 Mar 2021 16:42

Tgt Ion: 45 Resp: 348842
Ion Ratio Lower Upper
45 100
58 160.4 2.9 4.3#



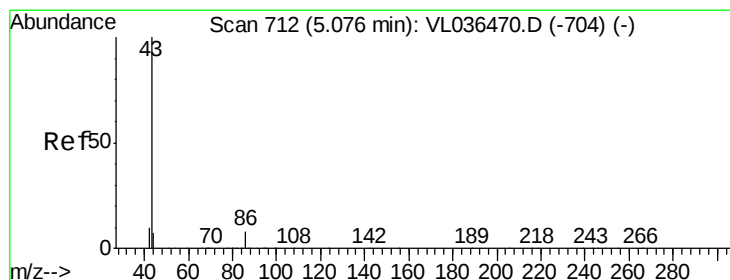
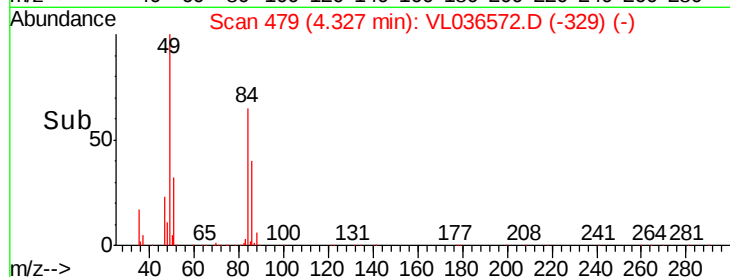
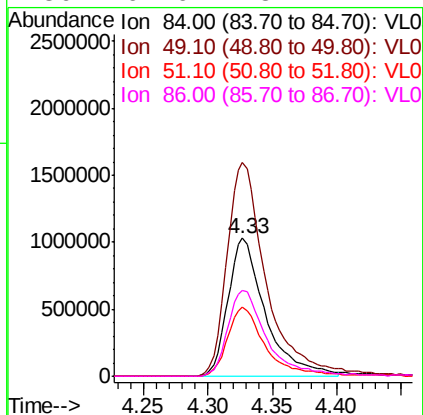
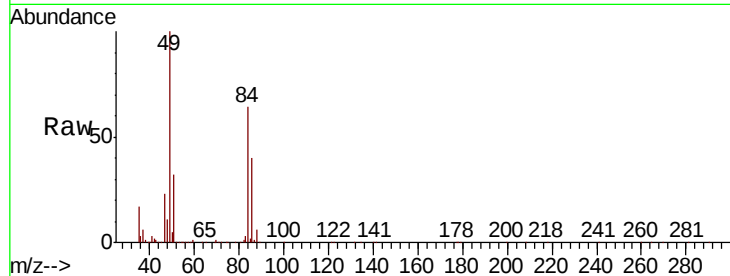


#20
Methylene Chloride
Concen: 30.599 ppbv
RT: 4.33 min Scan# 479
Delta R.T. -0.02 min
Lab File: VL036572.D
Acq: 30 Mar 2021 16:42

Instrument :
MSVOA_L
ClientSampled :

Tot Ion: 84 Resp: 2074984

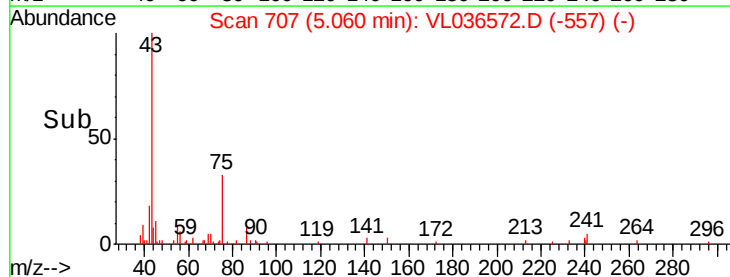
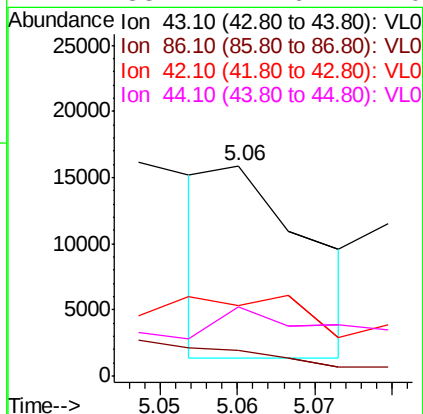
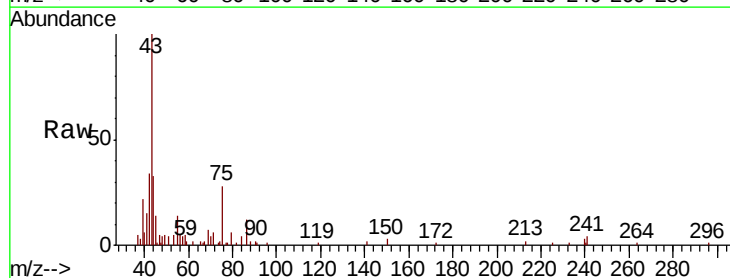
Ion	Ratio	Lower	Upper
84	100		
49	155.0	122.9	184.3
51	50.0	36.9	55.3
86	62.6	48.2	72.4

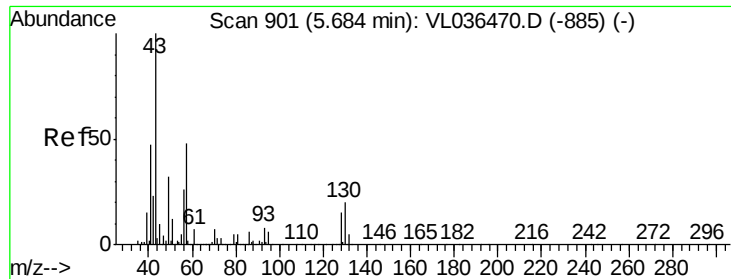


#23
Vinyl Acetate
Concen: 0.025 ppbv
RT: 5.06 min Scan# 707
Delta R.T. -0.02 min
Lab File: VL036572.D
Acq: 30 Mar 2021 16:42

Tgt Ion: 43 Resp: 6224

Ion	Ratio	Lower	Upper
43	100		
86	19.0	5.4	8.0#
42	38.8	8.5	12.7#
44	38.1	4.6	7.0#



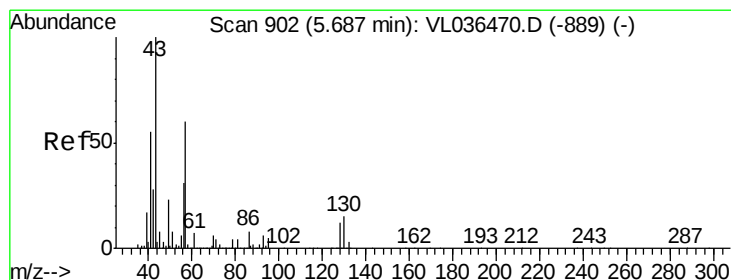
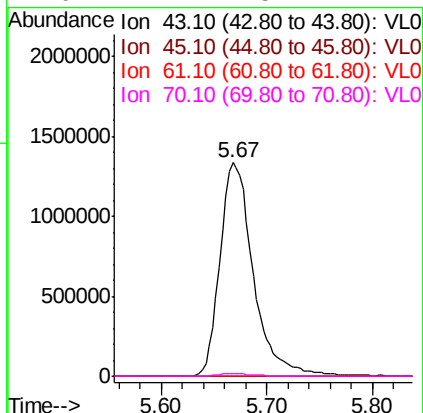
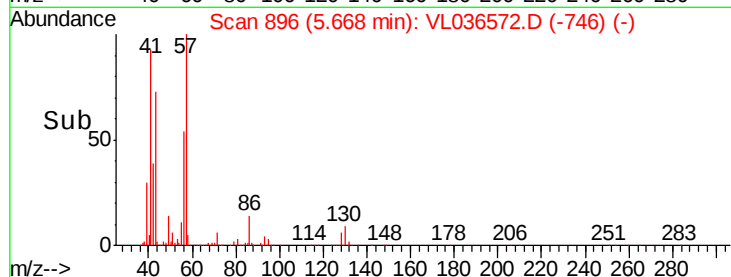
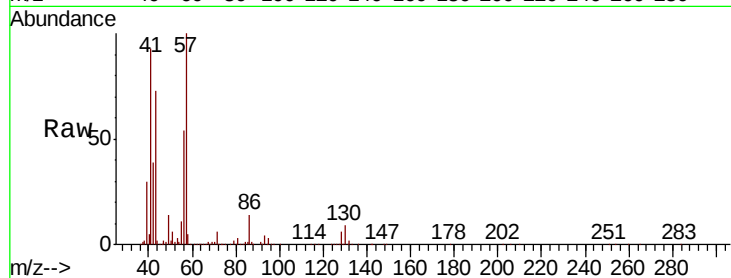


#25
Ethyl Acetate
Concen: 8.451 ppbv
RT: 5.67 min Scan# 896
Delta R.T. -0.02 min
Lab File: VL036572.D
Acq: 30 Mar 2021 16:42

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 43 Resp: 2909842

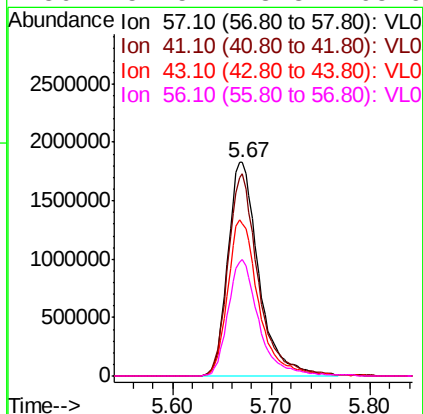
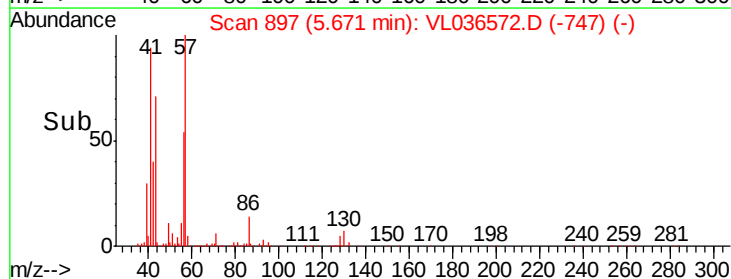
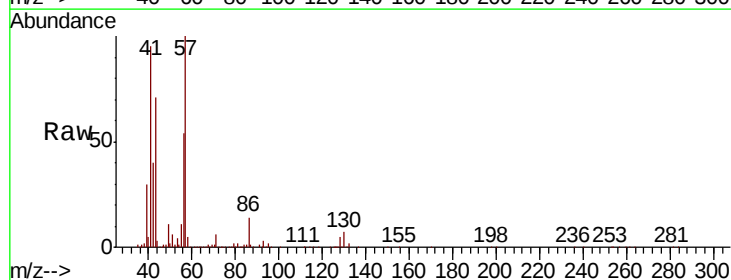
Ion	Ratio	Lower	Upper
43	100		
45	0.3	7.9	11.9#
61	0.2	7.4	11.2#
70	1.4	5.1	7.7#

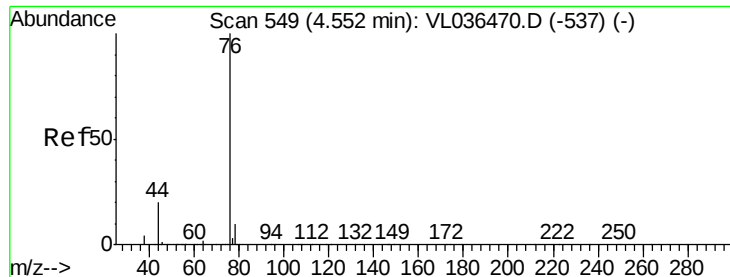


#26
Hexane
Concen: 25.029 ppbv
RT: 5.67 min Scan# 897
Delta R.T. -0.02 min
Lab File: VL036572.D
Acq: 30 Mar 2021 16:42

Tgt Ion: 57 Resp: 3999528

Ion	Ratio	Lower	Upper
57	100		
41	93.8	77.2	115.8
43	73.4	173.8	260.6#
56	54.5	43.8	65.6





#27

Carbon Disulfide

Concen: 0.231 ppbv

RT: 4.53 min Scan# 542

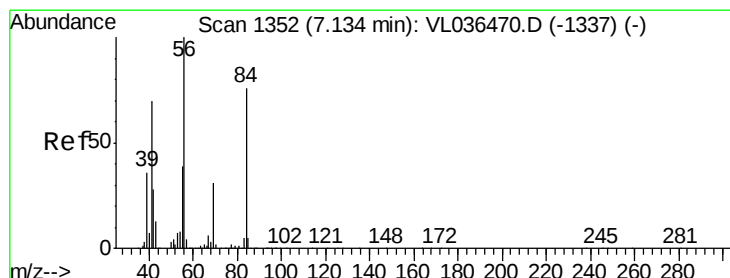
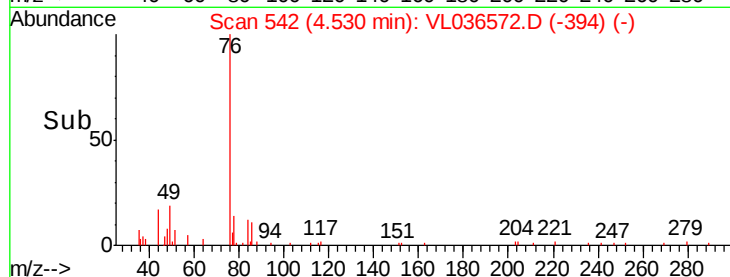
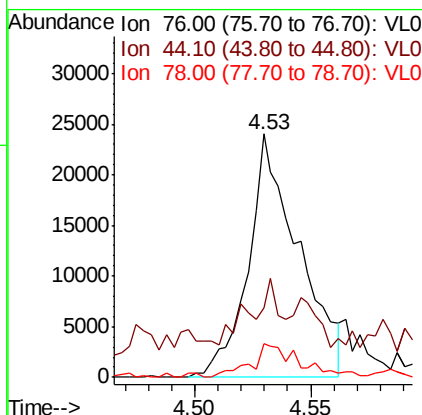
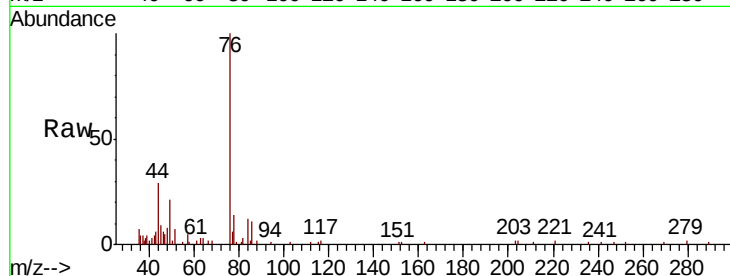
Delta R.T. -0.02 min

Lab File: VL036572.D

Acq: 30 Mar 2021 16:42

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion:	76	Resp:	36369
Ion	Ratio	Lower	Upper
76	100		
44	25.4	17.5	26.3
78	14.9	8.6	13.0#



#30

Cyclohexane

Concen: 0.072 ppbv

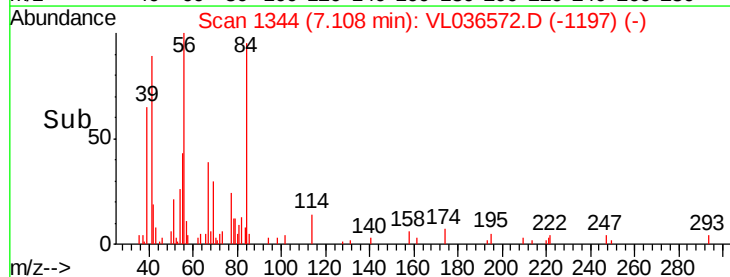
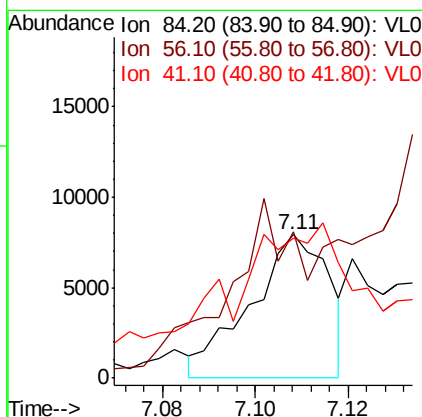
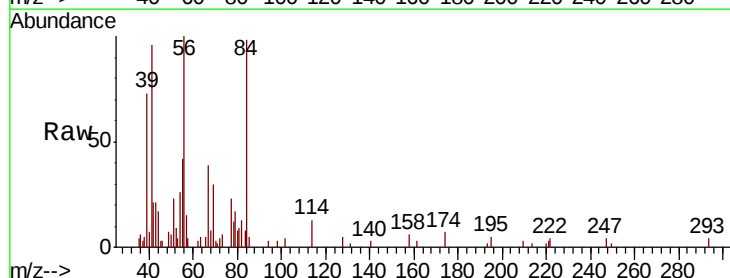
RT: 7.11 min Scan# 1344

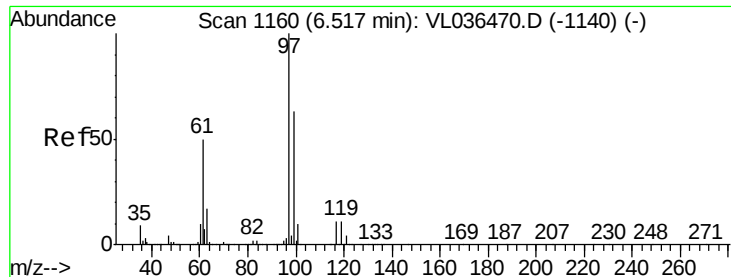
Delta R.T. -0.03 min

Lab File: VL036572.D

Acq: 30 Mar 2021 16:42

Tgt Ion:	84	Resp:	9307
Ion	Ratio	Lower	Upper
84	100		
56	0.0	114.6	171.8#
41	245.8	75.3	112.9#

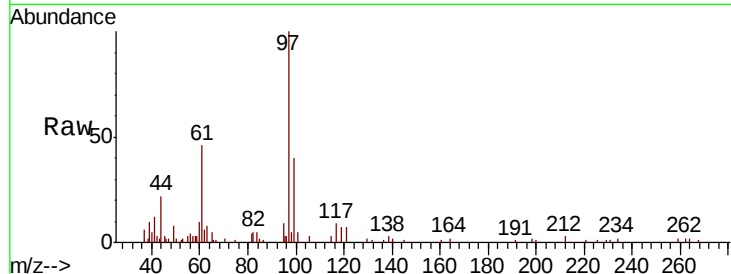




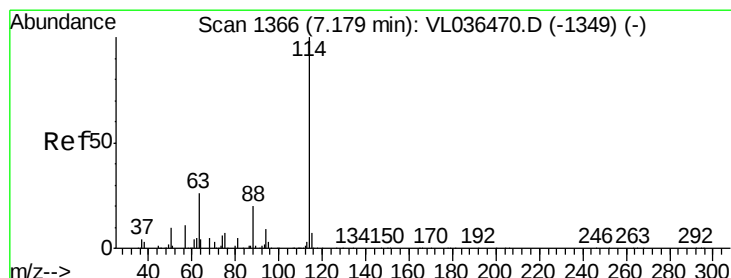
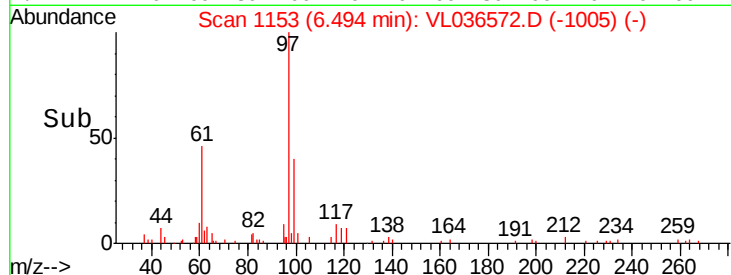
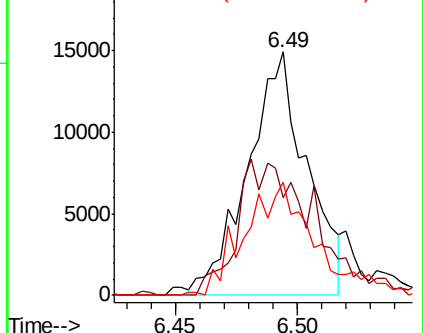
#32
 1,1,1-Trichloroethane
 Concen: 0.097 ppbv
 RT: 6.49 min Scan# 1153
 Delta R.T. -0.02 min
 Lab File: VL036572.D
 Acq: 30 Mar 2021 16:42

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion	97	Resp	25075
Ion	Ratio	Lower	Upper
97	100		
99	73.9	51.4	77.0
61	55.4	40.6	60.8

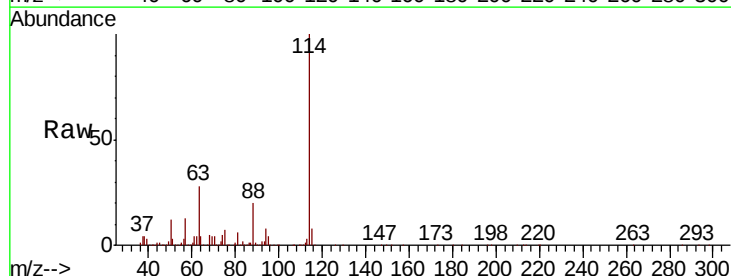


Abundance Ion 97.00 (96.70 to 97.70): VL0
 Ion 99.00 (98.70 to 99.70): VL0
 Ion 61.10 (60.80 to 61.80): VL0

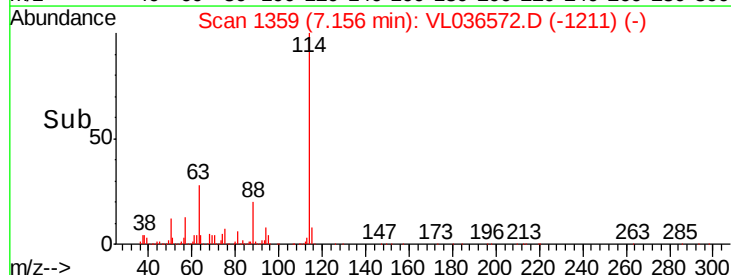
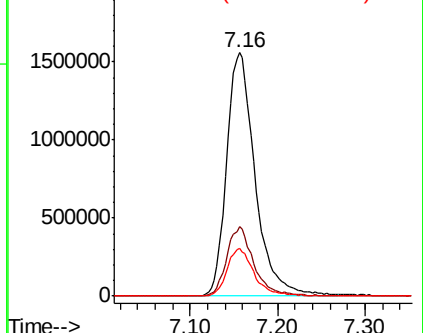


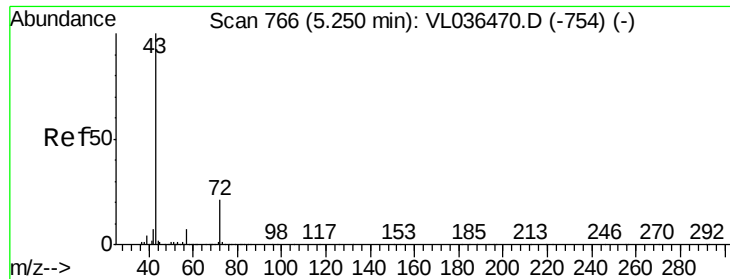
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.16 min Scan# 1359
 Delta R.T. -0.02 min
 Lab File: VL036572.D
 Acq: 30 Mar 2021 16:42

Tgt Ion	114	Resp	3532440
Ion	Ratio	Lower	Upper
114	100		
63	27.4	22.4	33.6
88	18.7	15.4	23.0



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





#34

2-Butanone

Concen: 0.572 ppbv

RT: 5.23 min Scan# 760

Delta R.T. -0.02 min

Lab File: VL036572.D

Acq: 30 Mar 2021 16:42

Instrument :

MSVOA_L

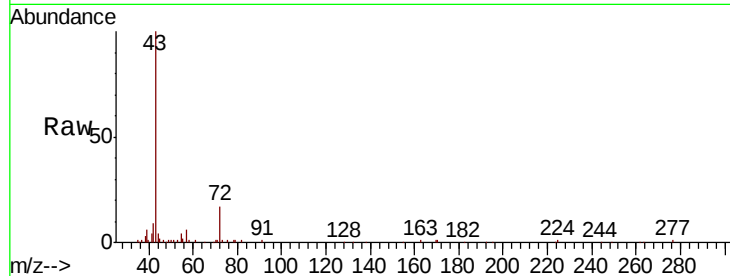
ClientSampleId :

Tot Ion: 43 Resp: 98560

Ion Ratio Lower Upper

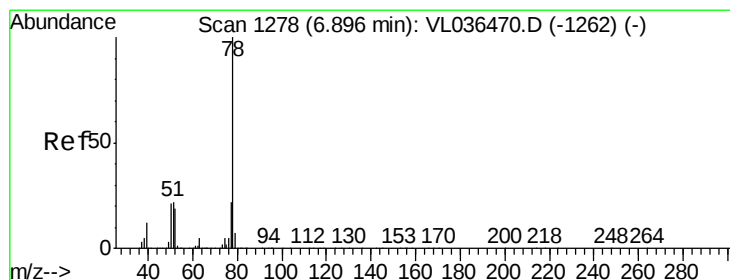
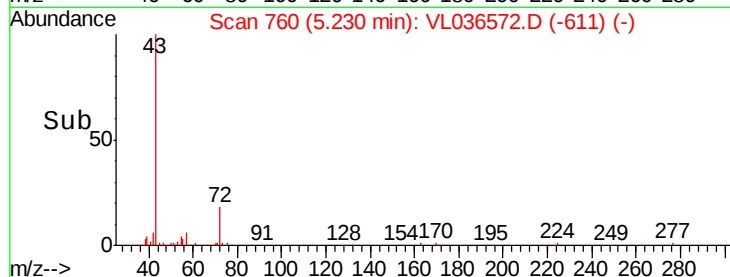
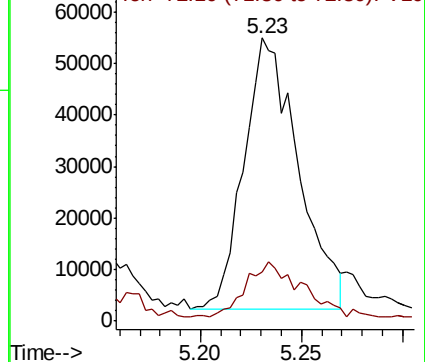
43 100

72 28.6 17.0 25.6#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 72.10 (71.80 to 72.80): VL0



#36

Benzene

Concen: 0.163 ppbv

RT: 6.87 min Scan# 1270

Delta R.T. -0.03 min

Lab File: VL036572.D

Acq: 30 Mar 2021 16:42

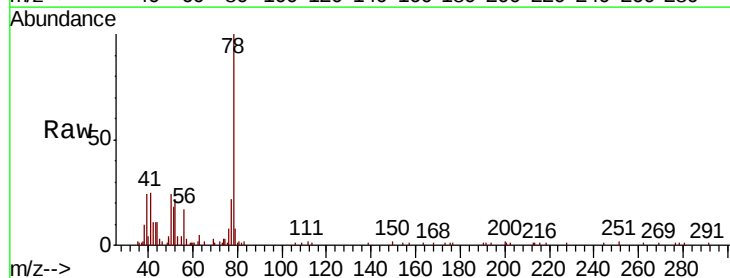
Tgt Ion: 78 Resp: 53127

Ion Ratio Lower Upper

78 100

77 21.9 18.0 27.0

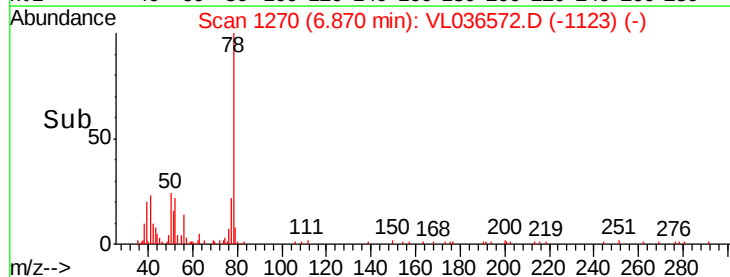
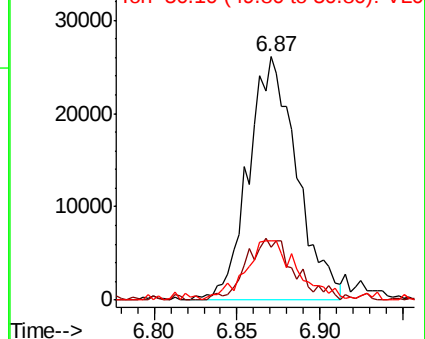
50 22.9 16.5 24.7

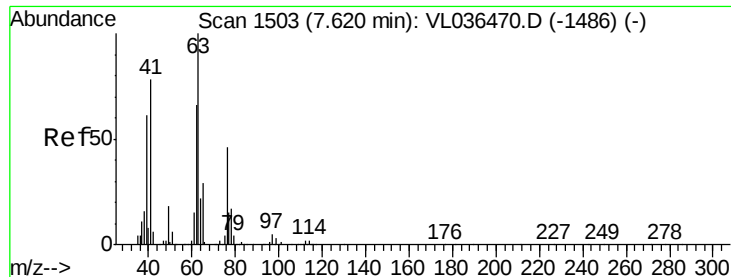


Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0





#39

1,2-Dichloropropane

Concen: 7.019 ppbv

RT: 7.16 min Scan# 1359

Delta R.T. -0.46 min

Lab File: VL036572.D

Acq: 30 Mar 2021 16:42

Instrument :

MSVOA_L

ClientSampled :

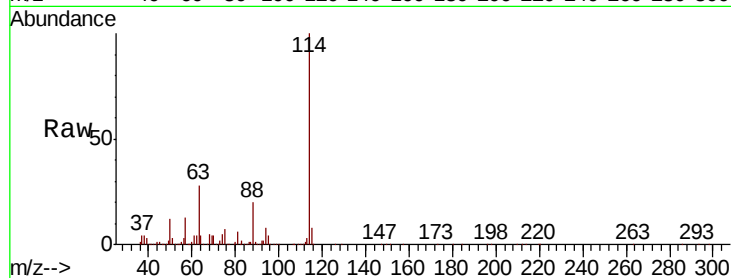
Tot Ion: 63 Resp: 927635

Ion Ratio Lower Upper

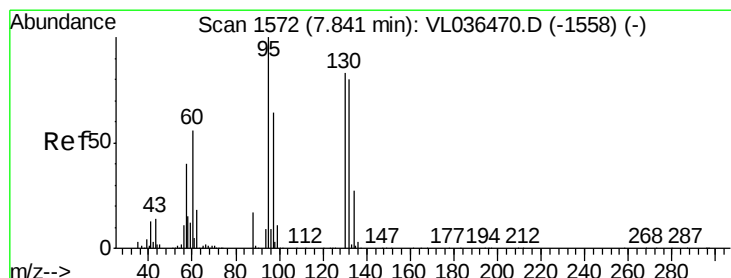
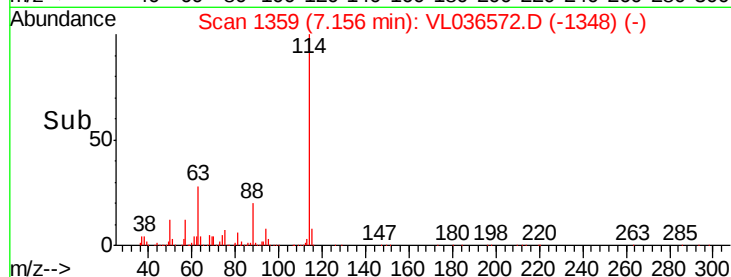
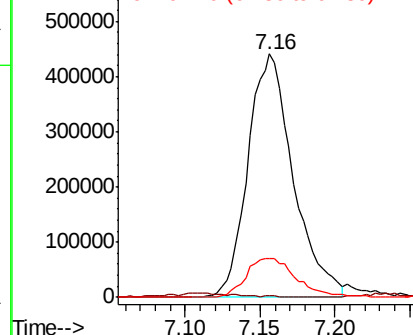
63 100

41 0.1 62.4 93.6#

62 15.9 52.8 79.2#



Abundance Ion 63.10 (62.80 to 63.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 62.10 (61.80 to 62.80): VL0



#40

1,4-Dioxane

Concen: 0.192 ppbv

RT: 7.84 min Scan# 1571

Delta R.T. -0.00 min

Lab File: VL036572.D

Acq: 30 Mar 2021 16:42

Tgt Ion: 88 Resp: 5901

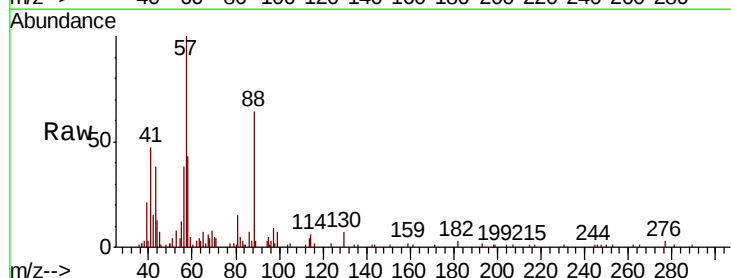
Ion Ratio Lower Upper

88 100

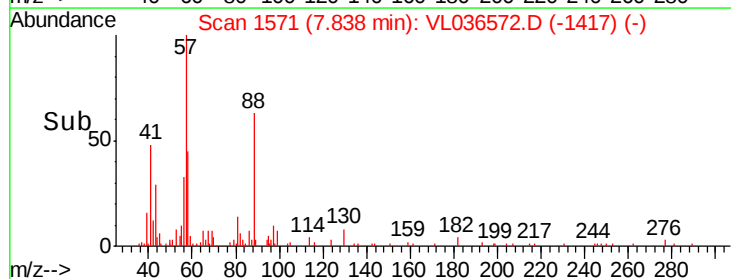
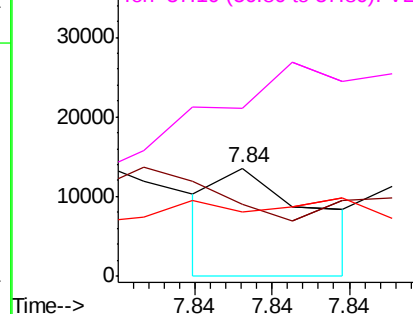
58 720.0 134.1 201.1#

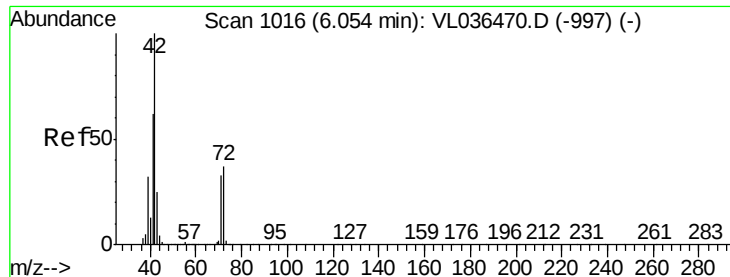
43 0.0 346.6 520.0#

57 0.0 1481.8 2222.8#



Abundance Ion 88.10 (87.80 to 88.80): VL0
Ion 58.10 (57.80 to 58.80): VL0
Ion 43.10 (42.80 to 43.80): VL0
Ion 57.10 (56.80 to 57.80): VL0

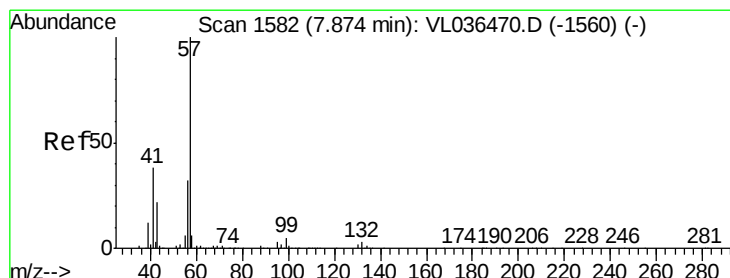
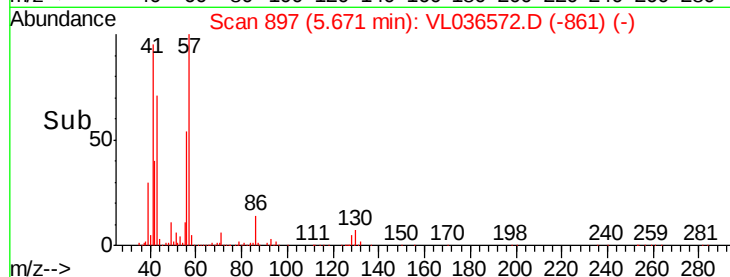
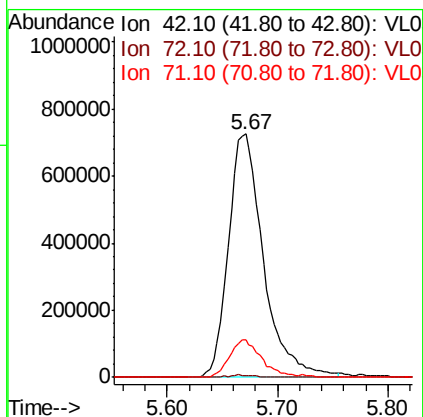
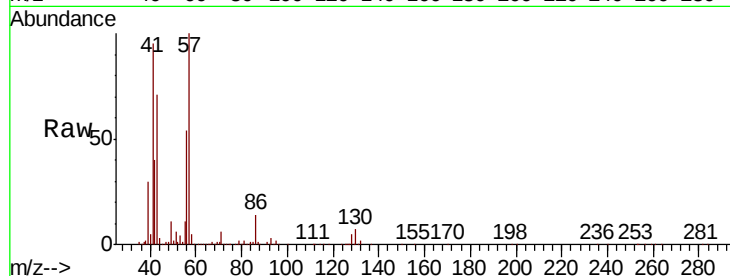




#41
Tetrahydrofuran
Concen: 20.117 ppbv
RT: 5.67 min Scan# 897
Delta R.T. -0.38 min
Lab File: VL036572.D
Acq: 30 Mar 2021 16:42

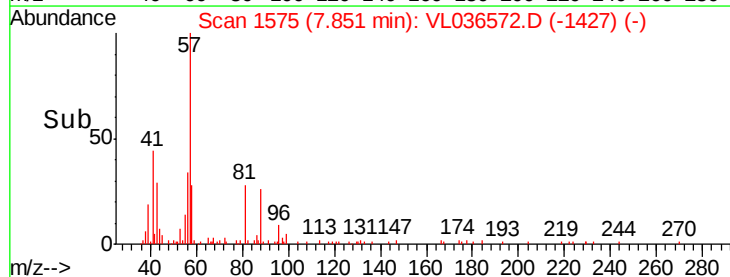
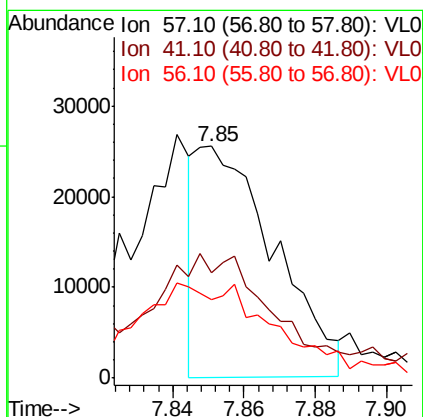
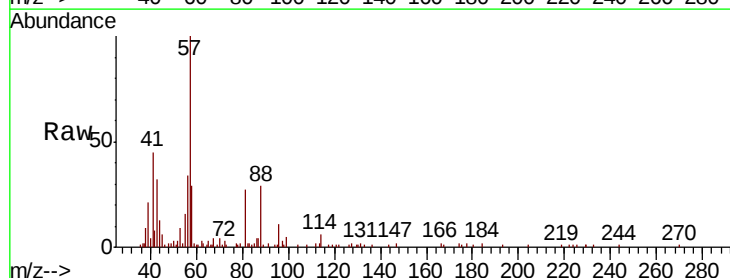
Instrument :
MSVOA_L
ClientSampled :

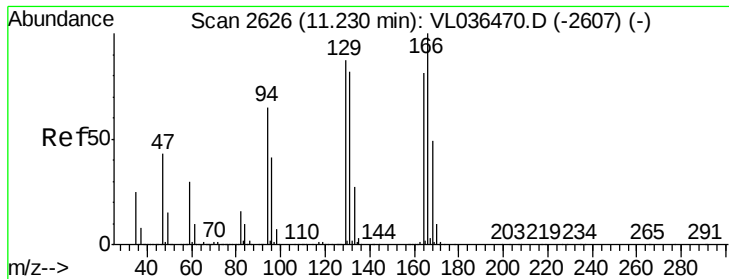
Tot Ion: 42 Resp: 1599348
Ion Ratio Lower Upper
42 100
72 1.0 27.6 41.4#
71 14.6 27.0 40.4#



#44
2,2,4-Trimethylpentane
Concen: 0.067 ppbv
RT: 7.85 min Scan# 1575
Delta R.T. -0.02 min
Lab File: VL036572.D
Acq: 30 Mar 2021 16:42

Tgt Ion: 57 Resp: 38357
Ion Ratio Lower Upper
57 100
41 125.3 28.8 43.2#
56 0.0 26.1 39.1#





#52

Tetrachloroethene

Concen: 0.172 ppbv

RT: 11.20 min Scan# 2617

Delta R.T. -0.03 min

Lab File: VL036572.D

Acq: 30 Mar 2021 16:42

Instrument :

MSVOA_L

ClientSampleId :

Tot Ion:164 Resp: 20626

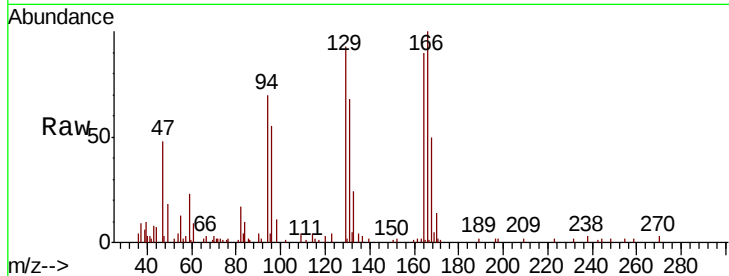
Ion Ratio Lower Upper

164 100

166 97.7 98.3 147.5#

129 102.5 85.8 128.8

131 58.2 80.9 121.3#

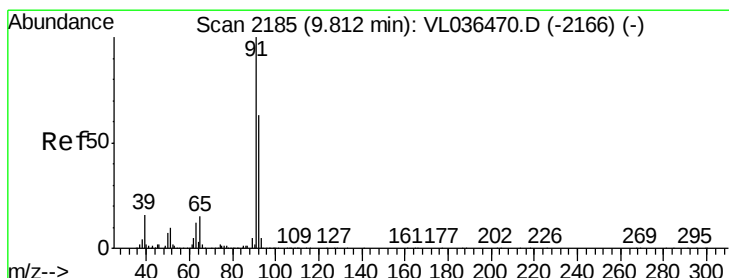
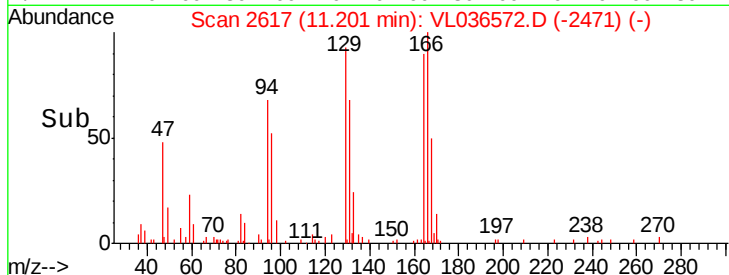
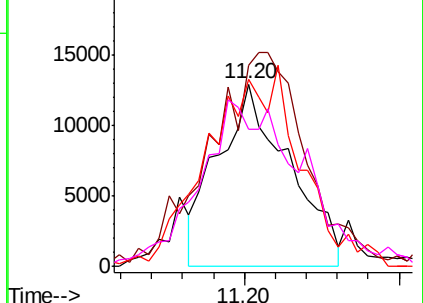


Abundance Ion 163.90 (163.60 to 164.60): V

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: 0.557 ppbv

RT: 9.79 min Scan# 2177

Delta R.T. -0.03 min

Lab File: VL036572.D

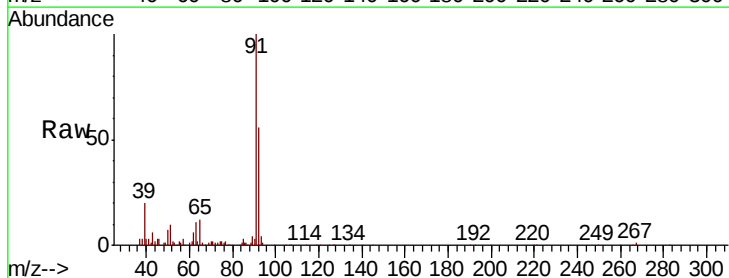
Acq: 30 Mar 2021 16:42

Tgt Ion: 91 Resp: 193248

Ion Ratio Lower Upper

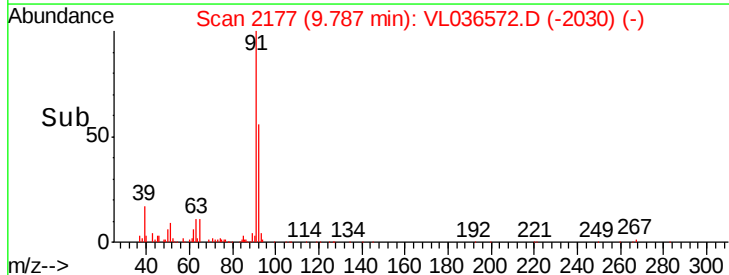
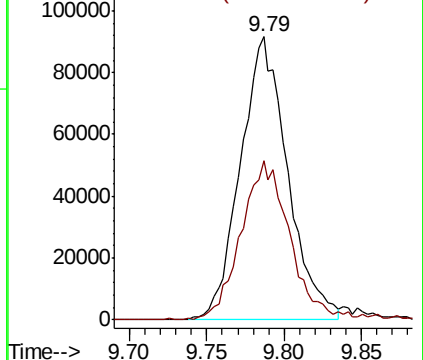
91 100

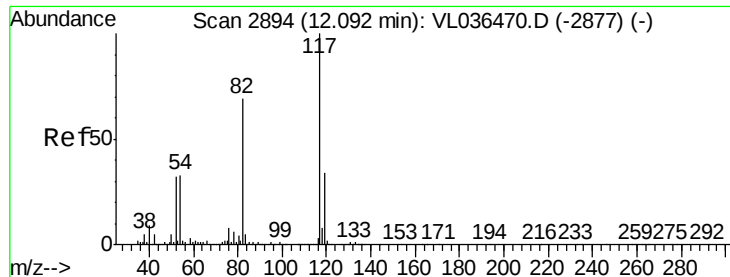
92 59.2 48.8 73.2



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0

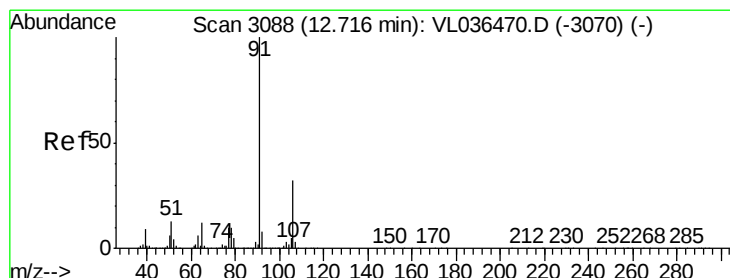
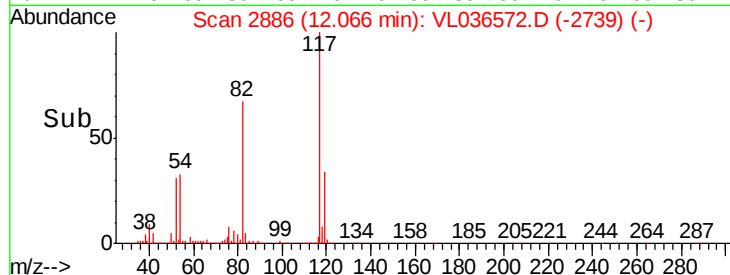
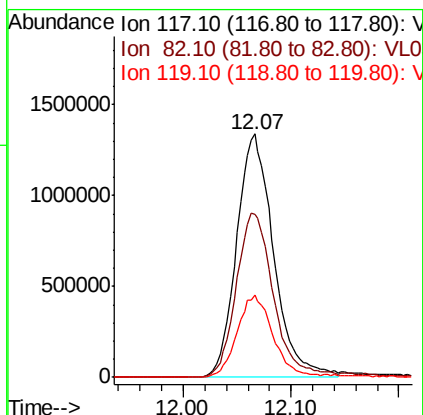
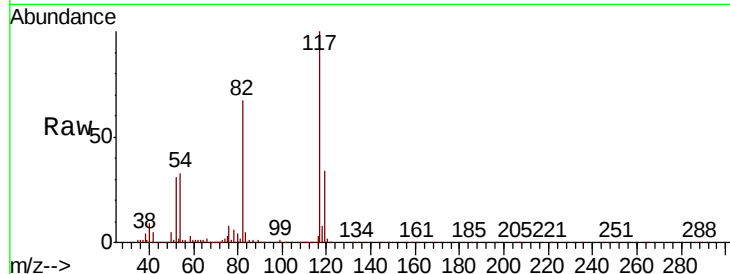




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min Scan# 2886
Delta R.T. -0.03 min
Lab File: VL036572.D
Acq: 30 Mar 2021 16:42

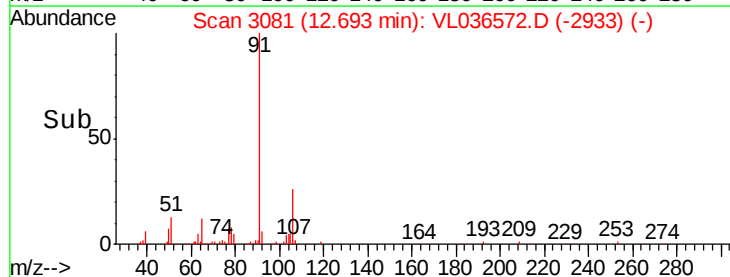
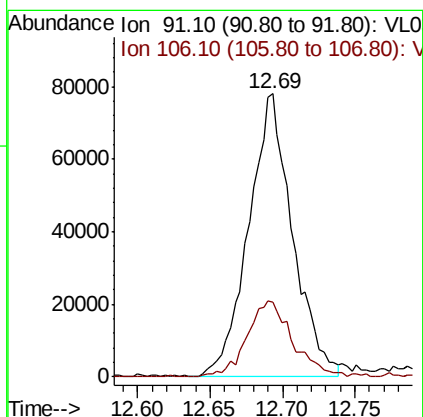
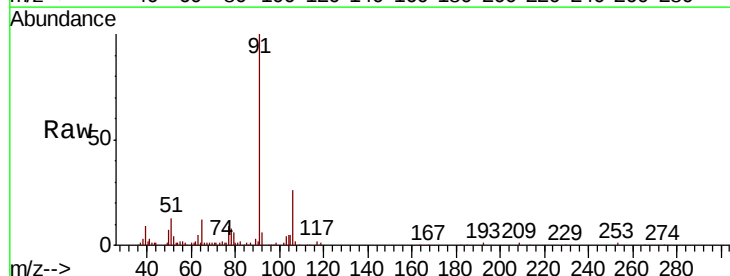
Instrument :
MSVOA_L
ClientSampleId :

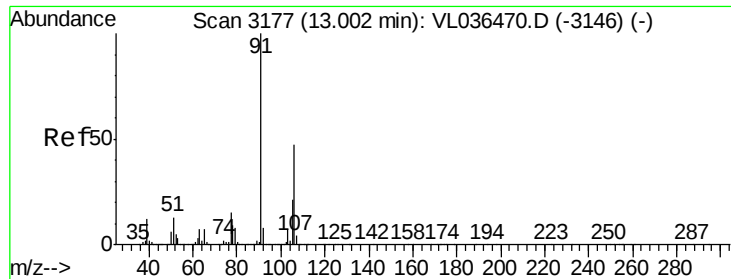
Tot Ion:117 Resp: 3200071
Ion Ratio Lower Upper
117 100
82 70.1 57.4 86.0
119 33.7 47.4 71.0#



#58
Ethyl Benzene
Concen: 0.354 ppbv
RT: 12.69 min Scan# 3081
Delta R.T. -0.02 min
Lab File: VL036572.D
Acq: 30 Mar 2021 16:42

Tgt Ion: 91 Resp: 164693
Ion Ratio Lower Upper
91 100
106 26.4 25.3 37.9

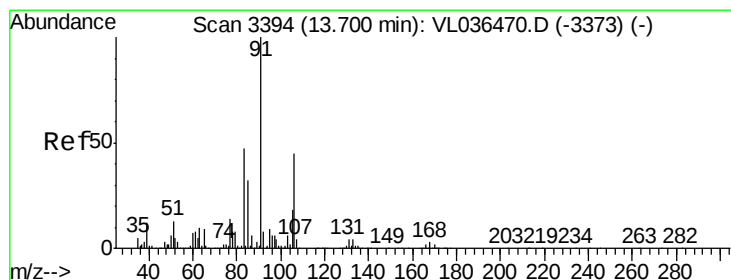
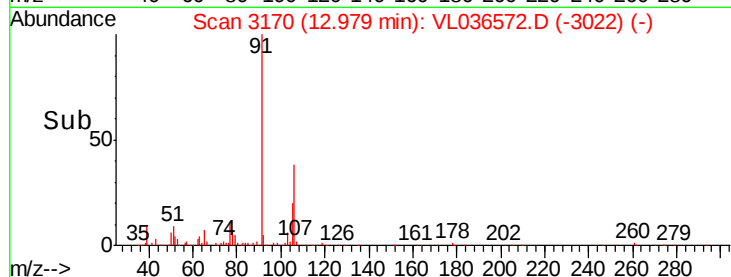
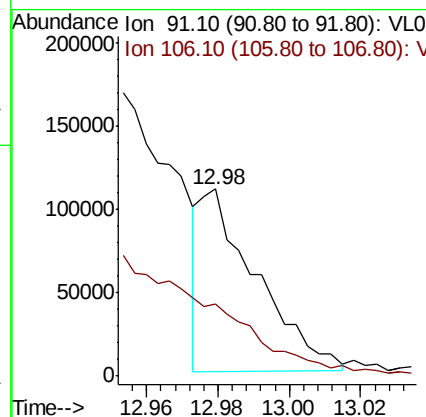
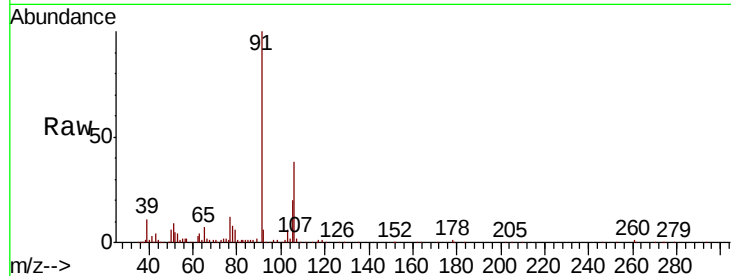




#59
m/p-Xylene
Concen: 0.293 ppbv
RT: 12.98 min Scan# 3170
Delta R.T. -0.02 min
Lab File: VL036572.D
Acq: 30 Mar 2021 16:42

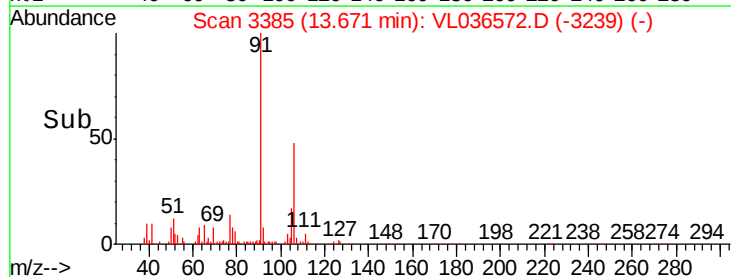
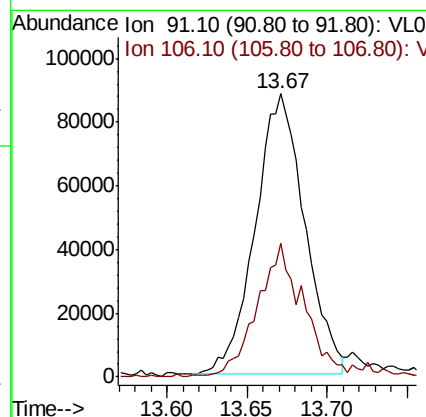
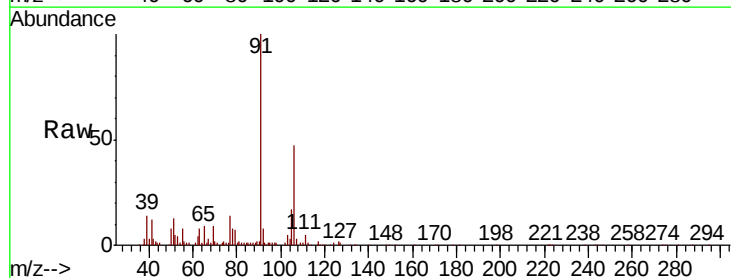
Instrument :
MSVOA_L
ClientSampleId :

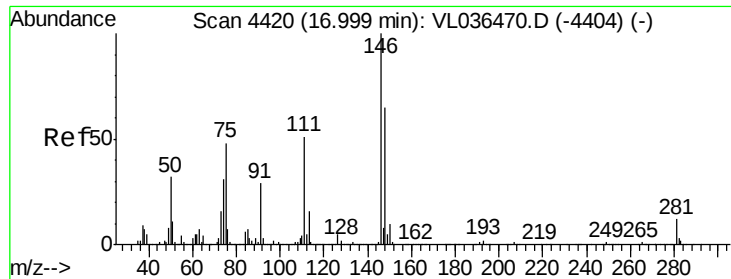
Tot Ion: 91 Resp: 119048
Ion Ratio Lower Upper
91 100
106 0.0 35.3 52.9#



#60
o-Xylene
Concen: 0.481 ppbv
RT: 13.67 min Scan# 3385
Delta R.T. -0.03 min
Lab File: VL036572.D
Acq: 30 Mar 2021 16:42

Tgt Ion: 91 Resp: 188932
Ion Ratio Lower Upper
91 100
106 48.0 22.3 66.9

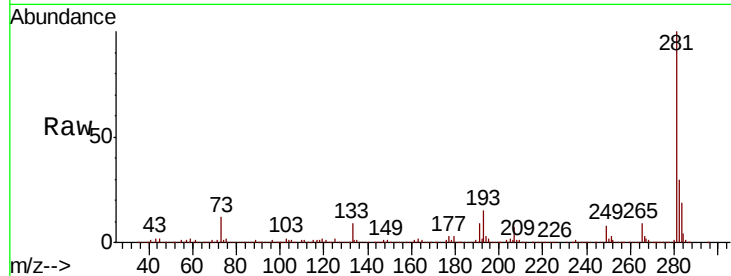




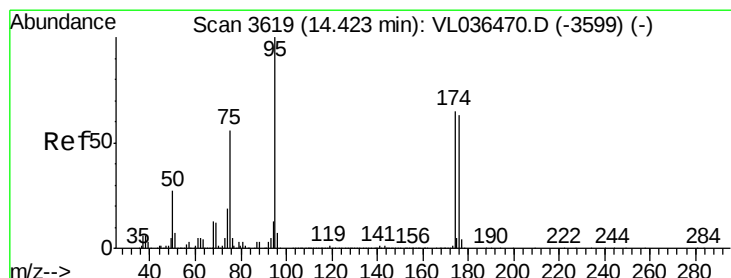
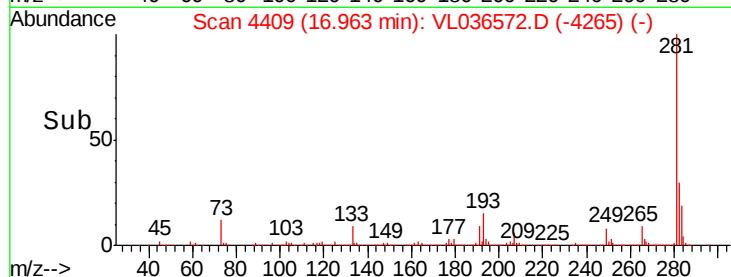
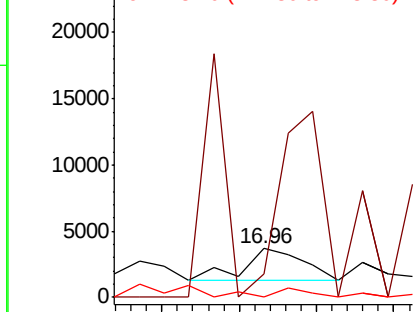
#66
Benzyl Chloride
Concen: 0.025 ppbv
RT: 16.96 min Scan# 4409
Delta R.T. -0.04 min
Lab File: VL036572.D
Acq: 30 Mar 2021 16:42

Instrument :
MSVOA_L
ClientSampled :

Tot Ion: 91 Resp: 1284
Ion Ratio Lower Upper
91 100
126 1701.0 13.5 20.3#
128 0.0 4.2 6.4#

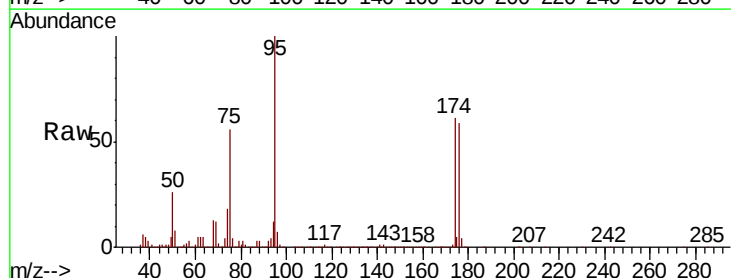


Abundance Ion 91.10 (90.80 to 91.80): VL0
Ion 126.10 (125.80 to 126.80): V
Ion 128.10 (127.80 to 128.80): V

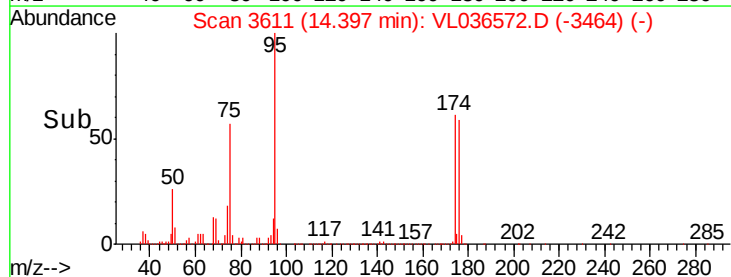
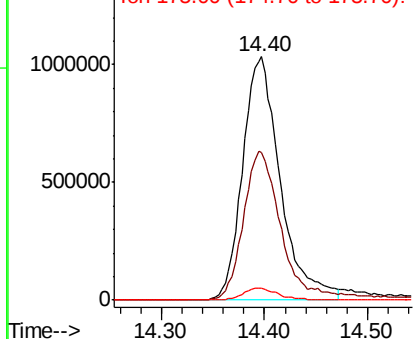


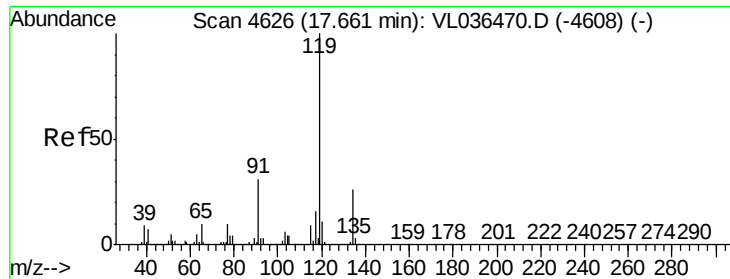
#68
1-Bromo-4-Fluorobenzene
Concen: 10.272 ppbv
RT: 14.40 min Scan# 3611
Delta R.T. -0.03 min
Lab File: VL036572.D
Acq: 30 Mar 2021 16:42

Tgt Ion: 95 Resp: 2619799
Ion Ratio Lower Upper
95 100
174 64.3 51.0 76.6
175 4.9 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

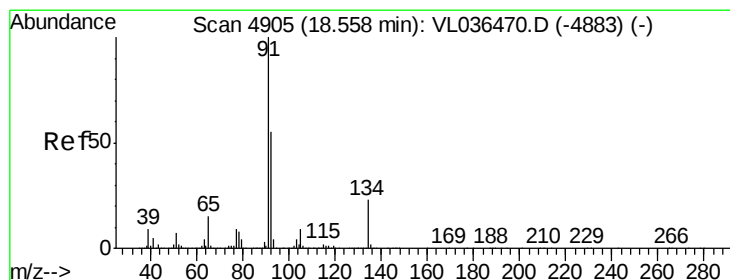
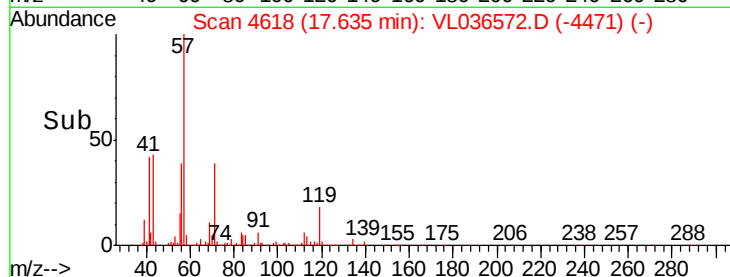
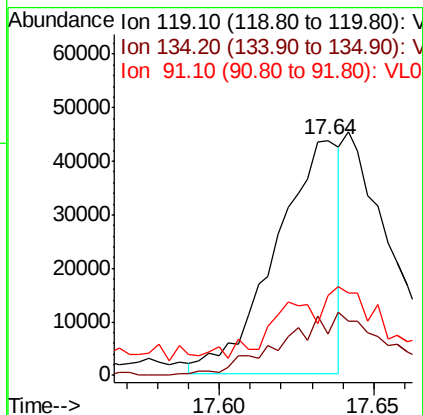
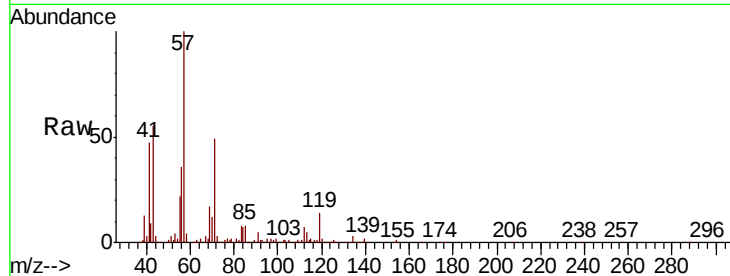




#69
 p-Isopropyltoluene
 Concen: 0.124 ppbv
 RT: 17.64 min Scan# 4618
 Delta R.T. -0.03 min
 Lab File: VL036572.D
 Acq: 30 Mar 2021 16:42

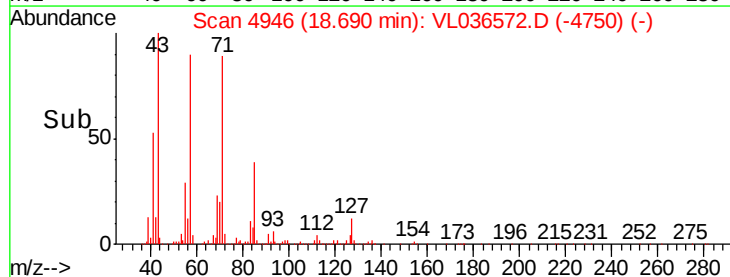
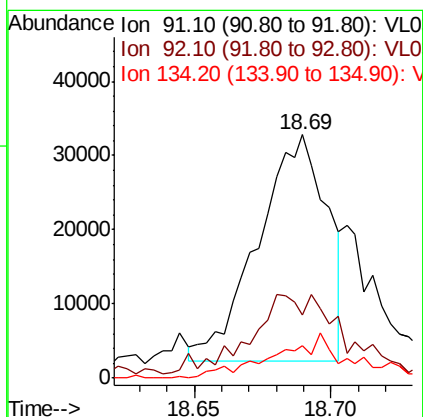
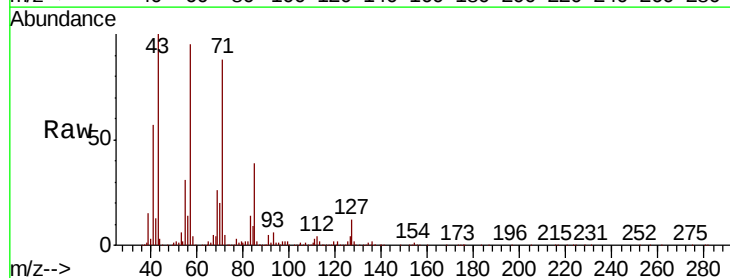
Instrument :
 MSVOA_L
 ClientSampleId :

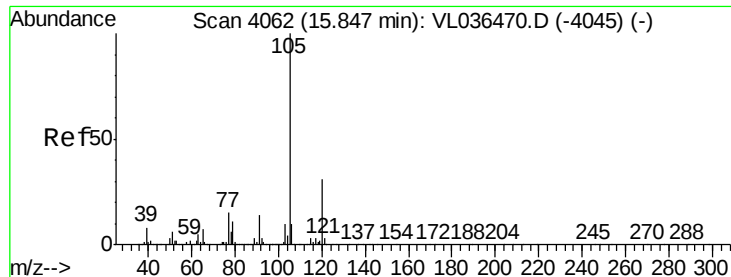
Tot Ion	Ratio	Lower	Upper
119	100		
134	0.0	20.6	30.8#
91	0.0	25.0	37.6#



#70
 n-Butylbenzene
 Concen: 0.103 ppbv
 RT: 18.69 min Scan# 4946
 Delta R.T. 0.13 min
 Lab File: VL036572.D
 Acq: 30 Mar 2021 16:42

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.0	43.8	65.8
134	22.7	18.0	27.0





#72

4-Ethyltoluene

Concen: 0.042 ppbv

RT: 15.82 min Scan# 4053

Delta R.T. -0.03 min

Lab File: VL036572.D

Acq: 30 Mar 2021 16:42

Instrument :

MSVOA_L

ClientSampleId :

Tot Ion:105 Resp: 18241

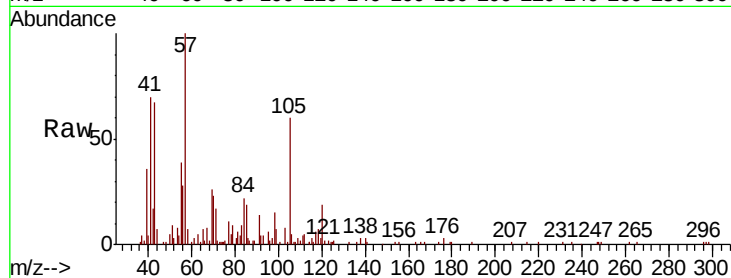
Ion Ratio Lower Upper

105 100

120 73.1 24.0 36.0#

91 0.0 11.0 16.4#

77 0.0 11.7 17.5#

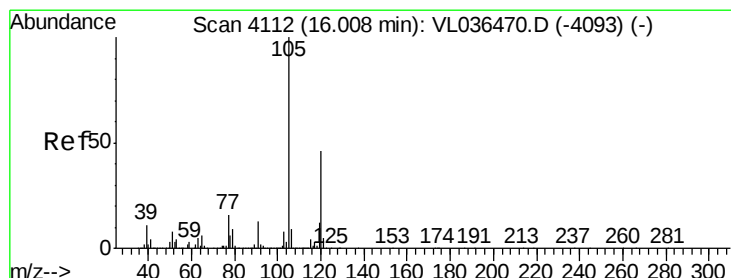
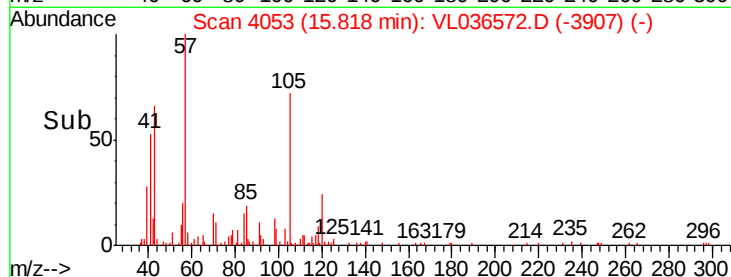
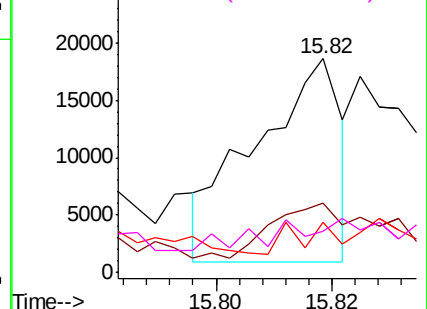


Abundance Ion 105.10 (104.80 to 105.80): V

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



#73

1,3,5-Trimethylbenzene

Concen: 0.059 ppbv

RT: 15.98 min Scan# 4102

Delta R.T. -0.03 min

Lab File: VL036572.D

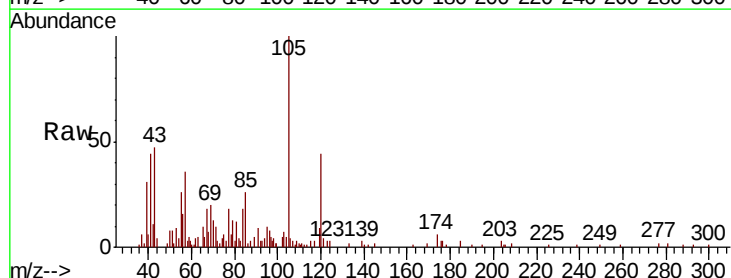
Acq: 30 Mar 2021 16:42

Tgt Ion:105 Resp: 23771

Ion Ratio Lower Upper

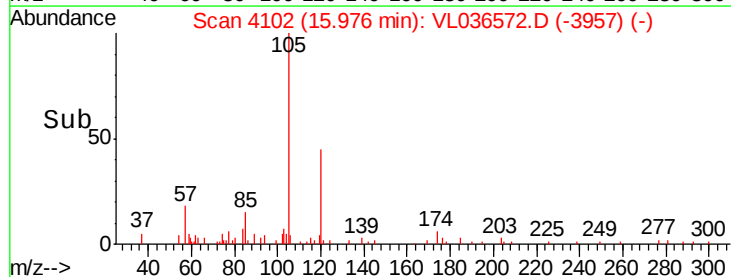
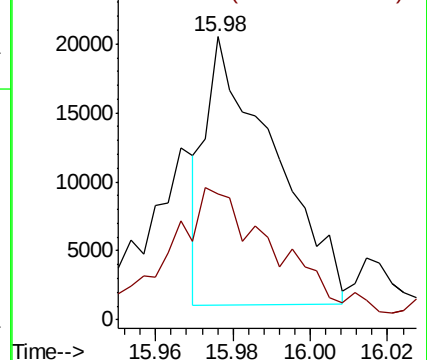
105 100

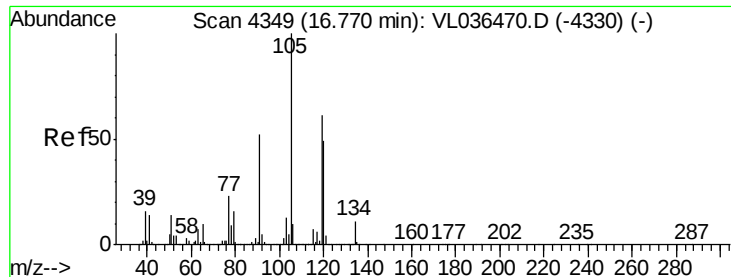
120 42.8 36.6 54.8



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

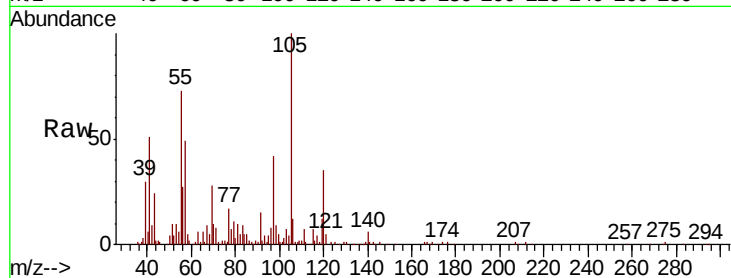




#74
 1,2,4-Trimethylbenzene
 Concen: 0.344 ppbv
 RT: 16.74 min Scan# 4340
 Delta R.T. -0.03 min
 Lab File: VL036572.D
 Acq: 30 Mar 2021 16:42

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion:	105	Resp:	147768
Ion	Ratio	Lower	Upper
105	100		
120	35.4	39.2	58.8#
91	12.6	42.6	64.0#
77	11.8	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

