

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL011321\
 Data File : VL036227.D
 Acq On : 13 Jan 2021 15:59
 Operator : SY/AP
 Sample : M1066-01
 Misc : 400ml/MSVOA L
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 0121-SS5

Quant Time: Jan 13 22:07:41 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL011321AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jan 13 07:53:51 2021
 QLast Update : Wed Jan 13 07:53:51 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1450870	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3135602	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	2803349	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2320297	10.00	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.00%

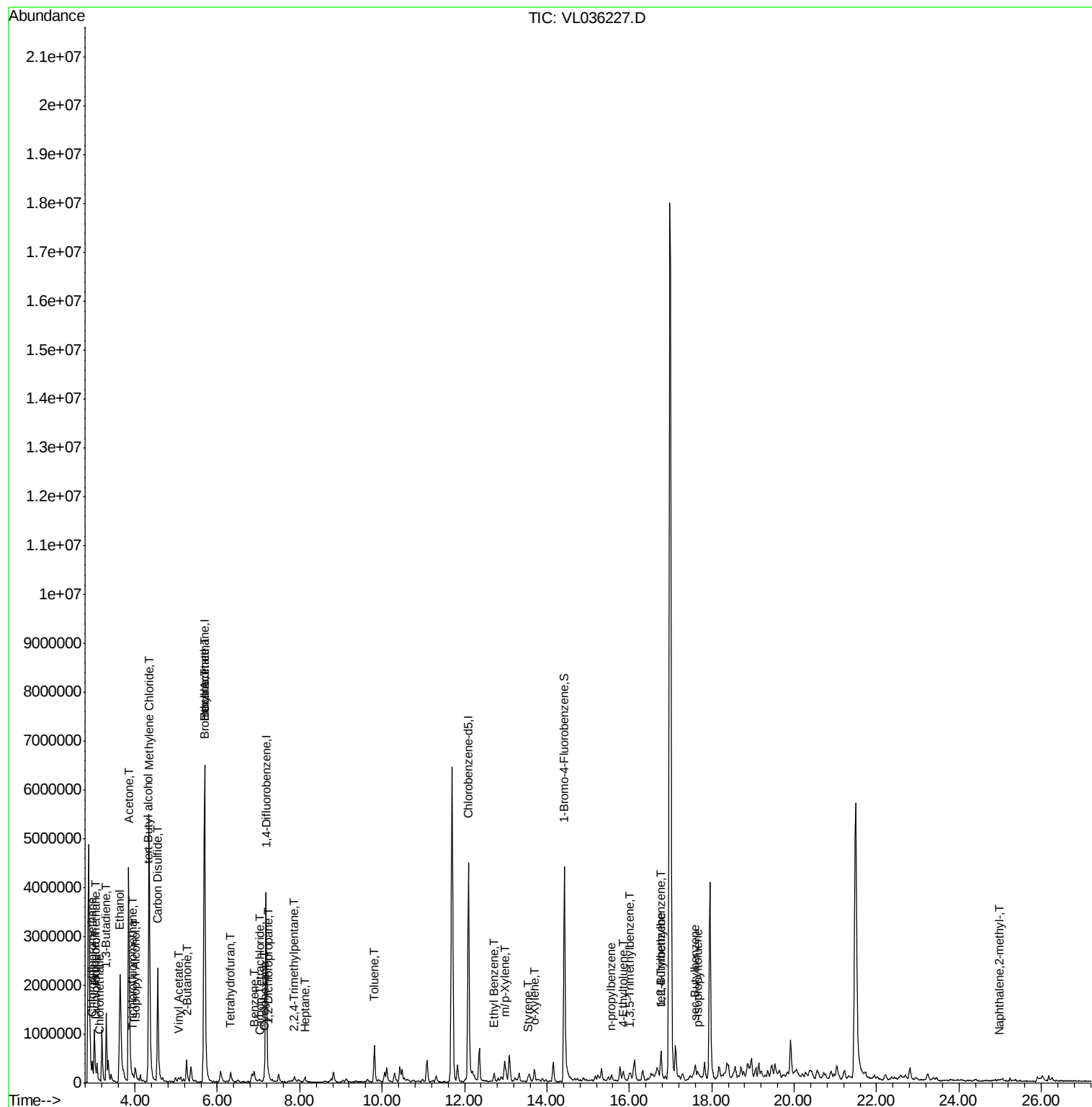
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.05	85	42463	0.216	ppbv	93
3) Chlorodifluoromethane	2.96	51	306560	1.703	ppbv #	67
4) Chloromethane	3.14	50	32286	0.363	ppbv #	84
9) Propene	3.01	41	228417	2.663	ppbv	90
10) Heptane	8.12	43	44267	0.208	ppbv	94
11) Trichlorofluoromethane	3.95	101	47514	0.246	ppbv	96
13) Ethanol	3.64	45	3812158	211.664	ppbv	84
15) Acetone	3.85	43	6112379	35.472	ppbv	100
16) 1,3-Butadiene	3.30	39	503286	6.128	ppbv #	17
17) tert-Butyl alcohol	4.32	59	660537	4.679	ppbv	97
19) Isopropyl Alcohol	4.01	45	321610	3.229	ppbv #	1
20) Methylene Chloride	4.35	84	2003364	37.966	ppbv	96
23) Vinyl Acetate	5.07	43	43540	0.201	ppbv #	95
25) Ethyl Acetate	5.69	43	1907963	5.437	ppbv #	77
26) Hexane	5.69	57	2560785	17.451	ppbv #	36
27) Carbon Disulfide	4.55	76	3310401	28.065	ppbv	99
30) Cyclohexane	7.13	84	20485	0.179	ppbv #	48
34) 2-Butanone	5.25	43	650281	3.254	ppbv	99
35) Carbon Tetrachloride	7.02	117	6788	0.034	ppbv #	33
36) Benzene	6.90	78	140279	0.488	ppbv #	92
39) 1,2-Dichloropropane	7.24	63	9915	0.085	ppbv #	26
41) Tetrahydrofuran	6.32	42	12922	0.110	ppbv #	40
44) 2,2,4-Trimethylpentane	7.87	57	73463	0.139	ppbv #	57
53) Toluene	9.81	91	570709	1.794	ppbv	98
58) Ethyl Benzene	12.72	91	102808	0.247	ppbv	93
59) m/p-Xylene	12.98	91	418735	1.171	ppbv	97
60) o-Xylene	13.70	91	182485	0.530	ppbv	95
61) Styrene	13.54	104	16074	0.074	ppbv #	15
64) n-propylbenzene	15.57	120	10305	0.082	ppbv #	1
65) tert-Butylbenzene	16.76	119	29506	0.068	ppbv #	1
67) sec-Butylbenzene	17.60	105	90470	0.140	ppbv	99
69) p-Isopropyltoluene	17.66	119	73414	0.145	ppbv #	87
72) 4-Ethyltoluene	15.85	105	38912	0.100	ppbv #	1
73) 1,3,5-Trimethylbenzene	16.00	105	51039	0.138	ppbv #	74
74) 1,2,4-Trimethylbenzene	16.77	105	388528	1.022	ppbv #	67
80) Naphthalene,2-methyl-	24.99	142	1855	0.042	ppbv #	1

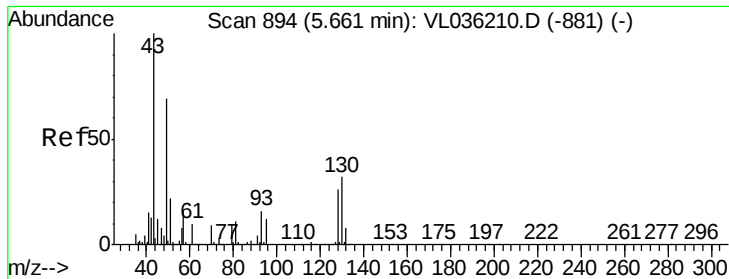
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL011321\
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL011321AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jan 13 07:53:51 2021
QLast Update : Wed Jan 13 07:53:51 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 897

Delta R.T. 0.01 min

Lab File: VL036227.D

Acq: 13 Jan 2021 15:59

Instrument :

MSVOA_L

ClientSampleId :

0121-SS5

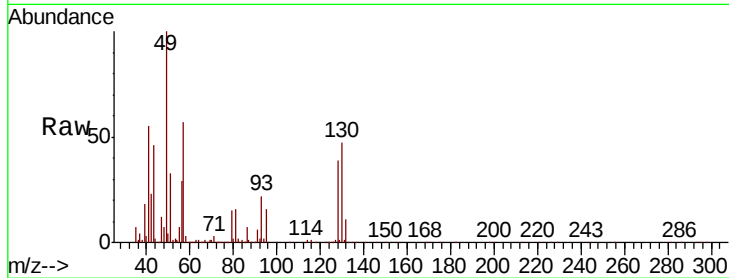
Tot Ion: 49 Resp: 1450870

Ion Ratio Lower Upper

49 100

128 39.7 20.1 60.2

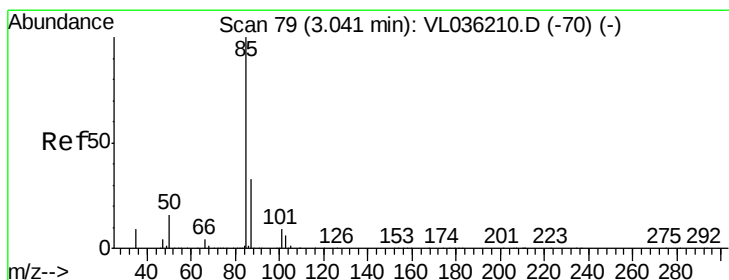
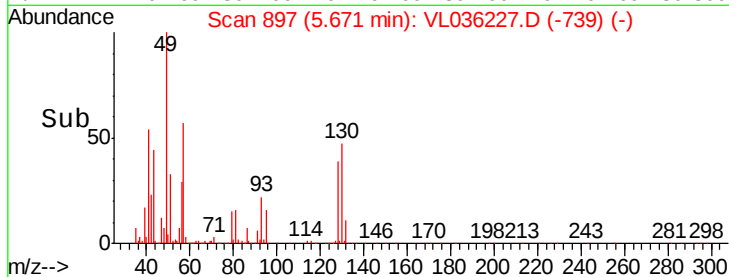
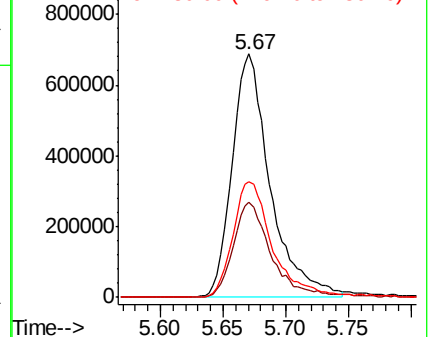
130 50.0 25.3 75.9



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: 0.216 ppbv

RT: 3.05 min Scan# 81

Delta R.T. 0.01 min

Lab File: VL036227.D

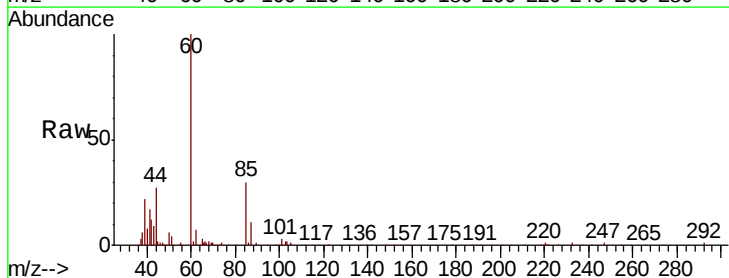
Acq: 13 Jan 2021 15:59

Tgt Ion: 85 Resp: 42463

Ion Ratio Lower Upper

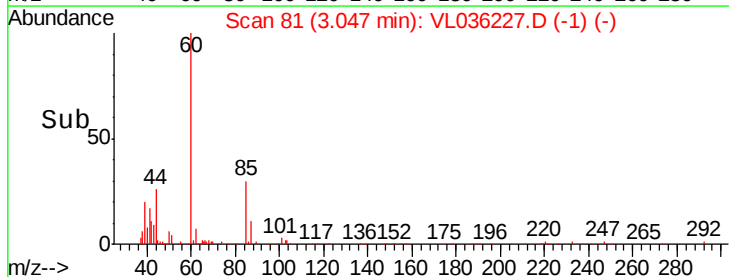
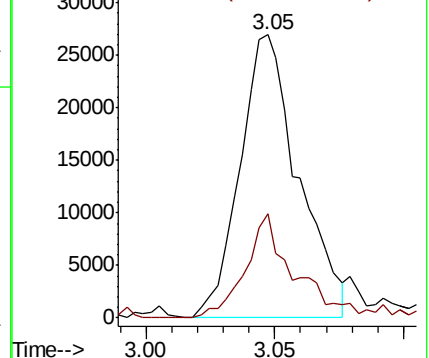
85 100

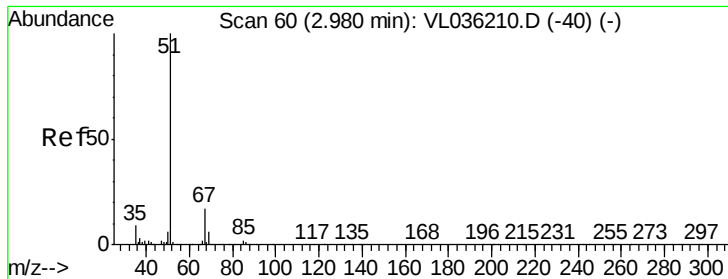
87 36.8 26.4 39.6



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0

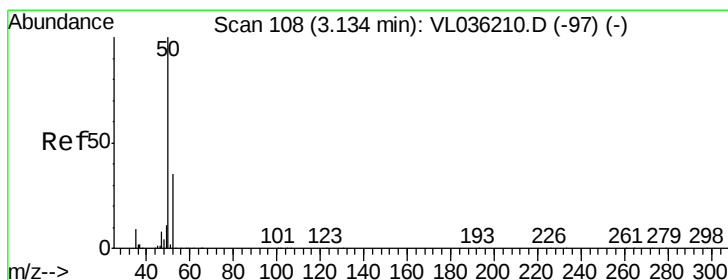
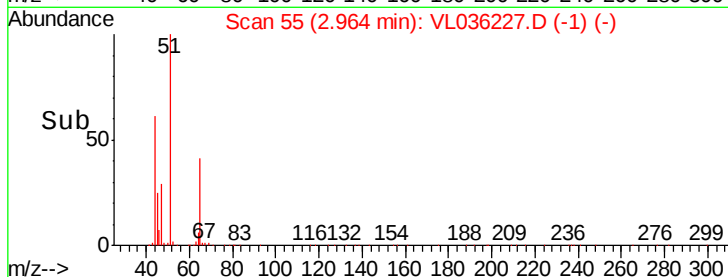
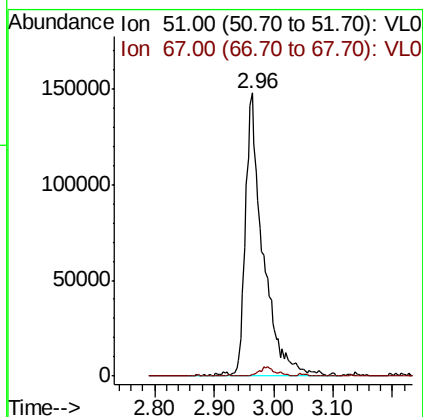
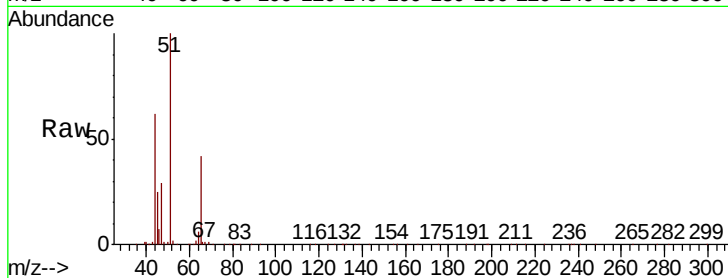




#3
Chlorodifluoromethane
Concen: 1.703 ppbv
RT: 2.96 min Scan# 55
Delta R.T. -0.02 min
Lab File: VL036227.D
Acq: 13 Jan 2021 15:59

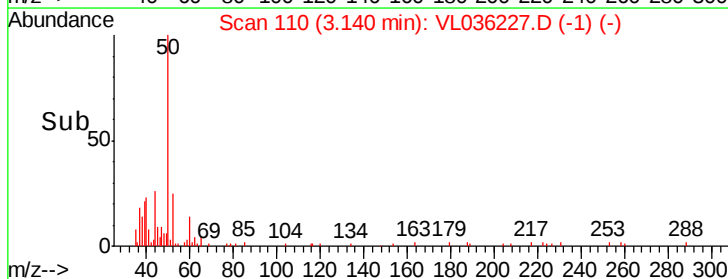
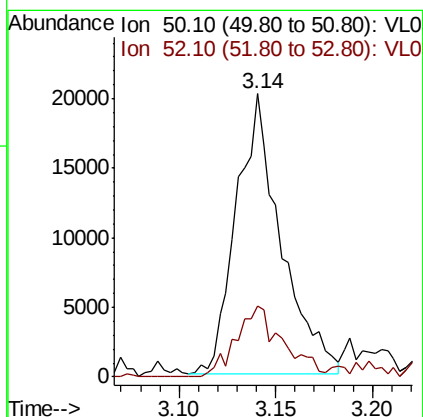
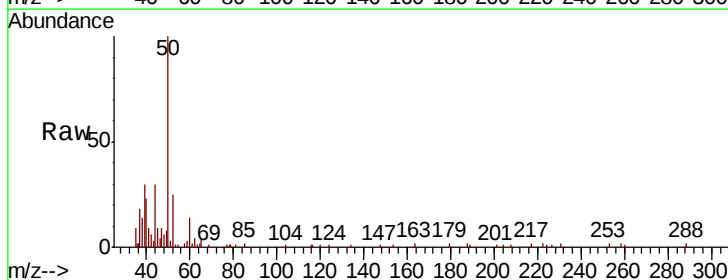
Instrument :
MSVOA_L
ClientSampleId :
0121-SS5

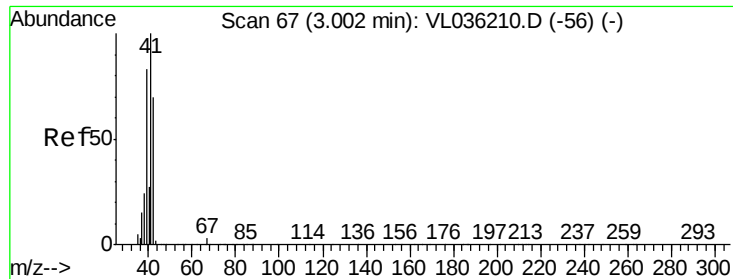
Tot Ion: 51 Resp: 306560
Ion Ratio Lower Upper
51 100
67 3.1 14.0 21.0#



#4
Chloromethane
Concen: 0.363 ppbv
RT: 3.14 min Scan# 110
Delta R.T. 0.01 min
Lab File: VL036227.D
Acq: 13 Jan 2021 15:59

Tgt Ion: 50 Resp: 32286
Ion Ratio Lower Upper
50 100
52 25.5 27.8 41.8#





#9

Propene

Concen: 2.663 ppbv

RT: 3.01 min Scan# 70

Delta R.T. 0.01 min

Lab File: VL036227.D

Acq: 13 Jan 2021 15:59

Instrument :

MSVOA_L

ClientSampleId :

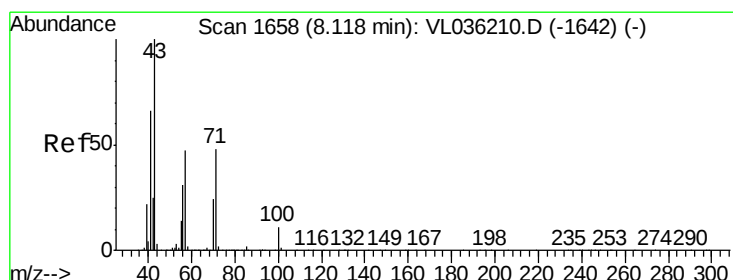
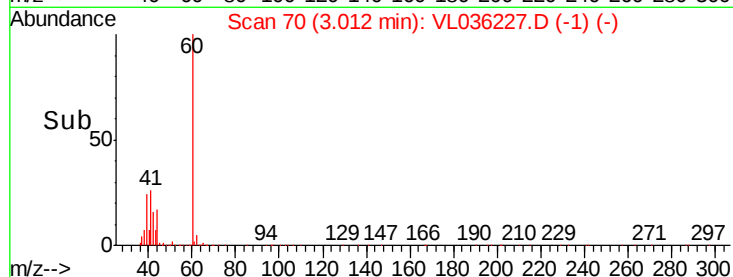
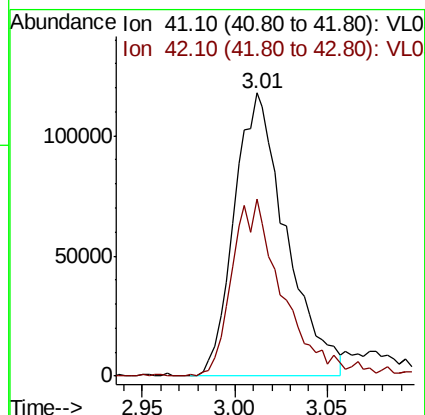
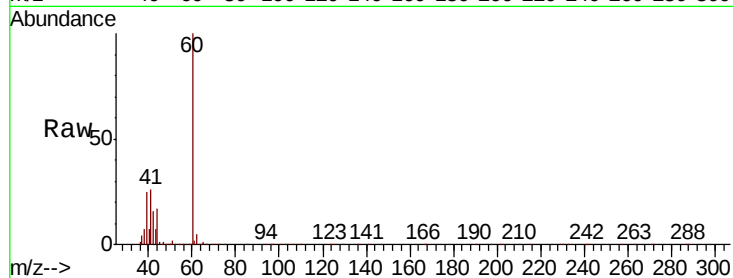
0121-SS5

Tot Ion: 41 Resp: 228417

Ion Ratio Lower Upper

41 100

42 62.9 57.1 85.7



#10

Heptane

Concen: 0.208 ppbv

RT: 8.12 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VL036227.D

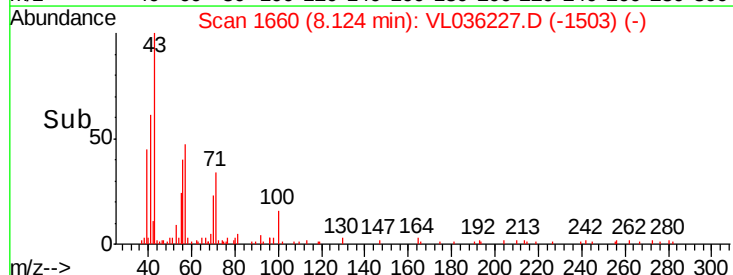
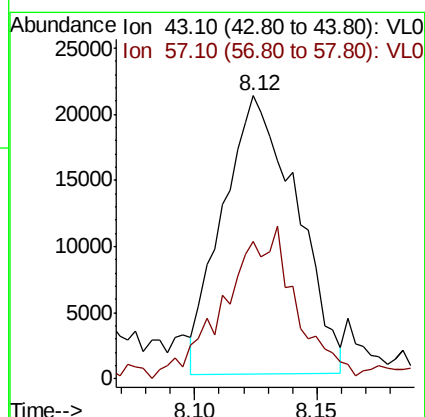
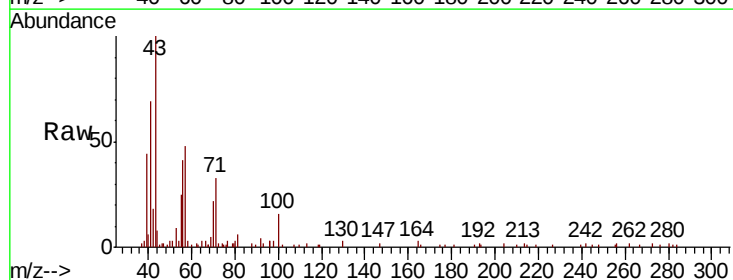
Acq: 13 Jan 2021 15:59

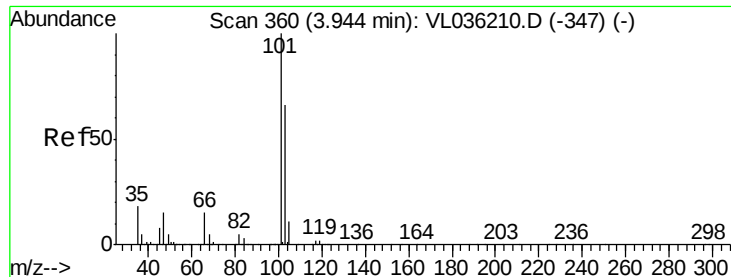
Tgt Ion: 43 Resp: 44267

Ion Ratio Lower Upper

43 100

57 51.6 38.1 57.1

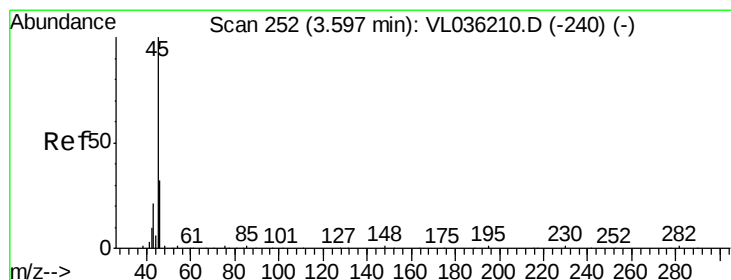
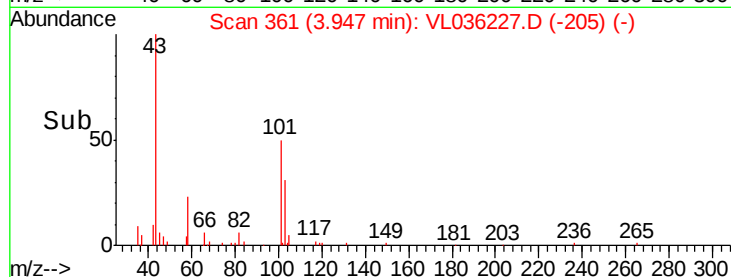
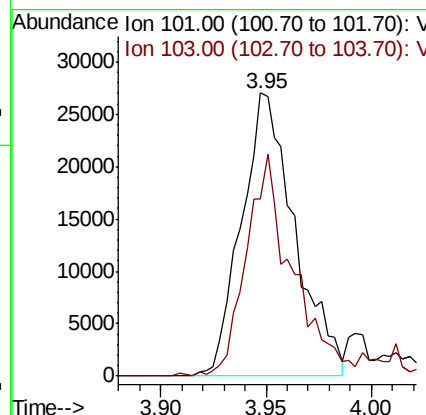
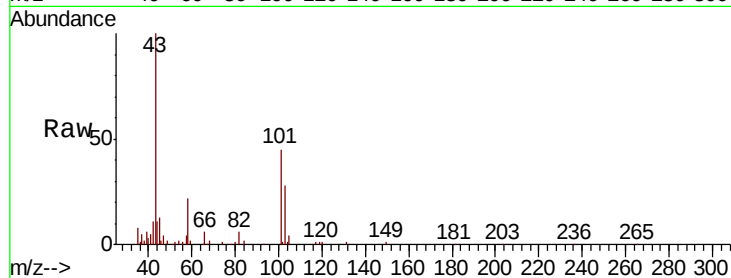




#11
 Trichlorofluoromethane
 Concen: 0.246 ppbv
 RT: 3.95 min Scan# 361
 Delta R.T. 0.00 min
 Lab File: VL036227.D
 Acq: 13 Jan 2021 15:59

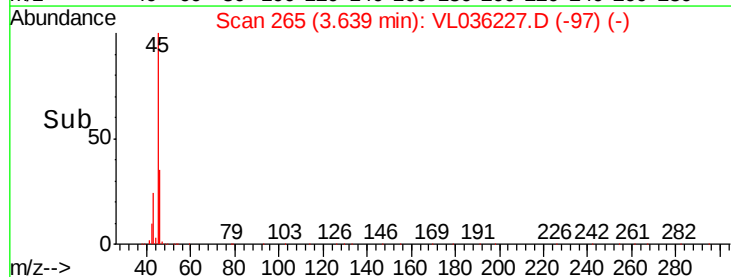
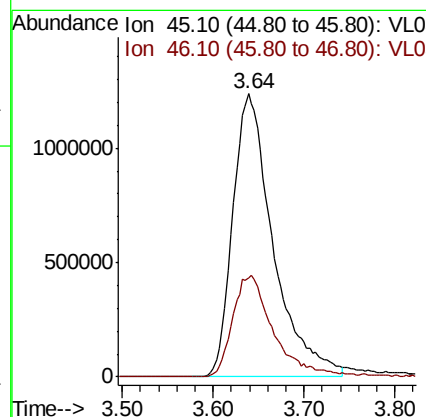
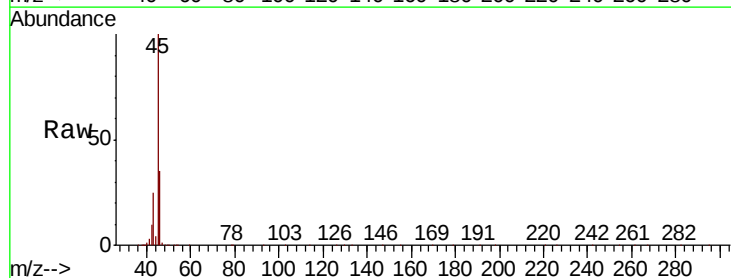
Instrument :
 MSVOA_L
 ClientSampleId :
 0121-SS5

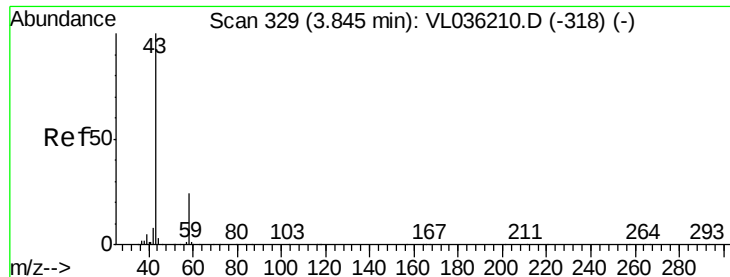
Tot Ion:101 Resp: 47514
 Ion Ratio Lower Upper
 101 100
 103 62.4 52.6 78.8



#13
 Ethanol
 Concen: 211.664 ppbv
 RT: 3.64 min Scan# 265
 Delta R.T. 0.04 min
 Lab File: VL036227.D
 Acq: 13 Jan 2021 15:59

Tgt Ion: 45 Resp: 3812158
 Ion Ratio Lower Upper
 45 100
 46 37.1 19.2 77.0





#15

Acetone

Concen: 35.472 ppbv

RT: 3.85 min Scan# 330

Delta R.T. 0.00 min

Lab File: VL036227.D

Acq: 13 Jan 2021 15:59

Instrument :

MSVOA_L

ClientSampleId :

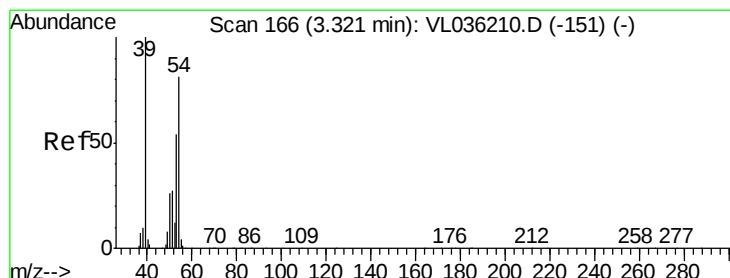
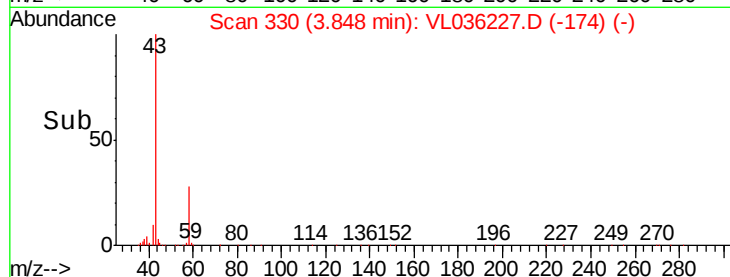
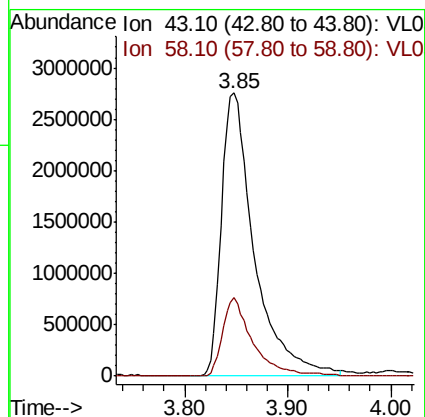
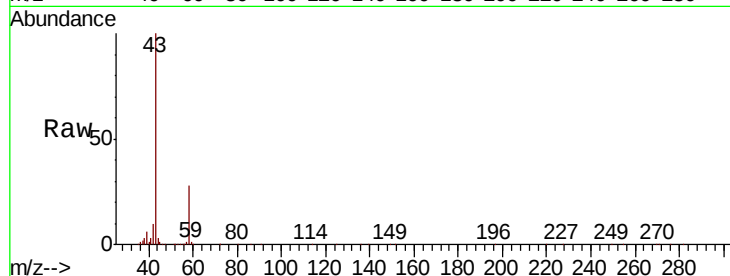
0121-SS5

Tot Ion: 43 Resp: 6112379

Ion Ratio Lower Upper

43 100

58 25.9 20.9 31.3



#16

1,3-Butadiene

Concen: 6.128 ppbv

RT: 3.30 min Scan# 161

Delta R.T. -0.02 min

Lab File: VL036227.D

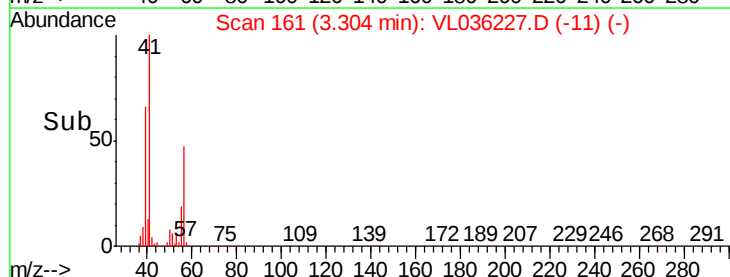
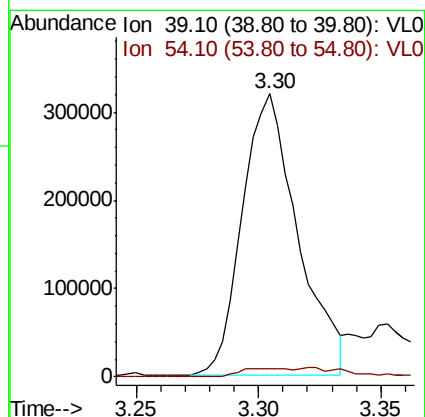
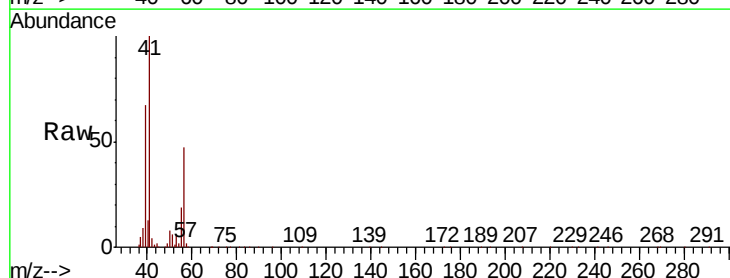
Acq: 13 Jan 2021 15:59

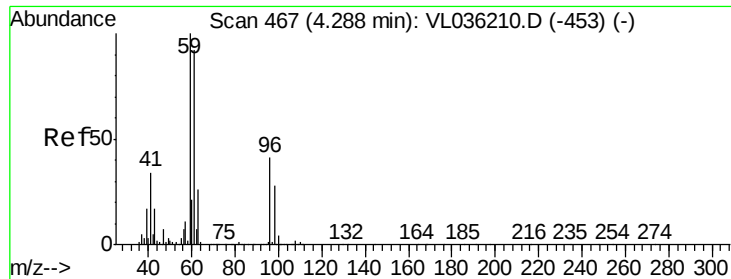
Tgt Ion: 39 Resp: 503286

Ion Ratio Lower Upper

39 100

54 6.2 62.5 93.7#

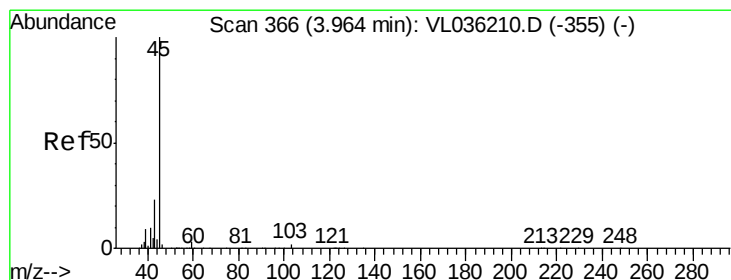
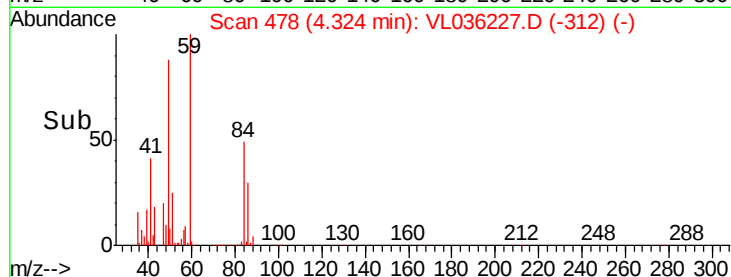
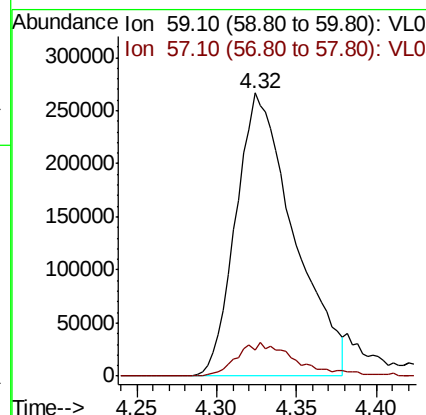
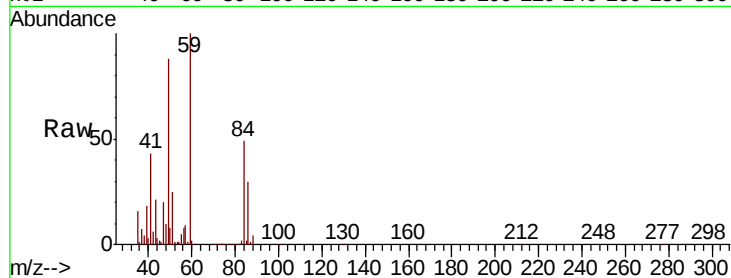




#17
tert-Butyl alcohol
Concen: 4.679 ppbv
RT: 4.32 min Scan# 478
Delta R.T. 0.04 min
Lab File: VL036227.D
Acq: 13 Jan 2021 15:59

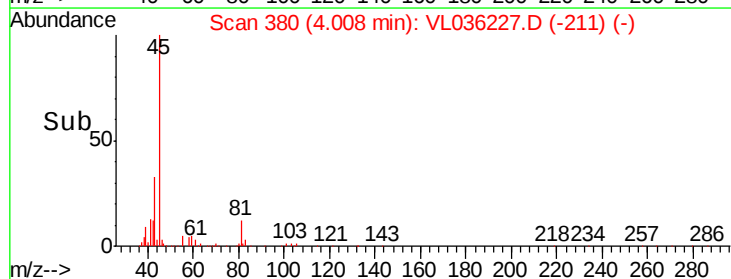
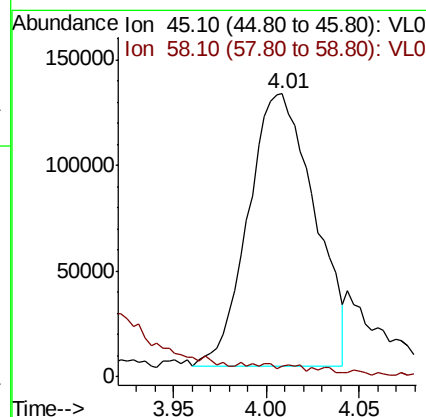
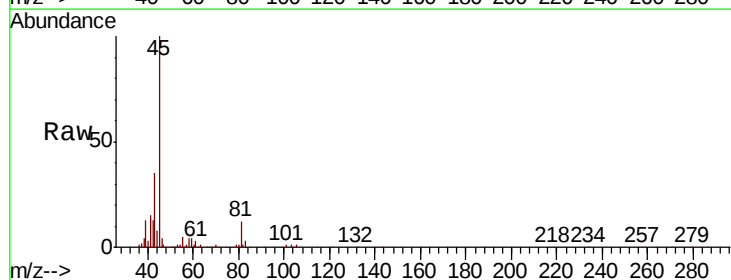
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0121-SS5

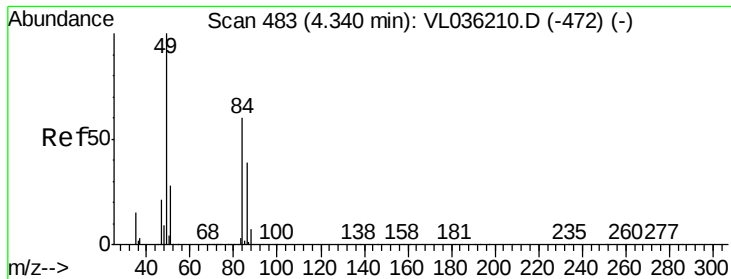
Tot Ion: 59 Resp: 660537
Ion Ratio Lower Upper
59 100
57 12.5 9.2 13.8



#19
Isopropyl Alcohol
Concen: 3.229 ppbv
RT: 4.01 min Scan# 380
Delta R.T. 0.04 min
Lab File: VL036227.D
Acq: 13 Jan 2021 15:59

Tgt Ion: 45 Resp: 321610
Ion Ratio Lower Upper
45 100
58 491.3 1.9 2.9#



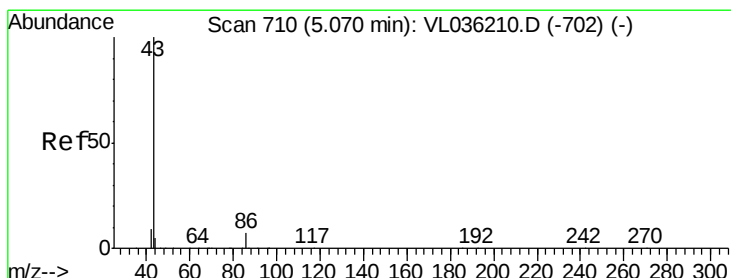
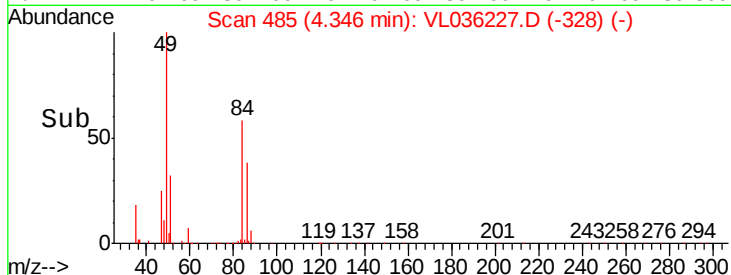
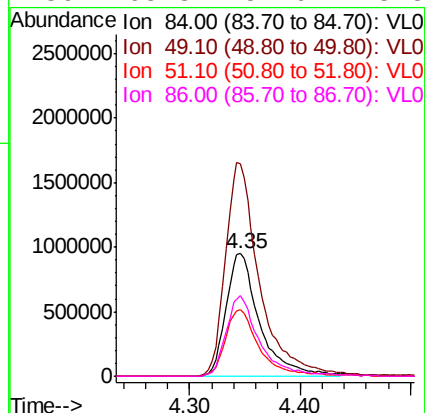
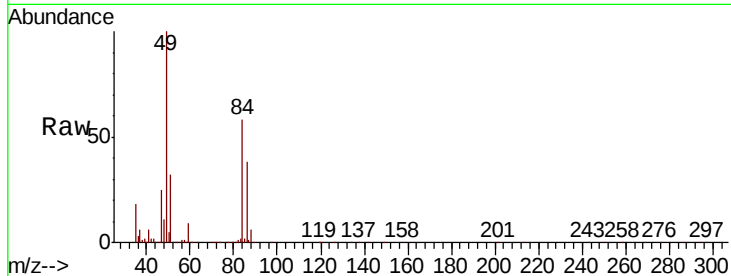


#20
Methvlene Chloride
Concen: 37.966 ppbv
RT: 4.35 min Scan# 485
Delta R.T. 0.01 min
Lab File: VL036227.D
Acq: 13 Jan 2021 15:59

Instrument :
MSVOA_L
ClientSampleId :
0121-SS5

Tot Ion: 84 Resp: 2003364

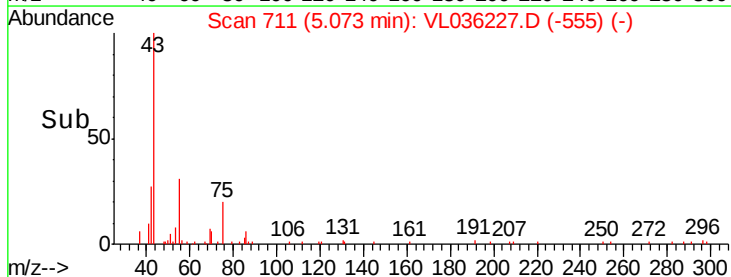
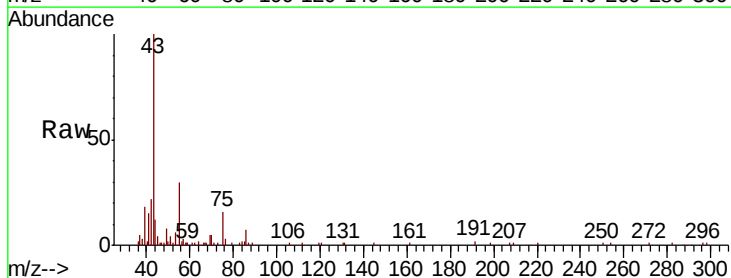
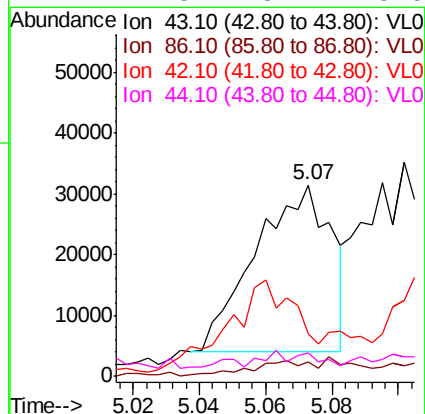
Ion	Ratio	Lower	Upper
84	100		
49	173.0	134.1	201.1
51	54.6	37.4	56.0
86	65.3	52.6	78.8

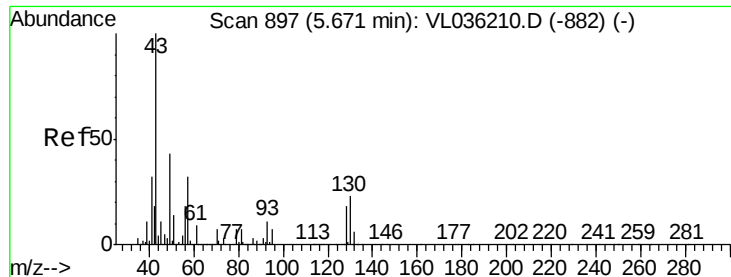


#23
Vinyl Acetate
Concen: 0.201 ppbv
RT: 5.07 min Scan# 711
Delta R.T. 0.00 min
Lab File: VL036227.D
Acq: 13 Jan 2021 15:59

Tgt Ion: 43 Resp: 43540

Ion	Ratio	Lower	Upper
43	100		
86	7.5	4.9	7.3#
42	8.0	7.8	11.6
44	7.5	3.7	5.5#



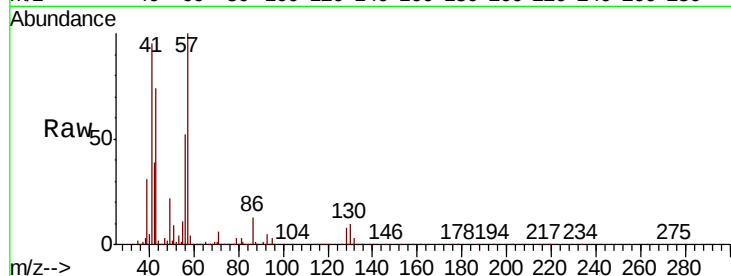


#25
Ethyl Acetate
Concen: 5.437 ppbv
RT: 5.69 min Scan# 903
Delta R.T. 0.02 min
Lab File: VL036227.D
Acq: 13 Jan 2021 15:59

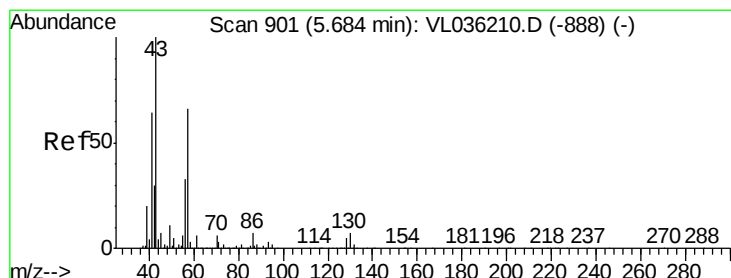
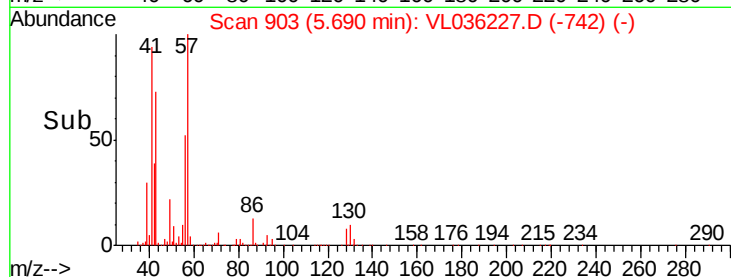
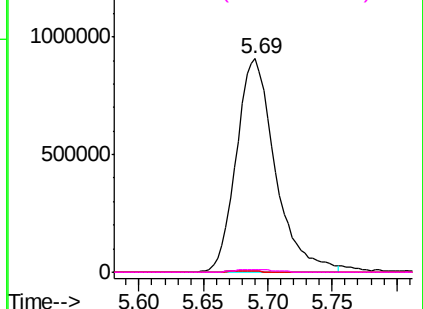
Instrument :
MSVOA_L
ClientSampled :
0121-SS5

Tot Ion: 43 Resp: 1907963

Ion	Ratio	Lower	Upper
43	100		
45	0.6	8.3	12.5#
61	0.5	7.4	11.2#
70	1.5	5.5	8.3#



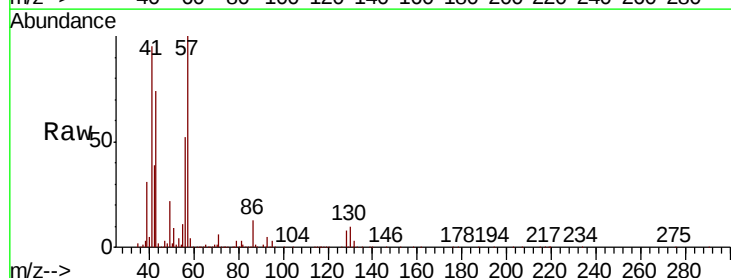
Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 45.10 (44.80 to 45.80): VL0
Ion 61.10 (60.80 to 61.80): VL0
Ion 70.10 (69.80 to 70.80): VL0



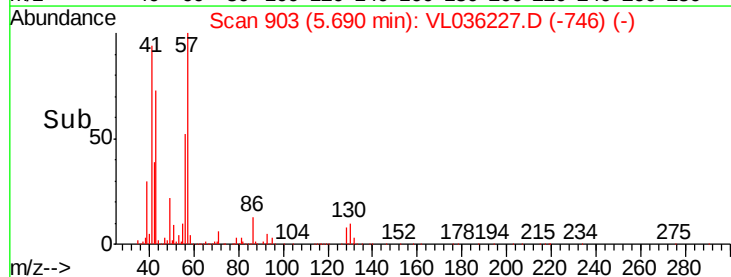
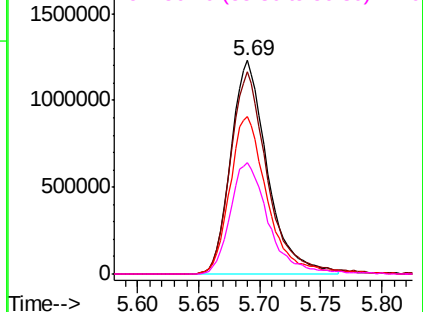
#26
Hexane
Concen: 17.451 ppbv
RT: 5.69 min Scan# 903
Delta R.T. 0.01 min
Lab File: VL036227.D
Acq: 13 Jan 2021 15:59

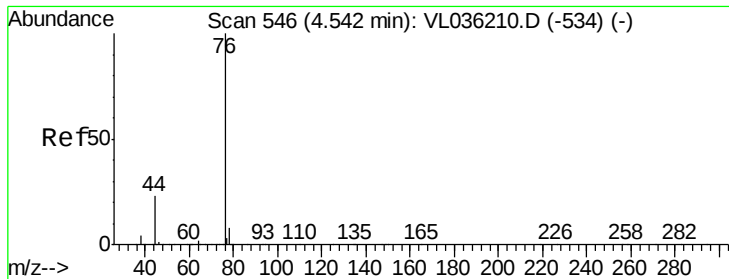
Tgt Ion: 57 Resp: 2560785

Ion	Ratio	Lower	Upper
57	100		
41	97.0	83.0	124.6
43	75.9	202.4	303.6#
56	54.8	43.4	65.0



Abundance Ion 57.10 (56.80 to 57.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 43.10 (42.80 to 43.80): VL0
Ion 56.10 (55.80 to 56.80): VL0





#27

Carbon Disulfide

Concen: 28.065 ppbv

RT: 4.55 min Scan# 548

Delta R.T. 0.01 min

Lab File: VL036227.D

Acq: 13 Jan 2021 15:59

Instrument :

MSVOA_L

ClientSampleId :

0121-SS5

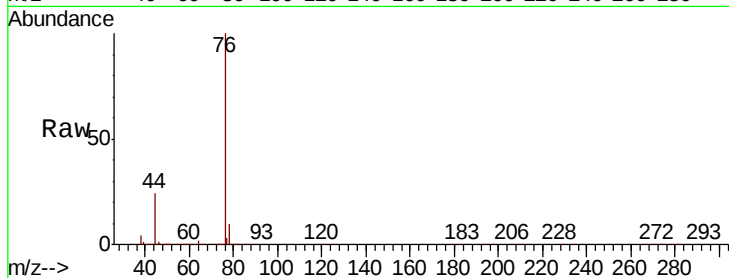
Tot Ion: 76 Resp: 3310401

Ion Ratio Lower Upper

76 100

44 24.3 19.0 28.6

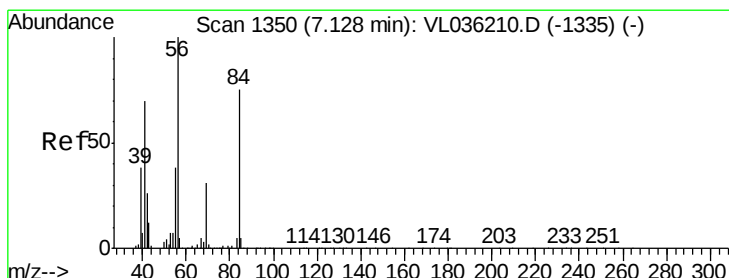
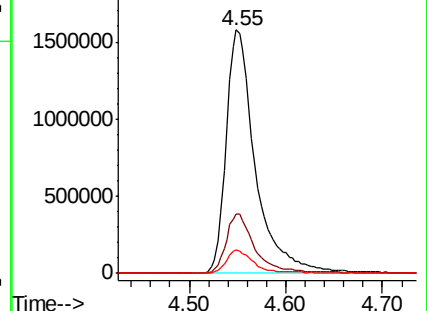
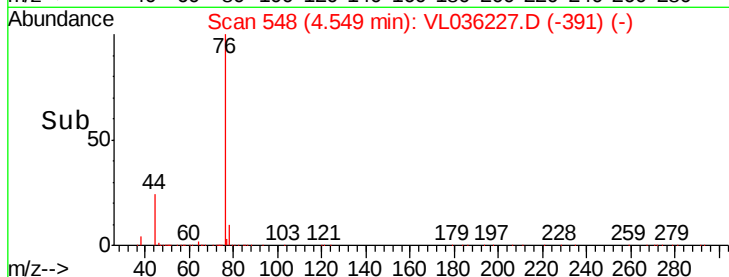
78 9.4 8.0 12.0



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



#30

Cyclohexane

Concen: 0.179 ppbv

RT: 7.13 min Scan# 1352

Delta R.T. 0.01 min

Lab File: VL036227.D

Acq: 13 Jan 2021 15:59

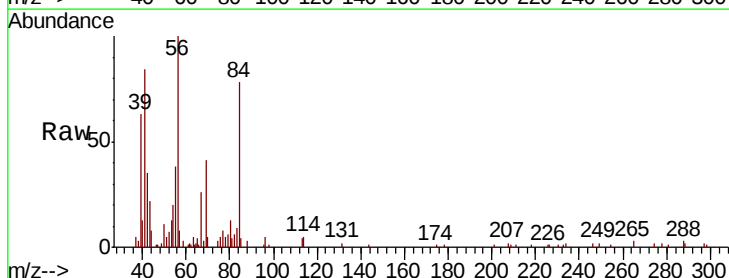
Tgt Ion: 84 Resp: 20485

Ion Ratio Lower Upper

84 100

56 133.8 119.4 179.0

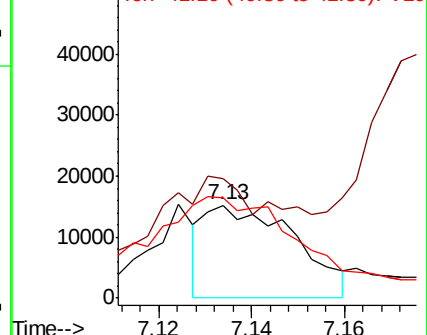
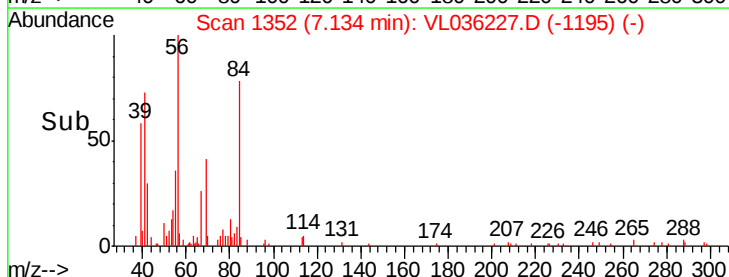
41 211.4 79.4 119.0#

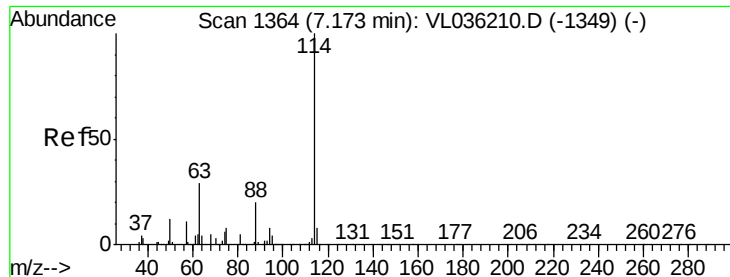


Abundance Ion 84.20 (83.90 to 84.90): VL0

Ion 56.10 (55.80 to 56.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

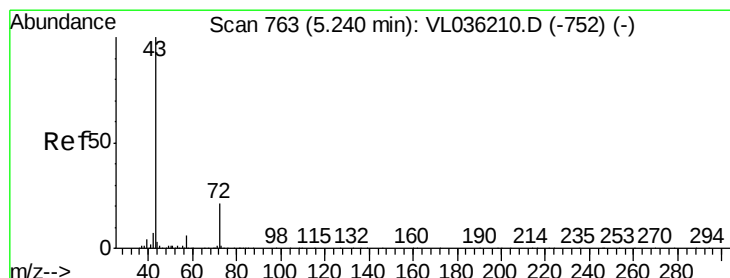
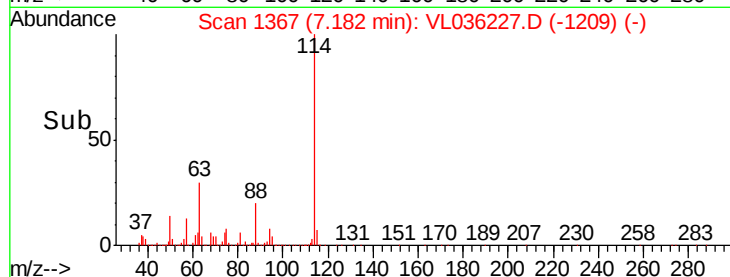
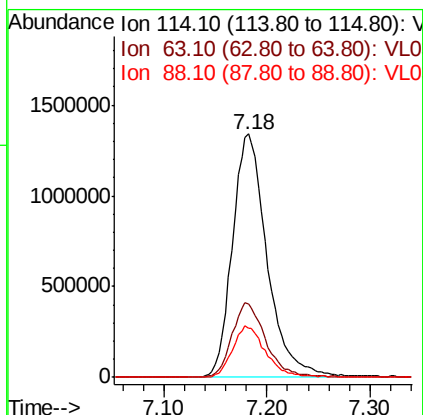
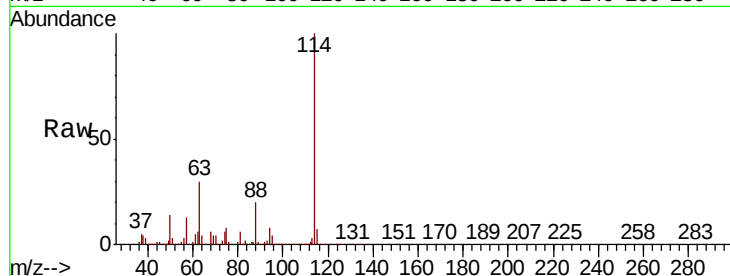




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1367
 Delta R.T. 0.01 min
 Lab File: VL036227.D
 Acq: 13 Jan 2021 15:59

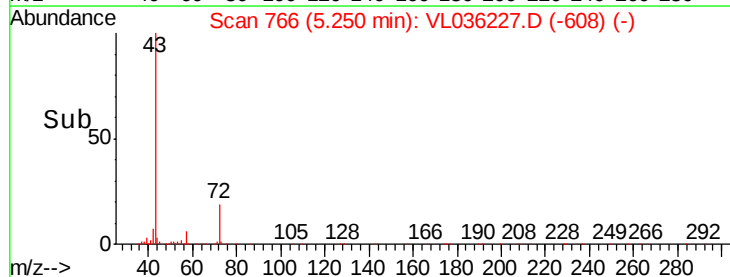
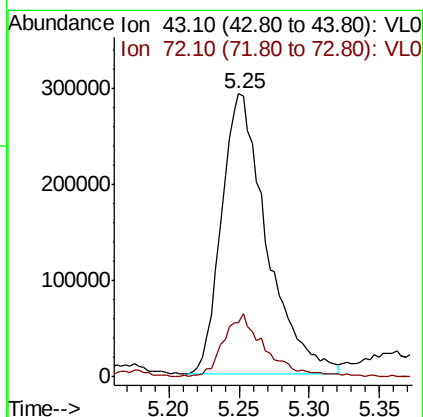
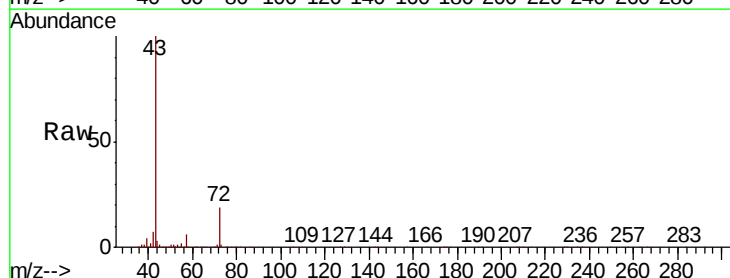
Instrument :
 MSVOA_L
 ClientSampleId :
 0121-SS5

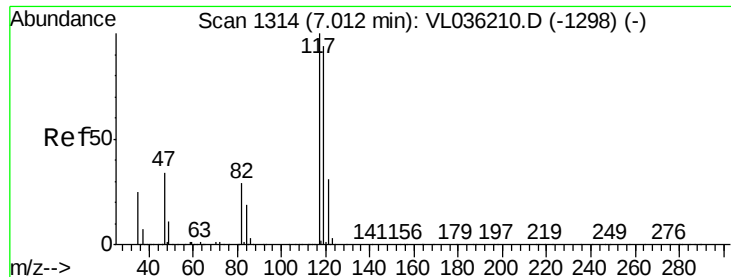
Tot Ion:114 Resp: 3135602
 Ion Ratio Lower Upper
 114 100
 63 30.3 24.7 37.1
 88 20.4 16.6 24.8



#34
 2-Butanone
 Concen: 3.254 ppbv
 RT: 5.25 min Scan# 766
 Delta R.T. 0.01 min
 Lab File: VL036227.D
 Acq: 13 Jan 2021 15:59

Tgt Ion: 43 Resp: 650281
 Ion Ratio Lower Upper
 43 100
 72 20.8 16.1 24.1





#35

Carbon Tetrachloride

Concen: 0.034 ppbv

RT: 7.02 min Scan# 1318

Delta R.T. 0.01 min

Lab File: VL036227.D

Acq: 13 Jan 2021 15:59

Instrument :

MSVOA_L

ClientSampleId :

0121-SS5

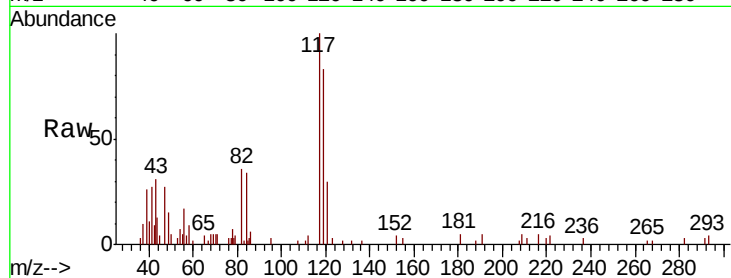
Tot Ion:117 Resp: 6788

Ion Ratio Lower Upper

117 100

119 19.9 74.9 112.3#

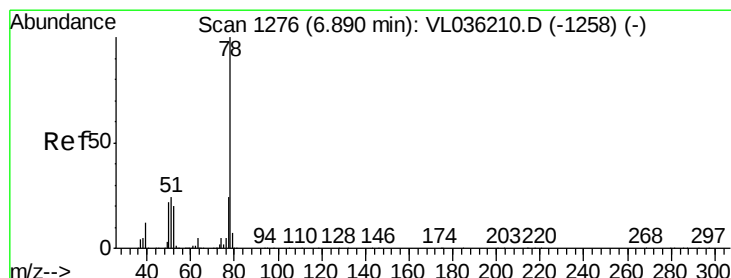
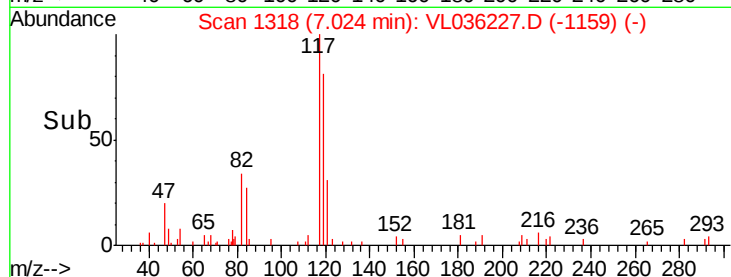
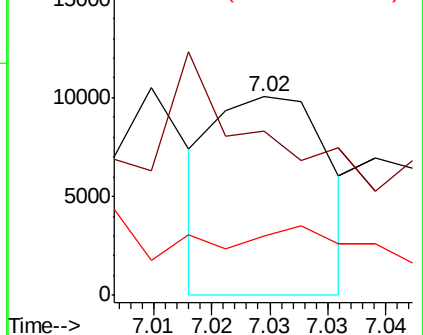
121 9.5 25.0 37.6#



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: 0.488 ppbv

RT: 6.90 min Scan# 1278

Delta R.T. 0.01 min

Lab File: VL036227.D

Acq: 13 Jan 2021 15:59

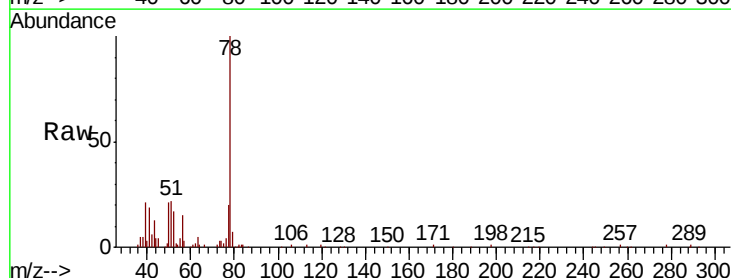
Tgt Ion: 78 Resp: 140279

Ion Ratio Lower Upper

78 100

77 19.2 19.4 29.0#

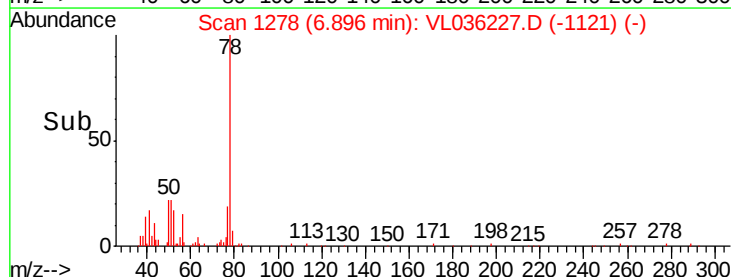
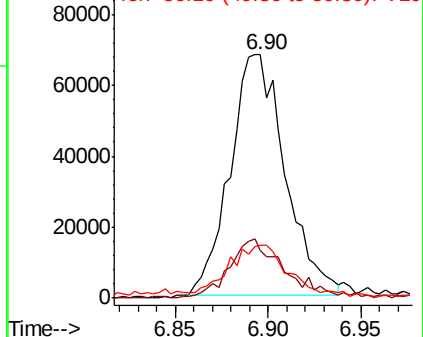
50 19.5 17.4 26.2

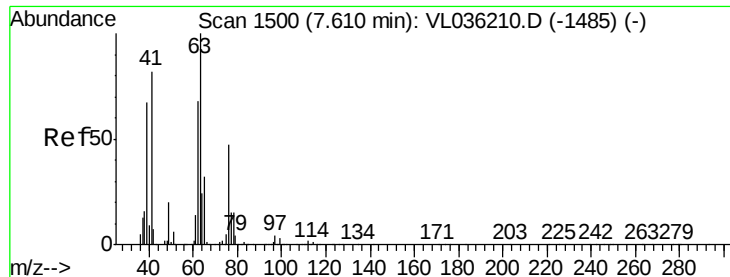


Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0





#39

1,2-Dichloropropane

Concen: 0.085 ppbv

RT: 7.24 min Scan# 1384

Delta R.T. -0.37 min

Lab File: VL036227.D

Acq: 13 Jan 2021 15:59

Instrument :

MSVOA_L

ClientSampleId :

0121-SS5

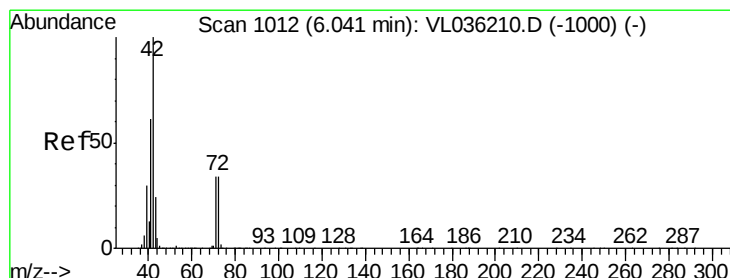
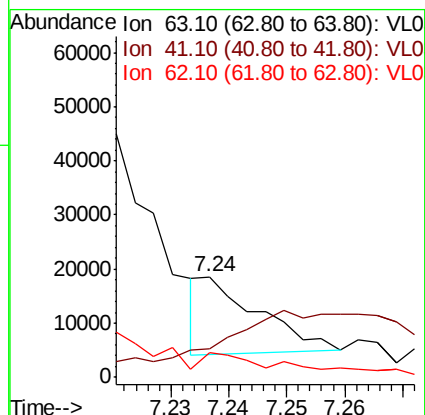
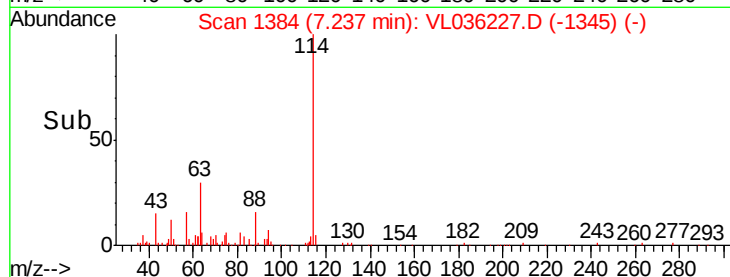
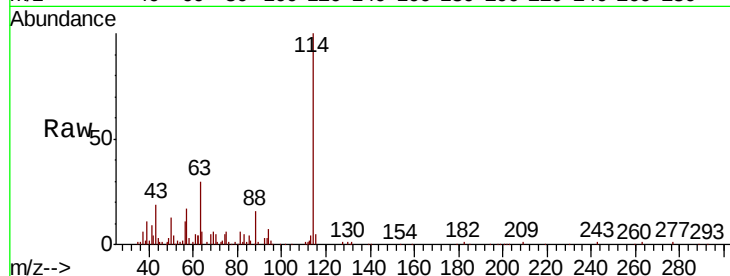
Tot Ion: 63 Resp: 9915

Ion Ratio Lower Upper

63 100

41 2.1 66.1 99.1#

62 23.4 54.8 82.2#



#41

Tetrahydrofuran

Concen: 0.110 ppbv

RT: 6.32 min Scan# 1098

Delta R.T. 0.28 min

Lab File: VL036227.D

Acq: 13 Jan 2021 15:59

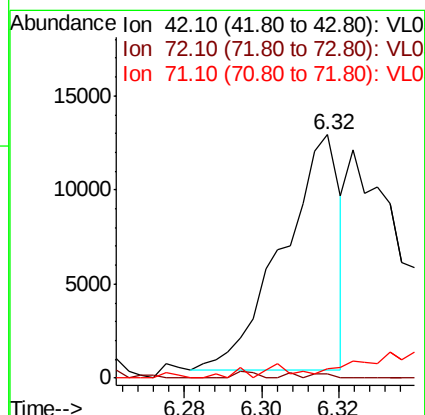
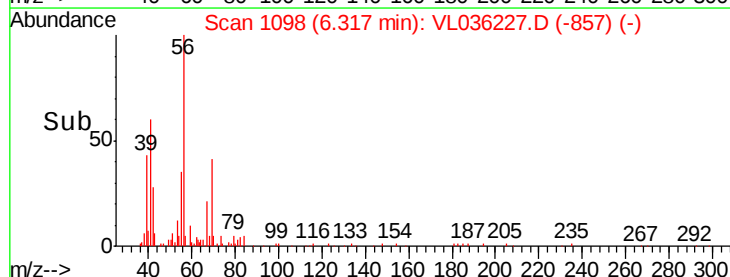
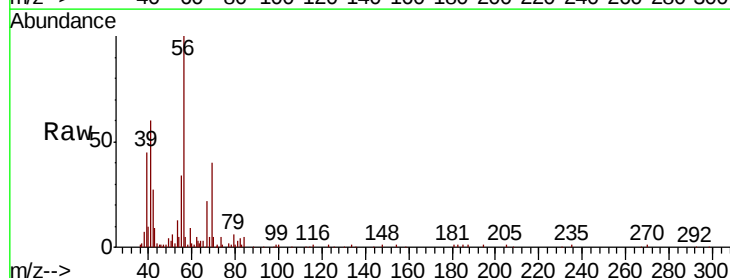
Tgt Ion: 42 Resp: 12922

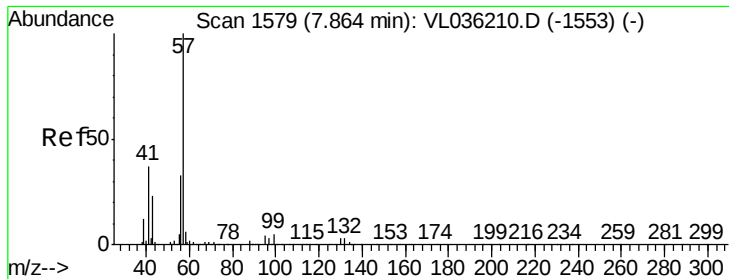
Ion Ratio Lower Upper

42 100

72 2.6 29.5 44.3#

71 0.0 29.1 43.7#

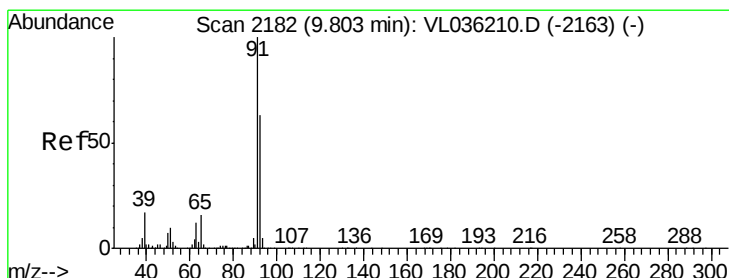
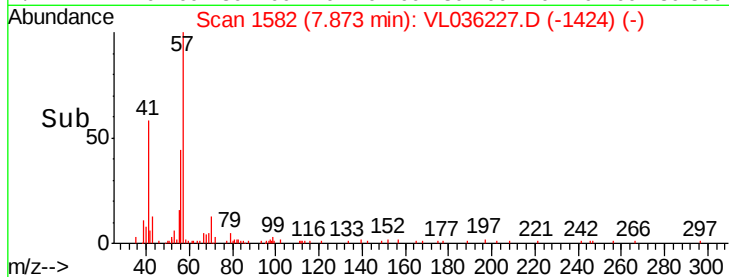
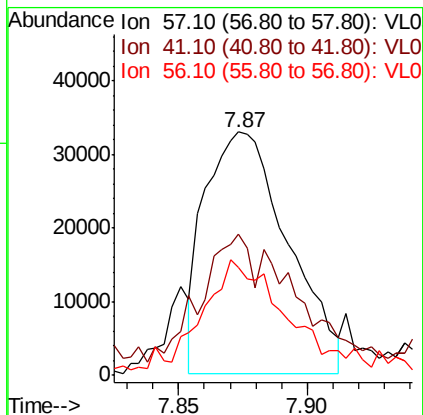
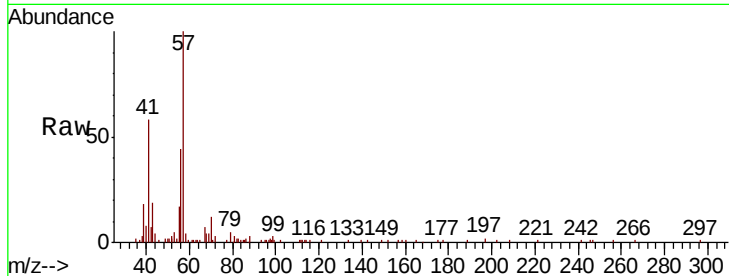




#44
 2,2,4-Trimethylpentane
 Concen: 0.139 ppbv
 RT: 7.87 min Scan# 1582
 Delta R.T. 0.01 min
 Lab File: VL036227.D
 Acq: 13 Jan 2021 15:59

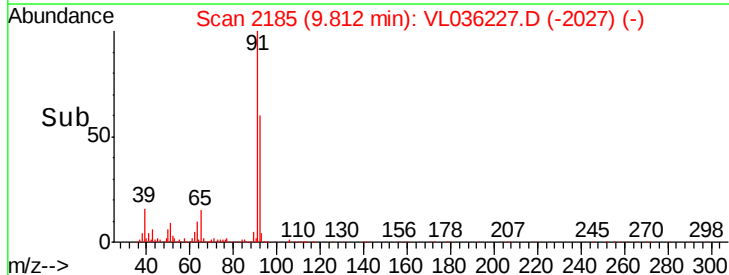
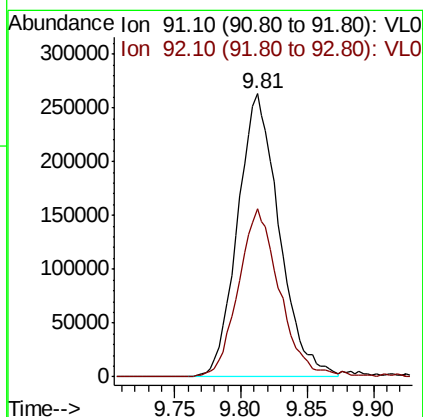
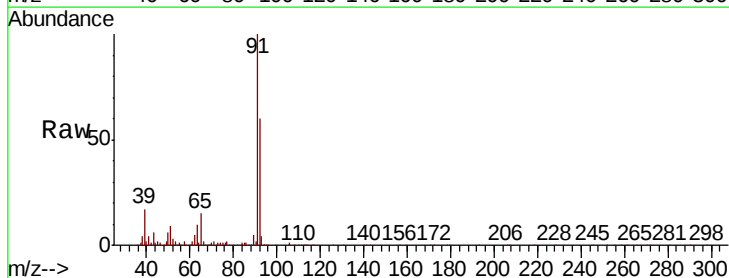
Instrument :
 MSVOA_L
 ClientSampleId :
 0121-SS5

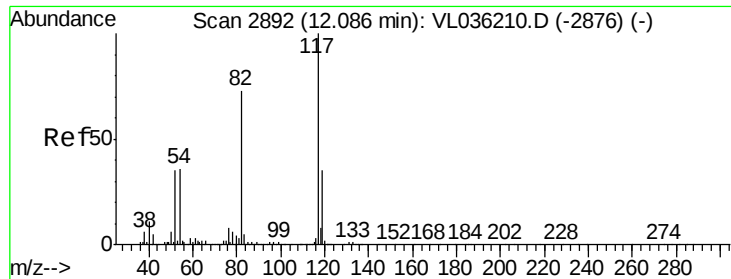
Tot Ion: 57 Resp: 73463
 Ion Ratio Lower Upper
 57 100
 41 65.9 28.5 42.7#
 56 50.5 25.5 38.3#



#53
 Toluene
 Concen: 1.794 ppbv
 RT: 9.81 min Scan# 2185
 Delta R.T. 0.01 min
 Lab File: VL036227.D
 Acq: 13 Jan 2021 15:59

Tgt Ion: 91 Resp: 570709
 Ion Ratio Lower Upper
 91 100
 92 59.4 48.5 72.7

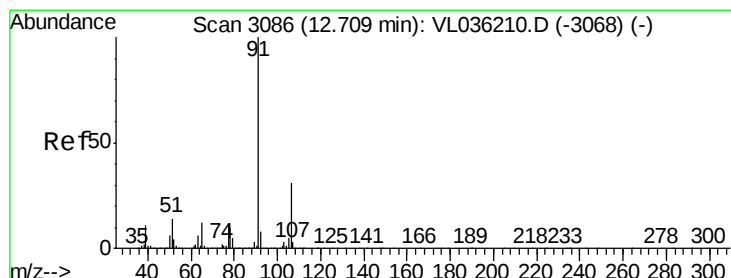
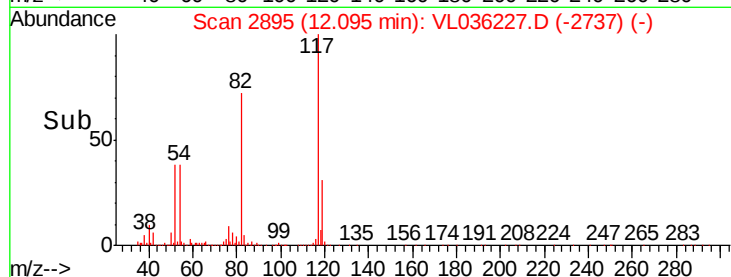
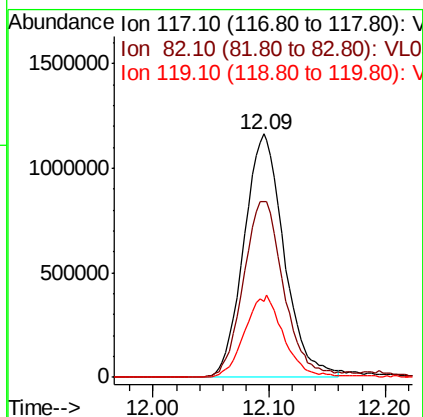
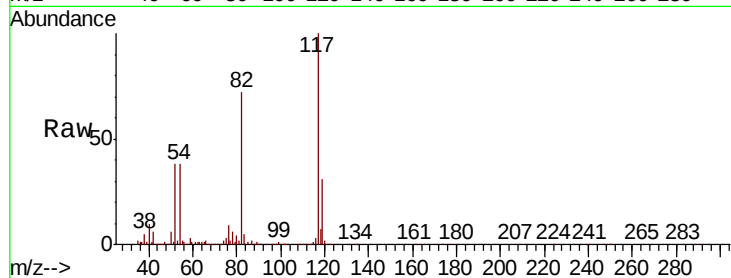




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2895
Delta R.T. 0.01 min
Lab File: VL036227.D
Acq: 13 Jan 2021 15:59

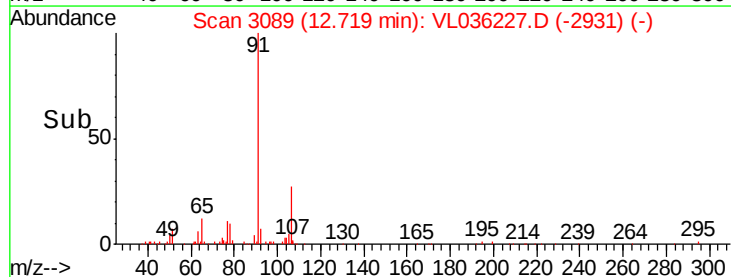
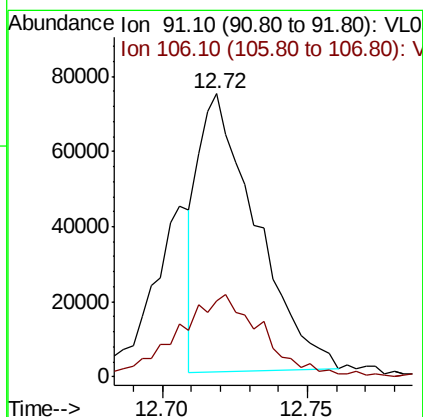
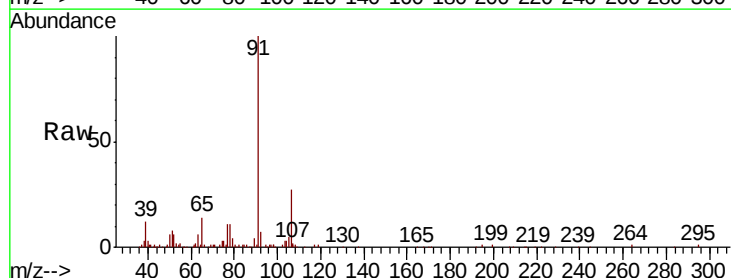
Instrument :
MSVOA_L
ClientSampleId :
0121-SS5

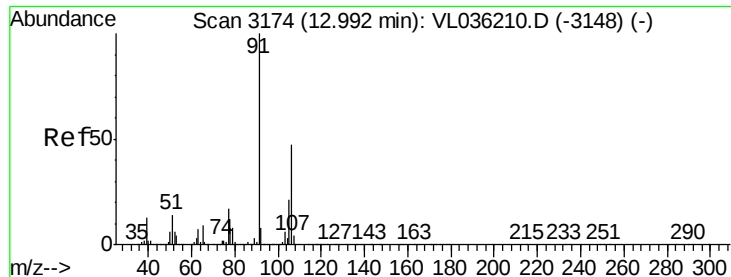
Tot Ion:117 Resp: 2803349
Ion Ratio Lower Upper
117 100
82 76.1 59.7 89.5
119 33.4 28.6 43.0



#58
Ethyl Benzene
Concen: 0.247 ppbv
RT: 12.72 min Scan# 3089
Delta R.T. 0.01 min
Lab File: VL036227.D
Acq: 13 Jan 2021 15:59

Tgt Ion: 91 Resp: 102808
Ion Ratio Lower Upper
91 100
106 26.9 24.8 37.2

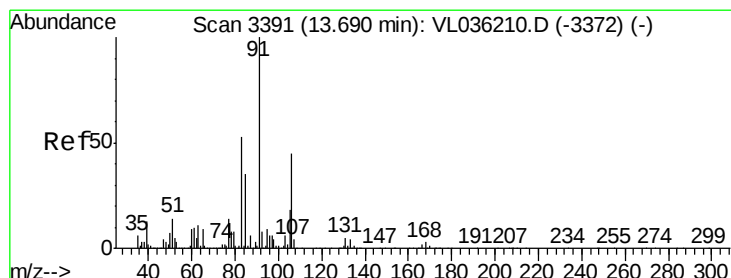
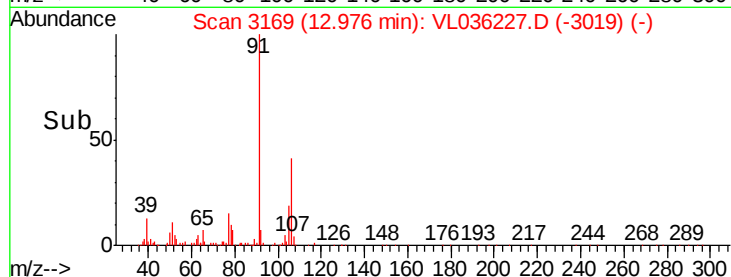
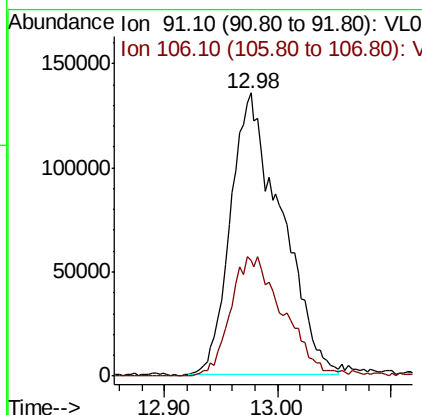
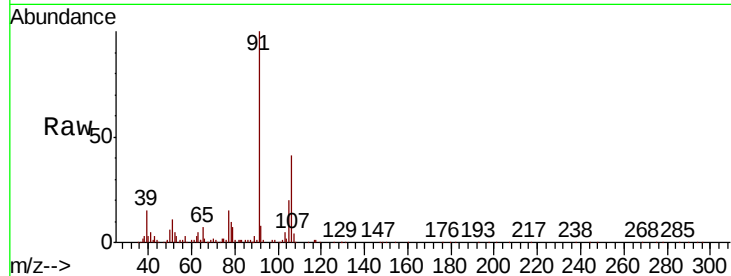




#59
m/p-Xylene
Concen: 1.171 ppbv
RT: 12.98 min Scan# 3169
Delta R.T. -0.02 min
Lab File: VL036227.D
Acq: 13 Jan 2021 15:59

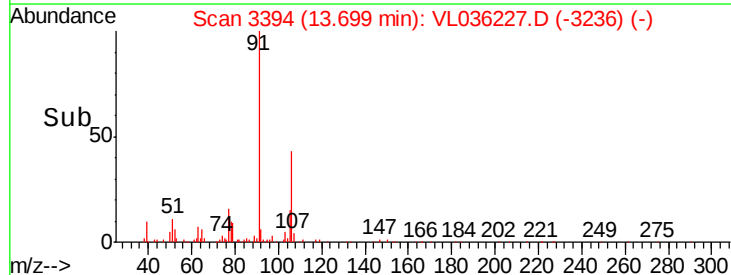
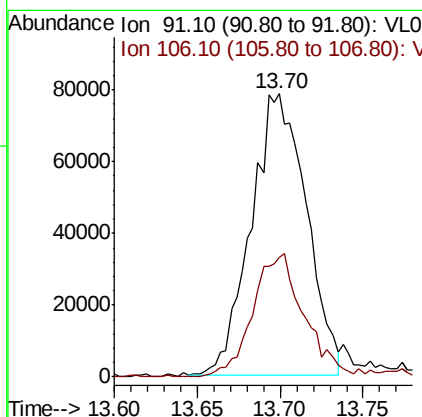
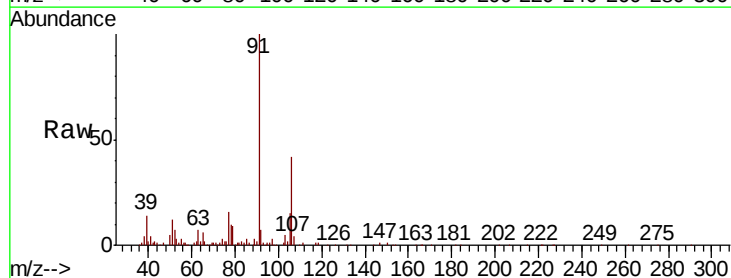
Instrument :
MSVOA_L
ClientSampleId :
0121-SS5

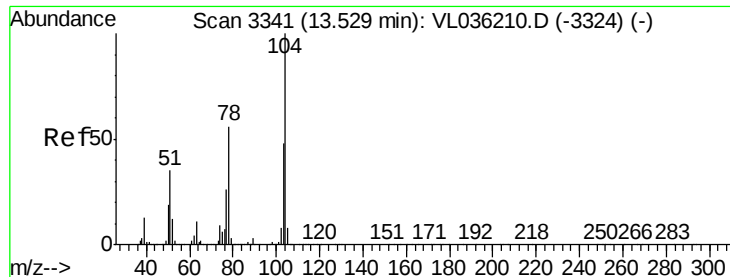
Tot Ion: 91 Resp: 418735
Ion Ratio Lower Upper
91 100
106 45.0 34.6 51.8



#60
o-Xylene
Concen: 0.530 ppbv
RT: 13.70 min Scan# 3394
Delta R.T. 0.01 min
Lab File: VL036227.D
Acq: 13 Jan 2021 15:59

Tgt Ion: 91 Resp: 182485
Ion Ratio Lower Upper
91 100
106 40.8 21.9 65.8





#61

Stvrene

Concen: 0.074 ppbv

RT: 13.54 min Scan# 3344

Delta R.T. 0.01 min

Lab File: VL036227.D

Acq: 13 Jan 2021 15:59

Instrument :

MSVOA_L

ClientSampleId :

0121-SS5

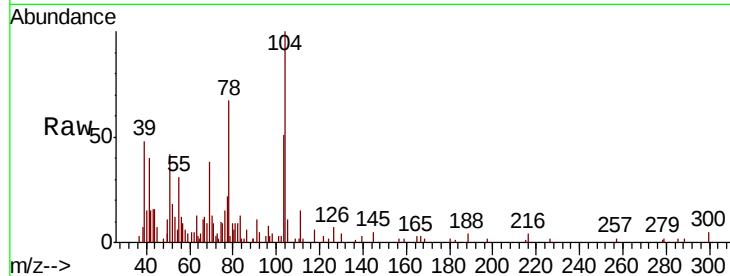
Tot Ion:104 Resp: 16074

Ion Ratio Lower Upper

104 100

78 133.5 46.8 70.2#

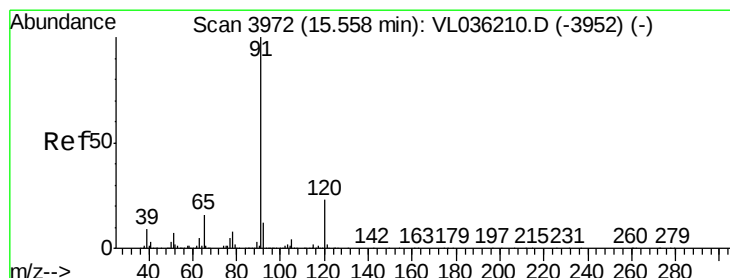
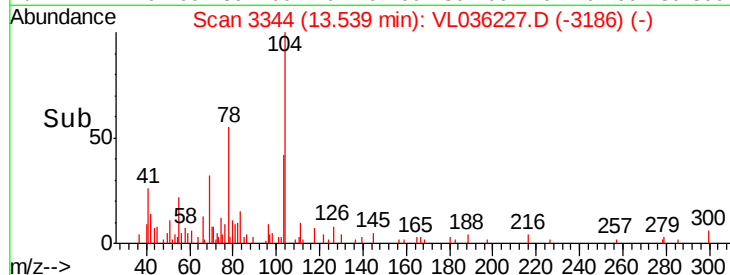
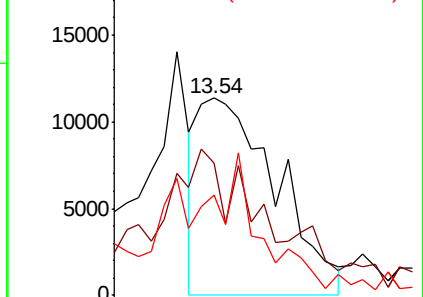
103 92.2 38.4 57.6#



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VL0

Ion 103.10 (102.80 to 103.80): V



#64

n-propylbenzene

Concen: 0.082 ppbv

RT: 15.57 min Scan# 3975

Delta R.T. 0.01 min

Lab File: VL036227.D

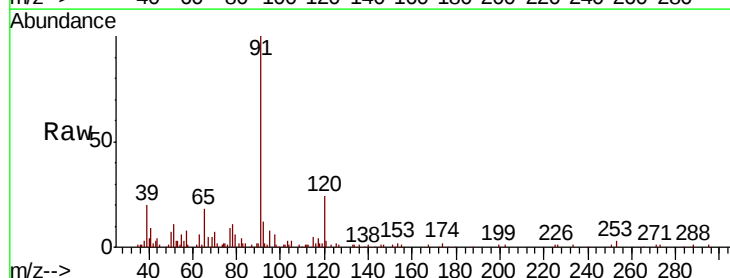
Acq: 13 Jan 2021 15:59

Tgt Ion:120 Resp: 10305

Ion Ratio Lower Upper

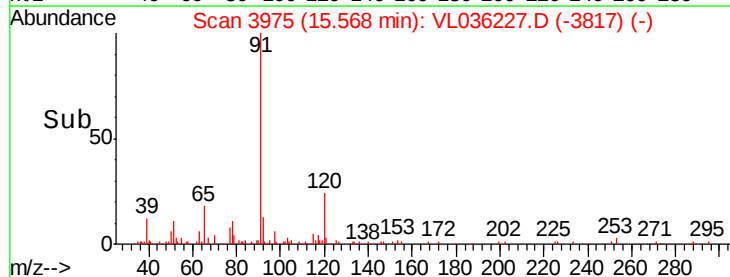
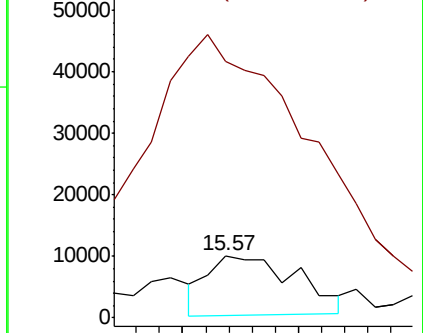
120 100

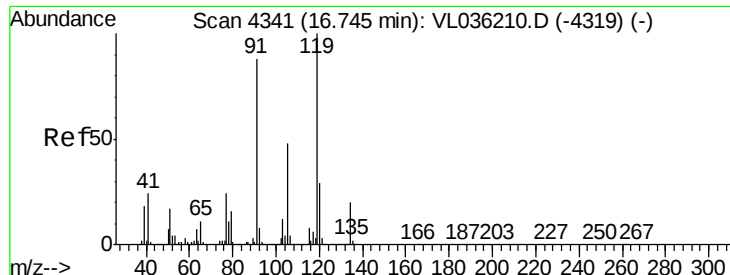
91 1062.4 391.8 587.6#



Abundance Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0





#65

tert-Butylbenzene

Concen: 0.068 ppbv

RT: 16.76 min Scan# 4346

Delta R.T. 0.02 min

Lab File: VL036227.D

Acq: 13 Jan 2021 15:59

Instrument :

MSVOA_L

ClientSampleId :

0121-SS5

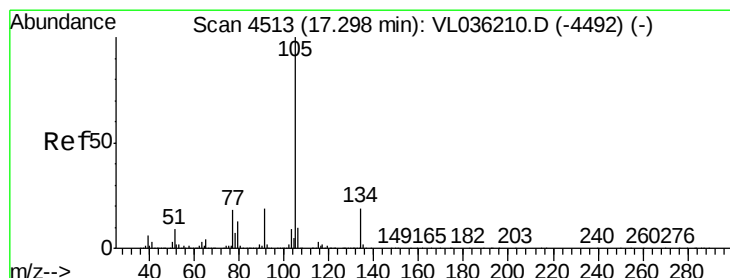
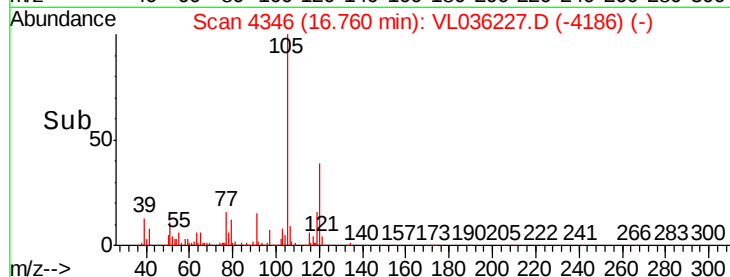
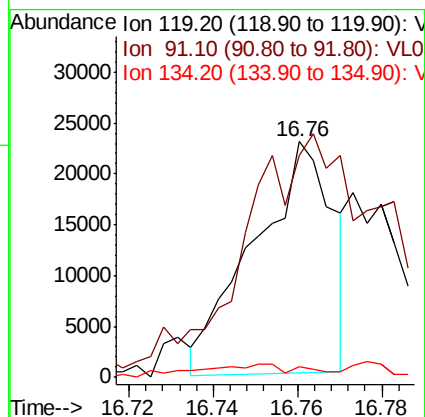
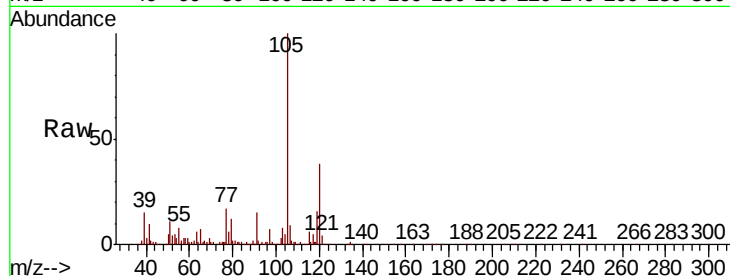
Tot Ion:119 Resp: 29506

Ion Ratio Lower Upper

119 100

91 206.9 71.0 106.6#

134 0.0 15.8 23.6#



#67

sec-Butylbenzene

Concen: 0.140 ppbv

RT: 17.60 min Scan# 4608

Delta R.T. 0.31 min

Lab File: VL036227.D

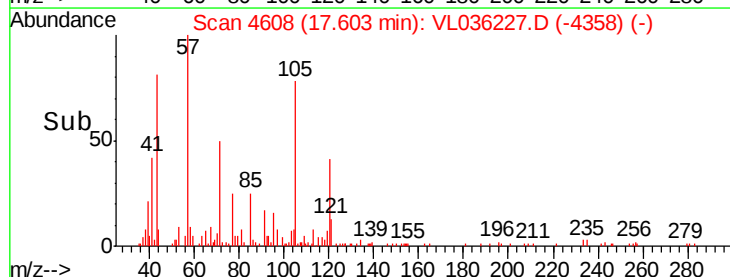
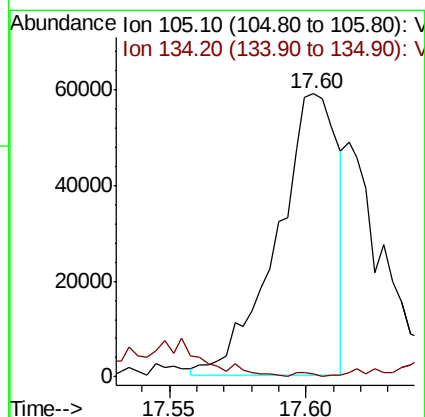
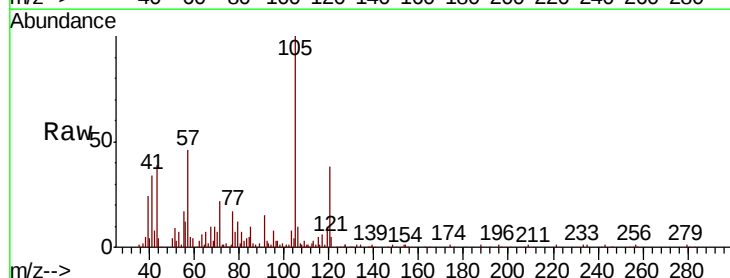
Acq: 13 Jan 2021 15:59

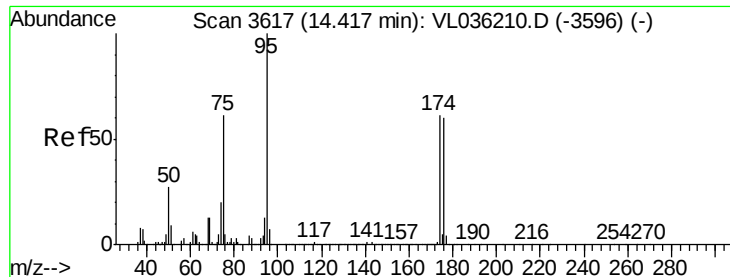
Tgt Ion:105 Resp: 90470

Ion Ratio Lower Upper

105 100

134 17.4 14.2 21.4

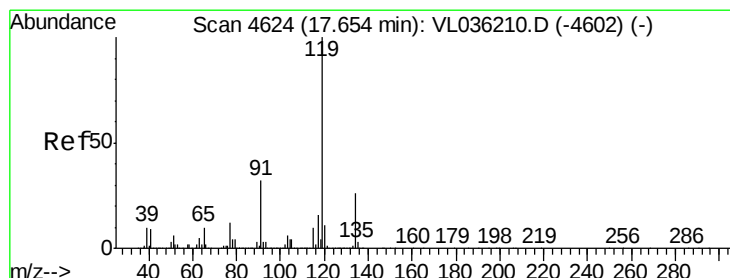
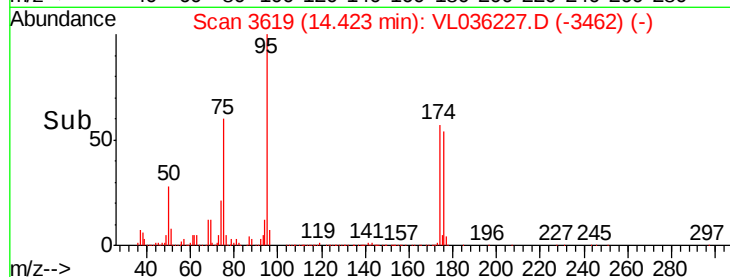
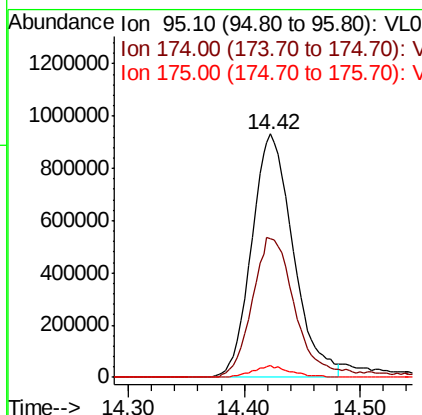
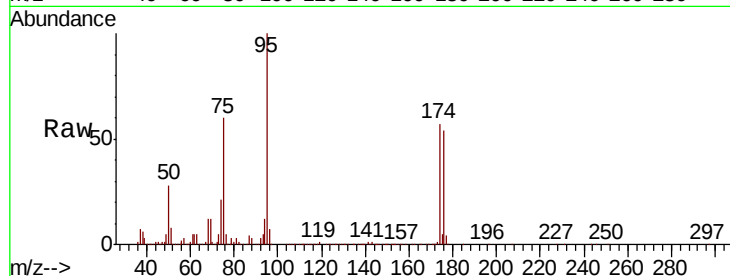




#68
1-Bromo-4-Fluorobenzene
Concen: 10.000 ppbv
RT: 14.42 min Scan# 3619
Delta R.T. 0.01 min
Lab File: VL036227.D
Acq: 13 Jan 2021 15:59

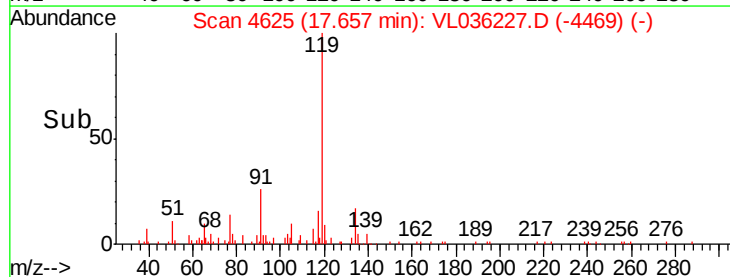
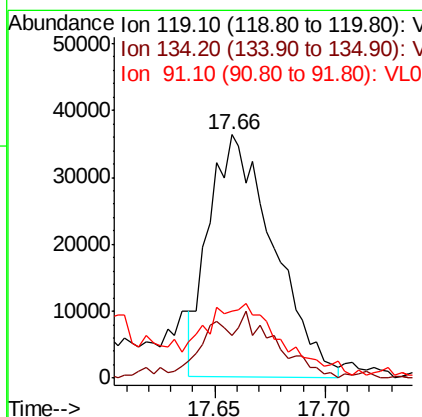
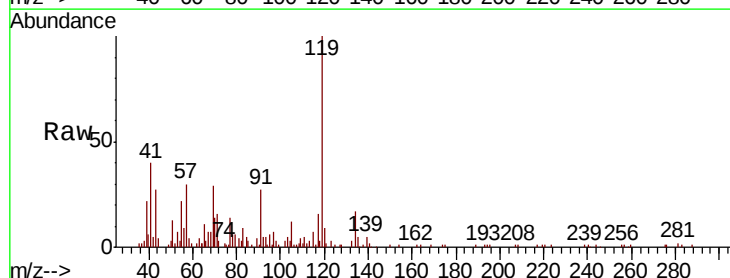
Instrument :
MSVOA_L
ClientSampleId :
0121-SS5

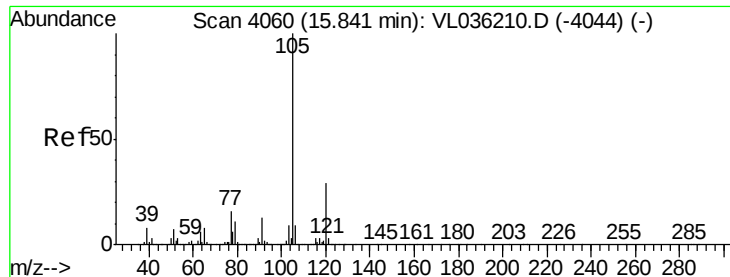
Tot Ion: 95 Resp: 2320297
Ion Ratio Lower Upper
95 100
174 62.0 49.4 74.0
175 4.6 3.8 5.8



#69
p-Isopropyltoluene
Concen: 0.145 ppbv
RT: 17.66 min Scan# 4625
Delta R.T. 0.00 min
Lab File: VL036227.D
Acq: 13 Jan 2021 15:59

Tgt Ion: 119 Resp: 73414
Ion Ratio Lower Upper
119 100
134 31.6 20.2 30.4#
91 40.0 26.0 39.0#





#72

4-Ethyltoluene

Concen: 0.100 ppbv

RT: 15.85 min Scan# 4064

Delta R.T. 0.01 min

Lab File: VL036227.D

Acq: 13 Jan 2021 15:59

Instrument :

MSVOA_L

ClientSampleId :

0121-SS5

Tot Ion:105 Resp: 38912

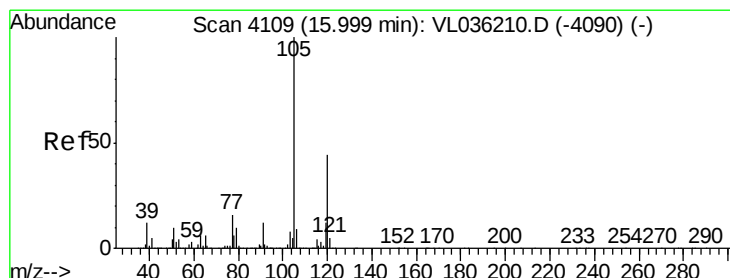
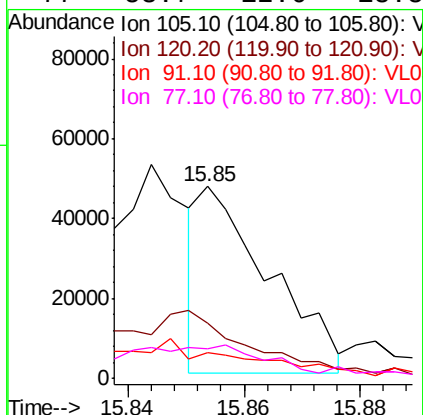
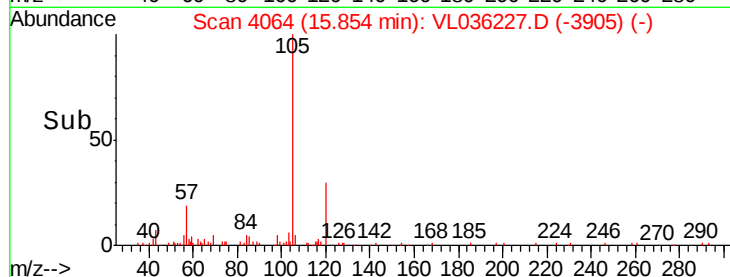
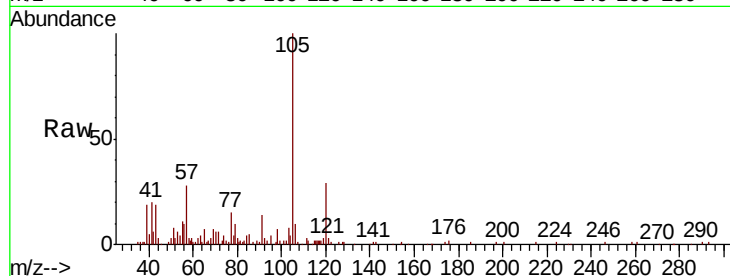
Ion Ratio Lower Upper

105 100

120 91.8 23.7 35.5#

91 51.2 11.9 17.9#

77 53.7 12.6 18.8#



#73

1,3,5-Trimethylbenzene

Concen: 0.138 ppbv

RT: 16.00 min Scan# 4111

Delta R.T. 0.01 min

Lab File: VL036227.D

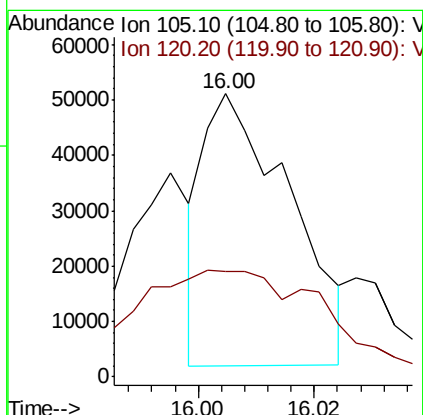
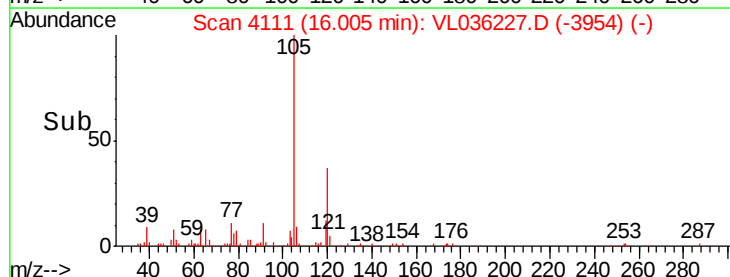
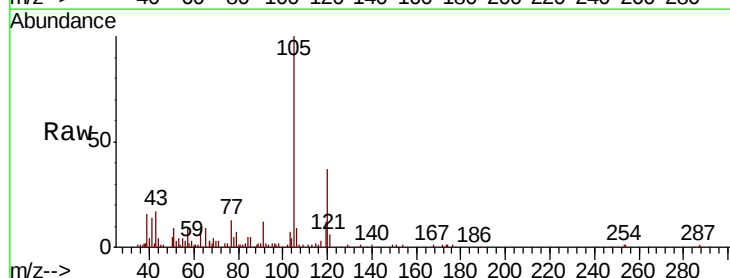
Acq: 13 Jan 2021 15:59

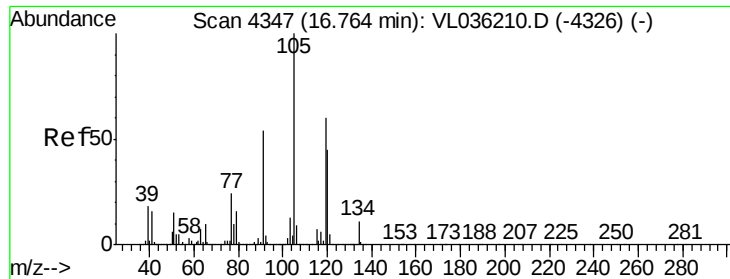
Tgt Ion:105 Resp: 51039

Ion Ratio Lower Upper

105 100

120 27.3 35.5 53.3#

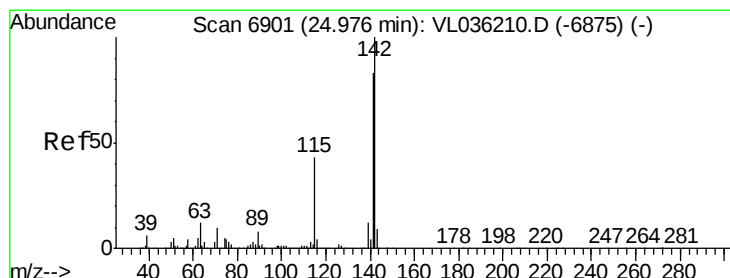
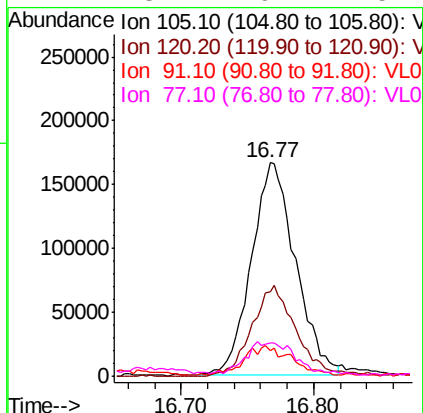
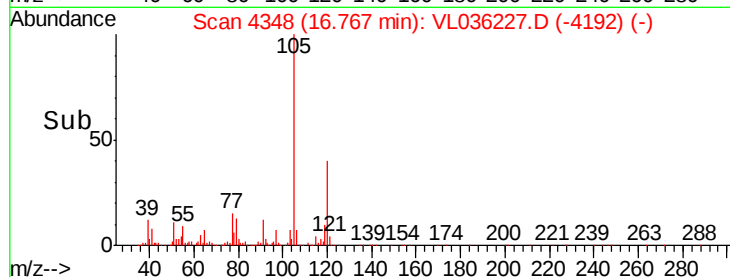
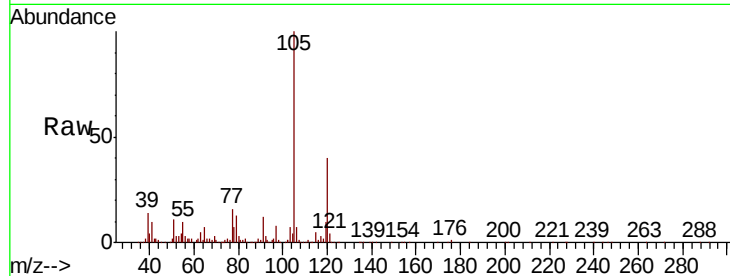




#74
 1,2,4-Trimethylbenzene
 Concen: 1.022 ppbv
 RT: 16.77 min Scan# 4348
 Delta R.T. 0.00 min
 Lab File: VL036227.D
 Acq: 13 Jan 2021 15:59

Instrument :
 MSVOA_L
 ClientSampleId :
 0121-SS5

Tot Ion:	105	Resp:	388528
Ion	Ratio	Lower	Upper
105	100		
120	40.0	36.2	54.2
91	11.6	43.3	64.9#
77	13.7	19.1	28.7#



#80
 Naphthalene, 2-methyl-
 Concen: 0.042 ppbv
 RT: 24.99 min Scan# 6905
 Delta R.T. 0.01 min
 Lab File: VL036227.D
 Acq: 13 Jan 2021 15:59

Tgt Ion:	142	Resp:	1855
Ion	Ratio	Lower	Upper
142	100		
141	237.5	68.6	102.8#
115	144.2	32.9	49.3#

