

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL060121\
 Data File : VL037067.D
 Acq On : 1 Jun 2021 12:49
 Operator : SY/AP
 Sample : M2559-01 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jun 02 02:59:33 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL051821AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue May 18 12:00:15 2021
 QLast Update : Tue May 18 12:00:15 2021
 Response via : Initial Calibration

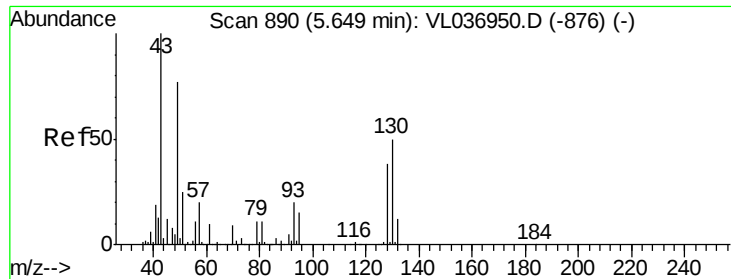
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1577252	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.15	114	4664347	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.06	117	4367811	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	3404471	10.38	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.03	85	12055	0.045	ppbv	98
9) Propene	3.01	41	42923	0.415	ppbv	86
10) Heptane	8.11	43	3504746	13.592	ppbv	99
13) Ethanol	3.60	45	169920	12.308	ppbv	70
15) Acetone	3.84	43	1836940	11.370	ppbv	93
16) 1,3-Butadiene	3.29	39	24858	0.248	ppbv #	35
17) tert-Butyl alcohol	4.30	59	97774	0.661	ppbv #	86
19) Isopropyl Alcohol	3.97	45	50755	0.584	ppbv #	30
20) Methylene Chloride	4.33	84	188308	2.174	ppbv	98
21) Allyl Chloride	4.35	41	42613	0.350	ppbv #	45
23) Vinyl Acetate	5.05	43	13960	0.054	ppbv #	1
25) Ethyl Acetate	5.67	43	370425	0.954	ppbv #	80
26) Hexane	5.67	57	487034	2.456	ppbv #	47
27) Carbon Disulfide	4.54	76	36128	0.181	ppbv #	83
29) Chloroform	5.74	83	19892	0.071	ppbv	87
30) Cyclohexane	7.11	84	148474	0.881	ppbv	91
34) 2-Butanone	5.24	43	64871	0.382	ppbv #	52
36) Benzene	6.87	78	433800	1.080	ppbv	96
39) 1,2-Dichloropropane	7.15	63	1120610	7.241	ppbv #	26
42) Bromodichloromethane	7.78	83	145874	0.484	ppbv #	26
44) 2,2,4-Trimethylpentane	7.85	57	399708	0.580	ppbv #	1
50) 4-Methyl-2-Pentanone	8.74	43	161603	0.577	ppbv #	55
51) 2-Hexanone	10.10	43	6507	0.044	ppbv #	27
53) Toluene	9.79	91	8907892	18.634	ppbv	98
58) Ethyl Benzene	12.69	91	946087	1.535	ppbv	97
59) m/p-Xylene	12.94	91	2715673	5.329	ppbv	99
60) o-Xylene	13.67	91	882848	1.817	ppbv	97
61) Styrene	13.51	104	54992	0.201	ppbv #	87
62) Isopropylbenzene	14.64	105	792944	1.135	ppbv	97
64) n-propylbenzene	15.55	120	59444	0.330	ppbv	89
65) tert-Butylbenzene	16.73	119	53955	0.086	ppbv #	21
69) p-Isopropyltoluene	17.63	119	208801	0.282	ppbv #	29
70) n-Butylbenzene	18.53	91	50071	0.071	ppbv #	48
71) 2-Chlorotoluene	15.54	91	264846	0.525	ppbv #	42
72) 4-Ethyltoluene	15.82	105	328373	0.569	ppbv	98
73) 1,3,5-Trimethylbenzene	15.98	105	201194	0.371	ppbv	97
74) 1,2,4-Trimethylbenzene	16.74	105	779473	1.392	ppbv #	72
80) Naphthalene,2-methyl-	24.95	142	9388	0.098	ppbv #	34

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 890

Delta R.T. -0.00 min

Lab File: VL037067.D

Acq: 1 Jun 2021 12:49

Instrument :

MSVOA_L

ClientSampled :

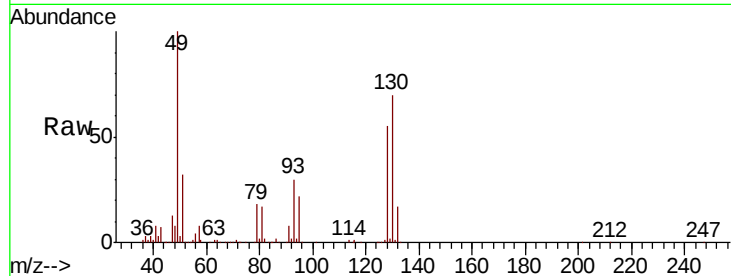
Tot Ion: 49 Resp: 1577252

Ion Ratio Lower Upper

49 100

128 56.2 26.9 80.7

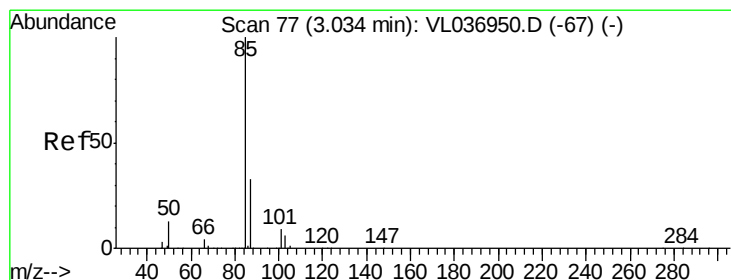
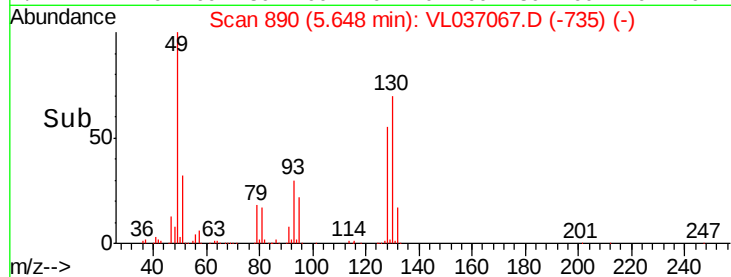
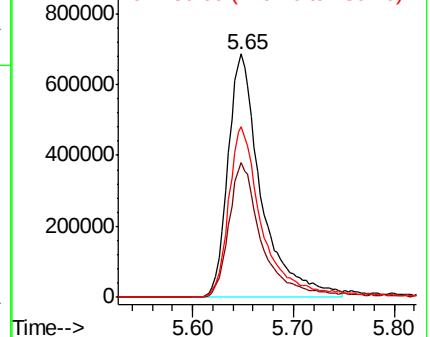
130 72.8 33.8 101.4



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#2

Dichlorodifluoromethane

Concen: 0.045 ppbv

RT: 3.03 min Scan# 76

Delta R.T. -0.00 min

Lab File: VL037067.D

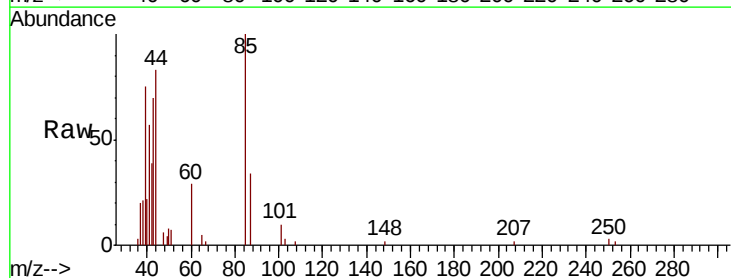
Acq: 1 Jun 2021 12:49

Tgt Ion: 85 Resp: 12055

Ion Ratio Lower Upper

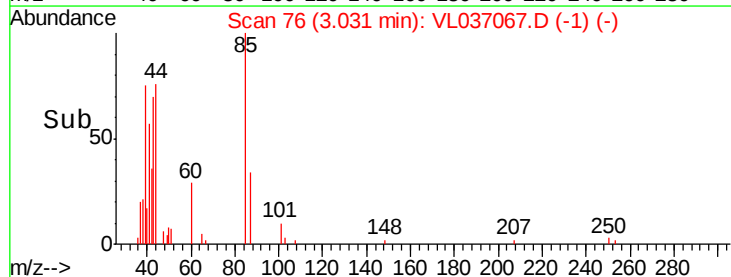
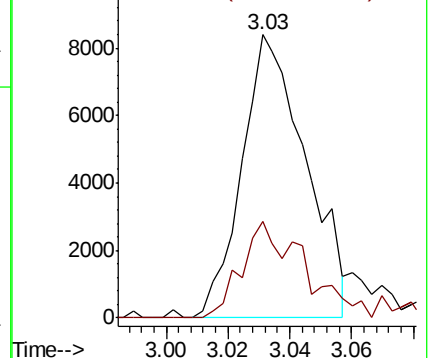
85 100

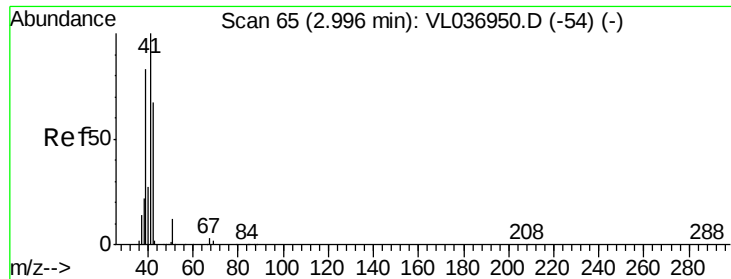
87 34.2 26.6 39.8



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#9

Propene

Concen: 0.415 ppbv

RT: 3.01 min Scan# 68

Delta R.T. 0.01 min

Lab File: VL037067.D

Acq: 1 Jun 2021 12:49

Instrument :

MSVOA_L

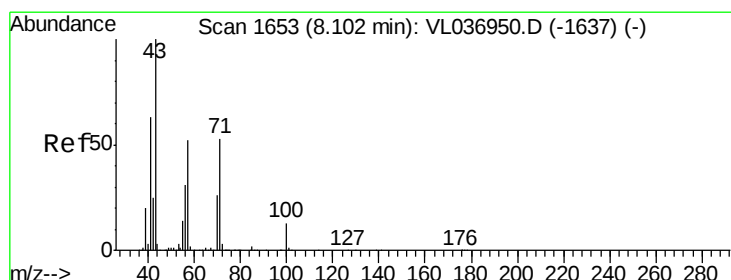
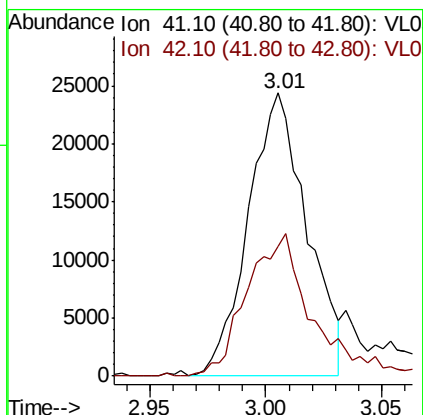
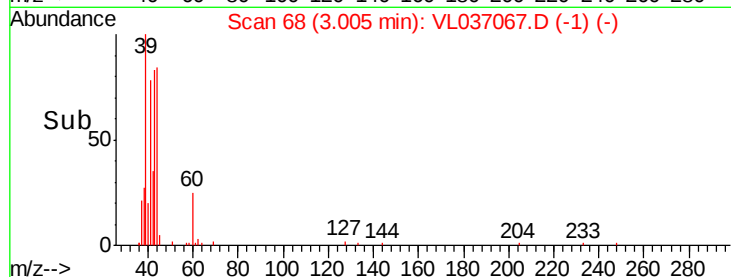
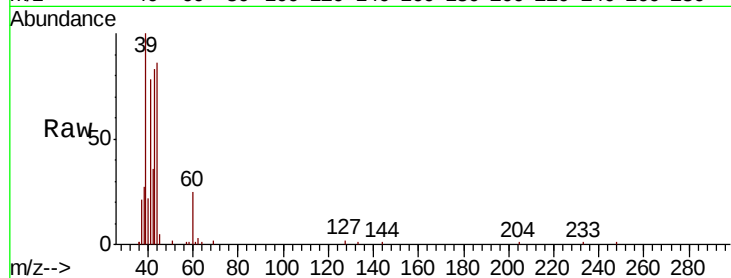
ClientSampleId :

Tot Ion: 41 Resp: 42923

Ion Ratio Lower Upper

41 100

42 55.8 53.9 80.9



#10

Heptane

Concen: 13.592 ppbv

RT: 8.11 min Scan# 1655

Delta R.T. 0.01 min

Lab File: VL037067.D

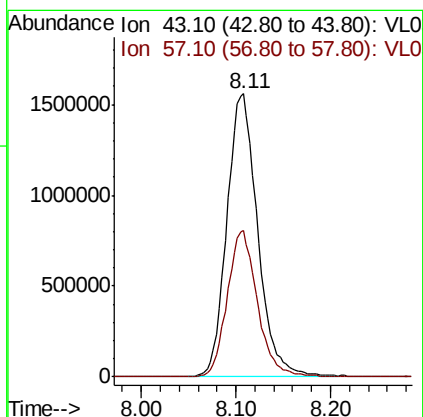
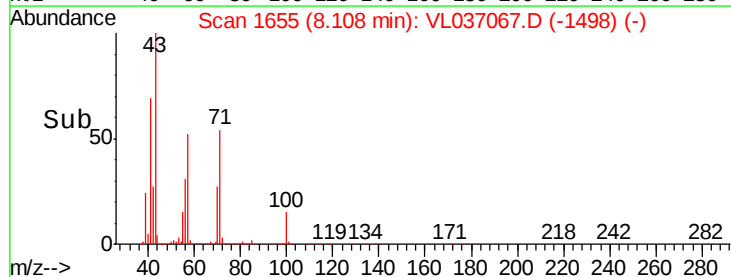
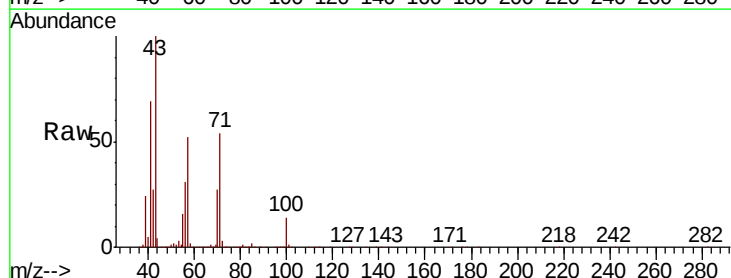
Acq: 1 Jun 2021 12:49

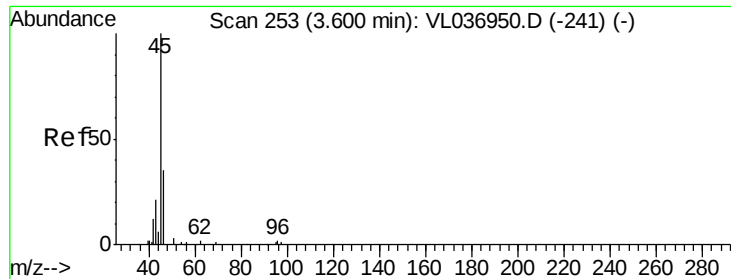
Tgt Ion: 43 Resp: 3504746

Ion Ratio Lower Upper

43 100

57 50.8 41.0 61.6

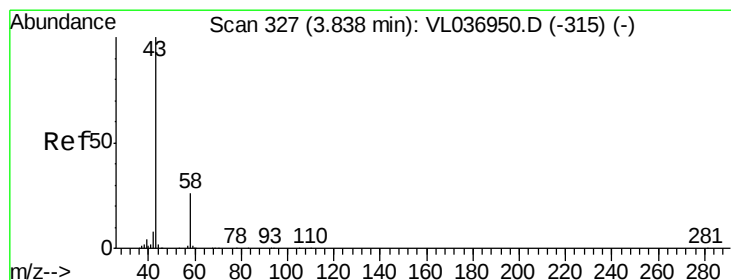
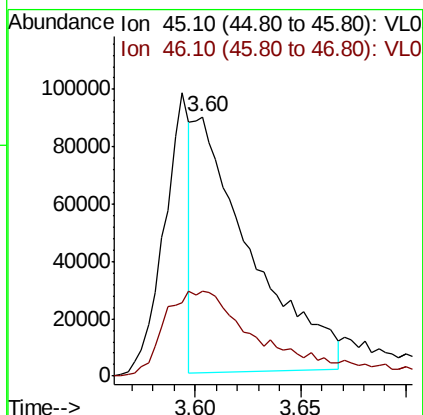
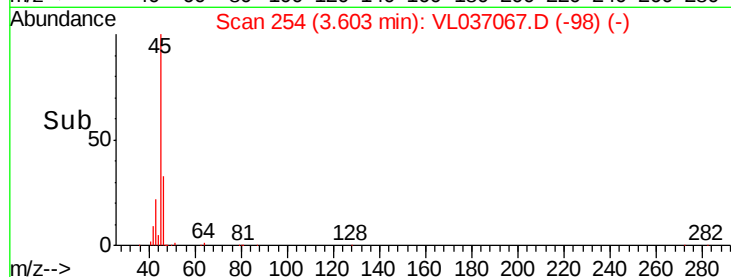
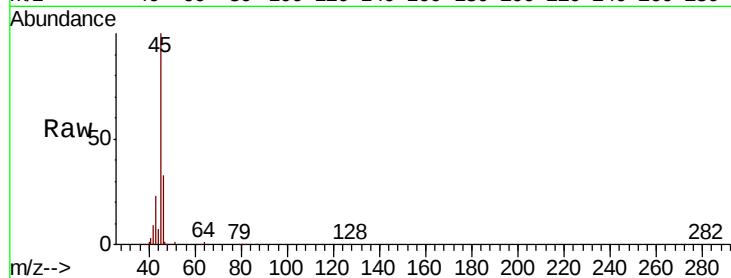




#13
Ethanol
Concen: 12.308 ppbv
RT: 3.60 min Scan# 254
Delta R.T. 0.00 min
Lab File: VL037067.D
Acq: 1 Jun 2021 12:49

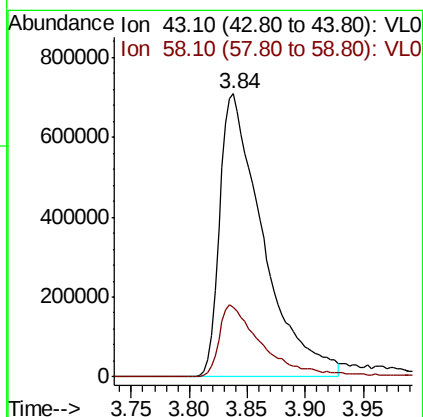
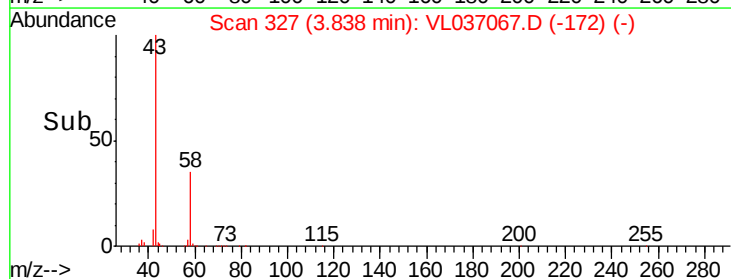
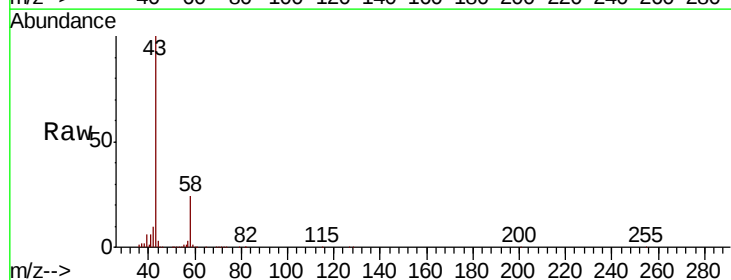
Instrument :
MSVOA_L
ClientSampleId :

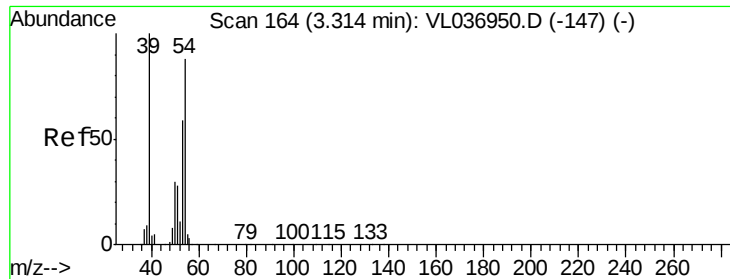
Tot Ion: 45 Resp: 169920
Ion Ratio Lower Upper
45 100
46 59.8 16.3 65.3



#15
Acetone
Concen: 11.370 ppbv
RT: 3.84 min Scan# 327
Delta R.T. -0.00 min
Lab File: VL037067.D
Acq: 1 Jun 2021 12:49

Tgt Ion: 43 Resp: 1836940
Ion Ratio Lower Upper
43 100
58 26.3 24.0 36.0

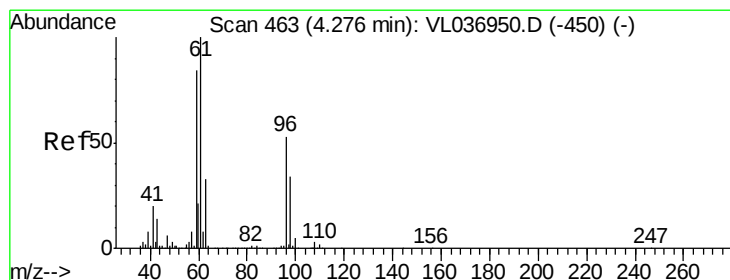
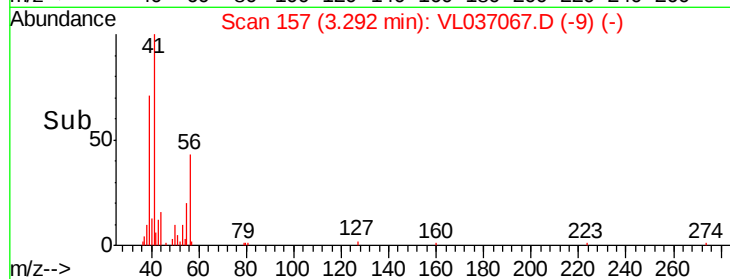
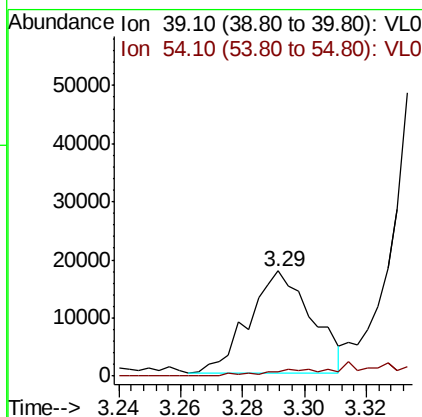
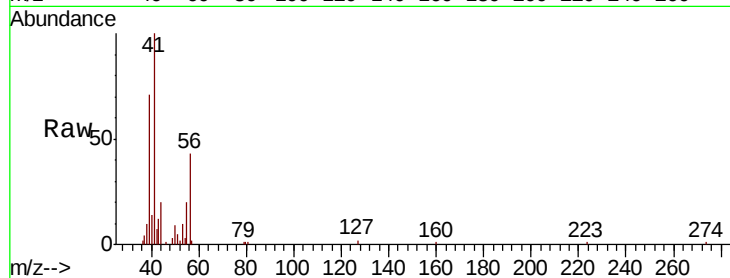




#16
 1,3-Butadiene
 Concen: 0.248 ppbv
 RT: 3.29 min Scan# 157
 Delta R.T. -0.02 min
 Lab File: VL037067.D
 Acq: 1 Jun 2021 12:49

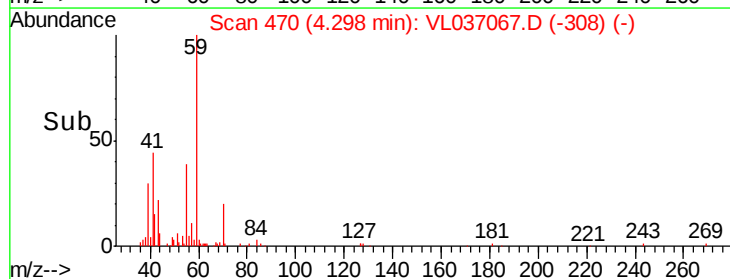
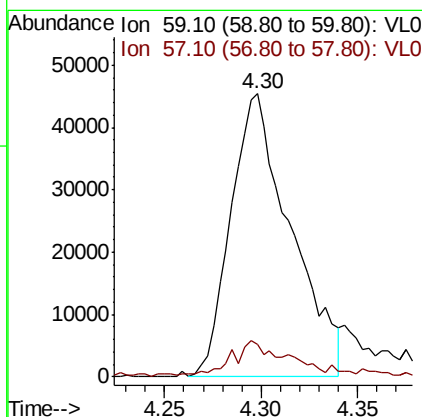
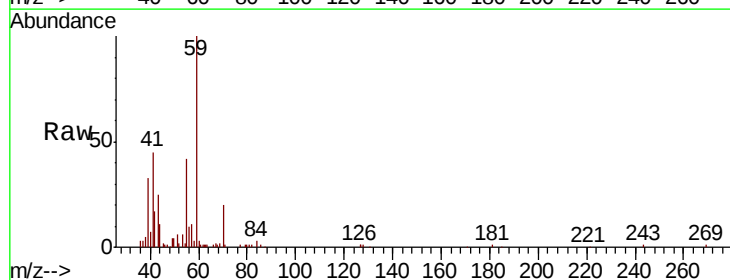
Instrument :
 MSVOA_L
 ClientSampleId :

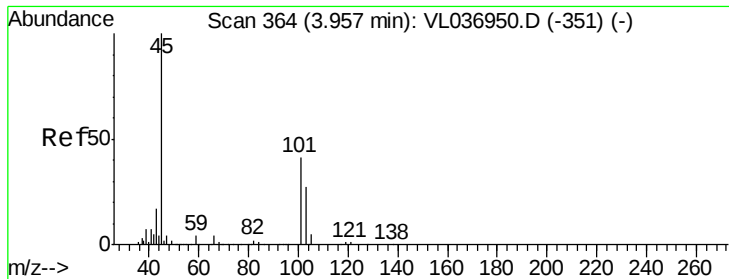
Tot Ion: 39 Resp: 24858
 Ion Ratio Lower Upper
 39 100
 54 22.5 63.2 94.8#



#17
 tert-Butyl alcohol
 Concen: 0.661 ppbv
 RT: 4.30 min Scan# 470
 Delta R.T. 0.02 min
 Lab File: VL037067.D
 Acq: 1 Jun 2021 12:49

Tgt Ion: 59 Resp: 97774
 Ion Ratio Lower Upper
 59 100
 57 15.5 8.3 12.5#



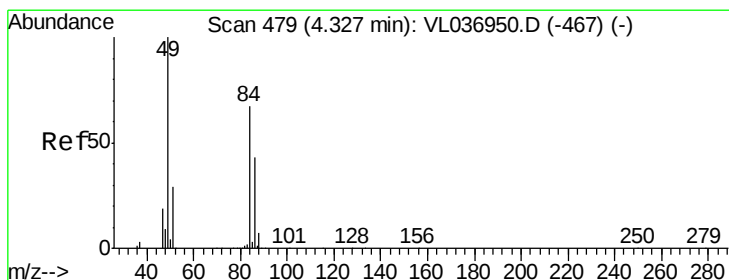
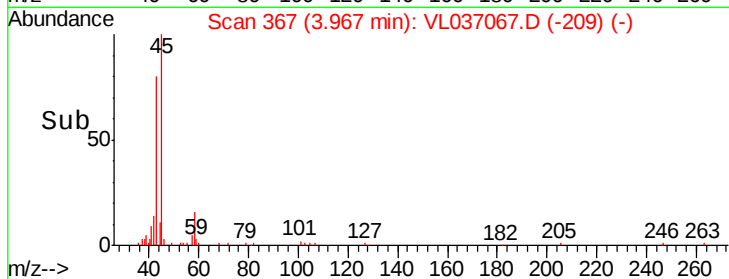
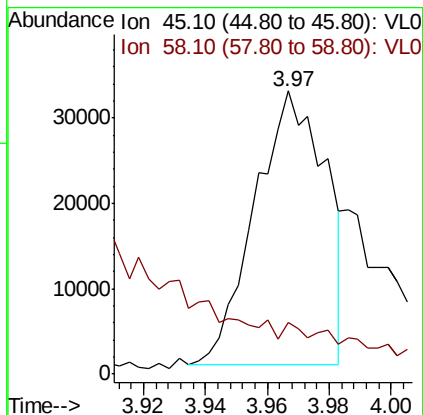
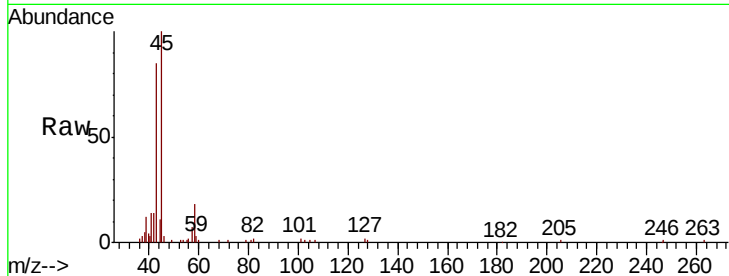


#19

Isopropyl Alcohol
 Concen: 0.584 ppbv
 RT: 3.97 min Scan# 367
 Delta R.T. 0.01 min
 Lab File: VL037067.D
 Acq: 1 Jun 2021 12:49

Instrument :
 MSVOA_L
 ClientSampleId :

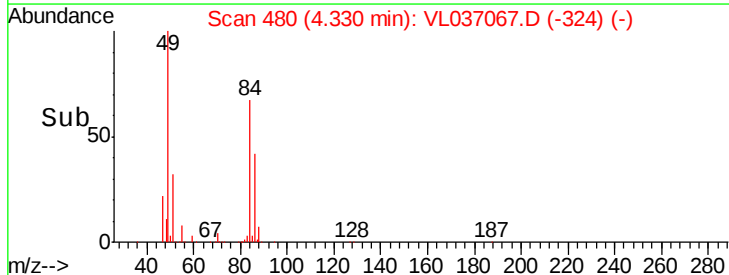
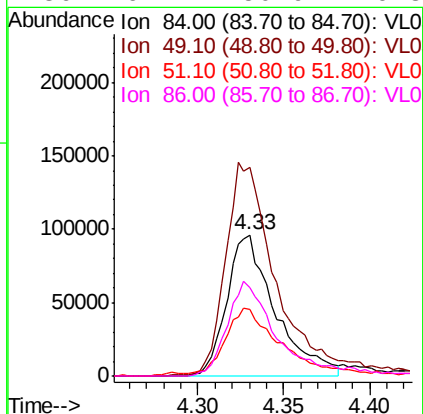
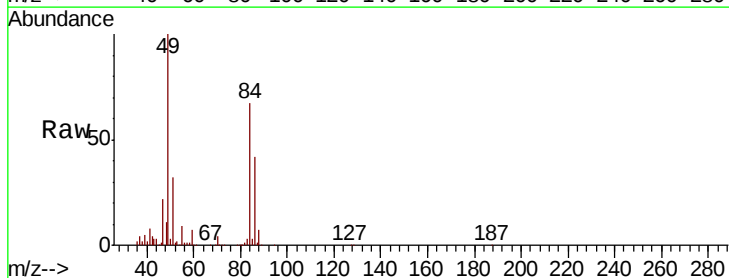
Tot Ion: 45 Resp: 50755
 Ion Ratio Lower Upper
 45 100
 58 0.0 37.2 55.8#

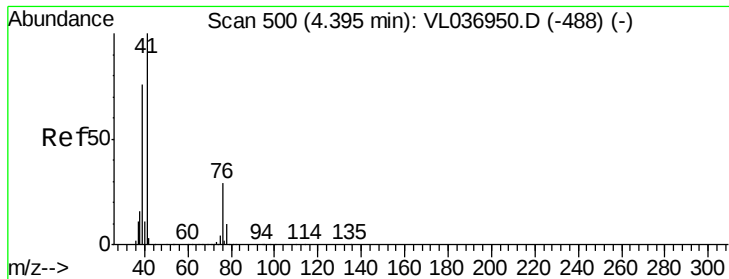


#20

Methylene Chloride
 Concen: 2.174 ppbv
 RT: 4.33 min Scan# 480
 Delta R.T. 0.00 min
 Lab File: VL037067.D
 Acq: 1 Jun 2021 12:49

Tgt Ion: 84 Resp: 188308
 Ion Ratio Lower Upper
 84 100
 49 147.4 119.8 179.6
 51 45.6 35.1 52.7
 86 62.4 50.9 76.3

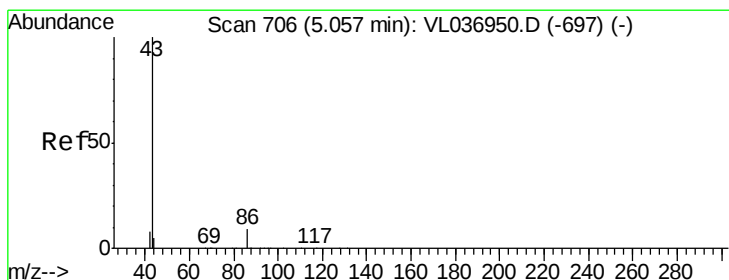
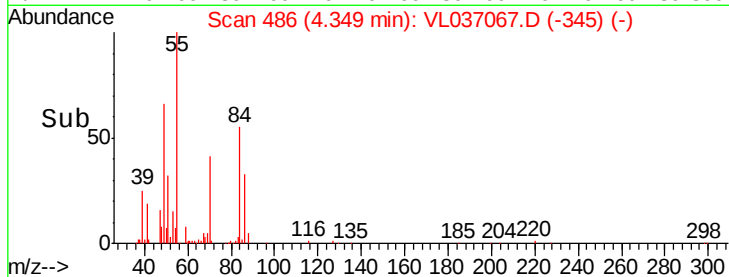
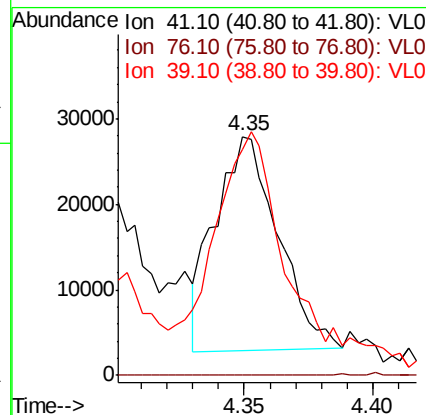
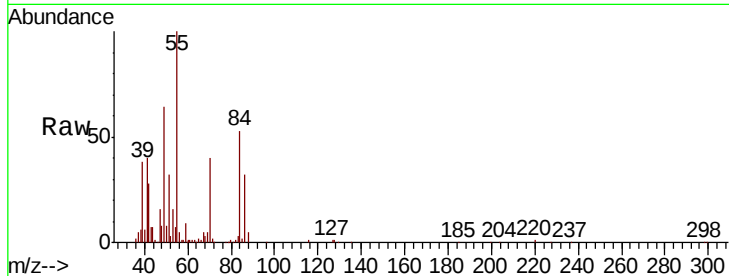




#21
Allvl Chloride
Concen: 0.350 ppbv
RT: 4.35 min Scan# 486
Delta R.T. -0.05 min
Lab File: VL037067.D
Acq: 1 Jun 2021 12:49

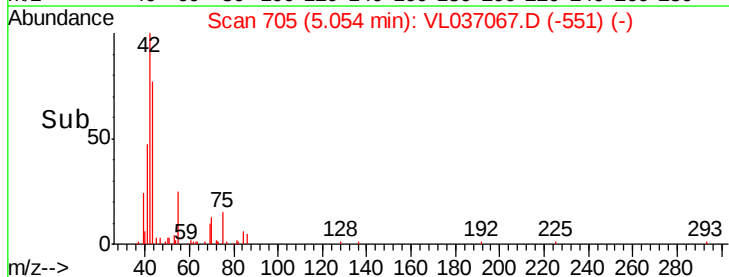
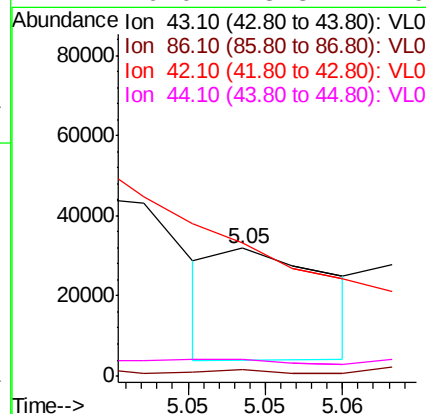
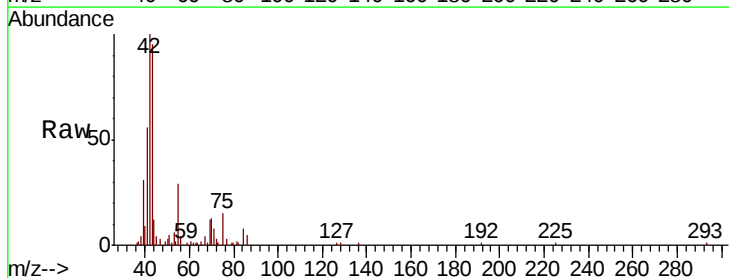
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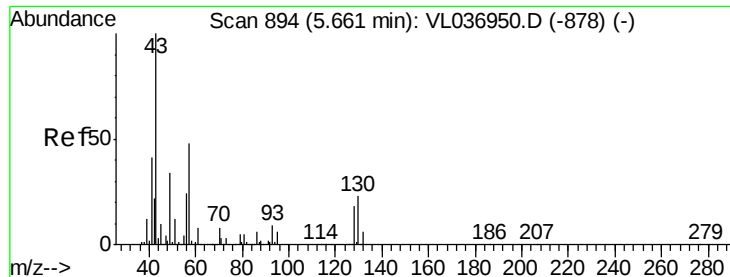
Tot Ion: 41 Resp: 42613
Ion Ratio Lower Upper
41 100
76 0.0 24.9 37.3#
39 127.8 63.7 95.5#



#23
Vinyl Acetate
Concen: 0.054 ppbv
RT: 5.05 min Scan# 705
Delta R.T. -0.00 min
Lab File: VL037067.D
Acq: 1 Jun 2021 12:49

Tgt Ion: 43 Resp: 13960
Ion Ratio Lower Upper
43 100
86 13.4 5.8 8.8#
42 129.7 7.4 11.2#
44 0.0 3.3 4.9#

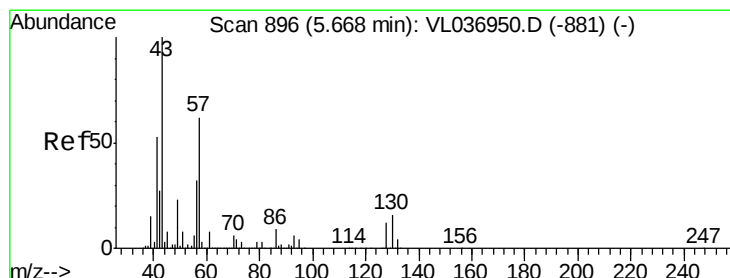
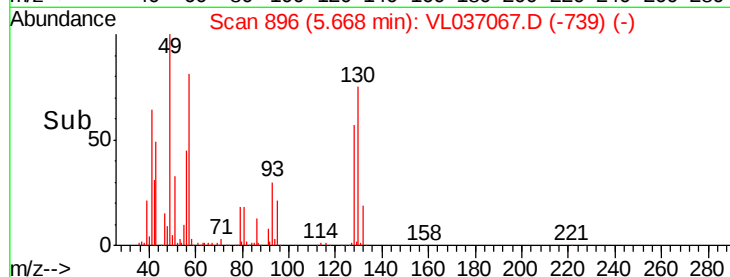
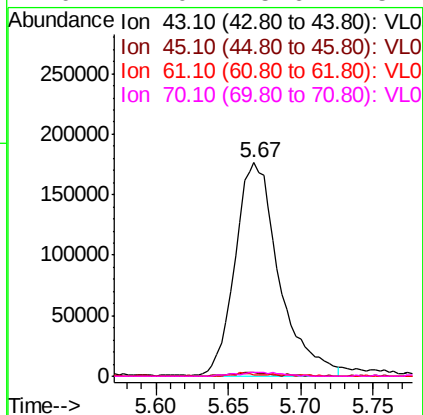
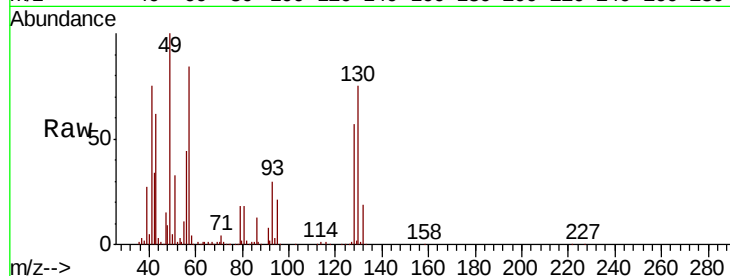




#25
Ethyl Acetate
Concen: 0.954 ppbv
RT: 5.67 min Scan# 896
Delta R.T. 0.01 min
Lab File: VL037067.D
Acq: 1 Jun 2021 12:49

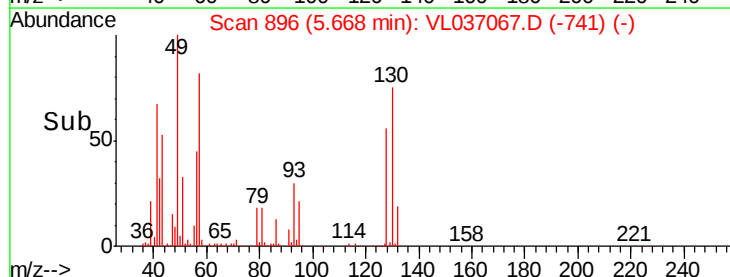
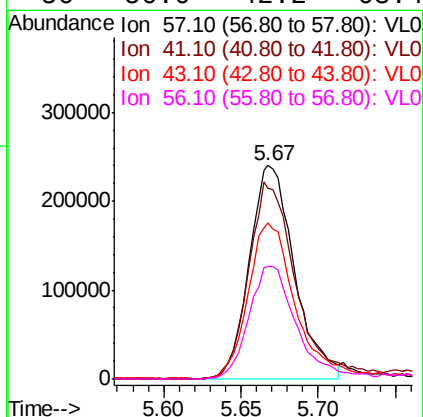
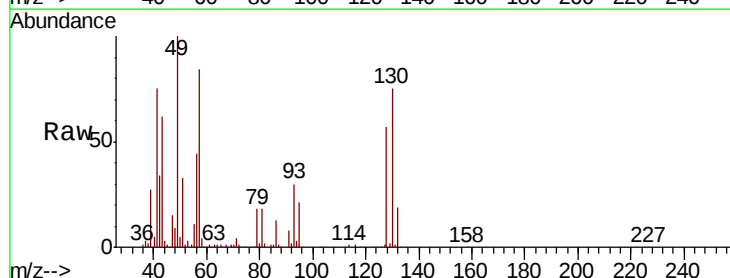
Instrument :
MSVOA_L
ClientSampled :

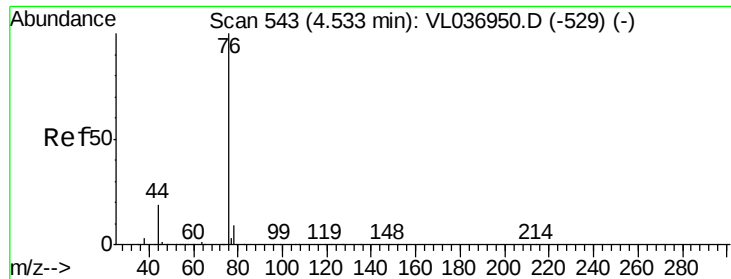
Tot Ion:	43	Resp:	370425
Ion	Ratio	Lower	Upper
43	100		
45	2.1	7.8	11.8#
61	1.4	7.8	11.8#
70	2.0	5.6	8.4#



#26
Hexane
Concen: 2.456 ppbv
RT: 5.67 min Scan# 896
Delta R.T. -0.00 min
Lab File: VL037067.D
Acq: 1 Jun 2021 12:49

Tgt Ion:	57	Resp:	487034
Ion	Ratio	Lower	Upper
57	100		
41	100.3	70.5	105.7
43	79.3	165.8	248.8#
56	56.0	42.2	63.4





#27

Carbon Disulfide

Concen: 0.181 ppbv

RT: 4.54 min Scan# 544

Delta R.T. 0.00 min

Lab File: VL037067.D

Acq: 1 Jun 2021 12:49

Instrument :

MSVOA_L

ClientSampleId :

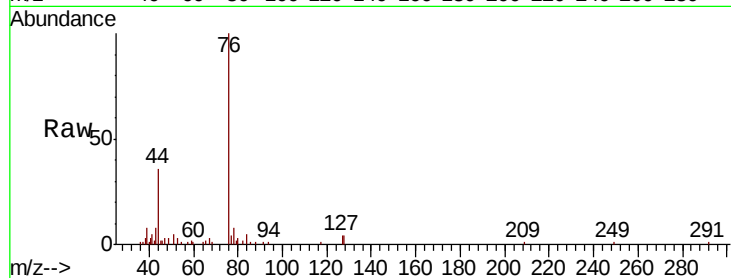
Tot Ion: 76 Resp: 36128

Ion Ratio Lower Upper

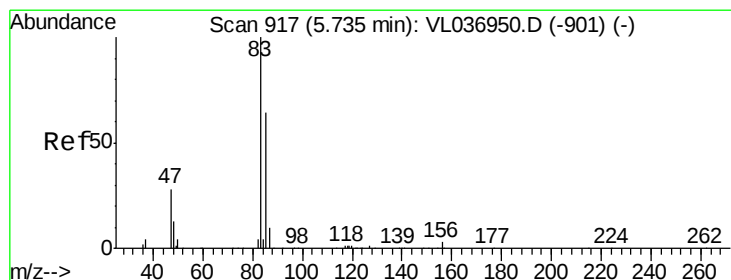
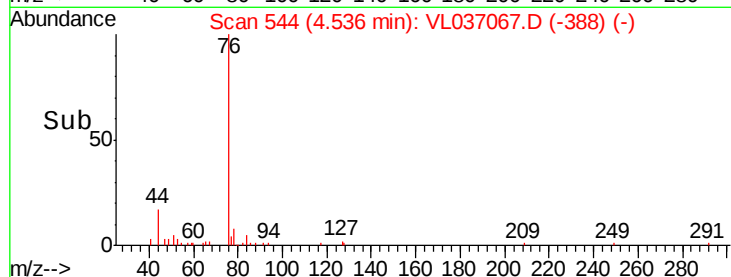
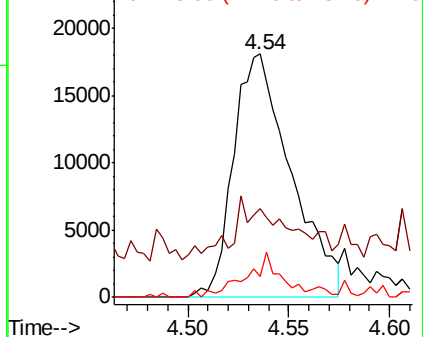
76 100

44 28.5 15.5 23.3#

78 14.3 7.8 11.6#



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: 0.071 ppbv

RT: 5.74 min Scan# 917

Delta R.T. -0.00 min

Lab File: VL037067.D

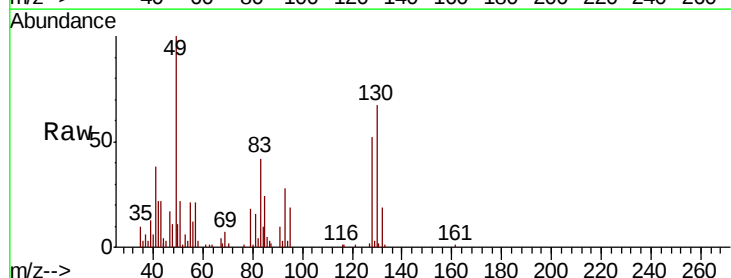
Acq: 1 Jun 2021 12:49

Tgt Ion: 83 Resp: 19892

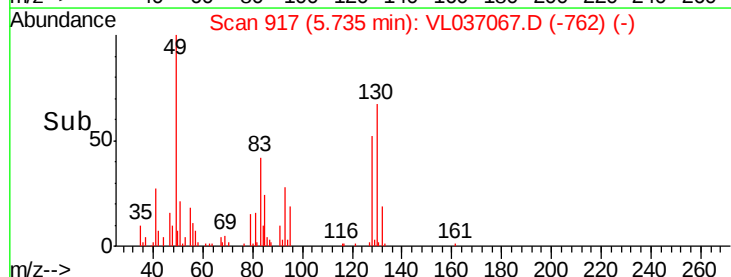
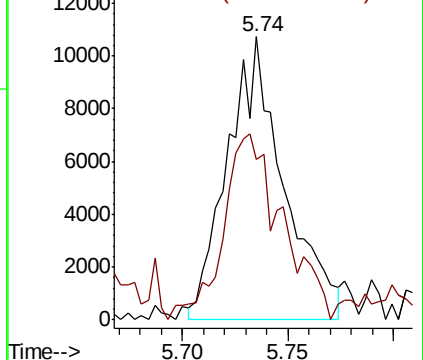
Ion Ratio Lower Upper

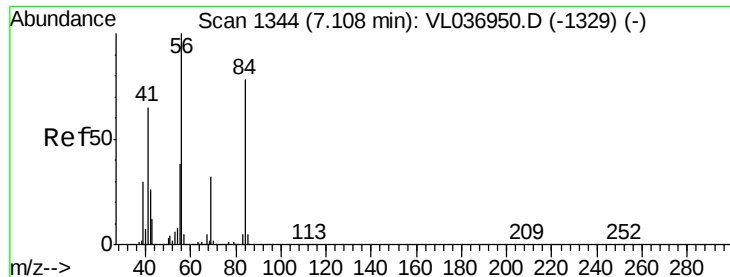
83 100

85 53.5 51.1 76.7



Abundance Ion 83.00 (82.70 to 83.70): VL0
Ion 85.00 (84.70 to 85.70): VL0

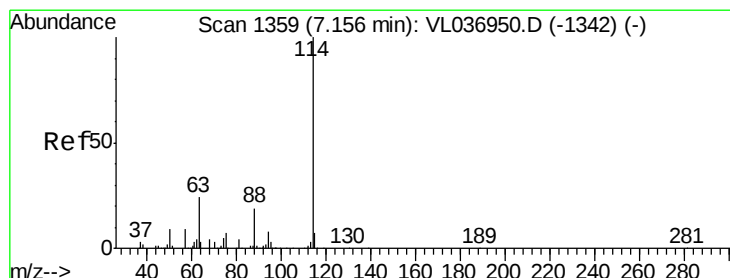
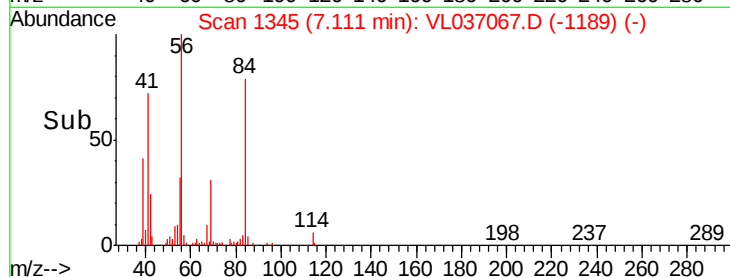
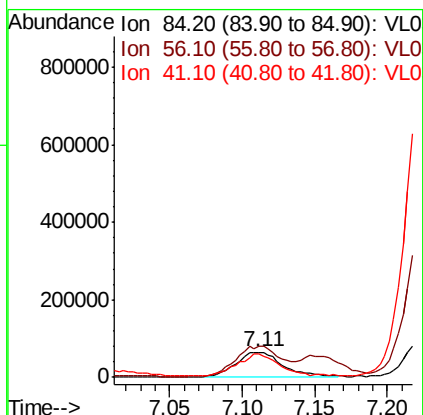
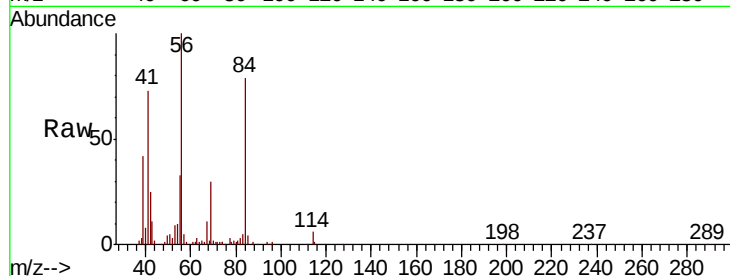




#30
Cyclohexane
Concen: 0.881 ppbv
RT: 7.11 min Scan# 1345
Delta R.T. 0.00 min
Lab File: VL037067.D
Acq: 1 Jun 2021 12:49

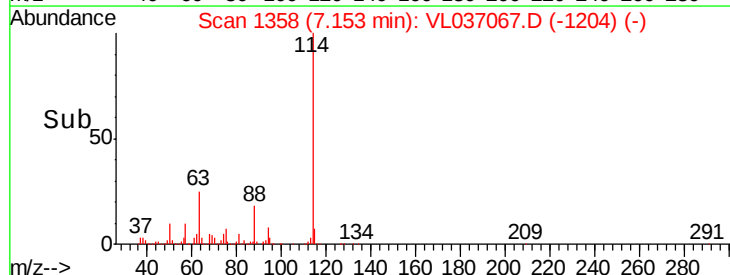
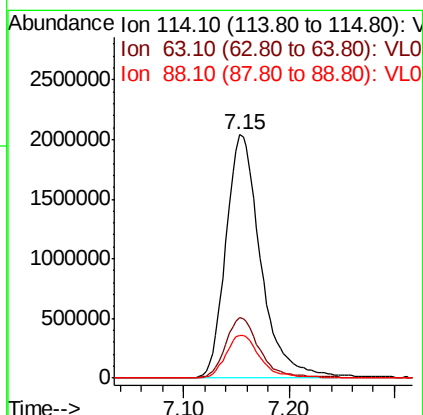
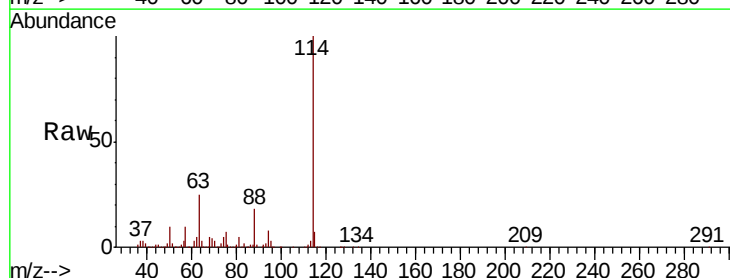
Instrument :
MSVOA_L
ClientSampleId :

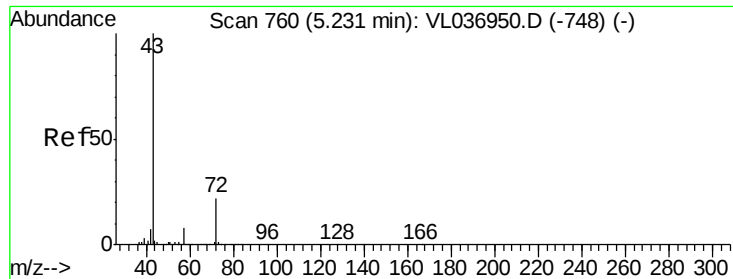
Tot Ion: 84 Resp: 148474
Ion Ratio Lower Upper
84 100
56 119.3 107.9 161.9
41 78.7 65.5 98.3



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.15 min Scan# 1358
Delta R.T. -0.00 min
Lab File: VL037067.D
Acq: 1 Jun 2021 12:49

Tgt Ion: 114 Resp: 4664347
Ion Ratio Lower Upper
114 100
63 24.8 19.6 29.4
88 17.8 14.6 21.8

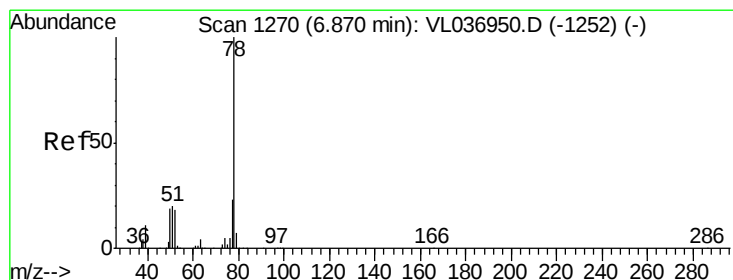
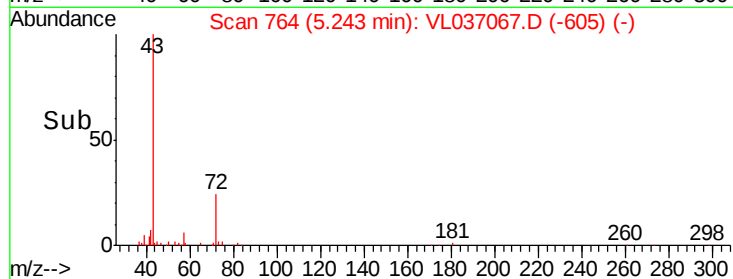
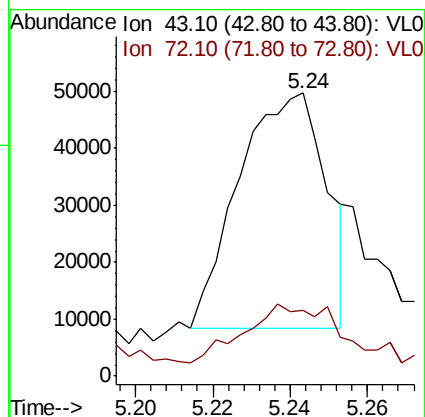
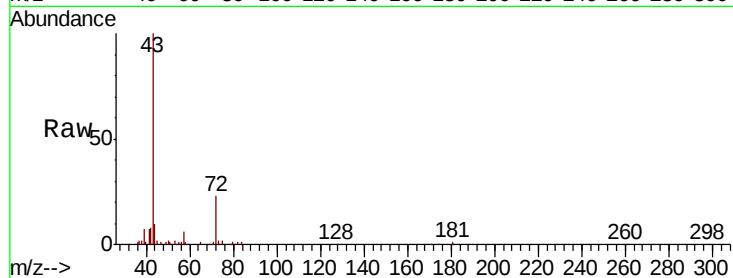




#34
2-Butanone
Concen: 0.382 ppbv
RT: 5.24 min Scan# 764
Delta R.T. 0.01 min
Lab File: VL037067.D
Acq: 1 Jun 2021 12:49

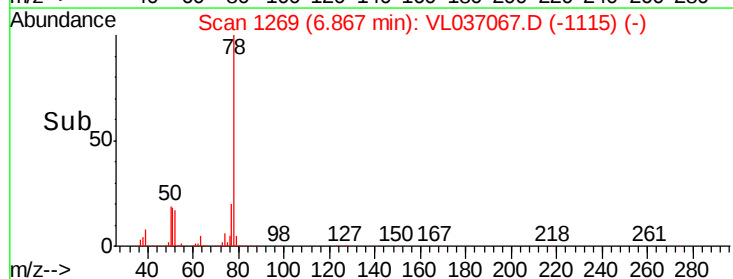
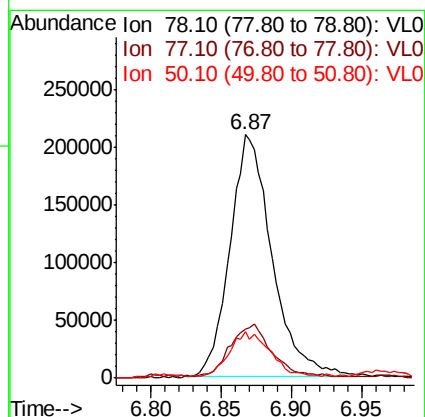
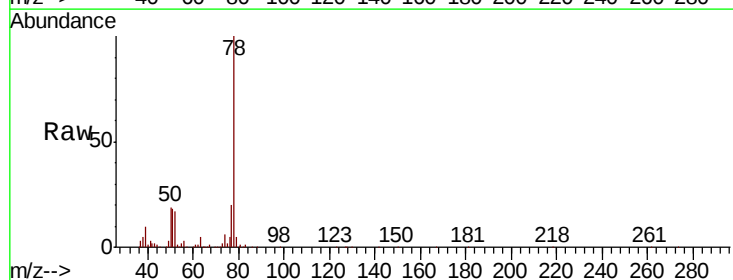
Instrument :
MSVOA_L
ClientSampleId :

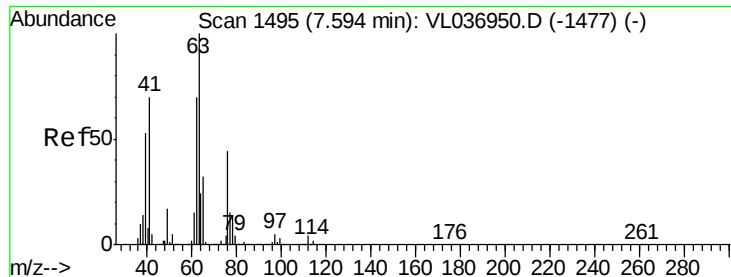
Tot Ion: 43 Resp: 64871
Ion Ratio Lower Upper
43 100
72 47.5 19.0 28.4#



#36
Benzene
Concen: 1.080 ppbv
RT: 6.87 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VL037067.D
Acq: 1 Jun 2021 12:49

Tgt Ion: 78 Resp: 433800
Ion Ratio Lower Upper
78 100
77 19.5 18.6 28.0
50 18.8 15.0 22.4





#39

1,2-Dichloropropane

Concen: 7.241 ppbv

RT: 7.15 min Scan# 1358

Delta R.T. -0.44 min

Lab File: VL037067.D

Acq: 1 Jun 2021 12:49

Instrument :

MSVOA_L

ClientSampleId :

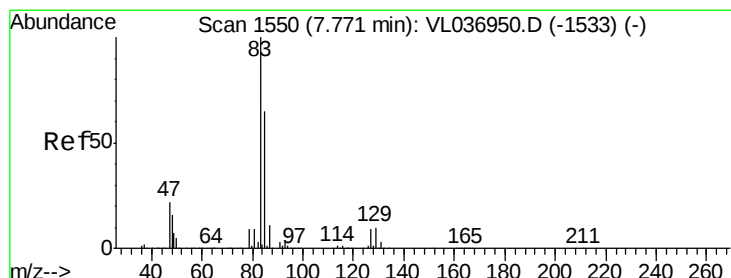
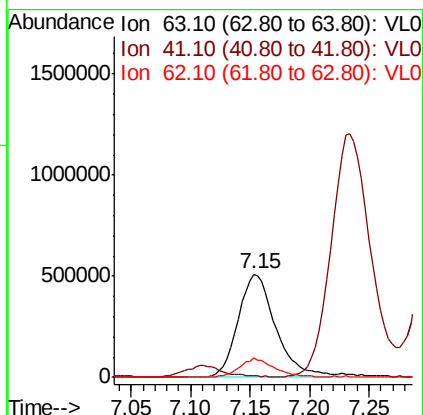
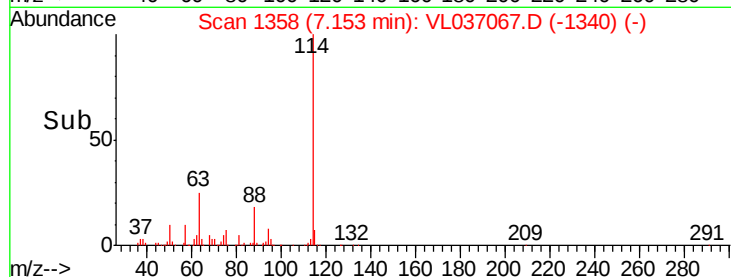
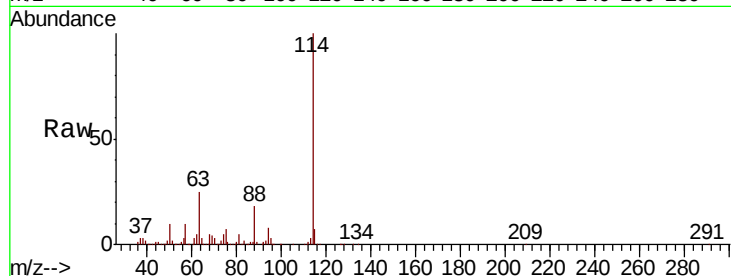
Tot Ion: 63 Resp: 1120610

Ion Ratio Lower Upper

63 100

41 0.0 55.7 83.5#

62 18.5 56.2 84.4#



#42

Bromodichloromethane

Concen: 0.484 ppbv

RT: 7.78 min Scan# 1552

Delta R.T. 0.01 min

Lab File: VL037067.D

Acq: 1 Jun 2021 12:49

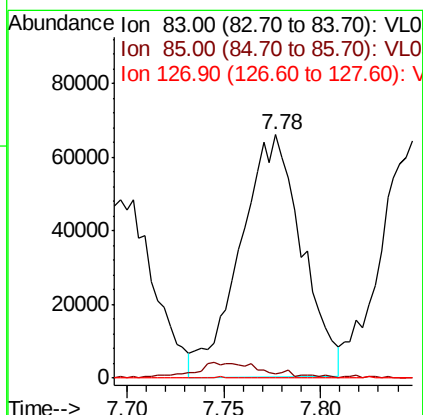
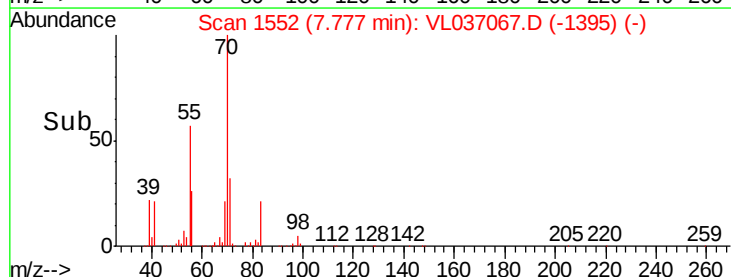
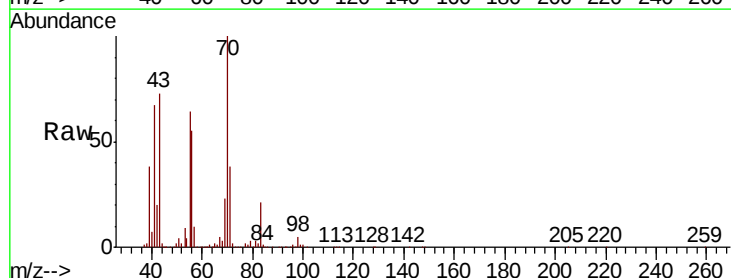
Tgt Ion: 83 Resp: 145874

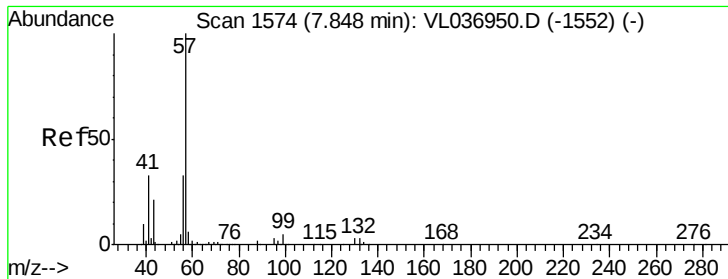
Ion Ratio Lower Upper

83 100

85 1.5 51.7 77.5#

127 0.0 6.9 10.3#

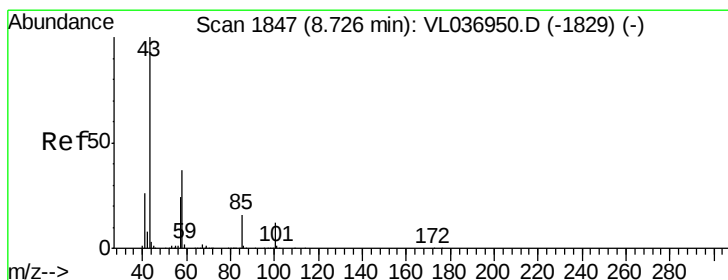
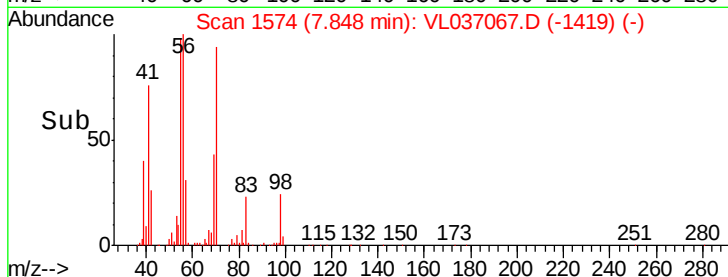
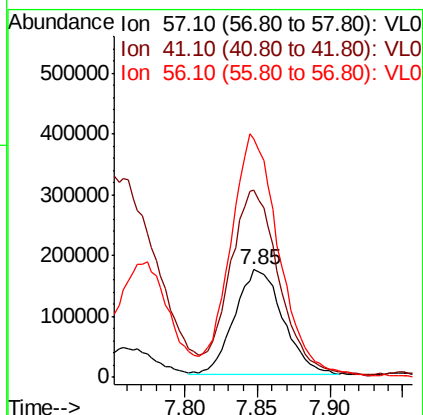
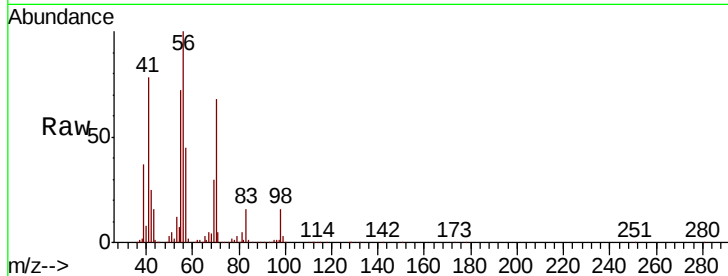




#44
 2,2,4-Trimethylpentane
 Concen: 0.580 ppbv
 RT: 7.85 min Scan# 1574
 Delta R.T. -0.00 min
 Lab File: VL037067.D
 Acq: 1 Jun 2021 12:49

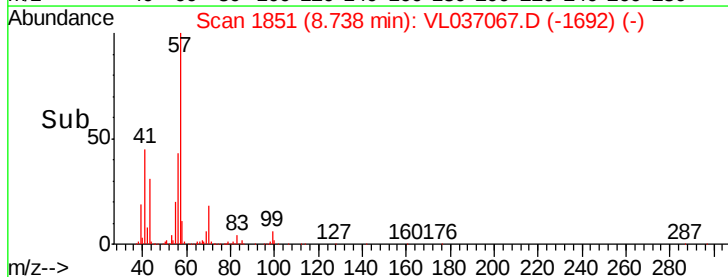
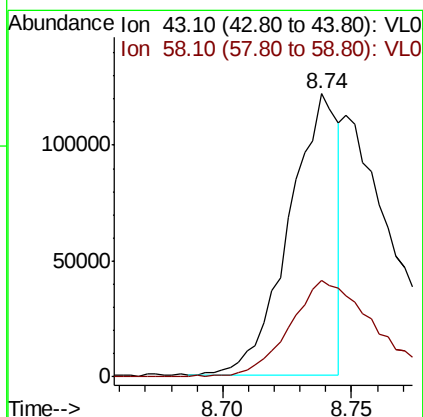
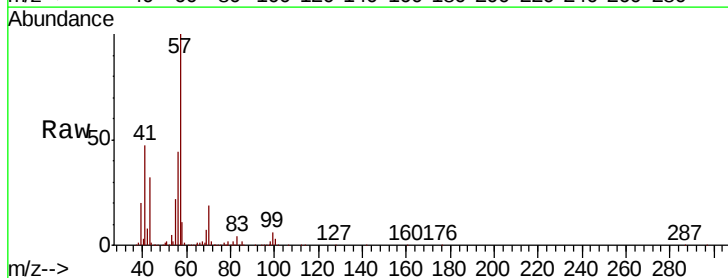
Instrument :
 MSVOA_L
 ClientSampleId :

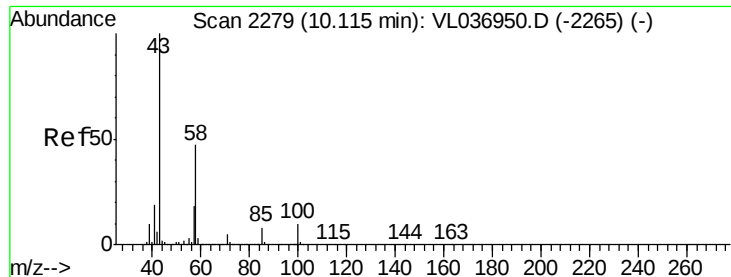
Tot Ion: 57 Resp: 399708
 Ion Ratio Lower Upper
 57 100
 41 176.7 27.0 40.4#
 56 233.6 25.4 38.2#



#50
 4-Methyl-2-Pentanone
 Concen: 0.577 ppbv
 RT: 8.74 min Scan# 1851
 Delta R.T. 0.01 min
 Lab File: VL037067.D
 Acq: 1 Jun 2021 12:49

Tgt Ion: 43 Resp: 161603
 Ion Ratio Lower Upper
 43 100
 58 63.7 29.4 44.2#





#51

2-Hexanone

Concen: 0.044 ppbv

RT: 10.10 min Scan# 2276

Delta R.T. -0.01 min

Lab File: VL037067.D

Acq: 1 Jun 2021 12:49

Instrument :

MSVOA_L

ClientSampleId :

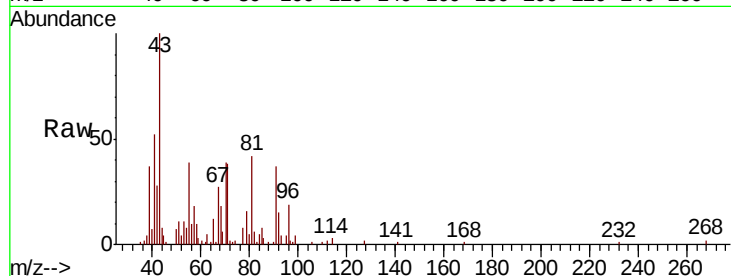
Tot Ion: 43 Resp: 6507

Ion Ratio Lower Upper

43 100

58 0.0 41.1 61.7#

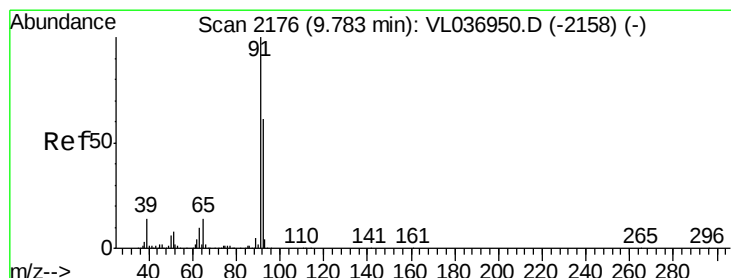
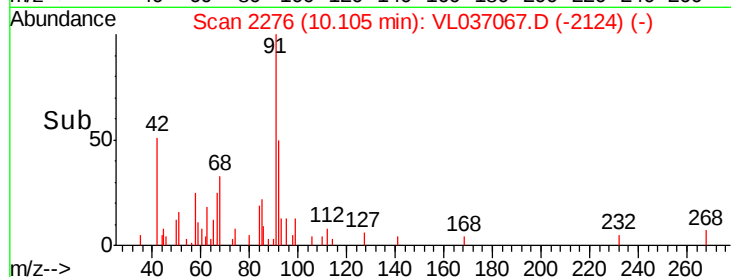
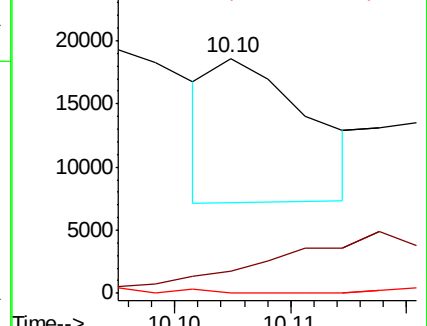
98 0.0 0.1 0.1#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

Ion 98.20 (97.90 to 98.90): VL0



#53

Toluene

Concen: 18.634 ppbv

RT: 9.79 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VL037067.D

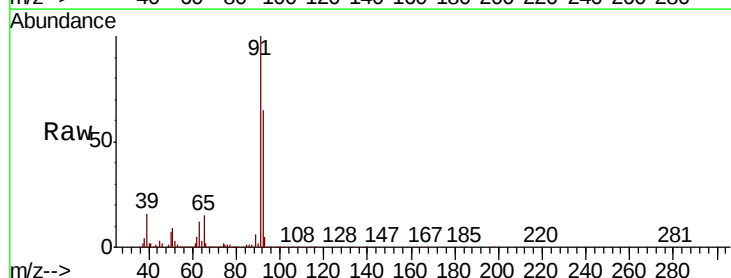
Acq: 1 Jun 2021 12:49

Tgt Ion: 91 Resp: 8907892

Ion Ratio Lower Upper

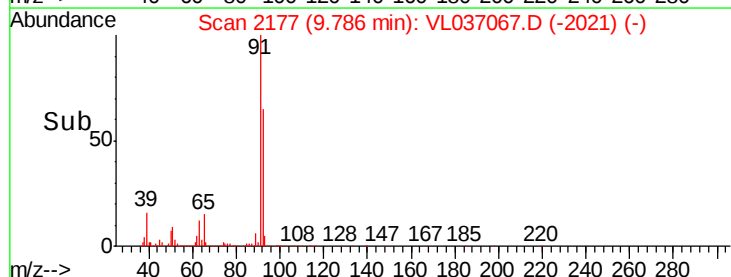
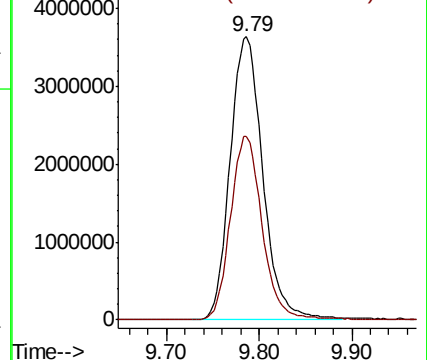
91 100

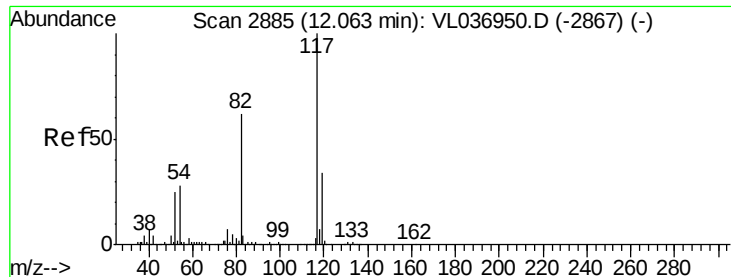
92 63.8 49.5 74.3



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0

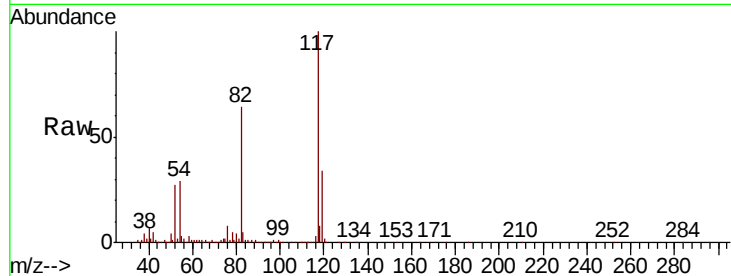




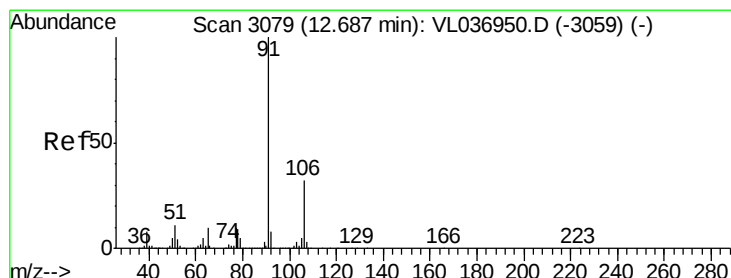
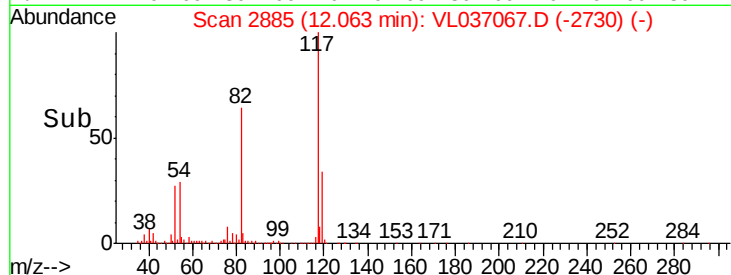
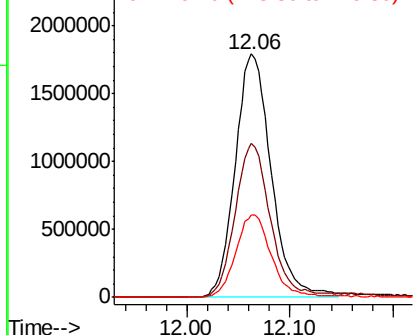
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.06 min Scan# 2885
Delta R.T. -0.00 min
Lab File: VL037067.D
Acq: 1 Jun 2021 12:49

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion:117 Resp: 4367811
Ion Ratio Lower Upper
117 100
82 64.4 52.6 79.0
119 34.3 46.6 70.0#

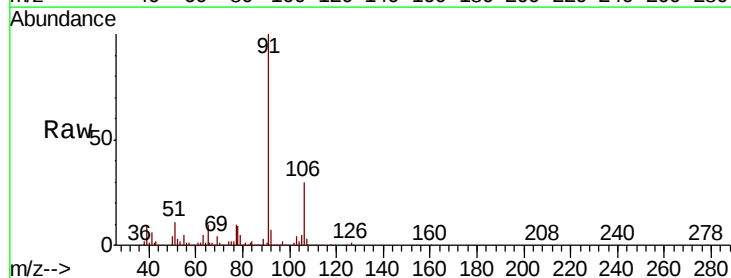


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V

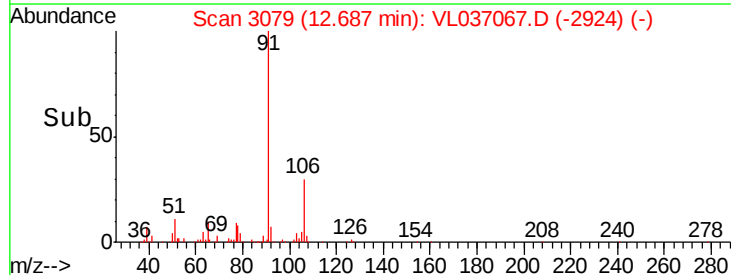
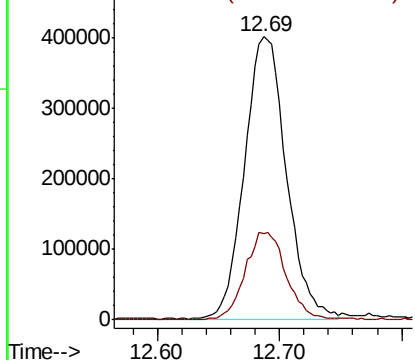


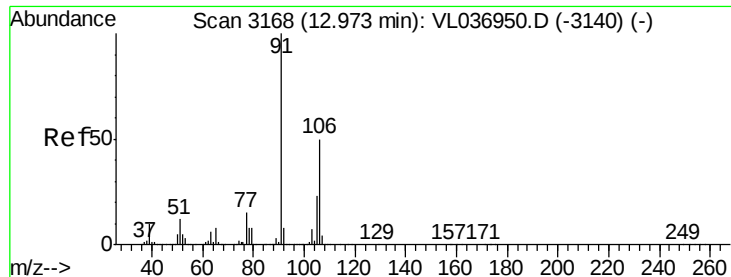
#58
Ethyl Benzene
Concen: 1.535 ppbv
RT: 12.69 min Scan# 3079
Delta R.T. -0.00 min
Lab File: VL037067.D
Acq: 1 Jun 2021 12:49

Tgt Ion: 91 Resp: 946087
Ion Ratio Lower Upper
91 100
106 30.4 25.6 38.4



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

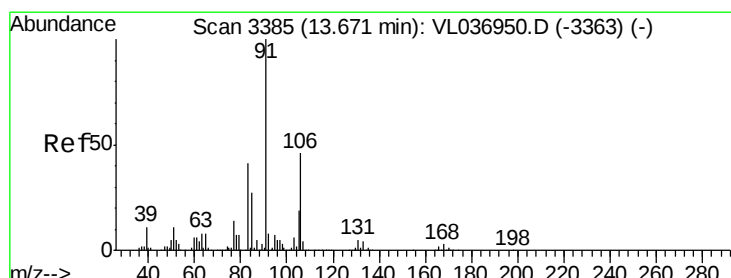
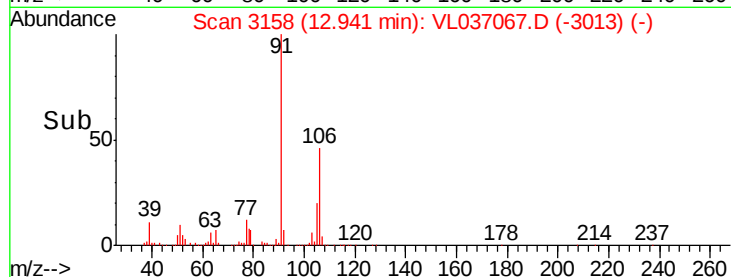
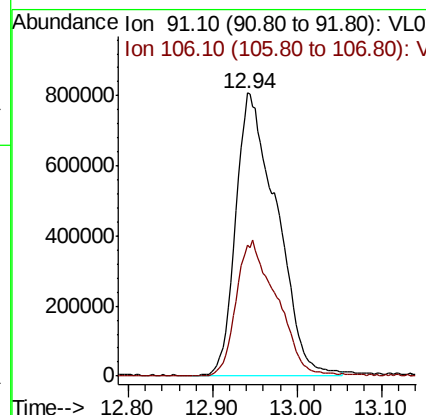
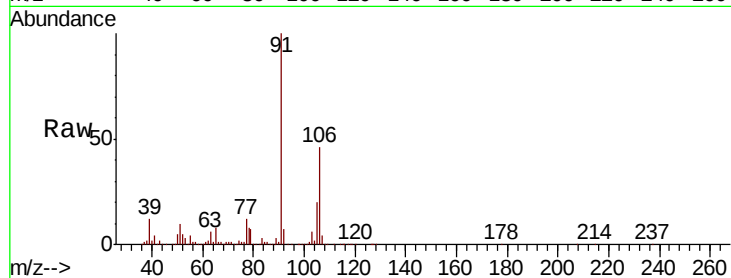




#59
m/p-Xylene
Concen: 5.329 ppbv
RT: 12.94 min Scan# 3158
Delta R.T. -0.03 min
Lab File: VL037067.D
Acq: 1 Jun 2021 12:49

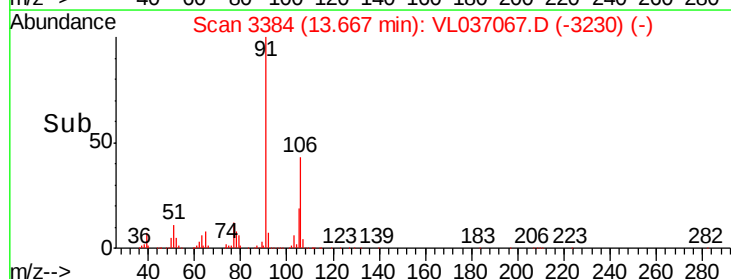
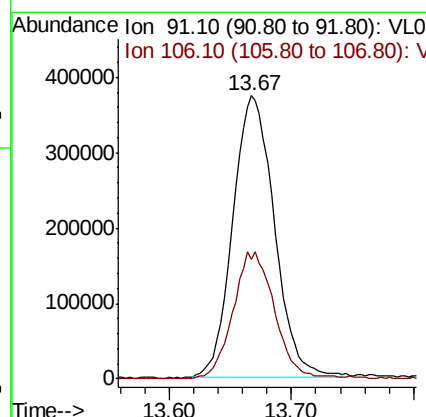
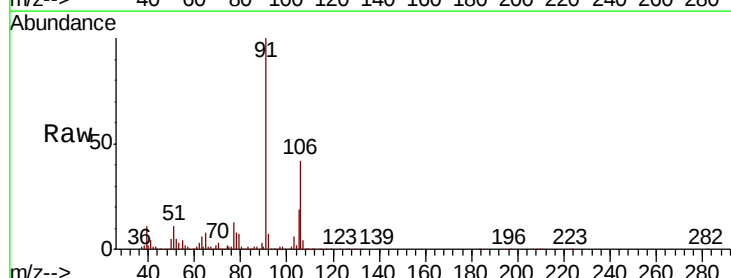
Instrument :
MSVOA_L
ClientSampled :

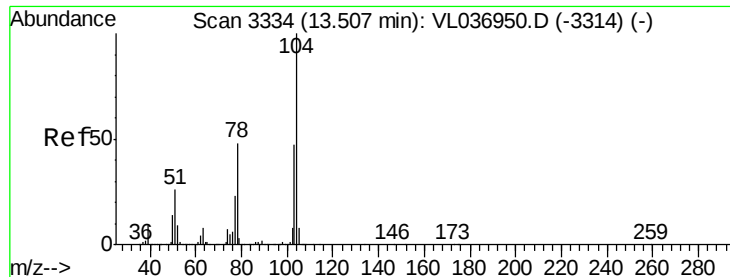
Tot Ion: 91 Resp: 2715673
Ion Ratio Lower Upper
91 100
106 47.7 37.4 56.2



#60
o-Xylene
Concen: 1.817 ppbv
RT: 13.67 min Scan# 3384
Delta R.T. -0.00 min
Lab File: VL037067.D
Acq: 1 Jun 2021 12:49

Tgt Ion: 91 Resp: 882848
Ion Ratio Lower Upper
91 100
106 45.1 23.4 70.3





#61

Stvrene

Concen: 0.201 ppbv

RT: 13.51 min Scan# 3335

Delta R.T. 0.00 min

Lab File: VL037067.D

Acq: 1 Jun 2021 12:49

Instrument :

MSVOA_L

ClientSampleId :

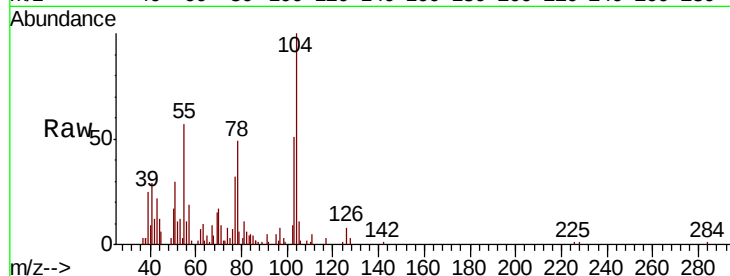
Tot Ion:104 Resp: 54992

Ion Ratio Lower Upper

104 100

78 58.8 39.0 58.6#

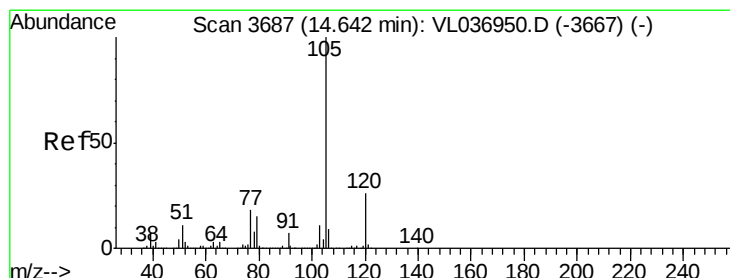
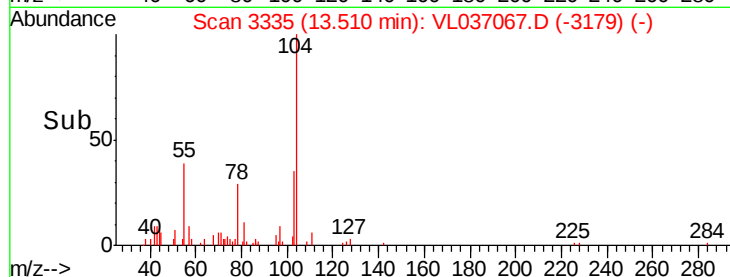
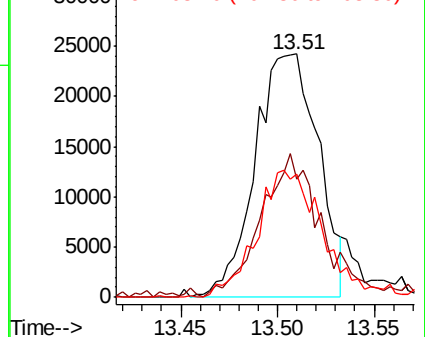
103 54.9 38.0 57.0



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



#62

Isopropylbenzene

Concen: 1.135 ppbv

RT: 14.64 min Scan# 3688

Delta R.T. 0.00 min

Lab File: VL037067.D

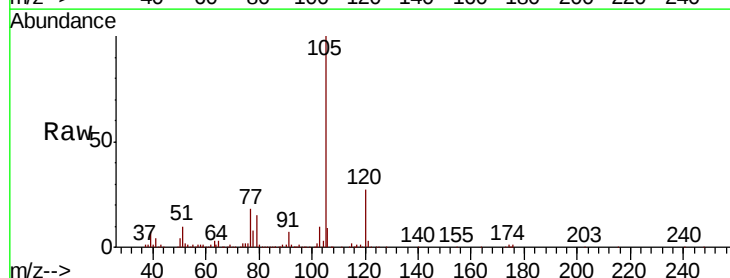
Acq: 1 Jun 2021 12:49

Tgt Ion:105 Resp: 792944

Ion Ratio Lower Upper

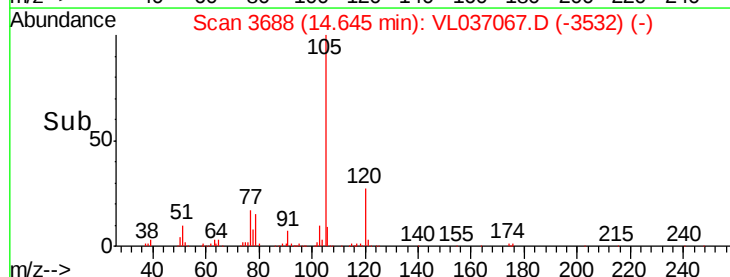
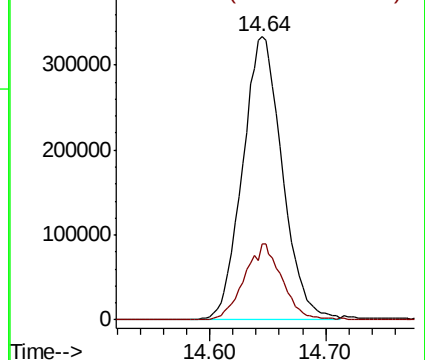
105 100

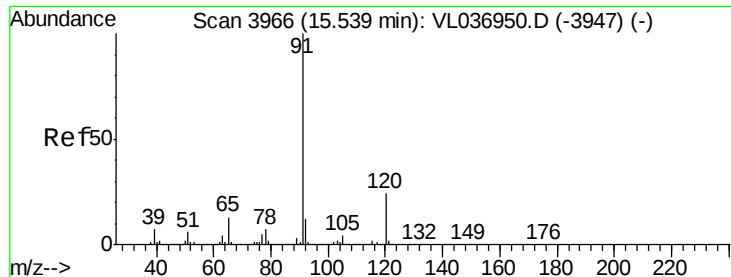
120 25.4 21.7 32.5



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

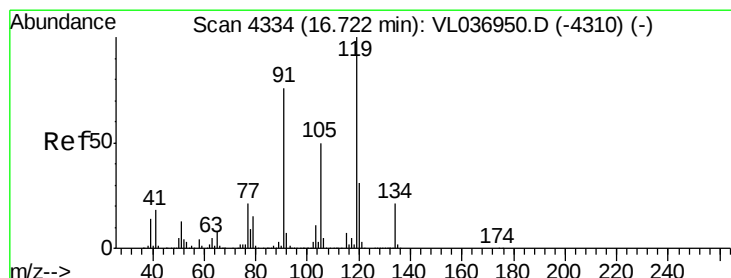
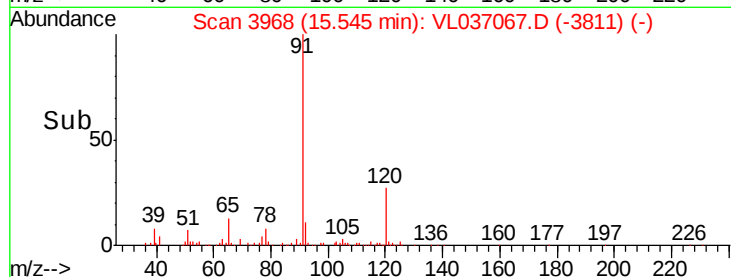
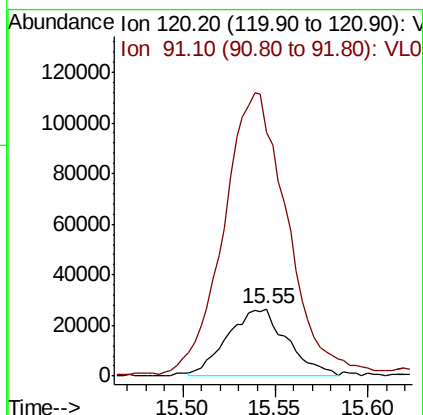
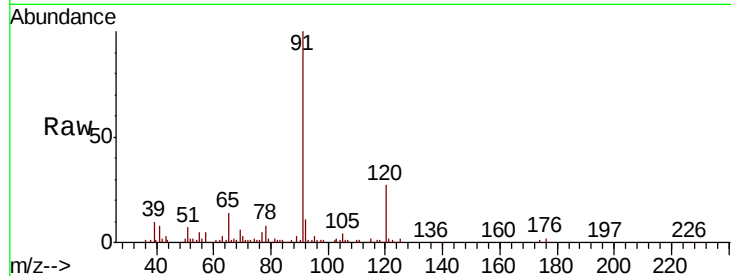




#64
n-propylbenzene
Concen: 0.330 ppbv
RT: 15.55 min Scan# 3968
Delta R.T. 0.01 min
Lab File: VL037067.D
Acq: 1 Jun 2021 12:49

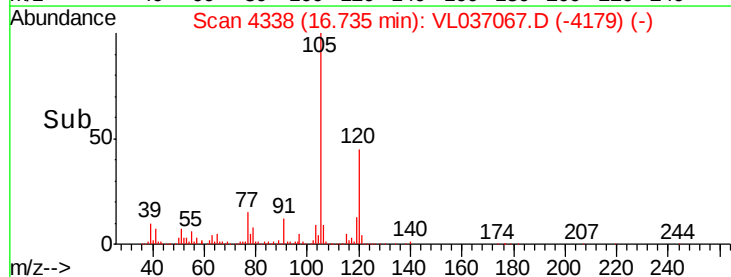
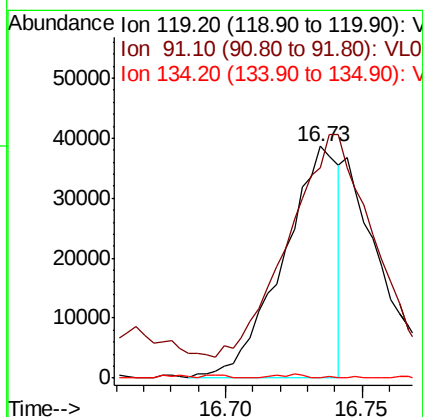
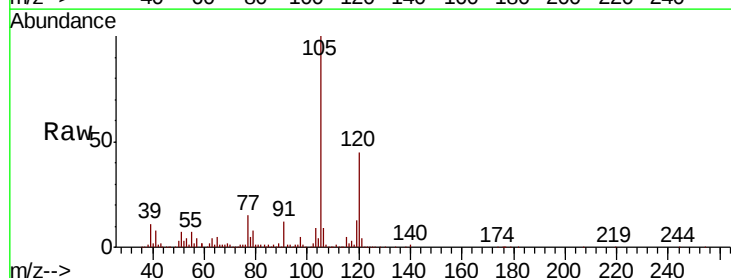
Instrument :
MSVOA_L
ClientSampleId :

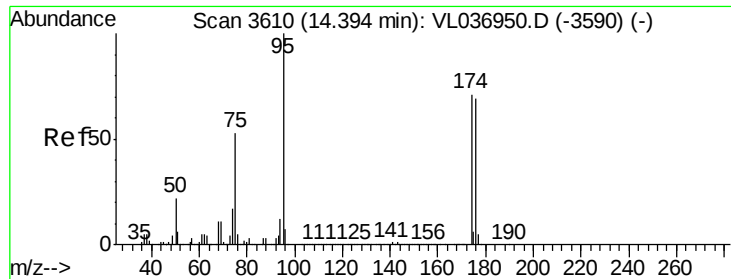
Tot Ion:120 Resp: 59444
Ion Ratio Lower Upper
120 100
91 455.8 343.8 515.6



#65
tert-Butylbenzene
Concen: 0.086 ppbv
RT: 16.73 min Scan# 4338
Delta R.T. 0.01 min
Lab File: VL037067.D
Acq: 1 Jun 2021 12:49

Tgt Ion:119 Resp: 53955
Ion Ratio Lower Upper
119 100
91 0.0 61.9 92.9#
134 1.0 16.2 24.4#

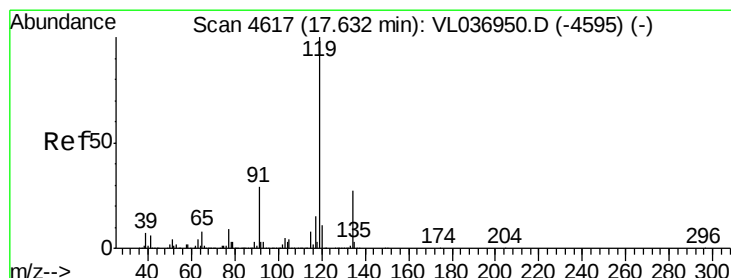
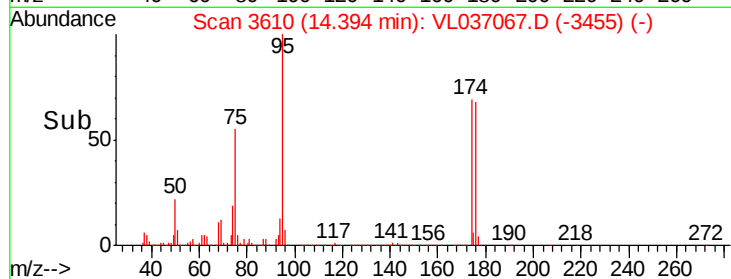
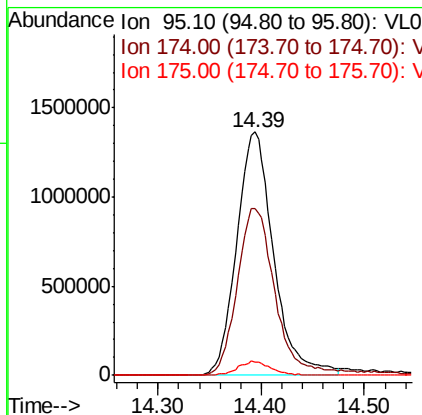
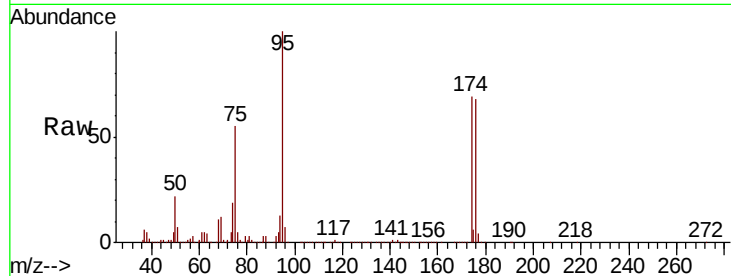




#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.376 ppbv
 RT: 14.39 min Scan# 3610
 Delta R.T. -0.00 min
 Lab File: VL037067.D
 Acq: 1 Jun 2021 12:49

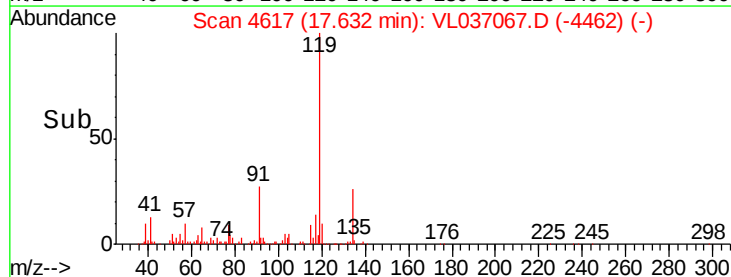
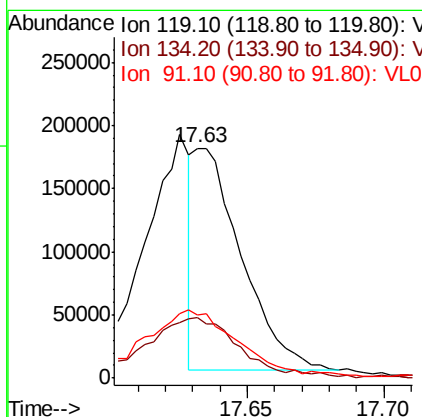
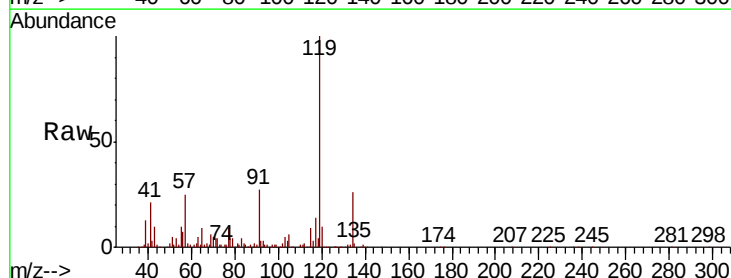
Instrument :
 MSVOA_L
 ClientSampleId :

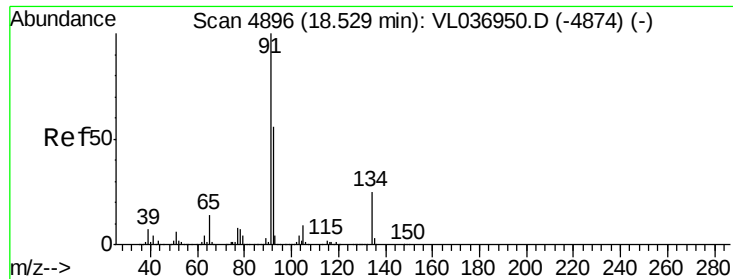
Tot Ion: 95 Resp: 3404471
 Ion Ratio Lower Upper
 95 100
 174 73.2 58.4 87.6
 175 5.4 4.4 6.6



#69
 p-Isopropyltoluene
 Concen: 0.282 ppbv
 RT: 17.63 min Scan# 4617
 Delta R.T. -0.00 min
 Lab File: VL037067.D
 Acq: 1 Jun 2021 12:49

Tgt Ion: 119 Resp: 208801
 Ion Ratio Lower Upper
 119 100
 134 56.1 21.2 31.8#
 91 71.3 22.2 33.4#

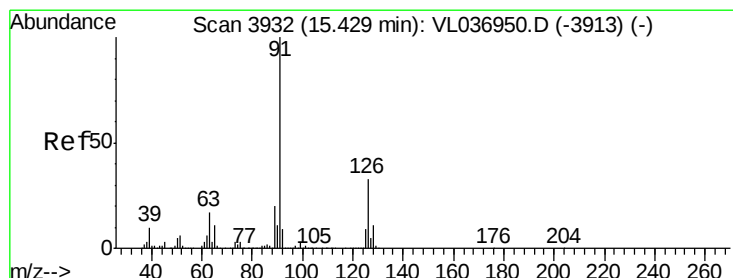
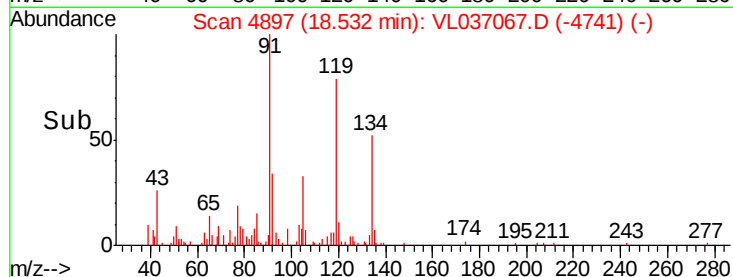
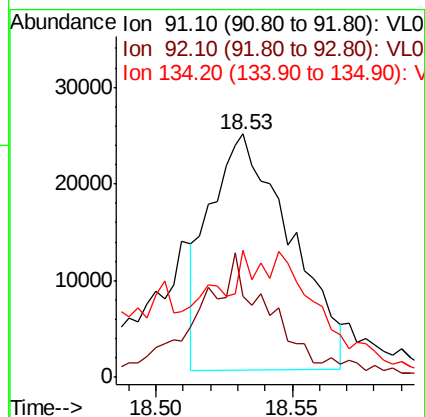
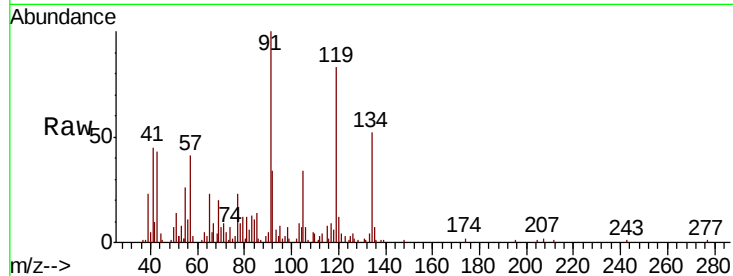




#70
n-Butylbenzene
Concen: 0.071 ppbv
RT: 18.53 min Scan# 4897
Delta R.T. 0.00 min
Lab File: VL037067.D
Acq: 1 Jun 2021 12:49

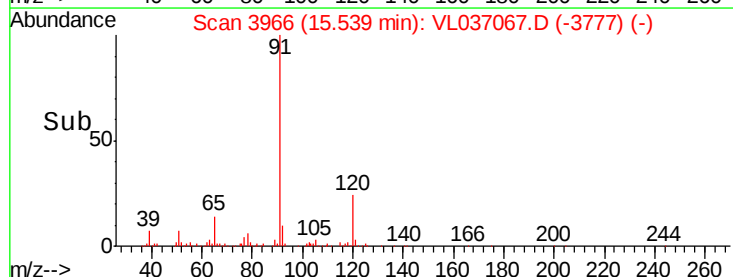
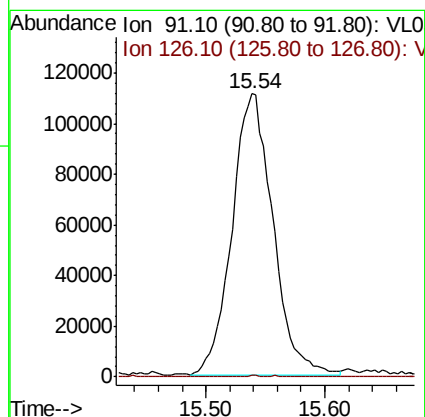
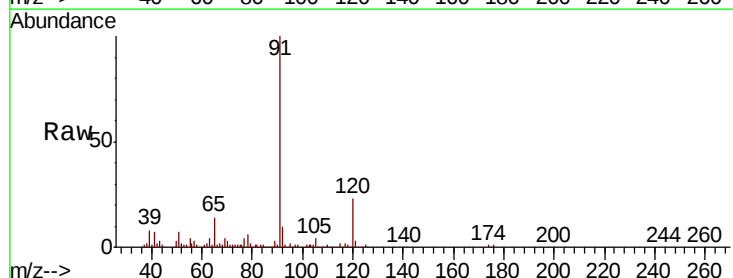
Instrument :
MSVOA_L
ClientSampleId :

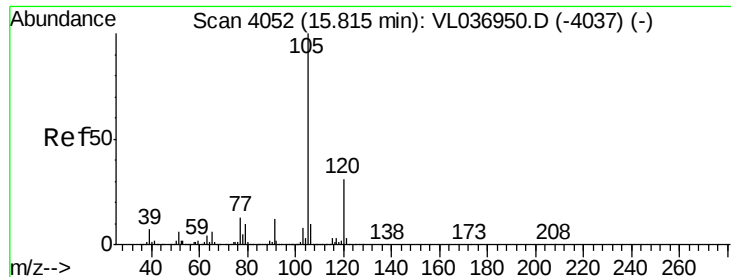
Tot Ion: 91 Resp: 50071
Ion Ratio Lower Upper
91 100
92 54.1 44.6 66.8
134 107.4 20.2 30.2#



#71
2-Chlorotoluene
Concen: 0.525 ppbv
RT: 15.54 min Scan# 3966
Delta R.T. 0.11 min
Lab File: VL037067.D
Acq: 1 Jun 2021 12:49

Tgt Ion: 91 Resp: 264846
Ion Ratio Lower Upper
91 100
126 0.1 13.1 52.5#





#72

4-Ethyltoluene

Concen: 0.569 ppbv

RT: 15.82 min Scan# 4053

Delta R.T. 0.00 min

Lab File: VL037067.D

Acq: 1 Jun 2021 12:49

Instrument :

MSVOA_L

ClientSampleId :

Tot Ion:105 Resp: 328373

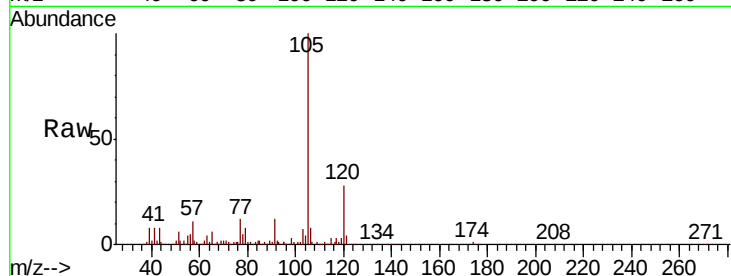
Ion Ratio Lower Upper

105 100

120 31.3 24.6 37.0

91 13.7 9.8 14.6

77 14.3 10.4 15.6

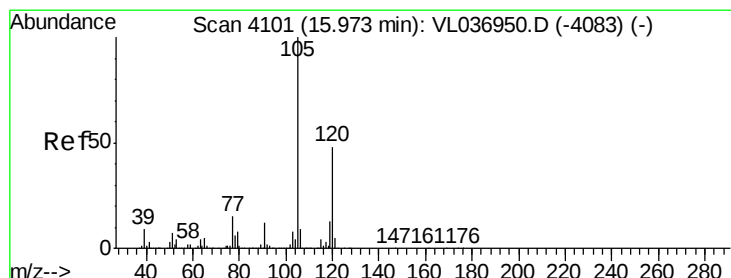
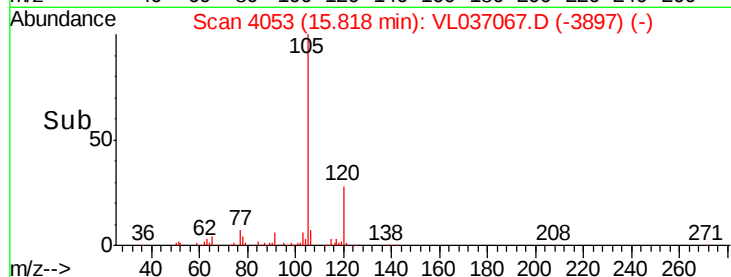
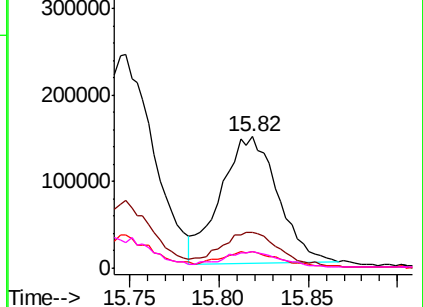


Abundance Ion 105.10 (104.80 to 105.80): V

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: 0.371 ppbv

RT: 15.98 min Scan# 4102

Delta R.T. 0.00 min

Lab File: VL037067.D

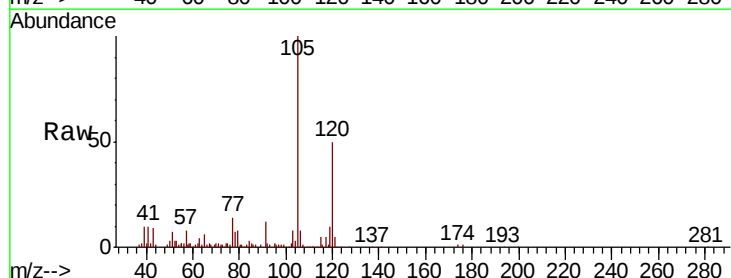
Acq: 1 Jun 2021 12:49

Tgt Ion:105 Resp: 201194

Ion Ratio Lower Upper

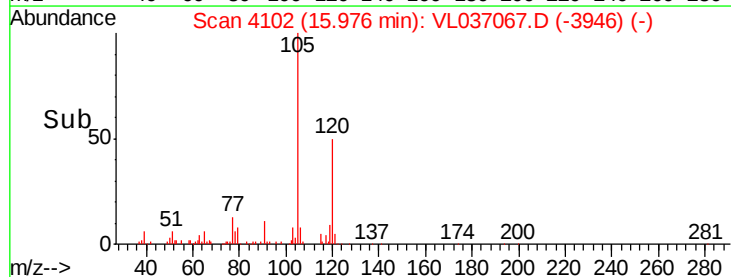
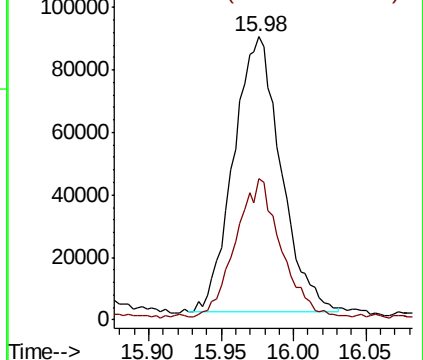
105 100

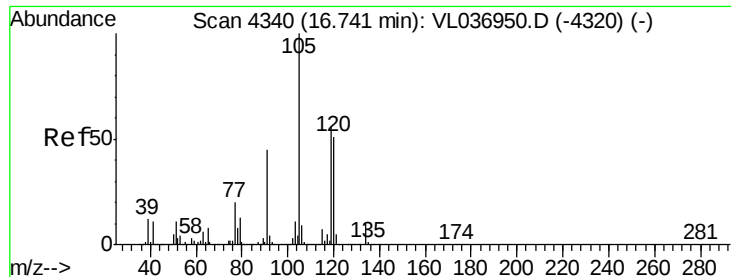
120 50.1 38.6 58.0



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: 1.392 ppbv

RT: 16.74 min Scan# 4340

Delta R.T. -0.00 min

Lab File: VL037067.D

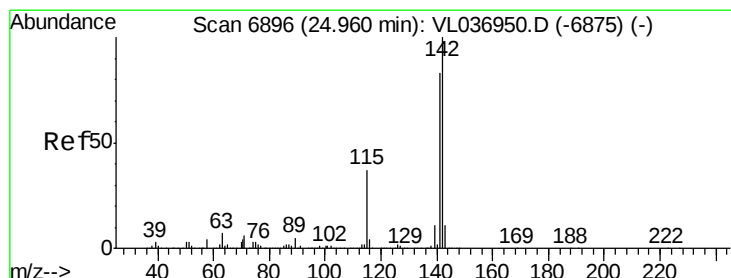
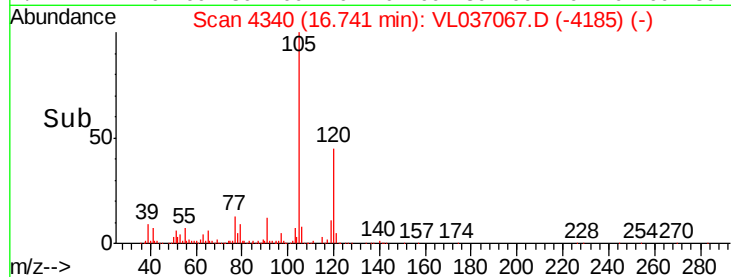
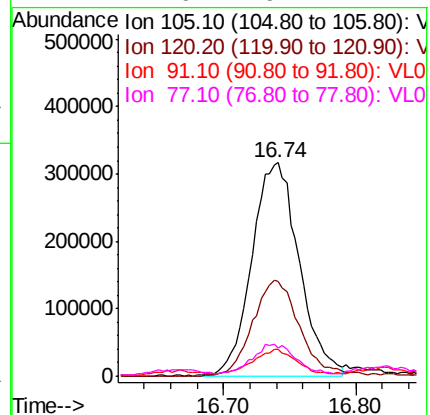
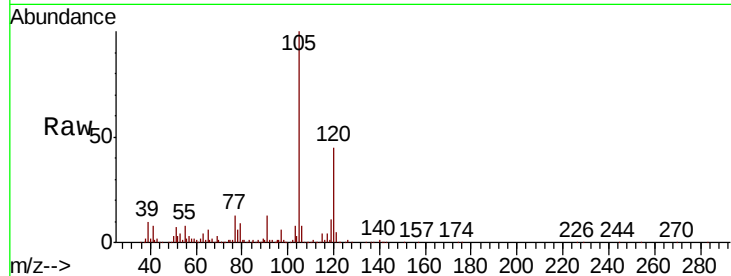
Acq: 1 Jun 2021 12:49

Instrument :

MSVOA_L

ClientSampled :

Tot Ion:	105	Resp:	779473
Ion	Ratio	Lower	Upper
105	100		
120	44.6	40.6	61.0
91	11.6	37.4	56.0#
77	11.9	16.2	24.4#



#80

Naphthalene, 2-methyl-

Concen: 0.098 ppbv

RT: 24.95 min Scan# 6894

Delta R.T. -0.01 min

Lab File: VL037067.D

Acq: 1 Jun 2021 12:49

Tgt Ion:	142	Resp:	9388
Ion	Ratio	Lower	Upper
142	100		
141	0.0	69.3	103.9#
115	36.8	29.1	43.7

