

Data File : VL036009.D
Acq On : 25 Nov 2020 00:58
Operator : SY/AP
Sample : L4883-01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
IA1

Quant Time: Nov 25 01:50:11 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 04 02:40:06 2020
QLast Update : Wed Nov 04 02:40:06 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	1138148	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.15	114	4003100	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.06	117	3732603	10.00	ppbv	-0.04

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.39	95	2972963	11.21	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	112.10%

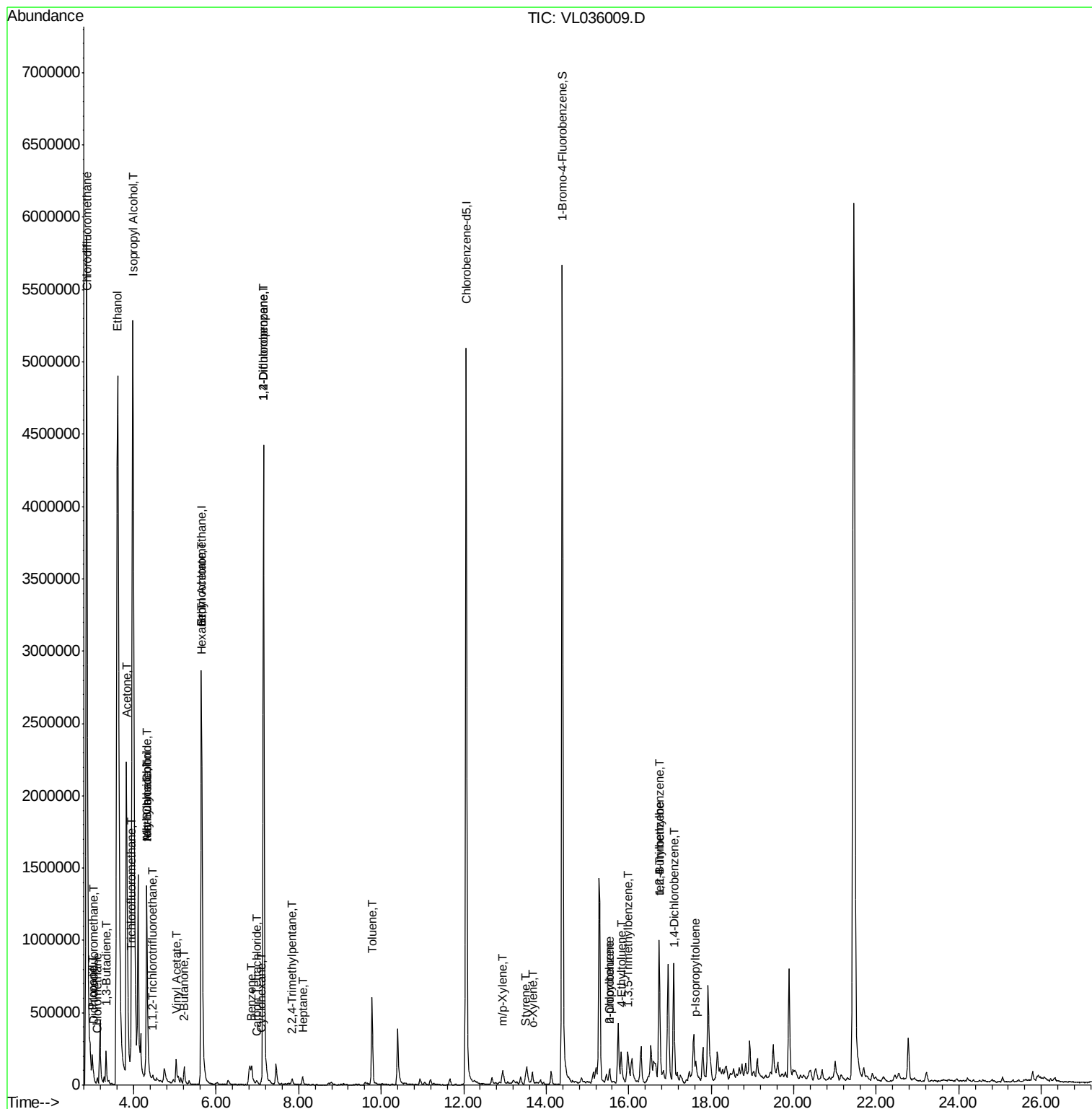
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.02	85	49577	0.231	ppbv	95
3) Chlorodifluoromethane	2.86	51	3289797	24.137	ppbv #	56
4) Chloromethane	3.12	50	39472	0.596	ppbv	95
9) Propene	3.00	41	48325	0.969	ppbv	87
10) Heptane	8.09	43	6709	0.049	ppbv #	1
11) Trichlorofluoromethane	3.93	101	74913	0.278	ppbv	97
12) 1,1,2-Trichlorotrifluoroet	4.47	101	6613	0.033	ppbv #	3
13) Ethanol	3.61	45	10850297	1002.564	ppbv	100
15) Acetone	3.82	43	2912353	23.935	ppbv	97
16) 1,3-Butadiene	3.33	39	35059	0.669	ppbv #	12
17) tert-Butyl alcohol	4.31	59	148296	0.920	ppbv #	94
19) Isopropyl Alcohol	3.98	45	10626262	142.109	ppbv #	96
20) Methylene Chloride	4.32	84	677849	7.913	ppbv	98
21) Allyl Chloride	4.32	41	11806	0.179	ppbv #	41
23) Vinyl Acetate	5.04	43	34653	0.203	ppbv #	1
25) Ethyl Acetate	5.65	43	297570	1.241	ppbv #	90
26) Hexane	5.66	57	259840	1.966	ppbv #	67
30) Cyclohexane	7.10	84	5825	0.040	ppbv #	1
34) 2-Butanone	5.22	43	147836	1.138	ppbv	96
35) Carbon Tetrachloride	6.99	117	7654	0.036	ppbv	94
36) Benzene	6.86	78	78064	0.262	ppbv	94
39) 1,2-Dichloropropane	7.15	63	827788	8.262	ppbv #	30
44) 2,2,4-Trimethylpentane	7.84	57	12848	0.033	ppbv #	1
53) Toluene	9.78	91	516864	1.439	ppbv	97
59) m/p-Xylene	12.94	91	100367	0.261	ppbv	100
60) o-Xylene	13.67	91	57700	0.154	ppbv	97
61) Styrene	13.50	104	19878	0.073	ppbv #	9
64) n-propylbenzene	15.53	120	8290	0.049	ppbv #	1
65) tert-Butylbenzene	16.73	119	44201	0.083	ppbv #	20
69) p-Isopropyltoluene	17.63	119	79018	0.133	ppbv	97
71) 2-Chlorotoluene	15.54	91	86486	0.201	ppbv #	40
72) 4-Ethyltoluene	15.81	105	148748	0.328	ppbv #	95
73) 1,3,5-Trimethylbenzene	15.97	105	146283	0.352	ppbv	88
74) 1,2,4-Trimethylbenzene	16.73	105	707301	1.590	ppbv #	68
76) 1,4-Dichlorobenzene	17.11	146	15594	0.057	ppbv #	33

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

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QLast Update : Wed Nov 04 02:40:06 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.64 min Scan# 887

Delta R.T. -0.03 min

Lab File: VL036009.D

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ClientSampleId :

IA1

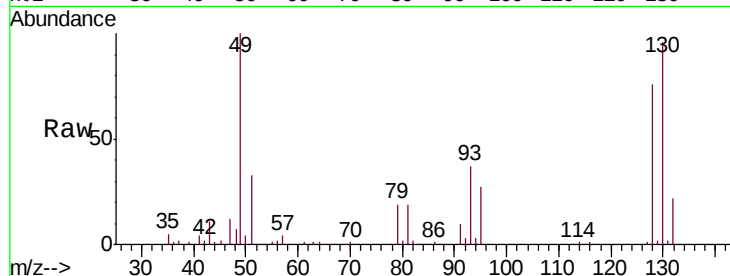
Tgt Ion: 49 Resp: 1138148

Ion Ratio Lower Upper

49 100

128 76.6 41.5 124.6

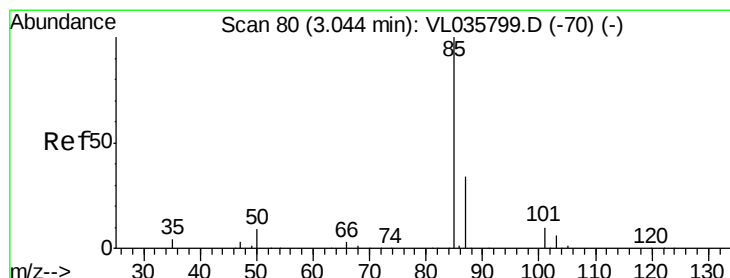
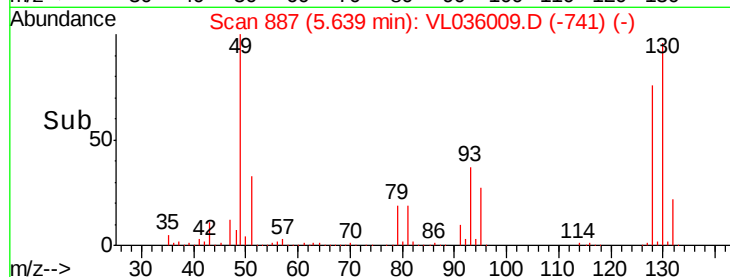
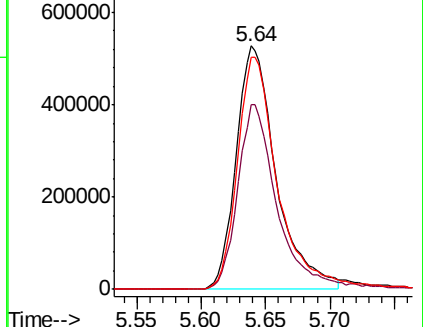
130 98.2 53.7 161.1



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: 0.231 ppbv

RT: 3.02 min Scan# 74

Delta R.T. -0.02 min

Lab File: VL036009.D

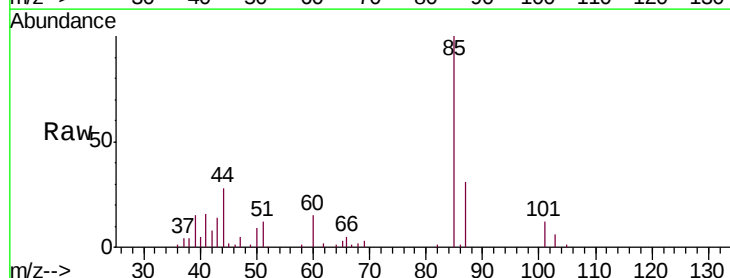
Acq: 25 Nov 2020 00:58

Tgt Ion: 85 Resp: 49577

Ion Ratio Lower Upper

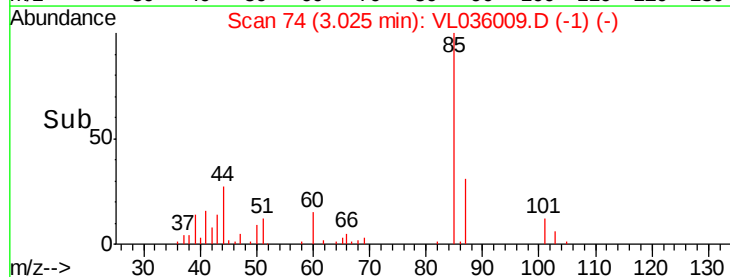
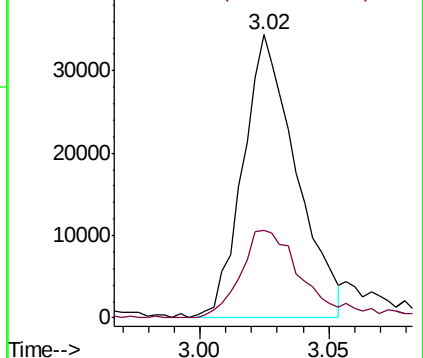
85 100

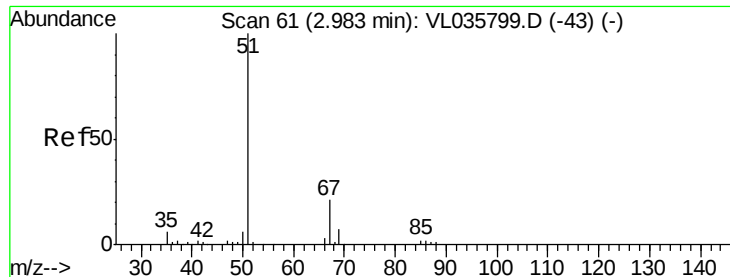
87 31.1 27.1 40.7



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 24.137 ppbv

RT: 2.86 min Scan# 24

Delta R.T. -0.12 min

Lab File: VL036009.D

Acq: 25 Nov 2020 00:58

Instrument :

MSVOA_L

ClientSampled :

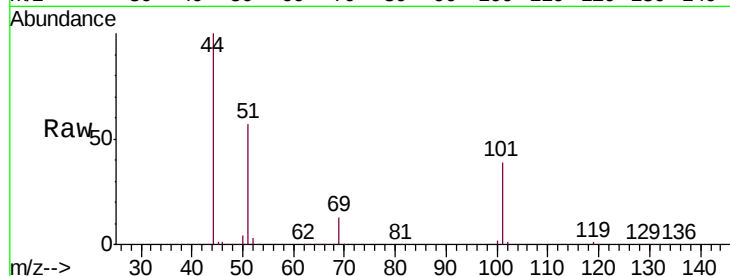
IA1

Tgt Ion: 51 Resp: 3289797

Ion Ratio Lower Upper

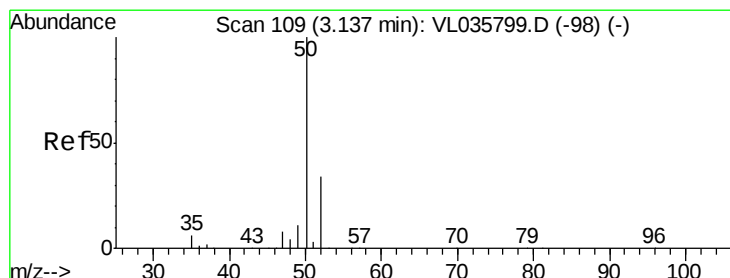
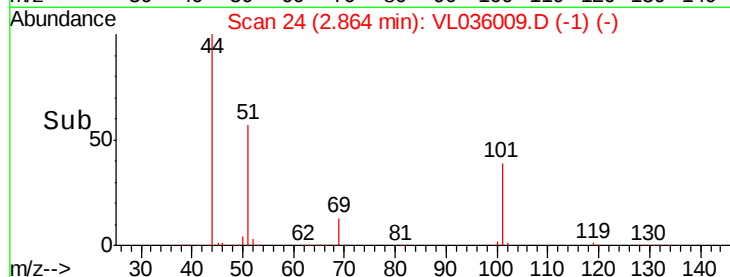
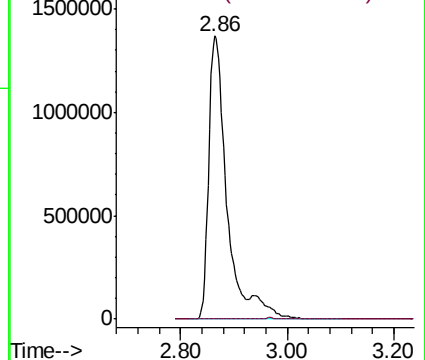
51 100

67 0.3 17.0 25.4#



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 0.596 ppbv

RT: 3.12 min Scan# 103

Delta R.T. -0.02 min

Lab File: VL036009.D

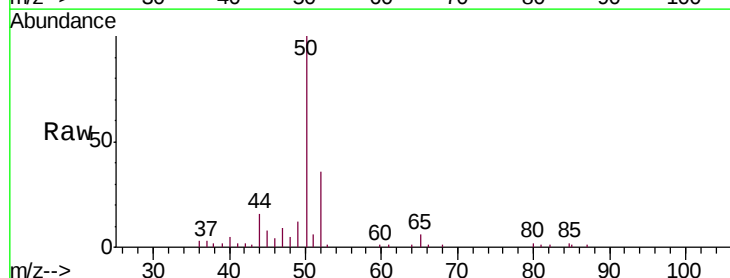
Acq: 25 Nov 2020 00:58

Tgt Ion: 50 Resp: 39472

Ion Ratio Lower Upper

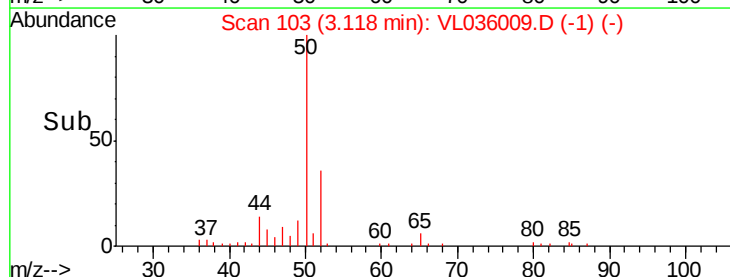
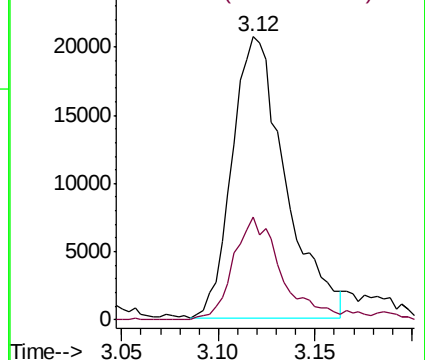
50 100

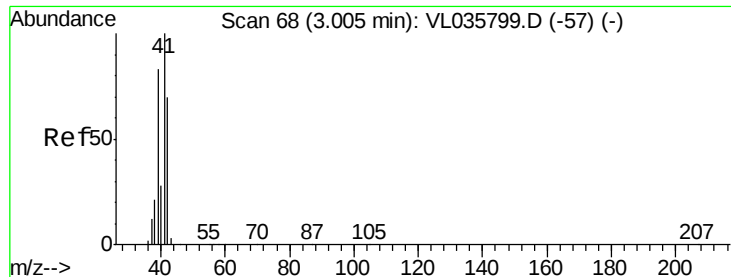
52 36.6 27.1 40.7



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#9

Propene

Concen: 0.969 ppbv

RT: 3.00 min Scan# 67

Delta R.T. -0.00 min

Lab File: VL036009.D

Acq: 25 Nov 2020 00:58

Instrument :

MSVOA_L

ClientSampleId :

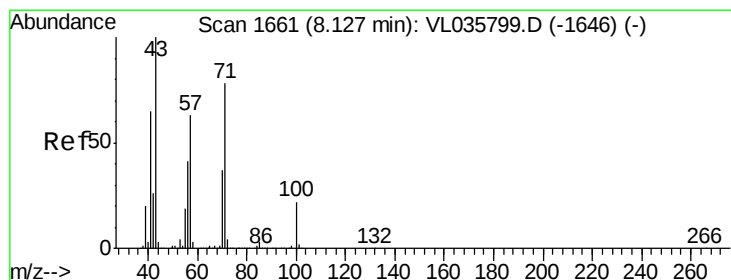
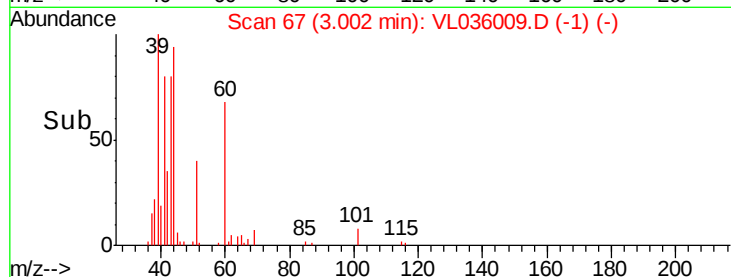
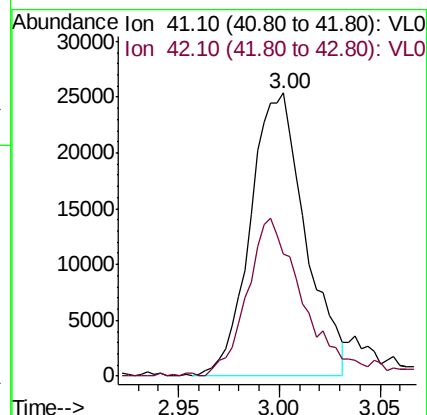
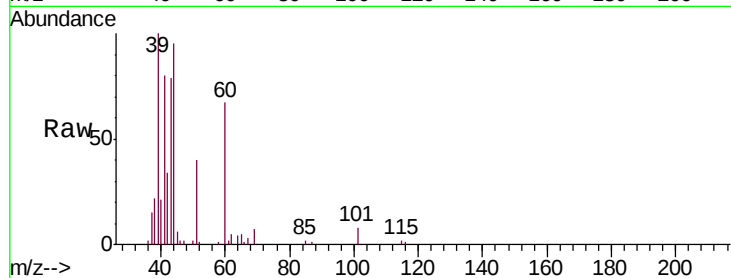
IA1

Tgt Ion: 41 Resp: 48325

Ion Ratio Lower Upper

41 100

42 59.8 56.2 84.4



#10

Heptane

Concen: 0.049 ppbv

RT: 8.09 min Scan# 1648

Delta R.T. -0.04 min

Lab File: VL036009.D

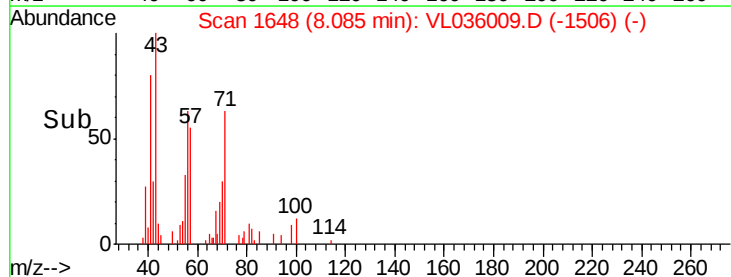
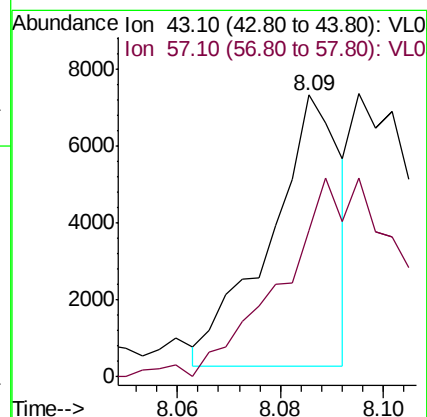
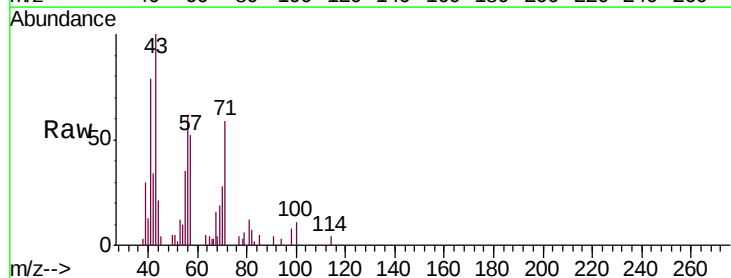
Acq: 25 Nov 2020 00:58

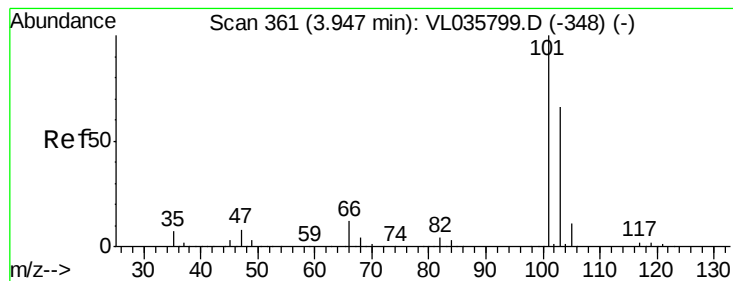
Tgt Ion: 43 Resp: 6709

Ion Ratio Lower Upper

43 100

57 153.8 50.0 75.0#





#11

Trichlorofluoromethane

Concen: 0.278 ppbv

RT: 3.93 min Scan# 355

Delta R.T. -0.02 min

Lab File: VL036009.D

Acq: 25 Nov 2020 00:58

Instrument :

MSVOA_L

ClientSampleId :

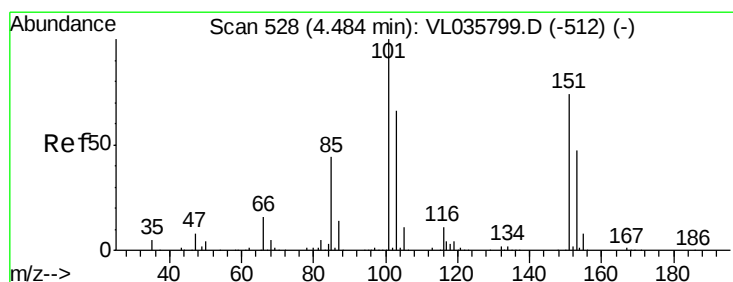
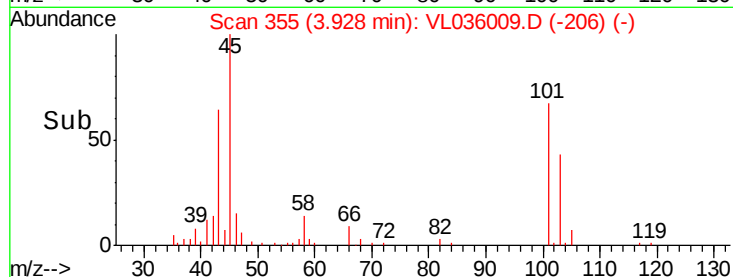
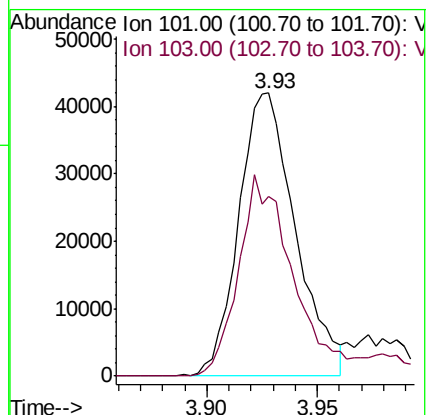
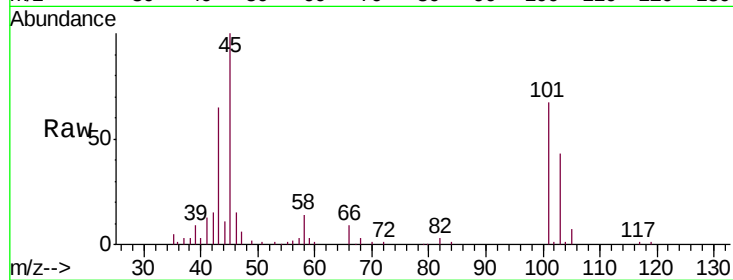
IA1

Tgt Ion:101 Resp: 74913

Ion Ratio Lower Upper

101 100

103 63.5 53.0 79.4



#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.033 ppbv

RT: 4.47 min Scan# 522

Delta R.T. -0.02 min

Lab File: VL036009.D

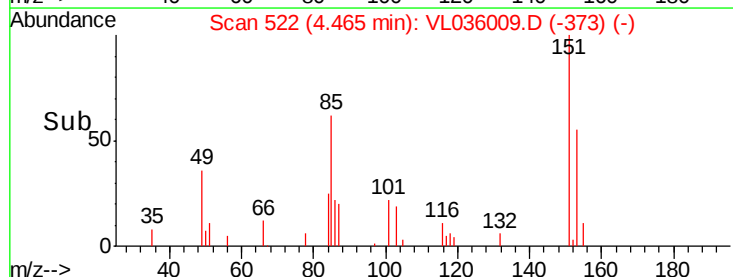
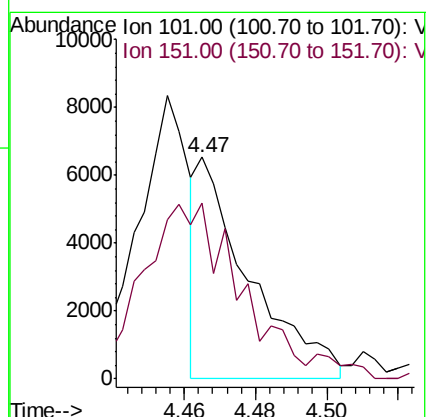
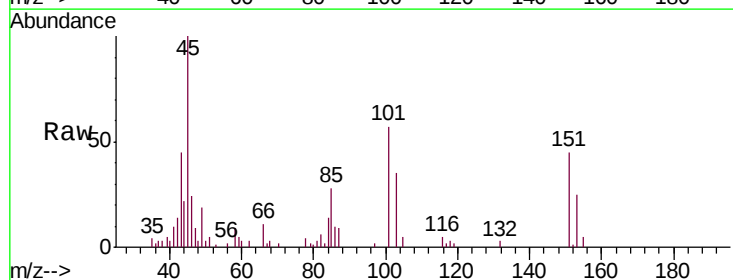
Acq: 25 Nov 2020 00:58

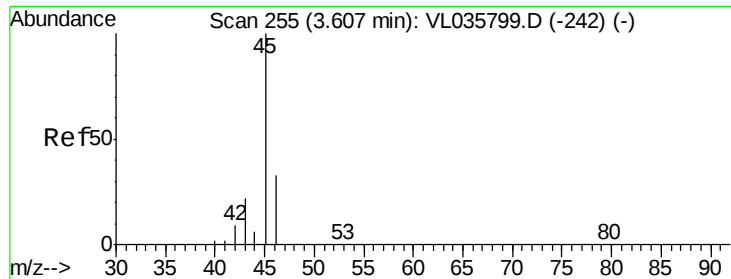
Tgt Ion:101 Resp: 6613

Ion Ratio Lower Upper

101 100

151 155.4 58.9 88.3#





#13

Ethanol

Concen: 1002.564 ppbv

RT: 3.61 min Scan# 256

Delta R.T. 0.00 min

Lab File: VL036009.D

Acq: 25 Nov 2020 00:58

Instrument :

MSVOA_L

ClientSampled :

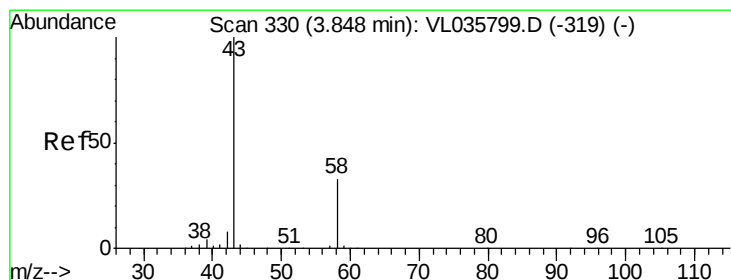
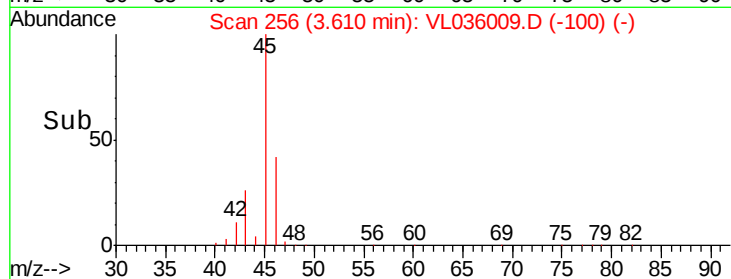
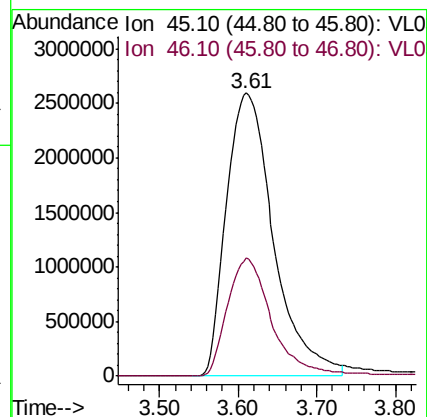
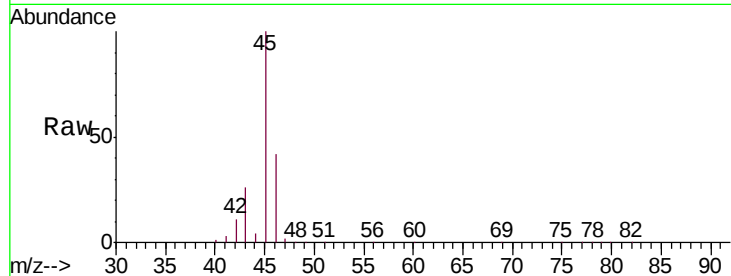
IA1

Tgt Ion: 45 Resp:10850297

Ion Ratio Lower Upper

45 100

46 40.3 16.1 64.5



#15

Acetone

Concen: 23.935 ppbv

RT: 3.82 min Scan# 322

Delta R.T. -0.03 min

Lab File: VL036009.D

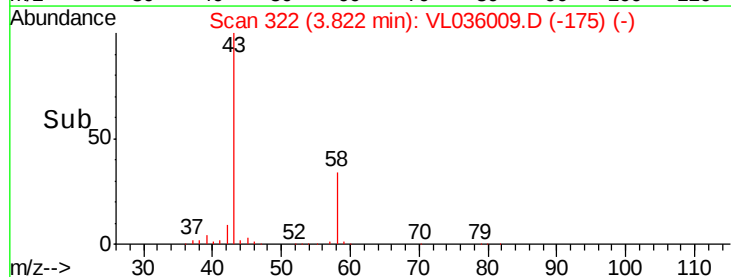
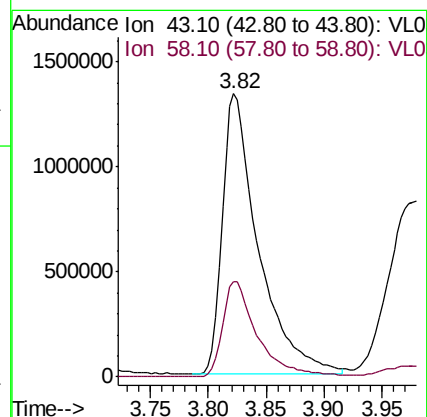
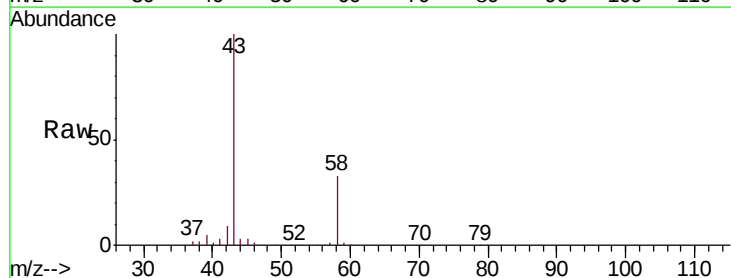
Acq: 25 Nov 2020 00:58

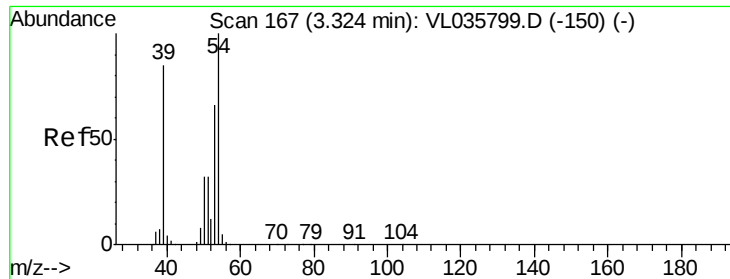
Tgt Ion: 43 Resp: 2912353

Ion Ratio Lower Upper

43 100

58 32.8 27.5 41.3

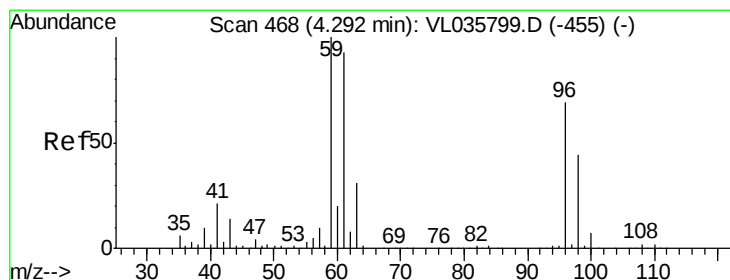
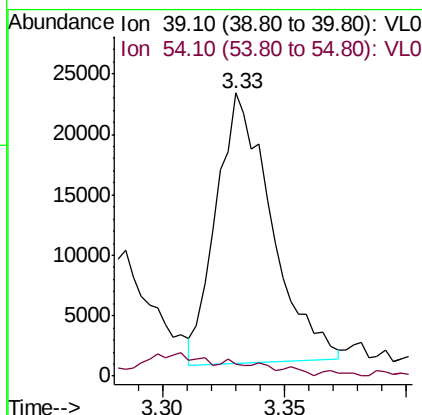
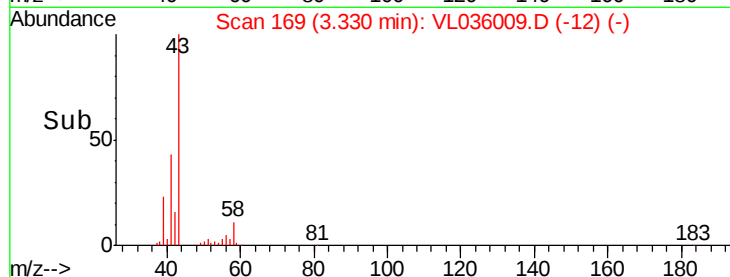
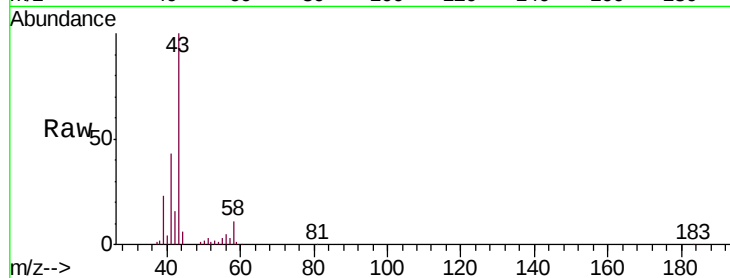




#16
 1,3-Butadiene
 Concen: 0.669 ppbv
 RT: 3.33 min Scan# 169
 Delta R.T. 0.01 min
 Lab File: VL036009.D
 Acq: 25 Nov 2020 00:58

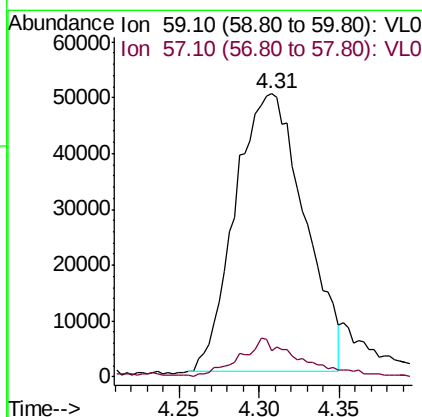
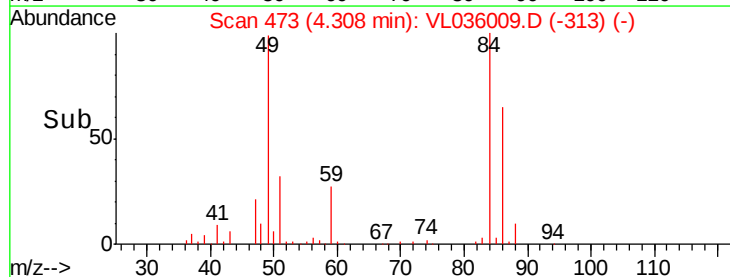
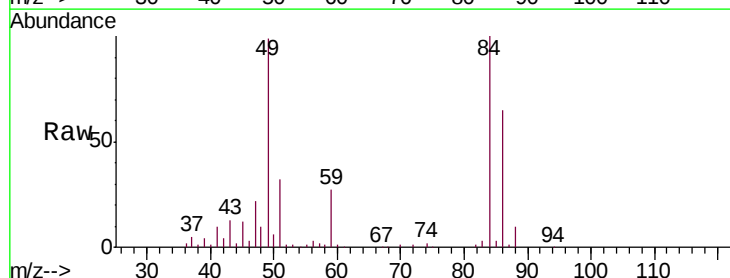
Instrument :
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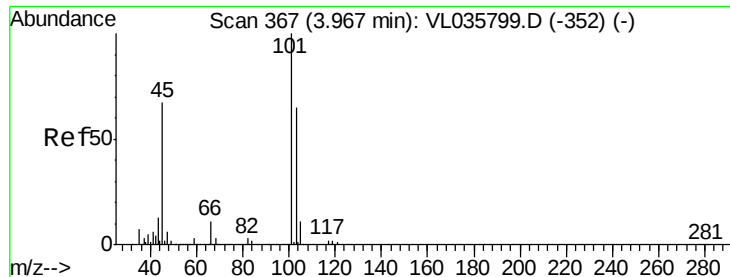
Tgt Ion: 39 Resp: 35059
 Ion Ratio Lower Upper
 39 100
 54 16.9 87.1 130.7#



#17
 tert-Butyl alcohol
 Concen: 0.920 ppbv
 RT: 4.31 min Scan# 473
 Delta R.T. 0.02 min
 Lab File: VL036009.D
 Acq: 25 Nov 2020 00:58

Tgt Ion: 59 Resp: 148296
 Ion Ratio Lower Upper
 59 100
 57 12.5 8.2 12.4#





#19

Isopropyl Alcohol

Concen: 142.109 ppbv

RT: 3.98 min Scan# 371

Delta R.T. 0.01 min

Lab File: VL036009.D

Acq: 25 Nov 2020 00:58

Instrument :

MSVOA_L

ClientSampleId :

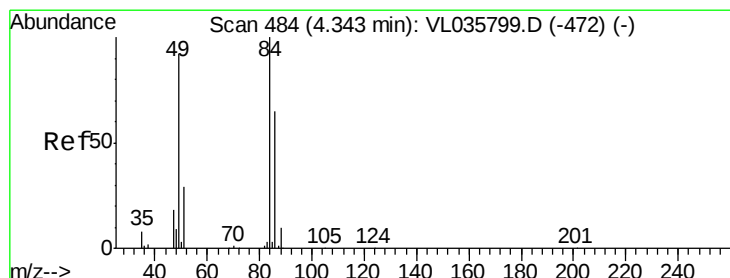
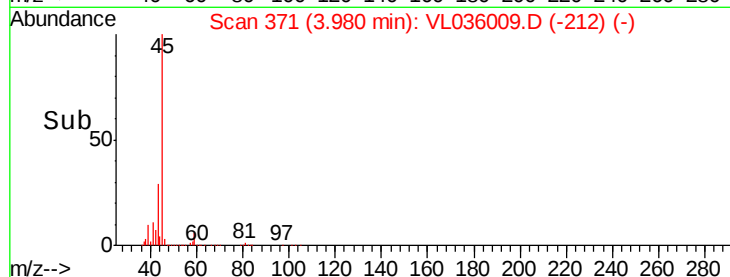
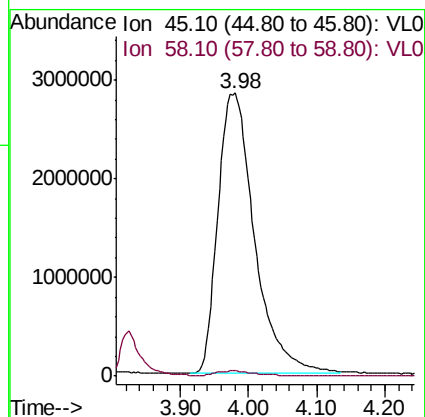
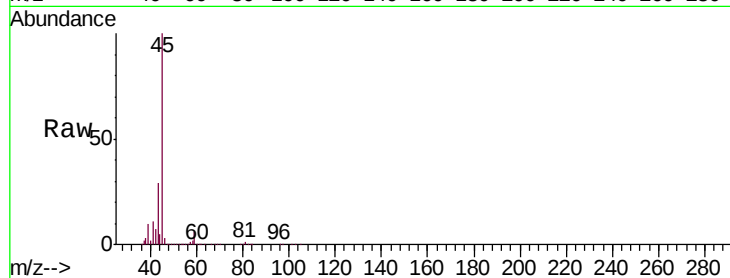
IA1

Tgt Ion: 45 Resp:10626262

Ion Ratio Lower Upper

45 100

58 1.8 2.6 3.8#



#20

Methylene Chloride

Concen: 7.913 ppbv

RT: 4.32 min Scan# 477

Delta R.T. -0.02 min

Lab File: VL036009.D

Acq: 25 Nov 2020 00:58

Tgt Ion: 84 Resp: 677849

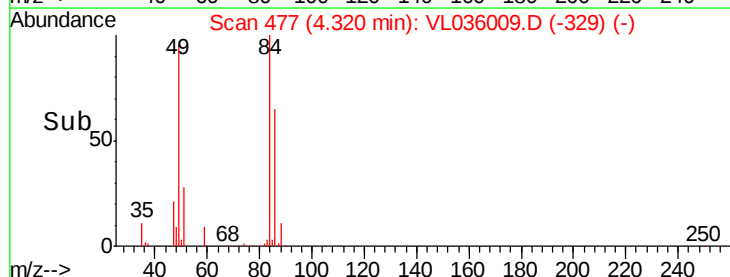
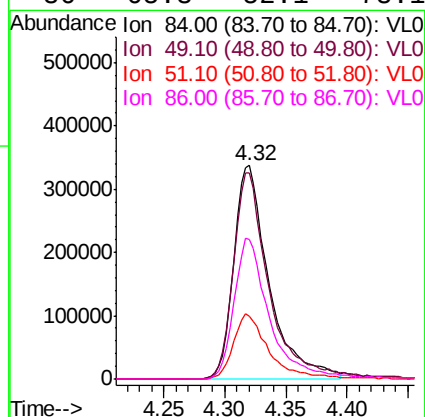
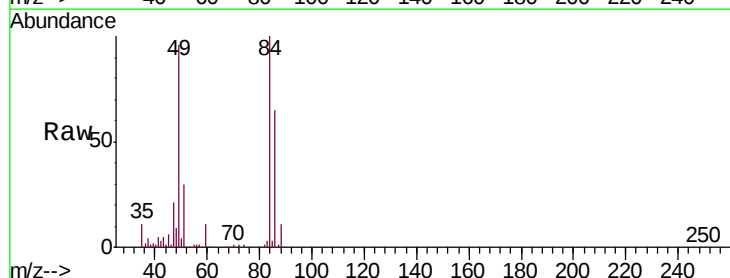
Ion Ratio Lower Upper

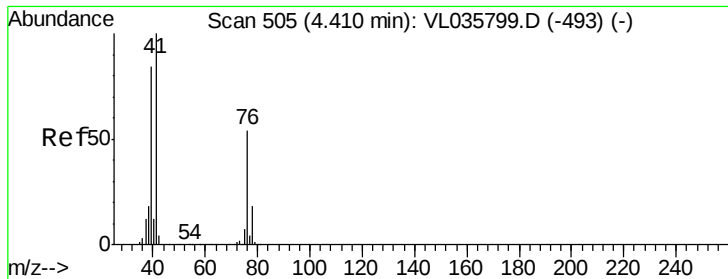
84 100

49 96.2 73.8 110.8

51 29.4 23.0 34.4

86 65.3 52.1 78.1





#21

Allyl Chloride

Concen: 0.179 ppbv

RT: 4.32 min Scan# 477

Delta R.T. -0.09 min

Lab File: VL036009.D

Acq: 25 Nov 2020 00:58

Instrument :

MSVOA_L

ClientSampleId :

IA1

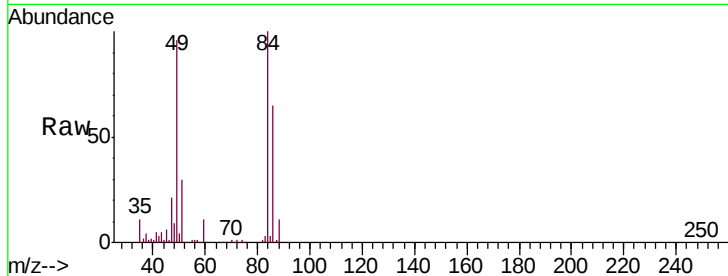
Tgt Ion: 41 Resp: 11806

Ion Ratio Lower Upper

41 100

76 57.1 42.6 63.8

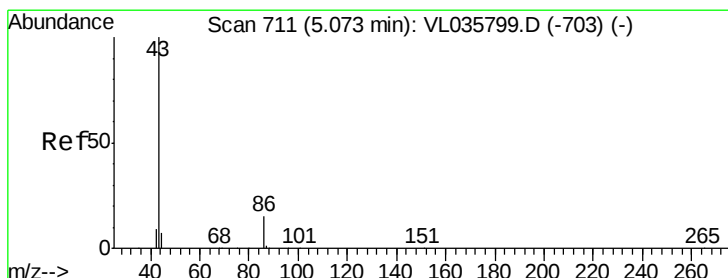
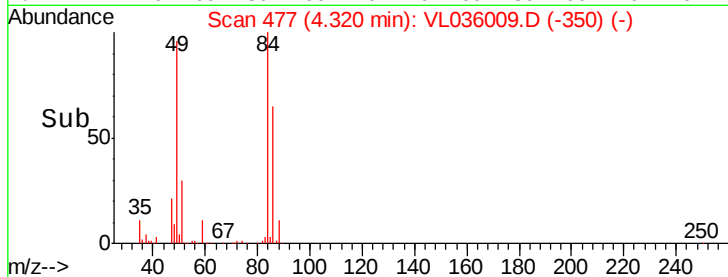
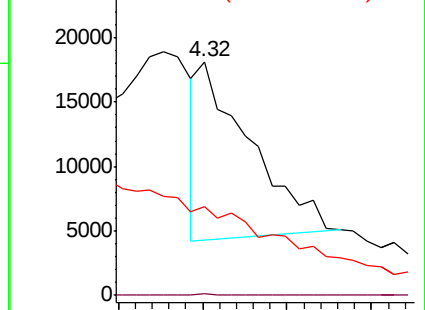
39 0.0 67.0 100.4#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 76.10 (75.80 to 76.80): VL0

Ion 39.10 (38.80 to 39.80): VL0



#23

Vinyl Acetate

Concen: 0.203 ppbv

RT: 5.04 min Scan# 700

Delta R.T. -0.04 min

Lab File: VL036009.D

Acq: 25 Nov 2020 00:58

Tgt Ion: 43 Resp: 34653

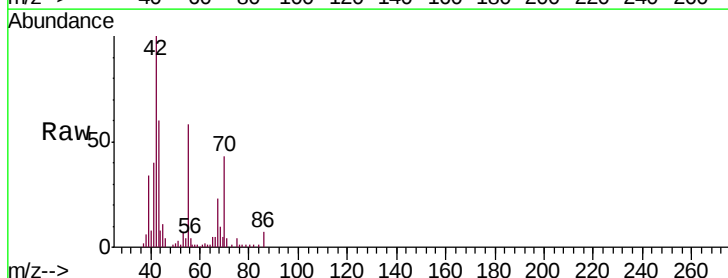
Ion Ratio Lower Upper

43 100

86 12.7 9.8 14.6

42 153.0 8.1 12.1#

44 5.8 4.2 6.4

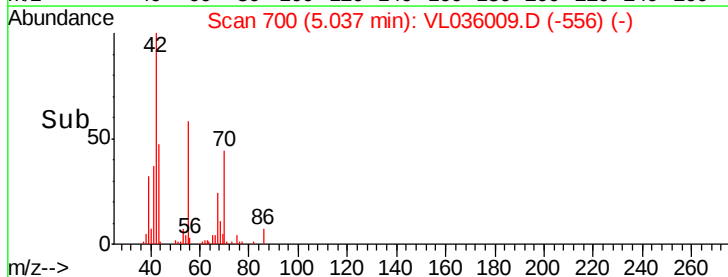
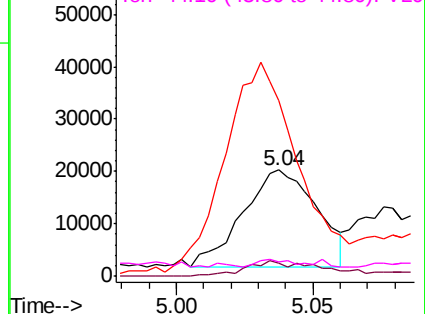


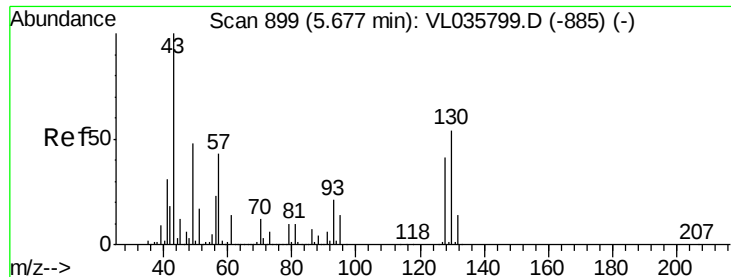
Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 86.10 (85.80 to 86.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

Ion 44.10 (43.80 to 44.80): VL0

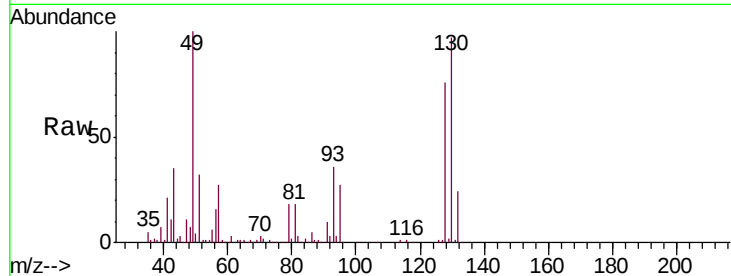




#25
Ethyl Acetate
Concen: 1.241 ppbv
RT: 5.65 min Scan# 891
Delta R.T. -0.03 min
Lab File: VL036009.D
Acq: 25 Nov 2020 00:58

Instrument :
MSVOA_L
ClientSampleId :
IA1

Tgt Ion:	43	Resp:	297570
Ion	Ratio	Lower	Upper
43	100		
45	8.3	8.5	12.7#
61	7.9	10.7	16.1#
70	7.5	8.6	12.8#



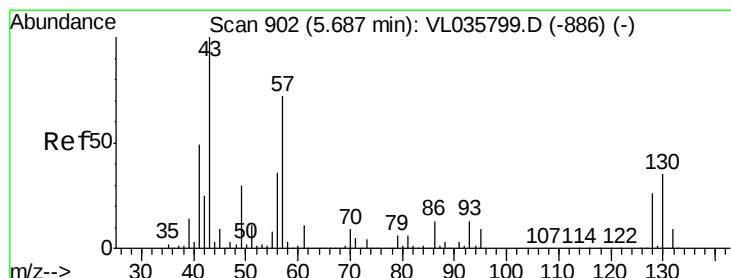
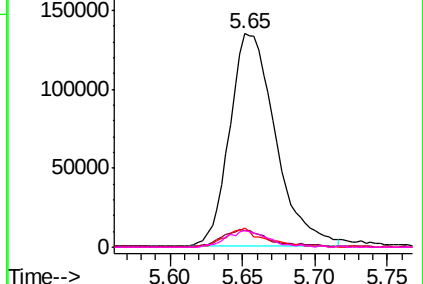
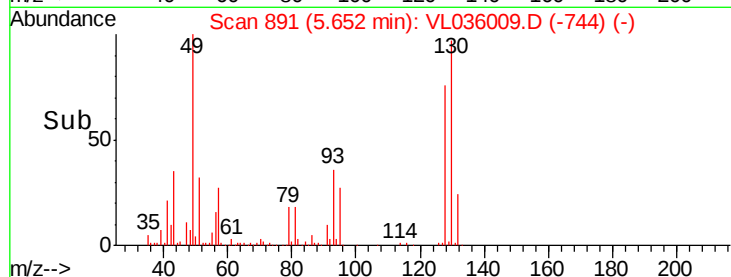
Abundance

Ion 43.10 (42.80 to 43.80): VL0

Ion 45.10 (44.80 to 45.80): VL0

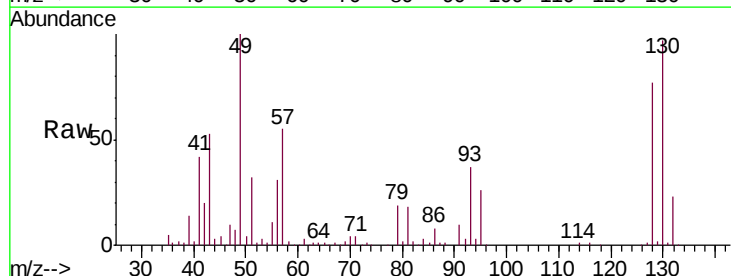
Ion 61.10 (60.80 to 61.80): VL0

Ion 70.10 (69.80 to 70.80): VL0



#26
Hexane
Concen: 1.966 ppbv
RT: 5.66 min Scan# 893
Delta R.T. -0.03 min
Lab File: VL036009.D
Acq: 25 Nov 2020 00:58

Tgt Ion:	57	Resp:	259840
Ion	Ratio	Lower	Upper
57	100		
41	83.3	58.9	88.3
43	117.8	150.2	225.2#
56	59.4	42.4	63.6



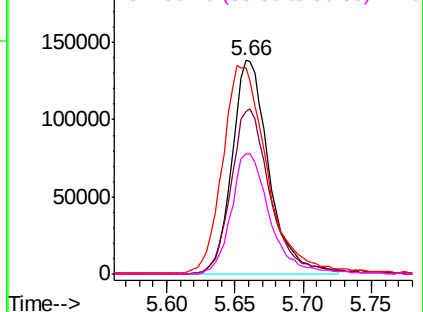
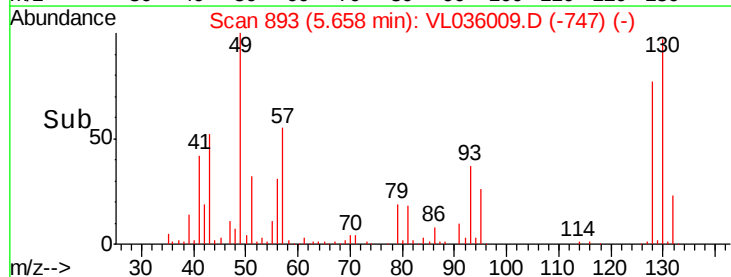
Abundance

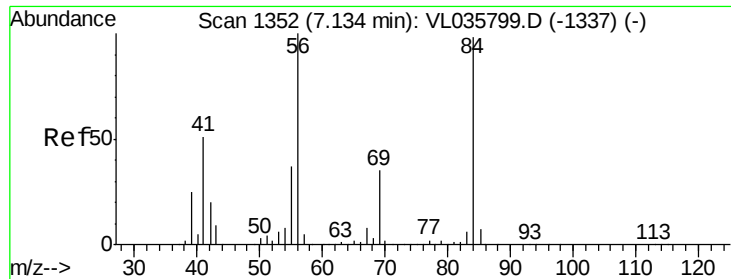
Ion 57.10 (56.80 to 57.80): VL0

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

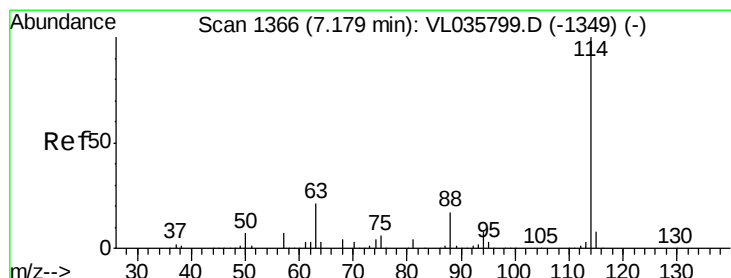
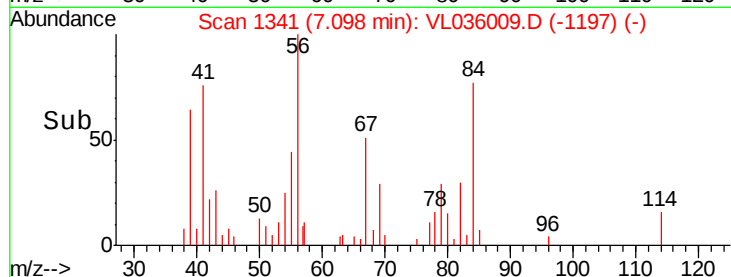
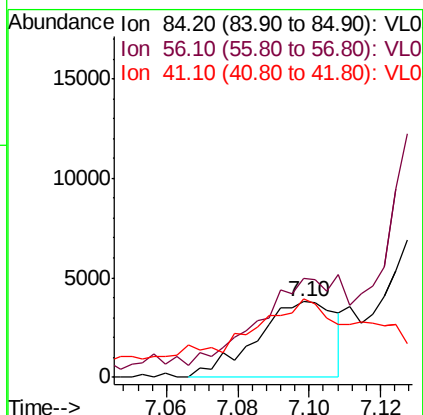
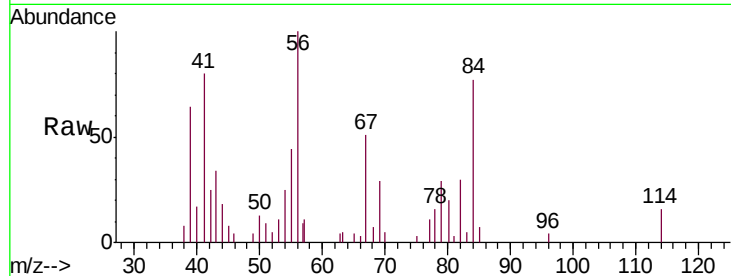




#30
Cyclohexane
Concen: 0.040 ppbv
RT: 7.10 min Scan# 1341
Delta R.T. -0.04 min
Lab File: VL036009.D
Acq: 25 Nov 2020 00:58

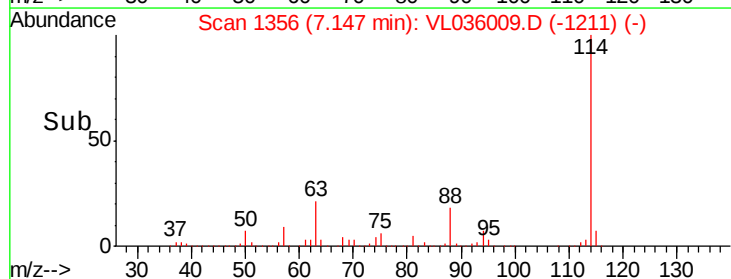
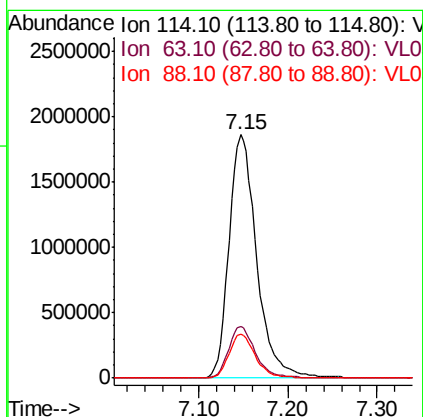
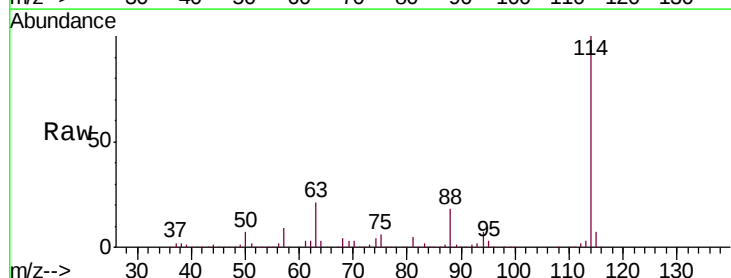
Instrument :
MSVOA_L
ClientSampleId :
IA1

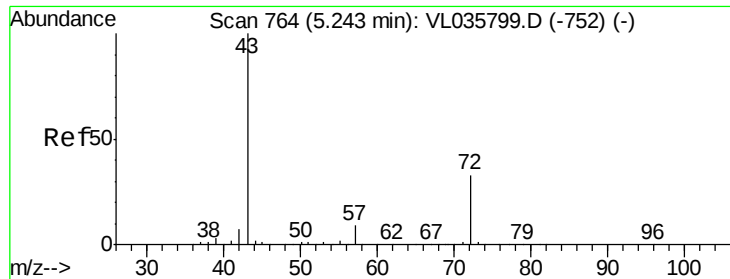
Tgt Ion: 84 Resp: 5825
Ion Ratio Lower Upper
84 100
56 0.0 86.4 129.6#
41 141.7 42.1 63.1#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.15 min Scan# 1356
Delta R.T. -0.03 min
Lab File: VL036009.D
Acq: 25 Nov 2020 00:58

Tgt Ion: 114 Resp: 4003100
Ion Ratio Lower Upper
114 100
63 21.0 16.1 24.1
88 17.4 13.7 20.5





#34

2-Butanone

Concen: 1.138 ppbv

RT: 5.22 min Scan# 757

Delta R.T. -0.02 min

Lab File: VL036009.D

Acq: 25 Nov 2020 00:58

Instrument :

MSVOA_L

ClientSampled :

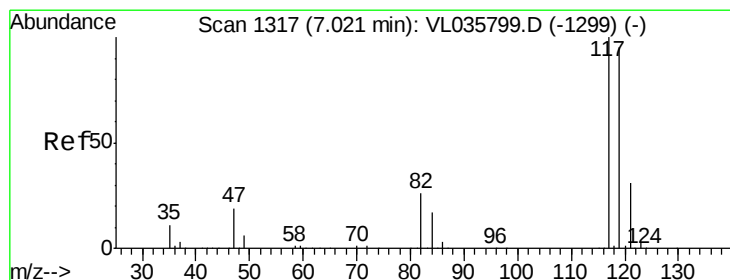
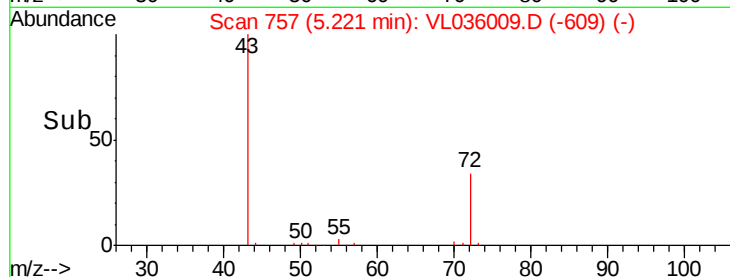
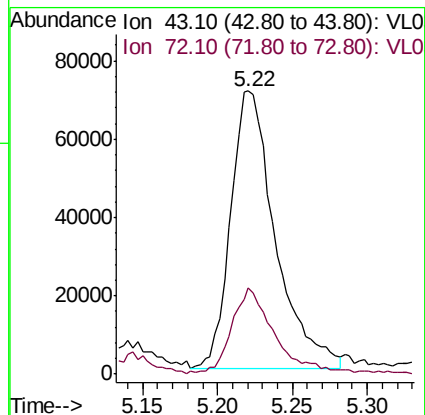
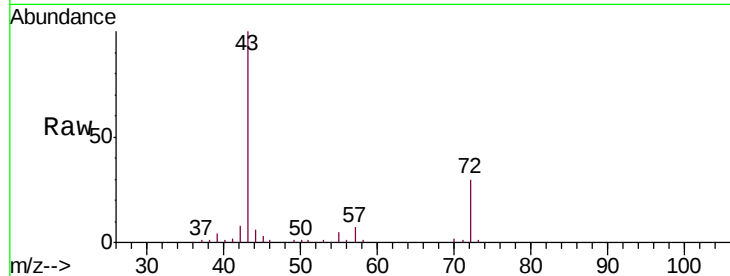
IA1

Tgt Ion: 43 Resp: 147836

Ion Ratio Lower Upper

43 100

72 30.7 26.5 39.7



#35

Carbon Tetrachloride

Concen: 0.036 ppbv

RT: 6.99 min Scan# 1306

Delta R.T. -0.04 min

Lab File: VL036009.D

Acq: 25 Nov 2020 00:58

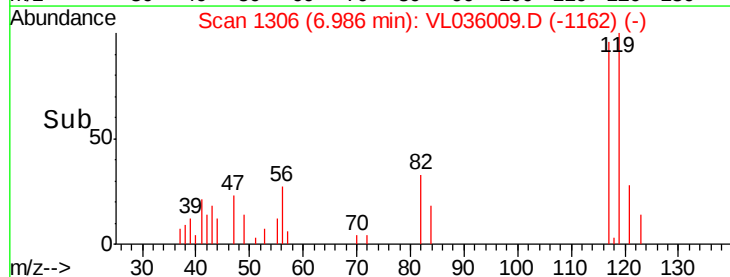
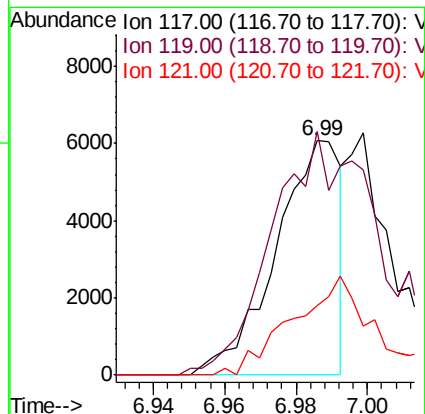
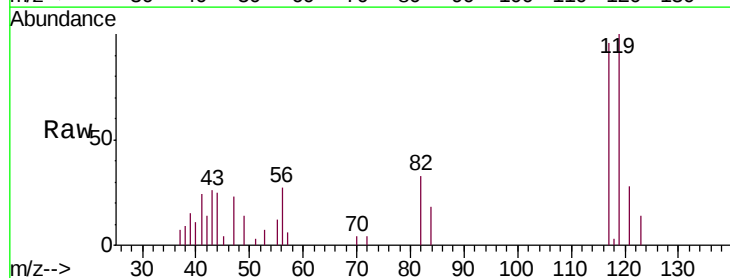
Tgt Ion: 117 Resp: 7654

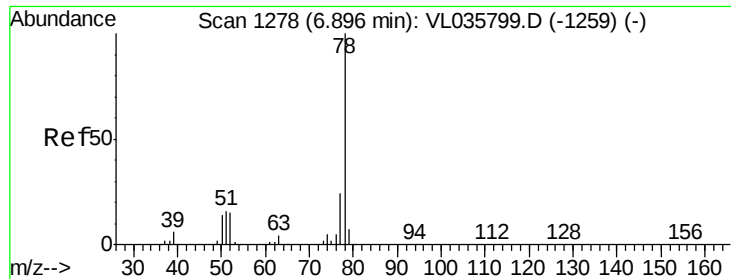
Ion Ratio Lower Upper

117 100

119 101.1 75.6 113.4

121 29.5 25.1 37.7





#36

Benzene

Concen: 0.262 ppbv

RT: 6.86 min Scan# 1268

Delta R.T. -0.03 min

Lab File: VL036009.D

Acq: 25 Nov 2020 00:58

Instrument :

MSVOA_L

ClientSampleId :

IA1

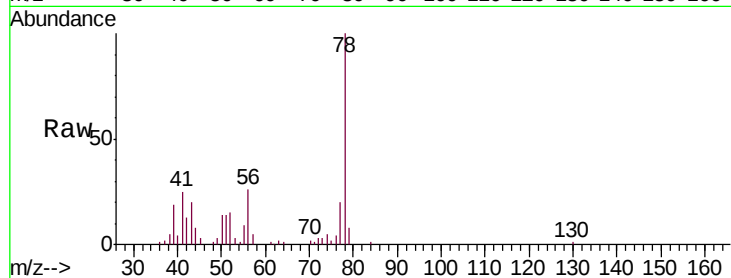
Tgt Ion: 78 Resp: 78064

Ion Ratio Lower Upper

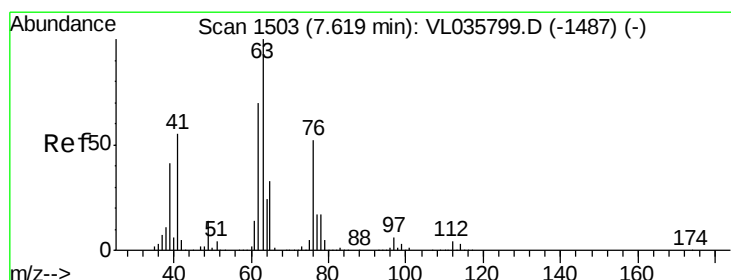
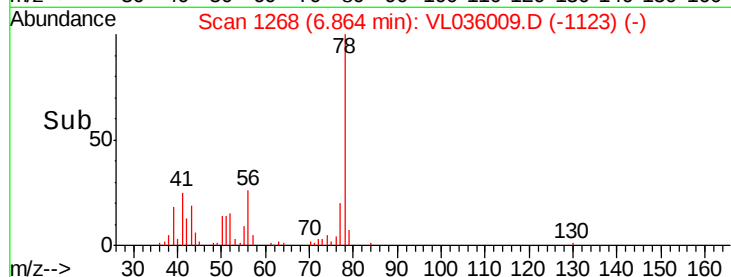
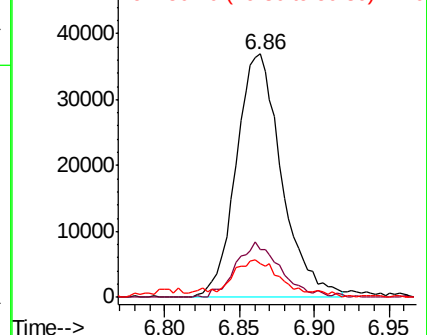
78 100

77 19.5 19.3 28.9

50 13.9 11.4 17.2



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: 8.262 ppbv

RT: 7.15 min Scan# 1356

Delta R.T. -0.47 min

Lab File: VL036009.D

Acq: 25 Nov 2020 00:58

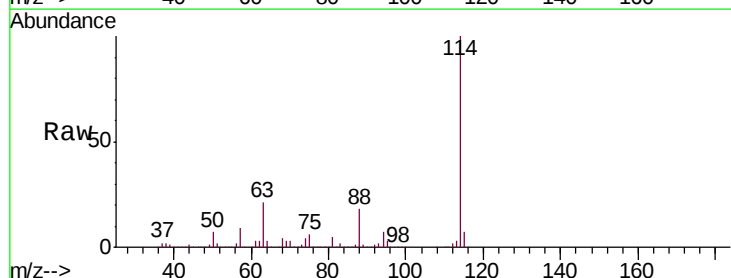
Tgt Ion: 63 Resp: 827788

Ion Ratio Lower Upper

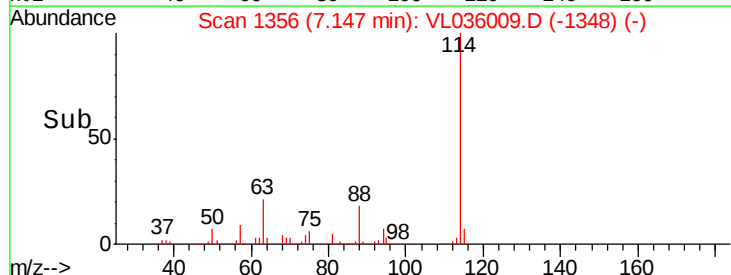
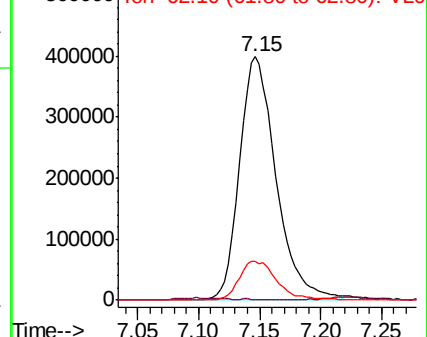
63 100

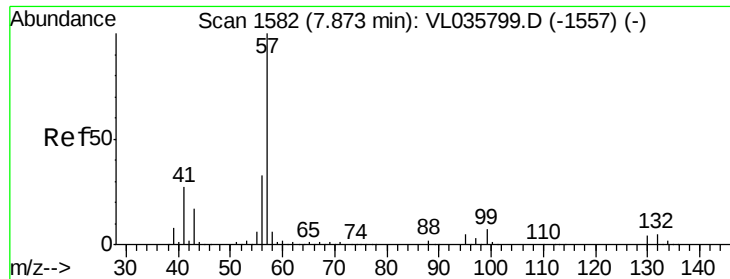
41 0.0 43.8 65.6#

62 15.8 56.2 84.2#



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





#44

2,2,4-Trimethylpentane

Concen: 0.033 ppbv

RT: 7.84 min Scan# 1571

Delta R.T. -0.04 min

Lab File: VL036009.D

Acq: 25 Nov 2020 00:58

Instrument :

MSVOA_L

ClientSampleId :

IA1

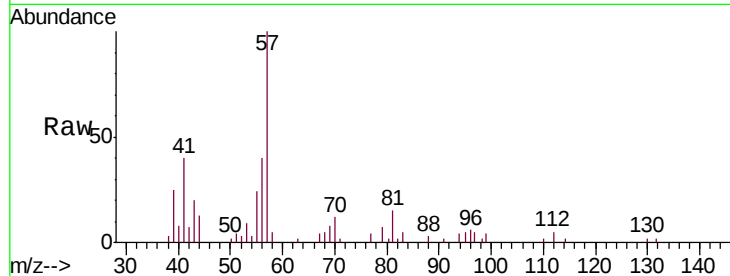
Tgt Ion: 57 Resp: 12848

Ion Ratio Lower Upper

57 100

41 101.1 21.0 31.4#

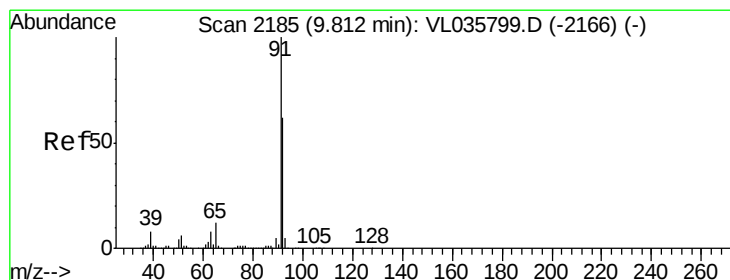
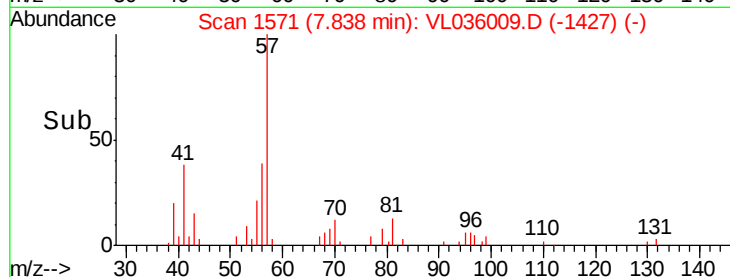
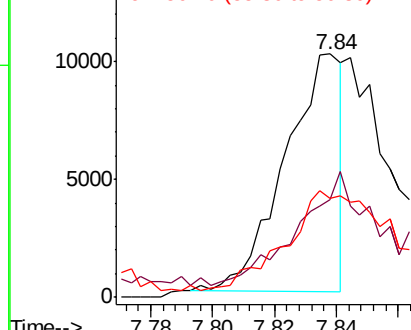
56 99.3 25.4 38.0#



Abundance Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 56.10 (55.80 to 56.80): VL0



#53

Toluene

Concen: 1.439 ppbv

RT: 9.78 min Scan# 2175

Delta R.T. -0.03 min

Lab File: VL036009.D

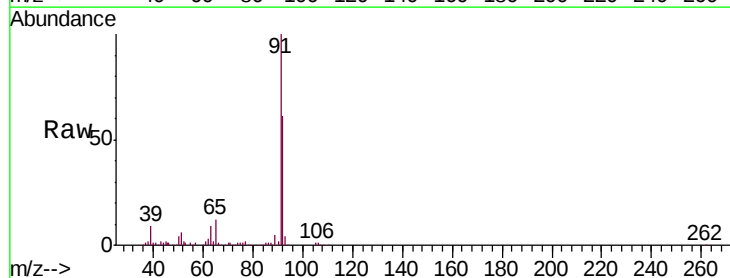
Acq: 25 Nov 2020 00:58

Tgt Ion: 91 Resp: 516864

Ion Ratio Lower Upper

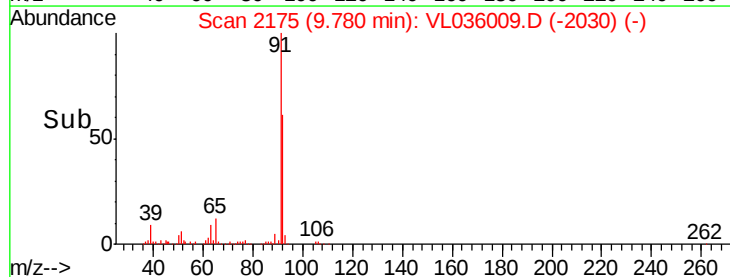
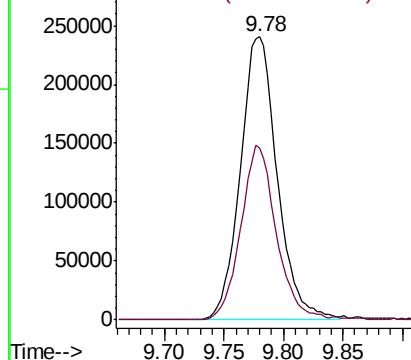
91 100

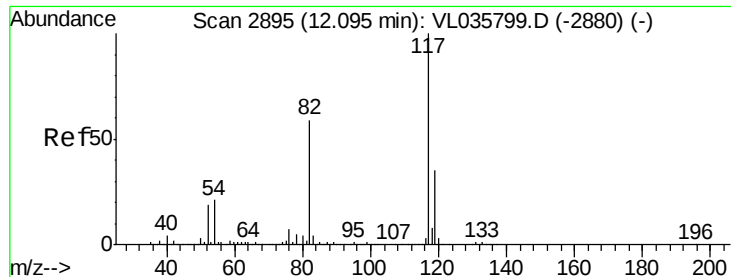
92 60.0 49.8 74.6



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0

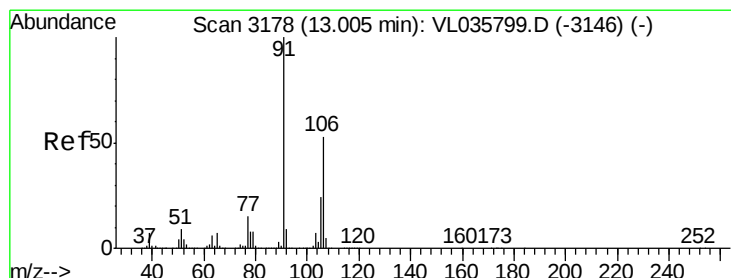
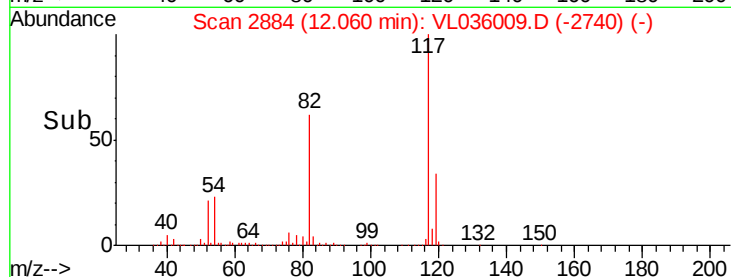
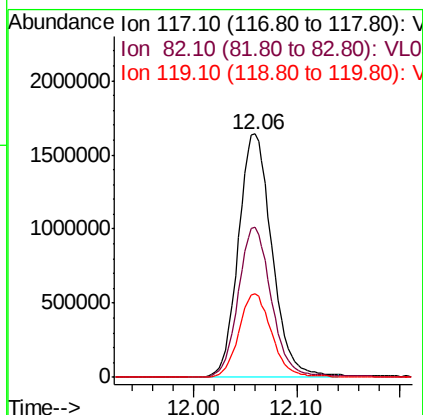
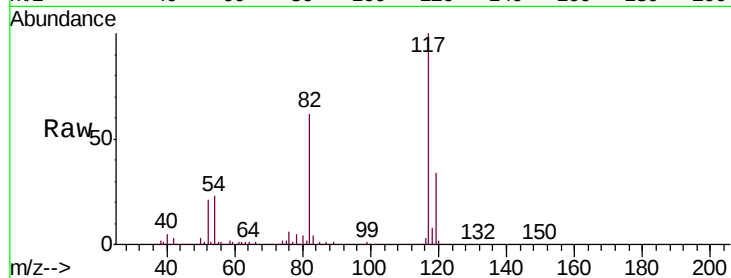




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.06 min Scan# 2884
Delta R.T. -0.04 min
Lab File: VL036009.D
Acq: 25 Nov 2020 00:58

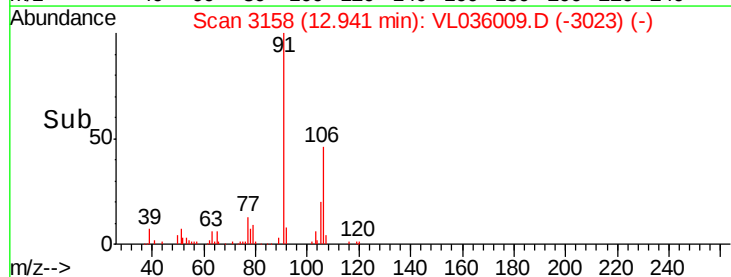
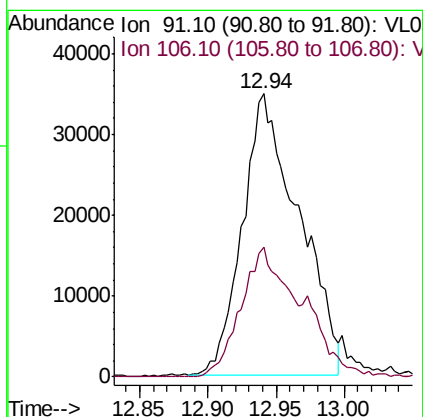
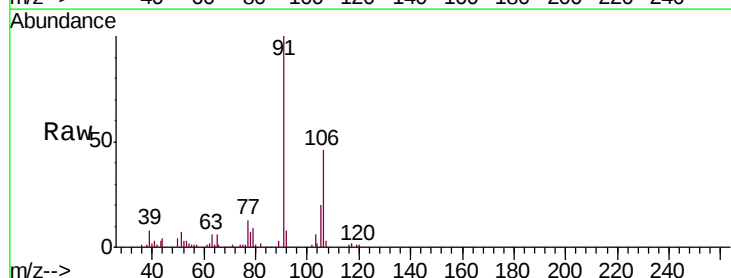
Instrument :
MSVOA_L
ClientSampled :
IA1

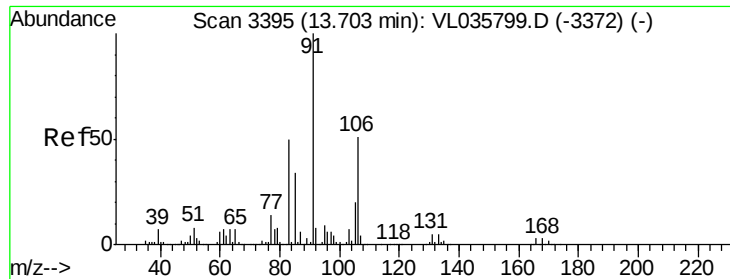
Tgt Ion: 117 Resp: 3732603
Ion Ratio Lower Upper
117 100
82 61.8 50.6 76.0
119 34.1 52.6 78.8#



#59
m/p-Xylene
Concen: 0.261 ppbv
RT: 12.94 min Scan# 3158
Delta R.T. -0.06 min
Lab File: VL036009.D
Acq: 25 Nov 2020 00:58

Tgt Ion: 91 Resp: 100367
Ion Ratio Lower Upper
91 100
106 49.3 39.5 59.3

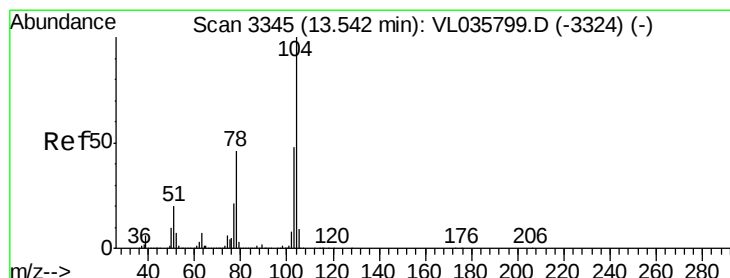
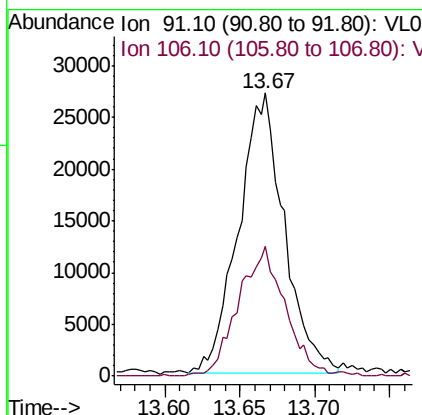
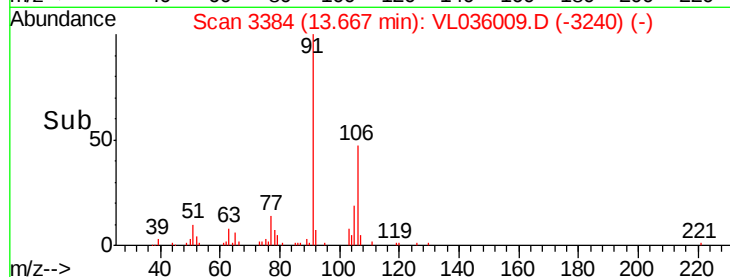
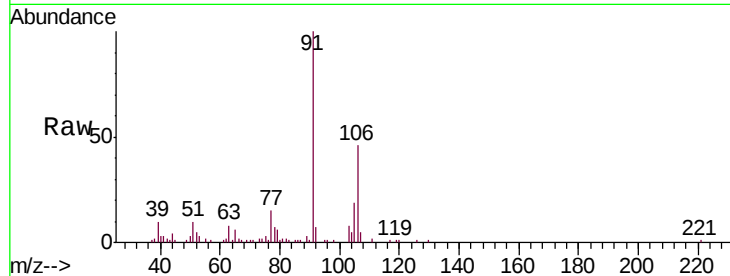




#60
o-Xylene
Concen: 0.154 ppbv
RT: 13.67 min Scan# 3384
Delta R.T. -0.04 min
Lab File: VL036009.D
Acq: 25 Nov 2020 00:58

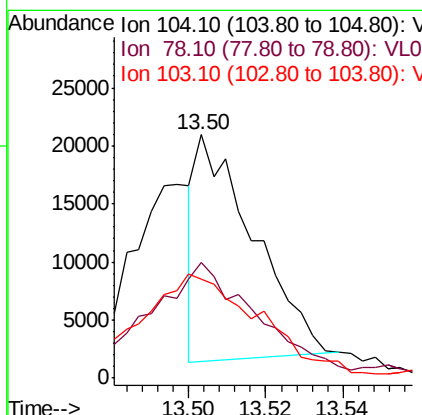
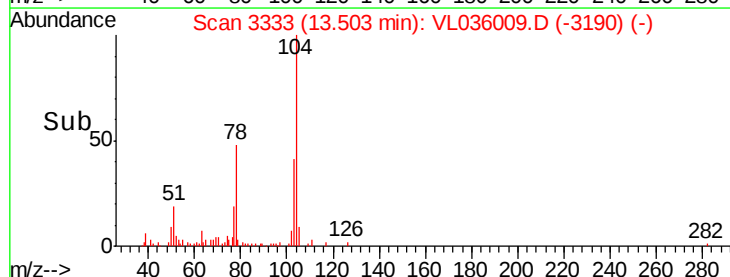
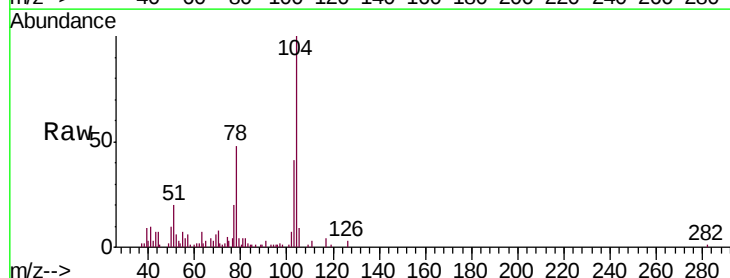
Instrument :
MSVOA_L
ClientSampleId :
IA1

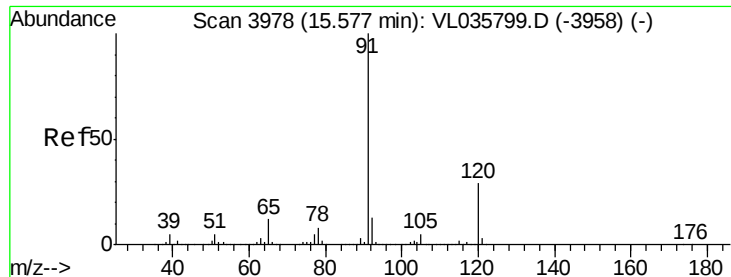
Tgt Ion: 91 Resp: 57700
Ion Ratio Lower Upper
91 100
106 47.8 24.8 74.4



#61
Styrene
Concen: 0.073 ppbv
RT: 13.50 min Scan# 3333
Delta R.T. -0.04 min
Lab File: VL036009.D
Acq: 25 Nov 2020 00:58

Tgt Ion: 104 Resp: 19878
Ion Ratio Lower Upper
104 100
78 109.8 37.1 55.7#
103 105.9 37.9 56.9#





#64

n-propylbenzene

Concen: 0.049 ppbv

RT: 15.53 min Scan# 3963

Delta R.T. -0.05 min

Lab File: VL036009.D

Acq: 25 Nov 2020 00:58

Instrument :

MSVOA_L

ClientSampled :

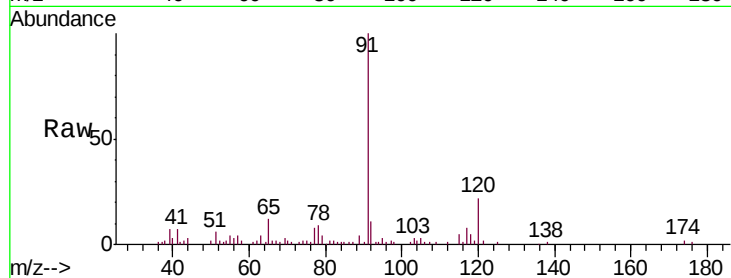
IA1

Tgt Ion:120 Resp: 8290

Ion Ratio Lower Upper

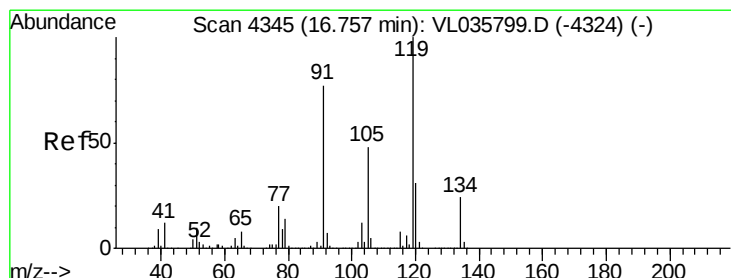
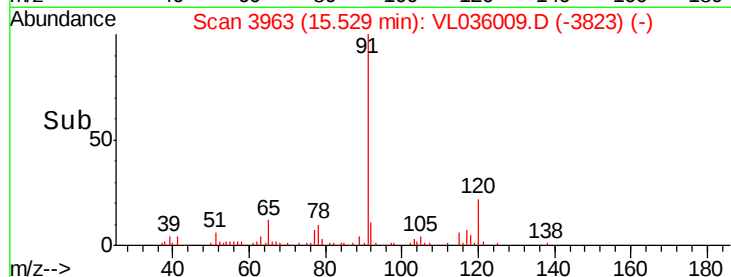
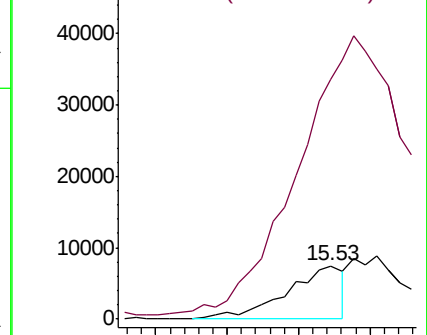
120 100

91 0.0 311.1 466.7#



Abundance Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0



#65

tert-Butylbenzene

Concen: 0.083 ppbv

RT: 16.73 min Scan# 4338

Delta R.T. -0.02 min

Lab File: VL036009.D

Acq: 25 Nov 2020 00:58

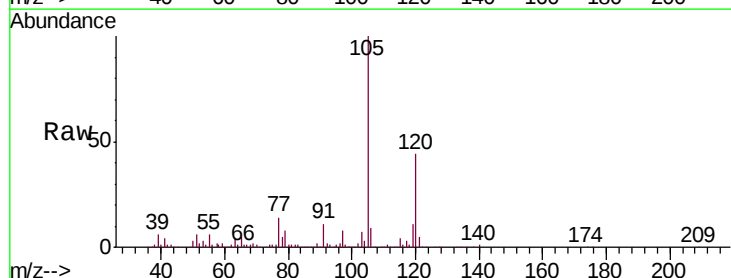
Tgt Ion:119 Resp: 44201

Ion Ratio Lower Upper

119 100

91 0.0 62.0 93.0#

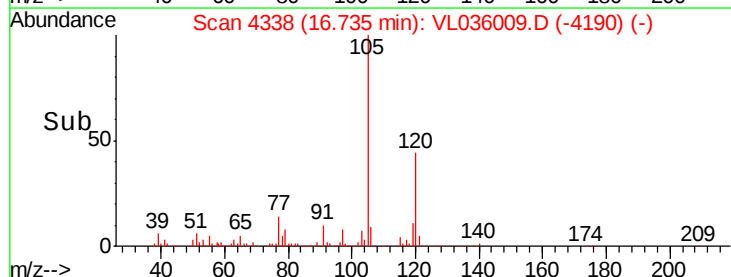
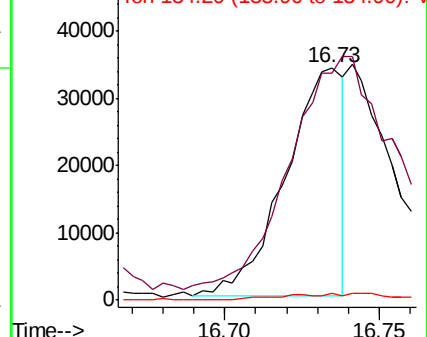
134 0.0 17.8 26.8#

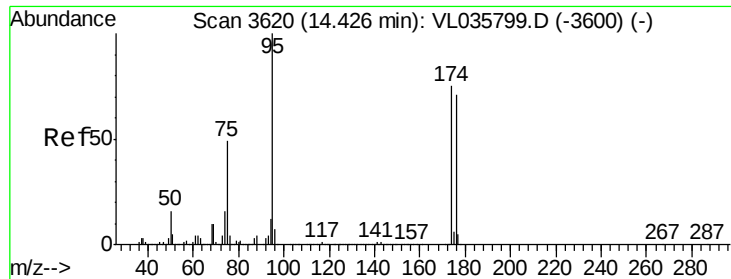


Abundance Ion 119.20 (118.90 to 119.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 134.20 (133.90 to 134.90): V





#68

1-Bromo-4-Fluorobenzene

Concen: 11.211 ppbv

RT: 14.39 min Scan# 3608

Delta R.T. -0.04 min

Lab File: VL036009.D

Acq: 25 Nov 2020 00:58

Instrument :

MSVOA_L

ClientSampleId :

IA1

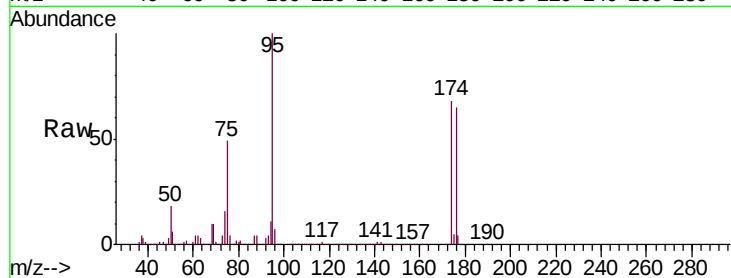
Tgt Ion: 95 Resp: 2972963

Ion Ratio Lower Upper

95 100

174 69.6 59.8 89.6

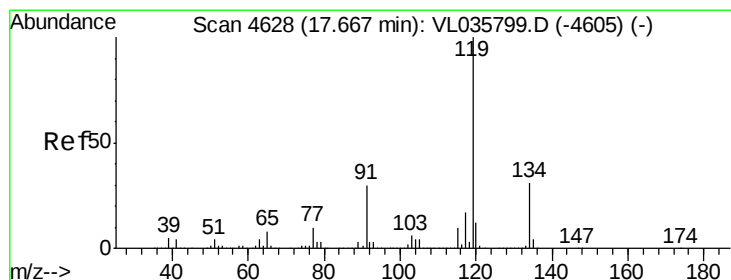
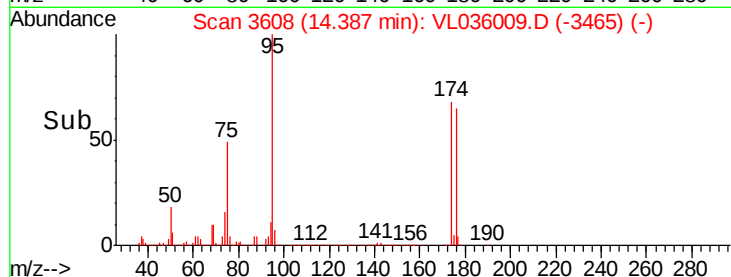
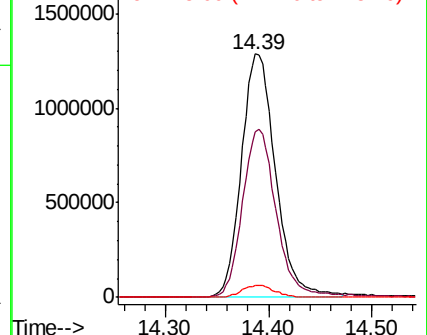
175 4.8 4.3 6.5



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: 0.133 ppbv

RT: 17.63 min Scan# 4615

Delta R.T. -0.04 min

Lab File: VL036009.D

Acq: 25 Nov 2020 00:58

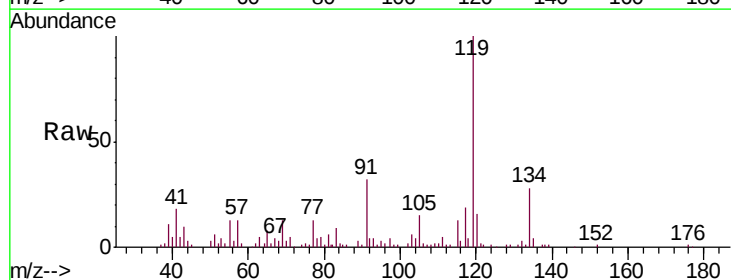
Tgt Ion: 119 Resp: 79018

Ion Ratio Lower Upper

119 100

134 27.4 23.0 34.6

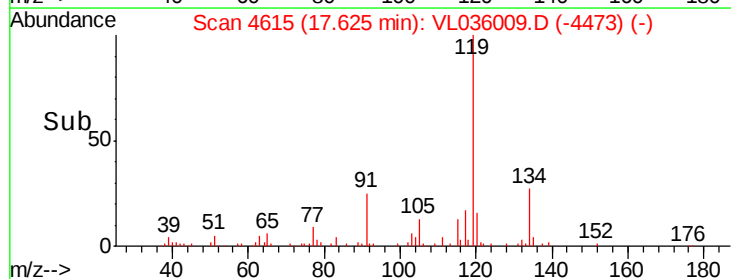
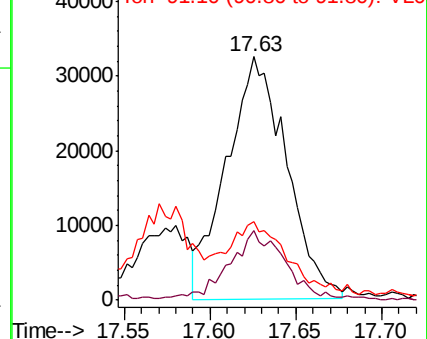
91 30.4 22.8 34.2

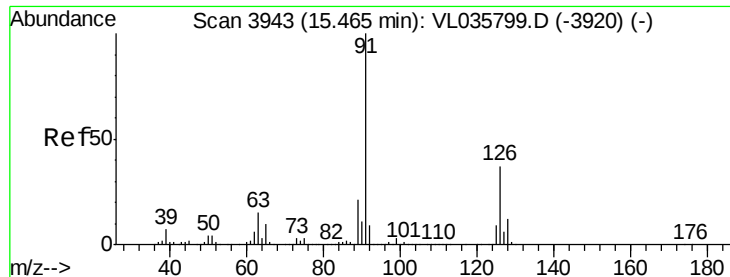


Abundance Ion 119.10 (118.80 to 119.80): V

Ion 134.20 (133.90 to 134.90): V

Ion 91.10 (90.80 to 91.80): VL0

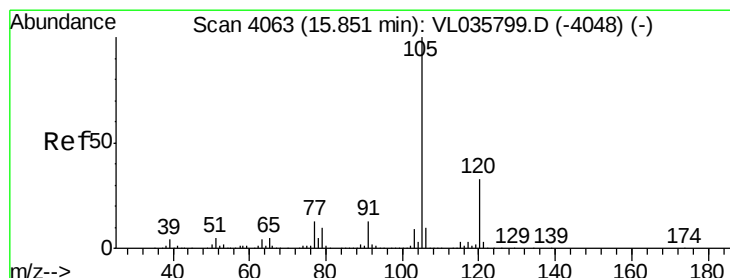
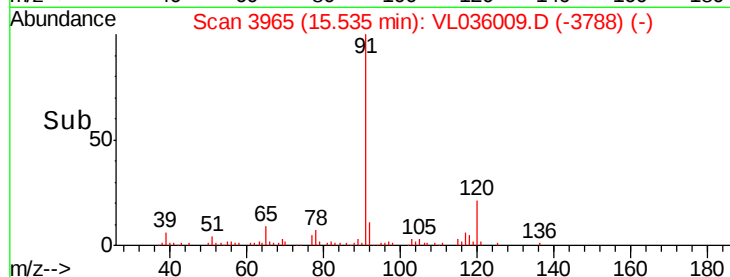
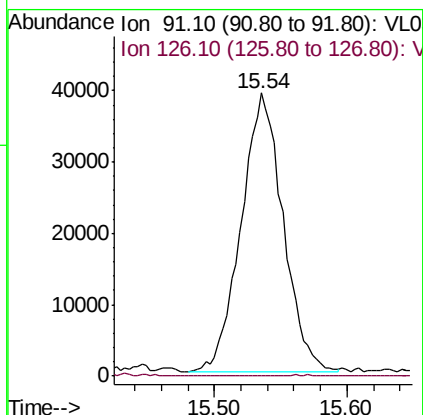
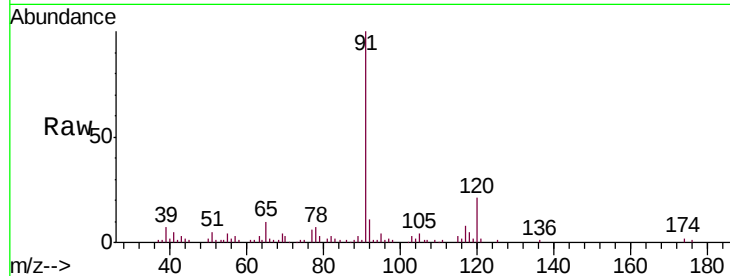




#71
 2-Chlorotoluene
 Concen: 0.201 ppbv
 RT: 15.54 min Scan# 3965
 Delta R.T. 0.07 min
 Lab File: VL036009.D
 Acq: 25 Nov 2020 00:58

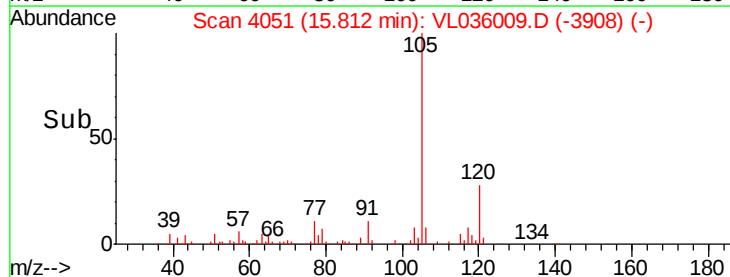
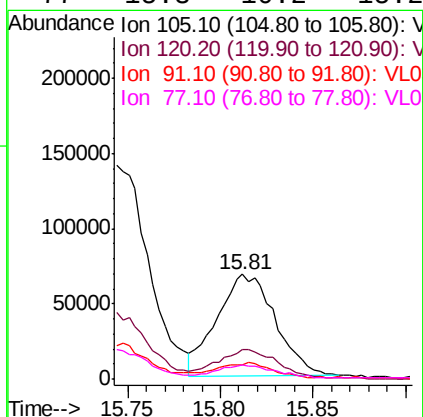
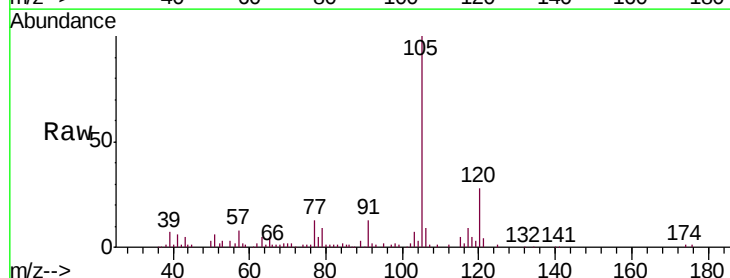
Instrument :
 MSVOA_L
 ClientSampleId :
 IA1

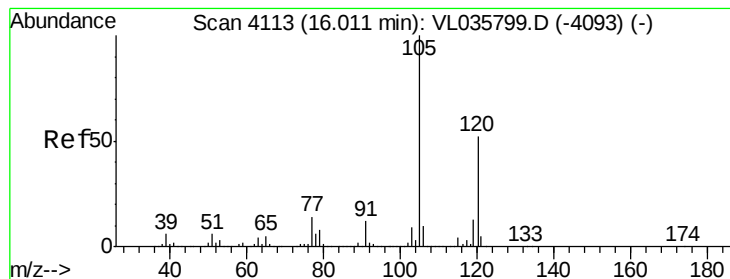
Tgt Ion: 91 Resp: 86486
 Ion Ratio Lower Upper
 91 100
 126 0.6 14.3 57.1#



#72
 4-Ethyltoluene
 Concen: 0.328 ppbv
 RT: 15.81 min Scan# 4051
 Delta R.T. -0.04 min
 Lab File: VL036009.D
 Acq: 25 Nov 2020 00:58

Tgt Ion: 105 Resp: 148748
 Ion Ratio Lower Upper
 105 100
 120 31.8 25.9 38.9
 91 16.8 9.9 14.9#
 77 15.3 10.2 15.2#





#73

1,3,5-Trimethylbenzene

Concen: 0.352 ppbv

RT: 15.97 min Scan# 4101

Delta R.T. -0.04 min

Lab File: VL036009.D

Acq: 25 Nov 2020 00:58

Instrument :

MSVOA_L

ClientSampleId :

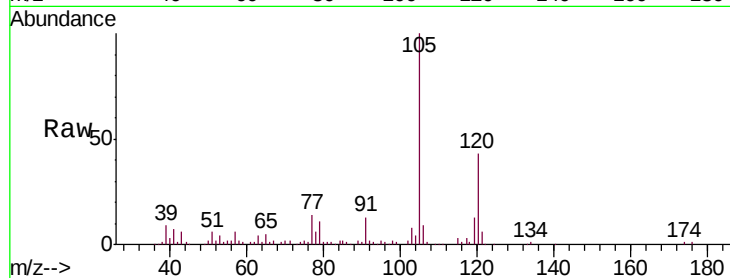
IA1

Tgt Ion:105 Resp: 146283

Ion Ratio Lower Upper

105 100

120 43.5 41.4 62.2



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

15.97

60000

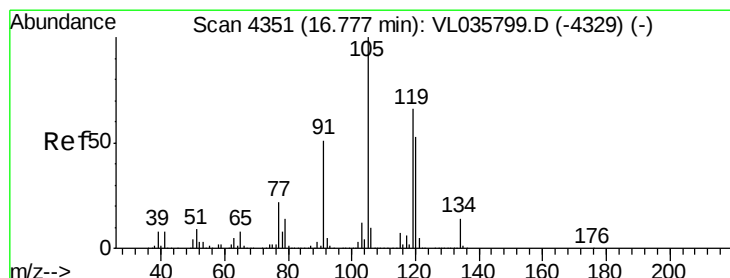
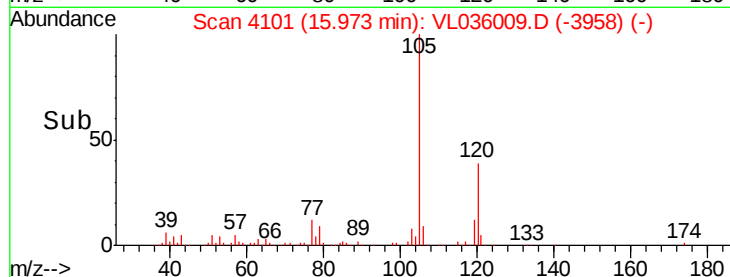
40000

20000

0

15.90 16.00

Time-->



#74

1,2,4-Trimethylbenzene

Concen: 1.590 ppbv

RT: 16.73 min Scan# 4338

Delta R.T. -0.04 min

Lab File: VL036009.D

Acq: 25 Nov 2020 00:58

Tgt Ion:105 Resp: 707301

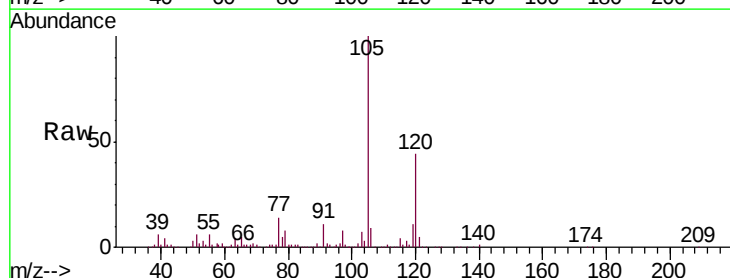
Ion Ratio Lower Upper

105 100

120 43.5 42.0 63.0

91 10.2 41.0 61.6#

77 13.5 17.3 25.9#



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

16.73

500000

400000

300000

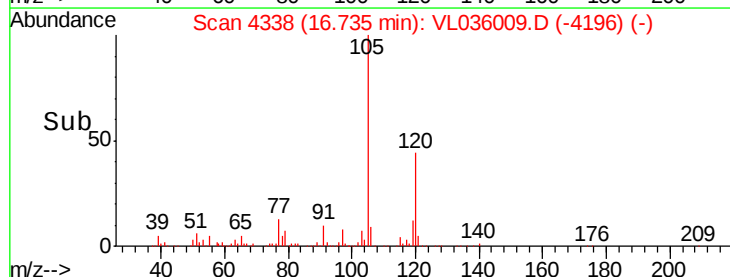
200000

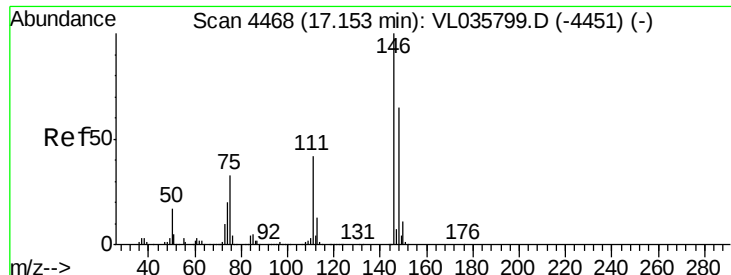
100000

0

16.70 16.80

Time-->





#76

1,4-Dichlorobenzene

Concen: 0.057 ppbv

RT: 17.11 min Scan# 4455

Delta R.T. -0.04 min

Lab File: VL036009.D

Acq: 25 Nov 2020 00:58

Instrument :

MSVOA_L

ClientSampleId :

IA1

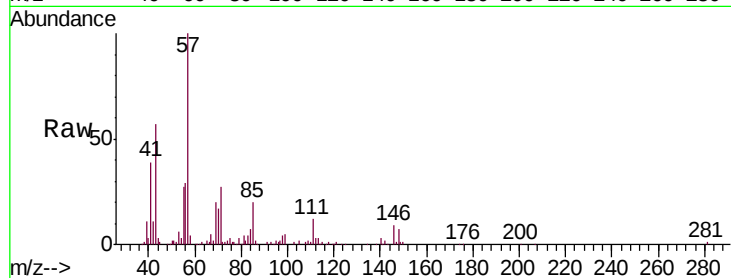
Tgt Ion:146 Resp: 15594

Ion Ratio Lower Upper

146 100

111 150.3 21.3 63.7#

148 65.6 33.0 99.0



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V

