

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL121620\
 Data File : VL036187.D
 Acq On : 17 Dec 2020 4:25
 Operator : SY/AP
 Sample : L5082-01 4X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Dec 17 07:42:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL120720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Dec 07 16:56:49 2020
 QLast Update : Mon Dec 07 16:56:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1494647	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2857978	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	2667048	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	2486109	11.74	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	117.40%

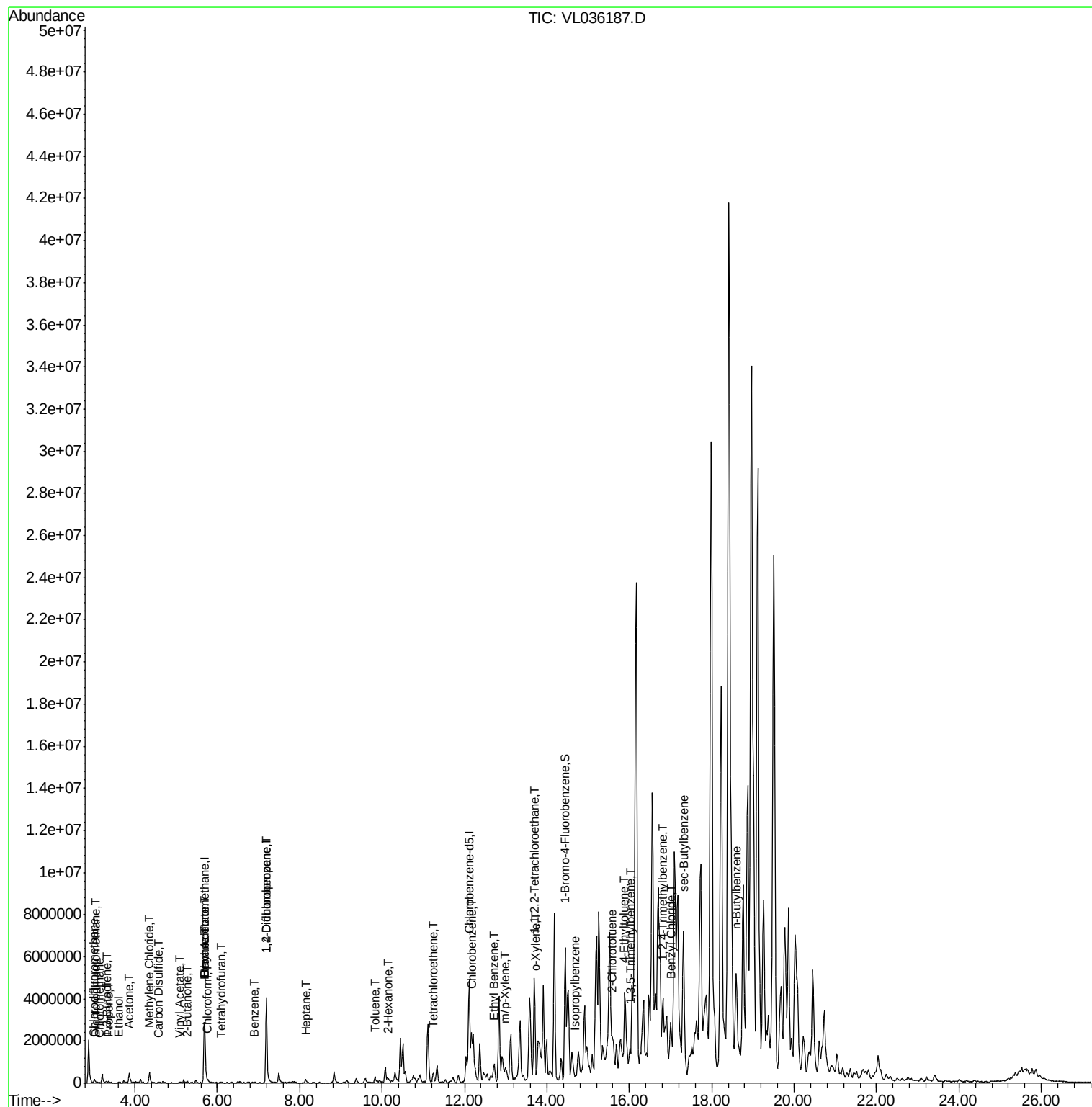
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.05	85	17313	0.099	ppbv	89
3) Chlorodifluoromethane	2.99	51	27642	0.162	ppbv #	86
4) Chloromethane	3.14	50	2533	0.030	ppbv	91
9) Propene	3.36	41	13293	0.156	ppbv	90
10) Heptane	8.14	43	35994	0.165	ppbv #	29
13) Ethanol	3.60	45	14941	1.269	ppbv #	29
15) Acetone	3.85	43	612867	3.412	ppbv	90
16) 1,3-Butadiene	3.33	39	6758	0.075	ppbv #	1
20) Methylene Chloride	4.35	84	182512	2.479	ppbv	96
23) Vinyl Acetate	5.08	43	9189	0.038	ppbv #	85
25) Ethyl Acetate	5.70	43	456267	1.271	ppbv #	77
26) Hexane	5.70	57	619615	3.836	ppbv #	37
27) Carbon Disulfide	4.56	76	20012	0.125	ppbv #	40
29) Chloroform	5.76	83	29689	0.140	ppbv	92
34) 2-Butanone	5.26	43	90156	0.476	ppbv	94
36) Benzene	6.90	78	16776	0.069	ppbv	95
39) 1,2-Dichloropropane	7.19	63	953564	9.969	ppbv #	24
41) Tetrahydrofuran	6.09	42	4867	0.043	ppbv #	23
51) 2-Hexanone	10.15	43	30145	0.136	ppbv #	29
52) Tetrachloroethene	11.24	164	20747	0.237	ppbv	91
53) Toluene	9.83	91	200348	0.737	ppbv	98
57) Chlorobenzene	12.18	112	24232	0.129	ppbv #	21
58) Ethyl Benzene	12.73	91	191089	0.523	ppbv	93
59) m/p-Xylene	12.99	91	319380	1.037	ppbv	96
60) o-Xylene	13.72	91	75840	0.261	ppbv #	47
62) Isopropylbenzene	14.70	105	37123	0.086	ppbv #	46
63) 1,1,2,2-Tetrachloroethane	13.70	83	74709	0.382	ppbv #	78
66) Benzyl Chloride	17.01	91	3013	0.034	ppbv #	1
67) sec-Butylbenzene	17.33	105	86121	0.175	ppbv	95
70) n-Butylbenzene	18.60	91	100620	0.260	ppbv	97
71) 2-Chlorotoluene	15.60	91	79603	0.245	ppbv	91
72) 4-Ethyltoluene	15.87	105	20325	0.065	ppbv #	1
73) 1,3,5-Trimethylbenzene	16.03	105	59611	0.199	ppbv	91
74) 1,2,4-Trimethylbenzene	16.80	105	140044	0.465	ppbv #	69

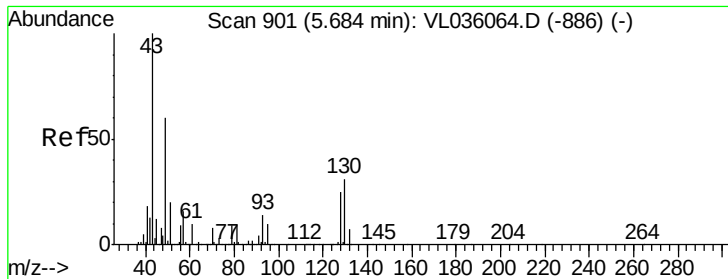
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Dec 07 16:56:49 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 900

Delta R.T. -0.00 min

Lab File: VL036187.D

Acq: 17 Dec 2020 4:25

Instrument :

MSVOA_L

ClientSampleId :

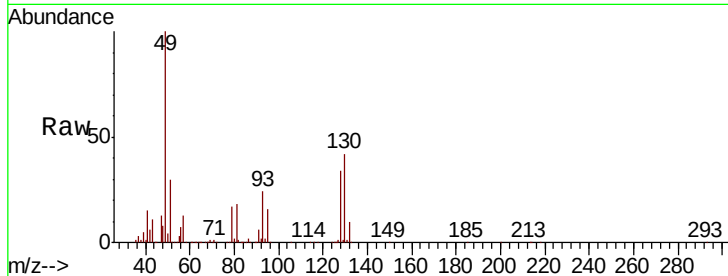
Tot Ion: 49 Resp: 1494647

Ion Ratio Lower Upper

49 100

128 35.6 21.1 63.1

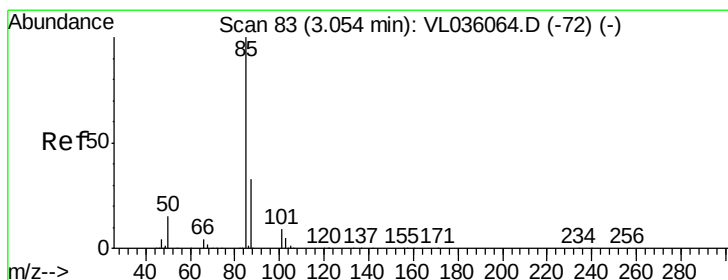
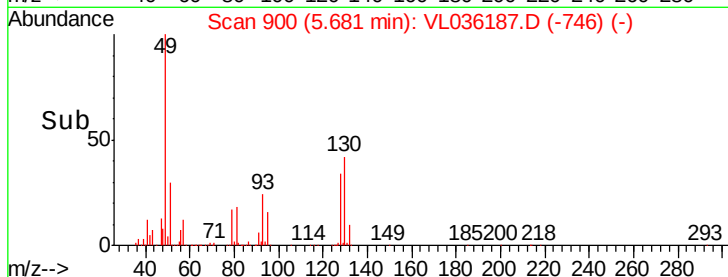
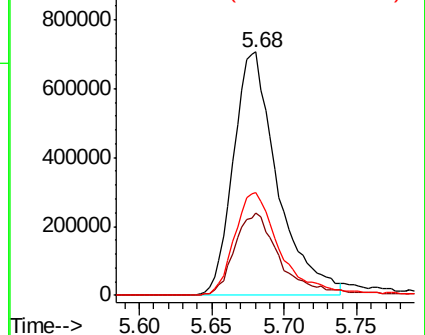
130 44.7 27.1 81.3



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: 0.099 ppbv

RT: 3.05 min Scan# 82

Delta R.T. -0.00 min

Lab File: VL036187.D

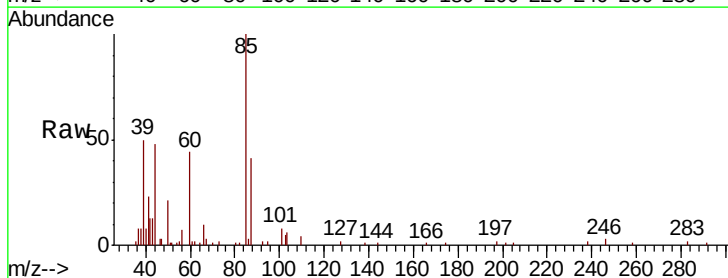
Acq: 17 Dec 2020 4:25

Tgt Ion: 85 Resp: 17313

Ion Ratio Lower Upper

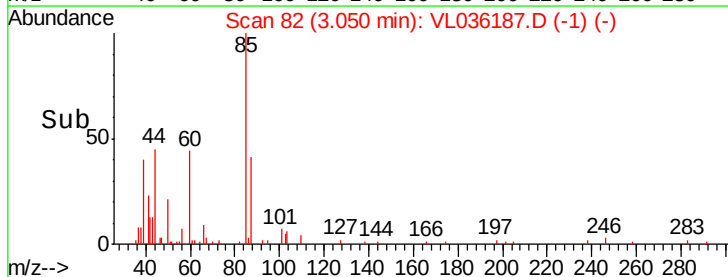
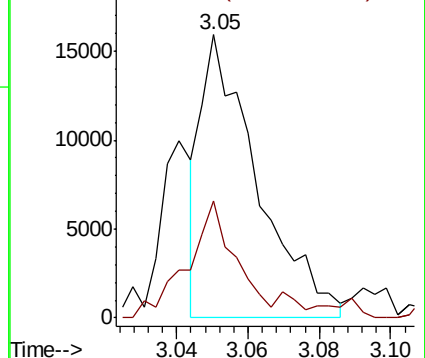
85 100

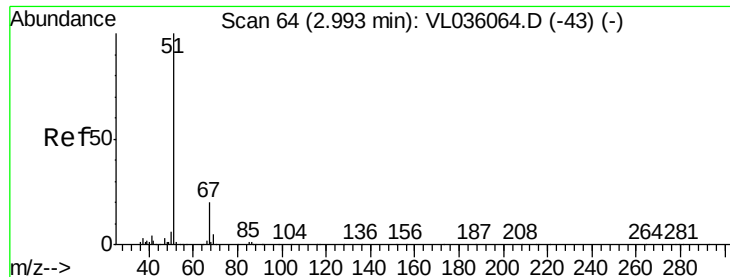
87 39.5 26.5 39.7



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.162 ppbv

RT: 2.99 min Scan# 63

Delta R.T. -0.00 min

Lab File: VL036187.D

Acq: 17 Dec 2020 4:25

Instrument :

MSVOA_L

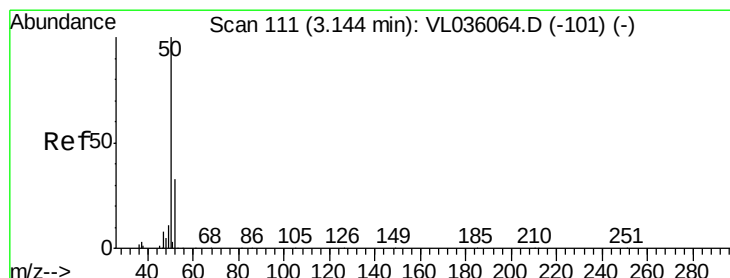
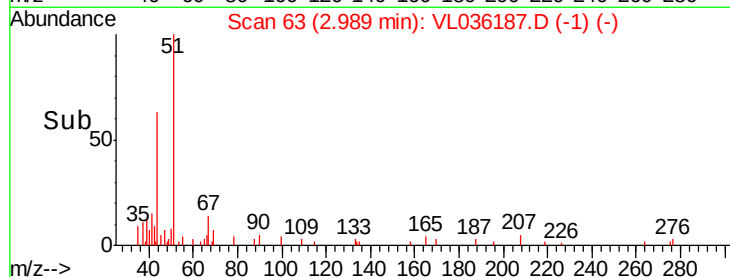
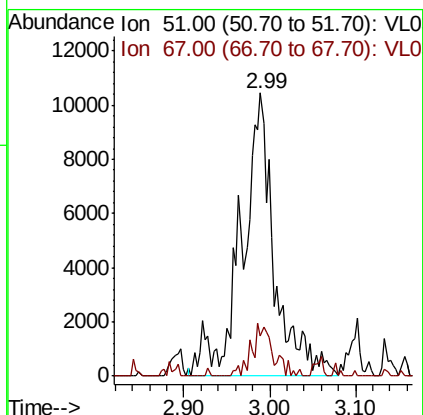
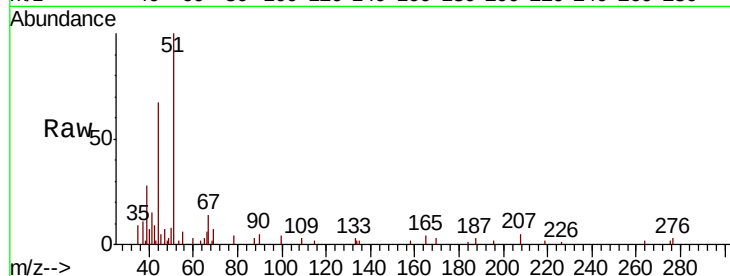
ClientSampleId :

Tot Ion: 51 Resp: 27642

Ion Ratio Lower Upper

51 100

67 11.7 14.3 21.5#



#4

Chloromethane

Concen: 0.030 ppbv

RT: 3.14 min Scan# 110

Delta R.T. -0.00 min

Lab File: VL036187.D

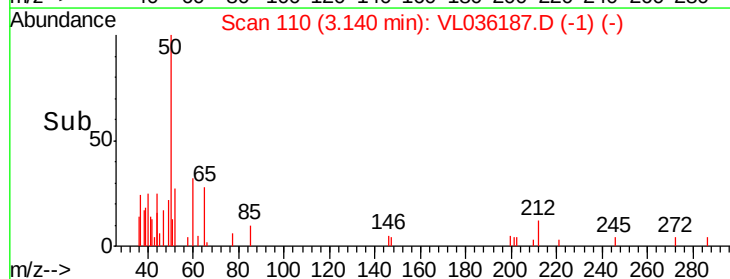
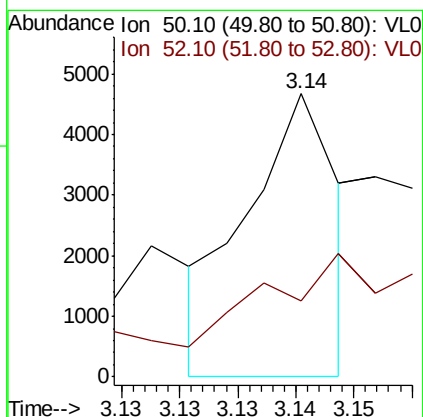
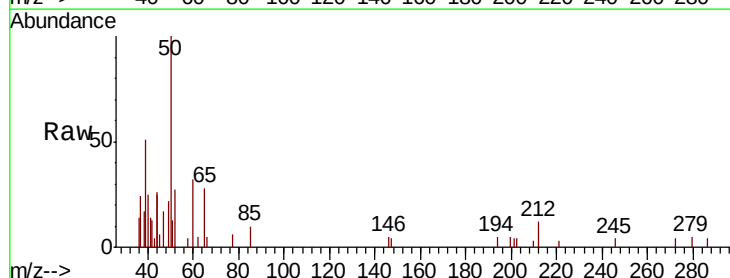
Acq: 17 Dec 2020 4:25

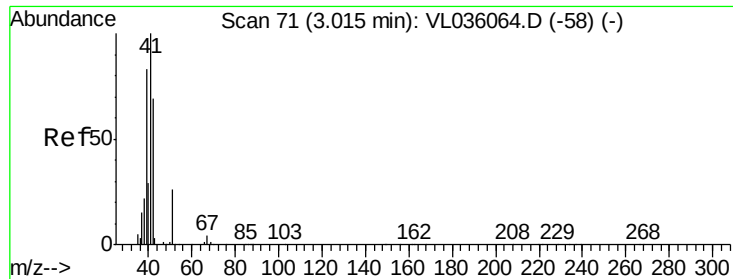
Tgt Ion: 50 Resp: 2533

Ion Ratio Lower Upper

50 100

52 27.4 26.1 39.1





#9

Propene

Concen: 0.156 ppbv

RT: 3.36 min Scan# 178

Delta R.T. 0.34 min

Lab File: VL036187.D

Acq: 17 Dec 2020 4:25

Instrument :

MSVOA_L

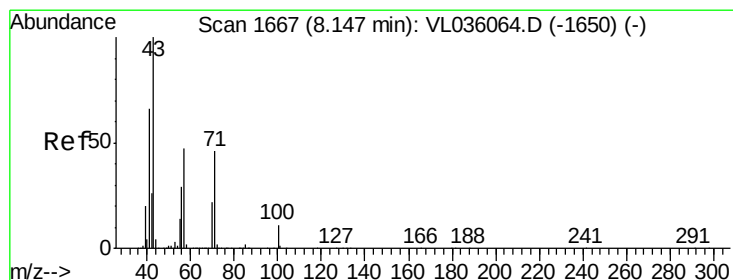
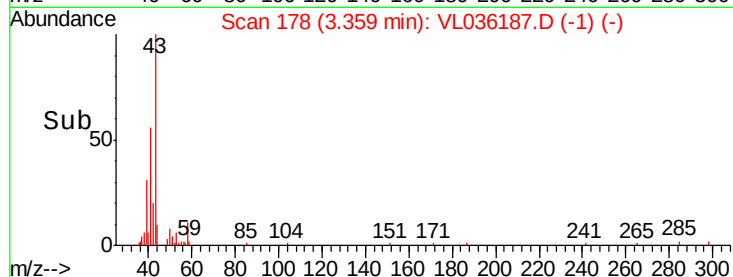
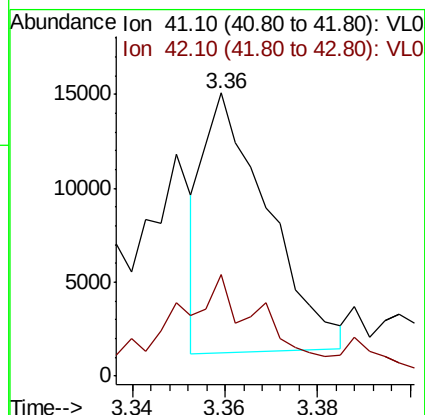
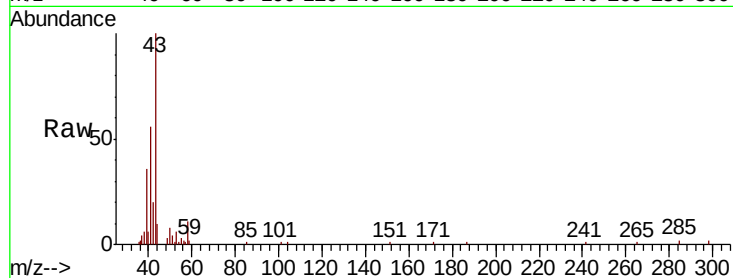
ClientSampleId :

Tot Ion: 41 Resp: 13293

Ion Ratio Lower Upper

41 100

42 79.5 57.0 85.6



#10

Heptane

Concen: 0.165 ppbv

RT: 8.14 min Scan# 1666

Delta R.T. -0.00 min

Lab File: VL036187.D

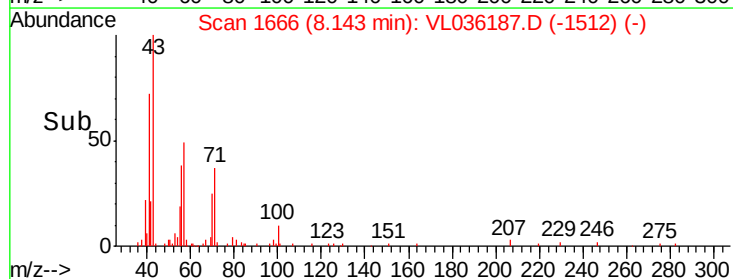
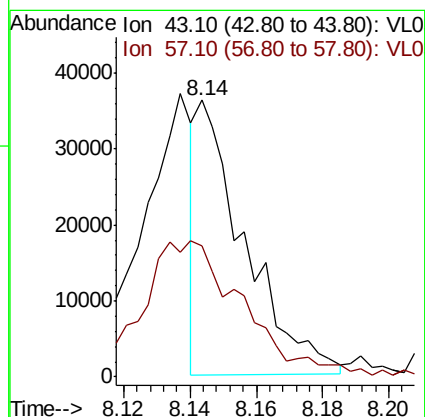
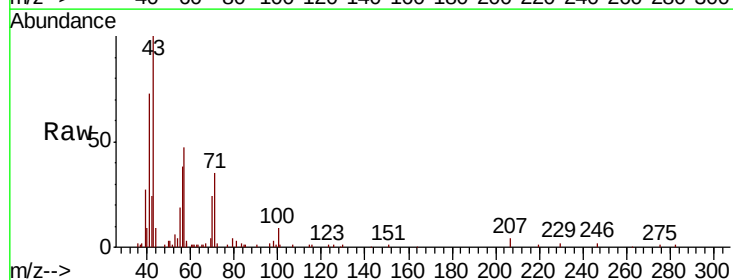
Acq: 17 Dec 2020 4:25

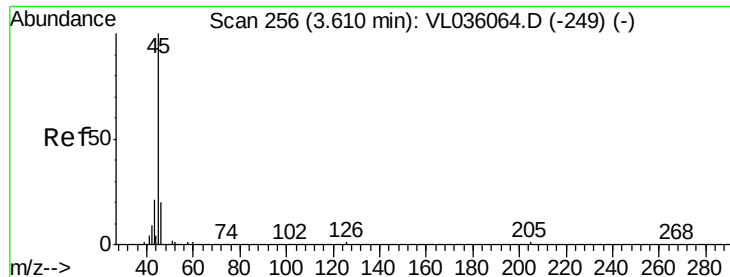
Tgt Ion: 43 Resp: 35994

Ion Ratio Lower Upper

43 100

57 0.0 37.9 56.9#





#13

Ethanol

Concen: 1.269 ppbv

RT: 3.60 min Scan# 254

Delta R.T. -0.01 min

Lab File: VL036187.D

Acq: 17 Dec 2020 4:25

Instrument :

MSVOA_L

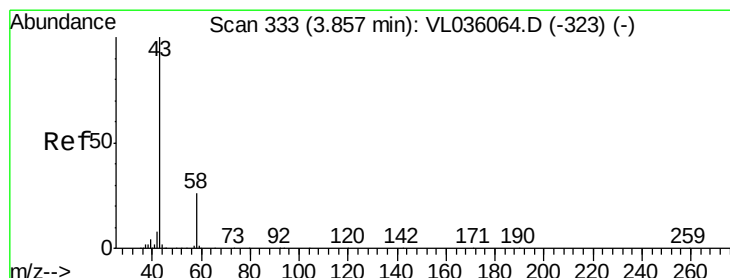
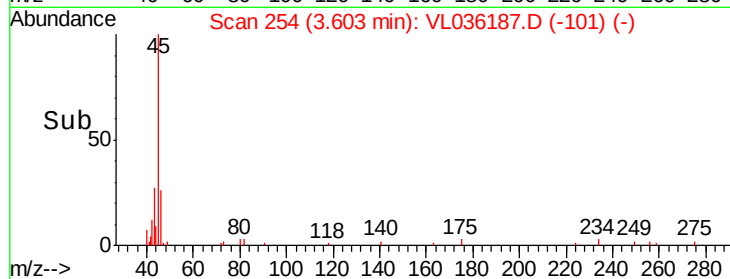
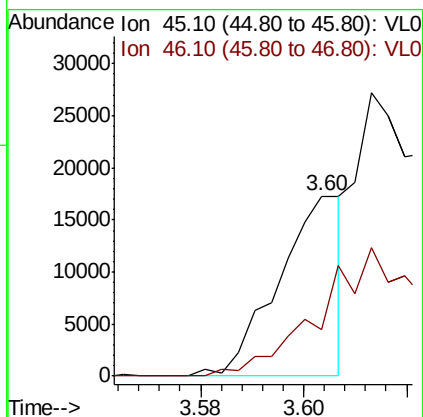
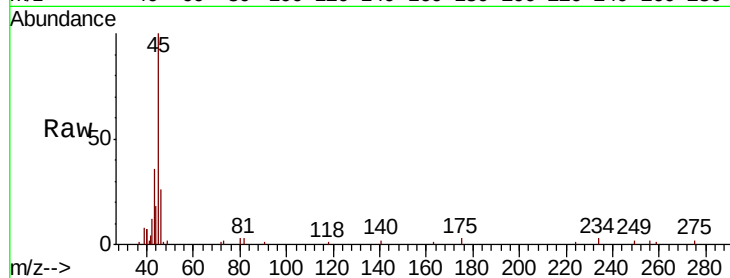
ClientSampleId :

Tot Ion: 45 Resp: 14941

Ion Ratio Lower Upper

45 100

46 0.0 19.0 75.8#



#15

Acetone

Concen: 3.412 ppbv

RT: 3.85 min Scan# 332

Delta R.T. -0.00 min

Lab File: VL036187.D

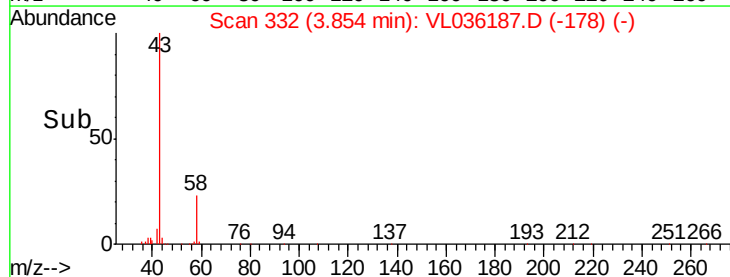
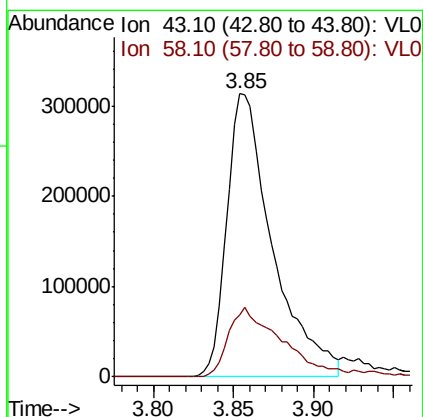
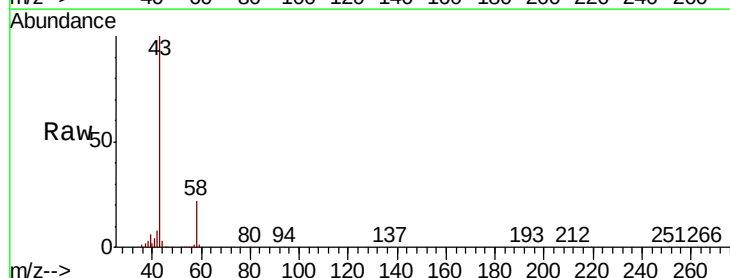
Acq: 17 Dec 2020 4:25

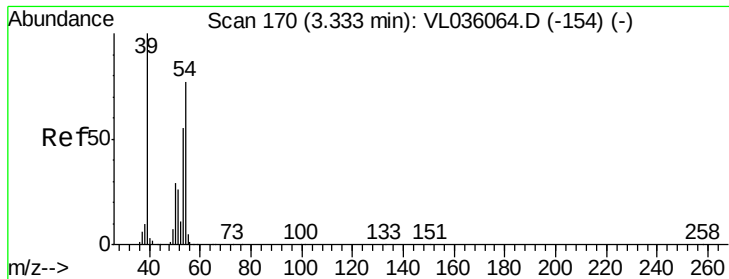
Tgt Ion: 43 Resp: 612867

Ion Ratio Lower Upper

43 100

58 31.0 20.9 31.3

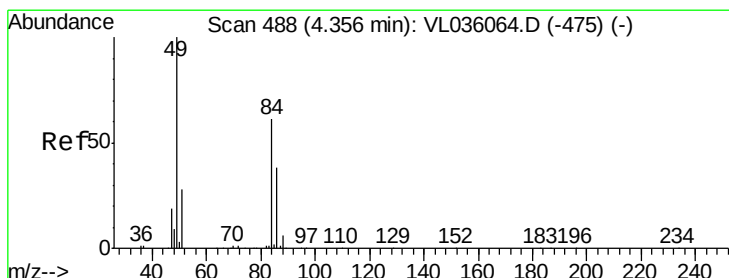
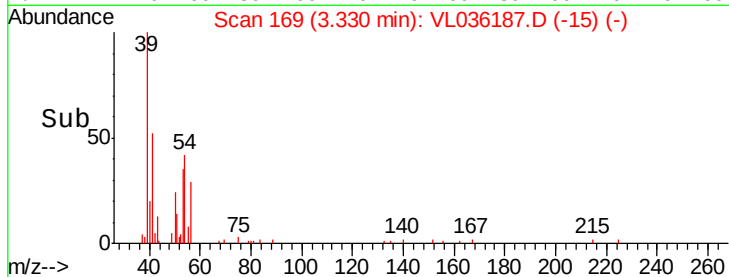
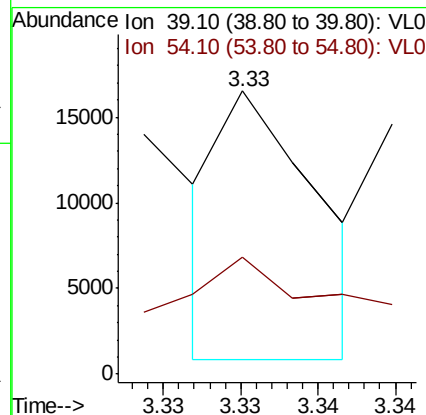
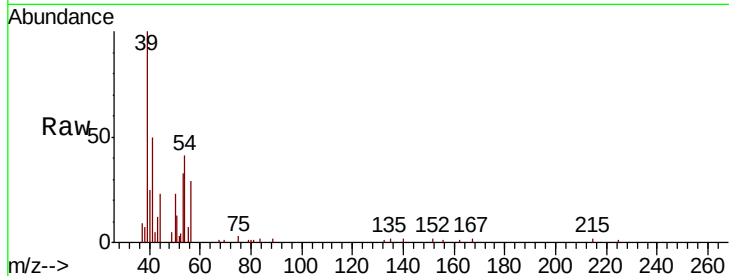




#16
 1,3-Butadiene
 Concen: 0.075 ppbv
 RT: 3.33 min Scan# 169
 Delta R.T. -0.00 min
 Lab File: VL036187.D
 Acq: 17 Dec 2020 4:25

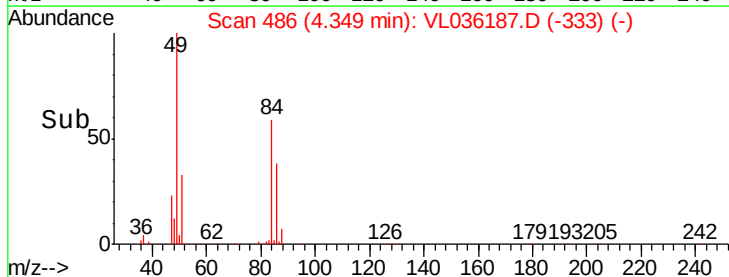
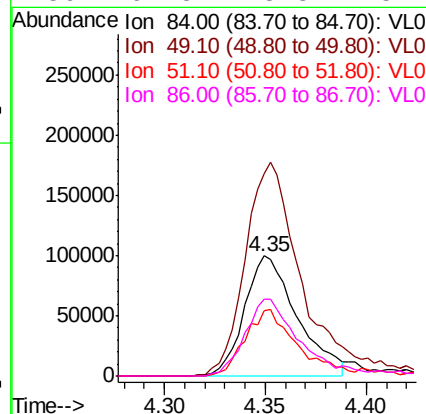
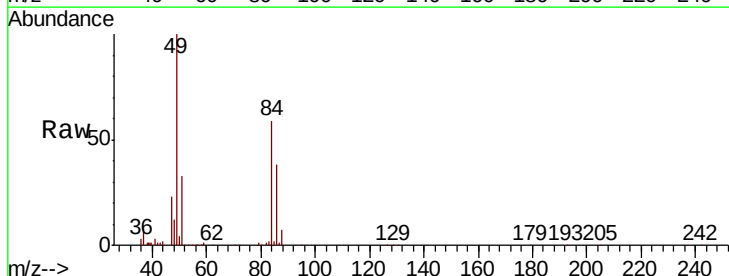
Instrument :
 MSVOA_L
 ClientSampleId :

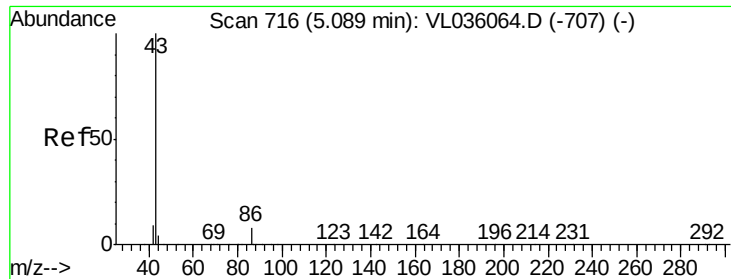
Tot Ion: 39 Resp: 6758
 Ion Ratio Lower Upper
 39 100
 54 186.3 62.1 93.1#



#20
 Methylene Chloride
 Concen: 2.479 ppbv
 RT: 4.35 min Scan# 486
 Delta R.T. -0.01 min
 Lab File: VL036187.D
 Acq: 17 Dec 2020 4:25

Tgt Ion: 84 Resp: 182512
 Ion Ratio Lower Upper
 84 100
 49 168.5 133.0 199.4
 51 55.0 38.9 58.3
 86 64.3 48.8 73.2





#23

Vinyl Acetate

Concen: 0.038 ppbv

RT: 5.08 min Scan# 713

Delta R.T. -0.01 min

Lab File: VL036187.D

Acq: 17 Dec 2020 4:25

Instrument :

MSVOA_L

ClientSampleId :

Tot Ion: 43 Resp: 9189

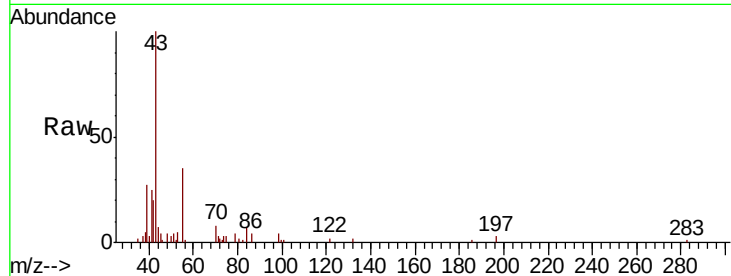
Ion Ratio Lower Upper

43 100

86 7.3 5.0 7.4

42 1.0 7.8 11.6#

44 0.0 3.2 4.8#

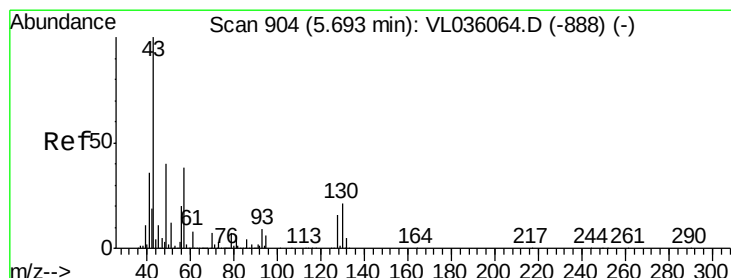
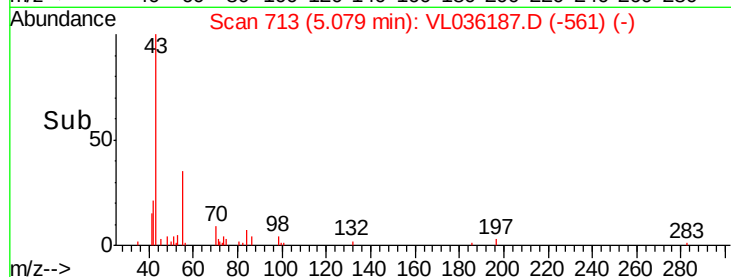
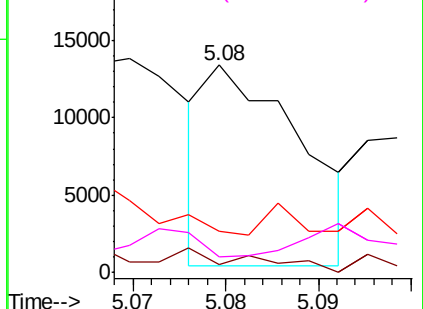


Abundance Ion 43.10 (42.80 to 43.80): VL0

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: 1.271 ppbv

RT: 5.70 min Scan# 906

Delta R.T. 0.01 min

Lab File: VL036187.D

Acq: 17 Dec 2020 4:25

Tgt Ion: 43 Resp: 456267

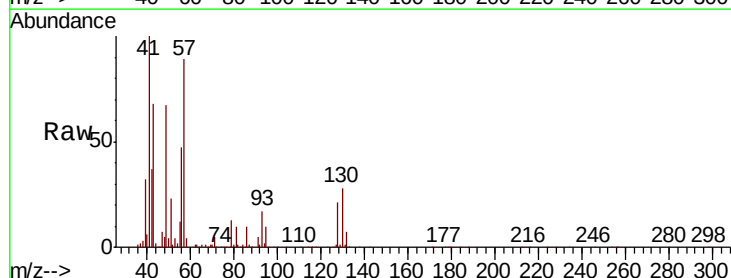
Ion Ratio Lower Upper

43 100

45 0.6 8.2 12.4#

61 0.2 7.4 11.2#

70 1.6 5.4 8.0#

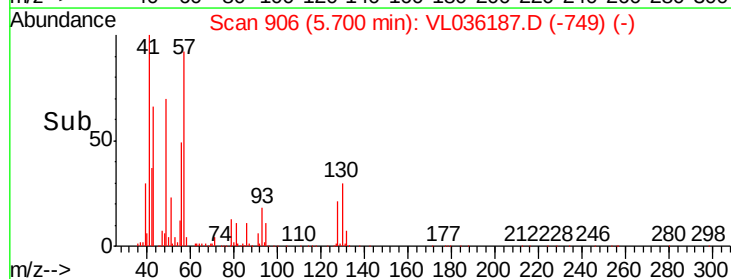
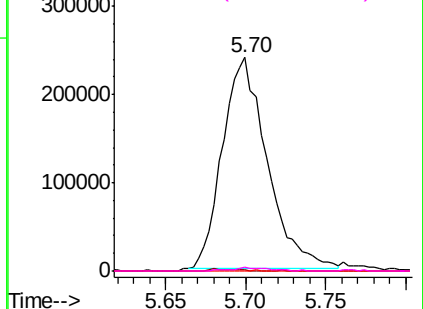


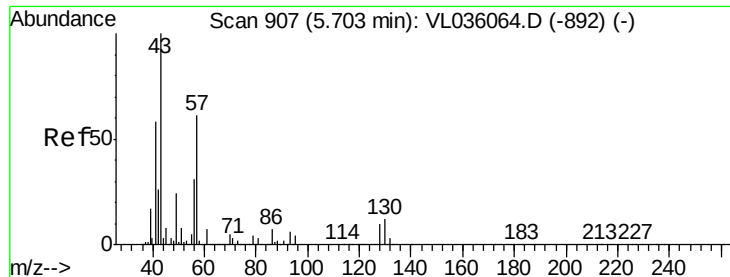
Abundance Ion 43.10 (42.80 to 43.80): VL0

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

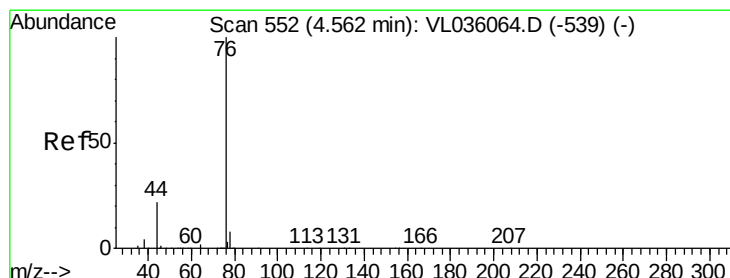
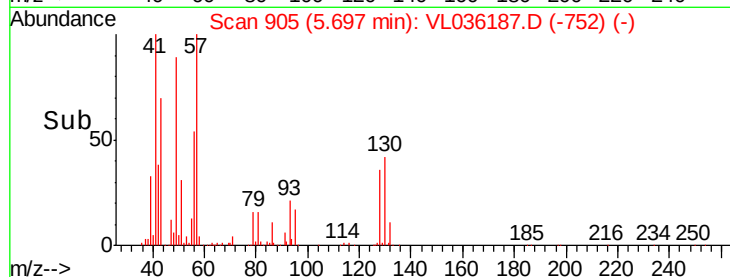
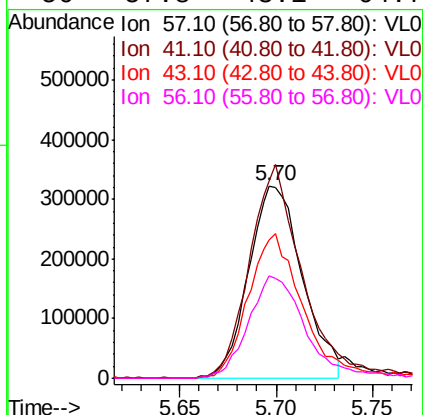
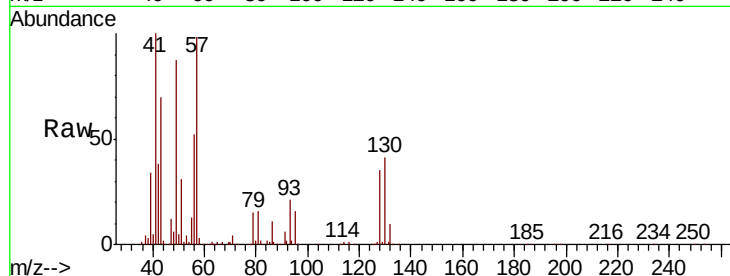




#26
Hexane
Concen: 3.836 ppbv
RT: 5.70 min Scan# 905
Delta R.T. -0.01 min
Lab File: VL036187.D
Acq: 17 Dec 2020 4:25

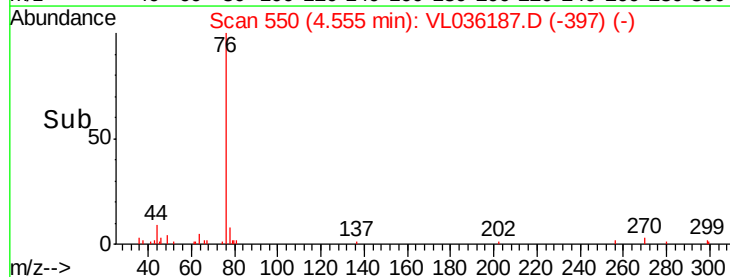
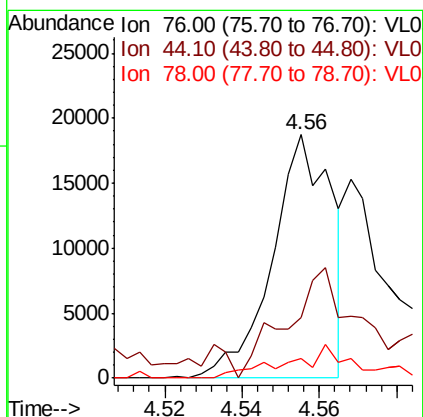
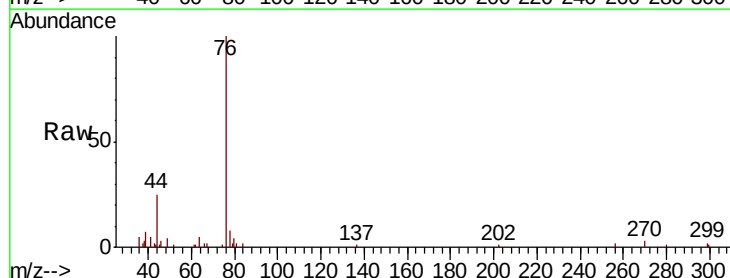
Instrument :
MSVOA_L
ClientSampleId :

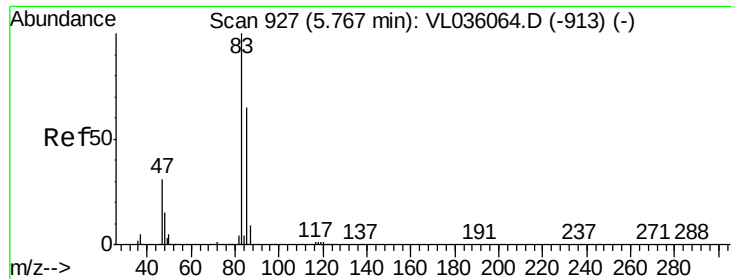
Tot Ion	Ion	Ratio	Lower	Upper
57	100			
41	111.7	82.9	124.3	
43	78.2	199.9	299.9#	
56	57.8	43.1	64.7	



#27
Carbon Disulfide
Concen: 0.125 ppbv
RT: 4.56 min Scan# 550
Delta R.T. -0.01 min
Lab File: VL036187.D
Acq: 17 Dec 2020 4:25

Tgt Ion	Ion	Ratio	Lower	Upper
76	100			
44	58.5	17.9	26.9#	
78	19.7	7.8	11.8#	





#29

Chloroform

Concen: 0.140 ppbv

RT: 5.76 min Scan# 924

Delta R.T. -0.01 min

Lab File: VL036187.D

Acq: 17 Dec 2020 4:25

Instrument :

MSVOA_L

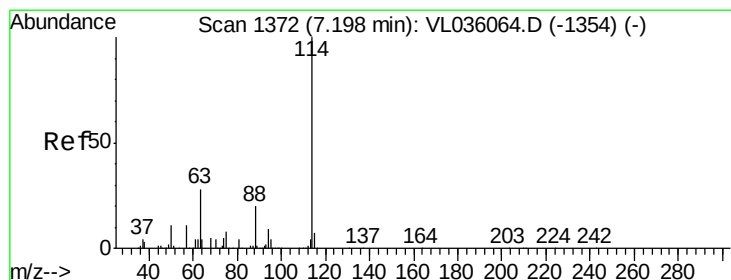
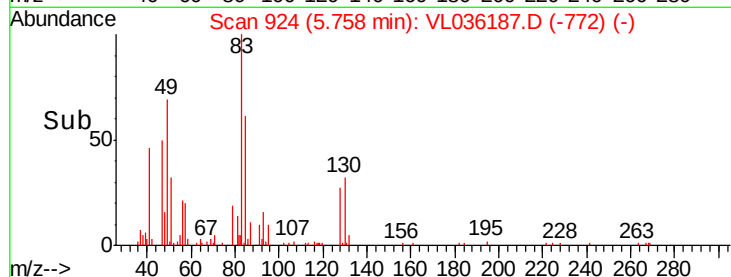
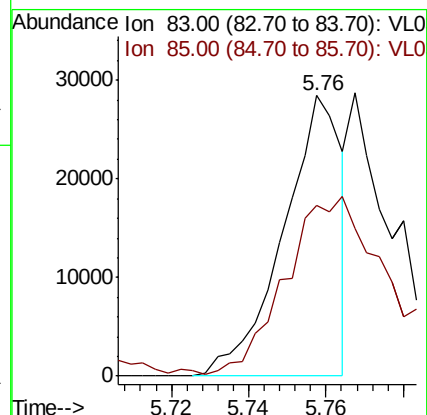
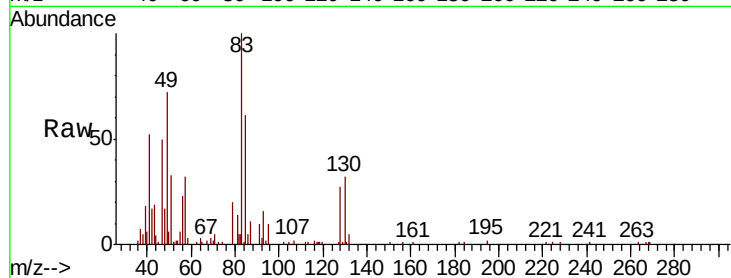
ClientSampleId :

Tot Ion: 83 Resp: 29689

Ion Ratio Lower Upper

83 100

85 58.6 51.8 77.6



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.19 min Scan# 1370

Delta R.T. -0.01 min

Lab File: VL036187.D

Acq: 17 Dec 2020 4:25

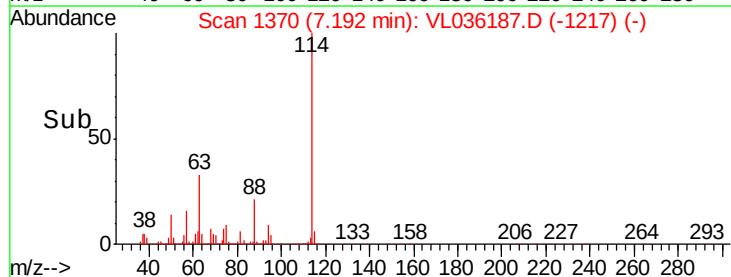
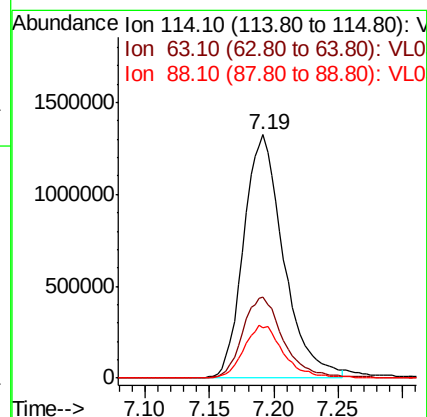
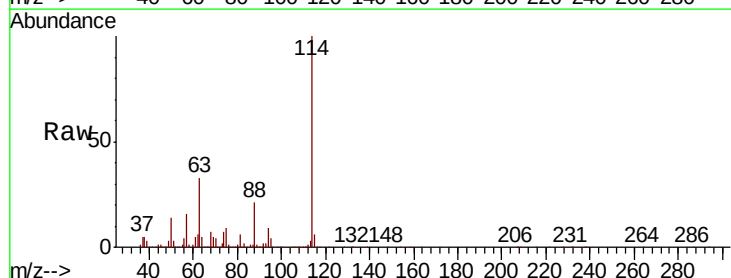
Tgt Ion: 114 Resp: 2857978

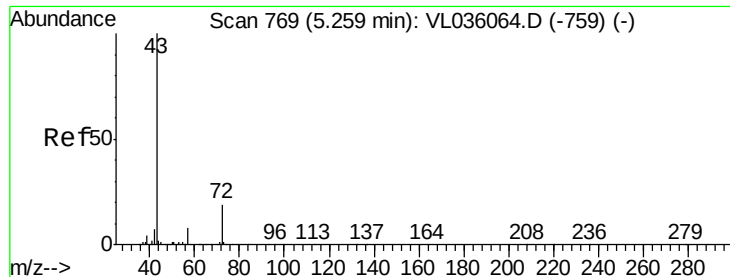
Ion Ratio Lower Upper

114 100

63 34.4 23.6 35.4

88 21.8 15.8 23.6

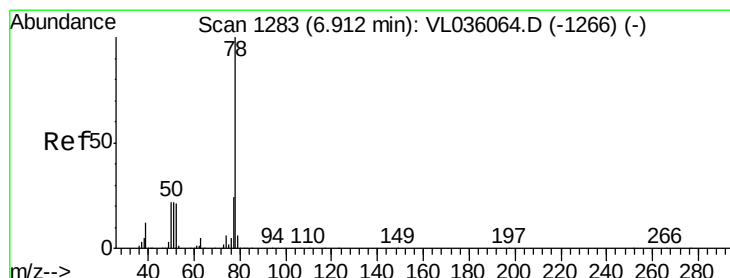
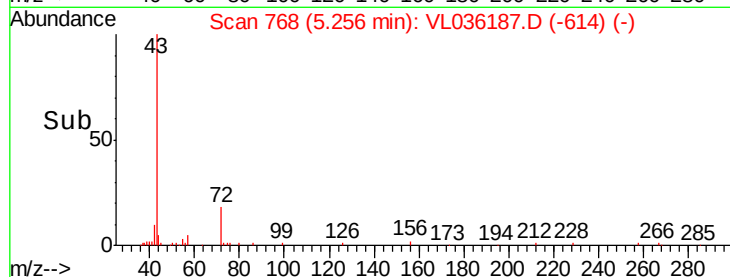
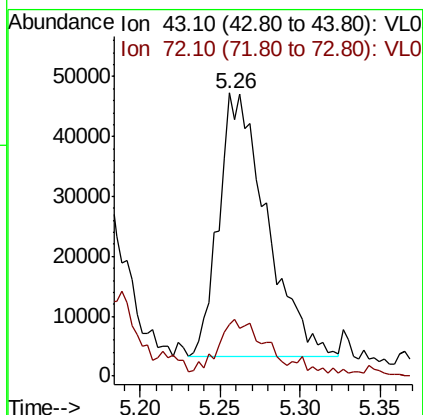
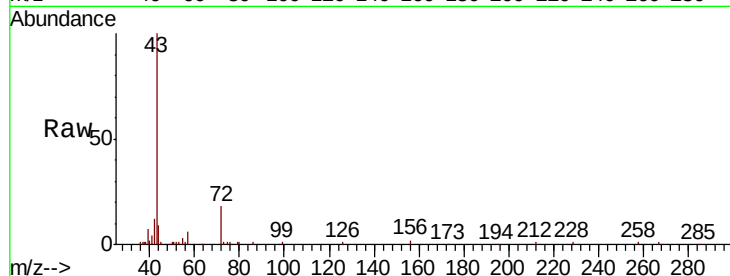




#34
2-Butanone
Concen: 0.476 ppbv
RT: 5.26 min Scan# 768
Delta R.T. -0.00 min
Lab File: VL036187.D
Acq: 17 Dec 2020 4:25

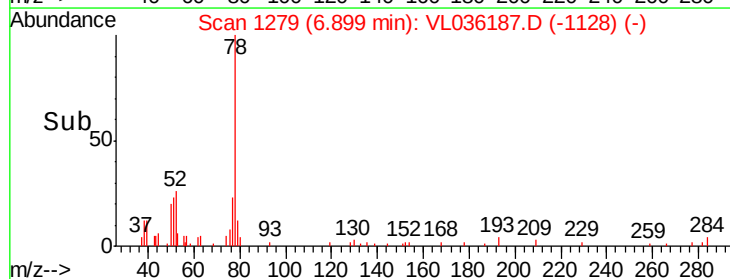
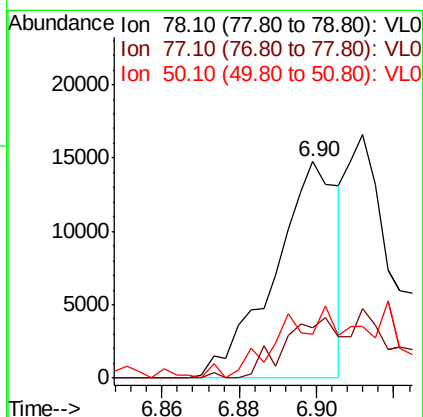
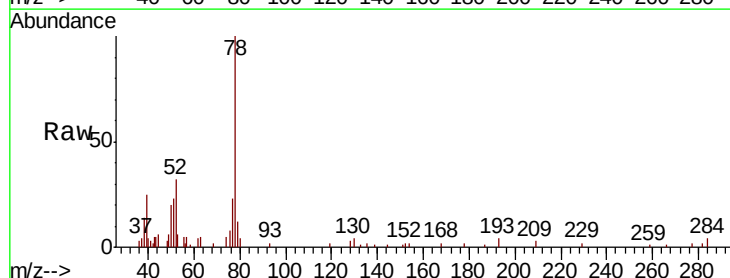
Instrument :
MSVOA_L
ClientSampleId :

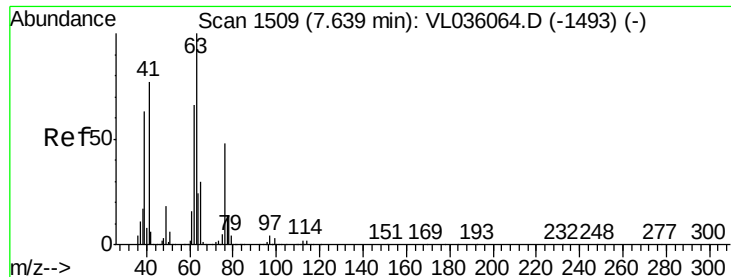
Tot Ion: 43 Resp: 90156
Ion Ratio Lower Upper
43 100
72 23.4 16.5 24.7



#36
Benzene
Concen: 0.069 ppbv
RT: 6.90 min Scan# 1279
Delta R.T. -0.01 min
Lab File: VL036187.D
Acq: 17 Dec 2020 4:25

Tgt Ion: 78 Resp: 16776
Ion Ratio Lower Upper
78 100
77 23.1 19.4 29.2
50 19.0 17.8 26.8





#39

1,2-Dichloropropane

Concen: 9.969 ppbv

RT: 7.19 min Scan# 1370

Delta R.T. -0.45 min

Lab File: VL036187.D

Acq: 17 Dec 2020 4:25

Instrument :

MSVOA_L

ClientSampleId :

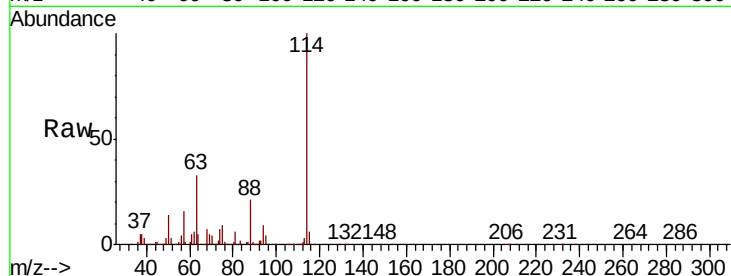
Tot Ion: 63 Resp: 953564

Ion Ratio Lower Upper

63 100

41 0.0 61.9 92.9#

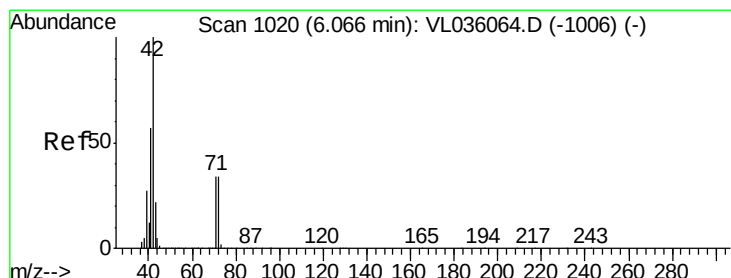
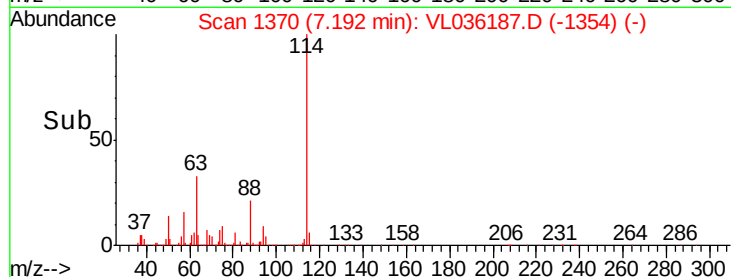
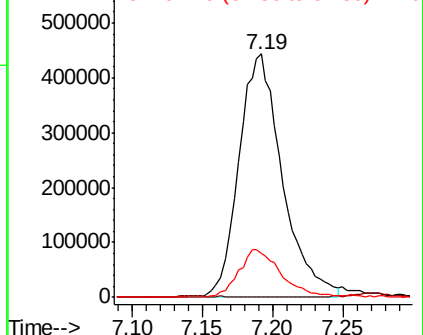
62 17.9 52.5 78.7#



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



#41

Tetrahydrofuran

Concen: 0.043 ppbv

RT: 6.09 min Scan# 1026

Delta R.T. 0.02 min

Lab File: VL036187.D

Acq: 17 Dec 2020 4:25

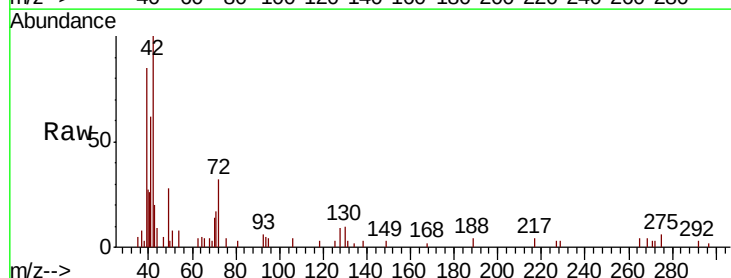
Tgt Ion: 42 Resp: 4867

Ion Ratio Lower Upper

42 100

72 90.0 28.3 42.5#

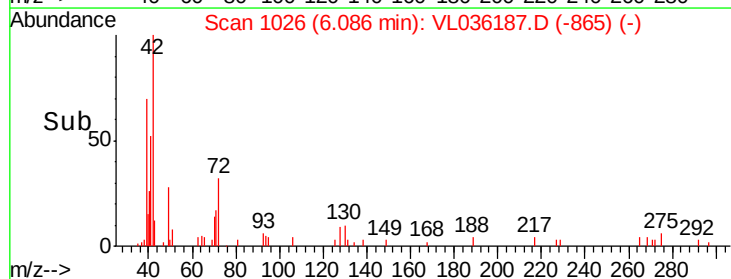
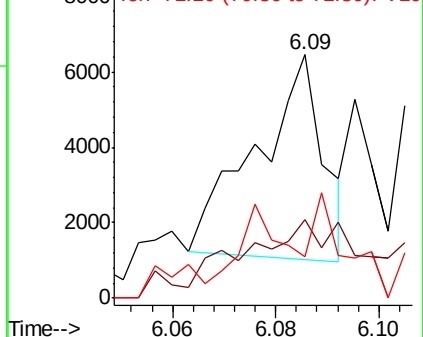
71 68.7 27.3 40.9#

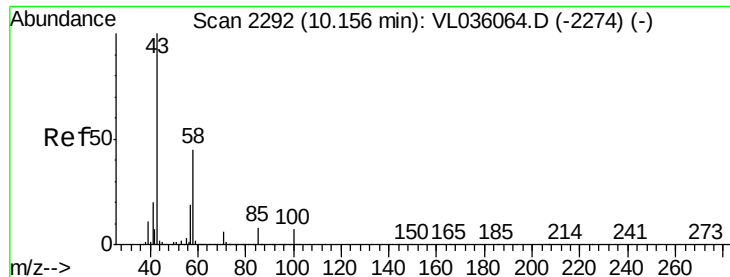


Abundance Ion 42.10 (41.80 to 42.80): VL0

Ion 72.10 (71.80 to 72.80): VL0

Ion 71.10 (70.80 to 71.80): VL0

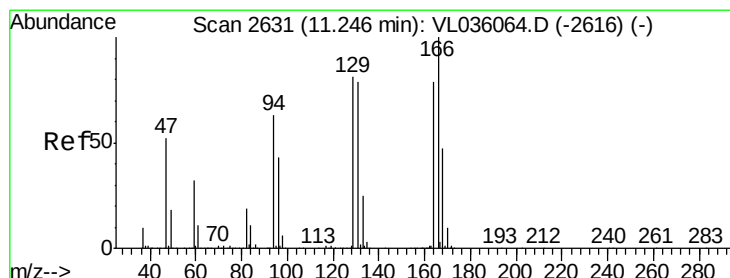
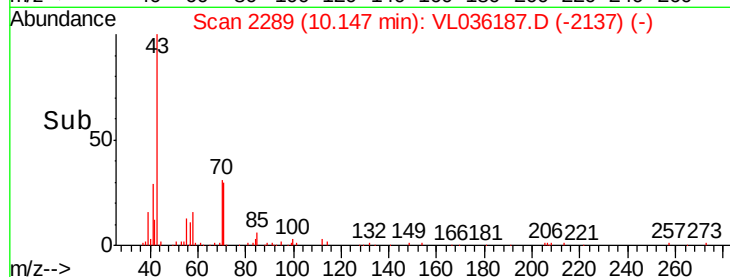
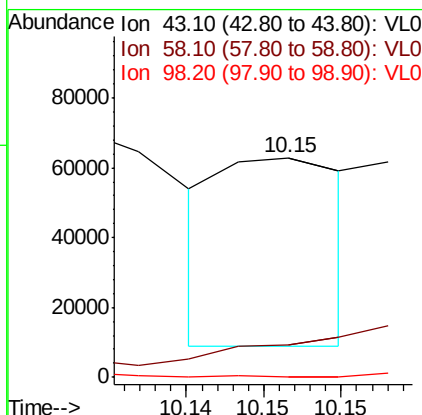
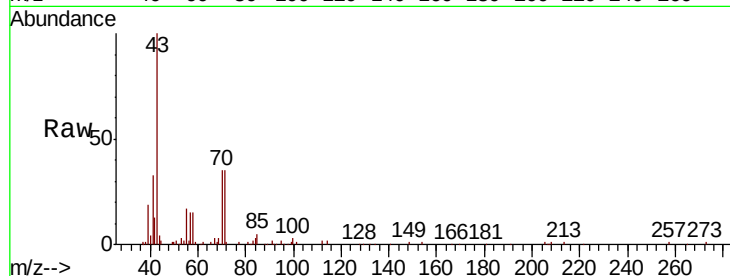




#51
2-Hexanone
Concen: 0.136 ppbv
RT: 10.15 min Scan# 2289
Delta R.T. -0.01 min
Lab File: VL036187.D
Acq: 17 Dec 2020 4:25

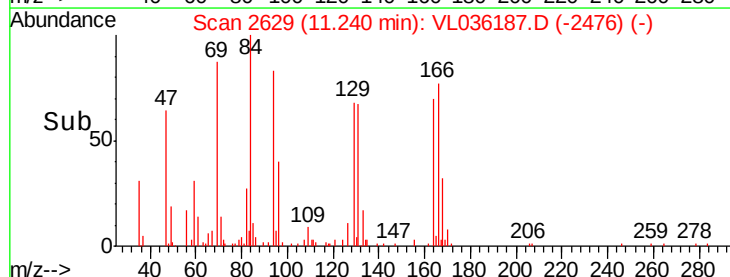
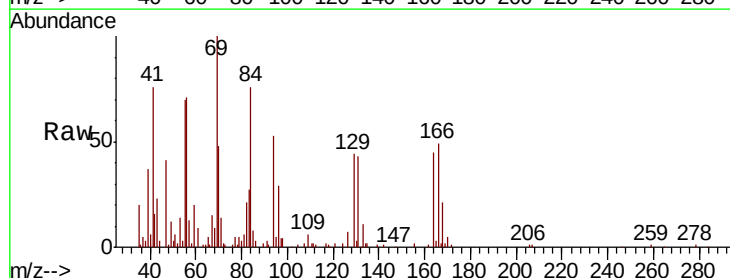
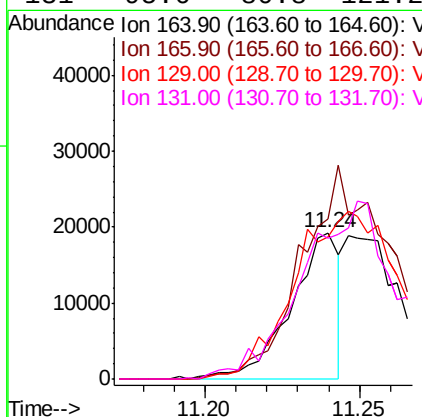
Instrument :
MSVOA_L
ClientSampleId :

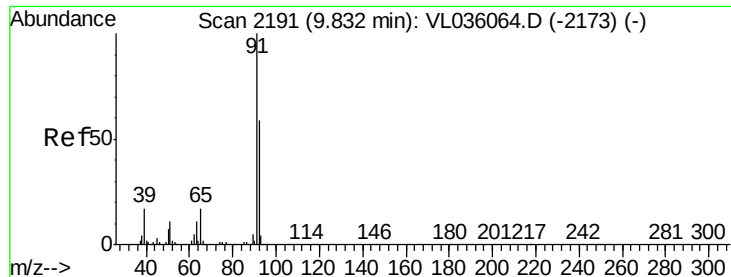
Tot Ion: 43 Resp: 30145
Ion Ratio Lower Upper
43 100
58 0.0 38.7 58.1#
98 0.0 0.1 0.1#



#52
Tetrachloroethene
Concen: 0.237 ppbv
RT: 11.24 min Scan# 2629
Delta R.T. -0.01 min
Lab File: VL036187.D
Acq: 17 Dec 2020 4:25

Tgt Ion: 164 Resp: 20747
Ion Ratio Lower Upper
164 100
166 109.9 101.9 152.9
129 97.3 82.1 123.1
131 95.6 80.8 121.2





#53

Toluene

Concen: 0.737 ppbv

RT: 9.83 min Scan# 2190

Delta R.T. -0.00 min

Lab File: VL036187.D

Acq: 17 Dec 2020 4:25

Instrument :

MSVOA_L

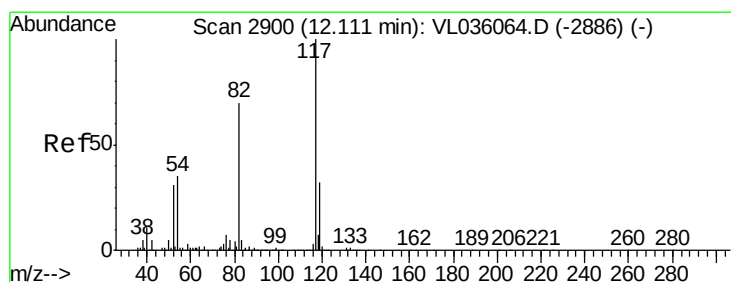
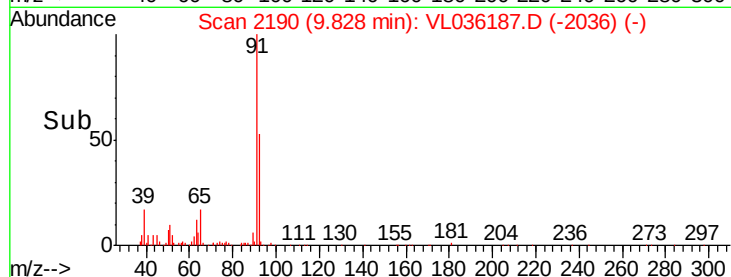
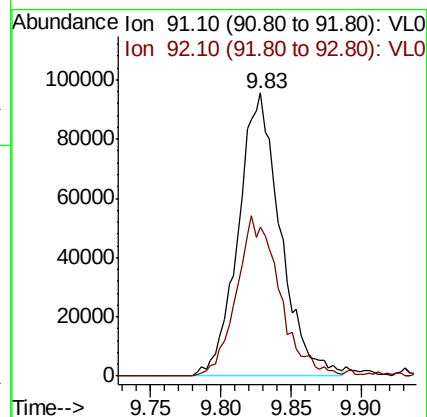
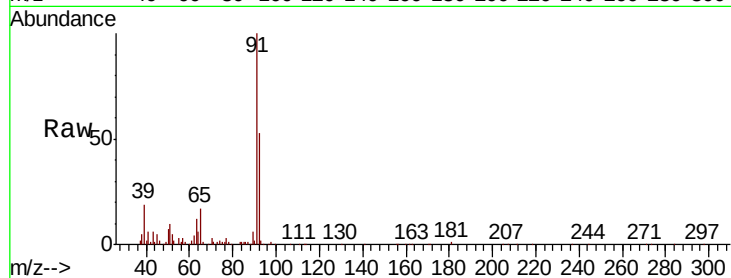
ClientSampleId :

Tot Ion: 91 Resp: 200348

Ion Ratio Lower Upper

91 100

92 58.9 48.2 72.2



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.11 min Scan# 2900

Delta R.T. -0.00 min

Lab File: VL036187.D

Acq: 17 Dec 2020 4:25

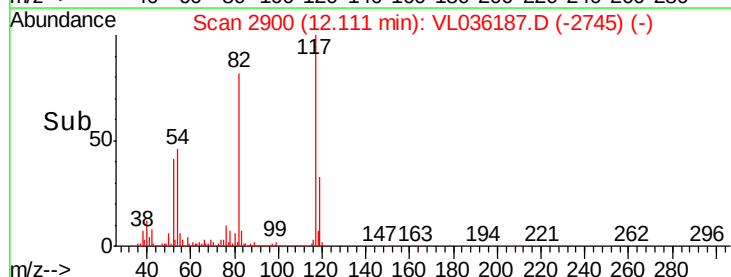
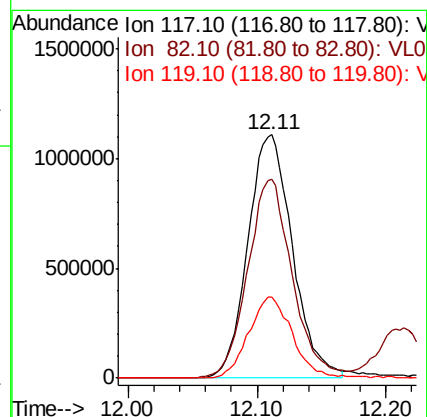
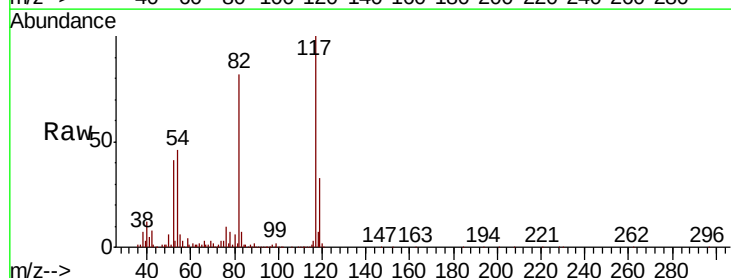
Tgt Ion: 117 Resp: 2667048

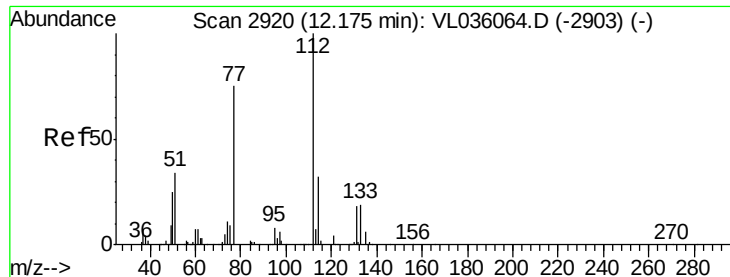
Ion Ratio Lower Upper

117 100

82 81.7 0.0 0.0#

119 33.0 0.0 0.0#

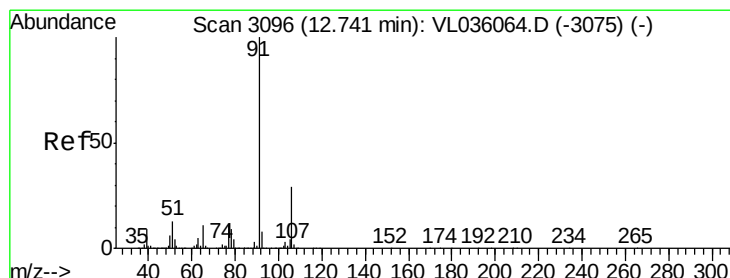
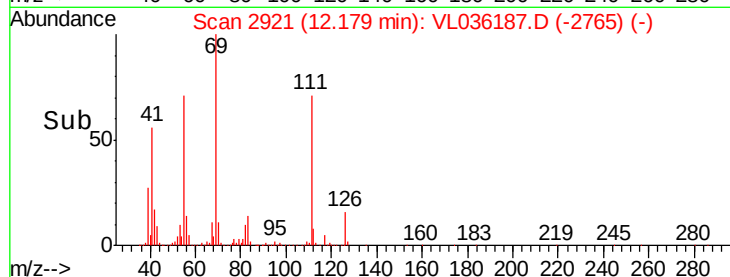
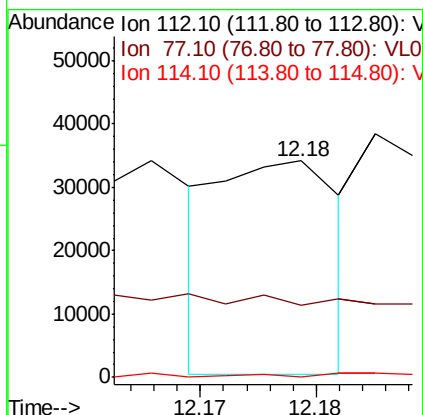
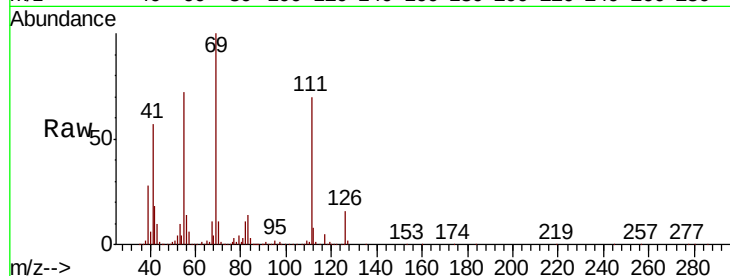




#57
Chlorobenzene
Concen: 0.129 ppbv
RT: 12.18 min Scan# 2921
Delta R.T. 0.00 min
Lab File: VL036187.D
Acq: 17 Dec 2020 4:25

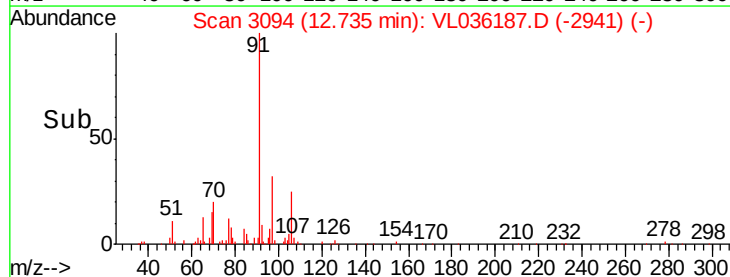
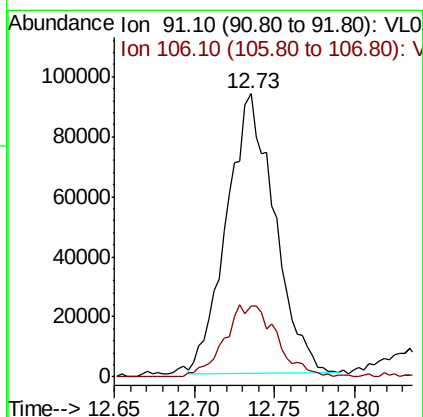
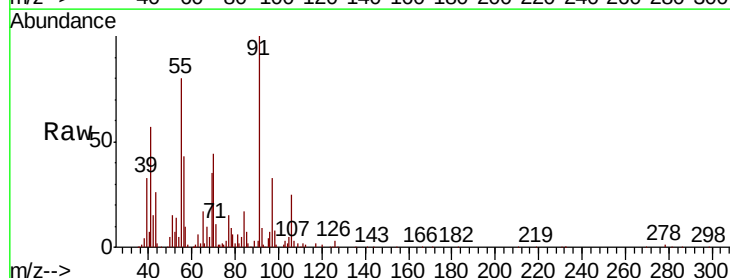
Instrument :
MSVOA_L
ClientSampled :

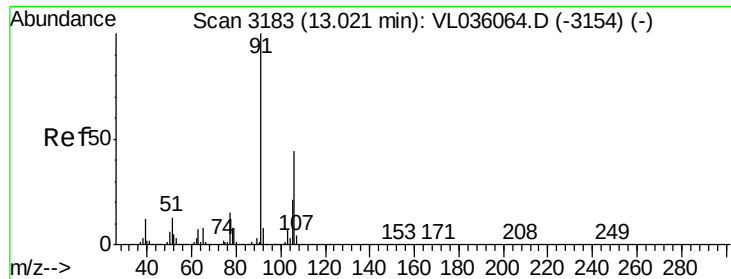
Tot Ion:112 Resp: 24232
Ion Ratio Lower Upper
112 100
77 0.0 60.5 90.7#
114 0.0 29.2 35.6#



#58
Ethyl Benzene
Concen: 0.523 ppbv
RT: 12.73 min Scan# 3094
Delta R.T. -0.01 min
Lab File: VL036187.D
Acq: 17 Dec 2020 4:25

Tgt Ion: 91 Resp: 191089
Ion Ratio Lower Upper
91 100
106 24.8 23.0 34.4





#59

m/p-Xylene

Concen: 1.037 ppbv

RT: 12.99 min Scan# 3173

Delta R.T. -0.03 min

Lab File: VL036187.D

Acq: 17 Dec 2020 4:25

Instrument :

MSVOA_L

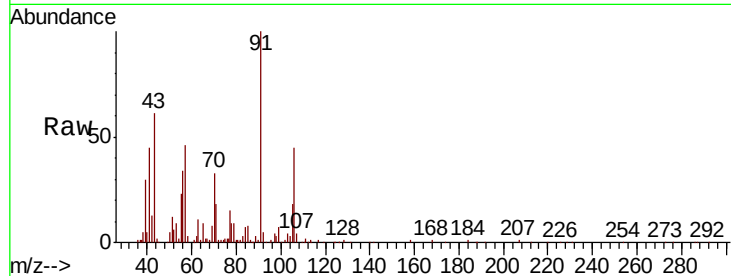
ClientSampled :

Tot Ion: 91 Resp: 319380

Ion Ratio Lower Upper

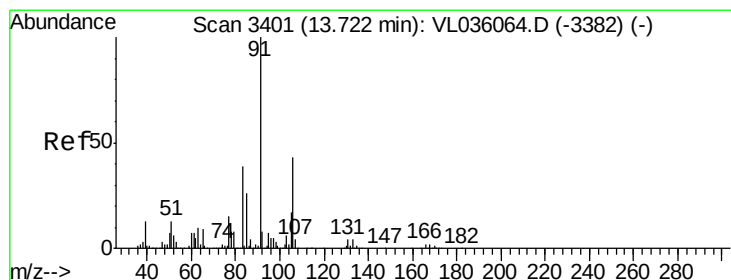
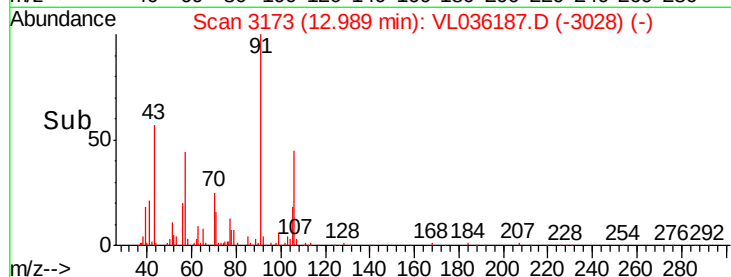
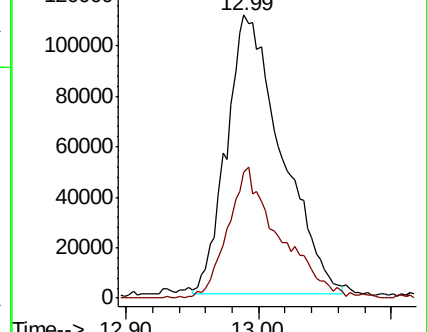
91 100

106 44.8 33.6 50.4



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V



#60

o-Xylene

Concen: 0.261 ppbv

RT: 13.72 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VL036187.D

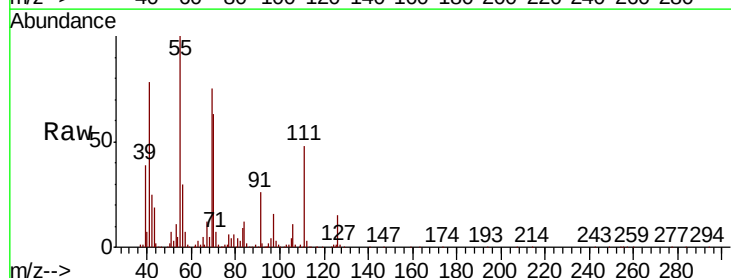
Acq: 17 Dec 2020 4:25

Tgt Ion: 91 Resp: 75840

Ion Ratio Lower Upper

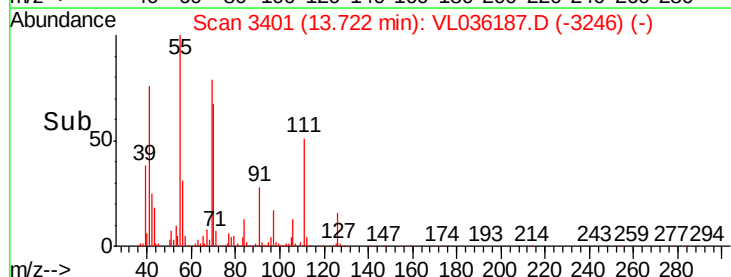
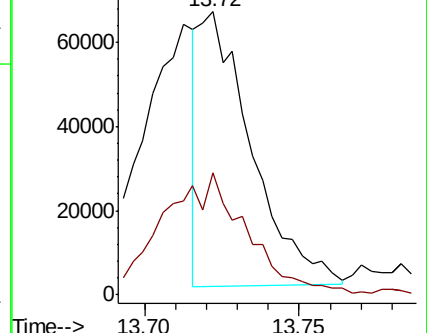
91 100

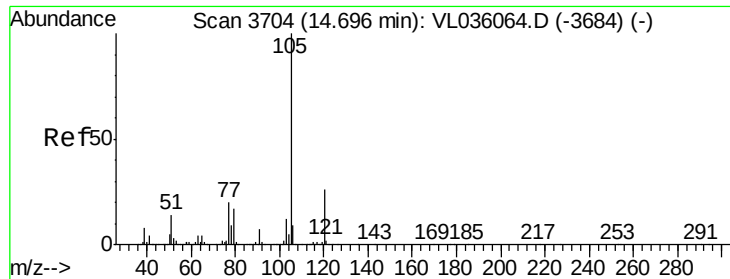
106 77.4 21.6 64.6#



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V





#62

Isopropylbenzene

Concen: 0.086 ppbv

RT: 14.70 min Scan# 3706

Delta R.T. 0.01 min

Lab File: VL036187.D

Acq: 17 Dec 2020 4:25

Instrument :

MSVOA_L

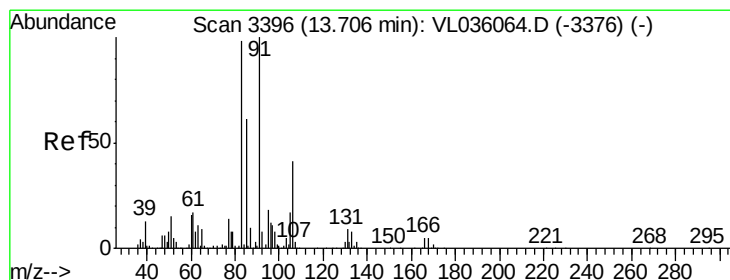
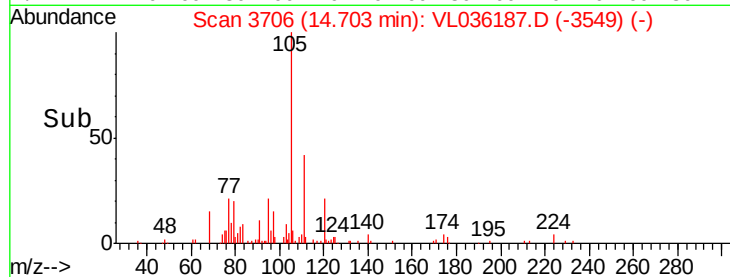
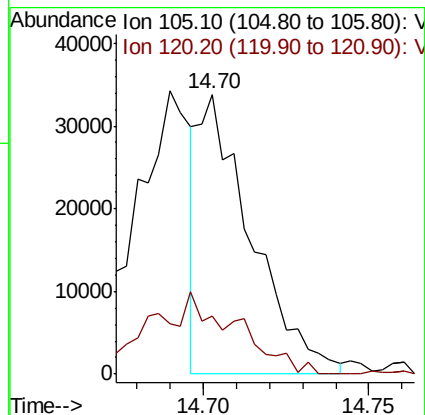
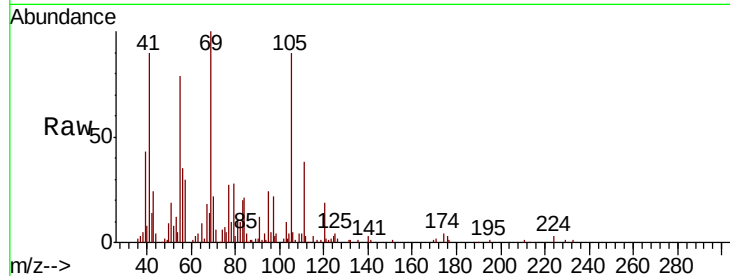
ClientSampleId :

Tot Ion:105 Resp: 37123

Ion Ratio Lower Upper

105 100

120 52.4 20.1 30.1#



#63

1,1,2,2-Tetrachloroethane

Concen: 0.382 ppbv

RT: 13.70 min Scan# 3395

Delta R.T. -0.00 min

Lab File: VL036187.D

Acq: 17 Dec 2020 4:25

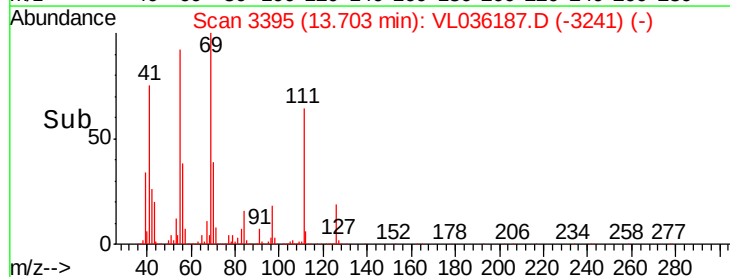
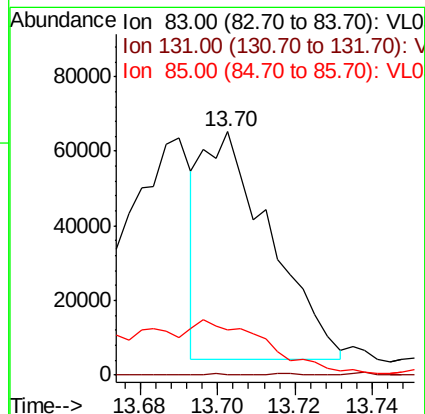
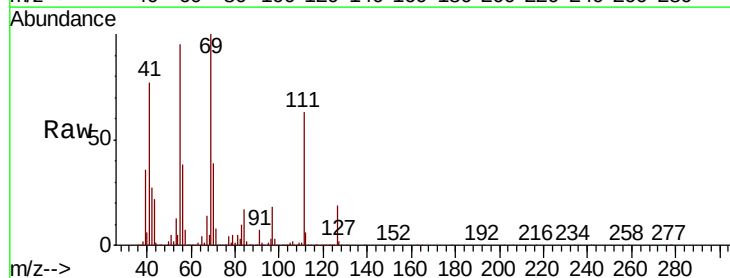
Tgt Ion: 83 Resp: 74709

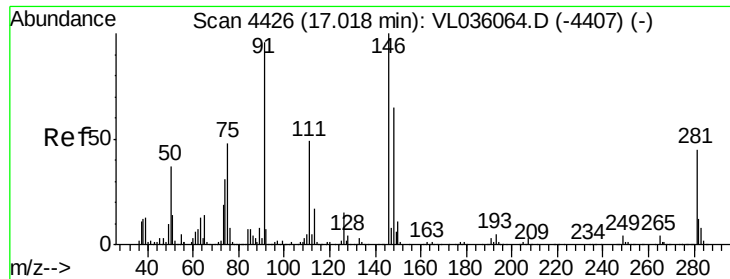
Ion Ratio Lower Upper

83 100

131 0.6 4.6 13.8#

85 48.1 32.5 97.5





#66

Benzyl Chloride

Concen: 0.034 ppbv

RT: 17.01 min Scan# 4425

Delta R.T. -0.00 min

Lab File: VL036187.D

Acq: 17 Dec 2020 4:25

Instrument :

MSVOA_L

ClientSampled :

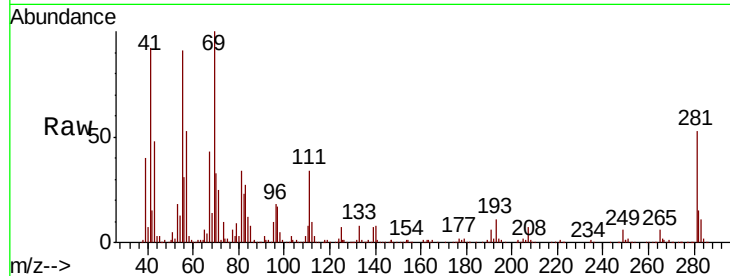
Tot Ion: 91 Resp: 3013

Ion Ratio Lower Upper

91 100

126 236.5 13.5 20.3#

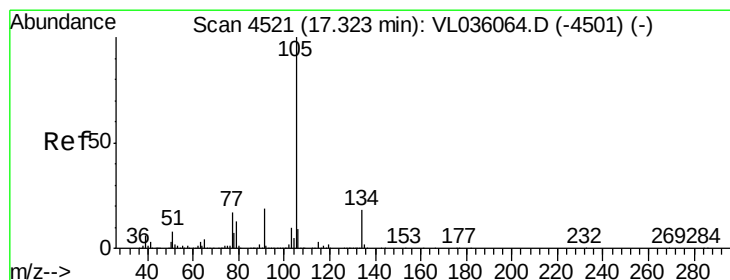
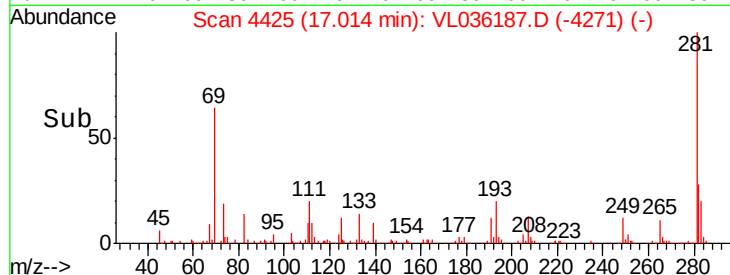
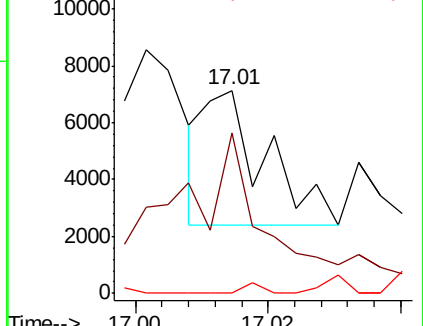
128 0.0 4.4 6.6#



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V

Ion 128.10 (127.80 to 128.80): V



#67

sec-Butylbenzene

Concen: 0.175 ppbv

RT: 17.33 min Scan# 4522

Delta R.T. 0.00 min

Lab File: VL036187.D

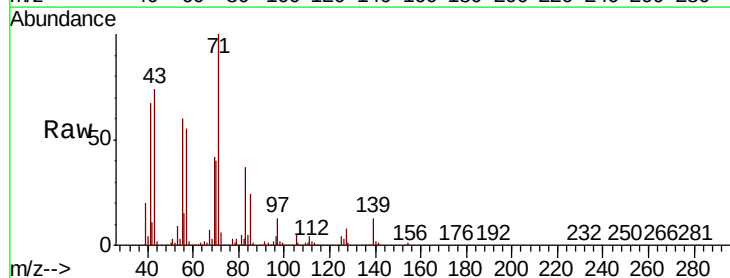
Acq: 17 Dec 2020 4:25

Tgt Ion: 105 Resp: 86121

Ion Ratio Lower Upper

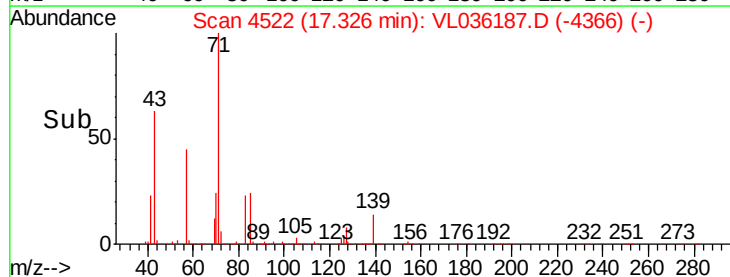
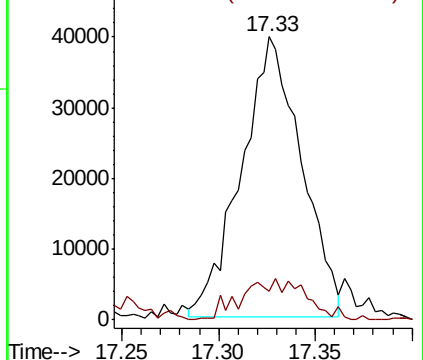
105 100

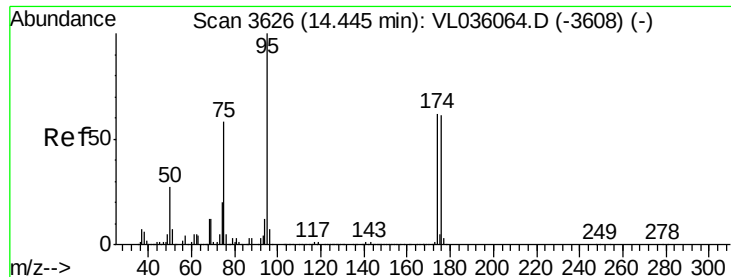
134 15.6 14.2 21.4



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.20 (133.90 to 134.90): V

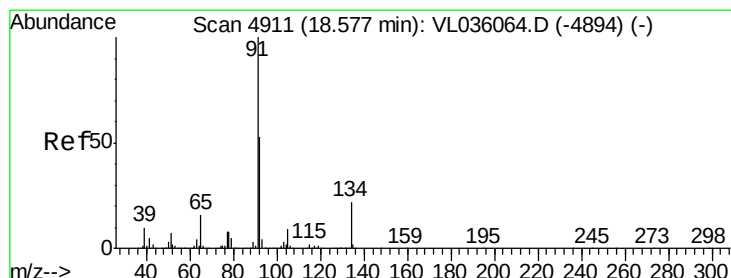
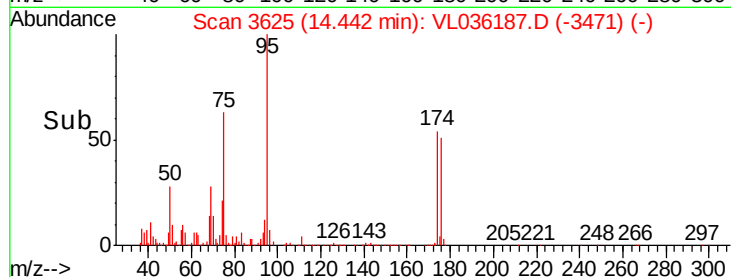
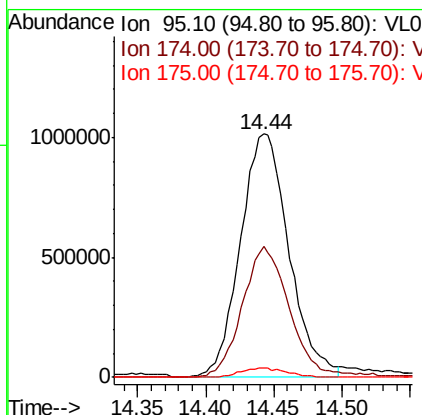
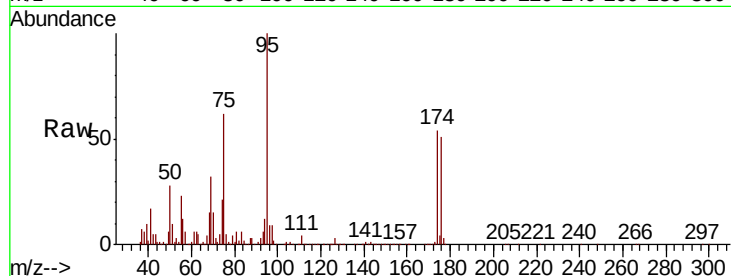




#68
 1-Bromo-4-Fluorobenzene
 Concen: 11.739 ppbv
 RT: 14.44 min Scan# 3625
 Delta R.T. -0.00 min
 Lab File: VL036187.D
 Acq: 17 Dec 2020 4:25

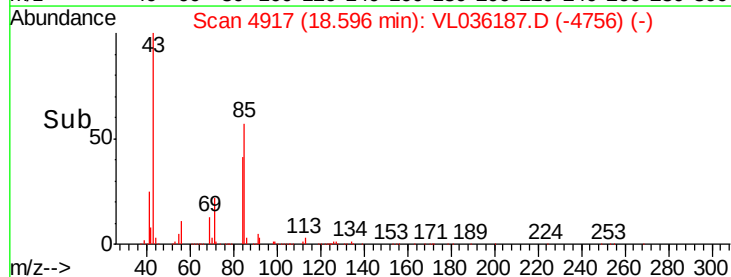
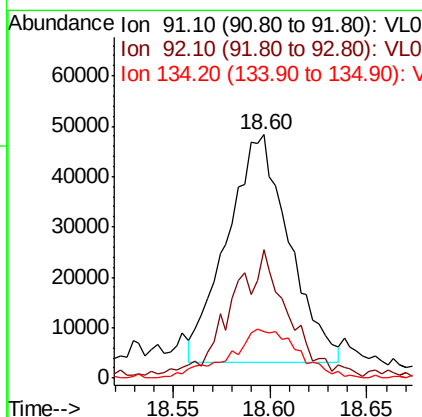
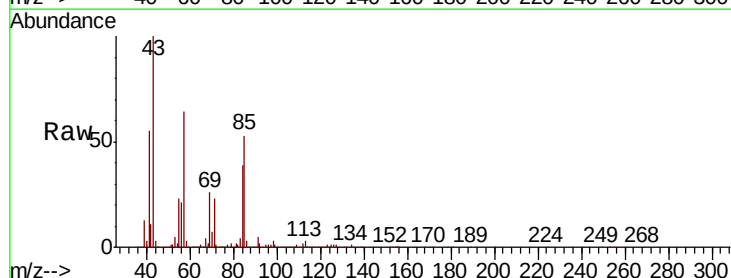
Instrument :
 MSVOA_L
 ClientSampleId :

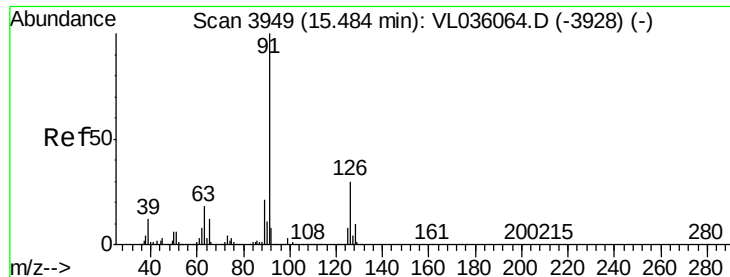
Tot Ion: 95 Resp: 2486109
 Ion Ratio Lower Upper
 95 100
 174 53.3 50.7 76.1
 175 3.8 4.0 6.0#



#70
 n-Butylbenzene
 Concen: 0.260 ppbv
 RT: 18.60 min Scan# 4917
 Delta R.T. 0.02 min
 Lab File: VL036187.D
 Acq: 17 Dec 2020 4:25

Tgt Ion: 91 Resp: 100620
 Ion Ratio Lower Upper
 91 100
 92 55.0 43.3 64.9
 134 24.3 17.1 25.7

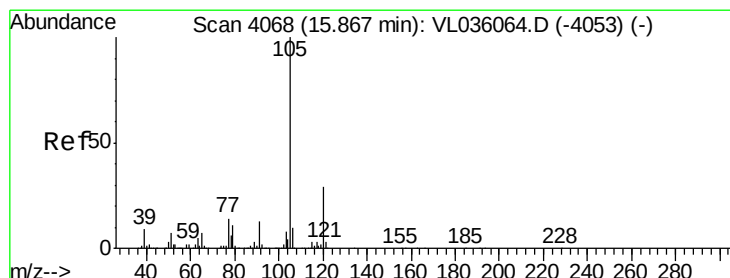
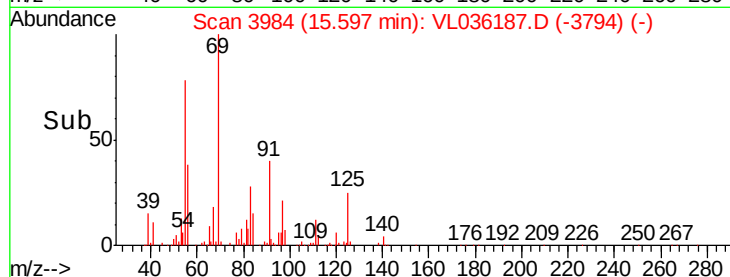
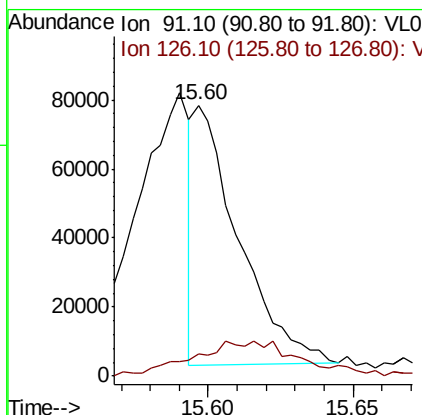
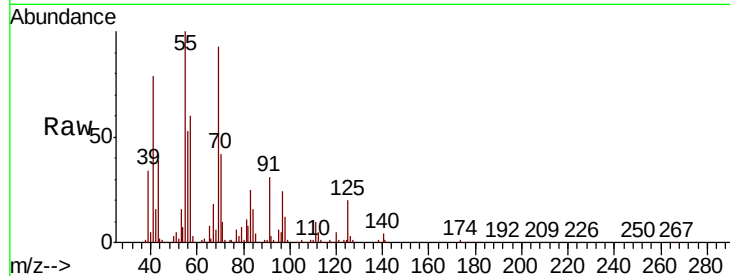




#71
 2-Chlorotoluene
 Concen: 0.245 ppbv
 RT: 15.60 min Scan# 3984
 Delta R.T. 0.11 min
 Lab File: VL036187.D
 Acq: 17 Dec 2020 4:25

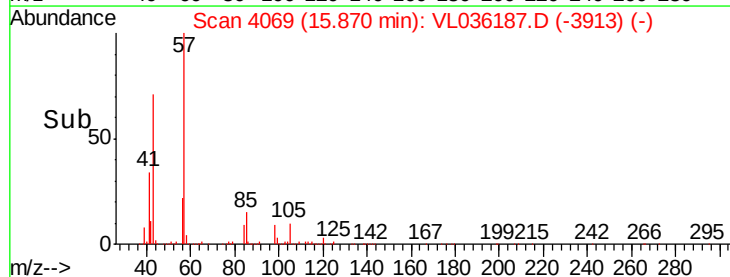
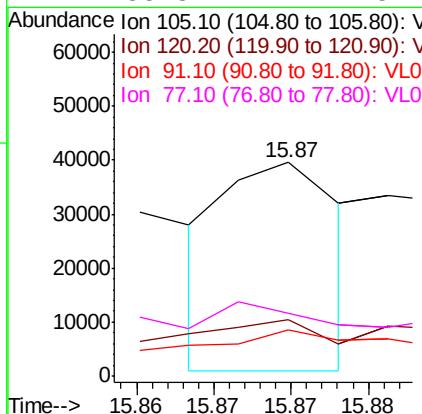
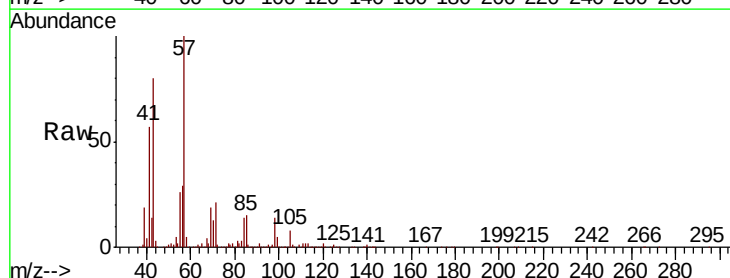
Instrument :
 MSVOA_L
 ClientSampled :

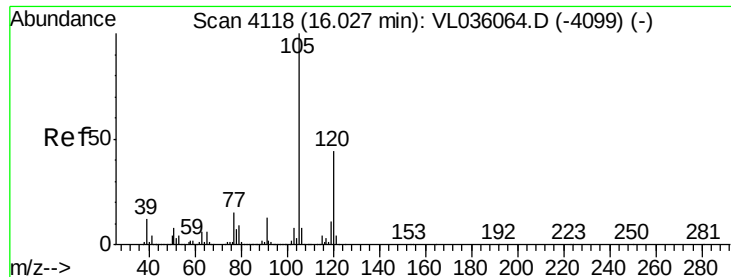
Tot Ion: 91 Resp: 79603
 Ion Ratio Lower Upper
 91 100
 126 34.0 11.6 46.4



#72
 4-Ethyltoluene
 Concen: 0.065 ppbv
 RT: 15.87 min Scan# 4069
 Delta R.T. 0.00 min
 Lab File: VL036187.D
 Acq: 17 Dec 2020 4:25

Tgt Ion:105 Resp: 20325
 Ion Ratio Lower Upper
 105 100
 120 114.5 23.6 35.4#
 91 0.0 11.4 17.0#
 77 33.8 12.1 18.1#





#73

1,3,5-Trimethylbenzene

Concen: 0.199 ppbv

RT: 16.03 min Scan# 4118

Delta R.T. -0.00 min

Lab File: VL036187.D

Acq: 17 Dec 2020 4:25

Instrument :

MSVOA_L

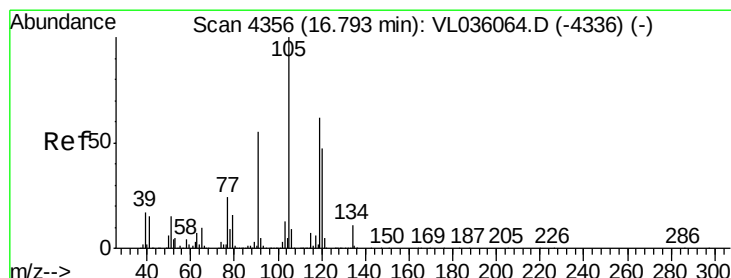
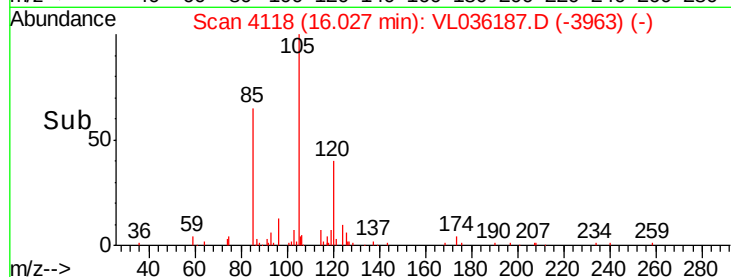
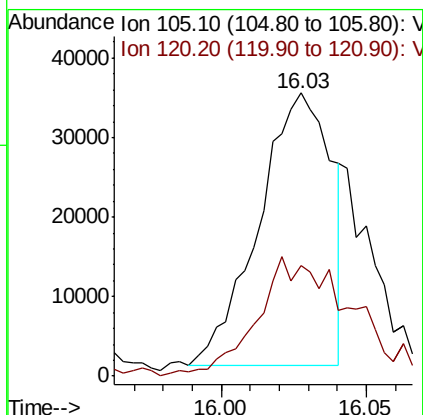
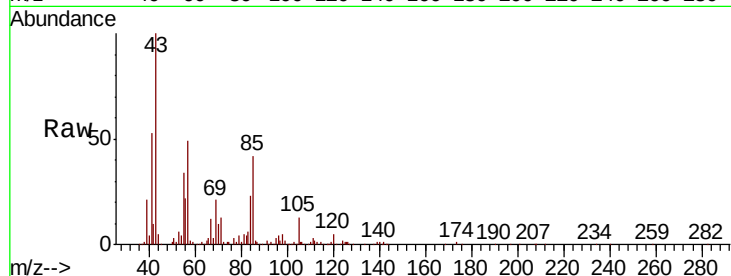
ClientSampleId :

Tot Ion:105 Resp: 59611

Ion Ratio Lower Upper

105 100

120 38.7 35.4 53.2



#74

1,2,4-Trimethylbenzene

Concen: 0.465 ppbv

RT: 16.80 min Scan# 4357

Delta R.T. 0.00 min

Lab File: VL036187.D

Acq: 17 Dec 2020 4:25

Tgt Ion:105 Resp: 140044

Ion Ratio Lower Upper

105 100

120 43.2 37.4 56.0

91 15.1 45.6 68.4#

77 14.6 19.4 29.2#

