

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032621\
 Data File : VL036508.D
 Acq On : 26 Mar 2021 10:58
 Operator : SY/AP
 Sample : M1748-38
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Mar 27 03:27:32 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 25 09:42:40 2021
 QLast Update : Thu Mar 25 09:42:40 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.69	49	1516764	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.21	114	3761049	10.00	ppbv	0.03
55) Chlorobenzene-d5	12.12	117	3269890	10.00	ppbv	0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	2504408	9.61	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.10%

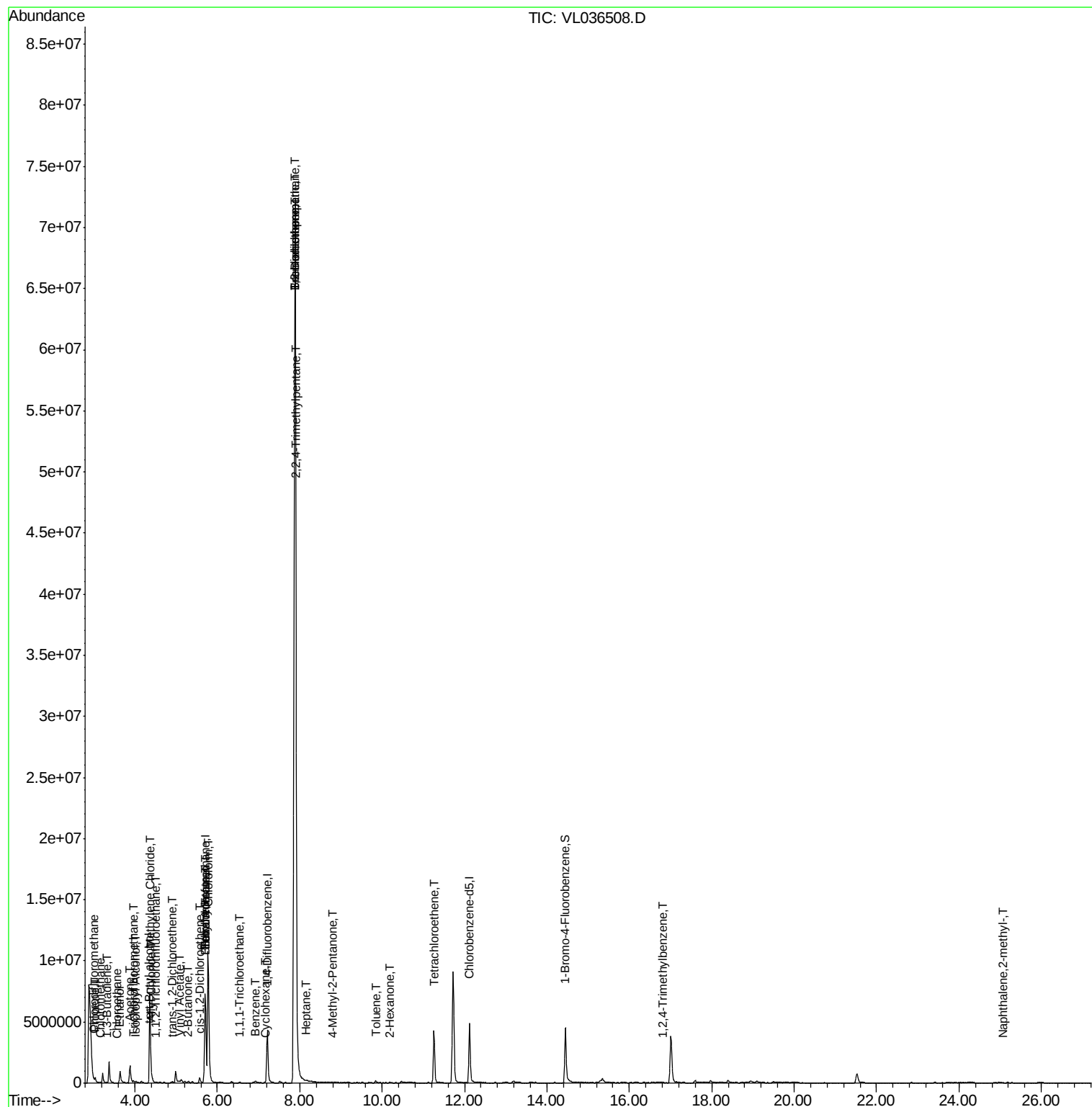
Target Compounds					Ovalue
3) Chlorodifluoromethane	3.00	51	200249	0.707	ppbv # 89
4) Chloromethane	3.15	50	40213	0.402	ppbv # 82
7) Chloroethane	3.57	64	1025	0.029	ppbv # 42
9) Propene	3.03	41	97542	1.080	ppbv # 70
10) Heptane	8.16	43	14435	0.063	ppbv 89
11) Trichlorofluoromethane	3.97	101	107828	0.428	ppbv 93
12) 1,1,2-Trichlorotrifluoroet	4.50	101	5457	0.034	ppbv # 1
13) Ethanol	3.64	45	1302336	121.054	ppbv 94
15) Acetone	3.88	43	2002428	13.413	ppbv 98
16) 1,3-Butadiene	3.32	39	6686	0.064	ppbv # 69
17) tert-Butyl alcohol	4.33	59	13509	0.104	ppbv # 72
19) Isopropyl Alcohol	4.02	45	46678	0.568	ppbv # 89
20) Methylene Chloride	4.36	84	3002285	42.954	ppbv 93
21) Allyl Chloride	4.40	41	5023	0.042	ppbv # 40
22) trans-1,2-Dichloroethene	4.91	96	32972	0.496	ppbv 93
23) Vinyl Acetate	5.09	43	55213	0.216	ppbv # 35
25) Ethyl Acetate	5.71	43	2155709	6.074	ppbv # 77
26) Hexane	5.71	57	2906669	17.648	ppbv # 47
29) Chloroform	5.78	83	9016337	34.230	ppbv 92
30) Cyclohexane	7.16	84	4258	0.032	ppbv # 1
31) cis-1,2-Dichloroethene	5.57	61	280292	1.759	ppbv 97
32) 1,1,1-Trichloroethane	6.54	97	16321	0.061	ppbv # 1
34) 2-Butanone	5.29	43	144624	0.788	ppbv 93
36) Benzene	6.93	78	142864	0.412	ppbv # 88
38) Trichloroethene	7.89	130	27377613	202.810	ppbv 87
39) 1,2-Dichloropropane	7.89	63	258887	1.840	ppbv # 1
41) Tetrahydrofuran	5.71	42	1113735	13.157	ppbv # 54
42) Bromodichloromethane	7.89	83	846677	3.049	ppbv # 98
44) 2,2,4-Trimethylpentane	7.92	57	20533	0.034	ppbv # 1
50) 4-Methyl-2-Pentanone	8.79	43	7282	0.027	ppbv # 40
51) 2-Hexanone	10.18	43	3980	0.030	ppbv # 1
52) Tetrachloroethene	11.26	164	1057347	8.278	ppbv 96
53) Toluene	9.84	91	116935	0.317	ppbv 100
74) 1,2,4-Trimethylbenzene	16.80	105	10326	0.024	ppbv # 52
80) Naphthalene,2-methyl-	25.07	142	1277	0.025	ppbv # 31

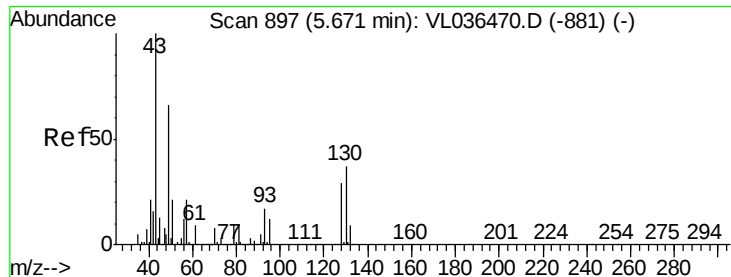
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_L
ClientSampled :

Quant Time: Mar 27 03:27:32 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 25 09:42:40 2021
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Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.69 min Scan# 904

Delta R.T. 0.02 min

Lab File: VL036508.D

Acq: 26 Mar 2021 10:58

Instrument :

MSVOA_L

ClientSampleId :

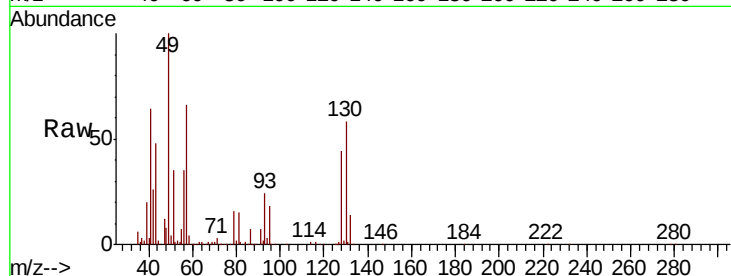
Tot Ion: 49 Resp: 1516764

Ion Ratio Lower Upper

49 100

128 46.8 23.5 70.6

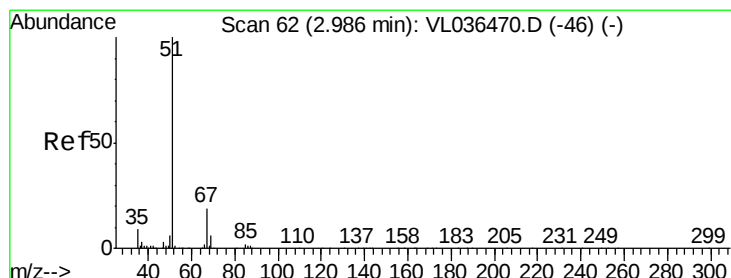
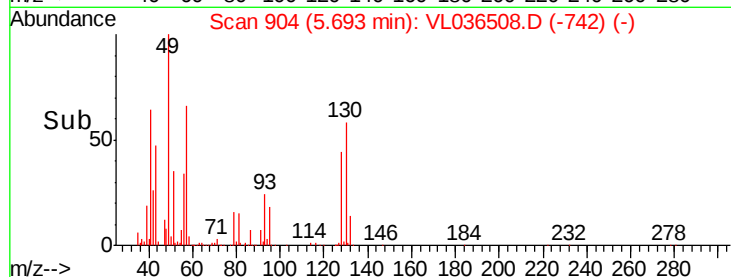
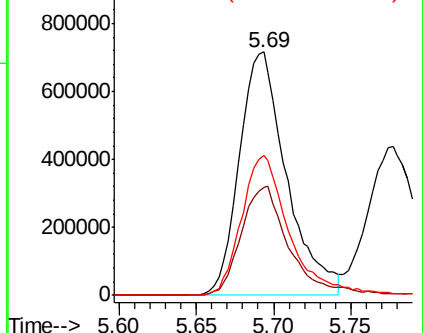
130 59.6 29.1 87.4



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#3

Chlorodifluoromethane

Concen: 0.707 ppbv

RT: 3.00 min Scan# 67

Delta R.T. 0.02 min

Lab File: VL036508.D

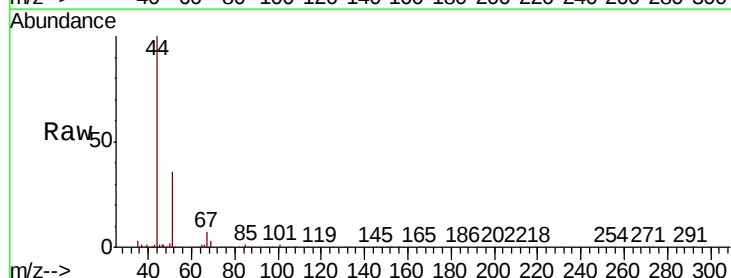
Acq: 26 Mar 2021 10:58

Tgt Ion: 51 Resp: 200249

Ion Ratio Lower Upper

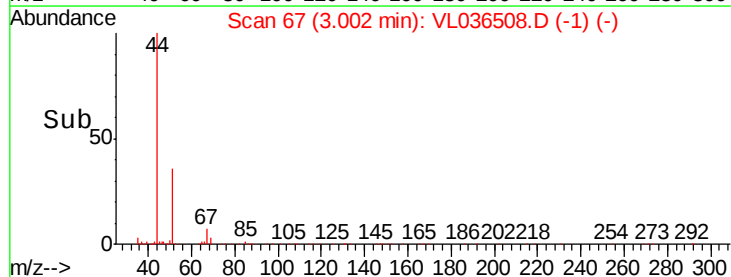
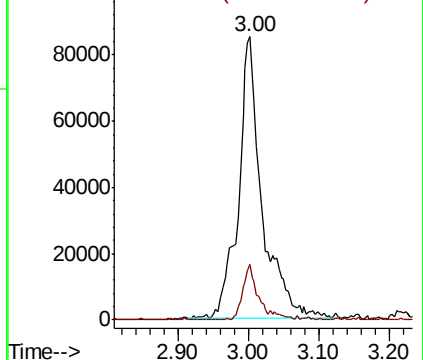
51 100

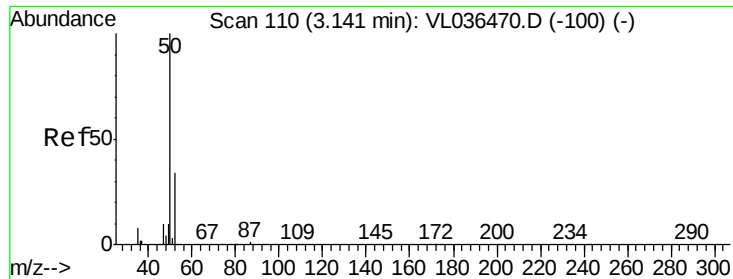
67 13.6 14.7 22.1#



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0





#4

Chloromethane

Concen: 0.402 ppbv

RT: 3.15 min Scan# 113

Delta R.T. 0.01 min

Lab File: VL036508.D

Acq: 26 Mar 2021 10:58

Instrument :

MSVOA_L

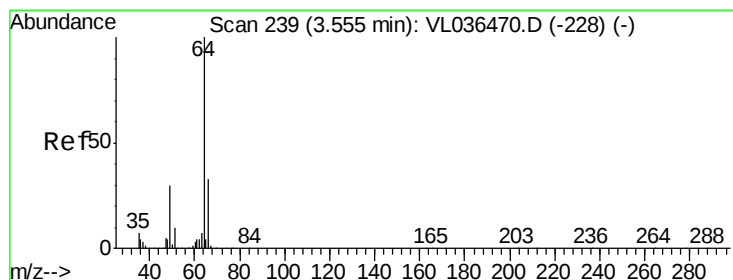
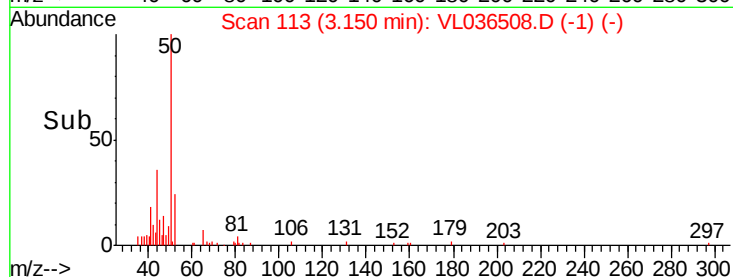
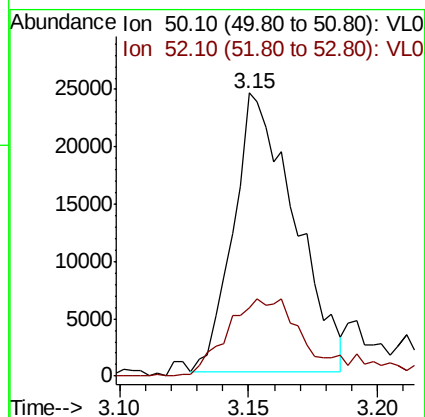
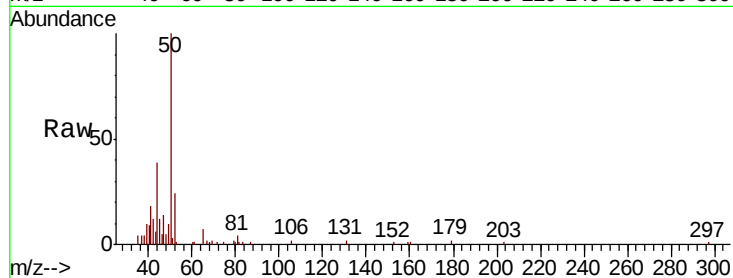
ClientSampleId :

Tot Ion: 50 Resp: 40213

Ion Ratio Lower Upper

50 100

52 23.7 27.0 40.6#



#7

Chloroethane

Concen: 0.029 ppbv

RT: 3.57 min Scan# 244

Delta R.T. 0.02 min

Lab File: VL036508.D

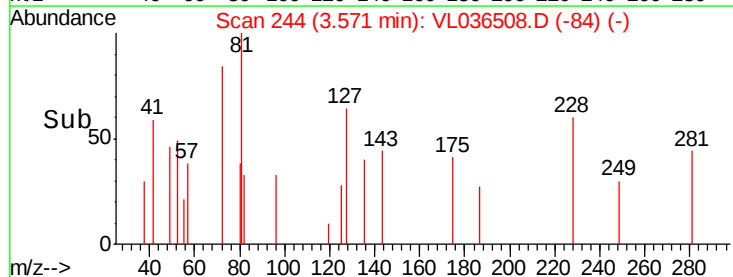
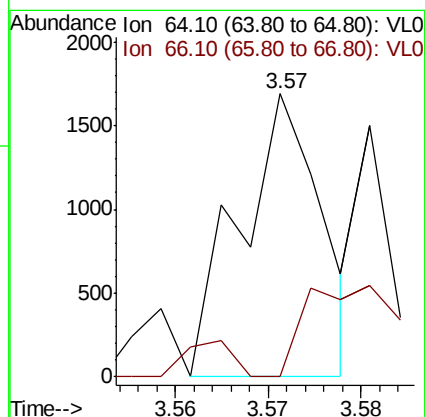
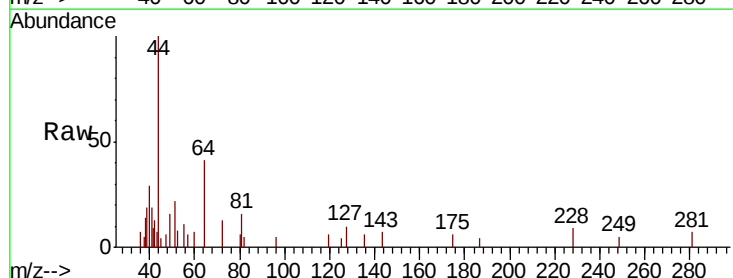
Acq: 26 Mar 2021 10:58

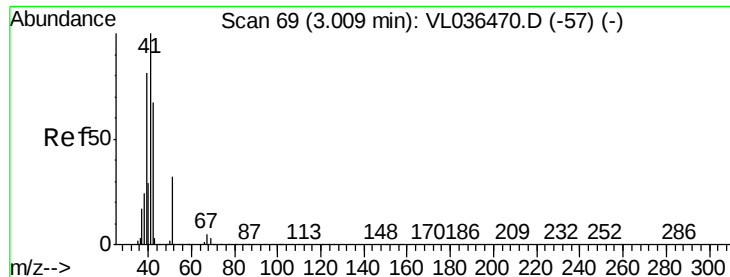
Tgt Ion: 64 Resp: 1025

Ion Ratio Lower Upper

64 100

66 0.0 26.2 39.2#





#9

Propene

Concen: 1.080 ppbv

RT: 3.03 min Scan# 76

Delta R.T. 0.02 min

Lab File: VL036508.D

Acq: 26 Mar 2021 10:58

Instrument :

MSVOA_L

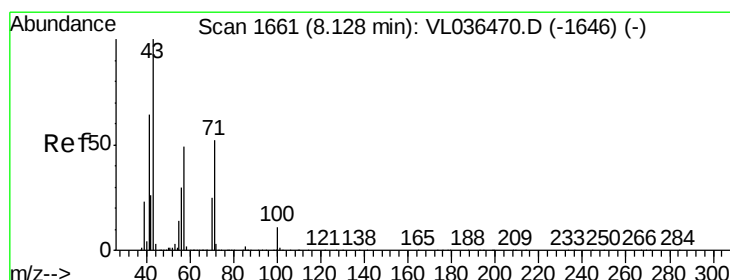
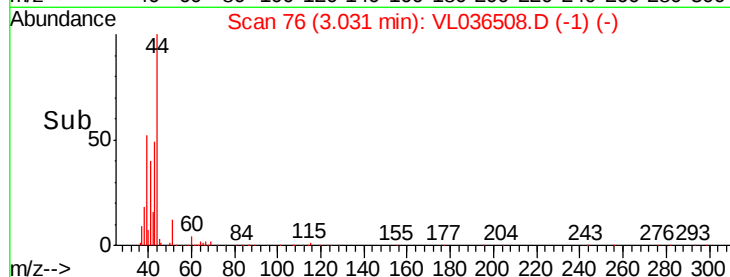
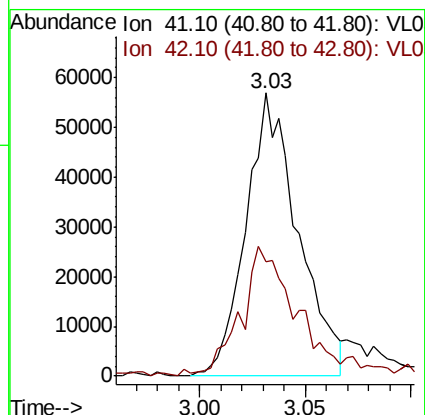
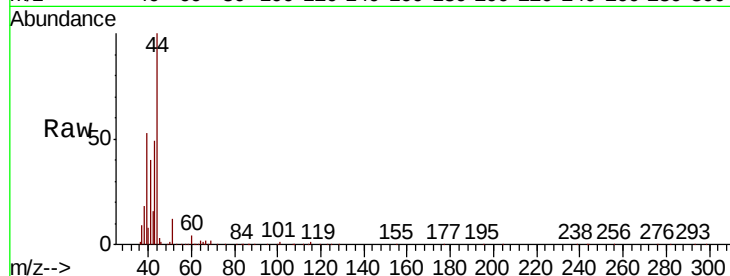
ClientSampled :

Tot Ion: 41 Resp: 97542

Ion Ratio Lower Upper

41 100

42 46.7 57.0 85.4#



#10

Heptane

Concen: 0.063 ppbv

RT: 8.16 min Scan# 1672

Delta R.T. 0.04 min

Lab File: VL036508.D

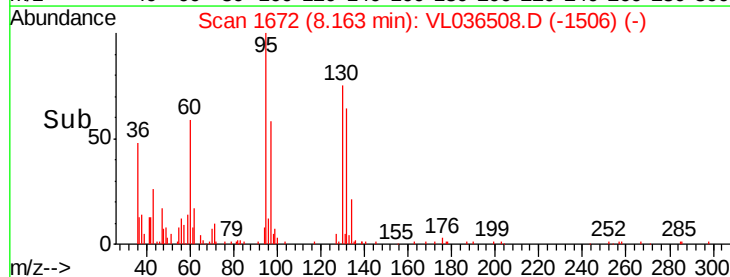
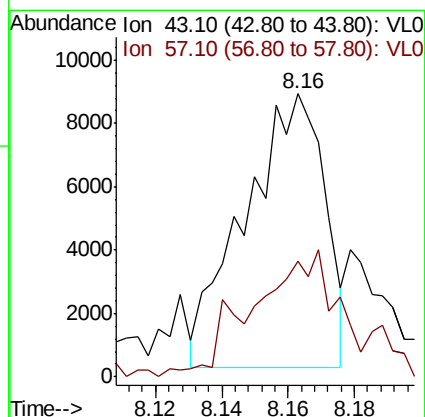
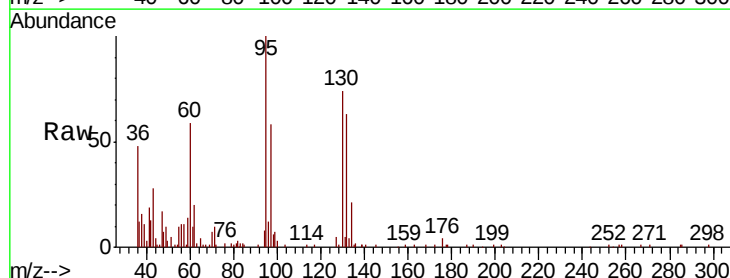
Acq: 26 Mar 2021 10:58

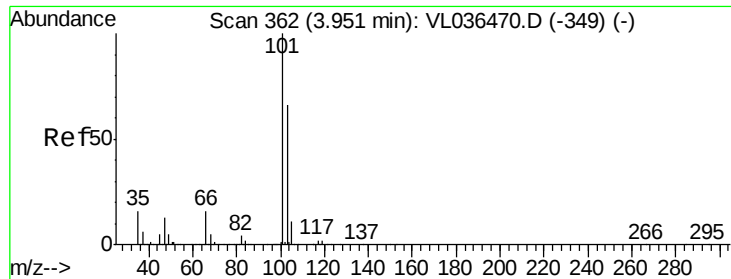
Tgt Ion: 43 Resp: 14435

Ion Ratio Lower Upper

43 100

57 56.0 39.0 58.6





#11

Trichlorofluoromethane

Concen: 0.428 ppbv

RT: 3.97 min Scan# 368

Delta R.T. 0.02 min

Lab File: VL036508.D

Acq: 26 Mar 2021 10:58

Instrument :

MSVOA_L

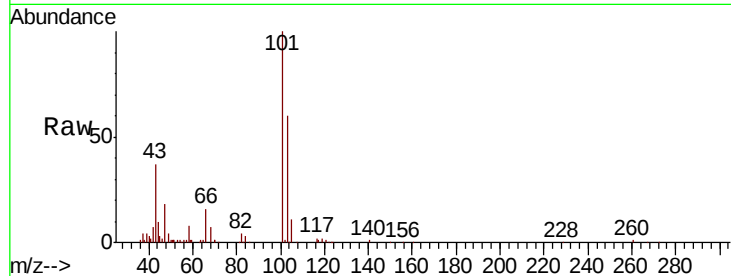
ClientSampleId :

Tot Ion:101 Resp: 107828

Ion Ratio Lower Upper

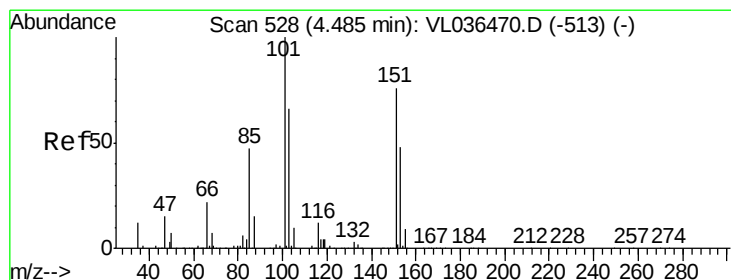
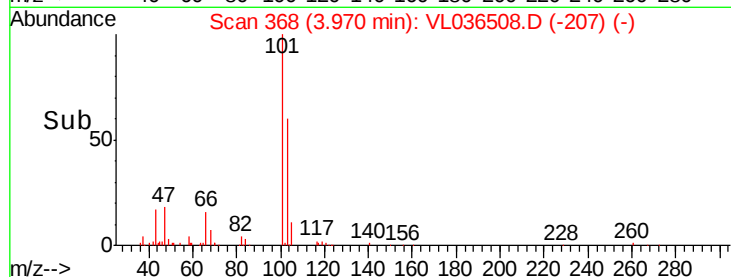
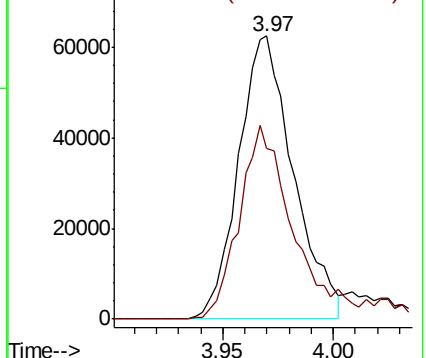
101 100

103 60.4 52.5 78.7



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.034 ppbv

RT: 4.50 min Scan# 533

Delta R.T. 0.02 min

Lab File: VL036508.D

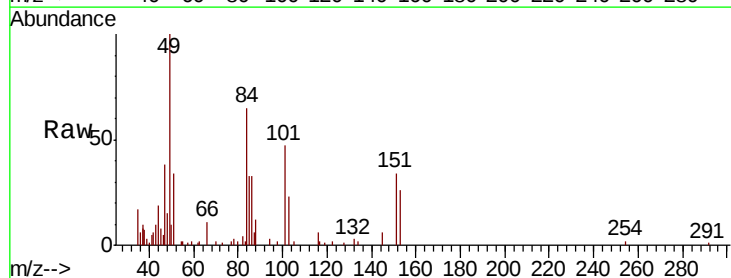
Acq: 26 Mar 2021 10:58

Tgt Ion:101 Resp: 5457

Ion Ratio Lower Upper

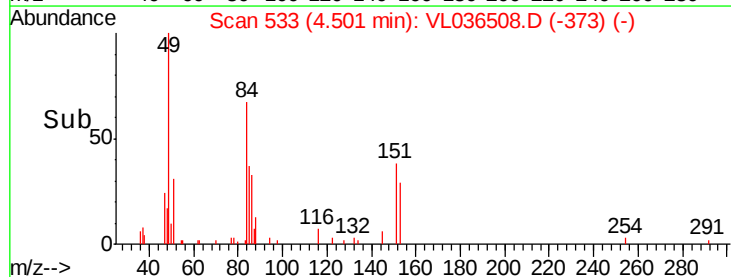
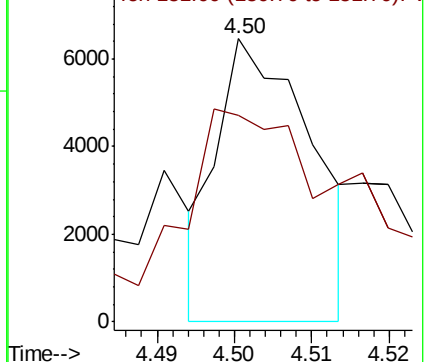
101 100

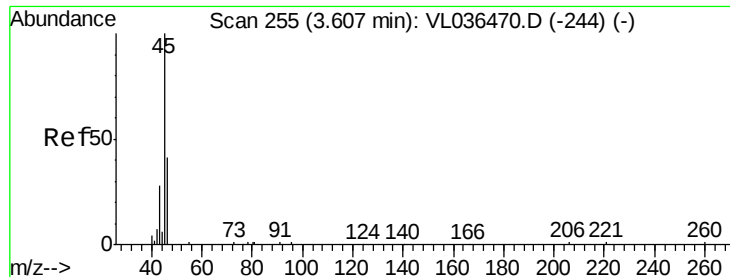
151 165.1 60.9 91.3#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 151.00 (150.70 to 151.70): V





#13

Ethanol

Concen: 121.054 ppbv

RT: 3.64 min Scan# 264

Delta R.T. 0.03 min

Lab File: VL036508.D

Acq: 26 Mar 2021 10:58

Instrument :

MSVOA_L

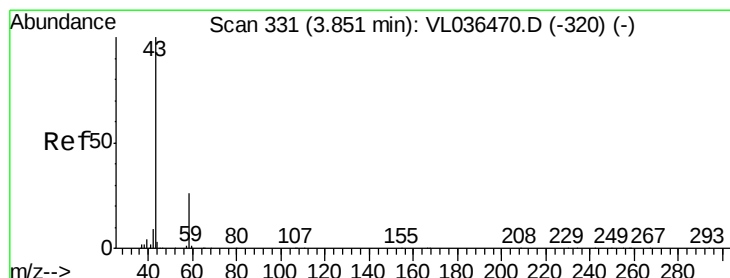
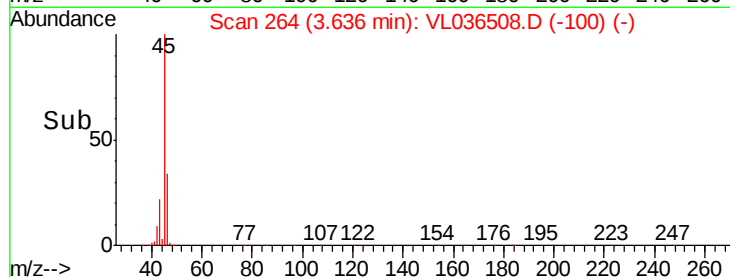
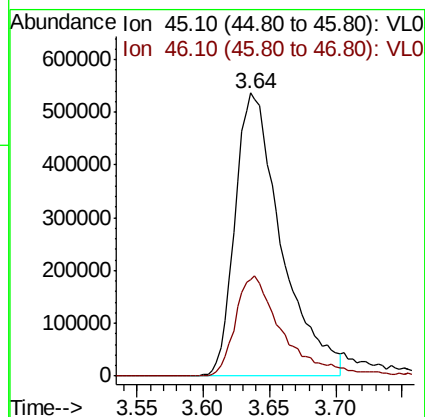
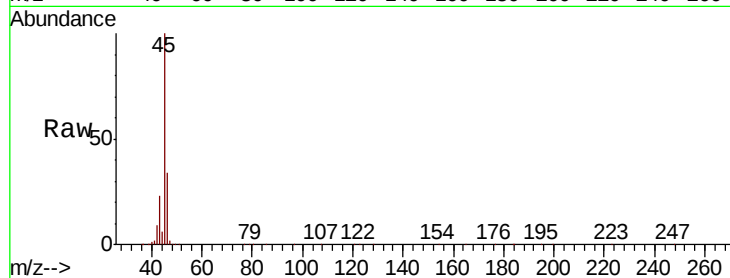
ClientSampleId :

Tot Ion: 45 Resp: 1302336

Ion Ratio Lower Upper

45 100

46 37.6 16.6 66.2



#15

Acetone

Concen: 13.413 ppbv

RT: 3.88 min Scan# 339

Delta R.T. 0.03 min

Lab File: VL036508.D

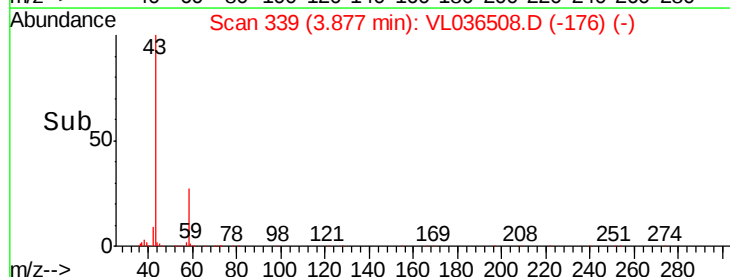
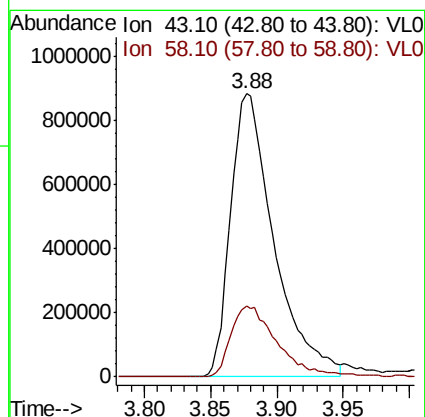
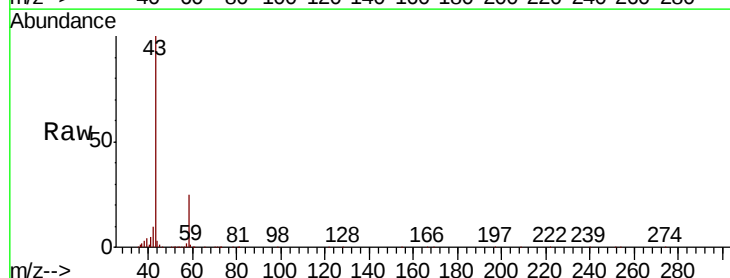
Acq: 26 Mar 2021 10:58

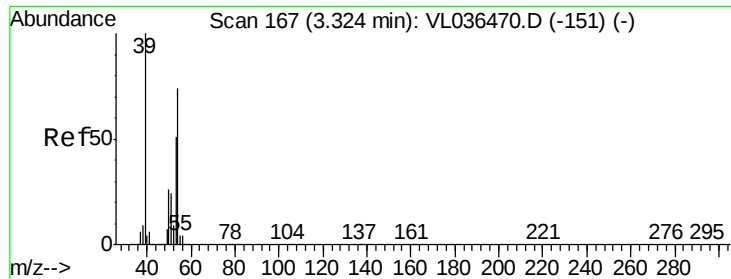
Tgt Ion: 43 Resp: 2002428

Ion Ratio Lower Upper

43 100

58 27.7 21.2 31.8





#16

1,3-Butadiene

Concen: 0.064 ppbv

RT: 3.32 min Scan# 166

Delta R.T. -0.00 min

Lab File: VL036508.D

Acq: 26 Mar 2021 10:58

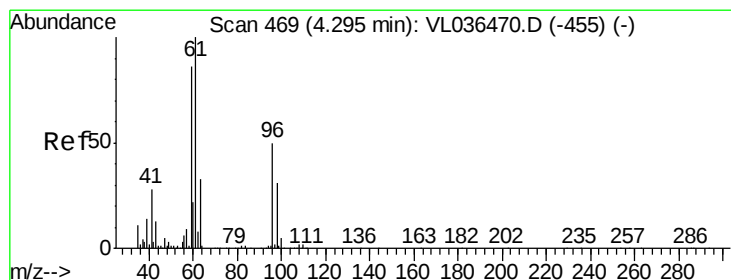
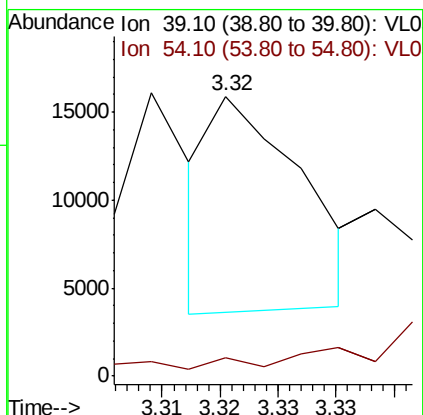
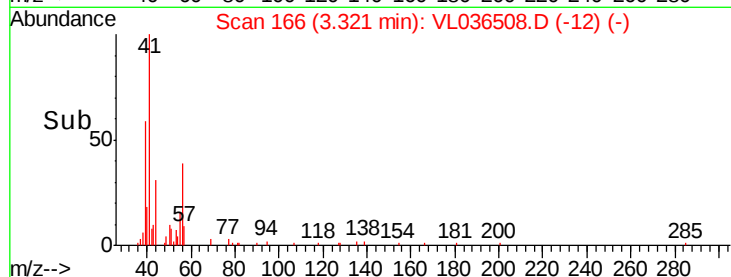
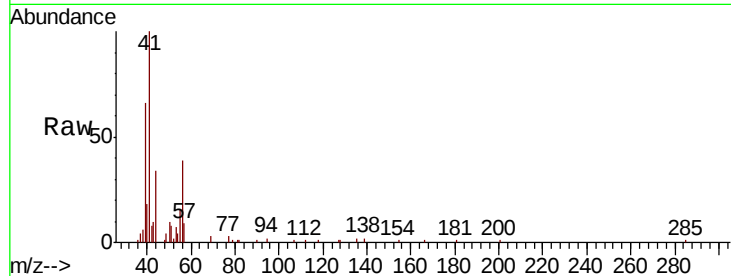
Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 39 Resp: 6686

Ion Ratio Lower Upper

39 100

54 47.0 58.8 88.2#



#17

tert-Butyl alcohol

Concen: 0.104 ppbv

RT: 4.33 min Scan# 481

Delta R.T. 0.04 min

Lab File: VL036508.D

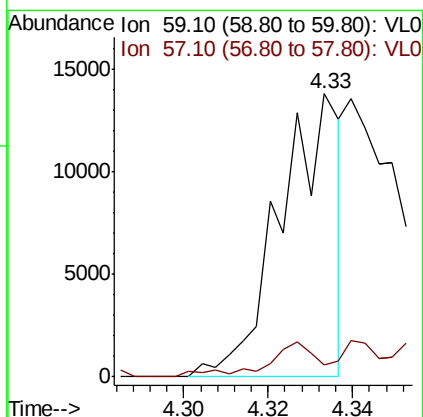
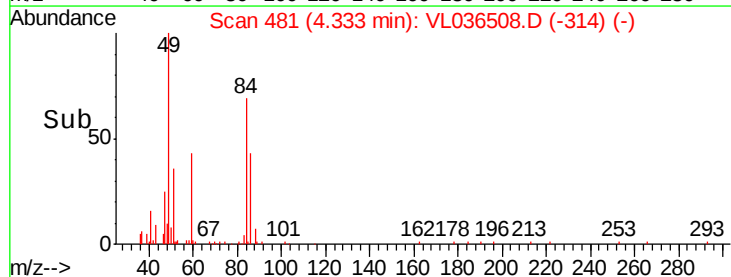
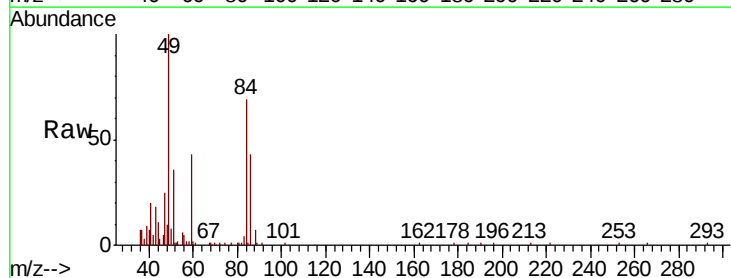
Acq: 26 Mar 2021 10:58

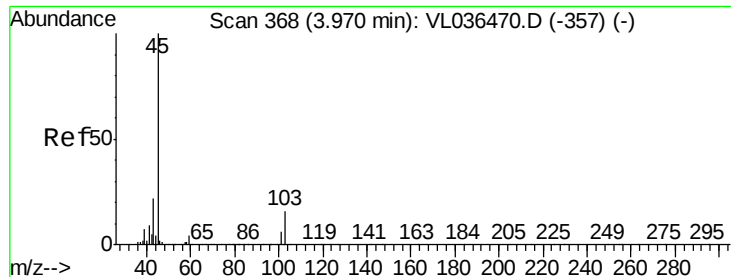
Tgt Ion: 59 Resp: 13509

Ion Ratio Lower Upper

59 100

57 0.0 8.6 12.8#





#19

Isopropyl Alcohol

Concen: 0.568 ppbv

RT: 4.02 min Scan# 382

Delta R.T. 0.04 min

Lab File: VL036508.D

Acq: 26 Mar 2021 10:58

Instrument :

MSVOA_L

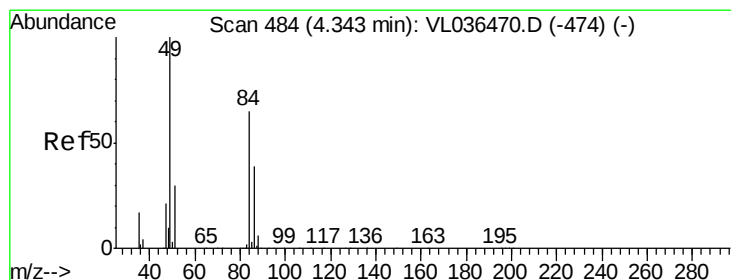
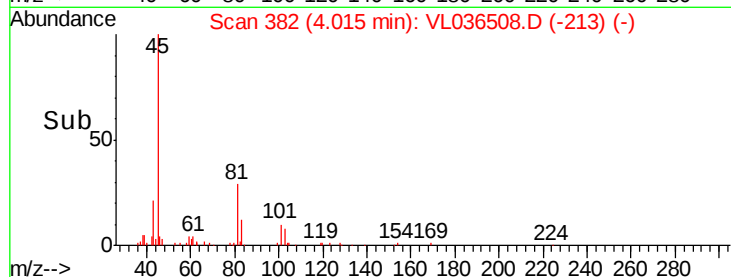
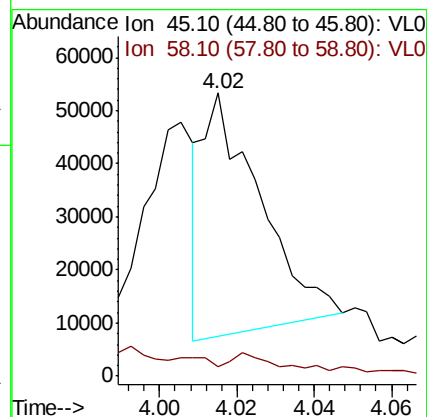
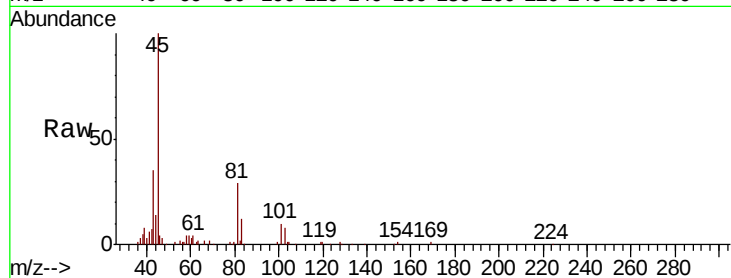
ClientSampled :

Tot Ion: 45 Resp: 46678

Ion Ratio Lower Upper

45 100

58 0.0 2.9 4.3#



#20

Methylene Chloride

Concen: 42.954 ppbv

RT: 4.36 min Scan# 490

Delta R.T. 0.02 min

Lab File: VL036508.D

Acq: 26 Mar 2021 10:58

Tgt Ion: 84 Resp: 3002285

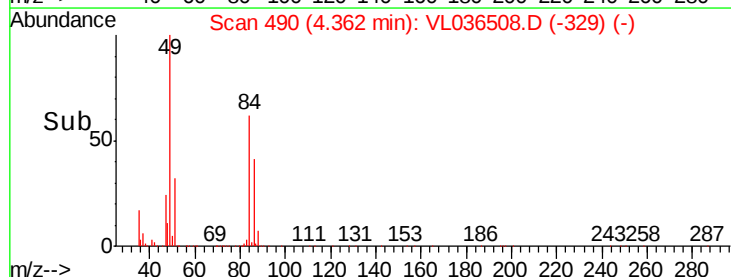
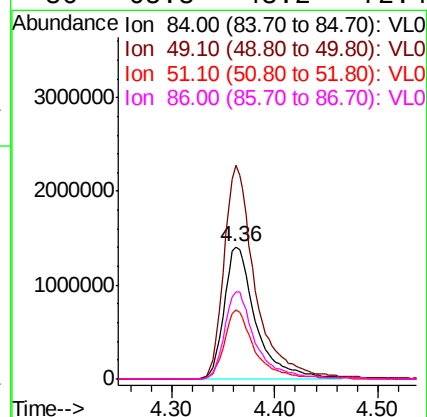
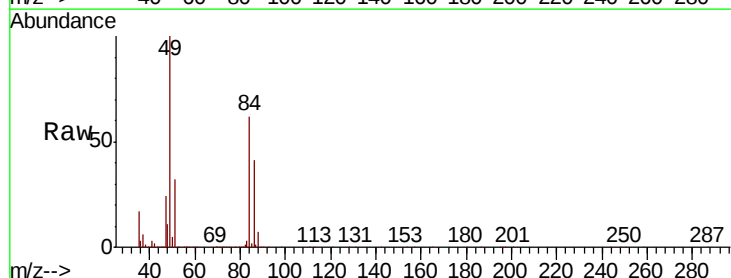
Ion Ratio Lower Upper

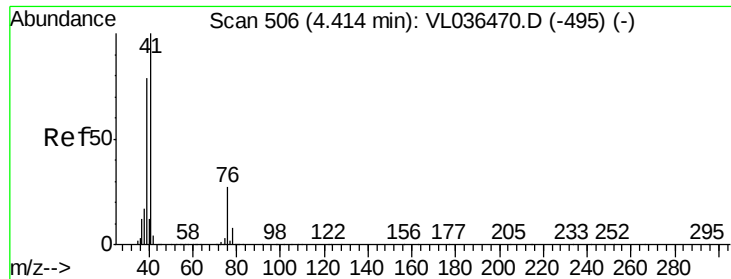
84 100

49 161.3 122.9 184.3

51 51.9 36.9 55.3

86 65.8 48.2 72.4

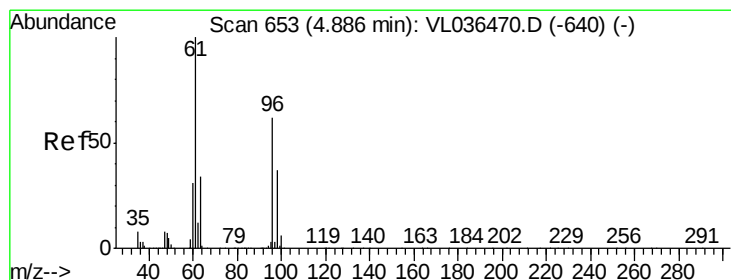
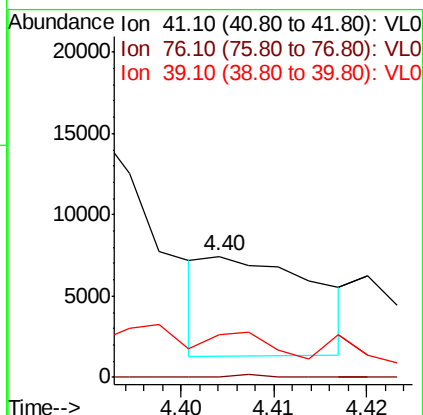
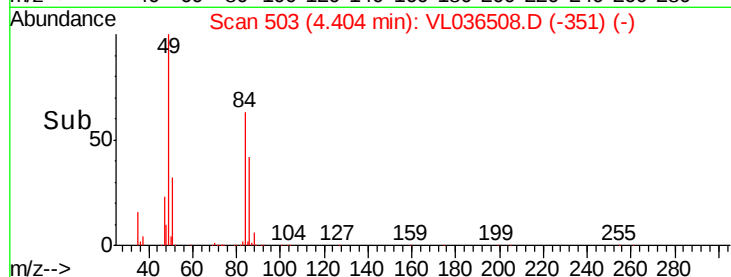
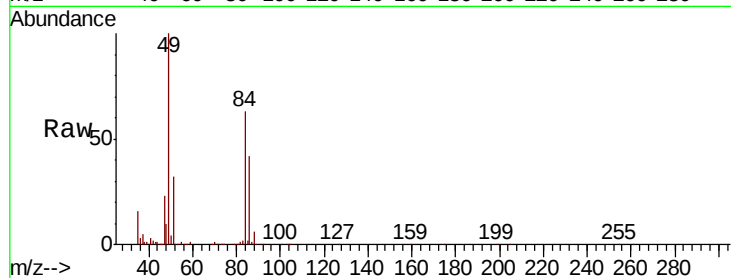




#21
Allvl Chloride
Concen: 0.042 ppbv
RT: 4.40 min Scan# 503
Delta R.T. -0.01 min
Lab File: VL036508.D
Acq: 26 Mar 2021 10:58

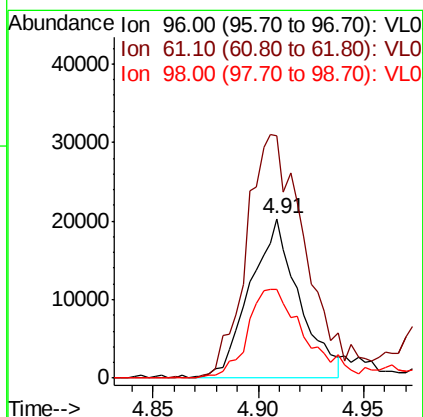
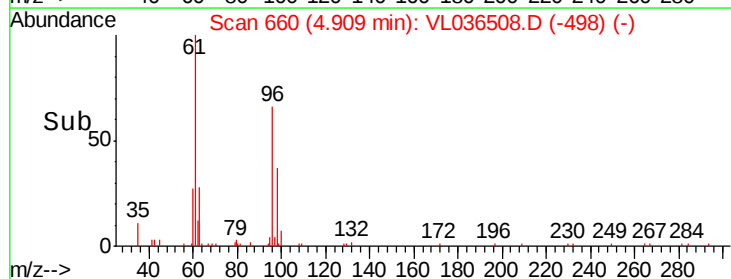
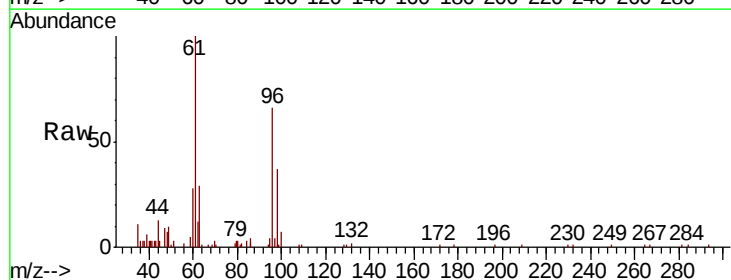
Instrument :
MSVOA_L
ClientSampleId :

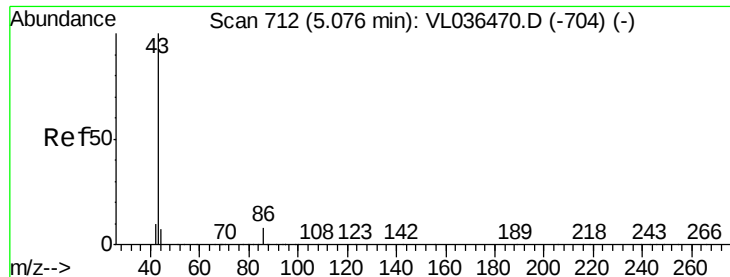
Tot Ion: 41 Resp: 5023
Ion Ratio Lower Upper
41 100
76 8.6 22.9 34.3#
39 23.1 67.3 100.9#



#22
trans-1,2-Dichloroethene
Concen: 0.496 ppbv
RT: 4.91 min Scan# 660
Delta R.T. 0.02 min
Lab File: VL036508.D
Acq: 26 Mar 2021 10:58

Tgt Ion: 96 Resp: 32972
Ion Ratio Lower Upper
96 100
61 152.0 129.4 194.0
98 55.7 48.2 72.4





#23

Vinyl Acetate

Concen: 0.216 ppbv

RT: 5.09 min Scan# 715

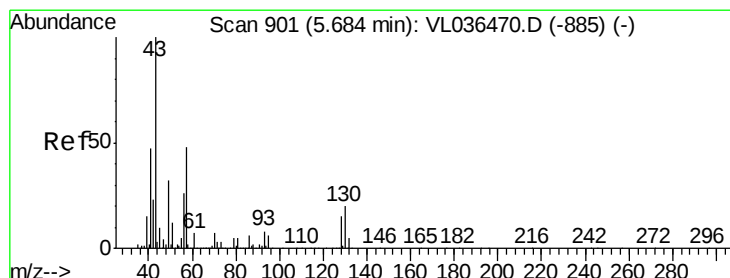
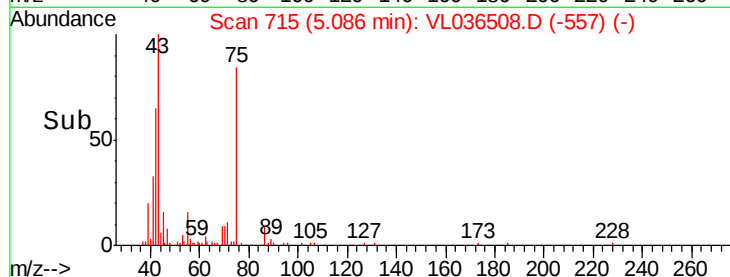
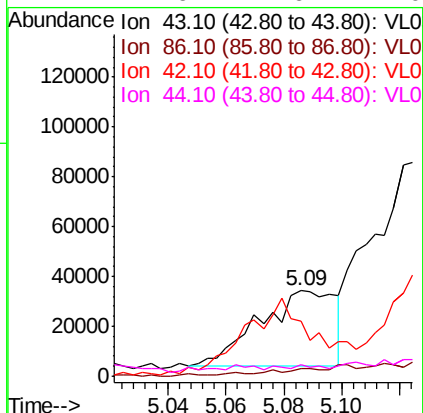
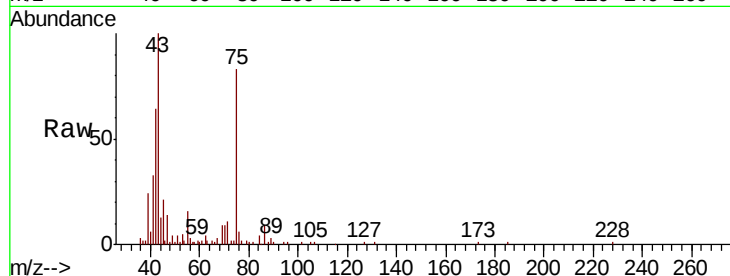
Delta R.T. 0.01 min

Lab File: VL036508.D

Acq: 26 Mar 2021 10:58

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion:	43	Resp:	55213
Ion	Ratio	Lower	Upper
43	100		
86	7.2	5.4	8.0
42	61.3	8.5	12.7#
44	2.6	4.6	7.0#



#25

Ethyl Acetate

Concen: 6.074 ppbv

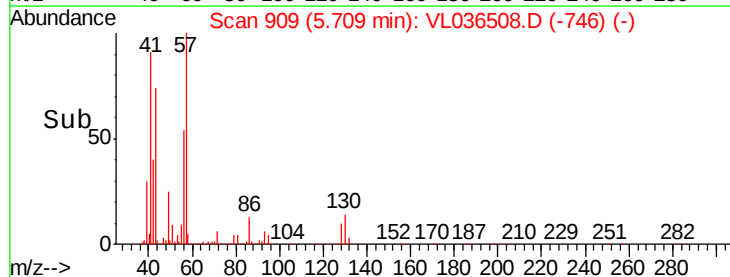
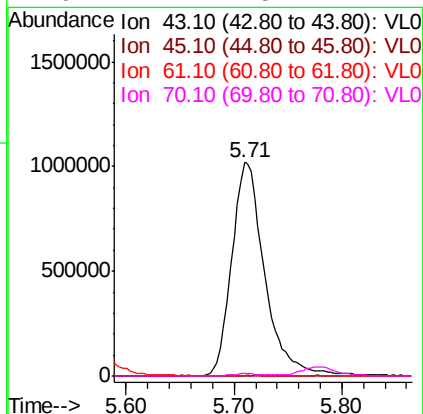
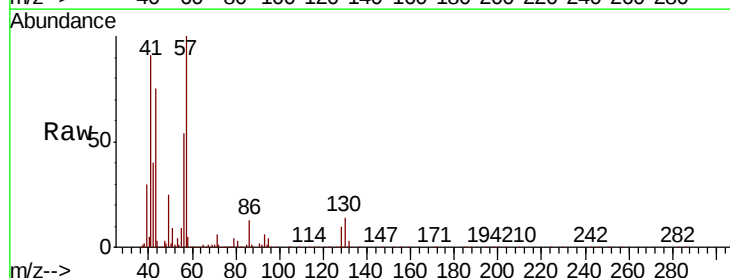
RT: 5.71 min Scan# 909

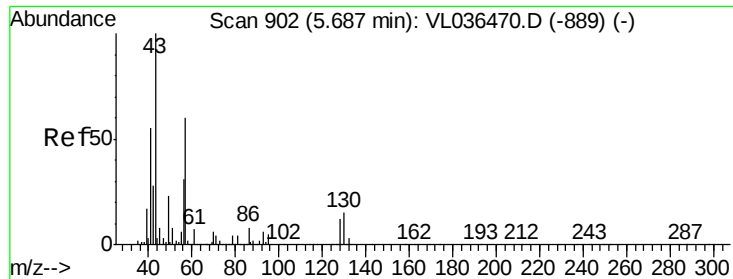
Delta R.T. 0.03 min

Lab File: VL036508.D

Acq: 26 Mar 2021 10:58

Tgt Ion:	43	Resp:	2155709
Ion	Ratio	Lower	Upper
43	100		
45	0.3	7.9	11.9#
61	0.0	7.4	11.2#
70	1.2	5.1	7.7#

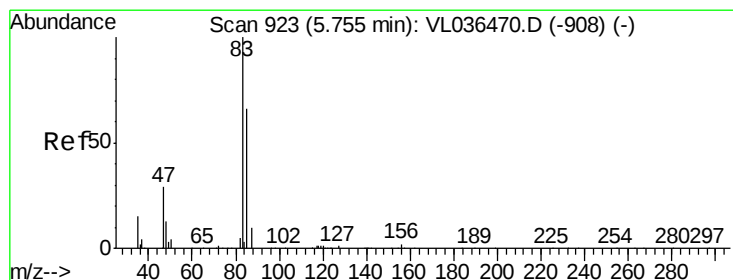
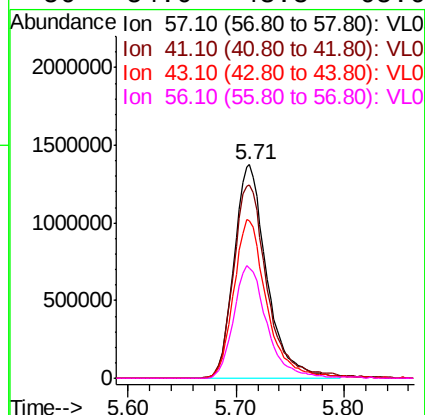
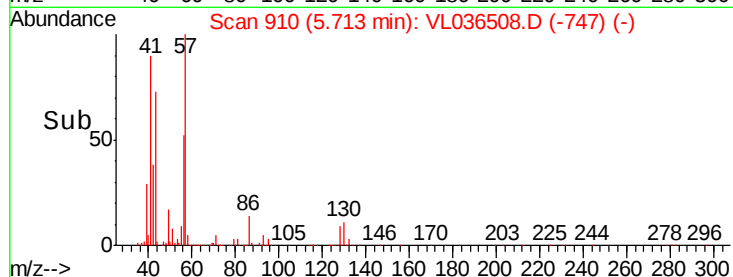
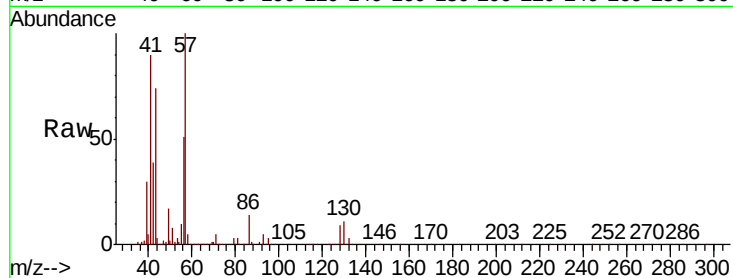




#26
Hexane
Concen: 17.648 ppbv
RT: 5.71 min Scan# 910
Delta R.T. 0.03 min
Lab File: VL036508.D
Acq: 26 Mar 2021 10:58

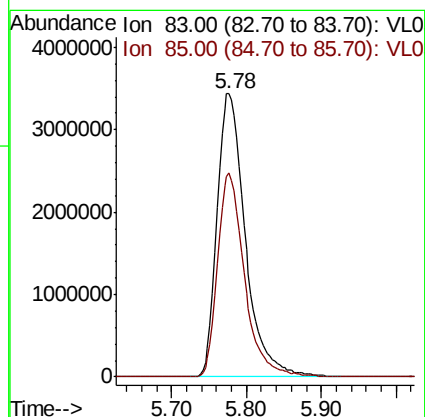
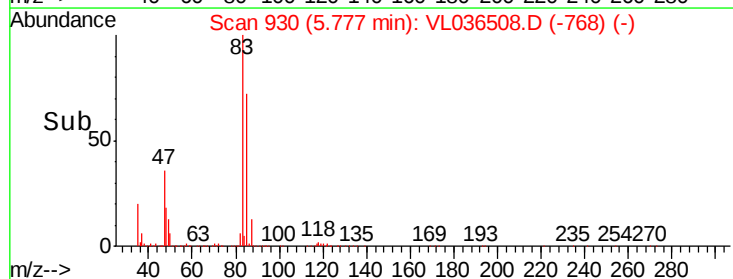
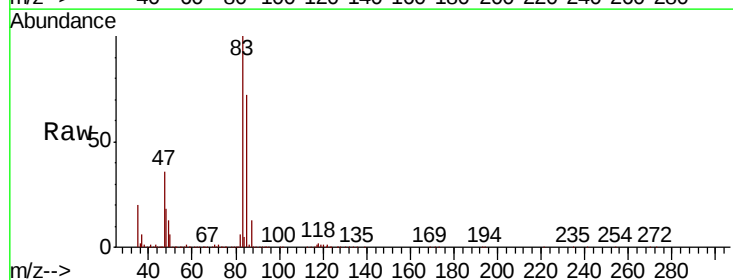
Instrument :
MSVOA_L
ClientSampleId :

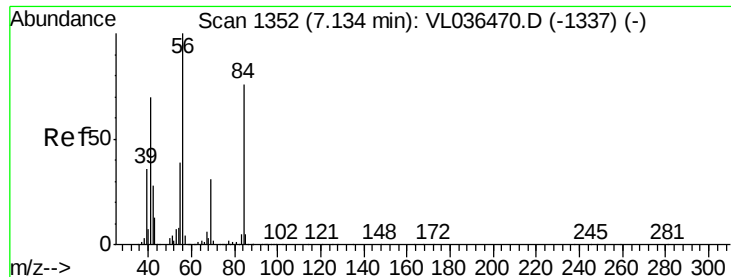
Tot Ion: 57 Resp: 2906669
Ion Ratio Lower Upper
57 100
41 94.7 77.2 115.8
43 75.1 173.8 260.6#
56 54.0 43.8 65.6



#29
Chloroform
Concen: 34.230 ppbv
RT: 5.78 min Scan# 930
Delta R.T. 0.02 min
Lab File: VL036508.D
Acq: 26 Mar 2021 10:58

Tgt Ion: 83 Resp: 9016337
Ion Ratio Lower Upper
83 100
85 71.8 52.6 78.8

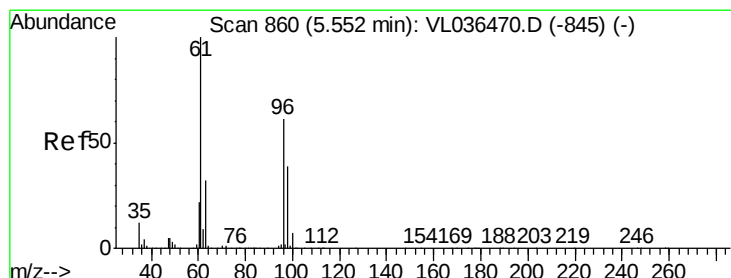
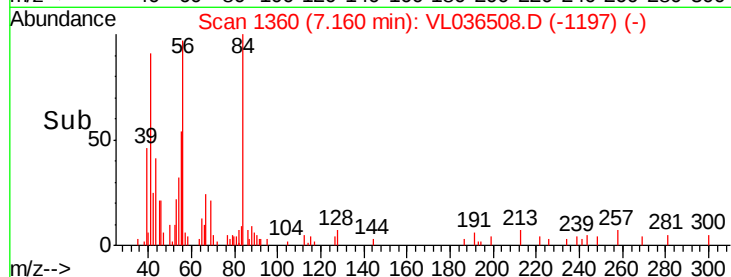
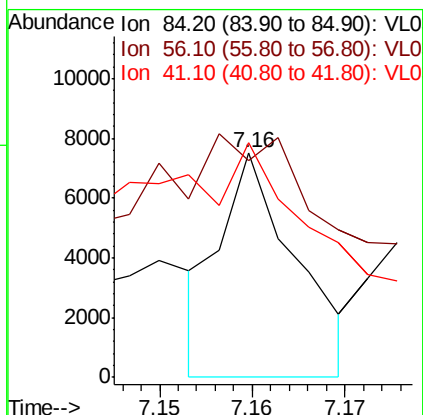
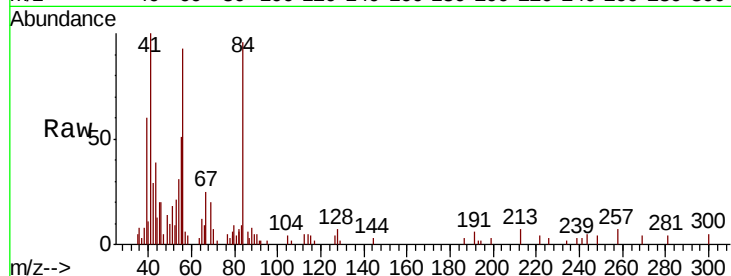




#30
Cvclohexane
Concen: 0.032 ppbv
RT: 7.16 min Scan# 1360
Delta R.T. 0.03 min
Lab File: VL036508.D
Acq: 26 Mar 2021 10:58

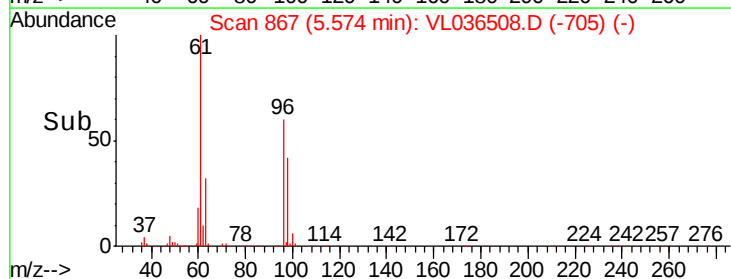
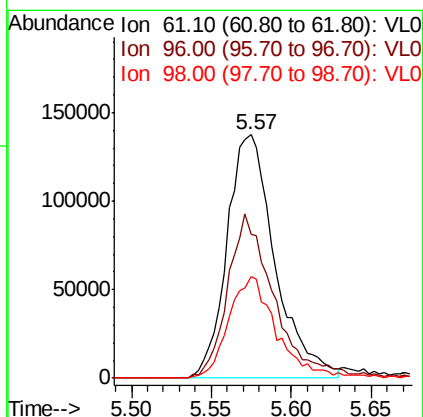
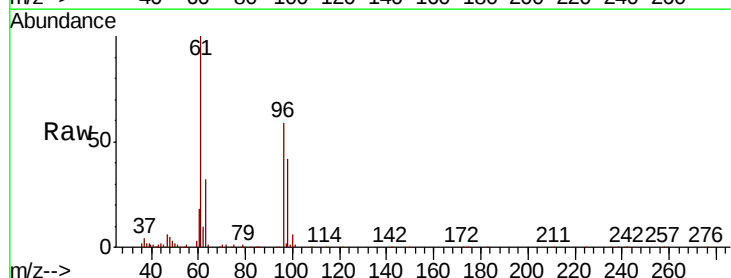
Instrument :
MSVOA_L
ClientSampled :

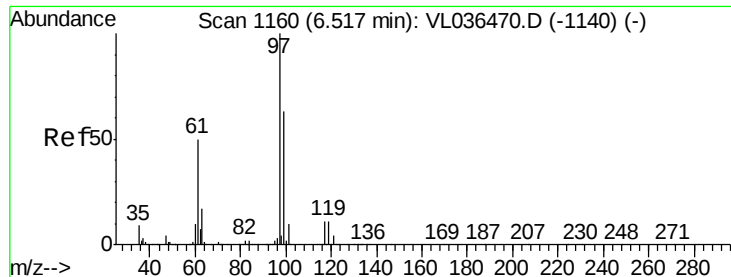
Tot Ion: 84 Resp: 4258
Ion Ratio Lower Upper
84 100
56 0.0 114.6 171.8#
41 504.9 75.3 112.9#



#31
cis-1,2-Dichloroethene
Concen: 1.759 ppbv
RT: 5.57 min Scan# 867
Delta R.T. 0.02 min
Lab File: VL036508.D
Acq: 26 Mar 2021 10:58

Tgt Ion: 61 Resp: 280292
Ion Ratio Lower Upper
61 100
96 58.6 48.7 73.1
98 41.7 31.4 47.0





#32

1,1,1-Trichloroethane

Concen: 0.061 ppbv

RT: 6.54 min Scan# 1168

Delta R.T. 0.03 min

Lab File: VL036508.D

Acq: 26 Mar 2021 10:58

Instrument :

MSVOA_L

ClientSampleId :

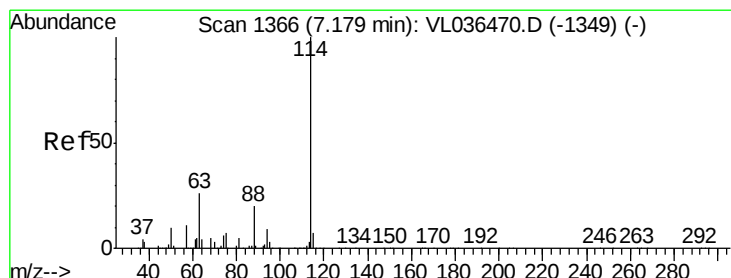
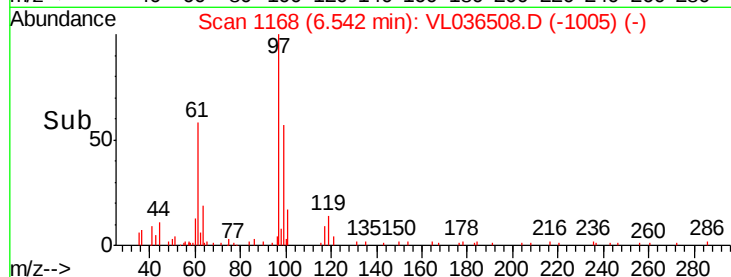
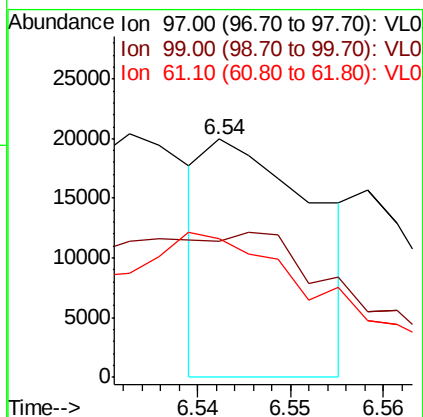
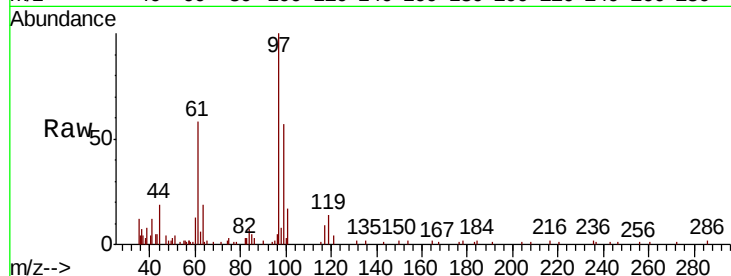
Tot Ion: 97 Resp: 16321

Ion Ratio Lower Upper

97 100

99 187.2 51.4 77.0#

61 161.0 40.6 60.8#



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.21 min Scan# 1376

Delta R.T. 0.03 min

Lab File: VL036508.D

Acq: 26 Mar 2021 10:58

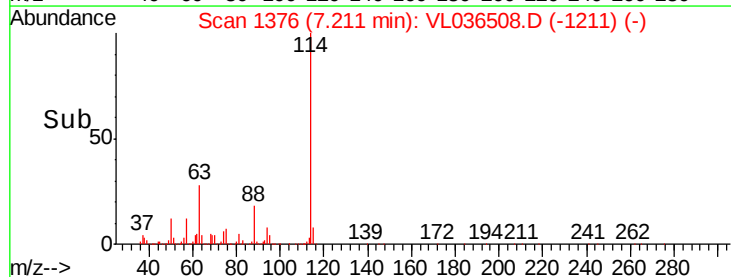
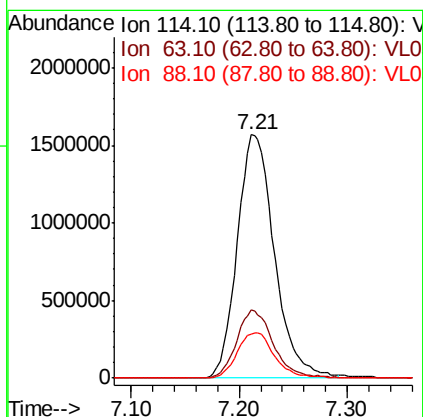
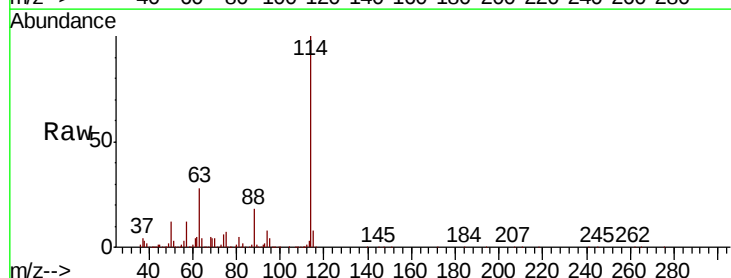
Tgt Ion: 114 Resp: 3761049

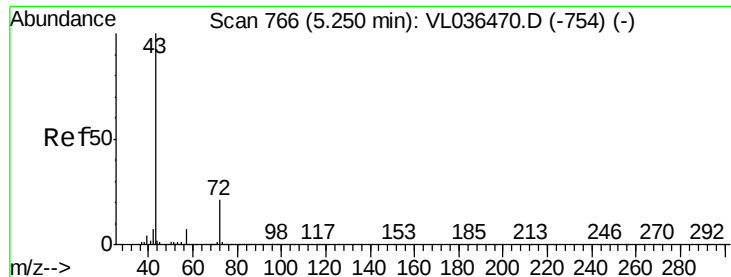
Ion Ratio Lower Upper

114 100

63 27.7 22.4 33.6

88 19.0 15.4 23.0





#34

2-Butanone

Concen: 0.788 ppbv

RT: 5.29 min Scan# 779

Delta R.T. 0.04 min

Lab File: VL036508.D

Acq: 26 Mar 2021 10:58

Instrument :

MSVOA_L

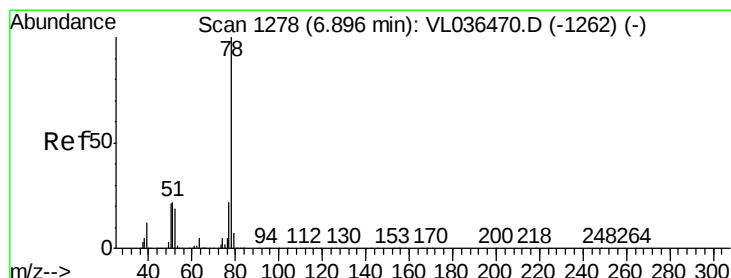
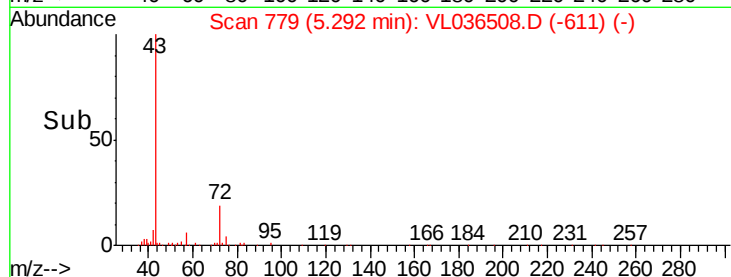
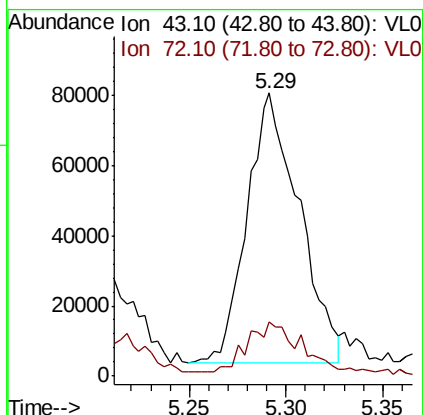
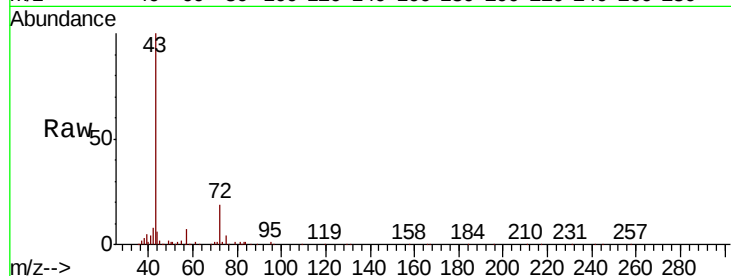
ClientSampleId :

Tot Ion: 43 Resp: 144624

Ion Ratio Lower Upper

43 100

72 24.5 17.0 25.6



#36

Benzene

Concen: 0.412 ppbv

RT: 6.93 min Scan# 1288

Delta R.T. 0.03 min

Lab File: VL036508.D

Acq: 26 Mar 2021 10:58

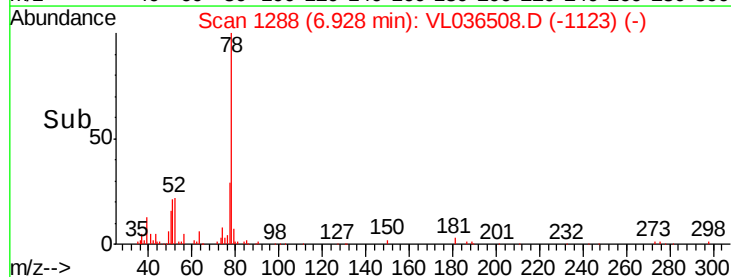
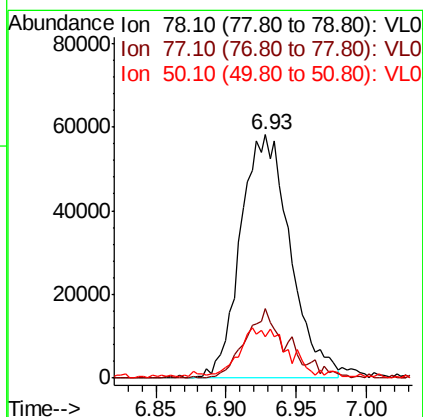
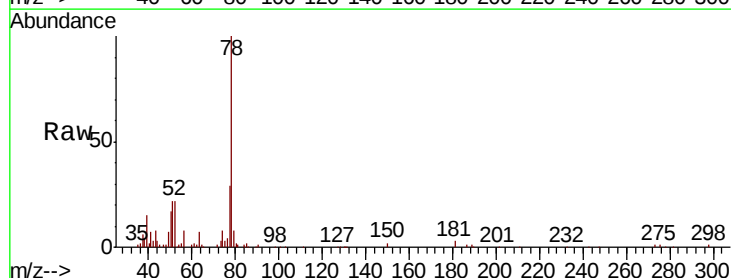
Tgt Ion: 78 Resp: 142864

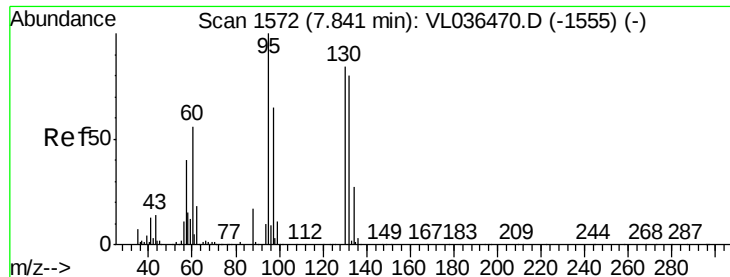
Ion Ratio Lower Upper

78 100

77 28.9 18.0 27.0#

50 15.9 16.5 24.7#





#38

Trichloroethene

Concen: 202.810 ppbv

RT: 7.89 min Scan# 1588

Delta R.T. 0.05 min

Lab File: VL036508.D

Acq: 26 Mar 2021 10:58

Instrument :

MSVOA_L

ClientSampleId :

Tot Ion:130 Resp:27377613

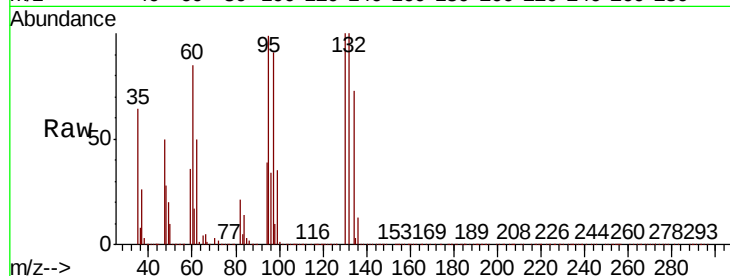
Ion Ratio Lower Upper

130 100

95 99.3 95.7 143.5

132 100.4 76.2 114.4

97 91.1 61.8 92.6

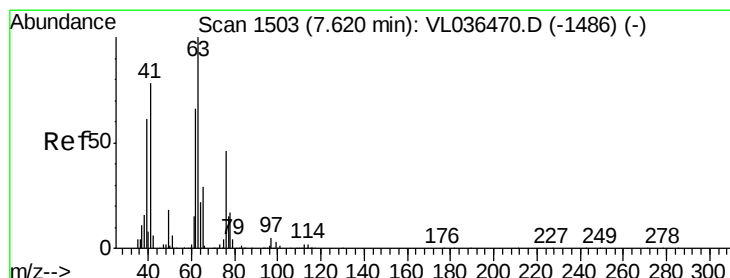
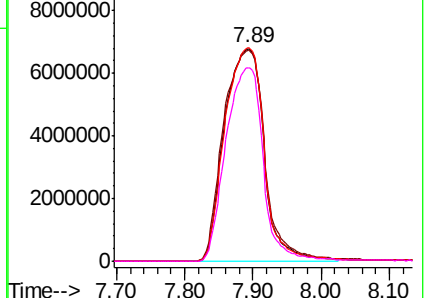
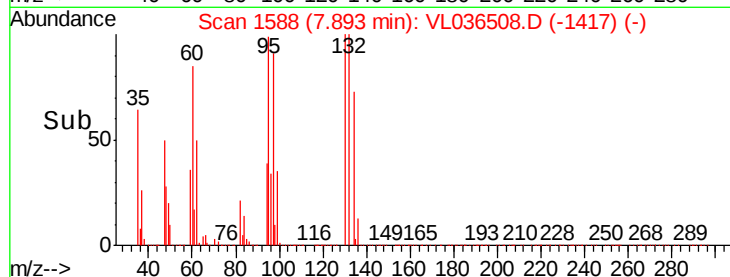


Abundance Ion 130.00 (129.70 to 130.70): V

Ion 95.00 (94.70 to 95.70): VL0

Ion 132.00 (131.70 to 132.70): V

Ion 97.00 (96.70 to 97.70): VL0



#39

1,2-Dichloropropane

Concen: 1.840 ppbv

RT: 7.89 min Scan# 1586

Delta R.T. 0.27 min

Lab File: VL036508.D

Acq: 26 Mar 2021 10:58

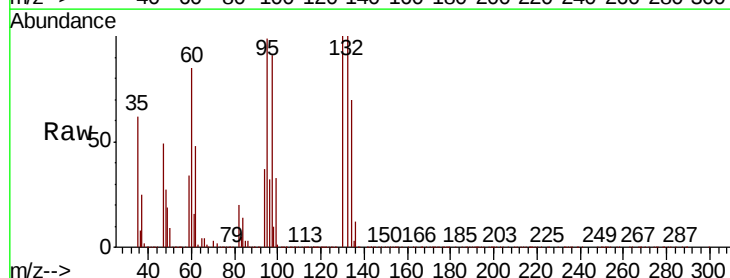
Tgt Ion: 63 Resp: 258887

Ion Ratio Lower Upper

63 100

41 15.8 62.4 93.6#

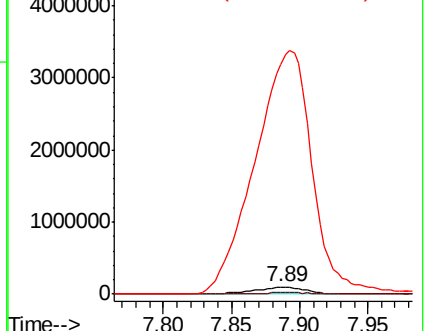
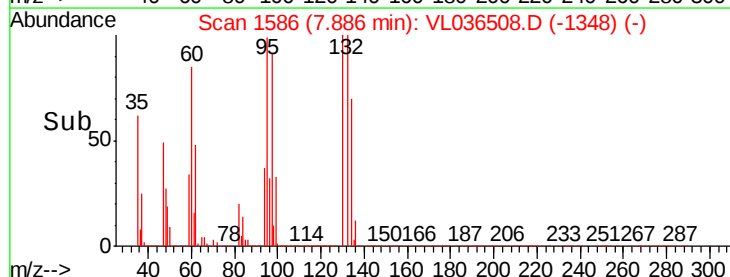
62 3200.2 52.8 79.2#

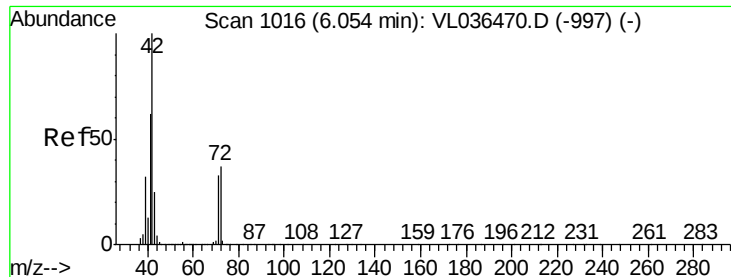


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0





#41

Tetrahydrofuran

Concen: 13.157 ppbv

RT: 5.71 min Scan# 909

Delta R.T. -0.34 min

Lab File: VL036508.D

Acq: 26 Mar 2021 10:58

Instrument :

MSVOA_L

ClientSampleId :

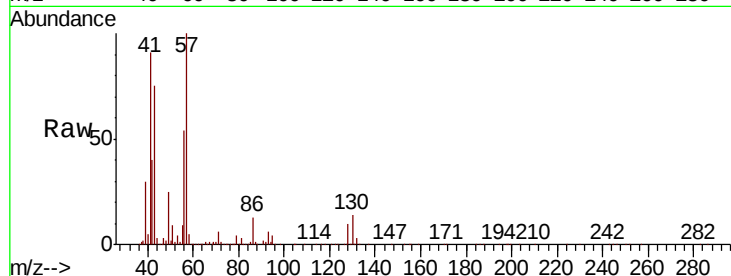
Tot Ion: 42 Resp: 1113735

Ion Ratio Lower Upper

42 100

72 0.9 27.6 41.4#

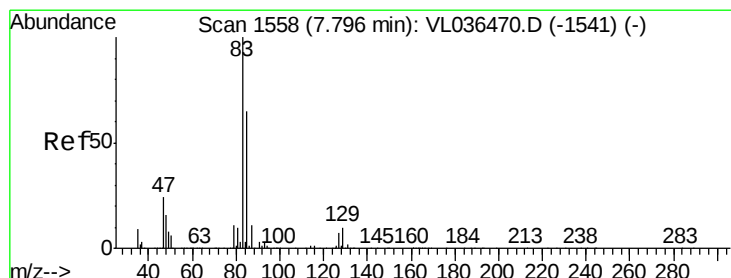
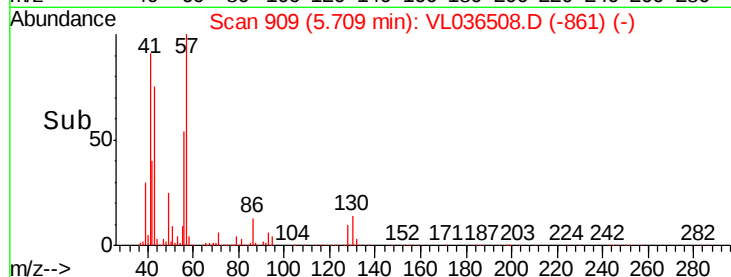
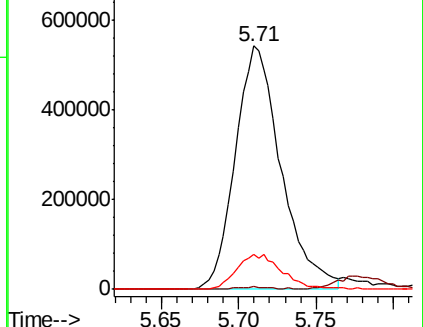
71 14.5 27.0 40.4#



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



#42

Bromodichloromethane

Concen: 3.049 ppbv

RT: 7.89 min Scan# 1588

Delta R.T. 0.10 min

Lab File: VL036508.D

Acq: 26 Mar 2021 10:58

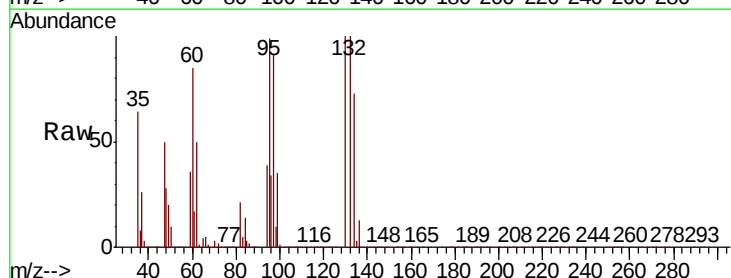
Tgt Ion: 83 Resp: 846677

Ion Ratio Lower Upper

83 100

85 64.5 51.8 77.6

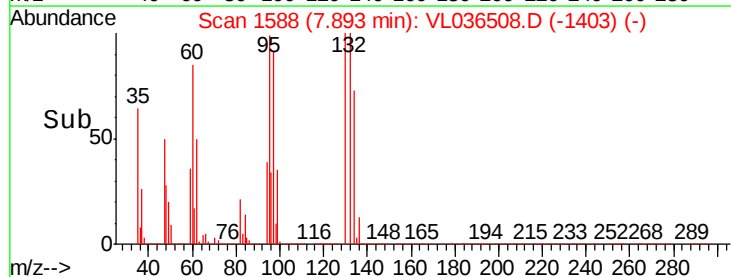
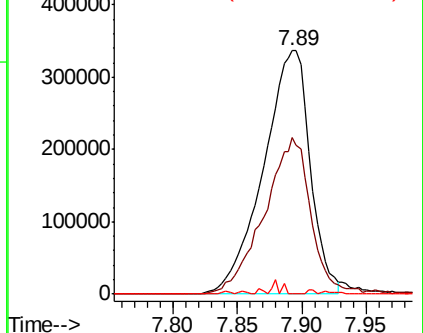
127 0.0 5.8 8.8#

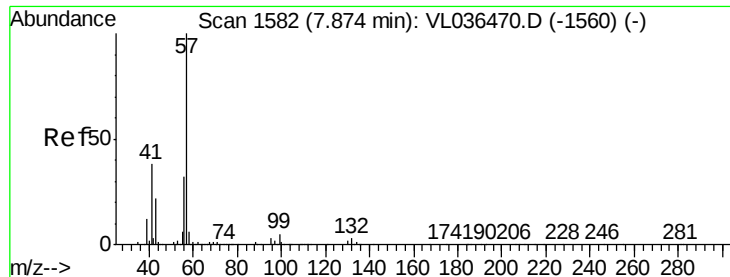


Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0

Ion 126.90 (126.60 to 127.60): V

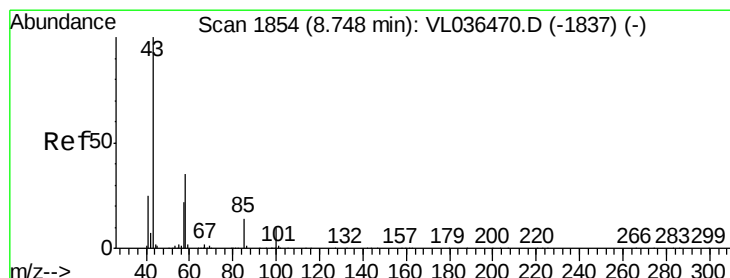
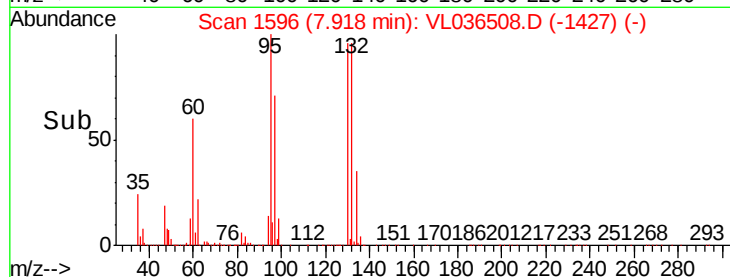
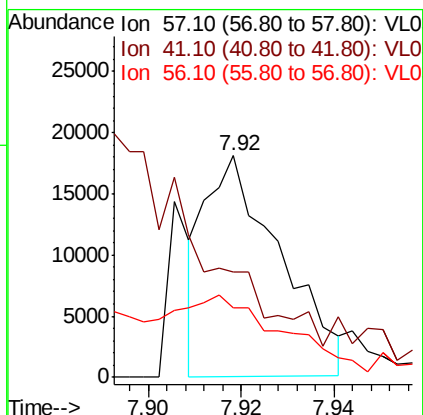
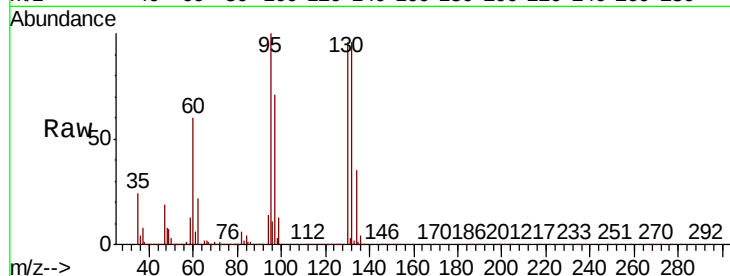




#44
2,2,4-Trimethylpentane
Concen: 0.034 ppbv
RT: 7.92 min Scan# 1596
Delta R.T. 0.04 min
Lab File: VL036508.D
Acq: 26 Mar 2021 10:58

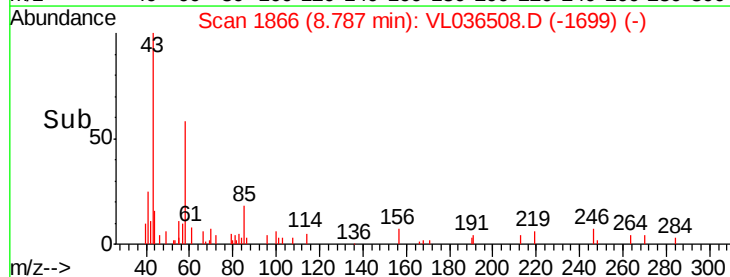
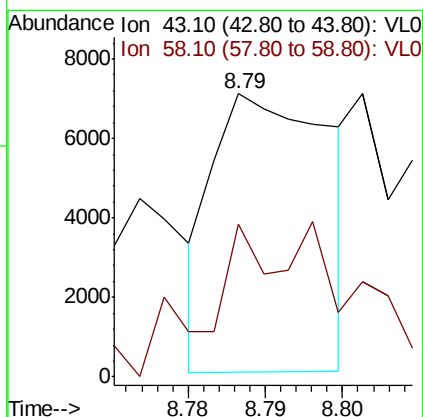
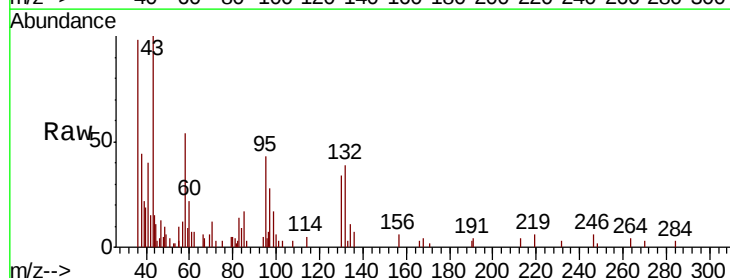
Instrument :
MSVOA_L
ClientSampleId :

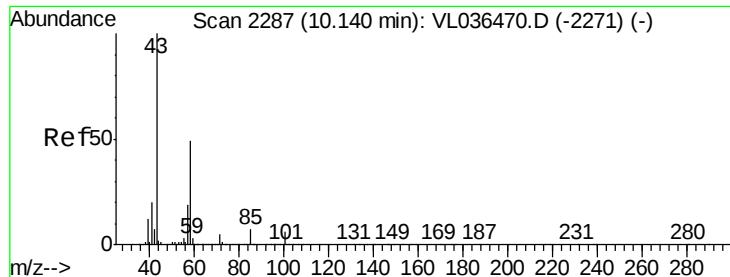
Tot Ion: 57 Resp: 20533
Ion Ratio Lower Upper
57 100
41 0.0 28.8 43.2#
56 115.1 26.1 39.1#



#50
4-Methyl-2-Pentanone
Concen: 0.027 ppbv
RT: 8.79 min Scan# 1866
Delta R.T. 0.04 min
Lab File: VL036508.D
Acq: 26 Mar 2021 10:58

Tgt Ion: 43 Resp: 7282
Ion Ratio Lower Upper
43 100
58 0.0 28.2 42.2#

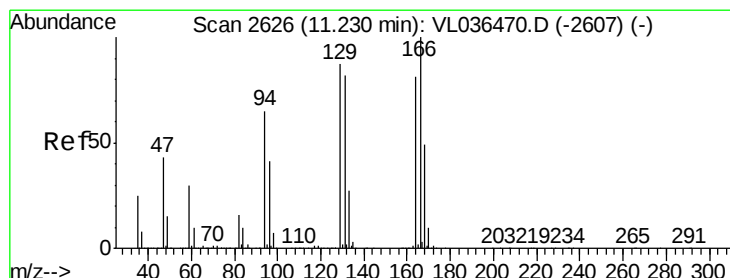
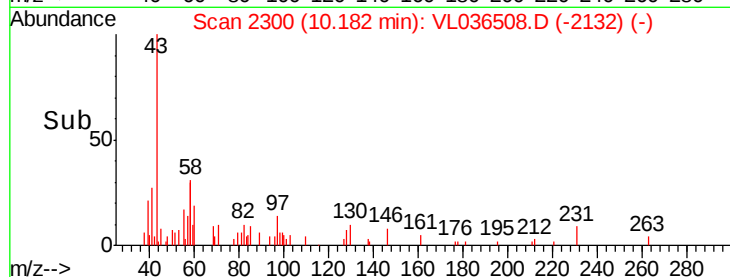
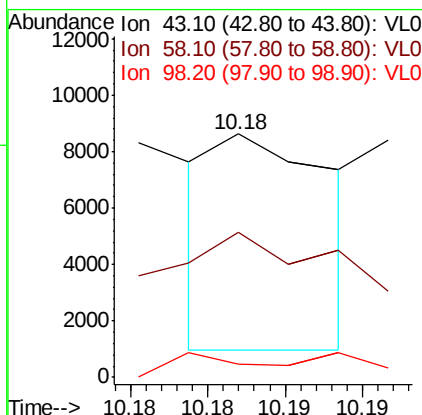
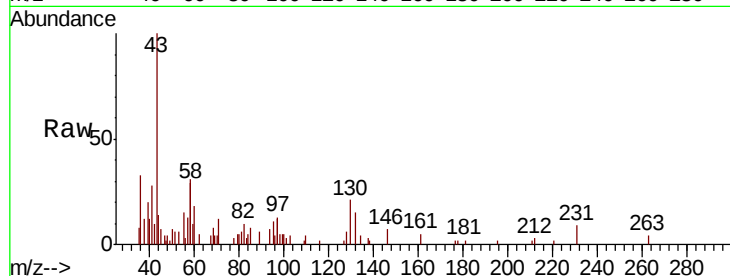




#51
2-Hexanone
Concen: 0.030 ppbv
RT: 10.18 min Scan# 2300
Delta R.T. 0.04 min
Lab File: VL036508.D
Acq: 26 Mar 2021 10:58

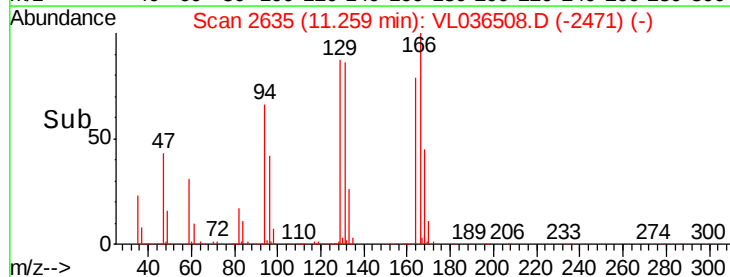
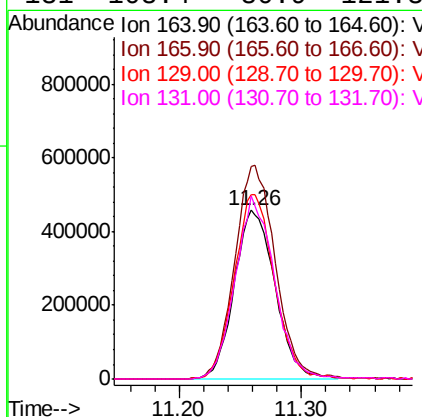
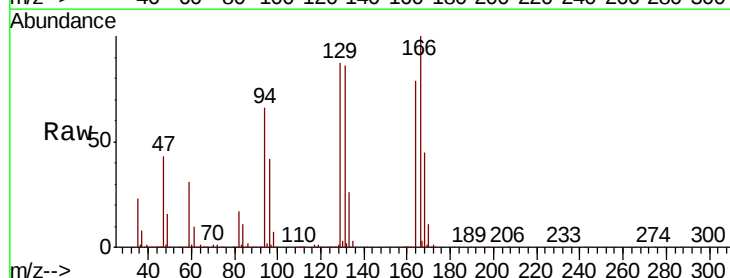
Instrument :
MSVOA_L
ClientSampleId :

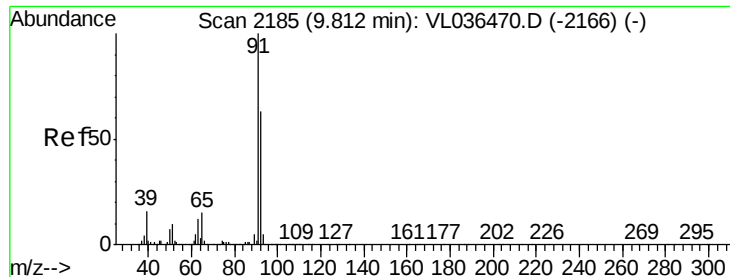
Tot Ion: 43 Resp: 3980
Ion Ratio Lower Upper
43 100
58 303.2 37.7 56.5#
98 0.0 0.2 0.2#



#52
Tetrachloroethene
Concen: 8.278 ppbv
RT: 11.26 min Scan# 2635
Delta R.T. 0.03 min
Lab File: VL036508.D
Acq: 26 Mar 2021 10:58

Tgt Ion: 164 Resp: 1057347
Ion Ratio Lower Upper
164 100
166 125.7 98.3 147.5
129 109.4 85.8 128.8
131 108.4 80.9 121.3





#53

Toluene

Concen: 0.317 ppbv

RT: 9.84 min Scan# 2195

Delta R.T. 0.03 min

Lab File: VL036508.D

Acq: 26 Mar 2021 10:58

Instrument :

MSVOA_L

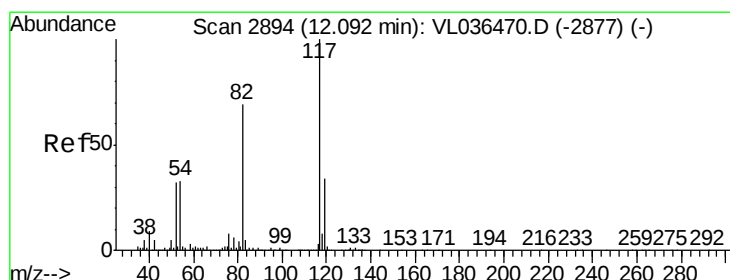
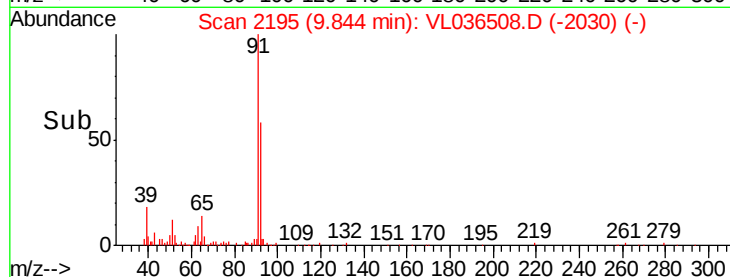
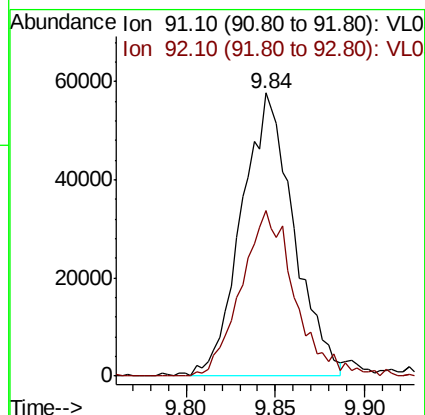
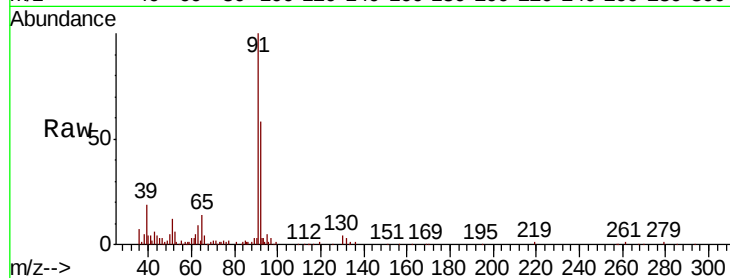
ClientSampleId :

Tot Ion: 91 Resp: 116935

Ion Ratio Lower Upper

91 100

92 61.3 48.8 73.2



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.12 min Scan# 2903

Delta R.T. 0.03 min

Lab File: VL036508.D

Acq: 26 Mar 2021 10:58

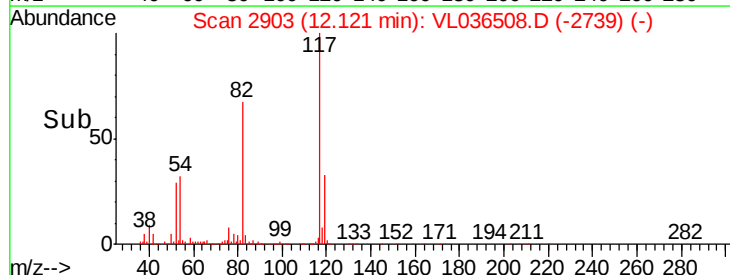
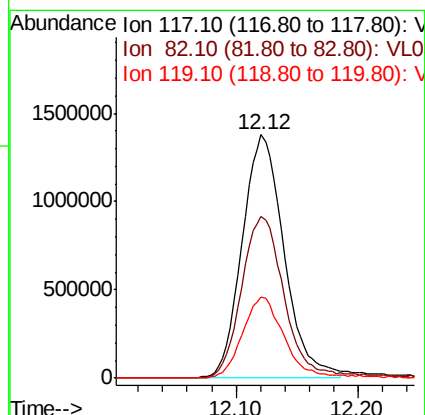
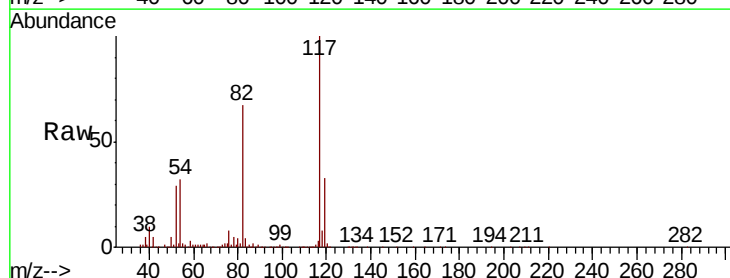
Tgt Ion: 117 Resp: 3269890

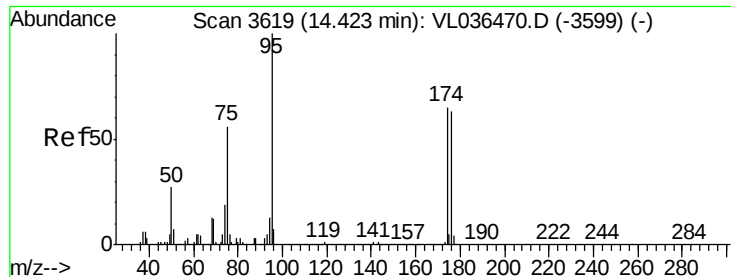
Ion Ratio Lower Upper

117 100

82 70.1 57.4 86.0

119 34.0 47.4 71.0#

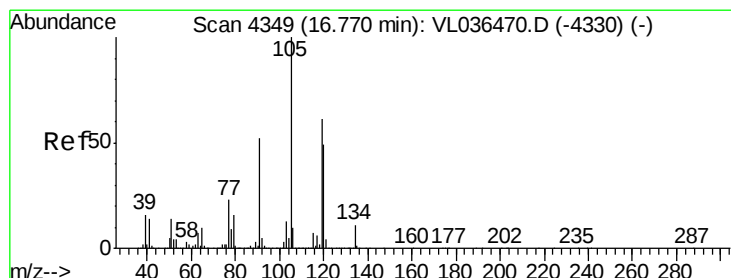
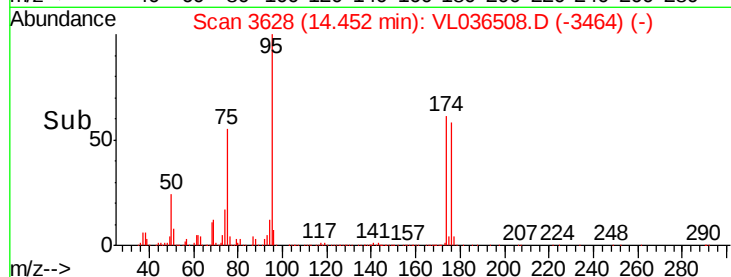
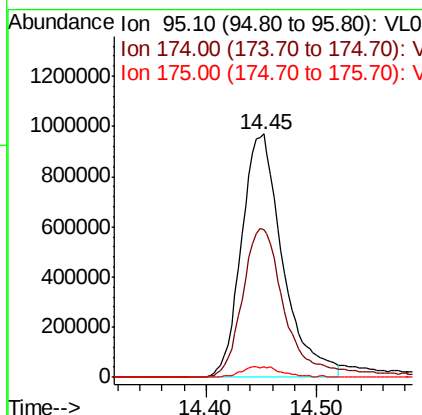
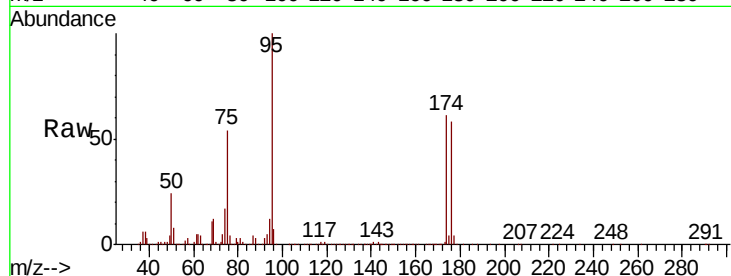




#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.610 ppbv
 RT: 14.45 min Scan# 3628
 Delta R.T. 0.03 min
 Lab File: VL036508.D
 Acq: 26 Mar 2021 10:58

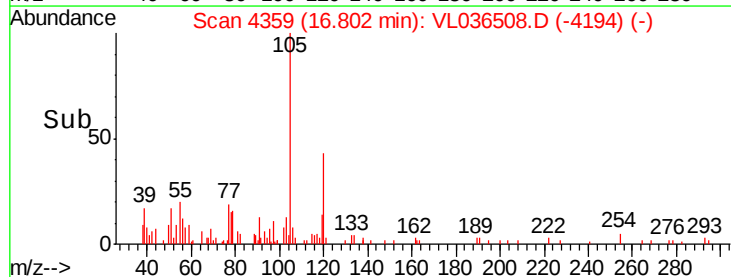
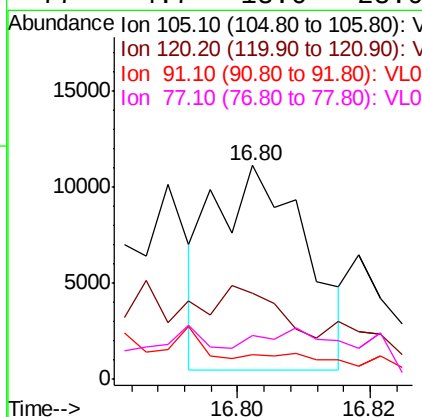
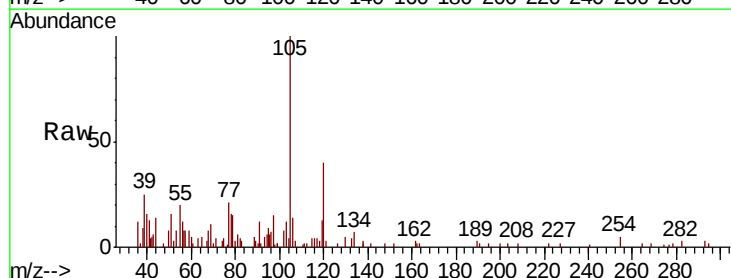
Instrument :
 MSVOA_L
 ClientSampleId :

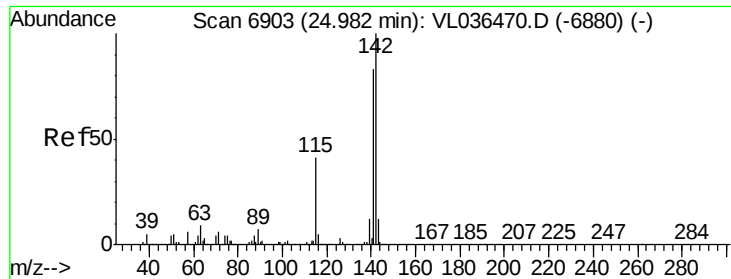
Tot Ion: 95 Resp: 2504408
 Ion Ratio Lower Upper
 95 100
 174 66.5 51.0 76.6
 175 4.9 3.9 5.9



#74
 1,2,4-Trimethylbenzene
 Concen: 0.024 ppbv
 RT: 16.80 min Scan# 4359
 Delta R.T. 0.03 min
 Lab File: VL036508.D
 Acq: 26 Mar 2021 10:58

Tgt Ion: 105 Resp: 10326
 Ion Ratio Lower Upper
 105 100
 120 22.7 39.2 58.8#
 91 9.2 42.6 64.0#
 77 4.7 18.6 28.0#





#80
 Naphthalene,2-methyl-
 Concen: 0.025 ppbv
 RT: 25.07 min Scan# 6930
 Delta R.T. 0.09 min
 Lab File: VL036508.D
 Acq: 26 Mar 2021 10:58

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	26.9	67.8	101.8#
115	93.0	34.0	51.0#

