

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040821\
 Data File : VL036760.D
 Acq On : 8 Apr 2021 21:14
 Operator : SY/AP
 Sample : M1981-01DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-3DL

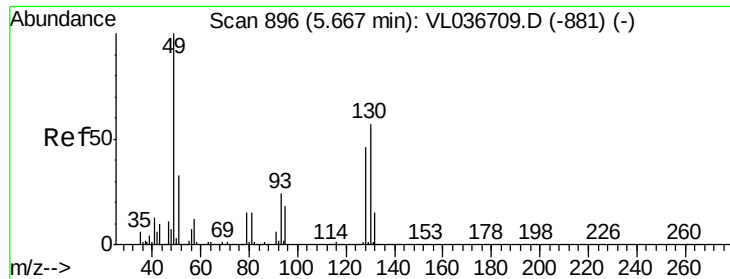
Quant Time: Apr 09 08:41:22 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 25 09:42:40 2021
 QLast Update : Thu Mar 25 09:42:40 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1378613	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.17	114	3587740	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.08	117	2939630	10.00	ppbv	-0.01

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.41	95	1887755	8.06	ppbv	-0.01	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	80.60%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	7110	0.032	ppbv	99
3) Chlorodifluoromethane	2.98	51	10242	0.040	ppbv #	86
4) Chloromethane	3.13	50	2935	0.032	ppbv #	87
5) Vinyl Chloride	3.25	62	102718	1.098	ppbv	93
7) Chloroethane	3.31	64	1093	0.034	ppbv #	75
9) Propene	3.01	41	184650	2.249	ppbv	93
10) Heptane	8.11	43	44179	0.211	ppbv #	50
13) Ethanol	3.60	45	23770	2.431	ppbv #	1
15) Acetone	3.84	43	542520	3.998	ppbv	100
16) 1,3-Butadiene	3.33	39	5054	0.054	ppbv #	13
19) Isopropyl Alcohol	3.99	45	11192	0.150	ppbv #	1
20) Methylene Chloride	4.34	84	235658	3.709	ppbv	96
22) trans-1,2-Dichloroethene	4.88	96	10359	0.171	ppbv	91
23) Vinyl Acetate	5.05	43	15940	0.069	ppbv #	1
25) Ethyl Acetate	5.68	43	210104	0.651	ppbv #	80
26) Hexane	5.68	57	279433	1.867	ppbv #	48
27) Carbon Disulfide	4.55	76	32324	0.219	ppbv #	58
30) Cyclohexane	7.12	84	12183	0.100	ppbv #	1
31) cis-1,2-Dichloroethene	5.54	61	344498	2.379	ppbv	95
34) 2-Butanone	5.25	43	47481	0.271	ppbv #	79
36) Benzene	6.88	78	202093	0.611	ppbv	97
38) Trichloroethene	7.83	130	434497	3.374	ppbv	96
39) 1,2-Dichloropropane	7.17	63	938759	6.994	ppbv #	24
44) 2,2,4-Trimethylpentane	7.86	57	744486	1.278	ppbv #	84
47) 1,1,2-Trichloroethane	9.36	97	6604	0.049	ppbv #	1
50) 4-Methyl-2-Pentanone	8.76	43	11456	0.045	ppbv #	26
51) 2-Hexanone	10.10	43	346539	2.710	ppbv #	31
53) Toluene	9.80	91	149337	0.424	ppbv	99
57) Chlorobenzene	12.14	112	23086	0.092	ppbv #	47
58) Ethyl Benzene	12.71	91	180402	0.422	ppbv	100
59) m/p-Xylene	12.96	91	153310	0.411	ppbv #	50
60) o-Xylene	13.69	91	202849	0.562	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.66	83	10370	0.038	ppbv #	24
69) p-Isopropyltoluene	17.65	119	15711	0.034	ppbv #	46
72) 4-Ethyltoluene	15.83	105	22329	0.056	ppbv #	55
73) 1,3,5-Trimethylbenzene	15.99	105	97314	0.264	ppbv	87
74) 1,2,4-Trimethylbenzene	16.76	105	76787	0.195	ppbv #	65

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 893

Delta R.T. -0.01 min

Lab File: VL036760.D

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SG-3DL

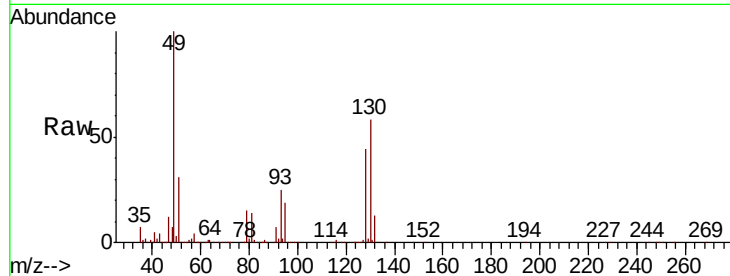
Tot Ion: 49 Resp: 1378613

Ion Ratio Lower Upper

49 100

128 50.1 23.5 70.6

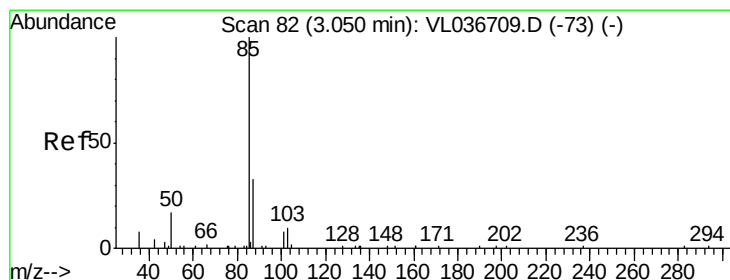
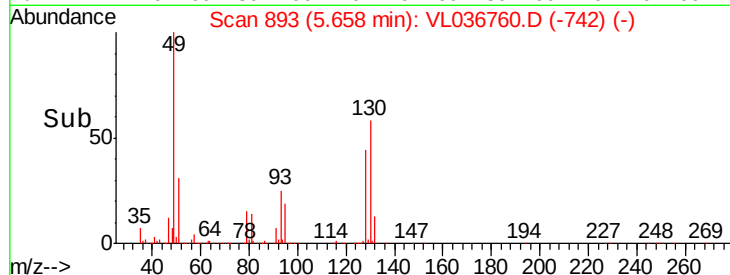
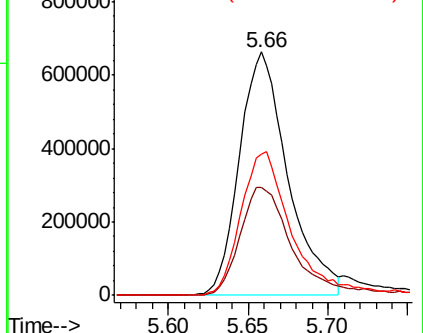
130 64.3 29.1 87.4



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#2

Dichlorodifluoromethane

Concen: 0.032 ppbv

RT: 3.04 min Scan# 78

Delta R.T. -0.01 min

Lab File: VL036760.D

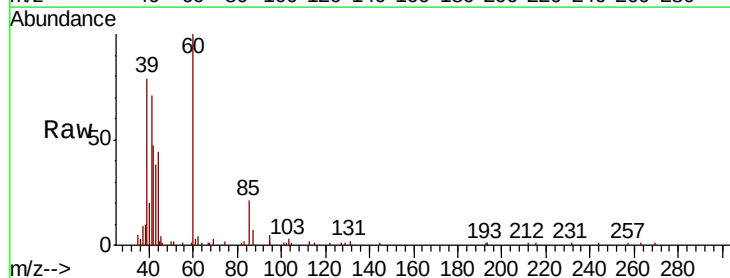
Acq: 8 Apr 2021 21:14

Tgt Ion: 85 Resp: 7110

Ion Ratio Lower Upper

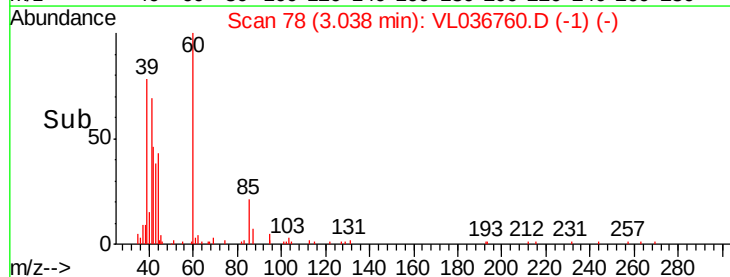
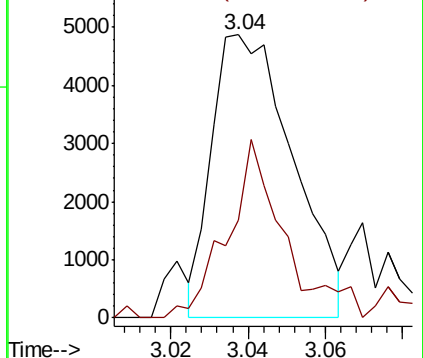
85 100

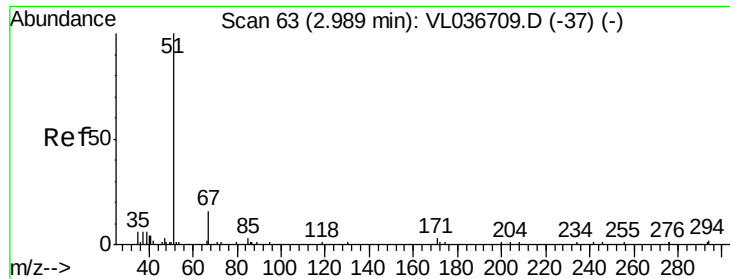
87 35.1 27.8 41.8



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.040 ppbv

RT: 2.98 min Scan# 60

Delta R.T. -0.01 min

Lab File: VL036760.D

Acq: 8 Apr 2021 21:14

Instrument :

MSVOA_L

ClientSampleId :

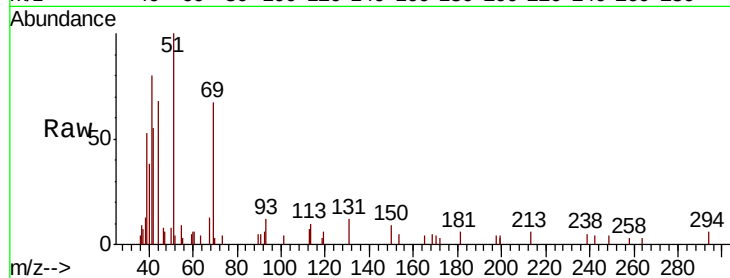
SG-3DL

Tot Ion: 51 Resp: 10242

Ion Ratio Lower Upper

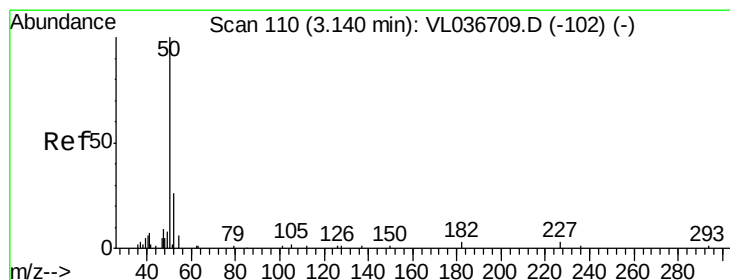
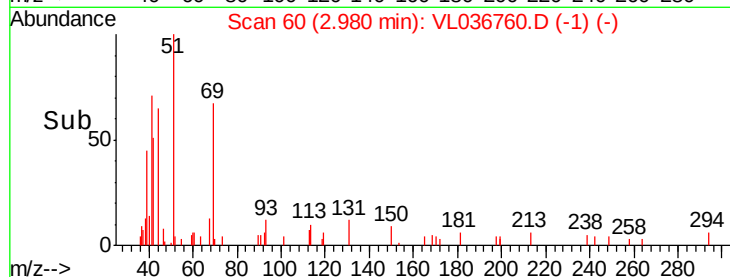
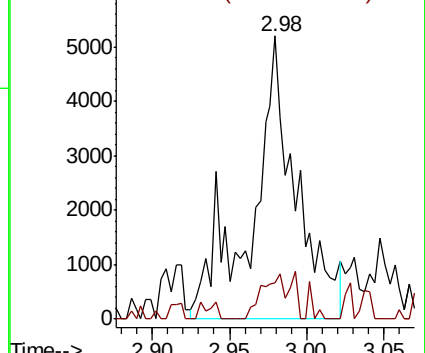
51 100

67 12.3 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: 0.032 ppbv

RT: 3.13 min Scan# 107

Delta R.T. -0.01 min

Lab File: VL036760.D

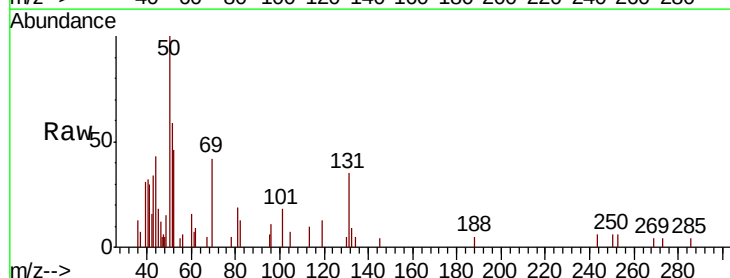
Acq: 8 Apr 2021 21:14

Tgt Ion: 50 Resp: 2935

Ion Ratio Lower Upper

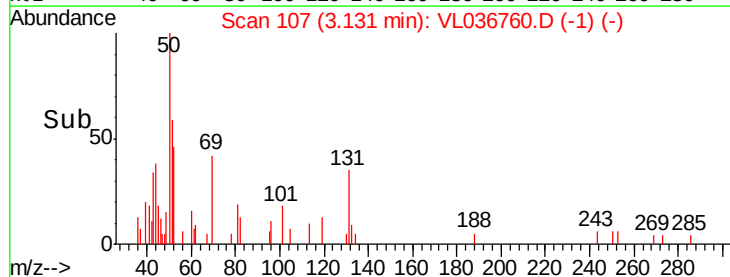
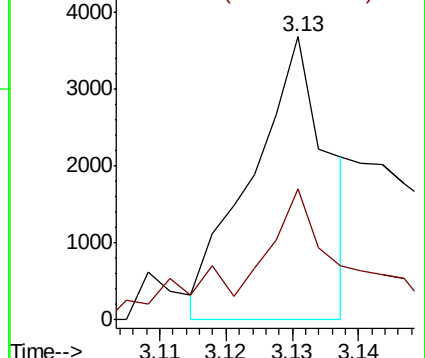
50 100

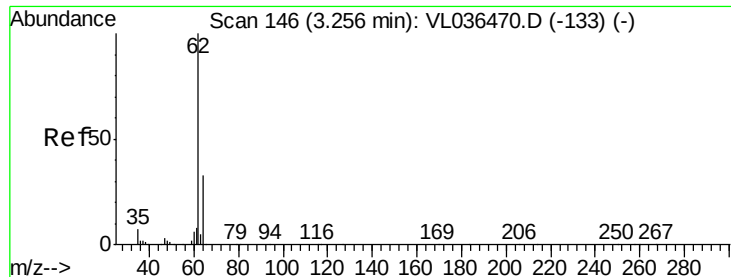
52 41.2 27.0 40.6#



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#5

Vinyl Chloride

Concen: 1.098 ppbv

RT: 3.25 min Scan# 144

Delta R.T. -0.01 min

Lab File: VL036760.D

Acq: 8 Apr 2021 21:14

Instrument :

MSVOA_L

ClientSampleId :

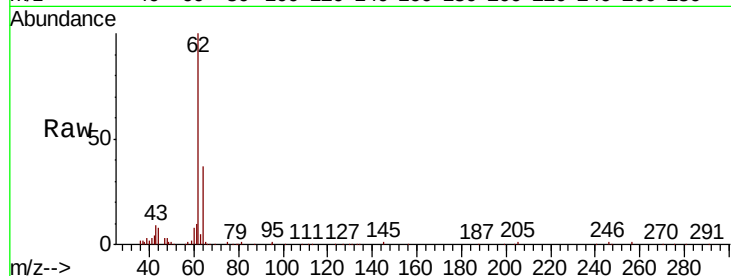
SG-3DL

Tot Ion: 62 Resp: 102718

Ion Ratio Lower Upper

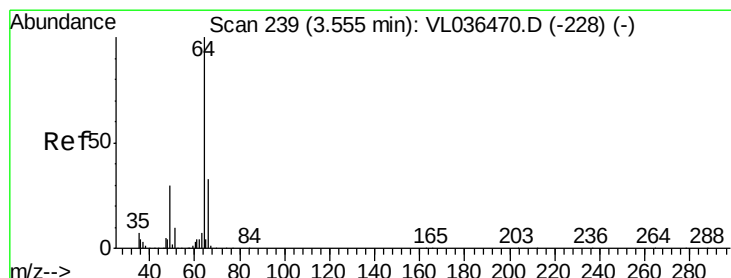
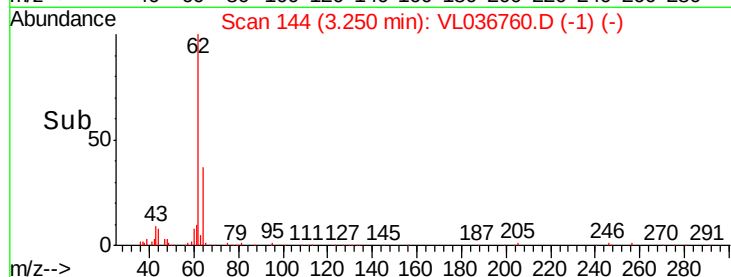
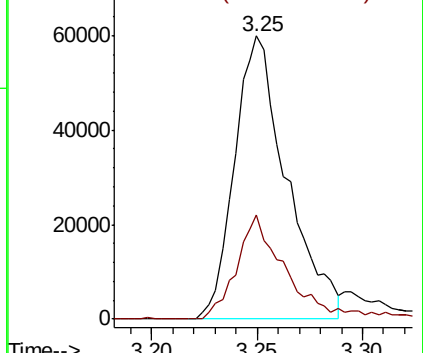
62 100

64 36.7 26.4 39.6



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0



#7

Chloroethane

Concen: 0.034 ppbv

RT: 3.31 min Scan# 163

Delta R.T. -0.24 min

Lab File: VL036760.D

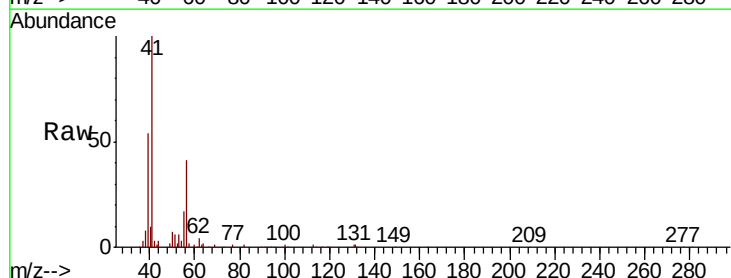
Acq: 8 Apr 2021 21:14

Tgt Ion: 64 Resp: 1093

Ion Ratio Lower Upper

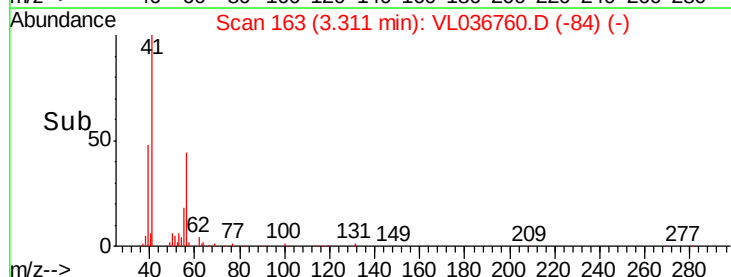
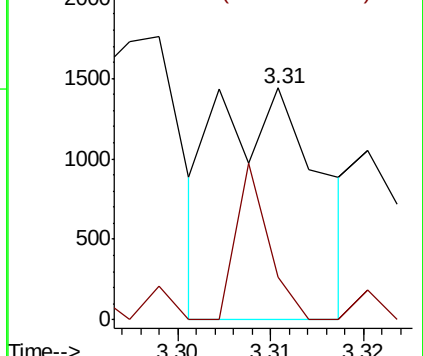
64 100

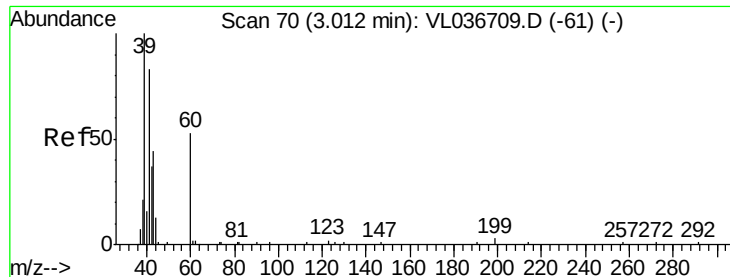
66 18.4 26.2 39.2#



Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0





#9

Propene

Concen: 2.249 ppbv

RT: 3.01 min Scan# 68

Delta R.T. -0.00 min

Lab File: VL036760.D

Acq: 8 Apr 2021 21:14

Instrument :

MSVOA_L

ClientSampled :

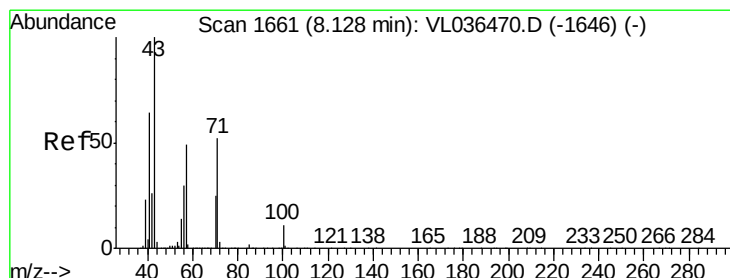
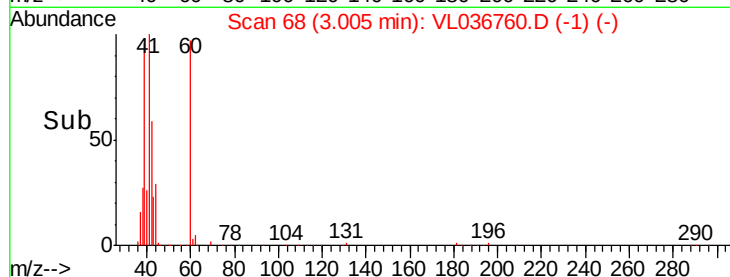
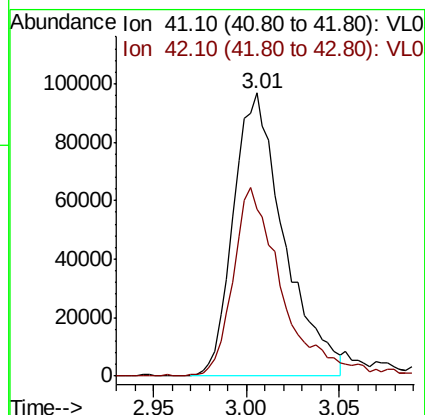
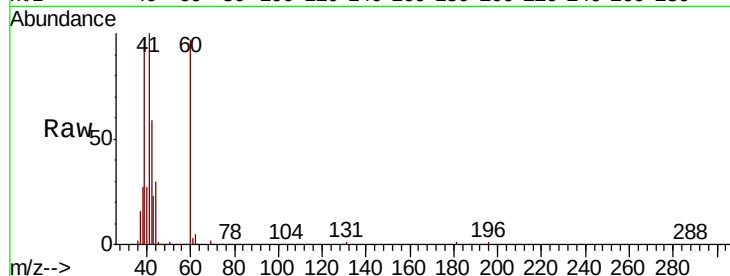
SG-3DL

Tot Ion: 41 Resp: 184650

Ion Ratio Lower Upper

41 100

42 65.4 57.0 85.4



#10

Heptane

Concen: 0.211 ppbv

RT: 8.11 min Scan# 1657

Delta R.T. -0.01 min

Lab File: VL036760.D

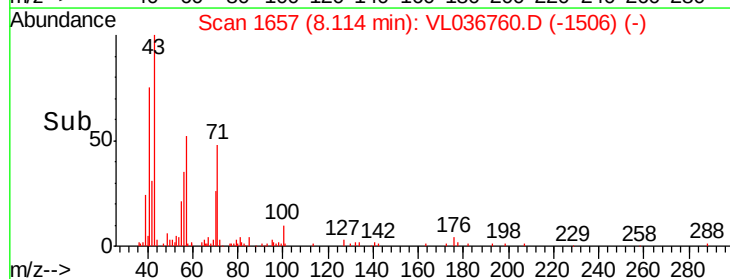
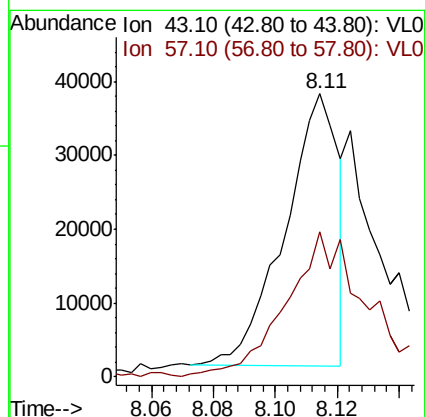
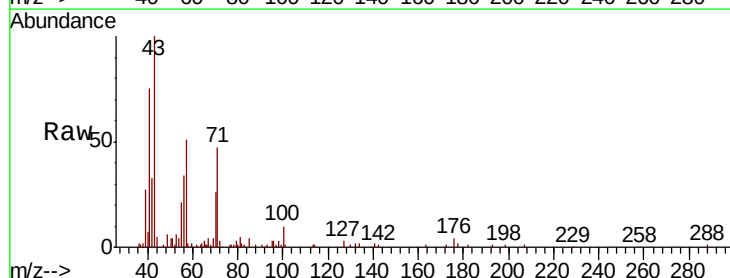
Acq: 8 Apr 2021 21:14

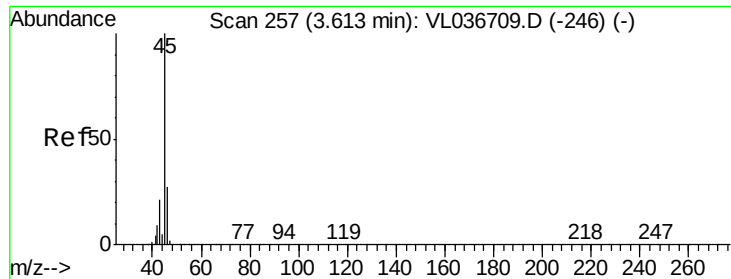
Tgt Ion: 43 Resp: 44179

Ion Ratio Lower Upper

43 100

57 82.7 39.0 58.6#

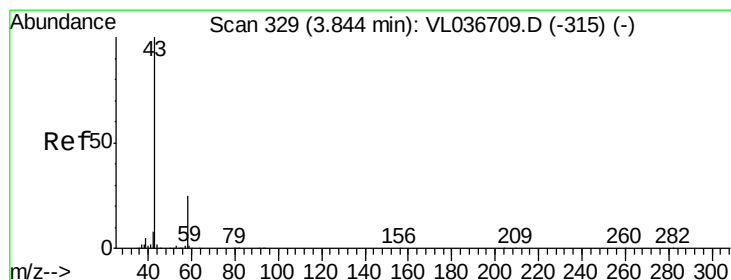
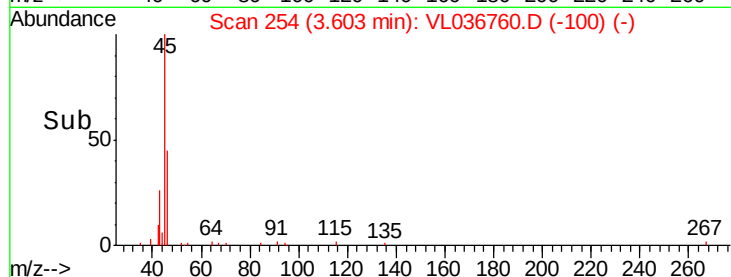
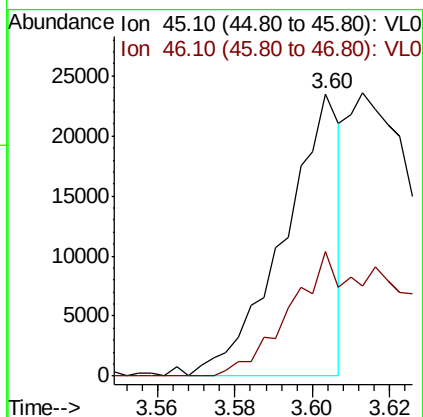
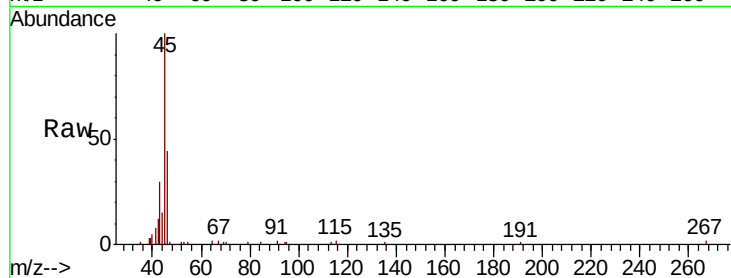




#13
Ethanol
Concen: 2.431 ppbv
RT: 3.60 min Scan# 254
Delta R.T. -0.00 min
Lab File: VL036760.D
Acq: 8 Apr 2021 21:14

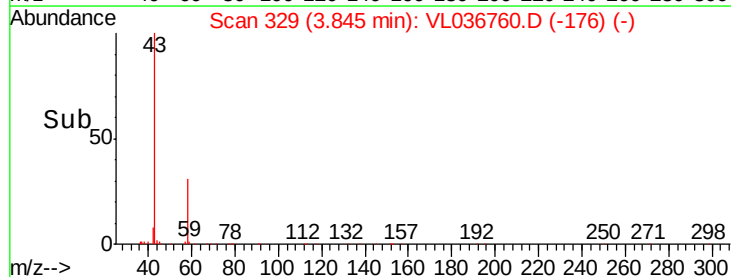
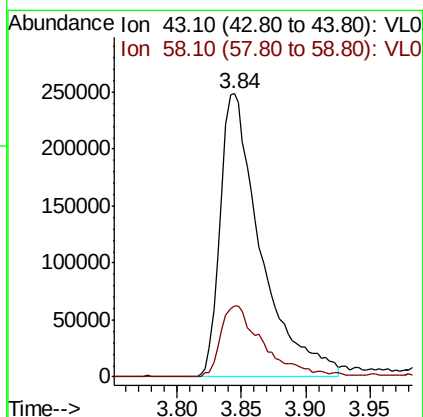
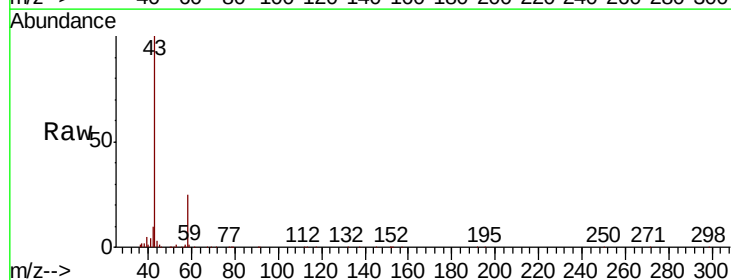
Instrument :
MSVOA_L
ClientSampleId :
SG-3DL

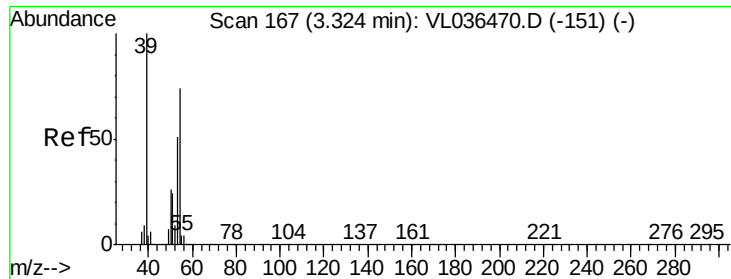
Tot Ion: 45 Resp: 23770
Ion Ratio Lower Upper
45 100
46 125.9 16.6 66.2#



#15
Acetone
Concen: 3.998 ppbv
RT: 3.84 min Scan# 329
Delta R.T. -0.01 min
Lab File: VL036760.D
Acq: 8 Apr 2021 21:14

Tgt Ion: 43 Resp: 542520
Ion Ratio Lower Upper
43 100
58 26.7 21.2 31.8

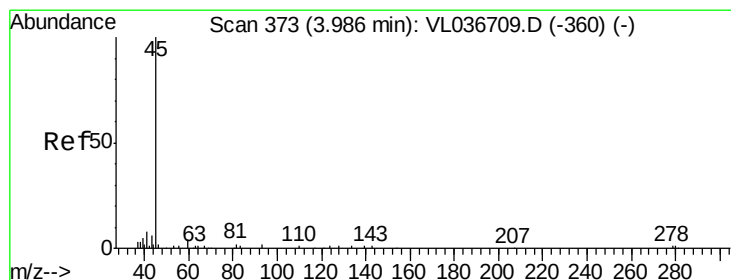
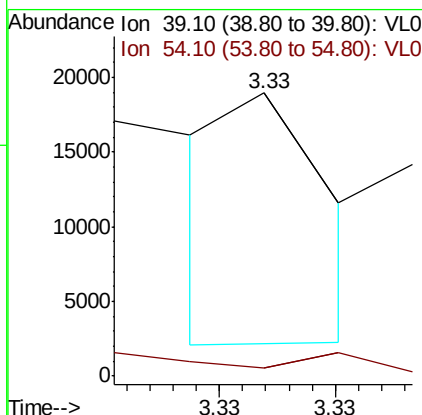
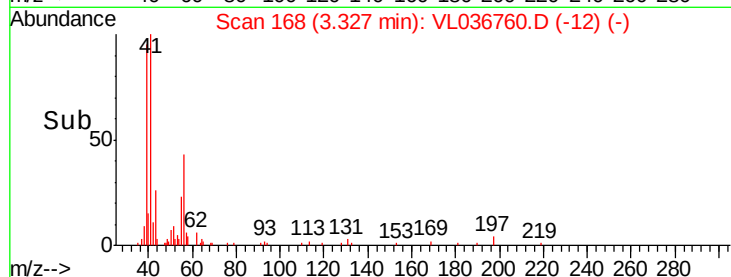
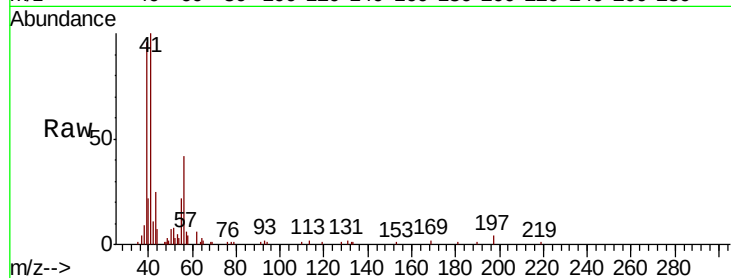




#16
 1,3-Butadiene
 Concen: 0.054 ppbv
 RT: 3.33 min Scan# 168
 Delta R.T. 0.00 min
 Lab File: VL036760.D
 Acq: 8 Apr 2021 21:14

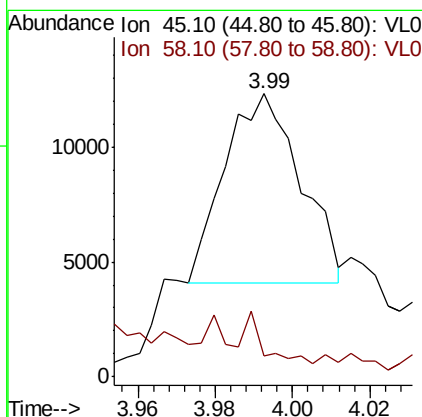
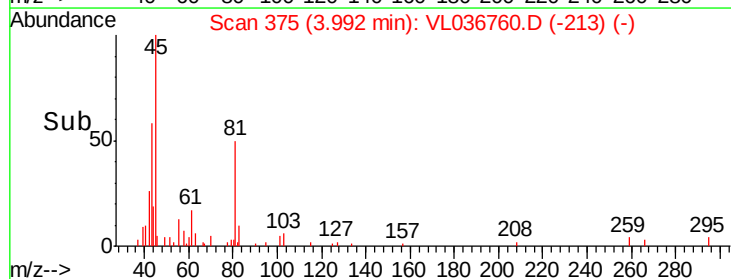
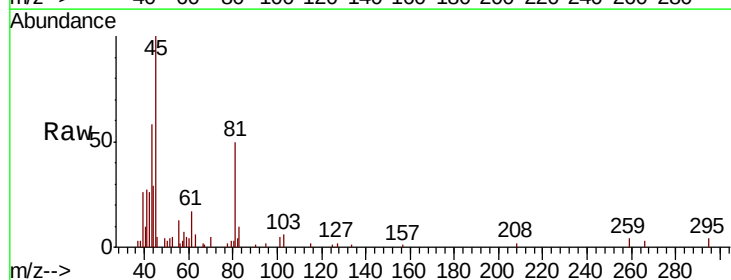
Instrument :
 MSVOA_L
 ClientSampleId :
 SG-3DL

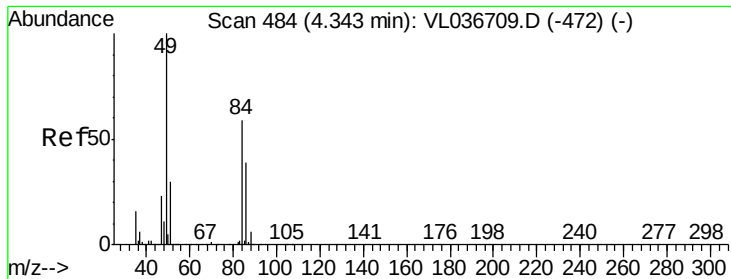
Tot Ion: 39 Resp: 5054
 Ion Ratio Lower Upper
 39 100
 54 0.0 58.8 88.2#



#19
 Isopropyl Alcohol
 Concen: 0.150 ppbv
 RT: 3.99 min Scan# 375
 Delta R.T. 0.02 min
 Lab File: VL036760.D
 Acq: 8 Apr 2021 21:14

Tgt Ion: 45 Resp: 11192
 Ion Ratio Lower Upper
 45 100
 58 1364.5 2.9 4.3#

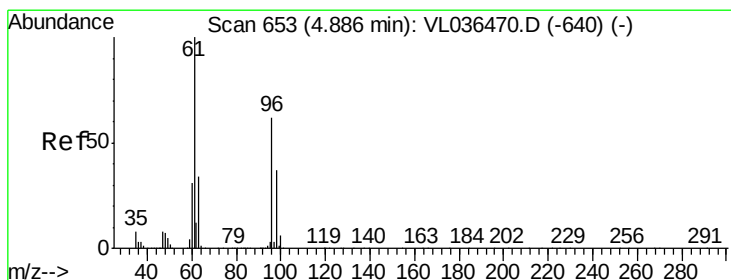
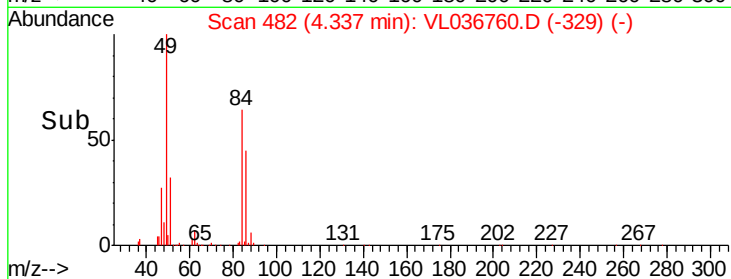
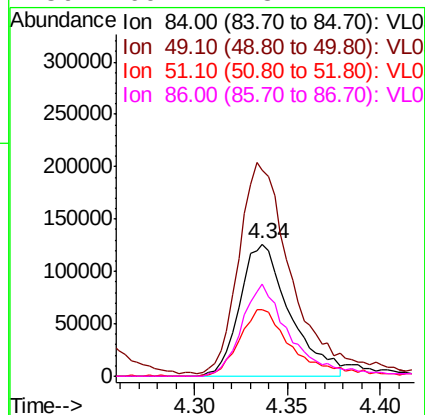
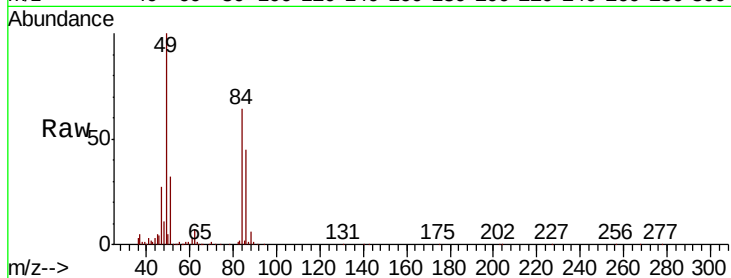




#20
Methylene Chloride
Concen: 3.709 ppbv
RT: 4.34 min Scan# 482
Delta R.T. -0.01 min
Lab File: VL036760.D
Acq: 8 Apr 2021 21:14

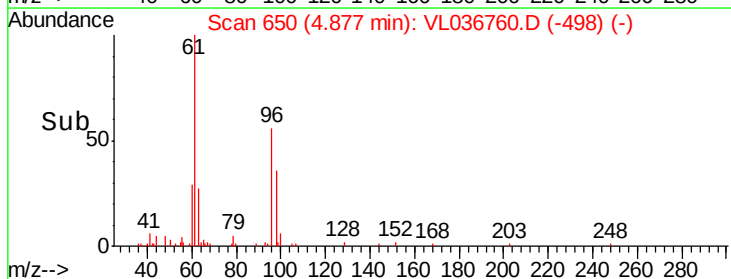
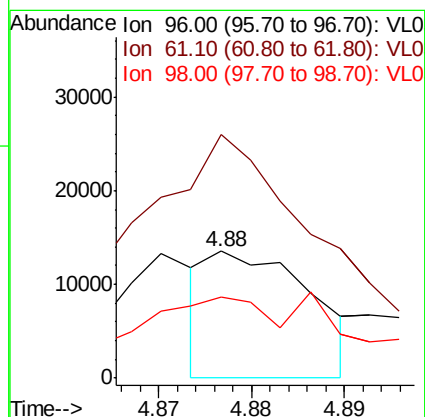
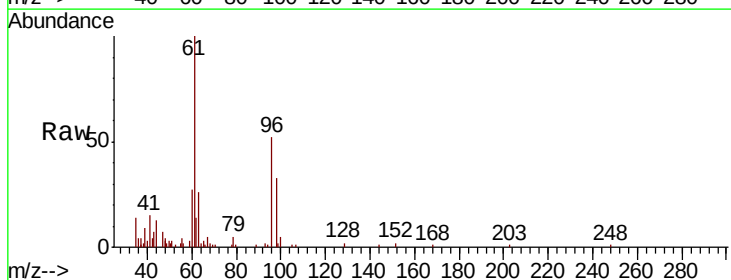
Instrument :
MSVOA_L
ClientSampleId :
SG-3DL

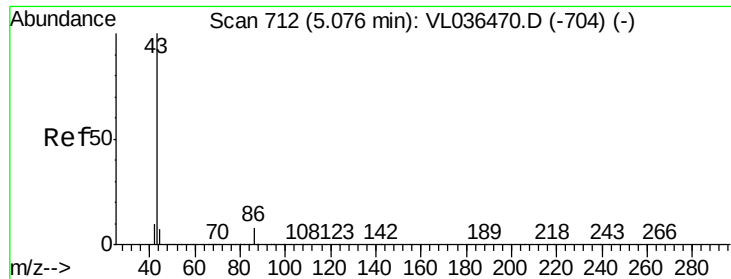
Tot Ion:	84	Resp:	235658
Ion	Ratio	Lower	Upper
84	100		
49	153.0	122.9	184.3
51	50.2	36.9	55.3
86	69.7	48.2	72.4



#22
trans-1,2-Dichloroethene
Concen: 0.171 ppbv
RT: 4.88 min Scan# 650
Delta R.T. -0.01 min
Lab File: VL036760.D
Acq: 8 Apr 2021 21:14

Tgt Ion:	96	Resp:	10359
Ion	Ratio	Lower	Upper
96	100		
61	176.3	129.4	194.0
98	57.3	48.2	72.4





#23

Vinyl Acetate

Concen: 0.069 ppbv

RT: 5.05 min Scan# 704

Delta R.T. -0.03 min

Lab File: VL036760.D

Acq: 8 Apr 2021 21:14

Instrument :

MSVOA_L

ClientSampleId :

SG-3DL

Tot Ion: 43 Resp: 15940

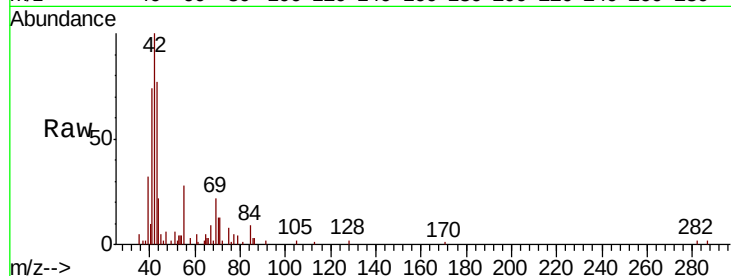
Ion Ratio Lower Upper

43 100

86 7.7 5.4 8.0

42 131.8 8.5 12.7#

44 10.7 4.6 7.0#

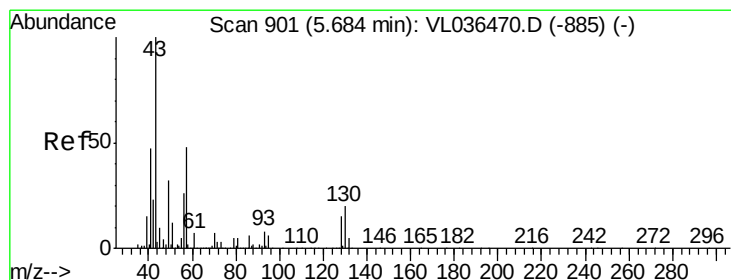
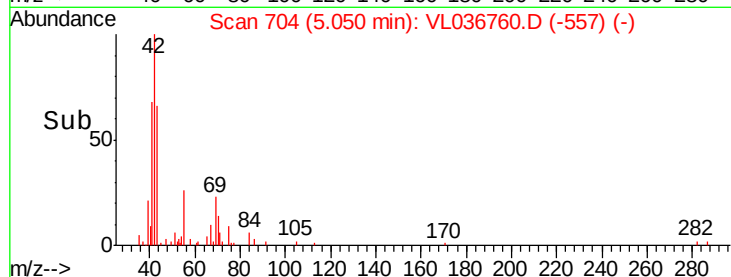
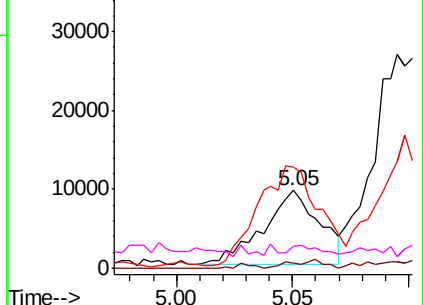


Abundance Ion 43.10 (42.80 to 43.80): VL0

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: 0.651 ppbv

RT: 5.68 min Scan# 899

Delta R.T. -0.01 min

Lab File: VL036760.D

Acq: 8 Apr 2021 21:14

Tgt Ion: 43 Resp: 210104

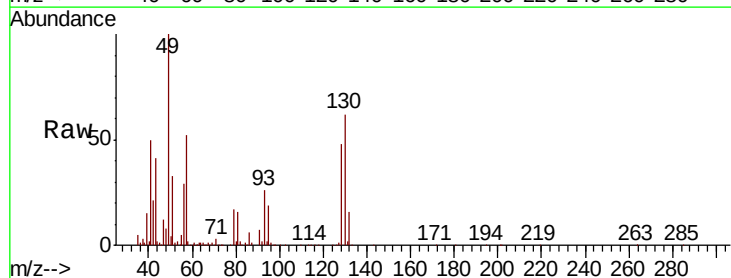
Ion Ratio Lower Upper

43 100

45 3.1 7.9 11.9#

61 0.0 7.4 11.2#

70 1.2 5.1 7.7#

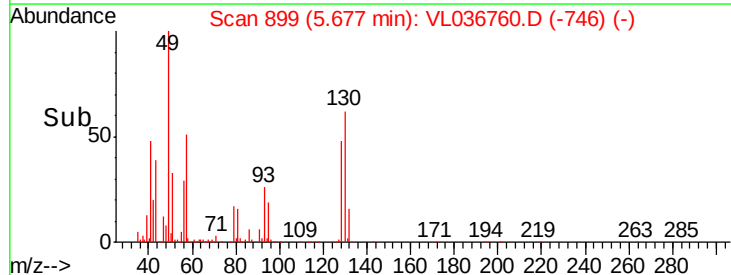
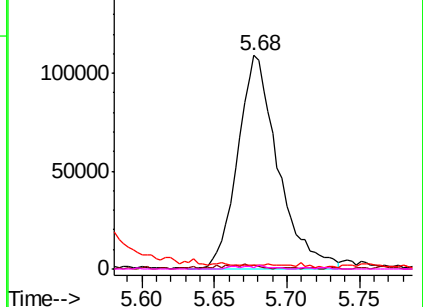


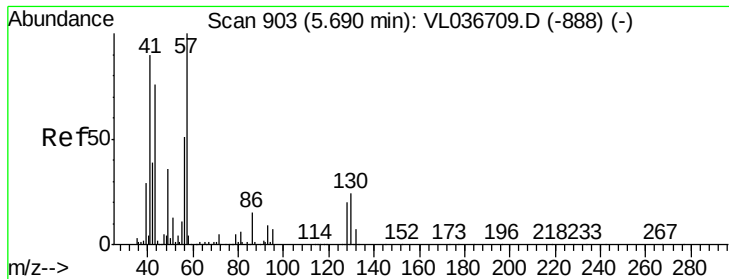
Abundance Ion 43.10 (42.80 to 43.80): VL0

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: 1.867 ppbv

RT: 5.68 min Scan# 900

Delta R.T. -0.01 min

Lab File: VL036760.D

Acq: 8 Apr 2021 21:14

Instrument :

MSVOA_L

ClientSampleId :

SG-3DL

Tot Ion: 57 Resp: 279433

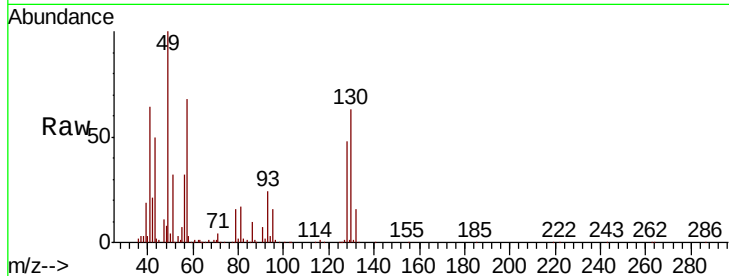
Ion Ratio Lower Upper

57 100

41 99.0 77.2 115.8

43 78.3 173.8 260.6#

56 56.3 43.8 65.6

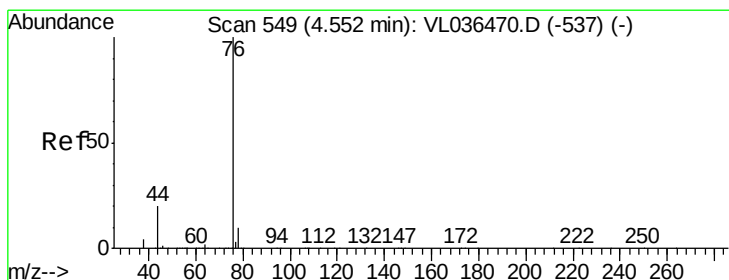
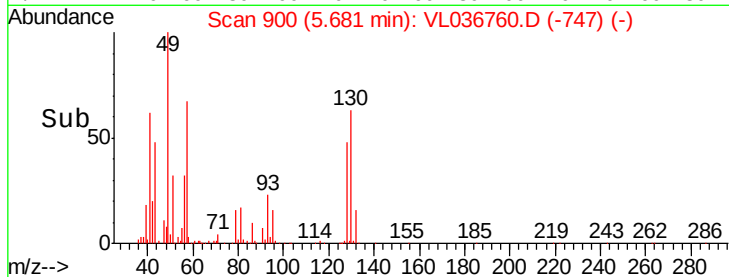
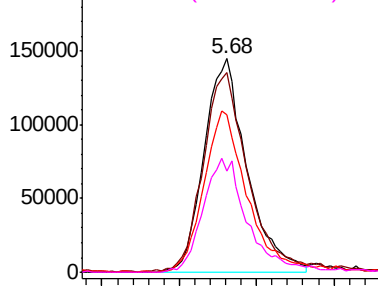


Abundance Ion 57.10 (56.80 to 57.80): VL0

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



#27

Carbon Disulfide

Concen: 0.219 ppbv

RT: 4.55 min Scan# 547

Delta R.T. -0.01 min

Lab File: VL036760.D

Acq: 8 Apr 2021 21:14

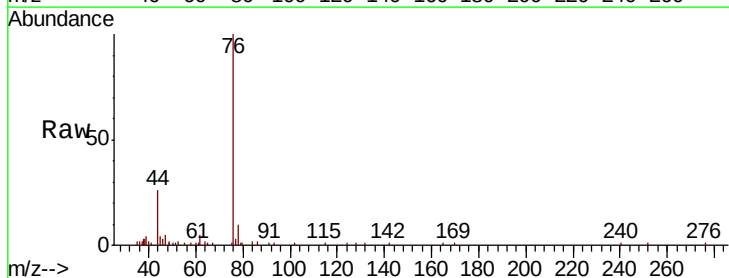
Tgt Ion: 76 Resp: 32324

Ion Ratio Lower Upper

76 100

44 0.0 17.5 26.3#

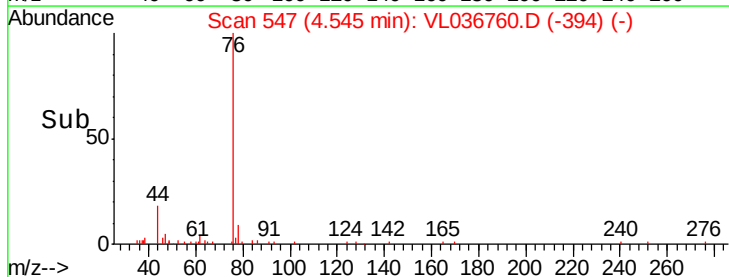
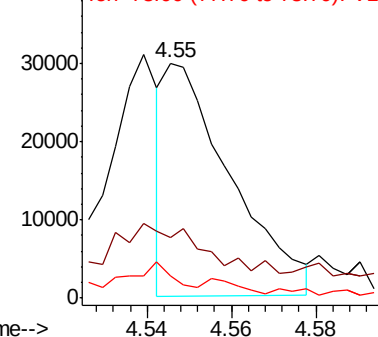
78 23.6 8.6 13.0#

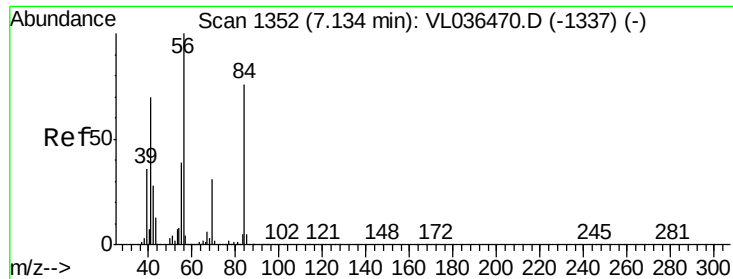


Abundance Ion 76.00 (75.70 to 76.70): VL0

Ion 44.10 (43.80 to 44.80): VL0

Ion 78.00 (77.70 to 78.70): VL0

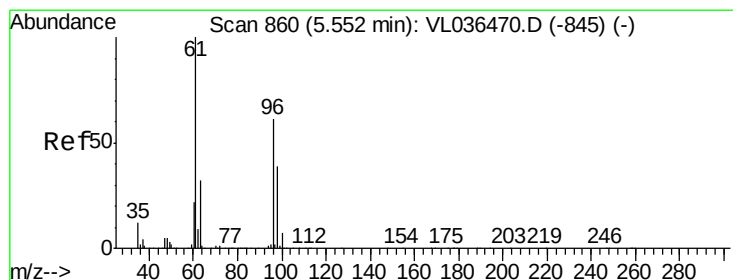
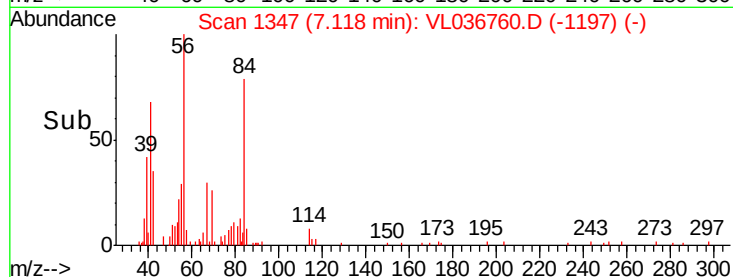
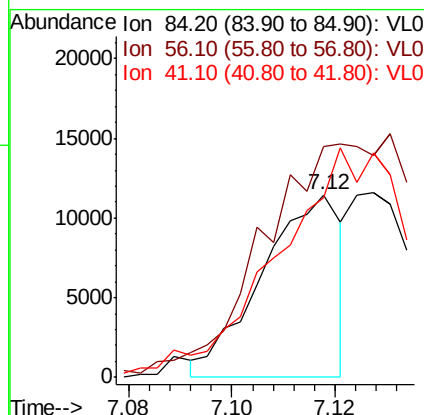
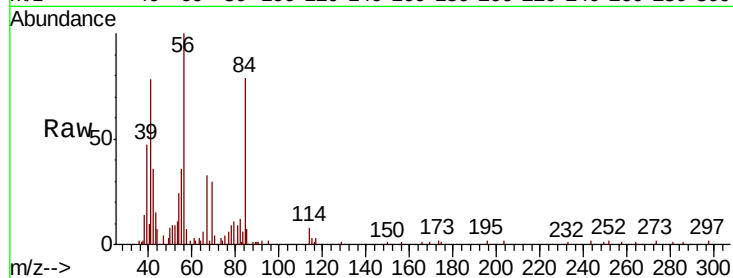




#30
Cyclohexane
Concen: 0.100 ppbv
RT: 7.12 min Scan# 1347
Delta R.T. -0.02 min
Lab File: VL036760.D
Acq: 8 Apr 2021 21:14

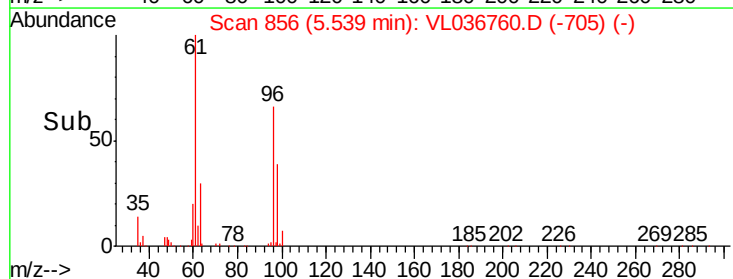
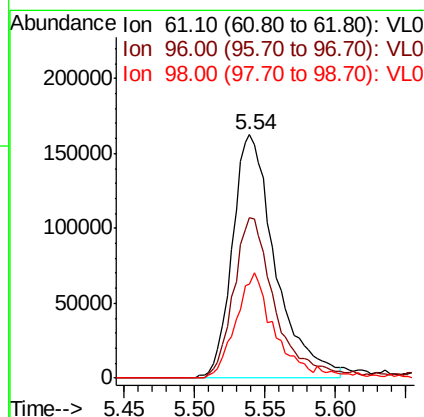
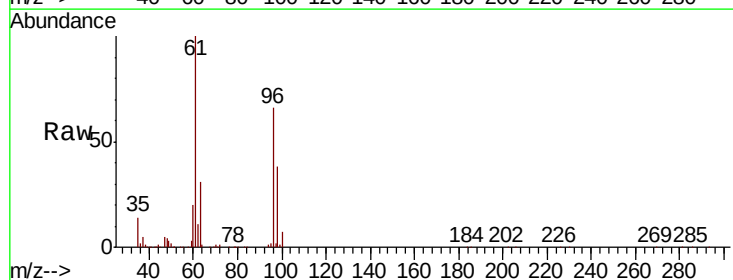
Instrument :
MSVOA_L
ClientSampleId :
SG-3DL

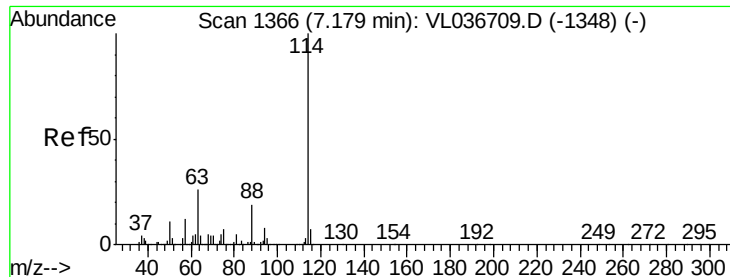
Tot Ion: 84 Resp: 12183
Ion Ratio Lower Upper
84 100
56 0.0 114.6 171.8#
41 260.8 75.3 112.9#



#31
cis-1,2-Dichloroethene
Concen: 2.379 ppbv
RT: 5.54 min Scan# 856
Delta R.T. -0.01 min
Lab File: VL036760.D
Acq: 8 Apr 2021 21:14

Tgt Ion: 61 Resp: 344498
Ion Ratio Lower Upper
61 100
96 66.2 48.7 73.1
98 38.3 31.4 47.0

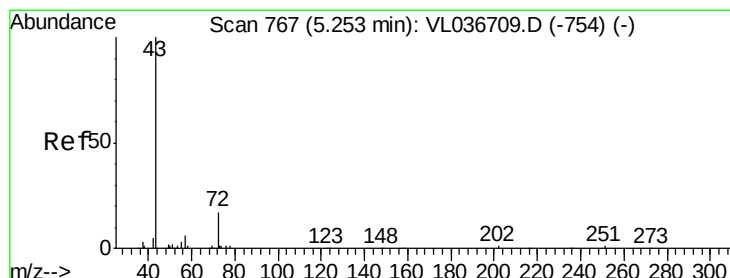
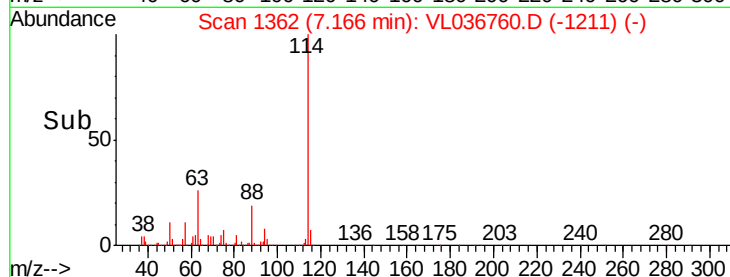
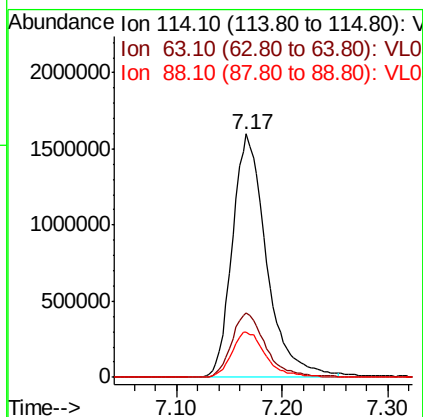
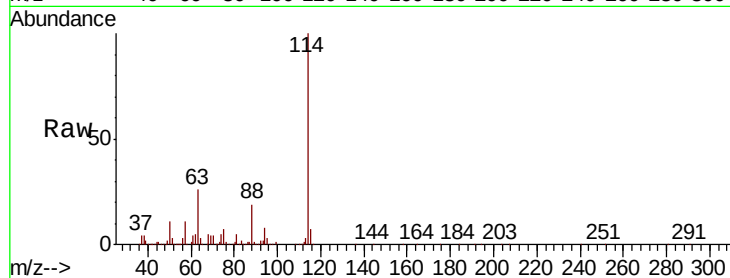




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1362
 Delta R.T. -0.01 min
 Lab File: VL036760.D
 Acq: 8 Apr 2021 21:14

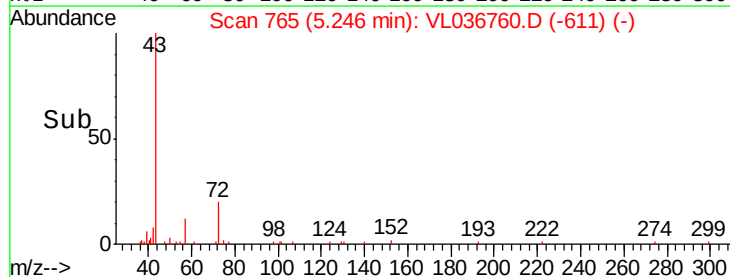
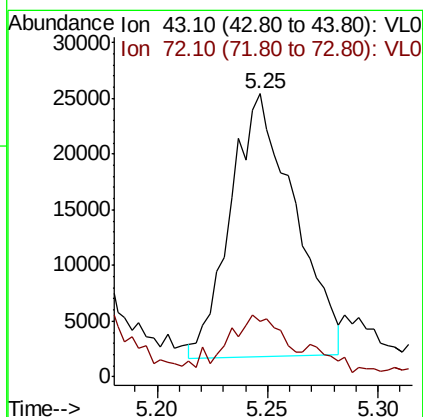
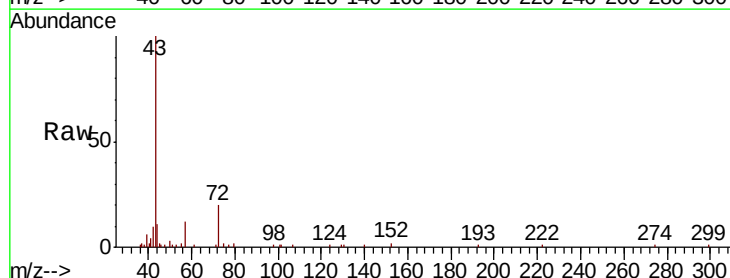
Instrument :
 MSVOA_L
 ClientSampleId :
 SG-3DL

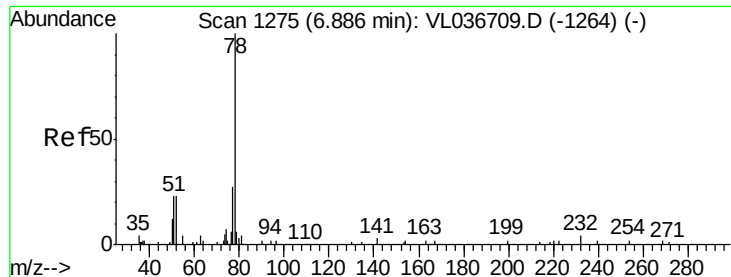
Tot Ion:114 Resp: 3587740
 Ion Ratio Lower Upper
 114 100
 63 26.6 22.4 33.6
 88 18.9 15.4 23.0



#34
 2-Butanone
 Concen: 0.271 ppbv
 RT: 5.25 min Scan# 765
 Delta R.T. -0.00 min
 Lab File: VL036760.D
 Acq: 8 Apr 2021 21:14

Tgt Ion: 43 Resp: 47481
 Ion Ratio Lower Upper
 43 100
 72 31.3 17.0 25.6#





#36

Benzene

Concen: 0.611 ppbv

RT: 6.88 min Scan# 1273

Delta R.T. -0.02 min

Lab File: VL036760.D

Acq: 8 Apr 2021 21:14

Instrument :

MSVOA_L

ClientSampled :

SG-3DL

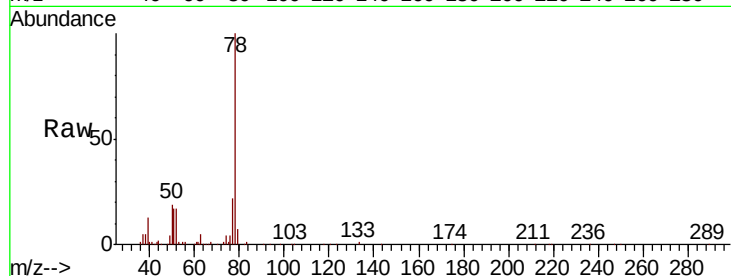
Tot Ion: 78 Resp: 202093

Ion Ratio Lower Upper

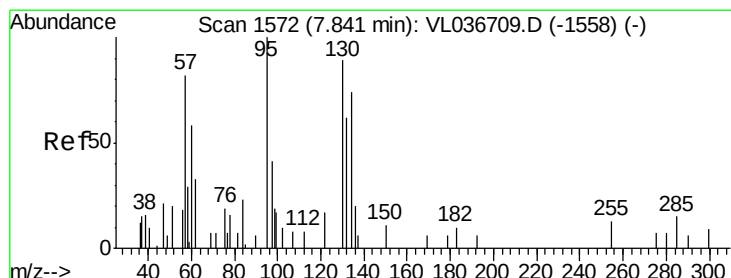
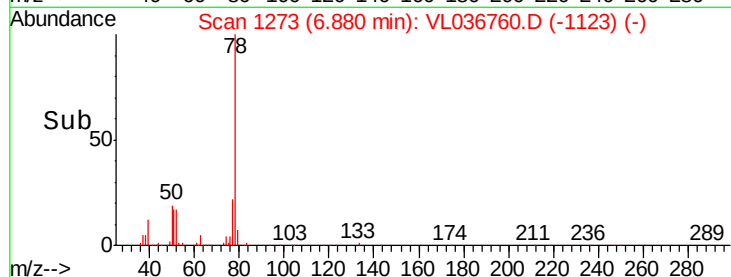
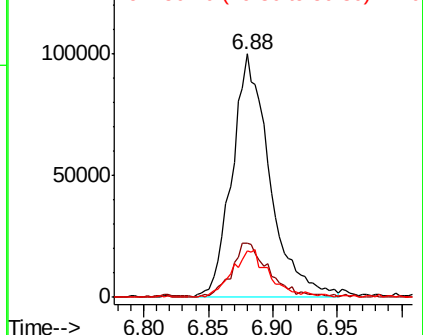
78 100

77 21.7 18.0 27.0

50 18.8 16.5 24.7



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



#38

Trichloroethene

Concen: 3.374 ppbv

RT: 7.83 min Scan# 1567

Delta R.T. -0.02 min

Lab File: VL036760.D

Acq: 8 Apr 2021 21:14

Tgt Ion: 130 Resp: 434497

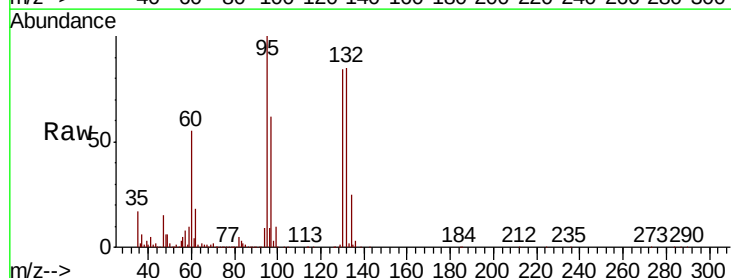
Ion Ratio Lower Upper

130 100

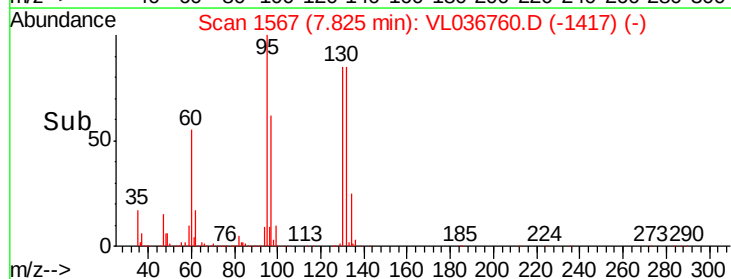
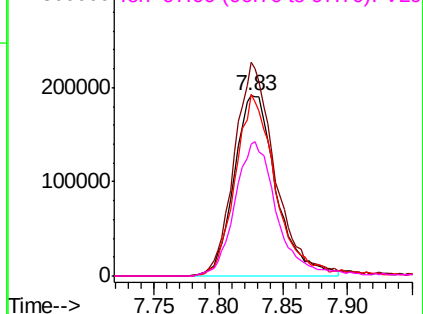
95 118.3 95.7 143.5

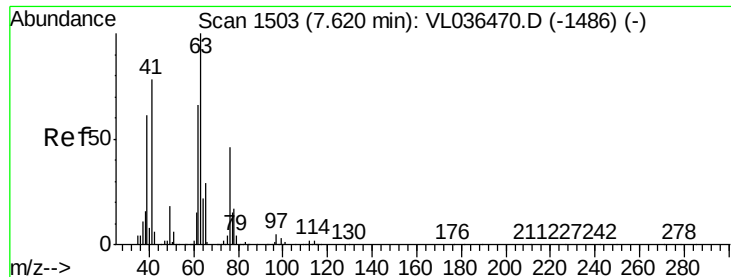
132 100.8 76.2 114.4

97 72.8 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

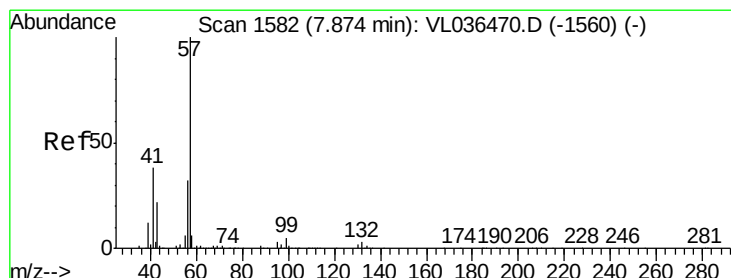
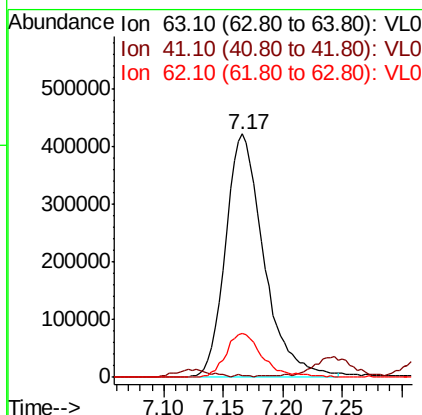
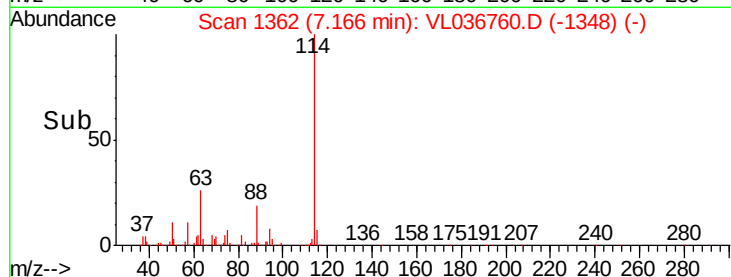
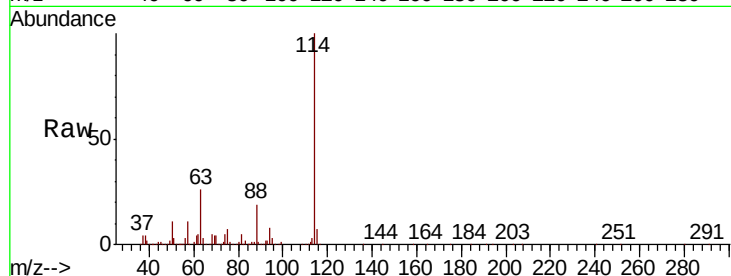




#39
 1,2-Dichloropropane
 Concen: 6.994 ppbv
 RT: 7.17 min Scan# 1362
 Delta R.T. -0.45 min
 Lab File: VL036760.D
 Acq: 8 Apr 2021 21:14

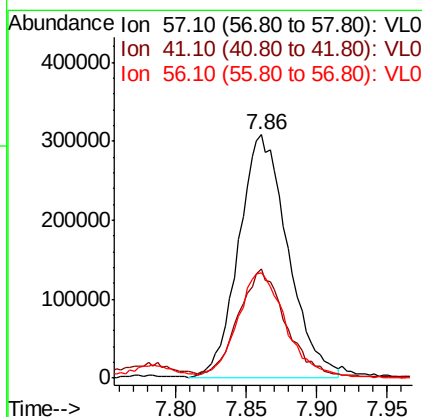
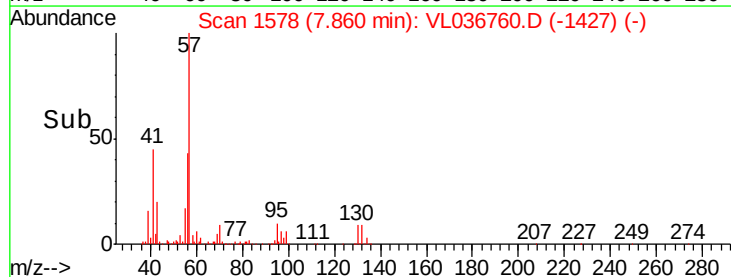
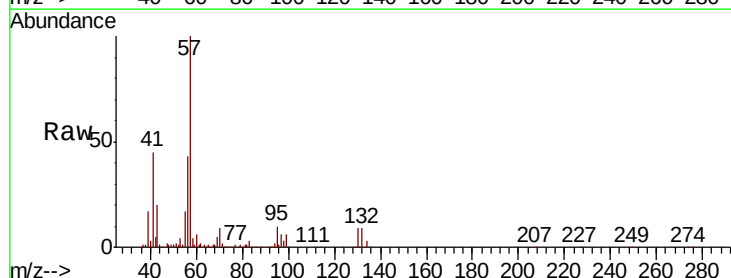
Instrument :
 MSVOA_L
 ClientSampleId :
 SG-3DL

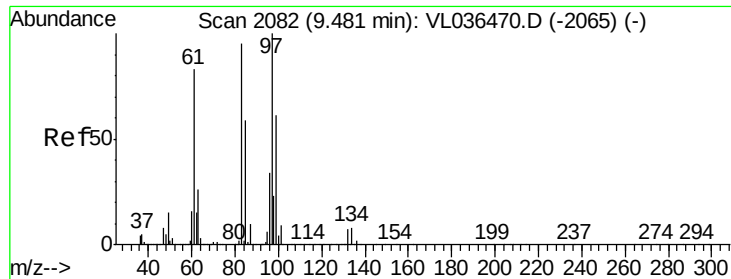
Tot Ion: 63 Resp: 938759
 Ion Ratio Lower Upper
 63 100
 41 0.0 62.4 93.6#
 62 18.1 52.8 79.2#



#44
 2,2,4-Trimethylpentane
 Concen: 1.278 ppbv
 RT: 7.86 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: VL036760.D
 Acq: 8 Apr 2021 21:14

Tgt Ion: 57 Resp: 744486
 Ion Ratio Lower Upper
 57 100
 41 43.3 28.8 43.2#
 56 44.0 26.1 39.1#

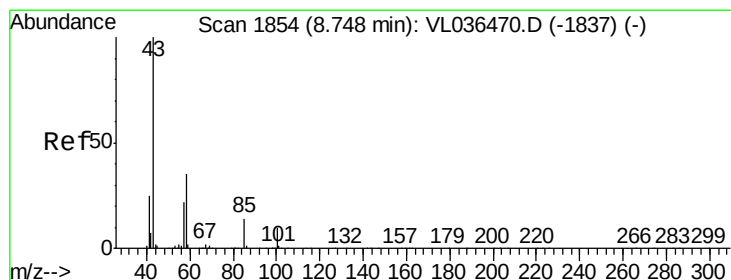
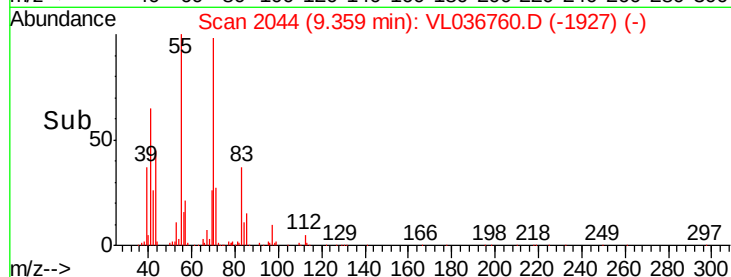
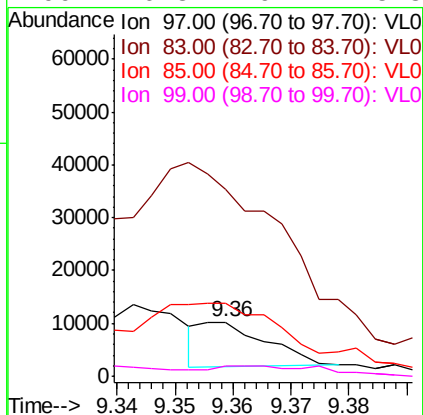
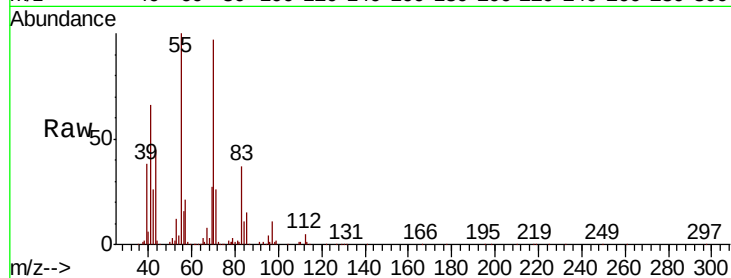




#47
 1,1,2-Trichloroethane
 Concen: 0.049 ppbv
 RT: 9.36 min Scan# 2044
 Delta R.T. -0.12 min
 Lab File: VL036760.D
 Acq: 8 Apr 2021 21:14

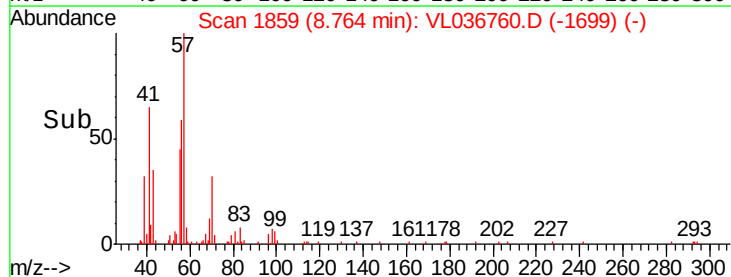
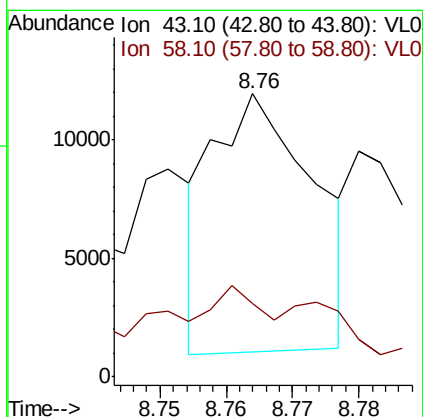
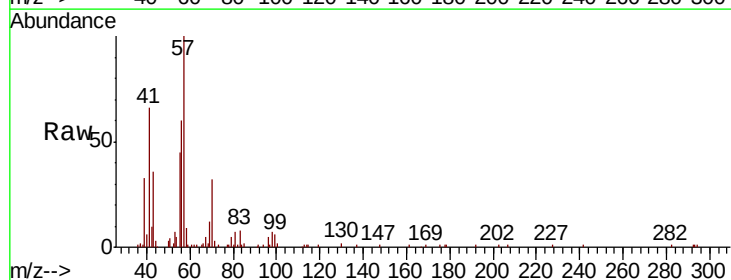
Instrument :
 MSVOA_L
 ClientSampleId :
 SG-3DL

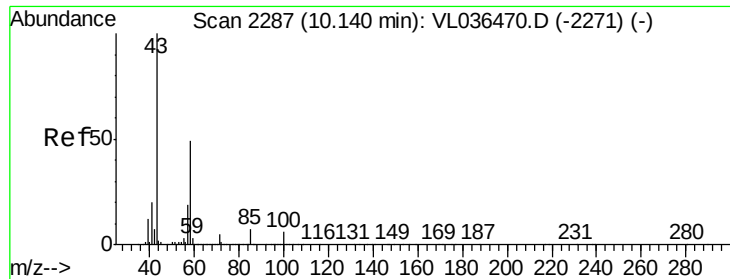
Tot Ion: 97 Resp: 6604
 Ion Ratio Lower Upper
 97 100
 83 257.4 75.8 113.8#
 85 114.9 47.1 70.7#
 99 16.3 49.2 73.8#



#50
 4-Methyl-2-Pentanone
 Concen: 0.045 ppbv
 RT: 8.76 min Scan# 1859
 Delta R.T. 0.02 min
 Lab File: VL036760.D
 Acq: 8 Apr 2021 21:14

Tgt Ion: 43 Resp: 11456
 Ion Ratio Lower Upper
 43 100
 58 78.2 28.2 42.2#

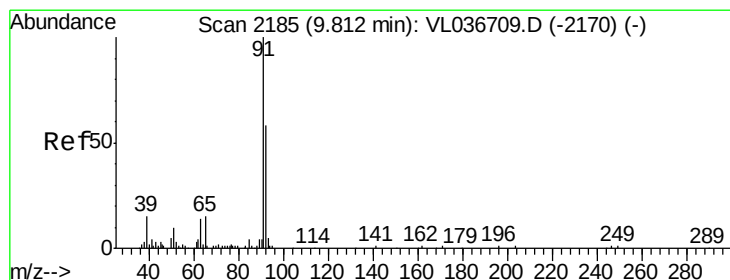
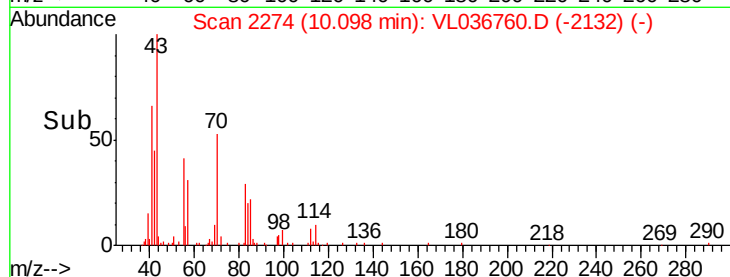
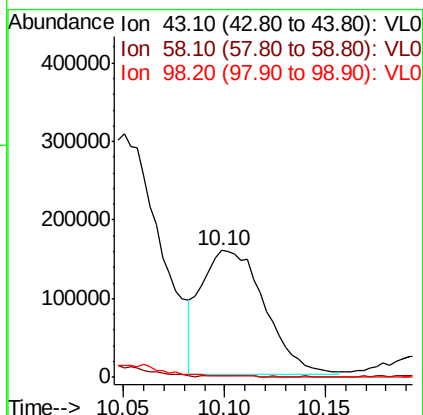
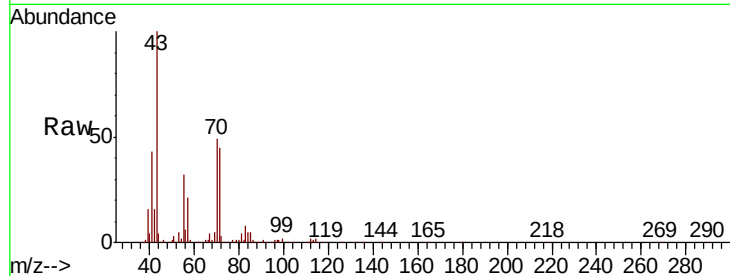




#51
2-Hexanone
Concen: 2.710 ppbv
RT: 10.10 min Scan# 2274
Delta R.T. -0.04 min
Lab File: VL036760.D
Acq: 8 Apr 2021 21:14

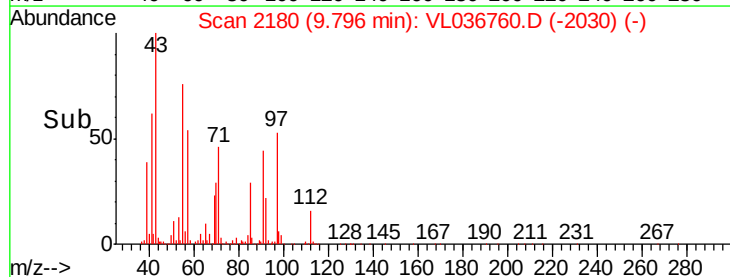
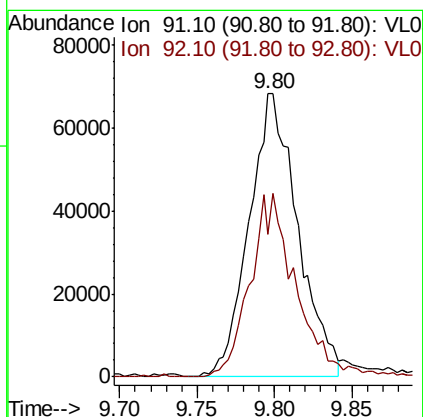
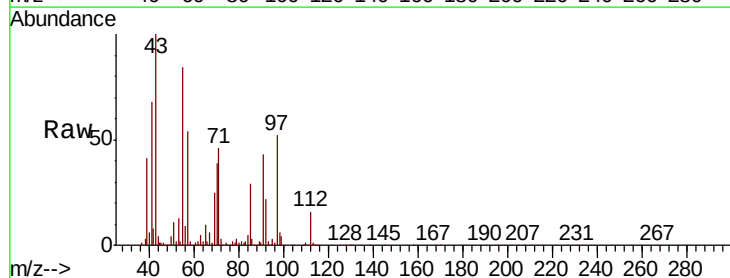
Instrument :
MSVOA_L
ClientSampleId :
SG-3DL

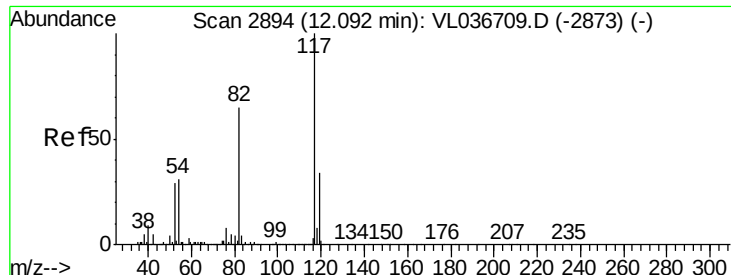
Tot Ion: 43 Resp: 346539
Ion Ratio Lower Upper
43 100
58 0.7 37.7 56.5#
98 0.0 0.2 0.2#



#53
Toluene
Concen: 0.424 ppbv
RT: 9.80 min Scan# 2180
Delta R.T. -0.02 min
Lab File: VL036760.D
Acq: 8 Apr 2021 21:14

Tgt Ion: 91 Resp: 149337
Ion Ratio Lower Upper
91 100
92 61.5 48.8 73.2

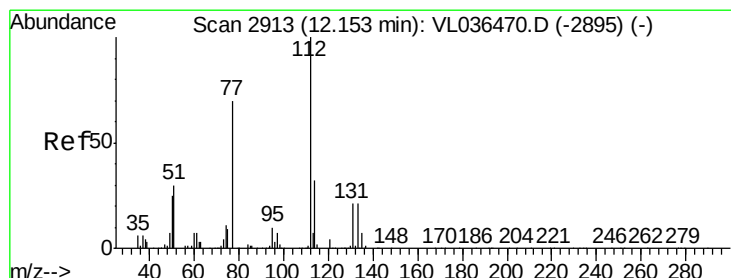
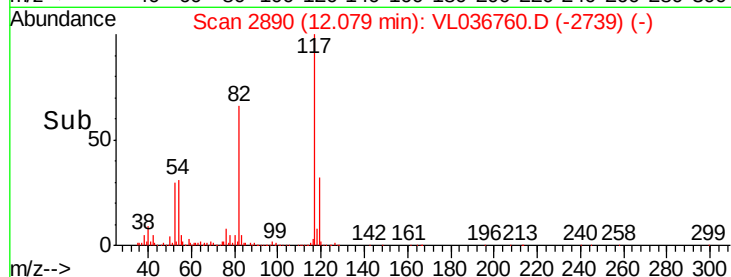
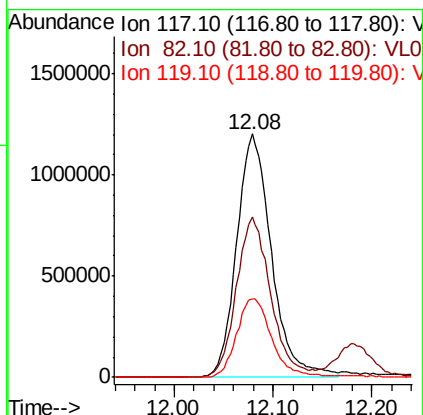
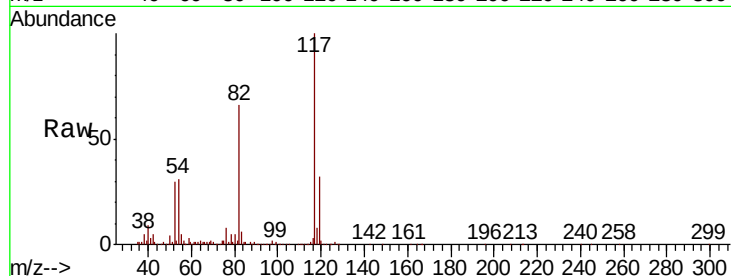




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2890
Delta R.T. -0.01 min
Lab File: VL036760.D
Acq: 8 Apr 2021 21:14

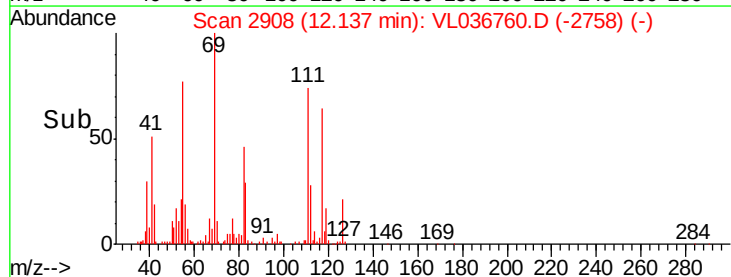
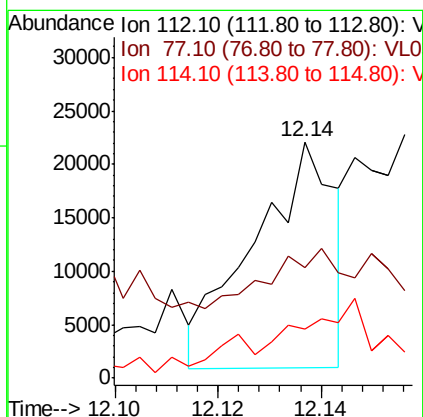
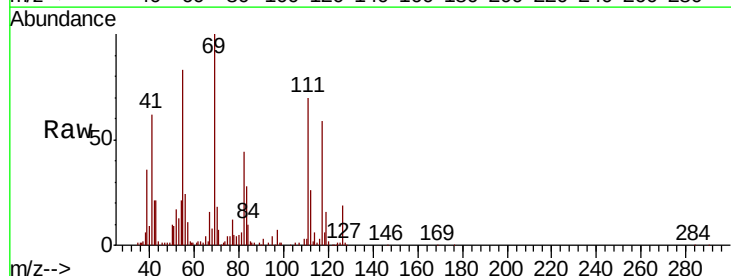
Instrument :
MSVOA_L
ClientSampleId :
SG-3DL

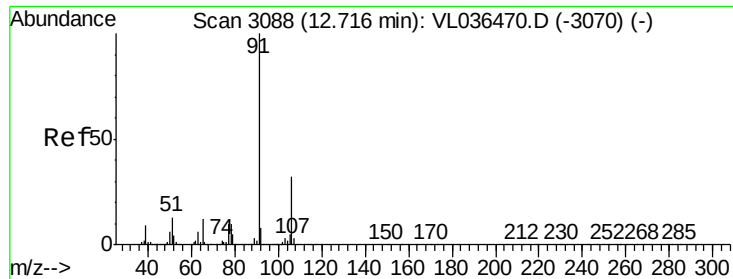
Tot Ion:117 Resp: 2939630
Ion Ratio Lower Upper
117 100
82 64.8 57.4 86.0
119 33.4 47.4 71.0#



#57
Chlorobenzene
Concen: 0.092 ppbv
RT: 12.14 min Scan# 2908
Delta R.T. -0.02 min
Lab File: VL036760.D
Acq: 8 Apr 2021 21:14

Tgt Ion:112 Resp: 23086
Ion Ratio Lower Upper
112 100
77 18.7 56.0 84.0#
114 13.9 29.0 35.4#





#58

Ethyl Benzene

Concen: 0.422 ppbv

RT: 12.71 min Scan# 3085

Delta R.T. -0.01 min

Lab File: VL036760.D

Acq: 8 Apr 2021 21:14

Instrument :

MSVOA_L

ClientSampleId :

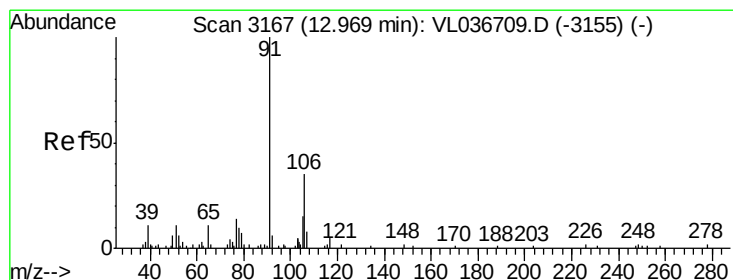
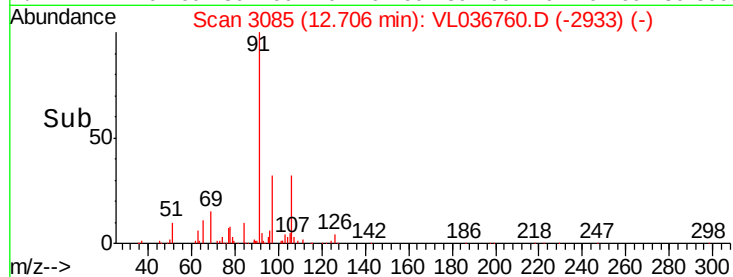
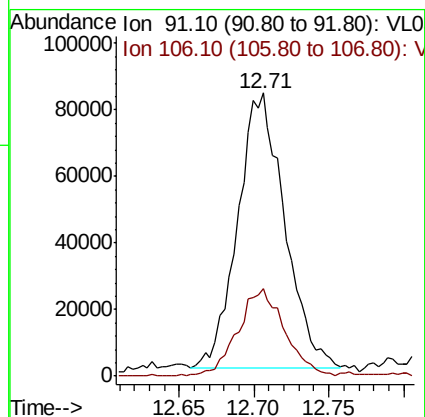
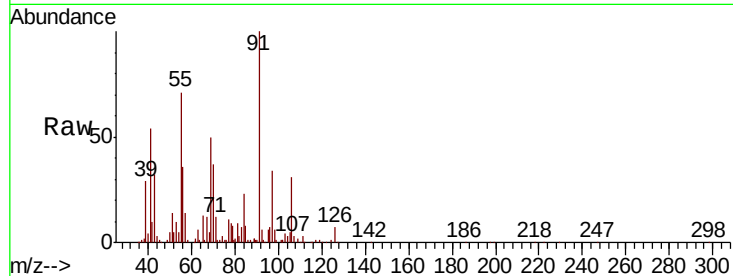
SG-3DL

Tot Ion: 91 Resp: 180402

Ion Ratio Lower Upper

91 100

106 31.5 25.3 37.9



#59

m/p-Xylene

Concen: 0.411 ppbv

RT: 12.96 min Scan# 3165

Delta R.T. -0.04 min

Lab File: VL036760.D

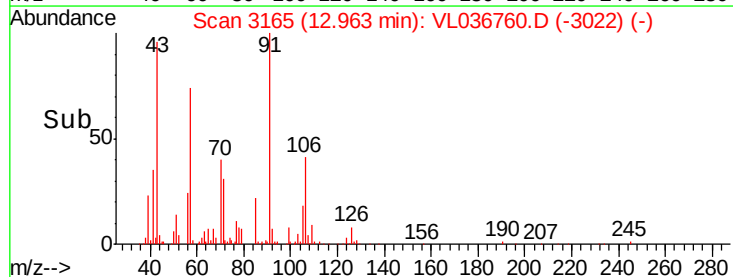
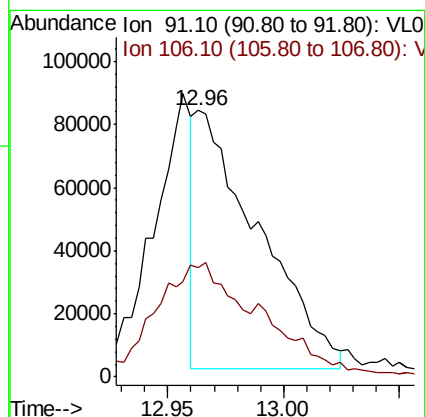
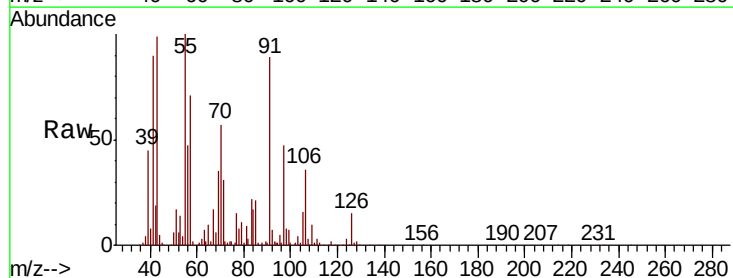
Acq: 8 Apr 2021 21:14

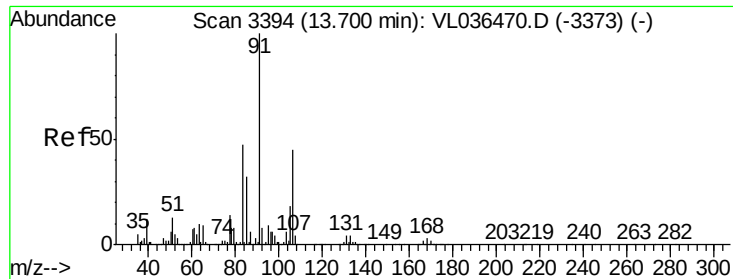
Tgt Ion: 91 Resp: 153310

Ion Ratio Lower Upper

91 100

106 76.4 35.3 52.9#

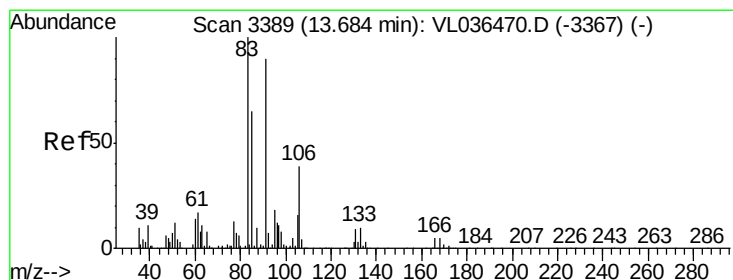
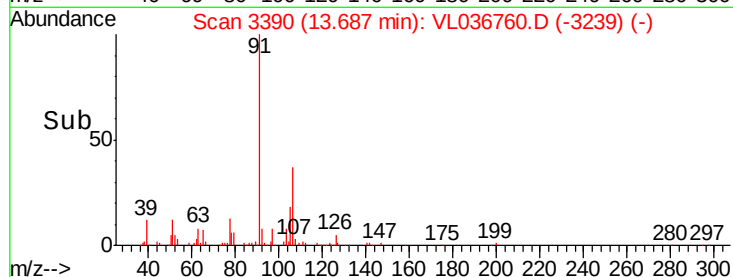
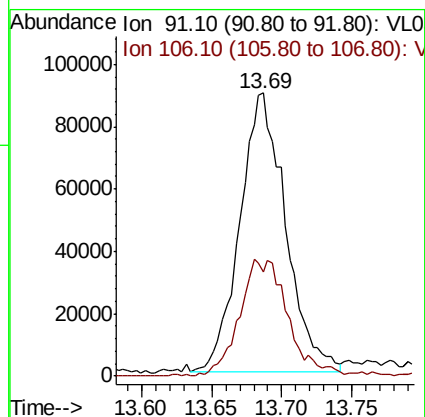
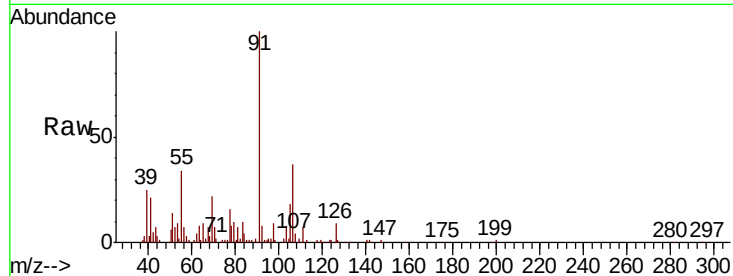




#60
o-Xylene
Concen: 0.562 ppbv
RT: 13.69 min Scan# 3390
Delta R.T. -0.01 min
Lab File: VL036760.D
Acq: 8 Apr 2021 21:14

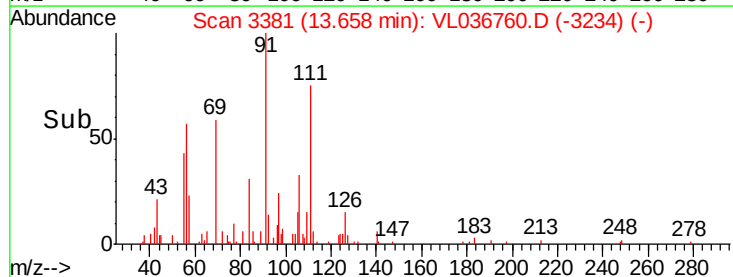
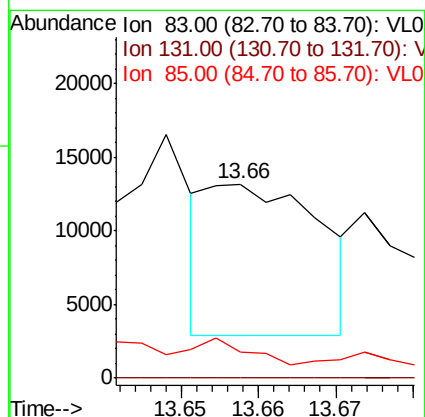
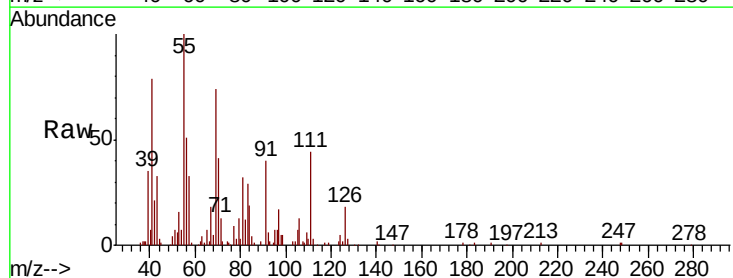
Instrument :
MSVOA_L
ClientSampleId :
SG-3DL

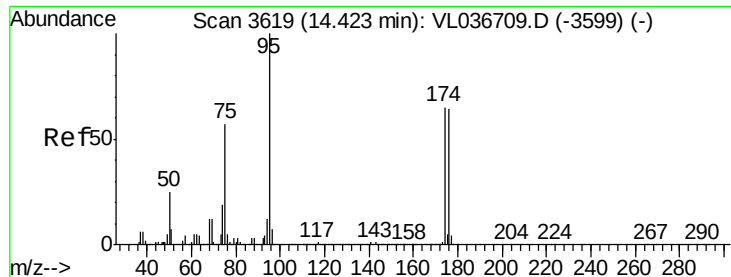
Tot Ion: 91 Resp: 202849
Ion Ratio Lower Upper
91 100
106 44.5 22.3 66.9



#63
1,1,2,2-Tetrachloroethane
Concen: 0.038 ppbv
RT: 13.66 min Scan# 3381
Delta R.T. -0.03 min
Lab File: VL036760.D
Acq: 8 Apr 2021 21:14

Tgt Ion: 83 Resp: 10370
Ion Ratio Lower Upper
83 100
131 0.0 4.7 14.0#
85 0.0 33.1 99.3#





#68

1-Bromo-4-Fluorobenzene

Concen: 8.057 ppbv

RT: 14.41 min Scan# 3615

Delta R.T. -0.01 min

Lab File: VL036760.D

Acq: 8 Apr 2021 21:14

Instrument :

MSVOA_L

ClientSampleId :

SG-3DL

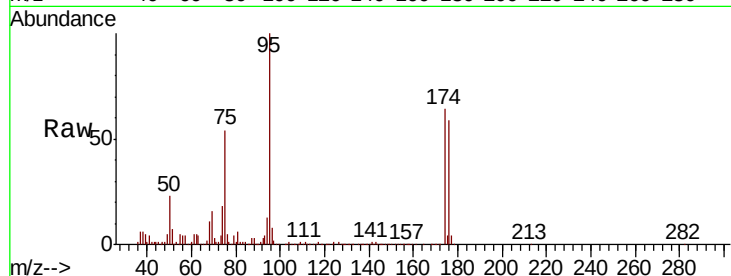
Tot Ion: 95 Resp: 1887755

Ion Ratio Lower Upper

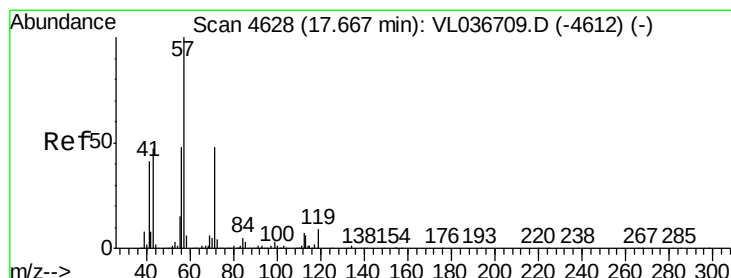
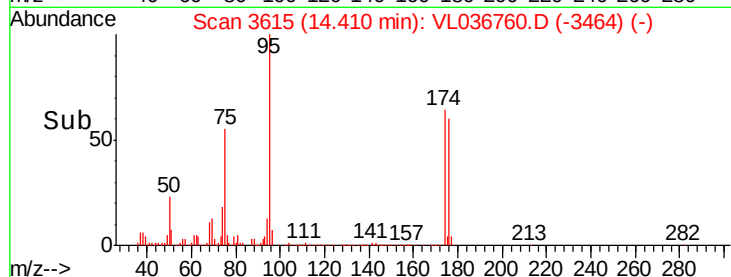
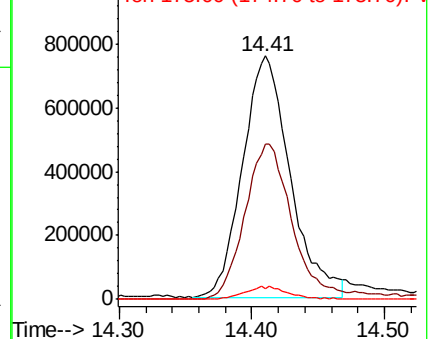
95 100

174 68.8 51.0 76.6

175 4.8 3.9 5.9



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: 0.034 ppbv

RT: 17.65 min Scan# 4622

Delta R.T. -0.01 min

Lab File: VL036760.D

Acq: 8 Apr 2021 21:14

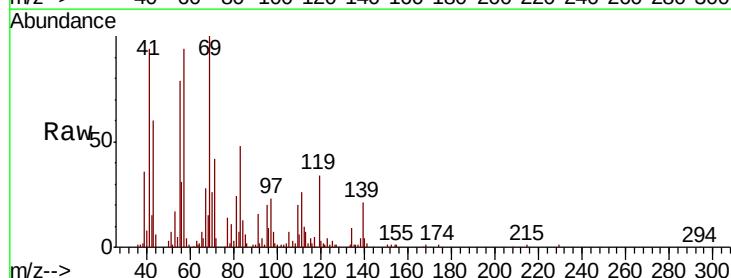
Tgt Ion: 119 Resp: 15711

Ion Ratio Lower Upper

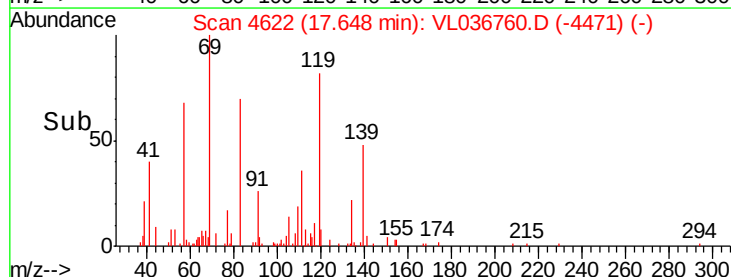
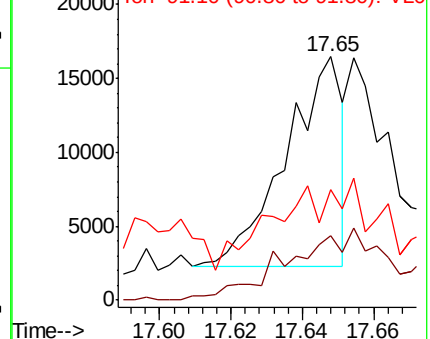
119 100

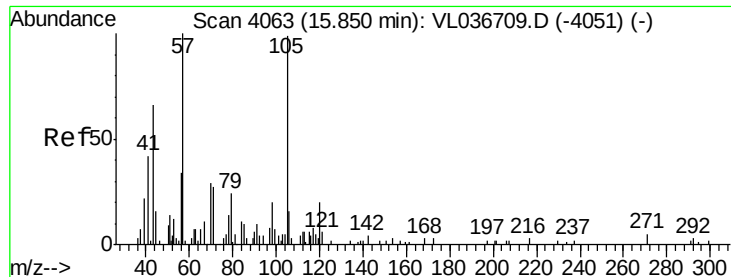
134 0.0 20.6 30.8#

91 0.0 25.0 37.6#



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





#72

4-Ethyltoluene

Concen: 0.056 ppbv

RT: 15.83 min Scan# 4056

Delta R.T. -0.02 min

Lab File: VL036760.D

Acq: 8 Apr 2021 21:14

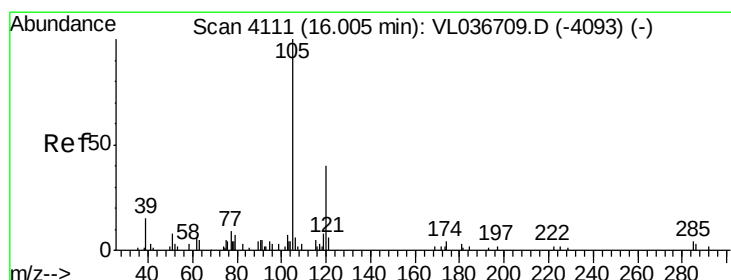
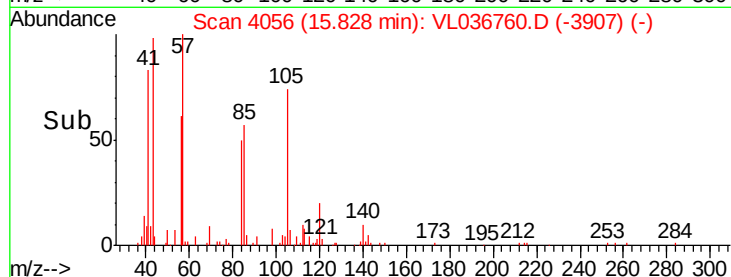
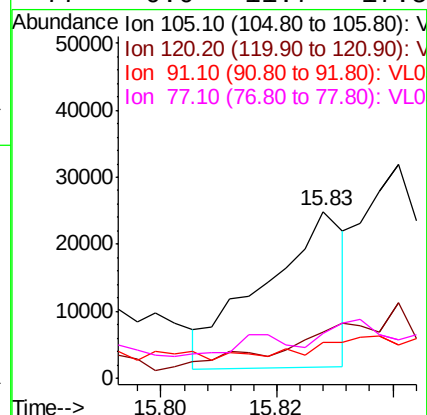
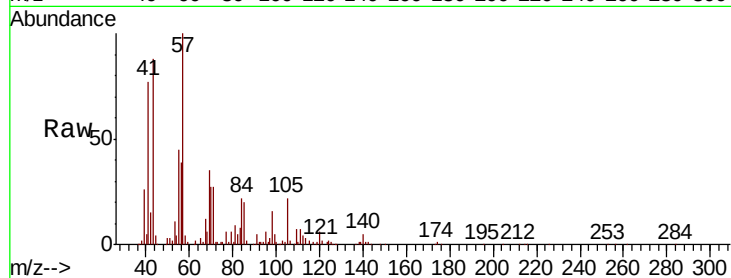
Instrument :

MSVOA_L

ClientSampleId :

SG-3DL

Tot Ion:	105	Resp:	22329
Ion	Ratio	Lower	Upper
105	100		
120	0.0	24.0	36.0#
91	0.0	11.0	16.4#
77	0.0	11.7	17.5#



#73

1,3,5-Trimethylbenzene

Concen: 0.264 ppbv

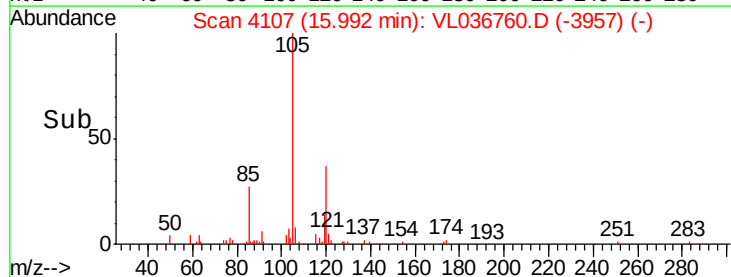
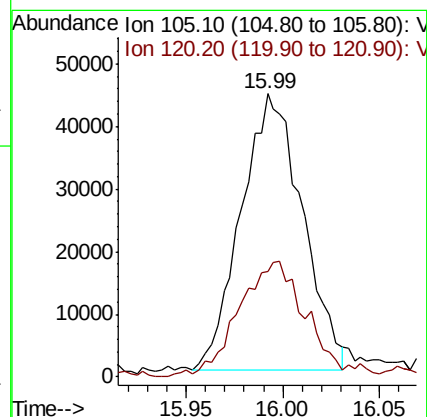
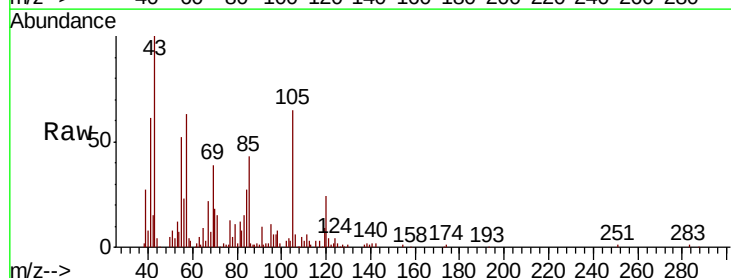
RT: 15.99 min Scan# 4107

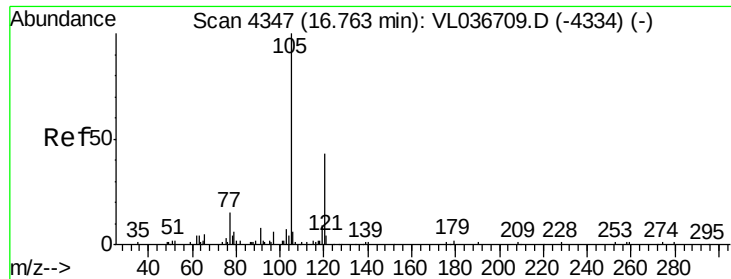
Delta R.T. -0.02 min

Lab File: VL036760.D

Acq: 8 Apr 2021 21:14

Tgt Ion:	105	Resp:	97314
Ion	Ratio	Lower	Upper
105	100		
120	36.9	36.6	54.8





#74

1,2,4-Trimethylbenzene

Concen: 0.195 ppbv

RT: 16.76 min Scan# 4345

Delta R.T. -0.01 min

Lab File: VL036760.D

Acq: 8 Apr 2021 21:14

Instrument :

MSVOA_L

ClientSampleId :

SG-3DL

Tot Ion:105 Resp: 76787

Ion Ratio Lower Upper

105 100

120 35.9 39.2 58.8#

91 10.4 42.6 64.0#

77 17.4 18.6 28.0#

