

Data File : VL037149.D
Acq On : 14 Jun 2021 14:52
Operator : SY/AP
Sample : VSTDIC0.1
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1

Quant Time: Jun 14 16:25:32 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL061421AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue May 18 12:00:15 2021
QLast Update : Tue May 18 12:00:15 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1600864	10.00	ppbv	0.03
33) 1,4-Difluorobenzene	7.19	114	4723942	10.00	ppbv	0.03
55) Chlorobenzene-d5	12.10	117	4170144	10.00	ppbv	0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	2982990	9.52	ppbv	0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.20%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.06	85	28892	0.106	ppbv	100
3) Chlorodifluoromethane	3.00	51	29376	0.100	ppbv	97
4) Chloromethane	3.15	50	7800	0.078	ppbv #	82
5) Vinyl Chloride	3.27	62	6335	0.058	ppbv	90
7) Chloroethane	3.56	64	2305	0.065	ppbv #	61
8) Dichlorotetrafluoroethane	3.20	85	25434	0.100	ppbv	86
11) Trichlorofluoromethane	3.96	101	28087	0.112	ppbv	95
12) 1,1,2-Trichlorotrifluoroet	4.49	101	9680	0.054	ppbv #	14
14) Bromoethene	3.75	108	3948	0.050	ppbv #	1
15) Acetone	3.90	43	32877	0.201	ppbv #	1
16) 1,3-Butadiene	3.34	39	6079	0.060	ppbv #	10
18) 1,1-Dichloroethene	4.31	96	8063	0.097	ppbv	94
20) Methylene Chloride	4.36	84	7207	0.082	ppbv	91
24) 1,1-Dichloroethane	5.03	63	12471	0.067	ppbv #	90
25) Ethyl Acetate	5.71	43	20139	0.051	ppbv #	78
27) Carbon Disulfide	4.57	76	8630	0.043	ppbv #	52
28) Methyl tert-Butyl Ether	5.08	73	14802	0.061	ppbv #	77
29) Chloroform	5.76	83	22614	0.080	ppbv	87
30) Cyclohexane	7.14	84	9577	0.056	ppbv #	8
31) cis-1,2-Dichloroethene	5.56	61	10034	0.056	ppbv #	84
32) 1,1,1-Trichloroethane	6.52	97	22318	0.073	ppbv #	81
34) 2-Butanone	5.29	43	6536	0.038	ppbv #	56
35) Carbon Tetrachloride	7.03	117	11713	0.037	ppbv #	93
36) Benzene	6.90	78	18020	0.044	ppbv #	87
38) Trichloroethene	7.85	130	10414	0.060	ppbv #	78
39) 1,2-Dichloropropane	7.19	63	1118657	7.137	ppbv #	25
44) 2,2,4-Trimethylpentane	7.89	57	50730	0.073	ppbv #	86
46) cis-1,3-Dichloropropene	8.72	75	5211	0.036	ppbv #	51
53) Toluene	9.82	91	15895	0.033	ppbv #	16
56) 1,1,1,2-Tetrachloroethane	12.14	131	5390	0.031	ppbv #	1
57) Chlorobenzene	12.17	112	25685	0.079	ppbv	95
58) Ethyl Benzene	12.73	91	21348	0.036	ppbv	93
59) m/p-Xylene	13.01	91	23727	0.049	ppbv #	1
60) o-Xylene	13.71	91	18299	0.039	ppbv #	23
62) Isopropylbenzene	14.68	105	47647	0.071	ppbv	91
63) 1,1,2,2-Tetrachloroethane	13.69	83	13878	0.040	ppbv #	12
69) p-Isopropyltoluene	17.67	119	40408	0.057	ppbv #	86
72) 4-Ethyltoluene	15.86	105	22976	0.042	ppbv #	63
76) 1,4-Dichlorobenzene	17.16	146	17006	0.052	ppbv #	55

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061421\
Quantitation Report (Not Reviewed)

Data File : VL037149.D
Acq On : 14 Jun 2021 14:52
Operator : SY/AP
Sample : VSTDICC0.1
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Quant Time: Jun 14 16:25:32 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL061421AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue May 18 12:00:15 2021
QLast Update : Tue May 18 12:00:15 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data File : VL037149.D

Acq On : 14 Jun 2021 14:52

Operator : SY/AP

```
Sample      : VSTDICC0.1
```

Misc : 400mL/MSVOA_L

ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

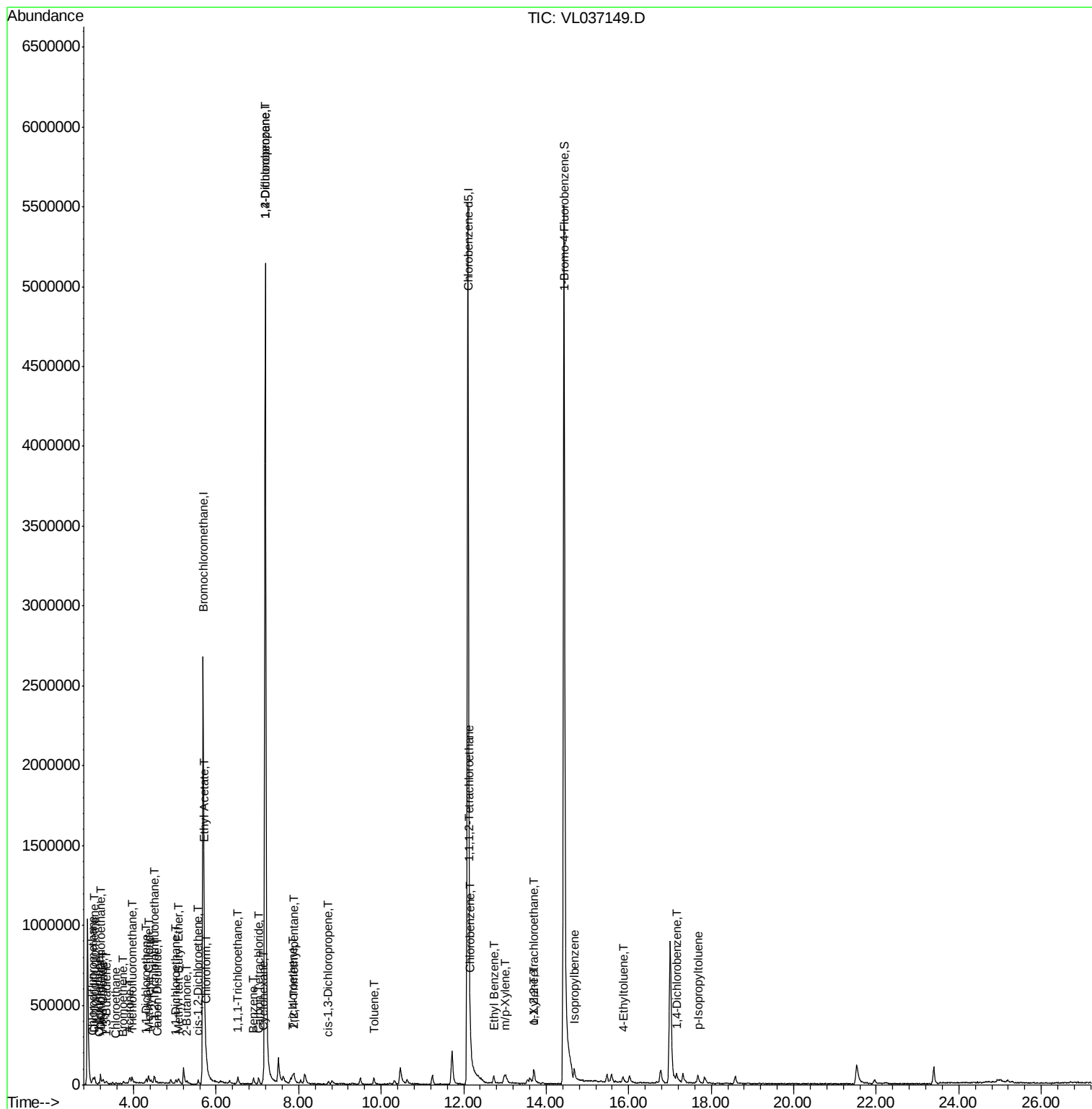
Quant Time: Jun 14 16:25:32 2021

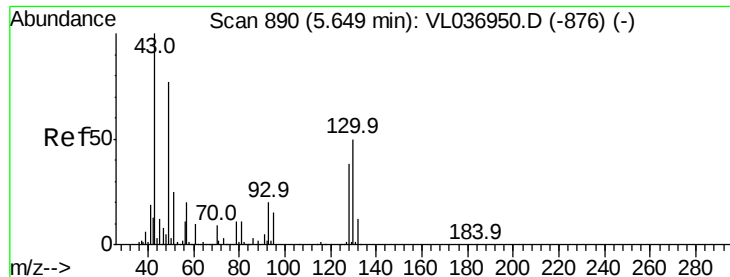
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Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LTue May 18 12:00:15 2021

QLast Update : Tue May 18 12:00:15 2021

Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 900

Delta R.T. 0.03 min

Lab File: VL037149.D

Acq: 14 Jun 2021 14:52

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.1

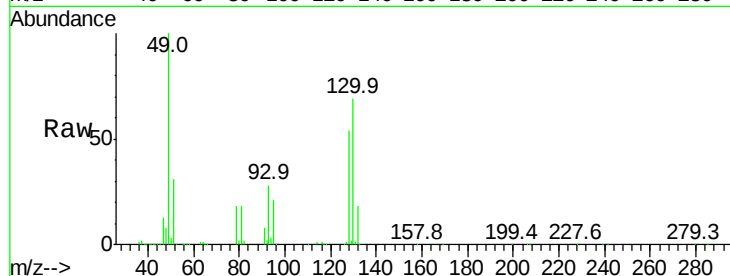
Tgt Ion: 49 Resp: 1600864

Ion Ratio Lower Upper

49 100

128 58.6 26.9 80.7

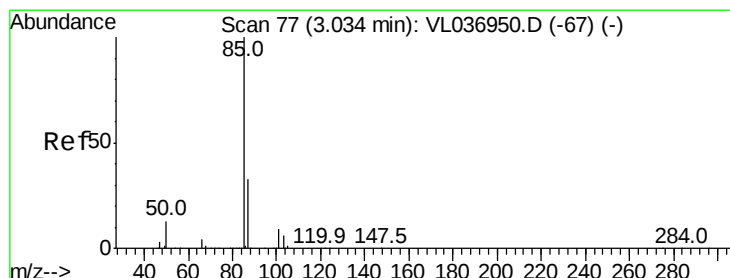
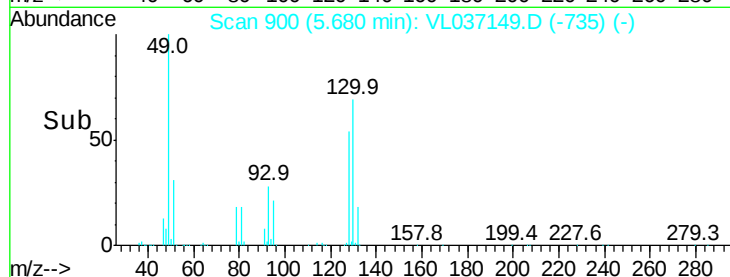
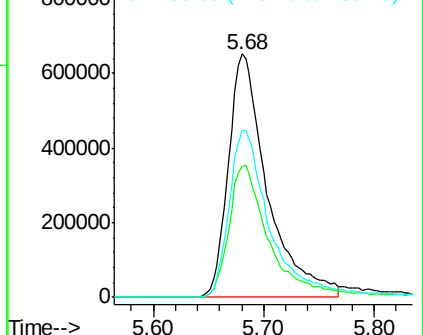
130 73.4 33.8 101.4



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



#2

Dichlorodifluoromethane

Concen: 0.106 ppbv

RT: 3.06 min Scan# 85

Delta R.T. 0.03 min

Lab File: VL037149.D

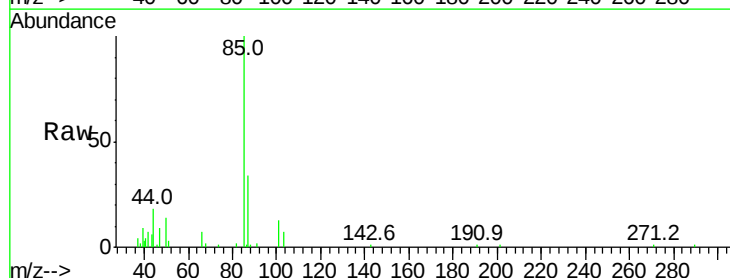
Acq: 14 Jun 2021 14:52

Tgt Ion: 85 Resp: 28892

Ion Ratio Lower Upper

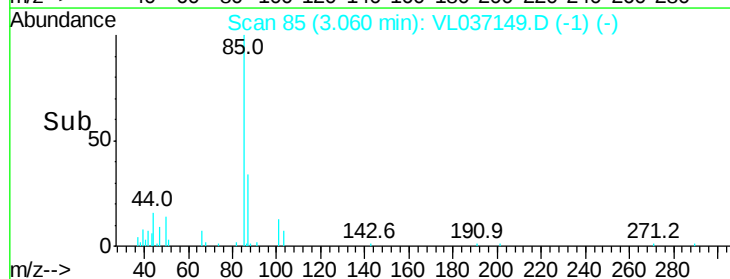
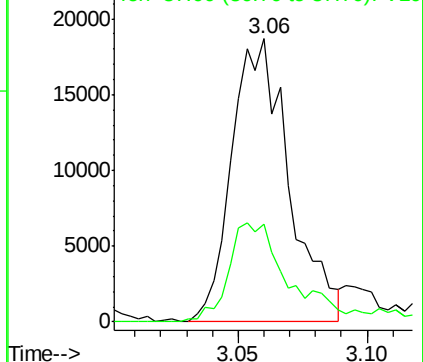
85 100

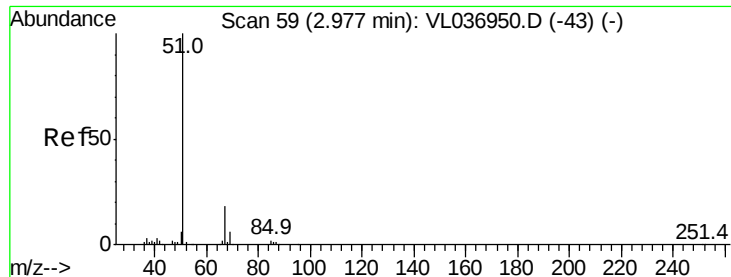
87 33.4 26.6 39.8



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.100 ppbv

RT: 3.00 min Scan# 66

Delta R.T. 0.02 min

Lab File: VL037149.D

Acq: 14 Jun 2021 14:52

Instrument :

MSVOA_L

ClientSampleId :

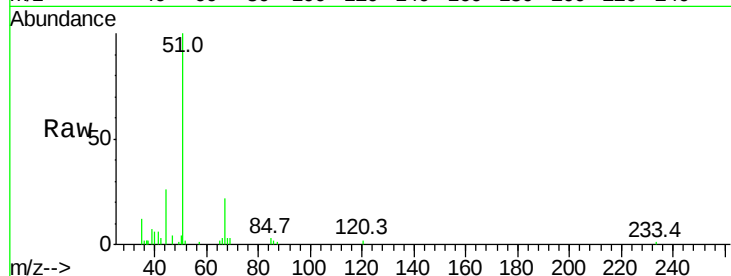
VSTDIC0.1

Tgt Ion: 51 Resp: 29376

Ion Ratio Lower Upper

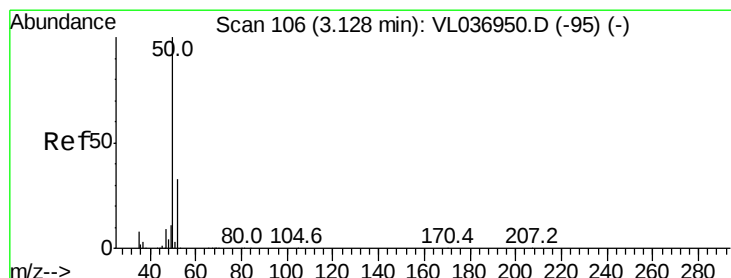
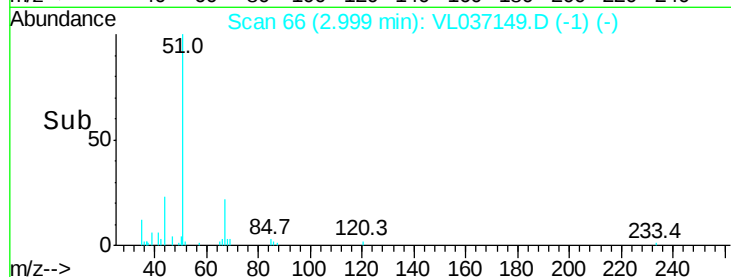
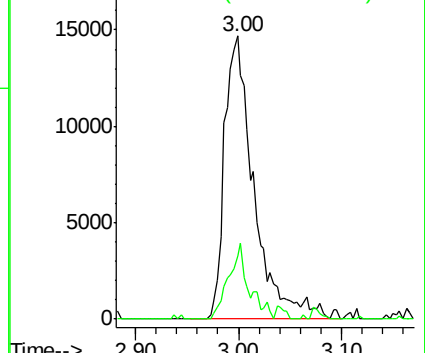
51 100

67 19.7 14.6 21.8



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 0.078 ppbv

RT: 3.15 min Scan# 113

Delta R.T. 0.02 min

Lab File: VL037149.D

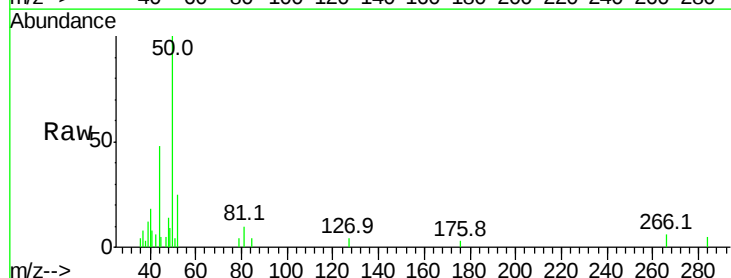
Acq: 14 Jun 2021 14:52

Tgt Ion: 50 Resp: 7800

Ion Ratio Lower Upper

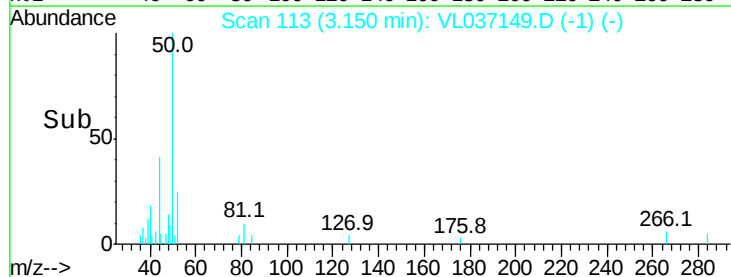
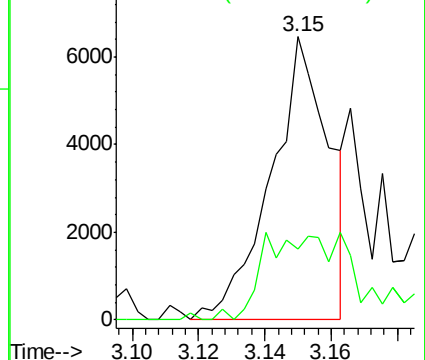
50 100

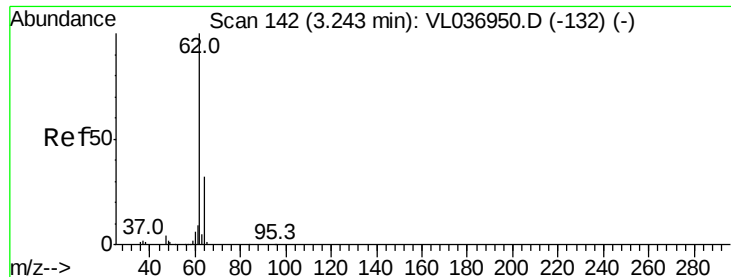
52 22.7 26.1 39.1#



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#5

Vinyl Chloride

Concen: 0.058 ppbv

RT: 3.27 min Scan# 150

Delta R.T. 0.03 min

Lab File: VL037149.D

Acq: 14 Jun 2021 14:52

Instrument :

MSVOA_L

ClientSampleId :

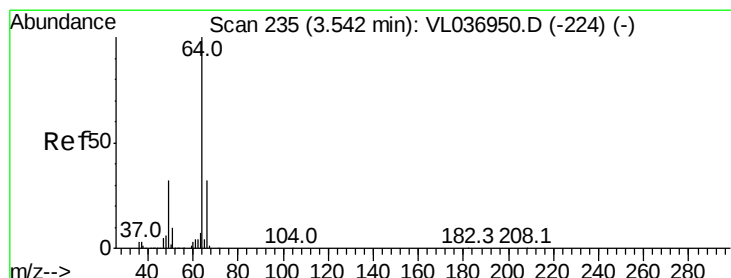
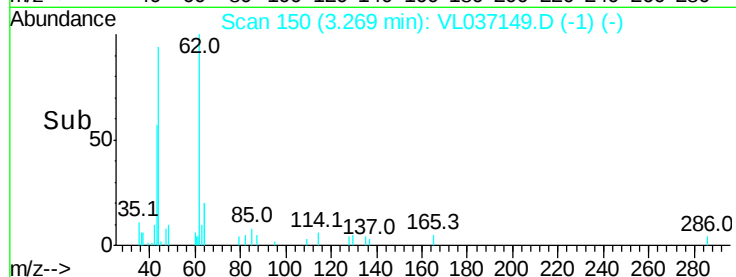
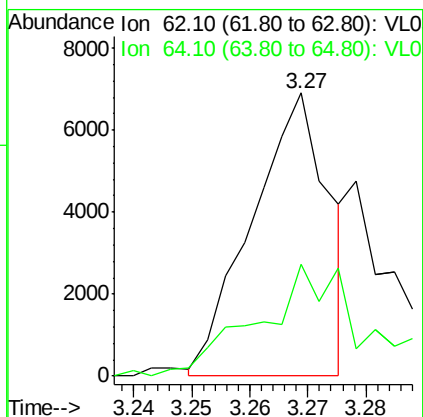
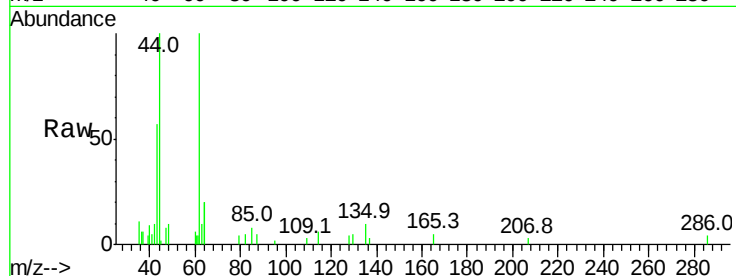
VSTDIC0.1

Tgt Ion: 62 Resp: 6335

Ion Ratio Lower Upper

62 100

64 37.8 25.9 38.9



#7

Chloroethane

Concen: 0.065 ppbv

RT: 3.56 min Scan# 242

Delta R.T. 0.02 min

Lab File: VL037149.D

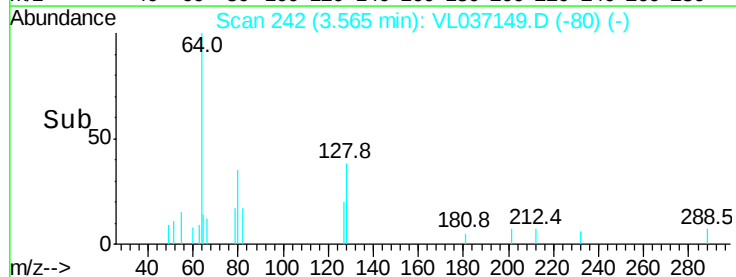
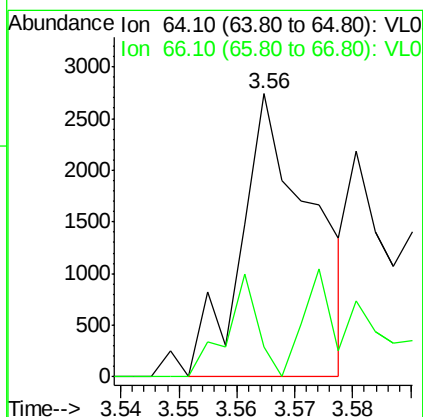
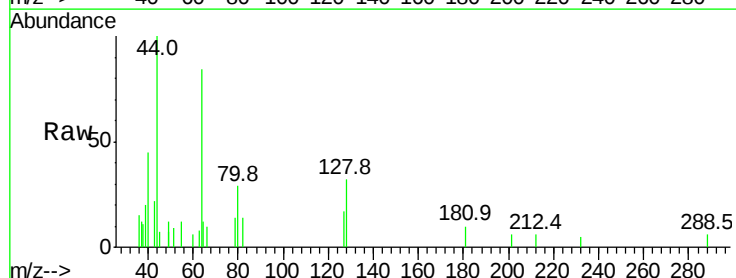
Acq: 14 Jun 2021 14:52

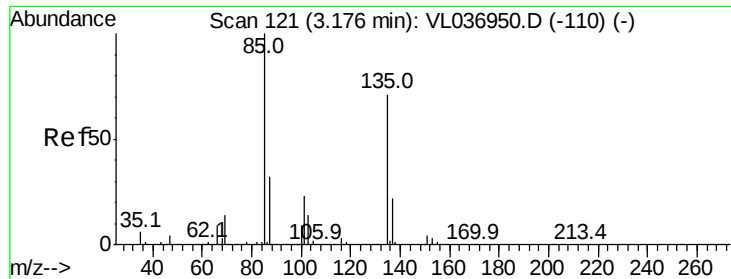
Tgt Ion: 64 Resp: 2305

Ion Ratio Lower Upper

64 100

66 10.4 25.4 38.2#





#8

Dichlorotetrafluoroethane

Concen: 0.100 ppbv

RT: 3.20 min Scan# 128

Delta R.T. 0.02 min

Lab File: VL037149.D

Acq: 14 Jun 2021 14:52

Instrument :

MSVOA_L

ClientSampleId :

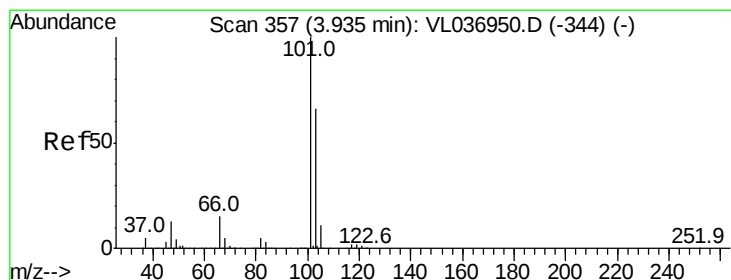
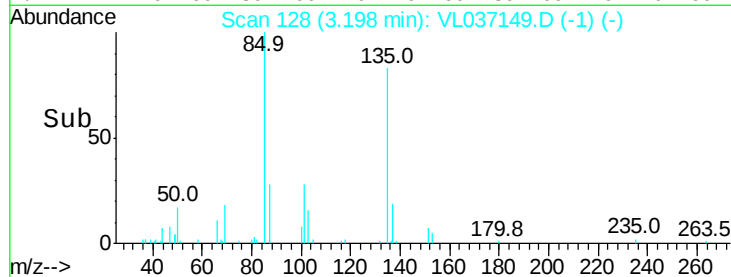
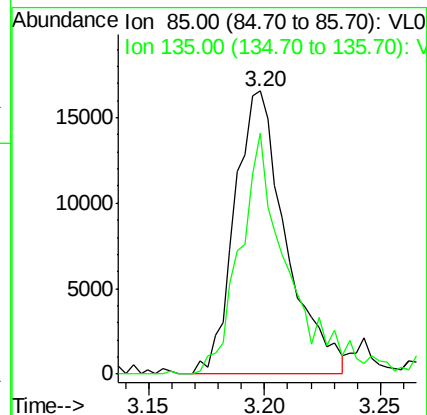
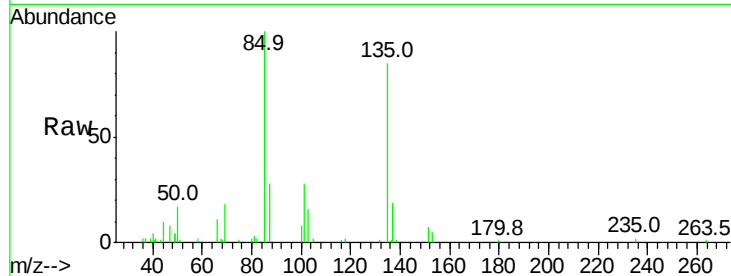
VSTDIC0.1

Tgt Ion: 85 Resp: 25434

Ion Ratio Lower Upper

85 100

135 84.1 57.7 86.5



#11

Trichlorofluoromethane

Concen: 0.112 ppbv

RT: 3.96 min Scan# 365

Delta R.T. 0.03 min

Lab File: VL037149.D

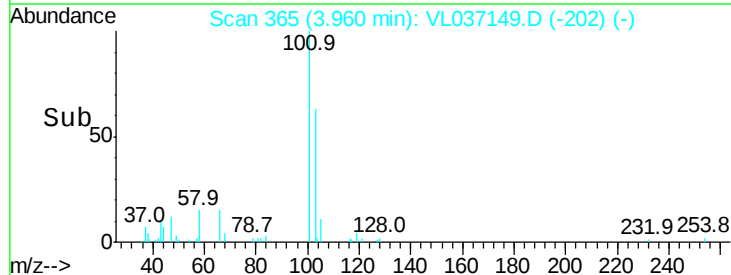
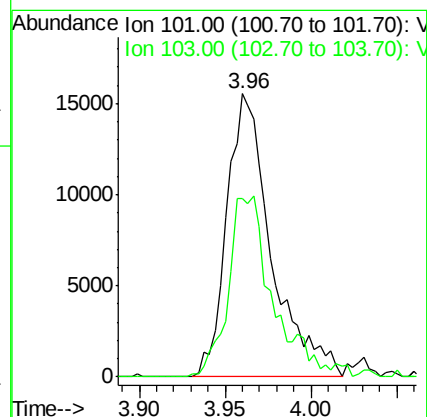
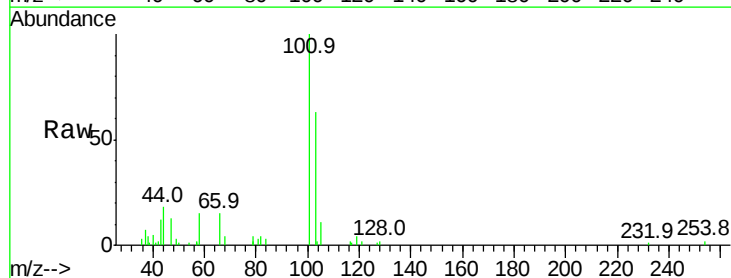
Acq: 14 Jun 2021 14:52

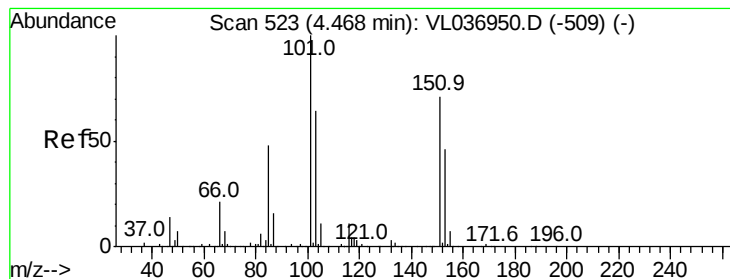
Tgt Ion: 101 Resp: 28087

Ion Ratio Lower Upper

101 100

103 61.9 52.6 79.0





#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.054 ppbv

RT: 4.49 min Scan# 530

Delta R.T. 0.02 min

Lab File: VL037149.D

Acq: 14 Jun 2021 14:52

Instrument :

MSVOA_L

ClientSampleId :

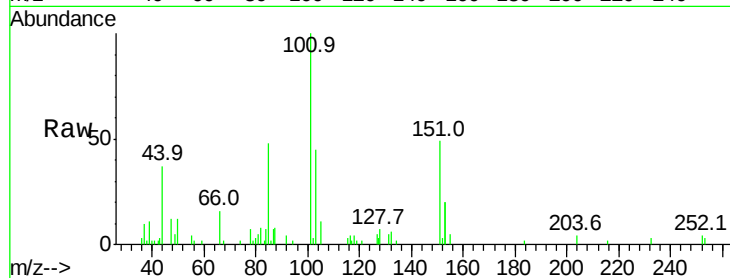
VSTDIC0.1

Tgt Ion:101 Resp: 9680

Ion Ratio Lower Upper

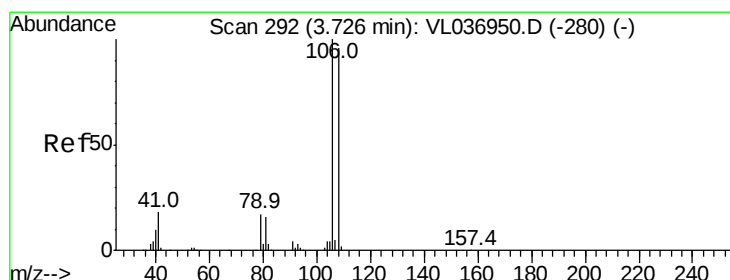
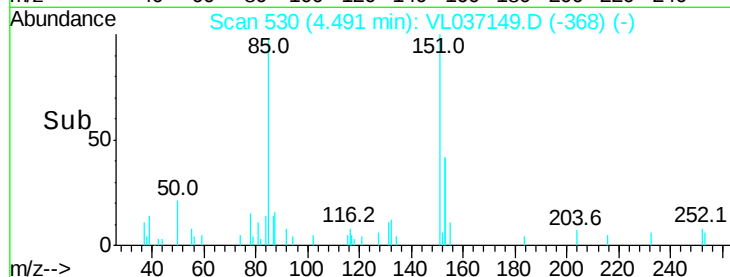
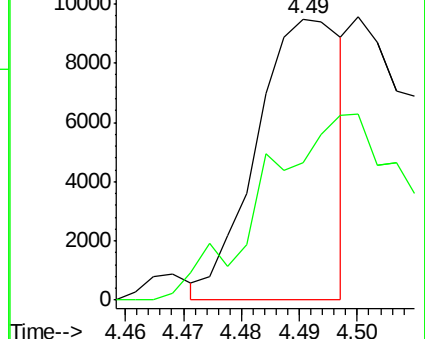
101 100

151 0.0 57.7 86.5#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 151.00 (150.70 to 151.70): V



#14

Bromoethene

Concen: 0.050 ppbv

RT: 3.75 min Scan# 300

Delta R.T. 0.03 min

Lab File: VL037149.D

Acq: 14 Jun 2021 14:52

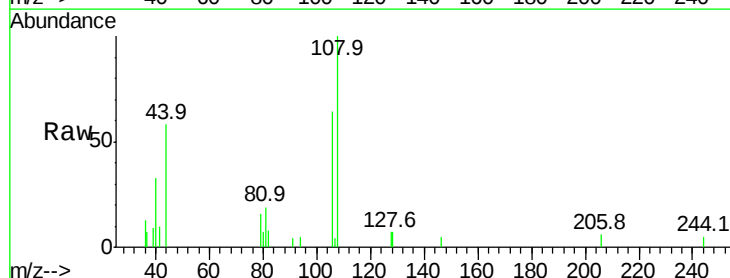
Tgt Ion:108 Resp: 3948

Ion Ratio Lower Upper

108 100

106 216.8 86.5 129.7#

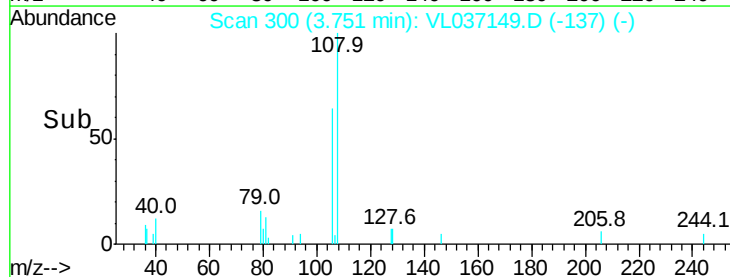
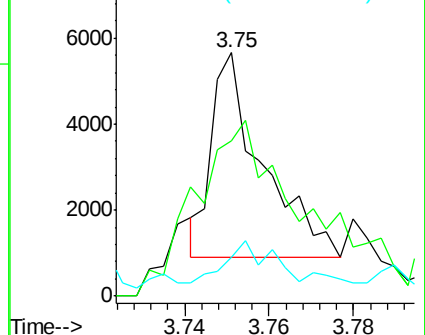
79 65.8 15.0 22.4#

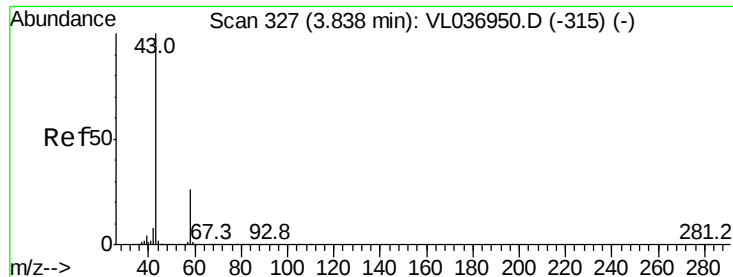


Abundance Ion 108.00 (107.70 to 108.70): V

Ion 106.00 (105.70 to 106.70): V

Ion 79.00 (78.70 to 79.70): VL0





#15

Acetone

Concen: 0.201 ppbv

RT: 3.90 min Scan# 346

Delta R.T. 0.06 min

Lab File: VL037149.D

Acq: 14 Jun 2021 14:52

Instrument :

MSVOA_L

ClientSampleId :

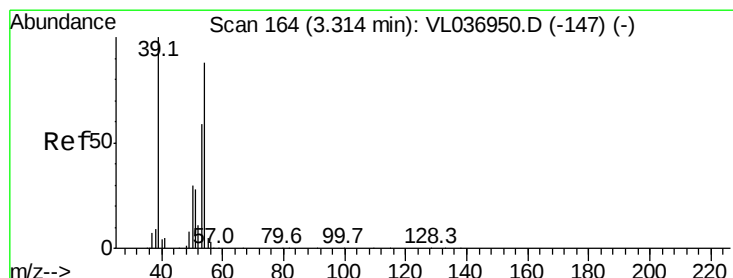
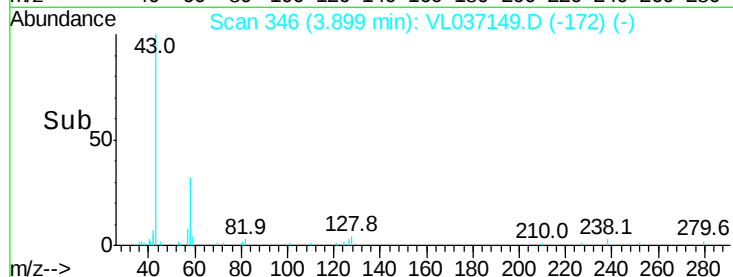
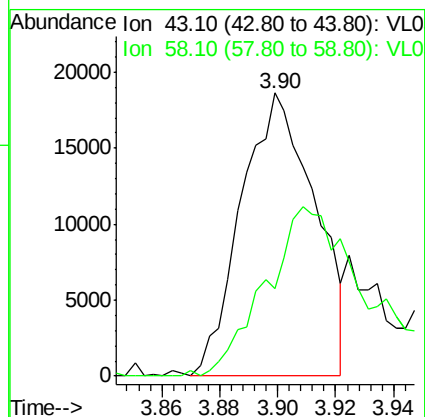
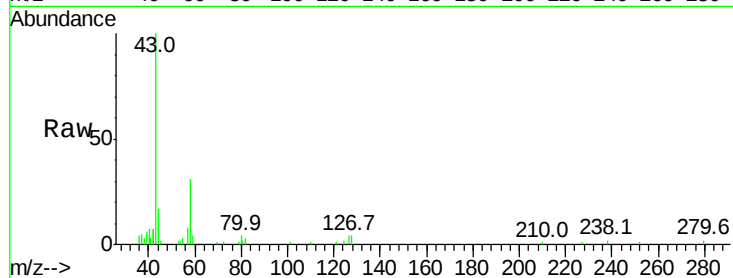
VSTDIC0.1

Tgt Ion: 43 Resp: 32877

Ion Ratio Lower Upper

43 100

58 97.1 24.0 36.0#



#16

1,3-Butadiene

Concen: 0.060 ppbv

RT: 3.34 min Scan# 171

Delta R.T. 0.02 min

Lab File: VL037149.D

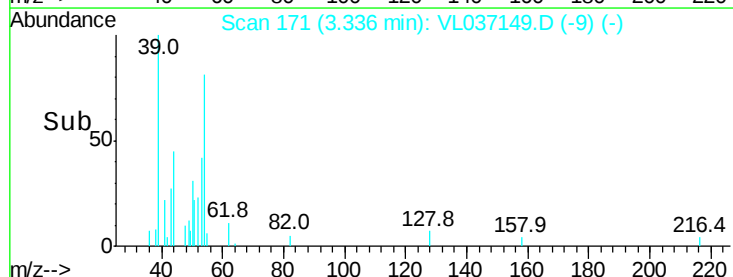
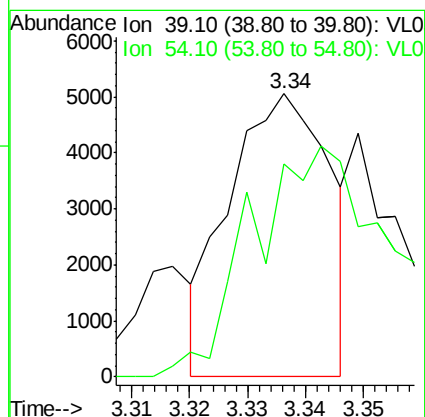
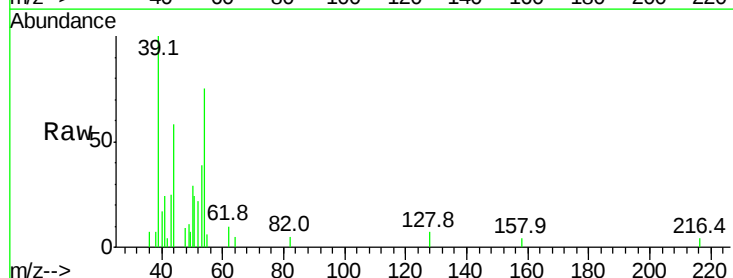
Acq: 14 Jun 2021 14:52

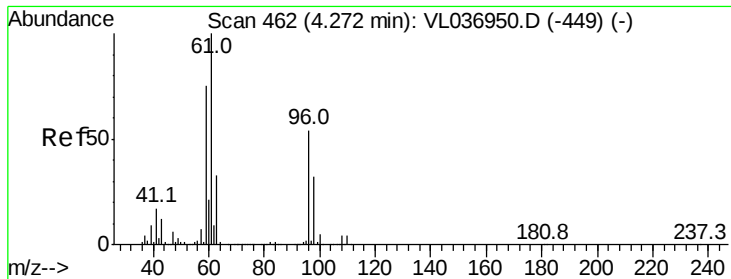
Tgt Ion: 39 Resp: 6079

Ion Ratio Lower Upper

39 100

54 0.0 63.2 94.8#





#18

1,1-Dichloroethene

Concen: 0.097 ppbv

RT: 4.31 min Scan# 473

Delta R.T. 0.03 min

Lab File: VL037149.D

Acq: 14 Jun 2021 14:52

Instrument :

MSVOA_L

ClientSampleID :

VSTDIC0.1

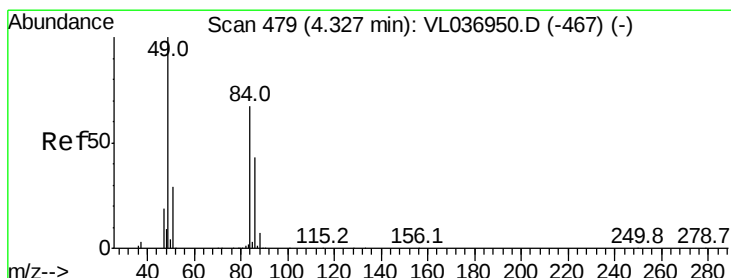
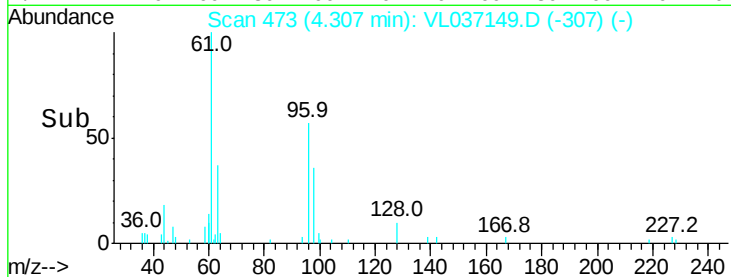
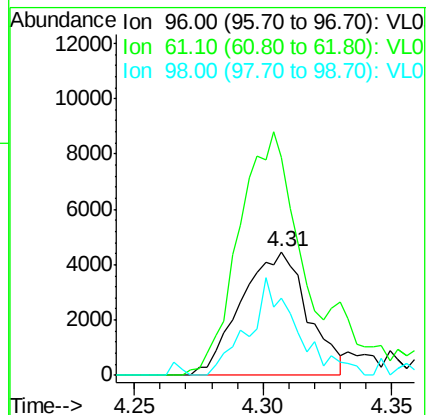
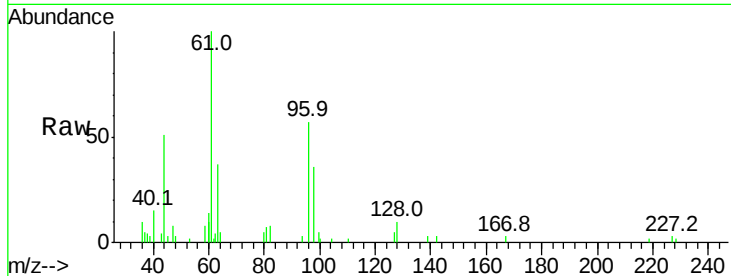
Tgt Ion: 96 Resp: 8063

Ion Ratio Lower Upper

96 100

61 176.4 148.2 222.4

98 62.8 47.8 71.6



#20

Methylene Chloride

Concen: 0.082 ppbv

RT: 4.36 min Scan# 488

Delta R.T. 0.03 min

Lab File: VL037149.D

Acq: 14 Jun 2021 14:52

Tgt Ion: 84 Resp: 7207

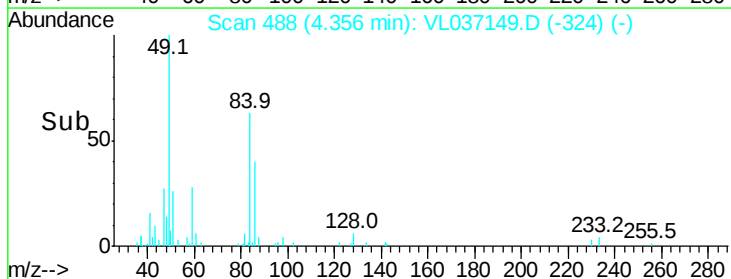
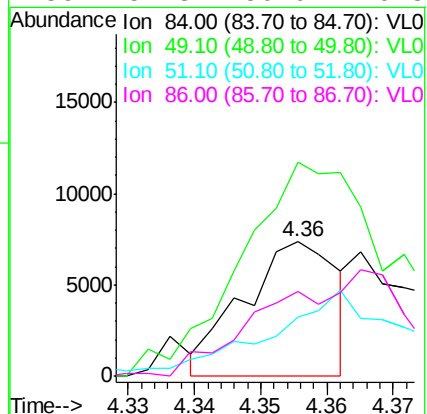
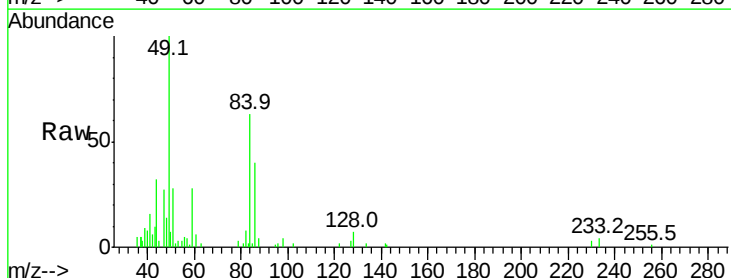
Ion Ratio Lower Upper

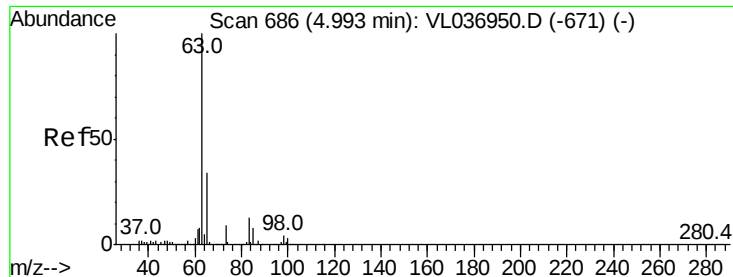
84 100

49 142.3 119.8 179.6

51 36.7 35.1 52.7

86 52.3 50.9 76.3





#24

1,1-Dichloroethane

Concen: 0.067 ppbv

RT: 5.03 min Scan# 697

Delta R.T. 0.03 min

Lab File: VL037149.D

Acq: 14 Jun 2021 14:52

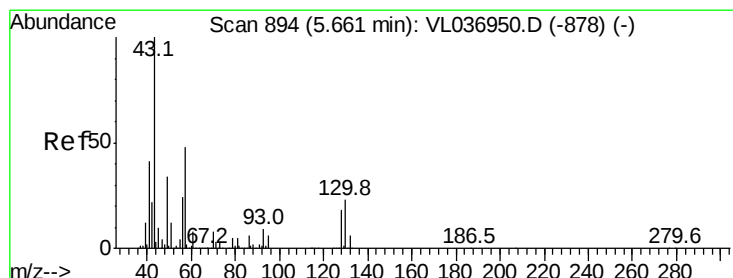
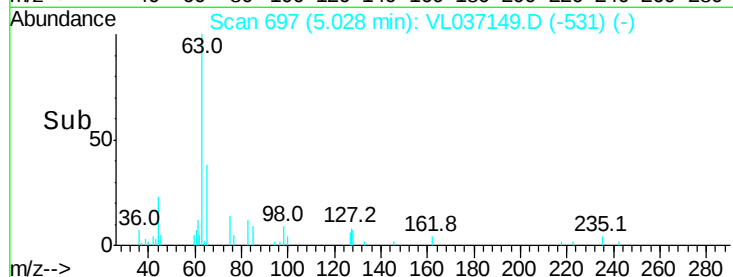
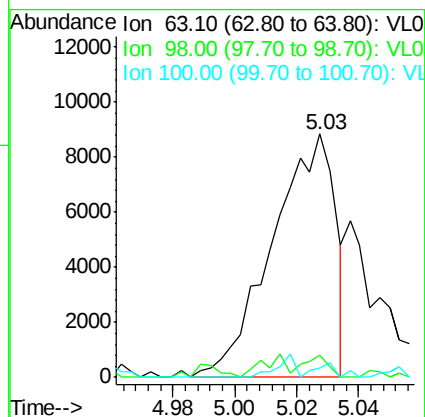
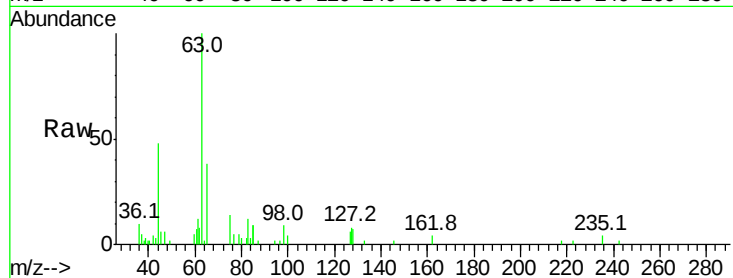
Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.1

Tgt Ion:	63	Resp:	12471
Ion	Ratio	Lower	Upper
63	100		
98	9.3	2.3	6.9#
100	4.0	1.4	4.0



#25

Ethyl Acetate

Concen: 0.051 ppbv

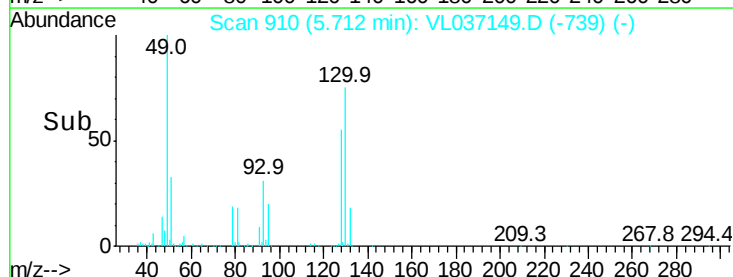
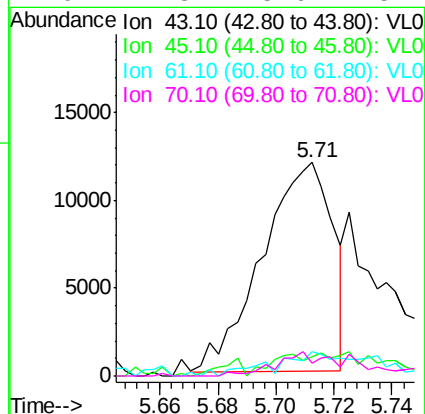
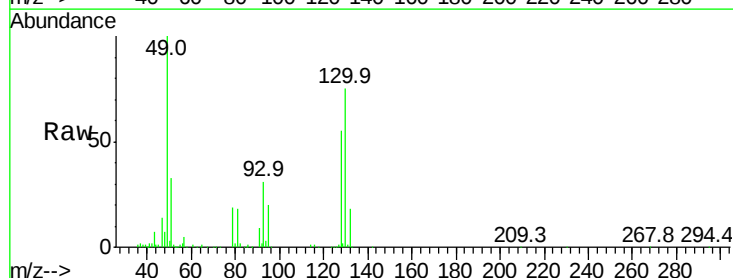
RT: 5.71 min Scan# 910

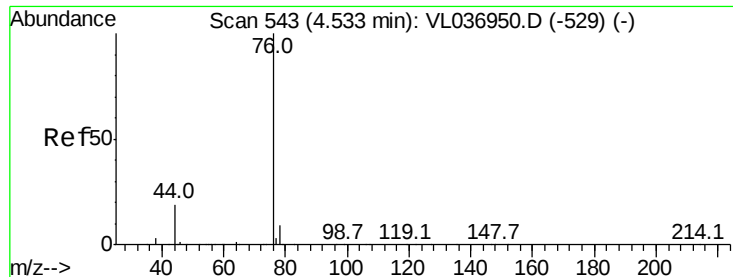
Delta R.T. 0.05 min

Lab File: VL037149.D

Acq: 14 Jun 2021 14:52

Tgt Ion:	43	Resp:	20139
Ion	Ratio	Lower	Upper
43	100		
45	0.0	7.8	11.8#
61	18.3	7.8	11.8#
70	11.8	5.6	8.4#





#27

Carbon Disulfide

Concen: 0.043 ppbv

RT: 4.57 min Scan# 554

Delta R.T. 0.03 min

Lab File: VL037149.D

Acq: 14 Jun 2021 14:52

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.1

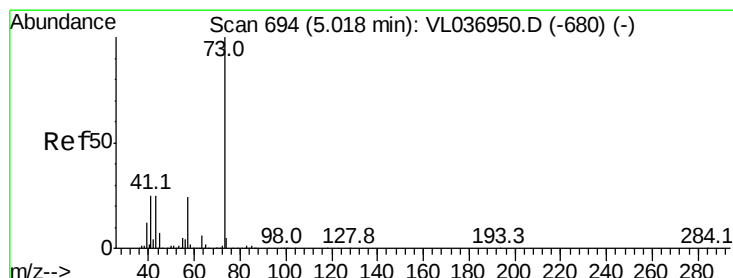
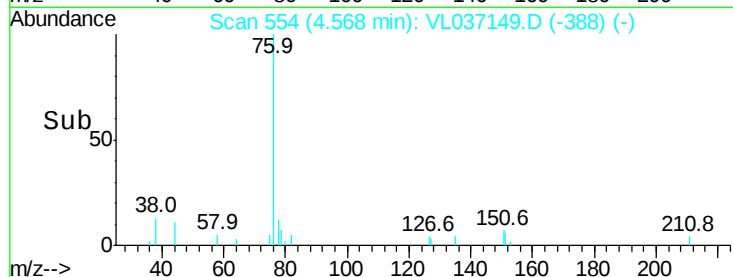
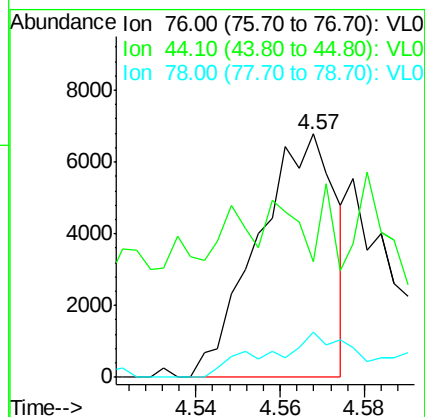
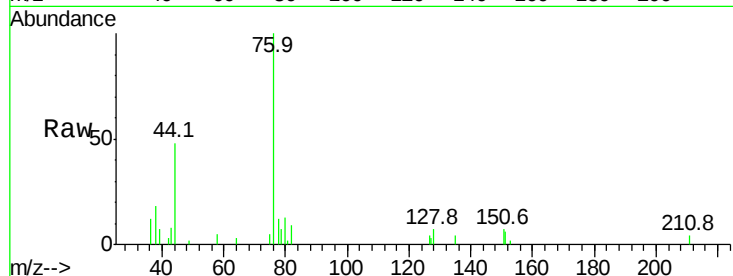
Tgt Ion: 76 Resp: 8630

Ion Ratio Lower Upper

76 100

44 42.8 15.5 23.3#

78 25.0 7.8 11.6#



#28

Methyl tert-Butyl Ether

Concen: 0.061 ppbv

RT: 5.08 min Scan# 712

Delta R.T. 0.06 min

Lab File: VL037149.D

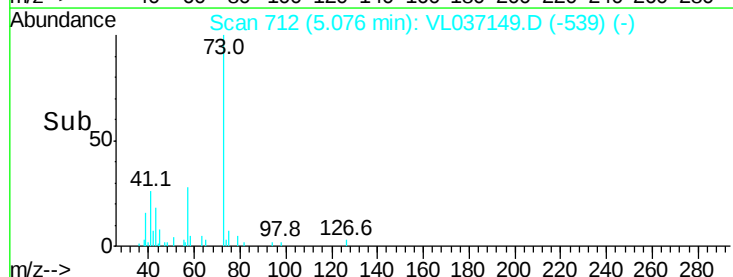
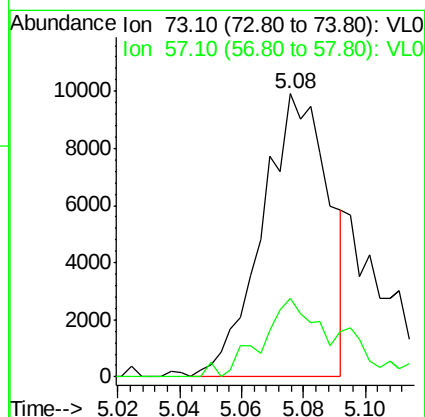
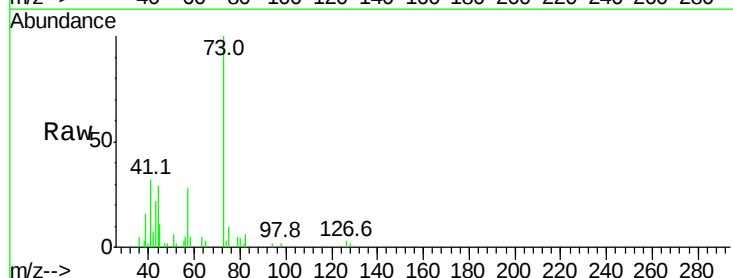
Acq: 14 Jun 2021 14:52

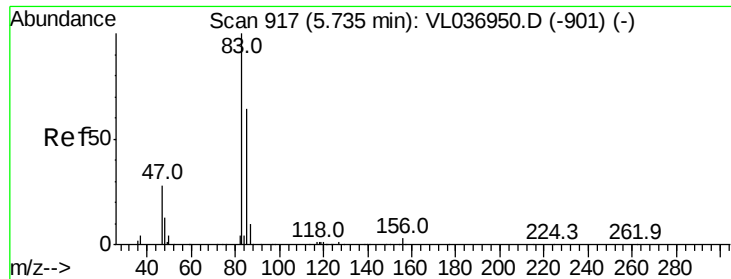
Tgt Ion: 73 Resp: 14802

Ion Ratio Lower Upper

73 100

57 34.2 18.3 27.5#

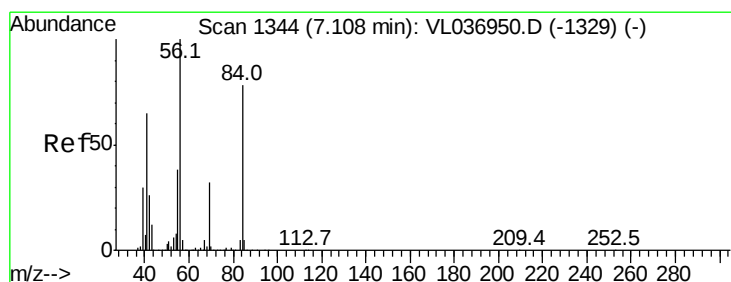
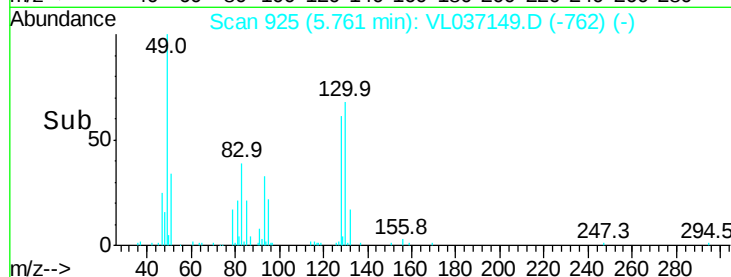
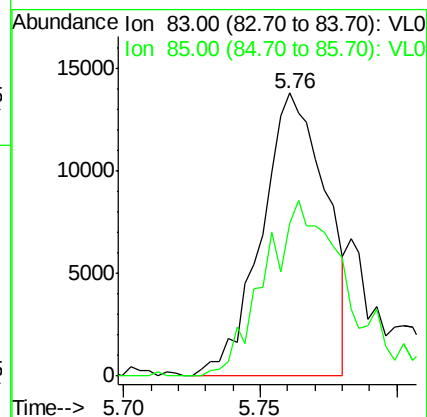
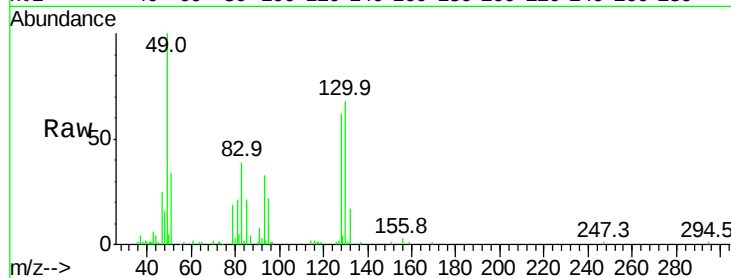




#29
Chloroform
Concen: 0.080 ppbv
RT: 5.76 min Scan# 925
Delta R.T. 0.03 min
Lab File: VL037149.D
Acq: 14 Jun 2021 14:52

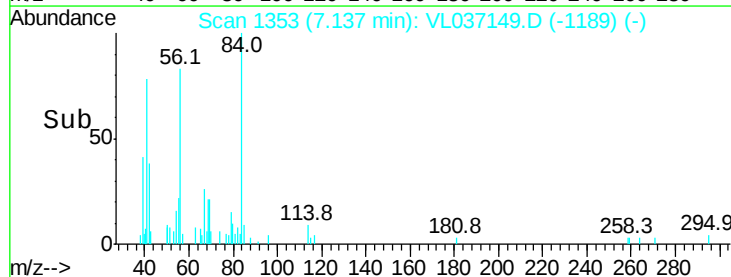
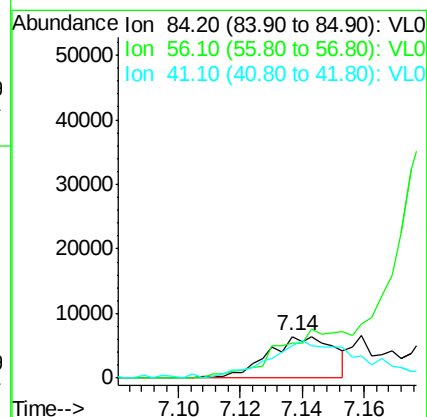
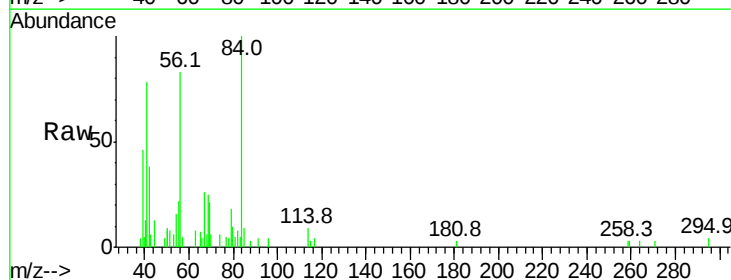
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1

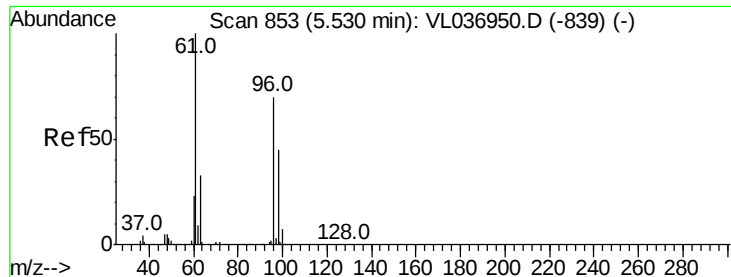
Tgt Ion: 83 Resp: 22614
Ion Ratio Lower Upper
83 100
85 54.0 51.1 76.7



#30
Cyclohexane
Concen: 0.056 ppbv
RT: 7.14 min Scan# 1353
Delta R.T. 0.03 min
Lab File: VL037149.D
Acq: 14 Jun 2021 14:52

Tgt Ion: 84 Resp: 9577
Ion Ratio Lower Upper
84 100
56 0.0 107.9 161.9#
41 133.8 65.5 98.3#





#31

cis-1,2-Dichloroethene

Concen: 0.056 ppbv

RT: 5.56 min Scan# 864

Delta R.T. 0.03 min

Lab File: VL037149.D

Acq: 14 Jun 2021 14:52

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.1

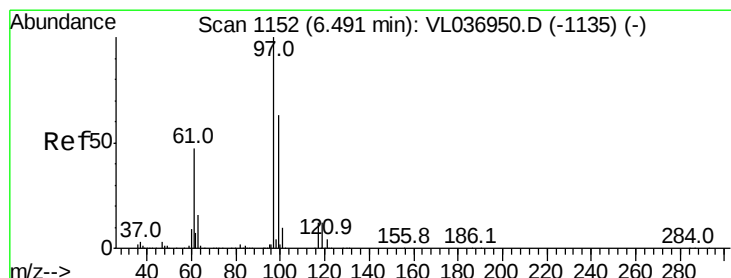
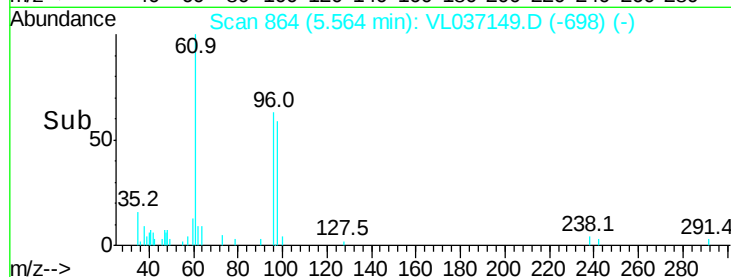
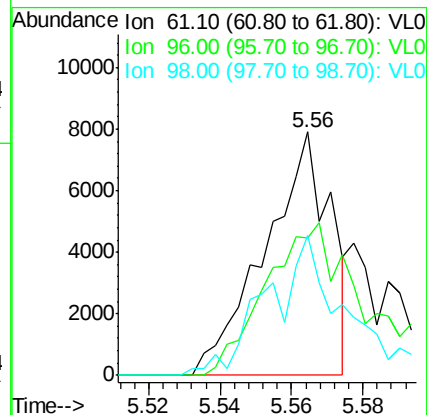
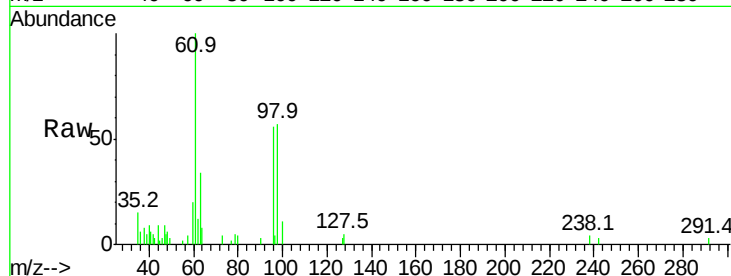
Tgt Ion: 61 Resp: 10034

Ion Ratio Lower Upper

61 100

96 56.3 55.9 83.9

98 54.6 35.6 53.4#



#32

1,1,1-Trichloroethane

Concen: 0.073 ppbv

RT: 6.52 min Scan# 1162

Delta R.T. 0.03 min

Lab File: VL037149.D

Acq: 14 Jun 2021 14:52

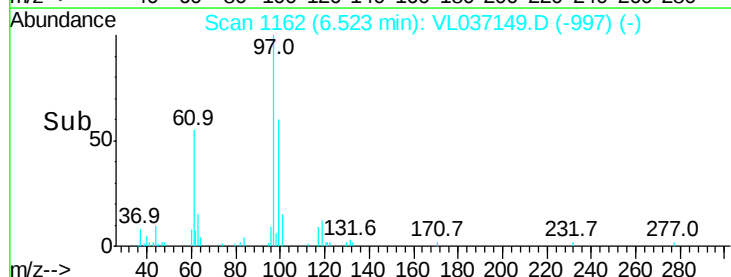
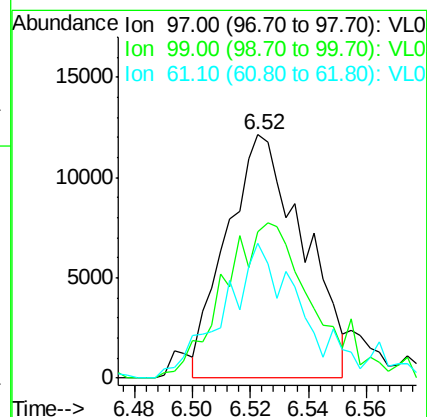
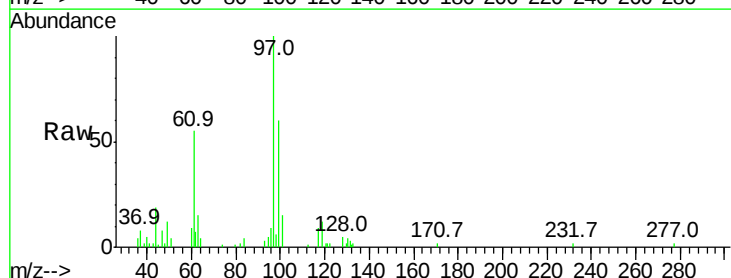
Tgt Ion: 97 Resp: 22318

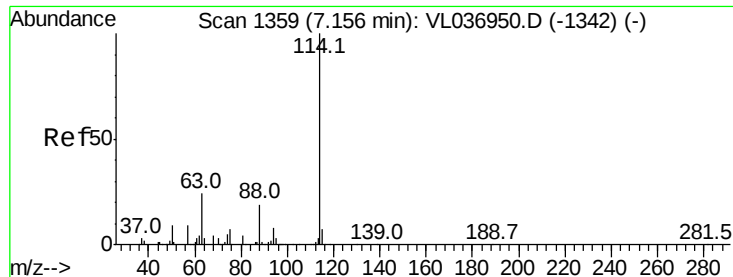
Ion Ratio Lower Upper

97 100

99 77.0 51.9 77.9

61 62.4 37.6 56.4#

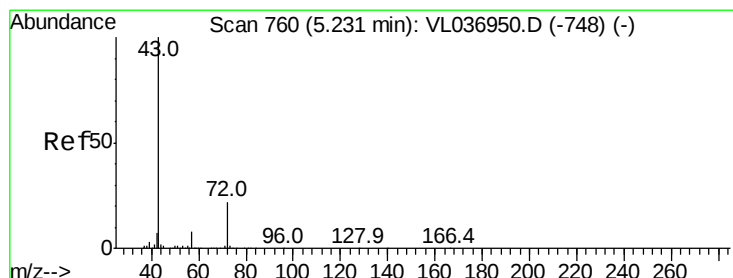
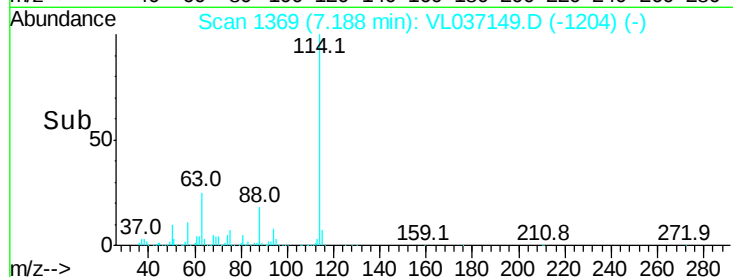
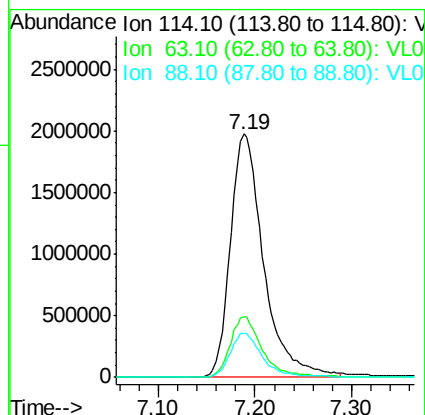
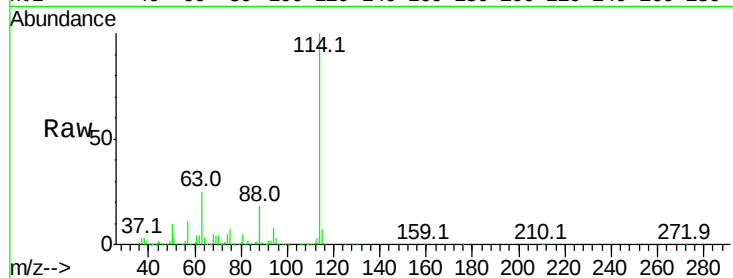




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19 min Scan# 1369
 Delta R.T. 0.03 min
 Lab File: VL037149.D
 Acq: 14 Jun 2021 14:52

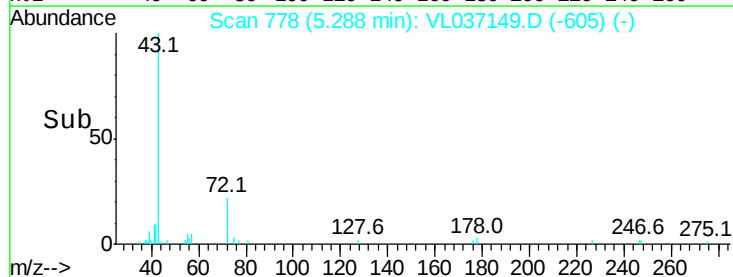
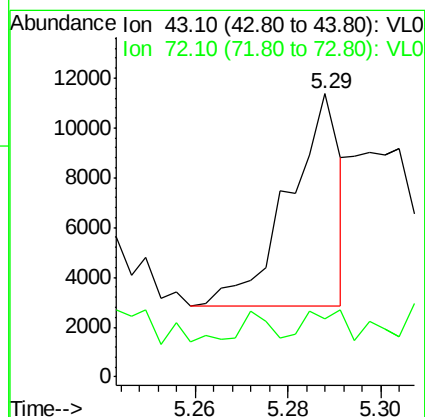
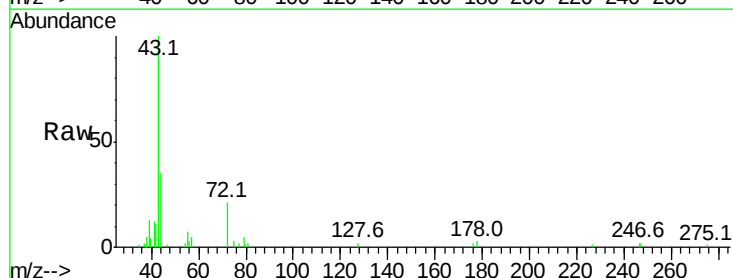
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.1

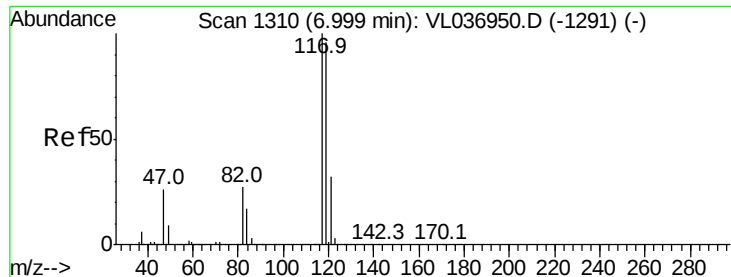
Tgt Ion:114 Resp: 4723942
 Ion Ratio Lower Upper
 114 100
 63 24.5 19.6 29.4
 88 17.9 14.6 21.8



#34
 2-Butanone
 Concen: 0.038 ppbv
 RT: 5.29 min Scan# 778
 Delta R.T. 0.06 min
 Lab File: VL037149.D
 Acq: 14 Jun 2021 14:52

Tgt Ion: 43 Resp: 6536
 Ion Ratio Lower Upper
 43 100
 72 45.1 19.0 28.4#





#35

Carbon Tetrachloride

Concen: 0.037 ppbv

RT: 7.03 min Scan# 1320

Delta R.T. 0.03 min

Lab File: VL037149.D

Acq: 14 Jun 2021 14:52

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.1

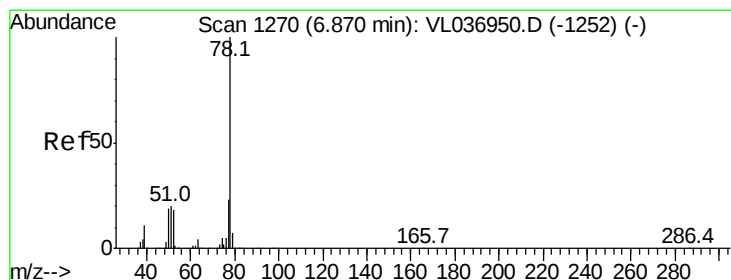
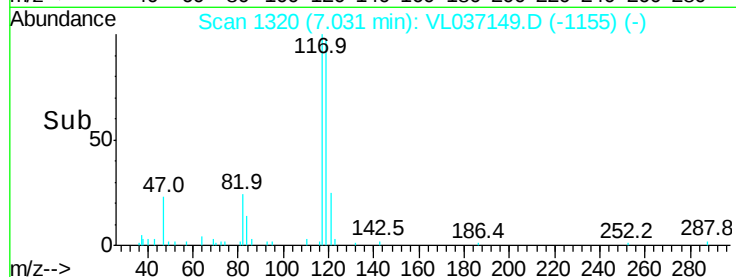
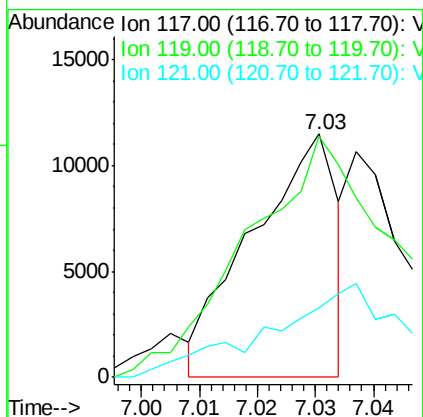
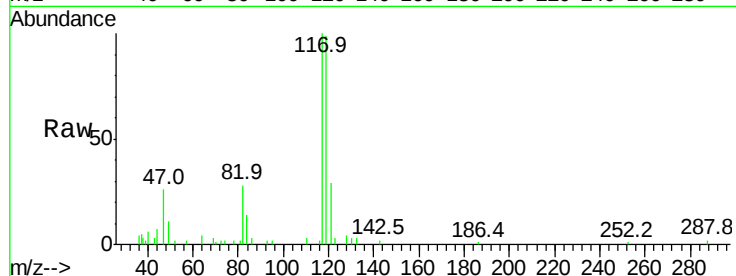
Tgt Ion:117 Resp: 11713

Ion Ratio Lower Upper

117 100

119 91.9 76.6 114.8

121 23.1 25.8 38.6#



#36

Benzene

Concen: 0.044 ppbv

RT: 6.90 min Scan# 1280

Delta R.T. 0.03 min

Lab File: VL037149.D

Acq: 14 Jun 2021 14:52

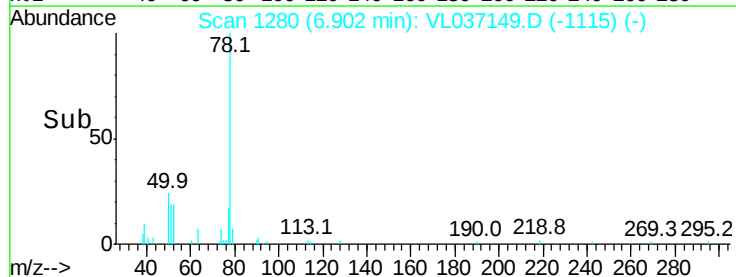
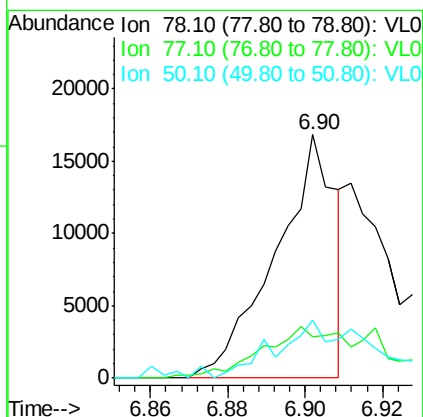
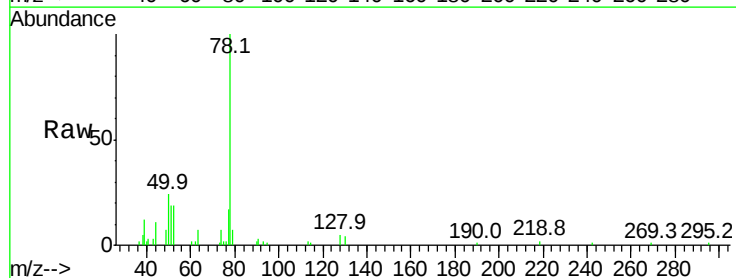
Tgt Ion: 78 Resp: 18020

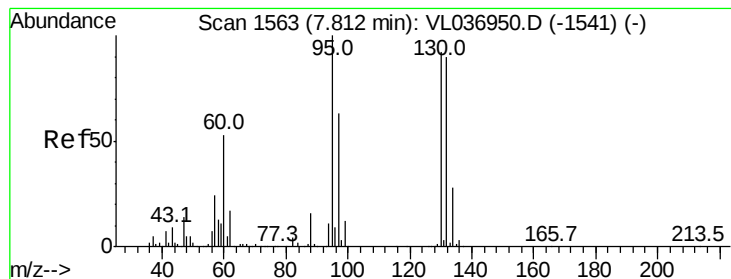
Ion Ratio Lower Upper

78 100

77 16.2 18.6 28.0#

50 23.7 15.0 22.4#





#38

Trichloroethene

Concen: 0.060 ppbv

RT: 7.85 min Scan# 1575

Delta R.T. 0.04 min

Lab File: VL037149.D

Acq: 14 Jun 2021 14:52

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.1

Tgt Ion:130 Resp: 10414

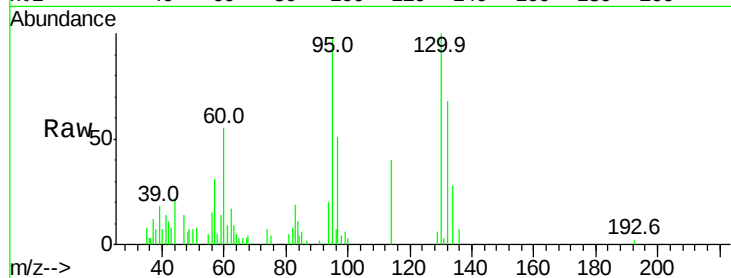
Ion Ratio Lower Upper

130 100

95 99.2 86.9 130.3

132 62.7 78.4 117.6#

97 50.2 55.0 82.6#

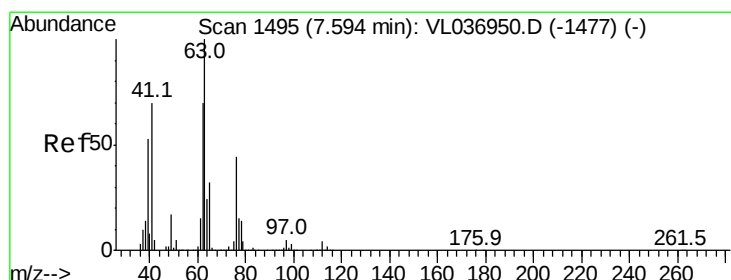
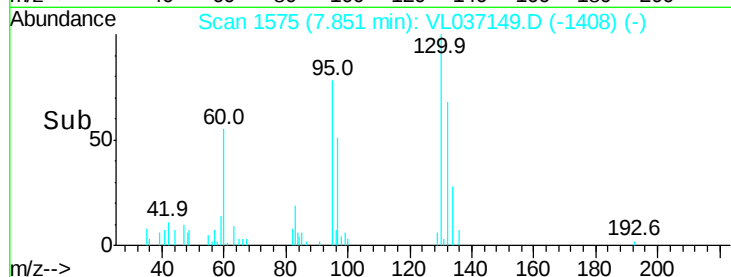
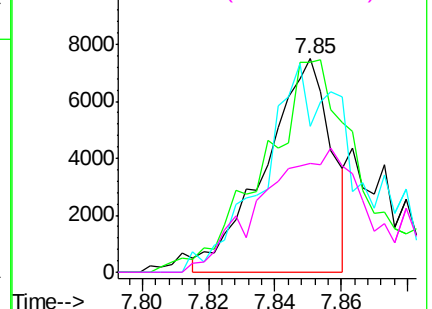


Abundance Ion 130.00 (129.70 to 130.70): V

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: 7.137 ppbv

RT: 7.19 min Scan# 1370

Delta R.T. -0.40 min

Lab File: VL037149.D

Acq: 14 Jun 2021 14:52

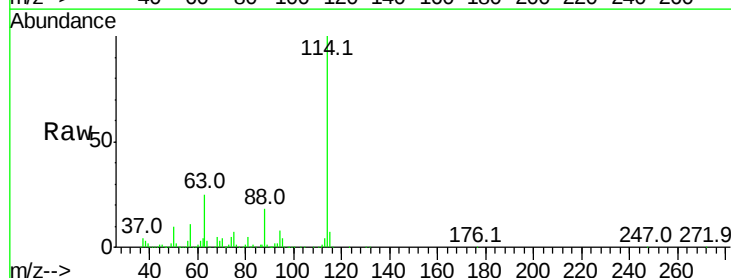
Tgt Ion: 63 Resp: 1118657

Ion Ratio Lower Upper

63 100

41 0.2 55.7 83.5#

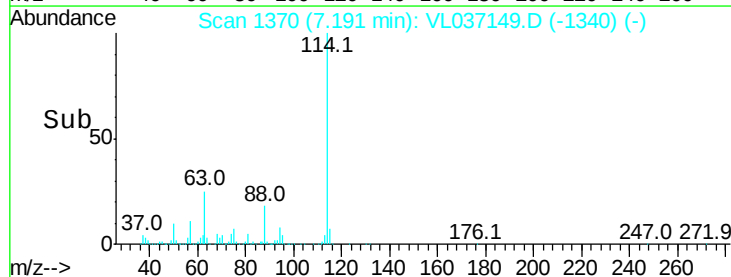
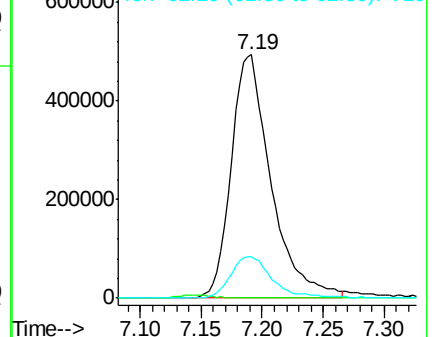
62 17.2 56.2 84.4#

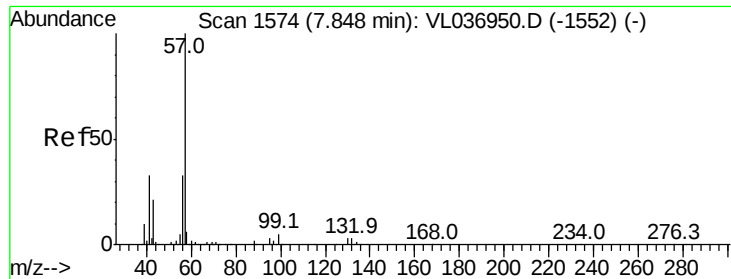


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0

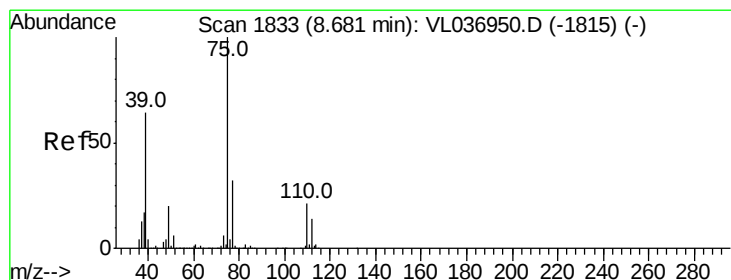
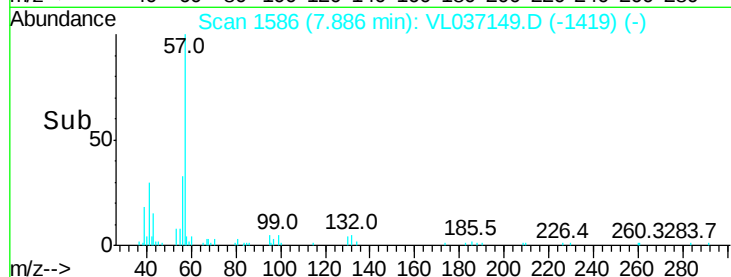
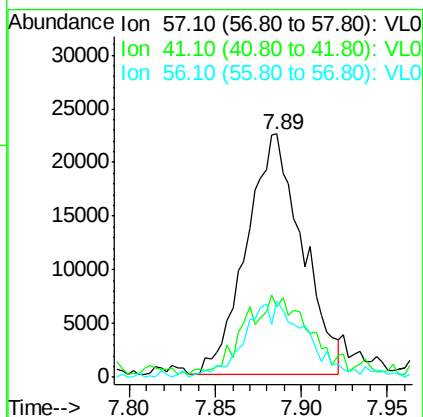
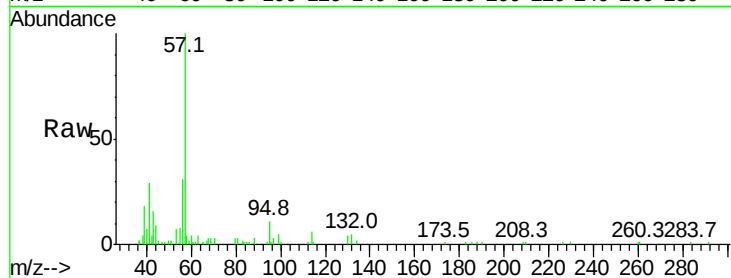




#44
 2,2,4-Trimethylpentane
 Concen: 0.073 ppbv
 RT: 7.89 min Scan# 1586
 Delta R.T. 0.04 min
 Lab File: VL037149.D
 Acq: 14 Jun 2021 14:52

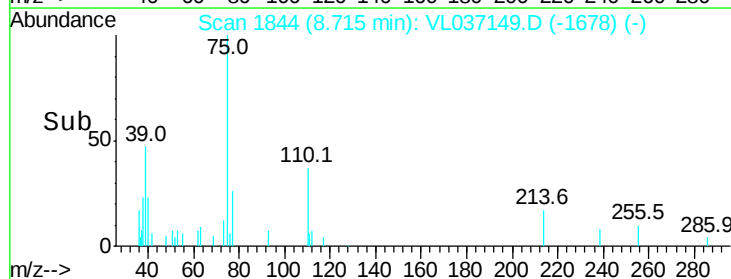
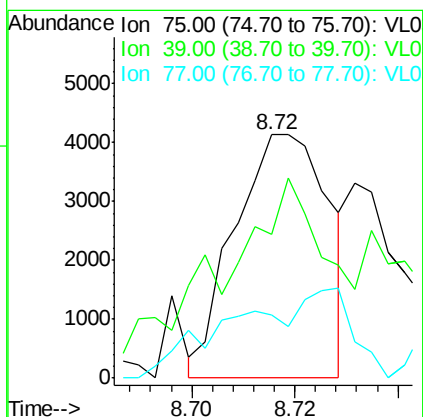
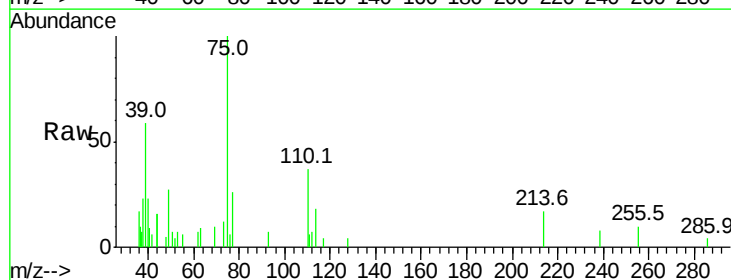
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.1

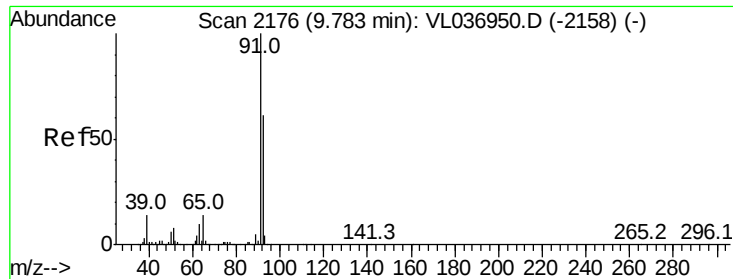
Tgt Ion: 57 Resp: 50730
 Ion Ratio Lower Upper
 57 100
 41 45.3 27.0 40.4#
 56 35.7 25.4 38.2



#46
 cis-1,3-Dichloropropene
 Concen: 0.036 ppbv
 RT: 8.72 min Scan# 1844
 Delta R.T. 0.03 min
 Lab File: VL037149.D
 Acq: 14 Jun 2021 14:52

Tgt Ion: 75 Resp: 5211
 Ion Ratio Lower Upper
 75 100
 39 24.6 51.5 77.3#
 77 7.3 25.9 38.9#





#53

Toluene

Concen: 0.033 ppbv

RT: 9.82 min Scan# 2189

Delta R.T. 0.04 min

Lab File: VL037149.D

Acq: 14 Jun 2021 14:52

Instrument :

MSVOA_L

ClientSampleId :

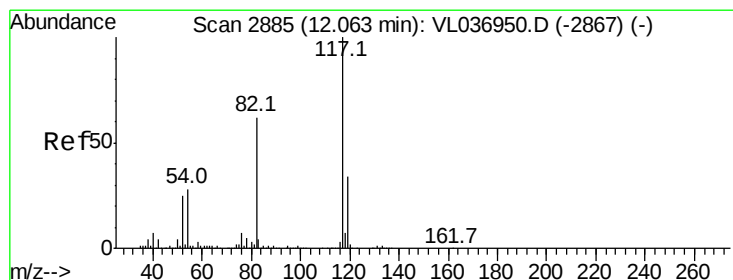
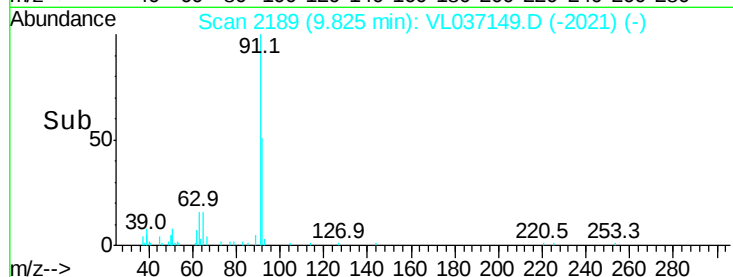
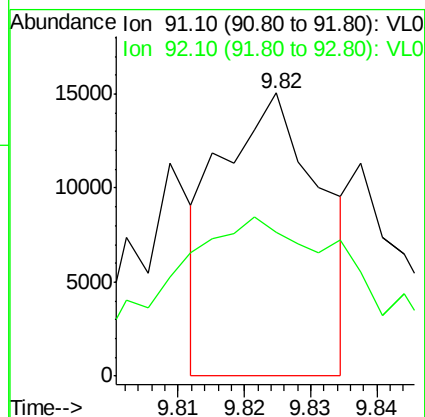
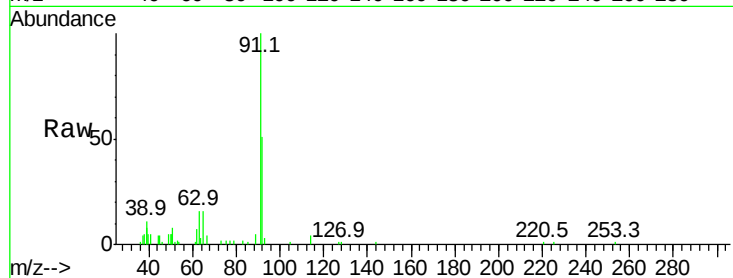
VSTDIC0.1

Tgt Ion: 91 Resp: 15895

Ion Ratio Lower Upper

91 100

92 126.1 49.5 74.3#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.10 min Scan# 2897

Delta R.T. 0.04 min

Lab File: VL037149.D

Acq: 14 Jun 2021 14:52

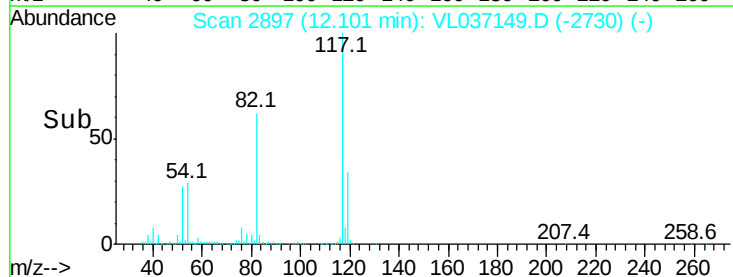
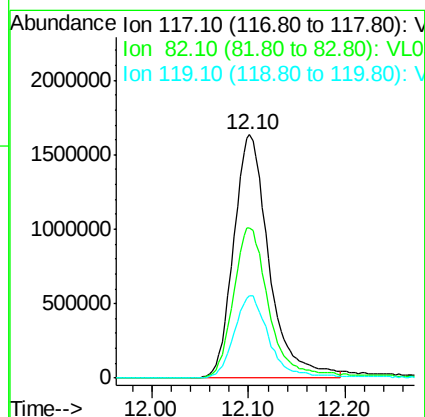
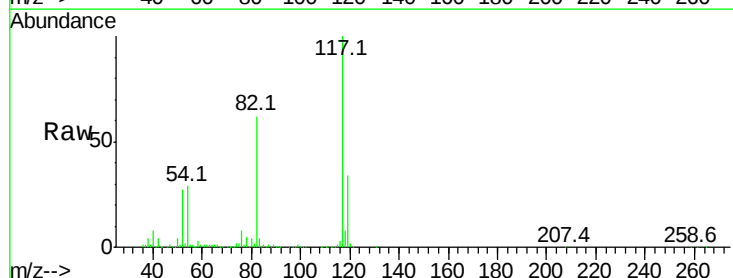
Tgt Ion: 117 Resp: 4170144

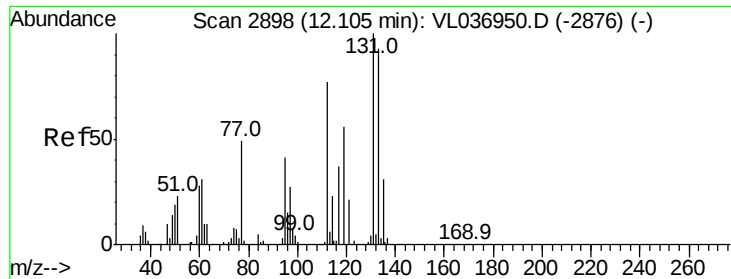
Ion Ratio Lower Upper

117 100

82 63.8 52.6 79.0

119 34.8 46.6 70.0#

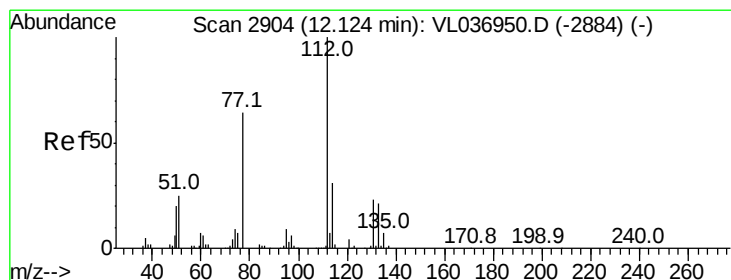
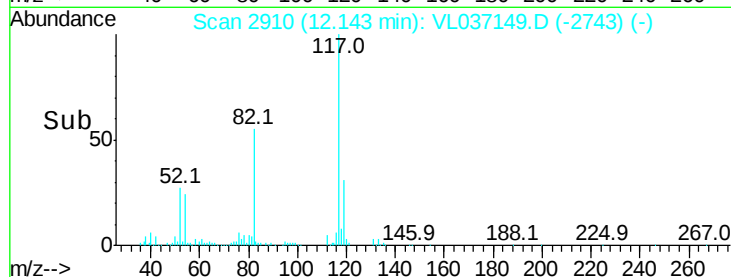
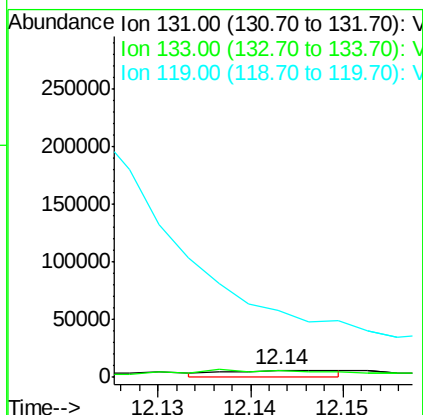
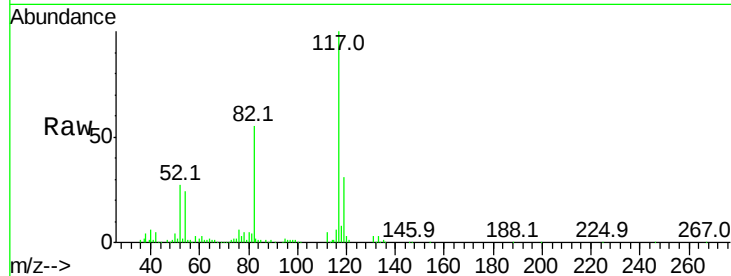




#56
 1,1,1,2-Tetrachloroethane
 Concen: 0.031 ppbv
 RT: 12.14 min Scan# 2910
 Delta R.T. 0.04 min
 Lab File: VL037149.D
 Acq: 14 Jun 2021 14:52

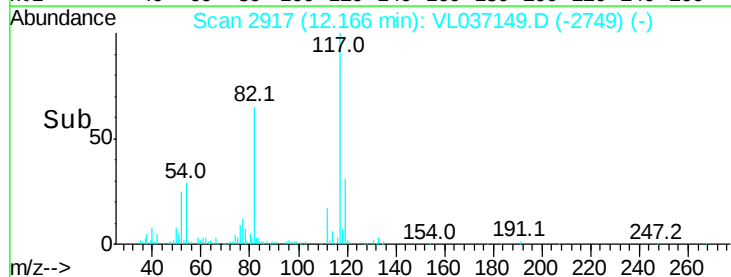
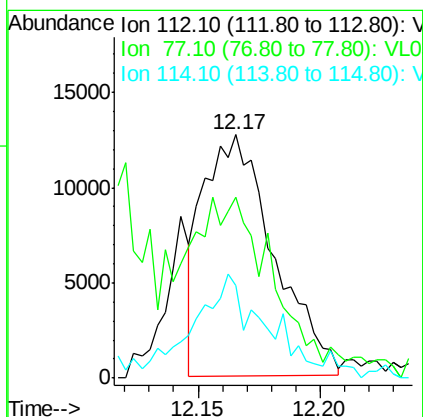
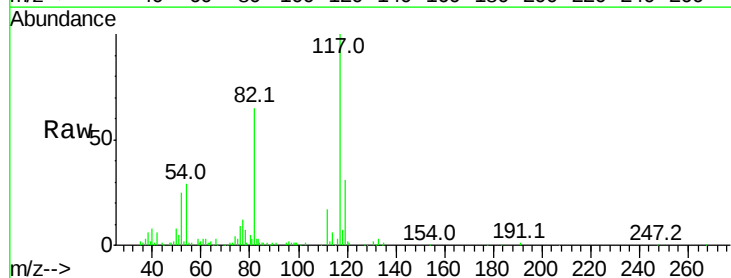
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.1

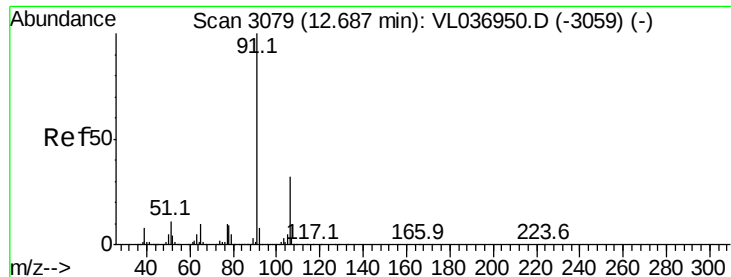
Tgt Ion:131 Resp: 5390
 Ion Ratio Lower Upper
 131 100
 133 254.2 76.9 115.3#
 119 0.0 120.2 180.4#



#57
 Chlorobenzene
 Concen: 0.079 ppbv
 RT: 12.17 min Scan# 2917
 Delta R.T. 0.04 min
 Lab File: VL037149.D
 Acq: 14 Jun 2021 14:52

Tgt Ion:112 Resp: 25685
 Ion Ratio Lower Upper
 112 100
 77 59.5 51.0 76.6
 114 33.3 28.3 34.5





#58

Ethyl Benzene

Concen: 0.036 ppbv

RT: 12.73 min Scan# 3092

Delta R.T. 0.04 min

Lab File: VL037149.D

Acq: 14 Jun 2021 14:52

Instrument :

MSVOA_L

ClientSampleId :

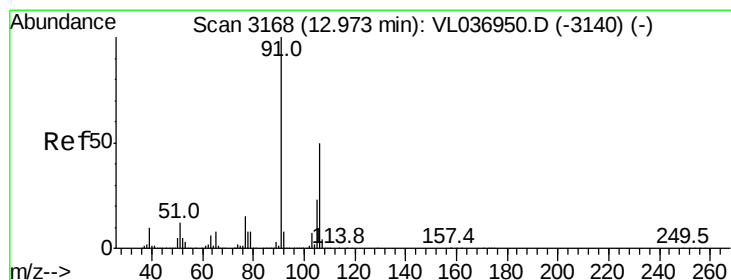
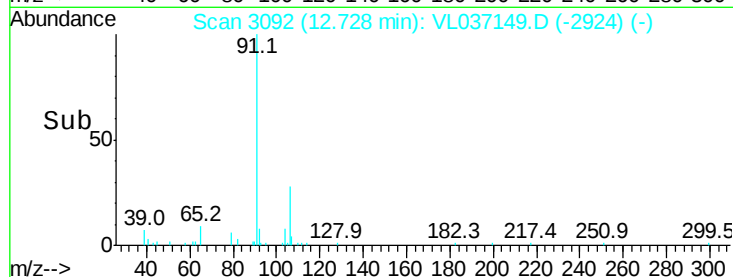
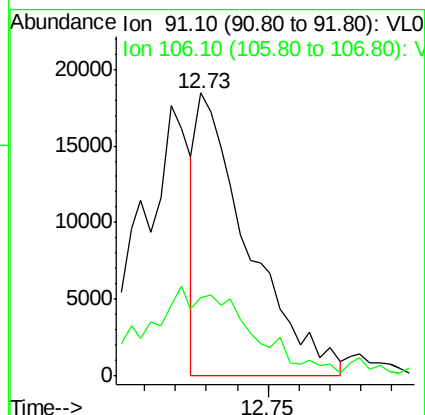
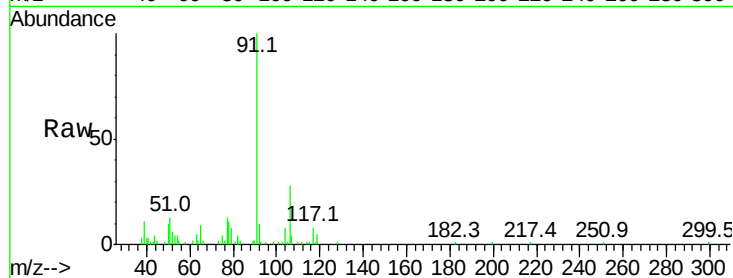
VSTDIC0.1

Tgt Ion: 91 Resp: 21348

Ion Ratio Lower Upper

91 100

106 28.1 25.6 38.4



#59

m/p-Xylene

Concen: 0.049 ppbv

RT: 13.01 min Scan# 3180

Delta R.T. 0.04 min

Lab File: VL037149.D

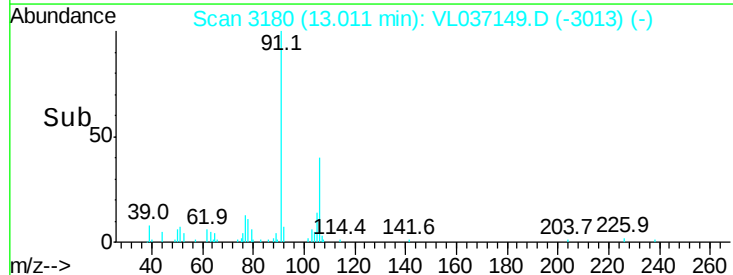
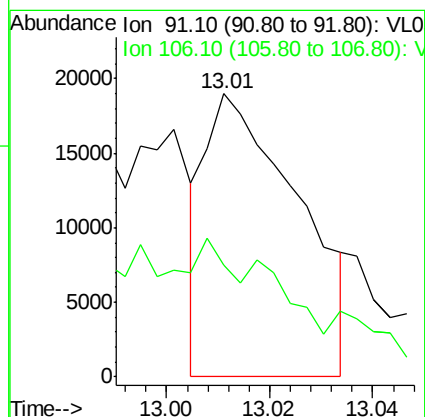
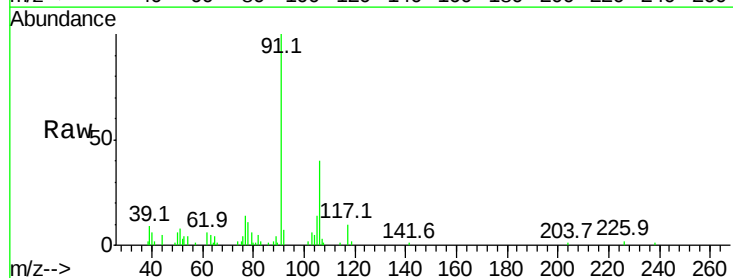
Acq: 14 Jun 2021 14:52

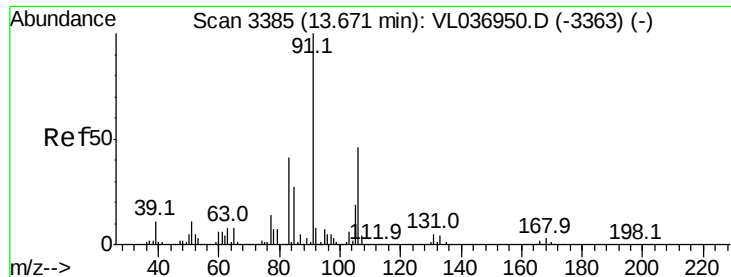
Tgt Ion: 91 Resp: 23727

Ion Ratio Lower Upper

91 100

106 141.5 37.4 56.2#

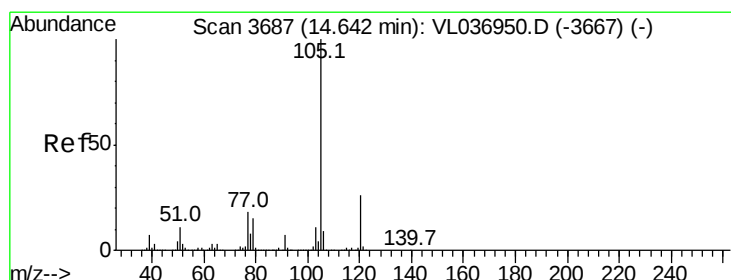
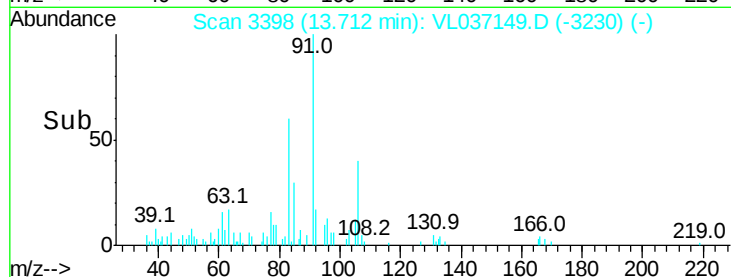
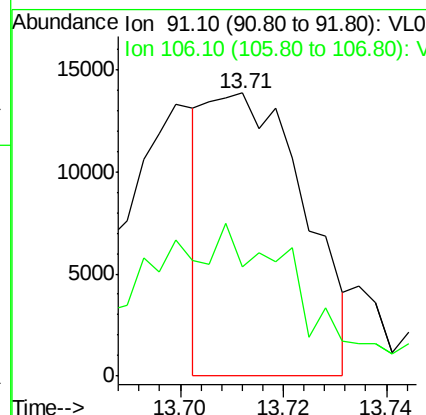
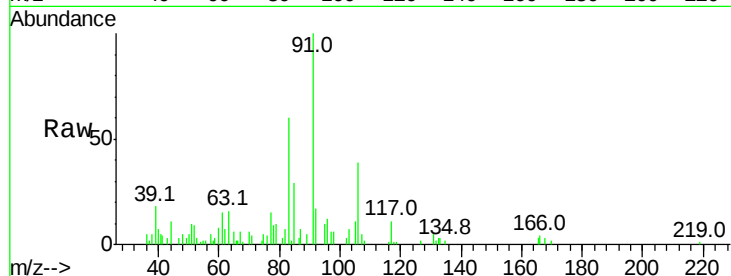




#60
o-Xylene
Concen: 0.039 ppbv
RT: 13.71 min Scan# 3398
Delta R.T. 0.04 min
Lab File: VL037149.D
Acq: 14 Jun 2021 14:52

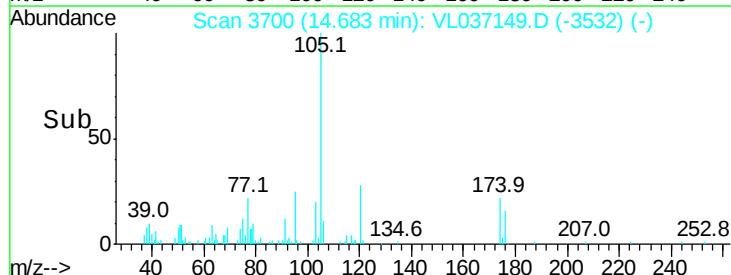
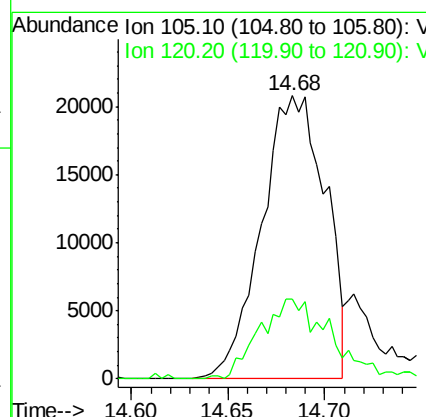
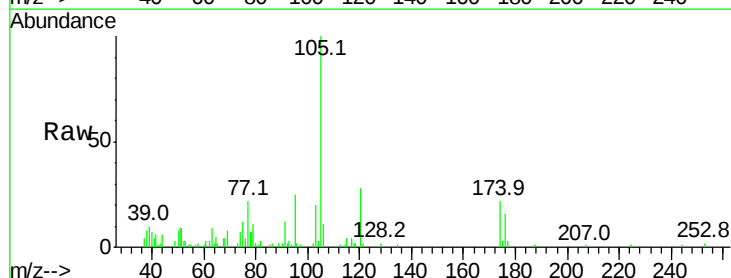
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1

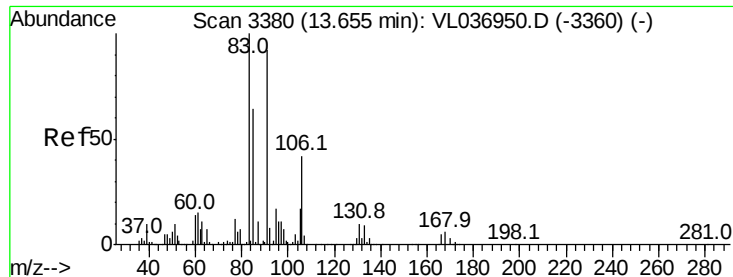
Tgt Ion: 91 Resp: 18299
Ion Ratio Lower Upper
91 100
106 98.6 23.4 70.3#



#62
Isopropylbenzene
Concen: 0.071 ppbv
RT: 14.68 min Scan# 3700
Delta R.T. 0.04 min
Lab File: VL037149.D
Acq: 14 Jun 2021 14:52

Tgt Ion: 105 Resp: 47647
Ion Ratio Lower Upper
105 100
120 31.7 21.7 32.5





#63

1,1,2,2-Tetrachloroethane

Concen: 0.040 ppbv

RT: 13.69 min Scan# 3392

Delta R.T. 0.04 min

Lab File: VL037149.D

Acq: 14 Jun 2021 14:52

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.1

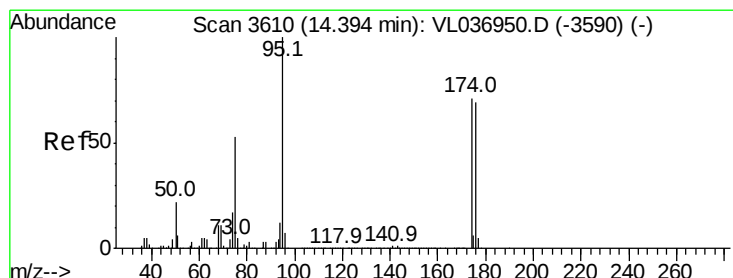
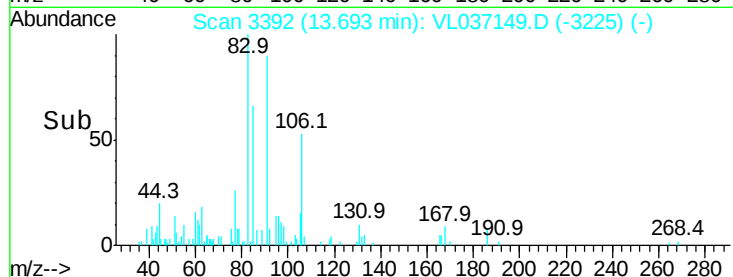
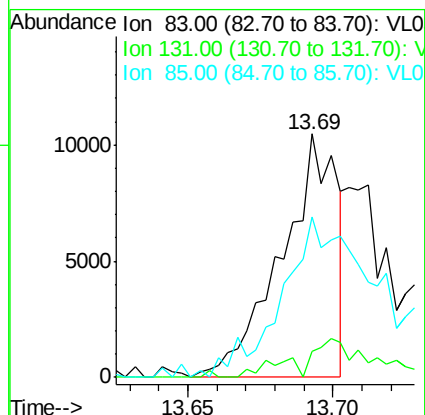
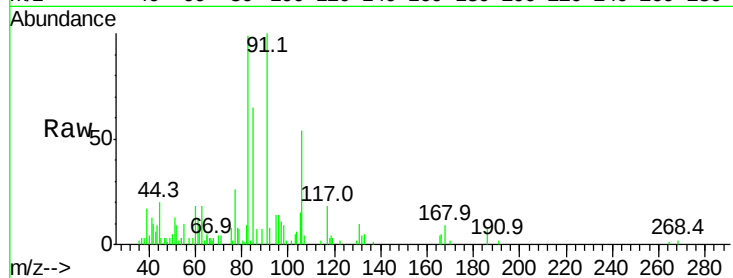
Tgt Ion: 83 Resp: 13878

Ion Ratio Lower Upper

83 100

131 22.2 5.0 15.0#

85 141.8 32.9 98.6#



#68

1-Bromo-4-Fluorobenzene

Concen: 9.522 ppbv

RT: 14.43 min Scan# 3622

Delta R.T. 0.04 min

Lab File: VL037149.D

Acq: 14 Jun 2021 14:52

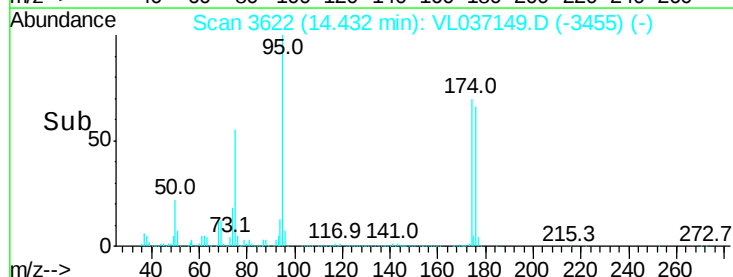
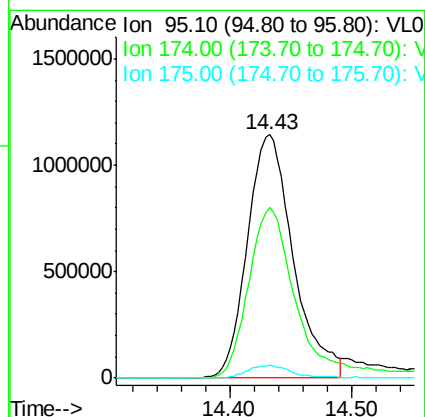
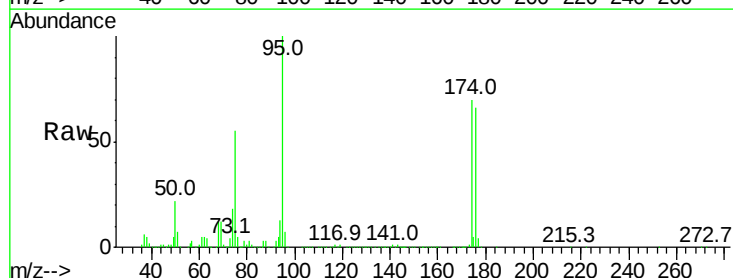
Tgt Ion: 95 Resp: 2982990

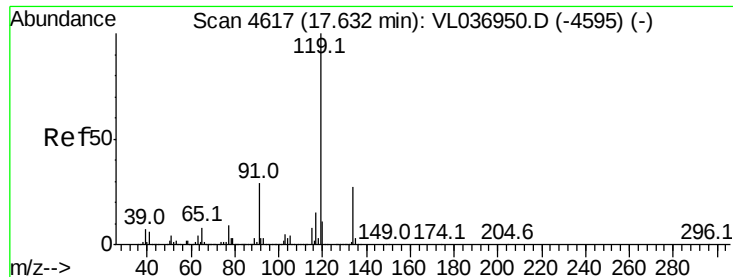
Ion Ratio Lower Upper

95 100

174 77.5 58.4 87.6

175 5.6 4.4 6.6

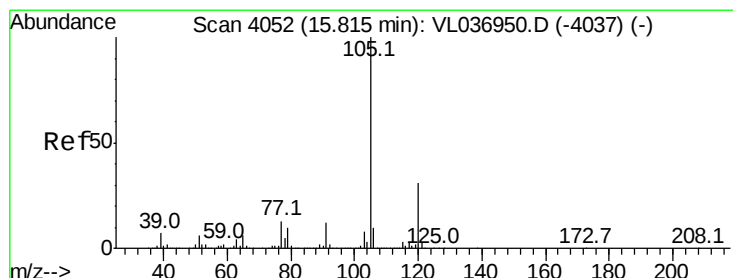
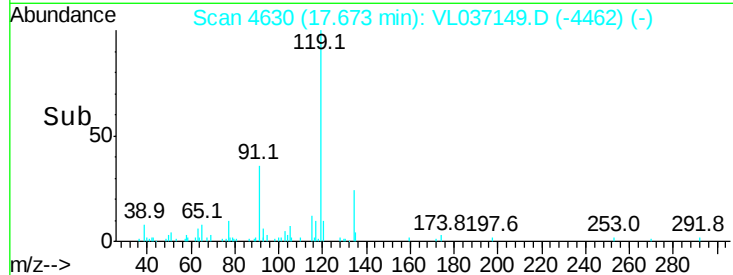
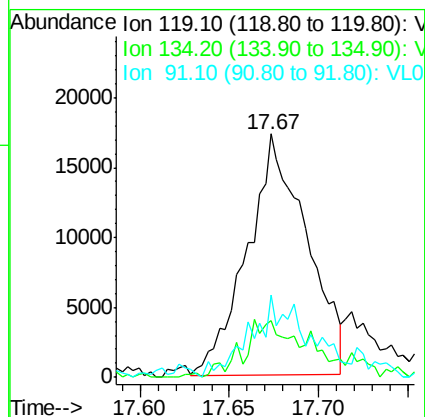
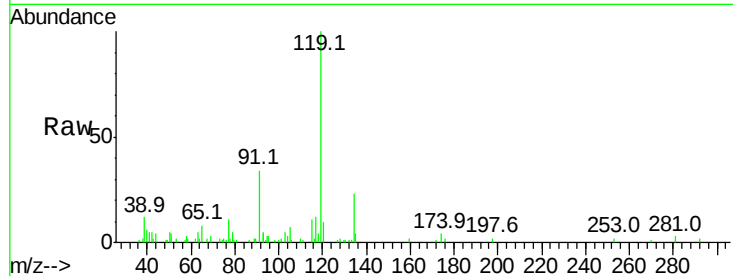




#69
p-Isopropyltoluene
Concen: 0.057 ppbv
RT: 17.67 min Scan# 4630
Delta R.T. 0.04 min
Lab File: VL037149.D
Acq: 14 Jun 2021 14:52

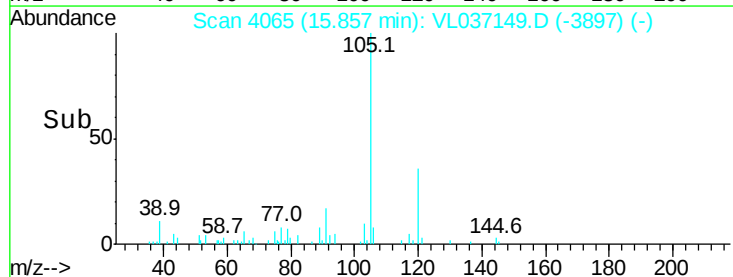
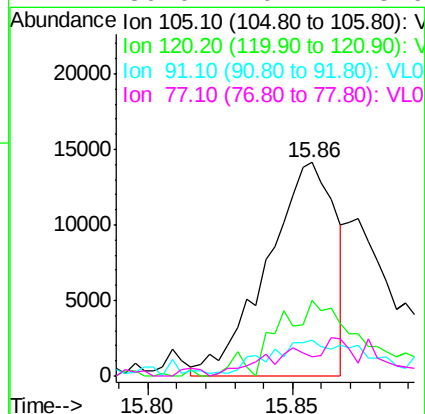
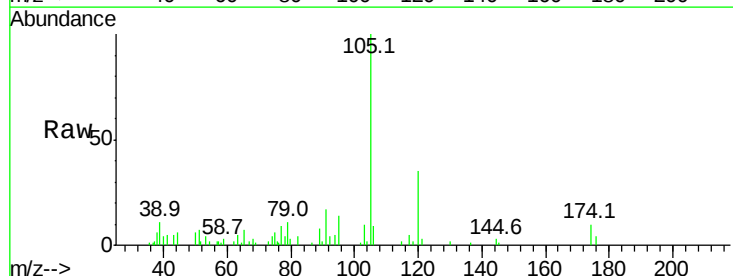
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1

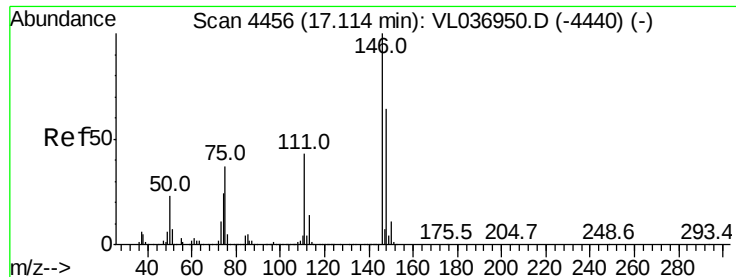
Tgt Ion	Ratio	Lower	Upper
119	100		
134	29.2	21.2	31.8
91	39.9	22.2	33.4



#72
4-Ethyltoluene
Concen: 0.042 ppbv
RT: 15.86 min Scan# 4065
Delta R.T. 0.04 min
Lab File: VL037149.D
Acq: 14 Jun 2021 14:52

Tgt Ion	Ratio	Lower	Upper
105	100		
120	49.9	24.6	37.0
91	26.5	9.8	14.6
77	30.0	10.4	15.6





#76

1,4-Dichlorobenzene

Concen: 0.052 ppbv

RT: 17.16 min Scan# 4470

Delta R.T. 0.04 min

Lab File: VL037149.D

Acq: 14 Jun 2021 14:52

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.1

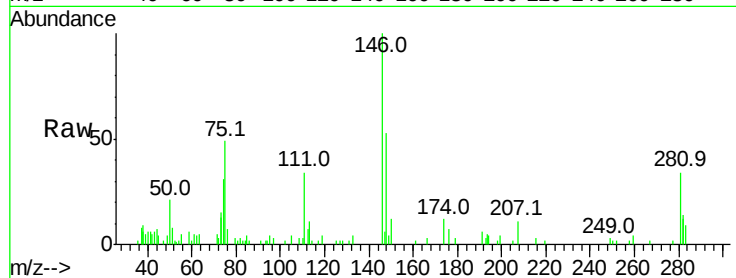
Tgt Ion:146 Resp: 17006

Ion Ratio Lower Upper

146 100

111 71.4 22.6 67.7#

148 105.1 33.5 100.5#



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V

