

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL091621\
 Data File : VL037629.D
 Acq On : 17 Sep 2021 00:04
 Operator : SY/AP
 Sample : M3780-04
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Sep 17 05:29:30 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL091621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Sep 16 13:42:46 2021
 QLast Update : Thu Sep 16 13:42:46 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1594067	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	4539951	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	3854501	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.39	95	1331557	4.78	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	47.80%#

Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.04	85	38382	0.133	ppbv 94
3) Chlorodifluoromethane	2.95	51	538821	1.792	ppbv # 66
4) Chloromethane	3.13	50	96836	0.872	ppbv # 84
9) Propene	3.01	41	800940	7.552	ppbv # 62
10) Heptane	8.10	43	102655	0.415	ppbv 95
11) Trichlorofluoromethane	3.94	101	44913	0.194	ppbv 92
12) 1,1,2-Trichlorotrifluoroet	4.48	101	9521	0.056	ppbv 87
13) Ethanol	3.65	45	56662309	5461.796	ppbv 83
15) Acetone	3.83	43	8160671	49.273	ppbv 97
16) 1,3-Butadiene	3.30	39	49138	0.475	ppbv # 10
17) tert-Butyl alcohol	4.32	59	26673	0.190	ppbv # 72
19) Isopropyl Alcohol	4.01	45	16859176	187.085	ppbv # 93
20) Methylene Chloride	4.33	84	582810	7.371	ppbv 98
21) Allyl Chloride	4.33	41	15119	0.122	ppbv # 21
23) Vinyl Acetate	5.05	43	85358	0.372	ppbv # 1
25) Ethyl Acetate	5.66	43	1752422	4.369	ppbv # 95
26) Hexane	5.67	57	559353	2.935	ppbv # 59
29) Chloroform	5.74	83	1256414	4.516	ppbv 99
30) Cyclohexane	7.11	84	32810	0.201	ppbv # 76
31) cis-1,2-Dichloroethene	5.65	61	167363	0.968	ppbv # 23
34) 2-Butanone	5.23	43	478510	2.594	ppbv 93
35) Carbon Tetrachloride	7.00	117	14626	0.057	ppbv # 88
36) Benzene	6.87	78	290078	0.766	ppbv # 94
39) 1,2-Dichloropropane	7.16	63	1040768	7.178	ppbv # 27
41) Tetrahydrofuran	6.03	42	156235	1.801	ppbv # 54
44) 2,2,4-Trimethylpentane	7.85	57	355140	0.558	ppbv # 87
50) 4-Methyl-2-Pentanone	8.73	43	76780	0.328	ppbv # 38
51) 2-Hexanone	10.11	43	4943	0.048	ppbv # 29
52) Tetrachloroethene	11.20	164	9321	0.064	ppbv # 41
53) Toluene	9.79	91	1323177	3.144	ppbv 99
58) Ethyl Benzene	12.69	91	364864	0.713	ppbv 96
59) m/p-Xylene	12.98	91	261654	0.587	ppbv # 31
60) o-Xylene	13.66	91	472663	1.114	ppbv 97
61) Styrene	13.51	104	175455	0.838	ppbv 96
64) n-propylbenzene	15.81	120	6686	0.044	ppbv 78
66) Benzyl Chloride	16.96	91	1004	0.034	ppbv # 1
69) p-Isopropyltoluene	17.62	119	75434	0.127	ppbv # 28
71) 2-Chlorotoluene	15.54	91	38079	0.090	ppbv # 45
72) 4-Ethyltoluene	15.82	105	29199	0.060	ppbv # 38
73) 1,3,5-Trimethylbenzene	15.97	105	81299	0.179	ppbv 98
74) 1,2,4-Trimethylbenzene	16.74	105	295287	0.617	ppbv # 70

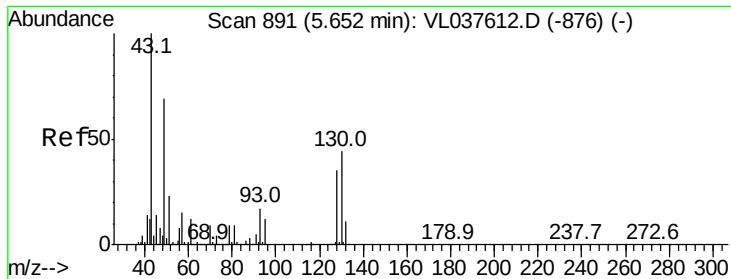
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL091621\
Data File : VL037629.D
Acq On : 17 Sep 2021 00:04
Operator : SY/AP
Sample : M3780-04
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Sep 17 05:29:30 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL091621AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Sep 16 13:42:46 2021
QLast Update : Thu Sep 16 13:42:46 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
76) 1,4-Dichlorobenzene	17.11	146	41782	0.143	ppbv	# 33
79) Naphthalene	22.18	128	57730	0.197	ppbv	98
80) Naphthalene,2-methyl-	25.27	142	10145	0.151	ppbv	94

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 890

Delta R.T. -0.00 min

Lab File: VL037629.D

Acq: 17 Sep 2021 00:04

Instrument :
MSVOA_L
ClientSampled :

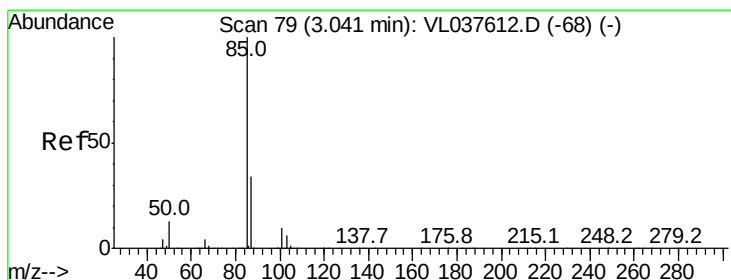
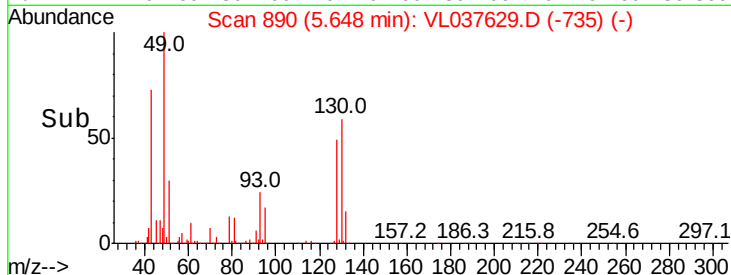
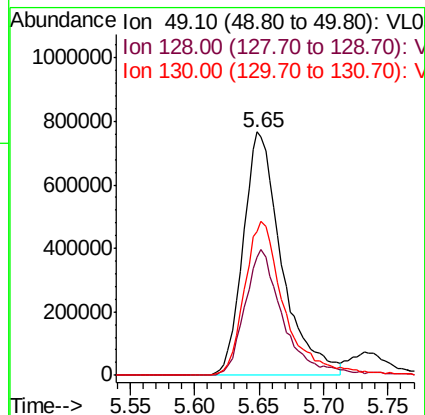
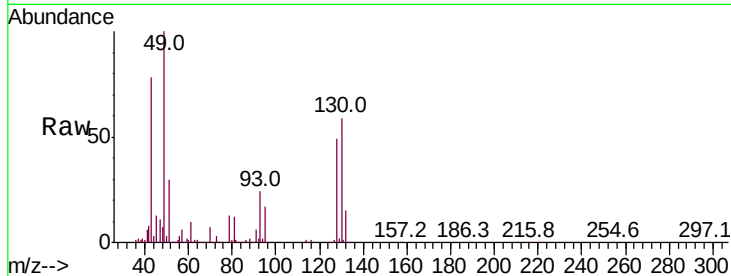
Tot Ion: 49 Resp: 1594067

Ion Ratio Lower Upper

49 100

128 52.3 27.9 83.6

130 66.3 33.9 101.7



#2

Dichlorodifluoromethane

Concen: 0.133 ppbv

RT: 3.04 min Scan# 78

Delta R.T. -0.00 min

Lab File: VL037629.D

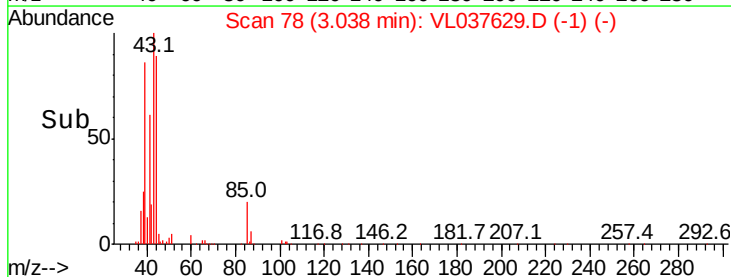
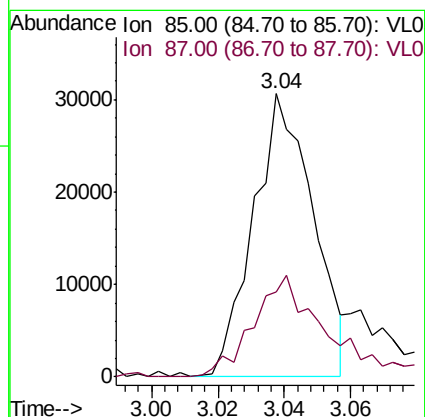
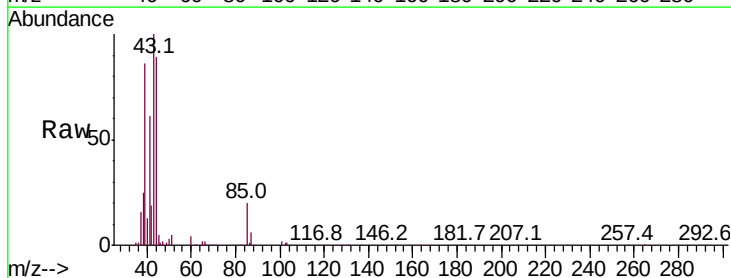
Acq: 17 Sep 2021 00:04

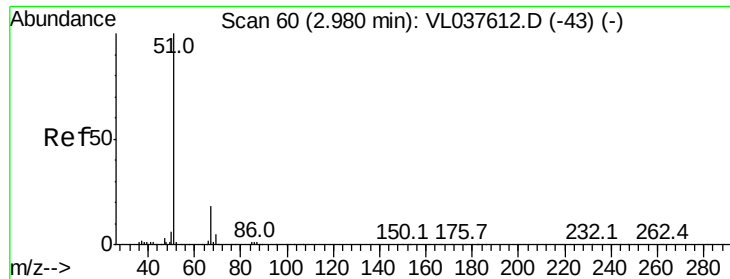
Tgt Ion: 85 Resp: 38382

Ion Ratio Lower Upper

85 100

87 30.0 26.8 40.2

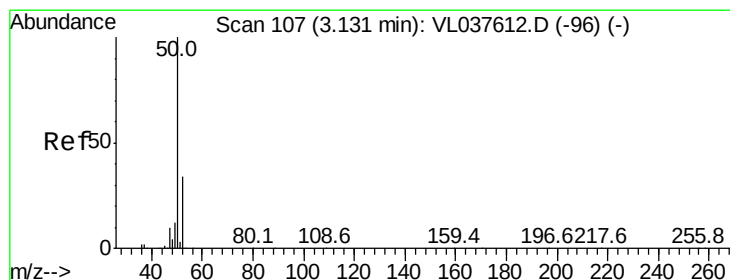
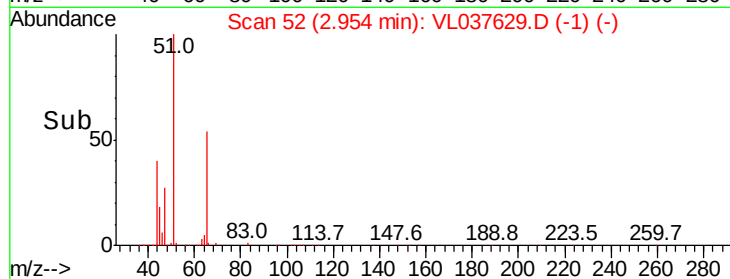
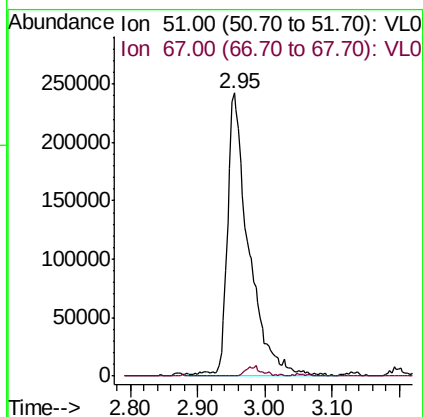
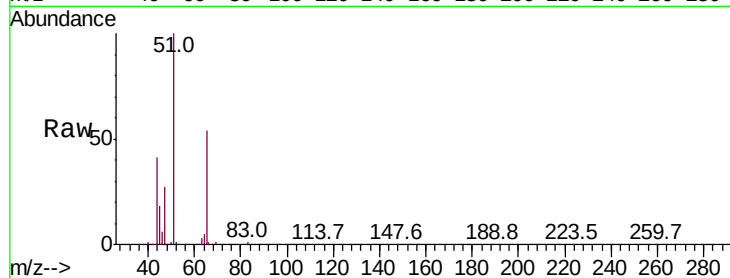




#3
Chlorodifluoromethane
Concen: 1.792 ppbv
RT: 2.95 min Scan# 52
Delta R.T. -0.03 min
Lab File: VL037629.D
Acq: 17 Sep 2021 00:04

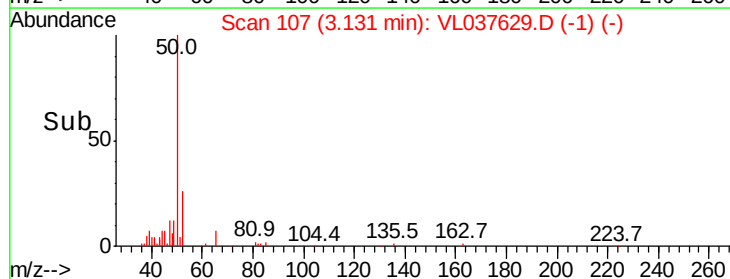
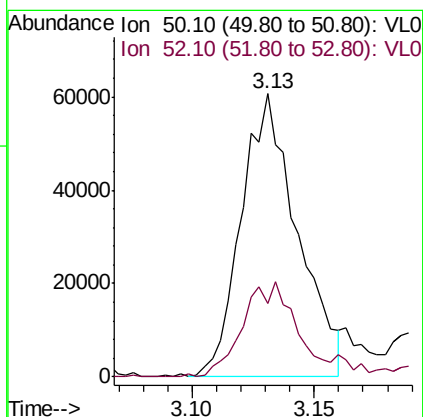
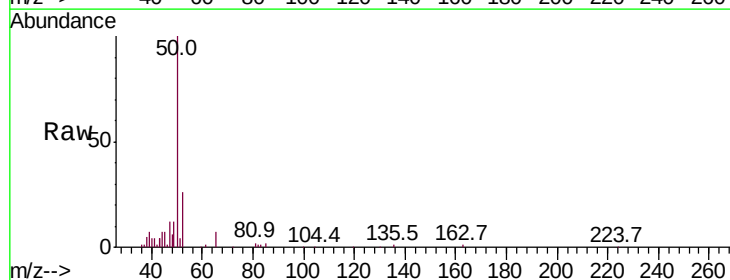
Instrument :
MSVOA_L
ClientSampled :

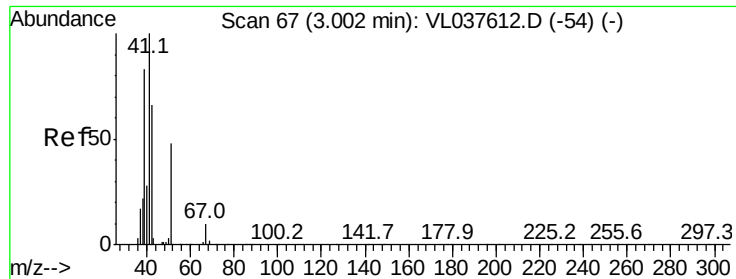
Tot Ion: 51 Resp: 538821
Ion Ratio Lower Upper
51 100
67 2.7 14.0 21.0#



#4
Chloromethane
Concen: 0.872 ppbv
RT: 3.13 min Scan# 107
Delta R.T. 0.00 min
Lab File: VL037629.D
Acq: 17 Sep 2021 00:04

Tgt Ion: 50 Resp: 96836
Ion Ratio Lower Upper
50 100
52 25.0 27.1 40.7#





#9

Propene

Concen: 7.552 ppbv

RT: 3.01 min Scan# 70

Delta R.T. 0.01 min

Lab File: VL037629.D

Acq: 17 Sep 2021 00:04

Instrument :

MSVOA_L

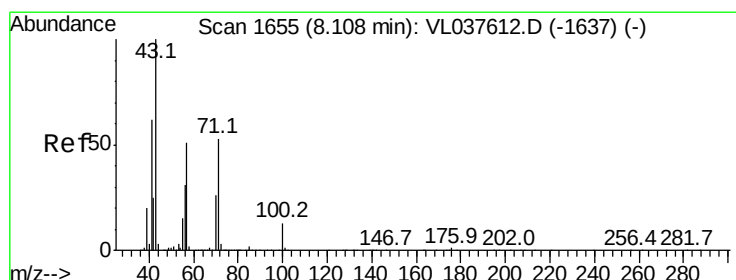
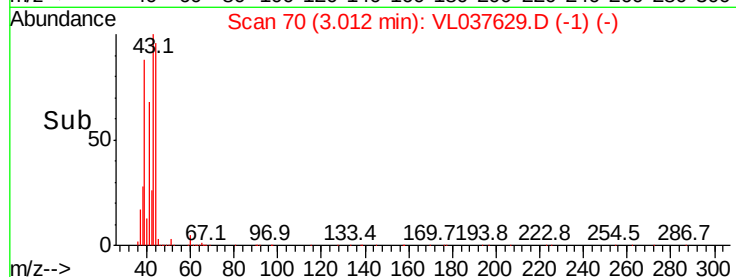
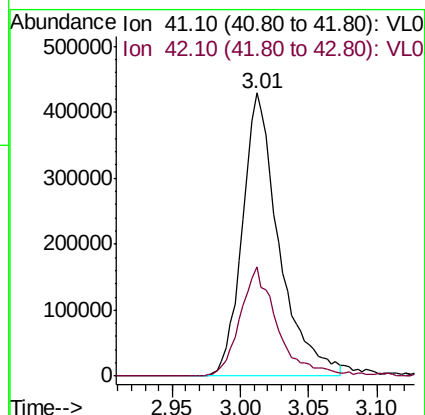
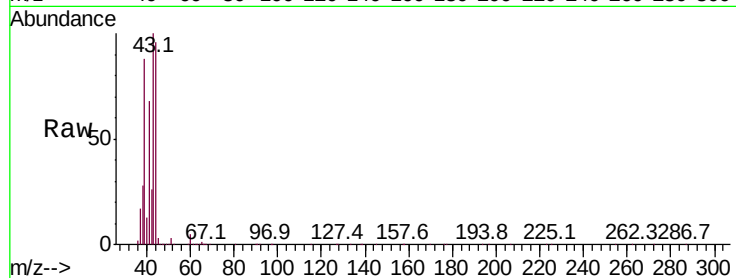
ClientSampleId :

Tot Ion: 41 Resp: 800940

Ion Ratio Lower Upper

41 100

42 40.3 57.2 85.8#



#10

Heptane

Concen: 0.415 ppbv

RT: 8.10 min Scan# 1653

Delta R.T. -0.01 min

Lab File: VL037629.D

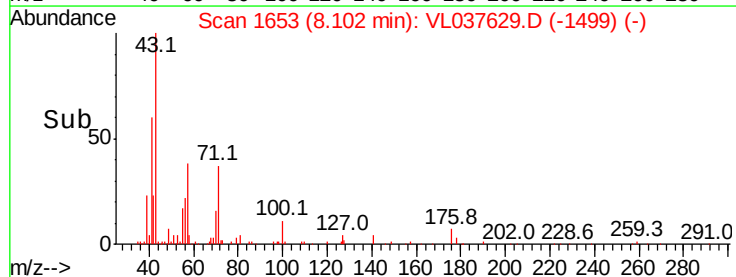
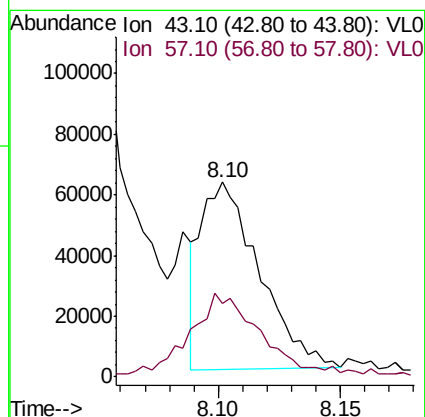
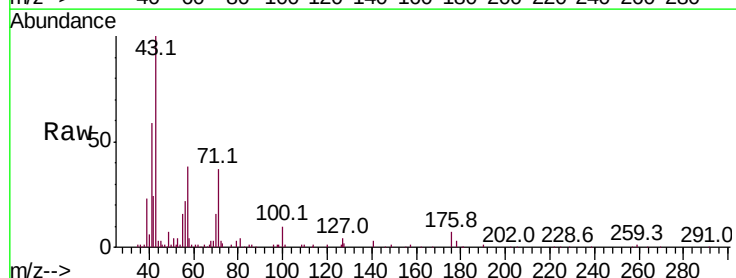
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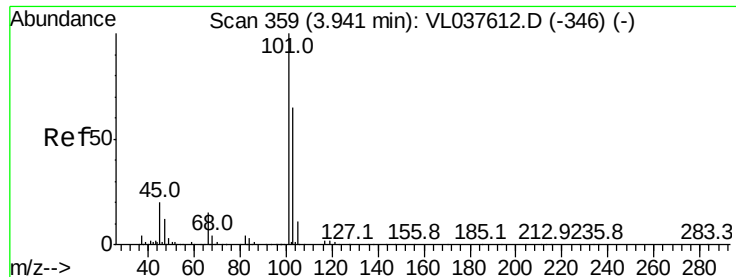
Tgt Ion: 43 Resp: 102655

Ion Ratio Lower Upper

43 100

57 53.6 40.1 60.1





#11

Trichlorofluoromethane

Concen: 0.194 ppbv

RT: 3.94 min Scan# 358

Delta R.T. -0.00 min

Lab File: VL037629.D

Acq: 17 Sep 2021 00:04

Instrument :

MSVOA_L

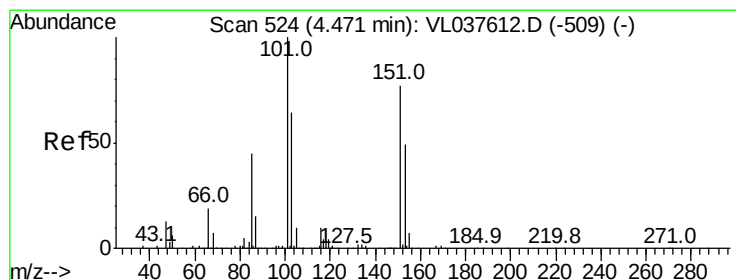
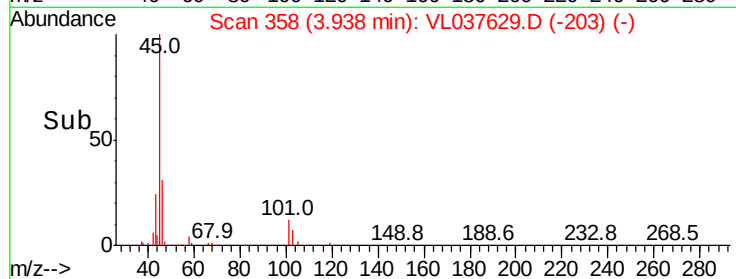
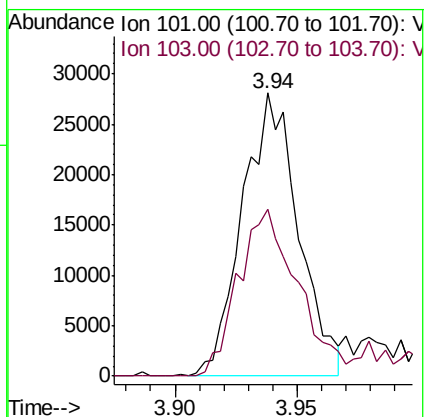
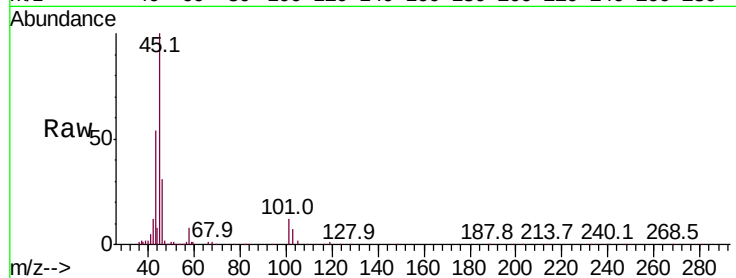
ClientSampleId :

Tot Ion:101 Resp: 44913

Ion Ratio Lower Upper

101 100

103 58.8 51.9 77.9



#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.056 ppbv

RT: 4.48 min Scan# 526

Delta R.T. 0.01 min

Lab File: VL037629.D

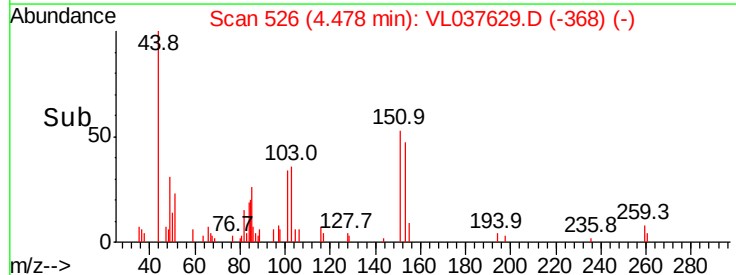
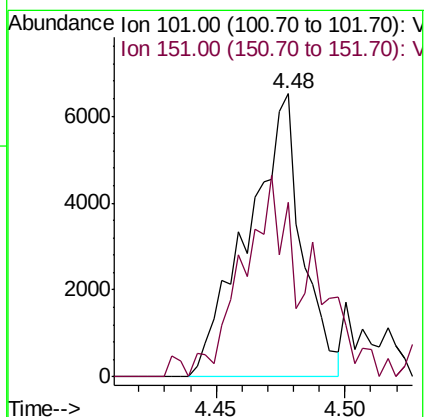
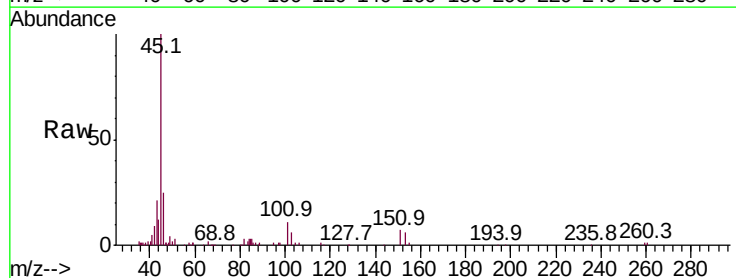
Acq: 17 Sep 2021 00:04

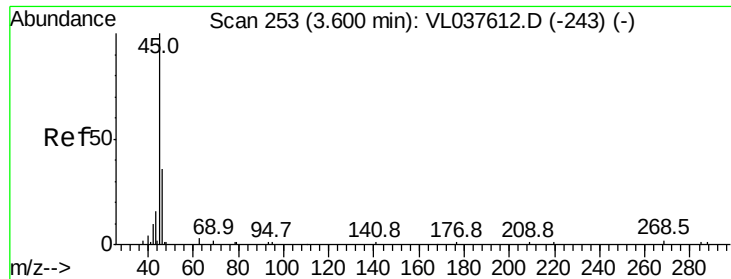
Tgt Ion:101 Resp: 9521

Ion Ratio Lower Upper

101 100

151 90.4 63.5 95.3

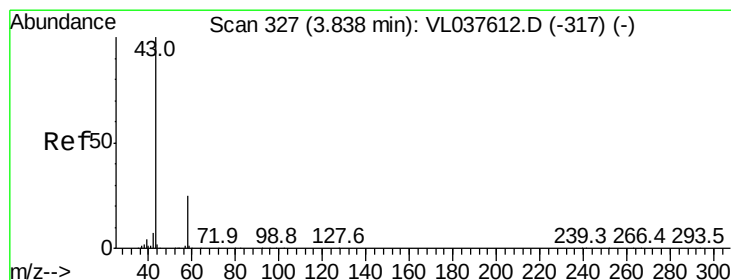
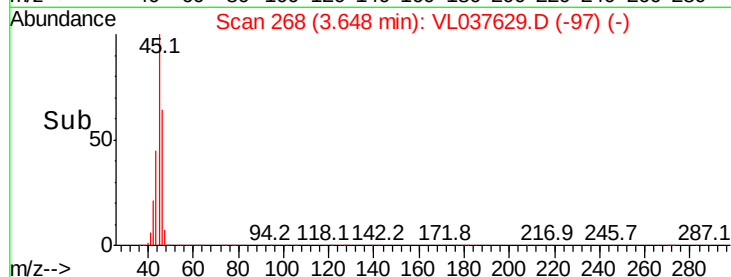
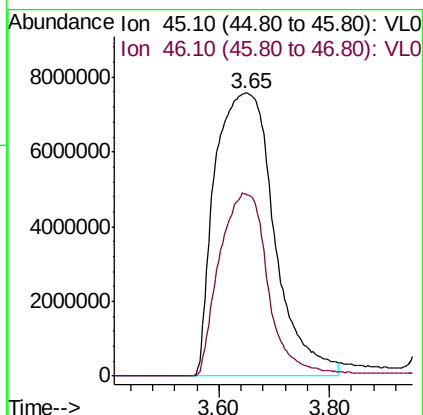
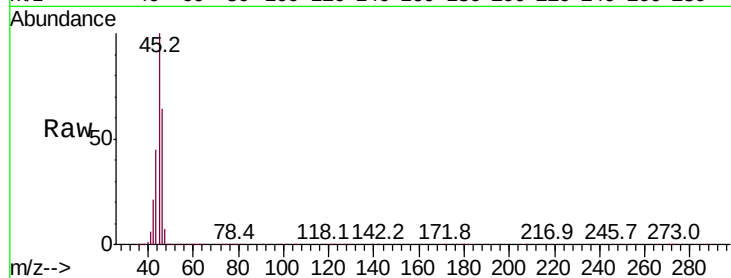




#13
Ethanol
Concen: 5461.796 ppbv
RT: 3.65 min Scan# 268
Delta R.T. 0.05 min
Lab File: VL037629.D
Acq: 17 Sep 2021 00:04

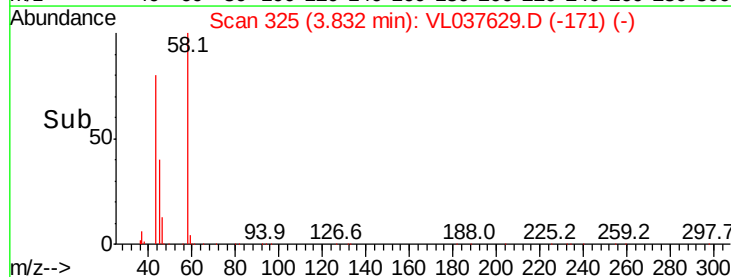
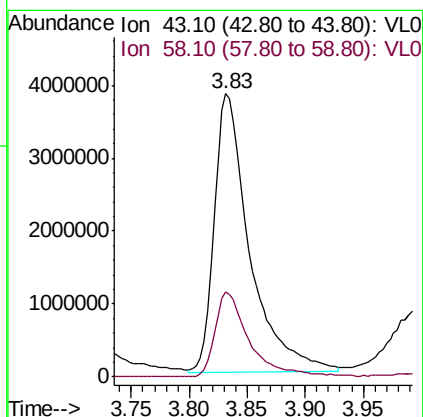
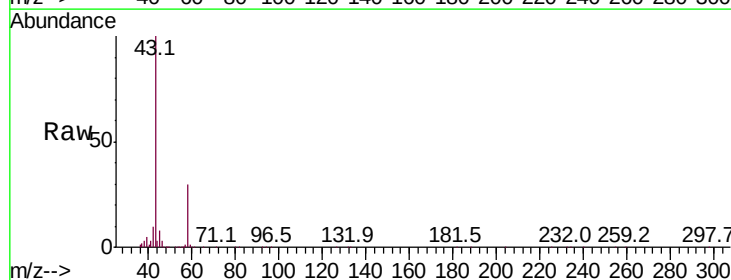
Instrument :
MSVOA_L
ClientSampleId :

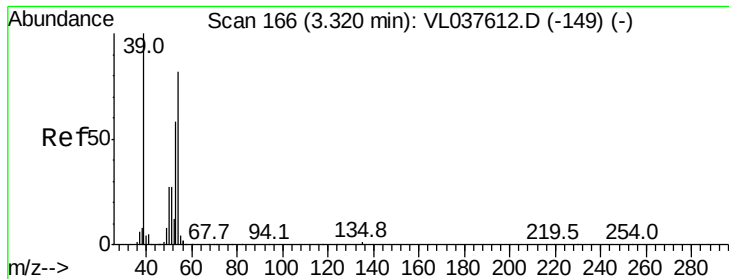
Tot Ion: 45 Resp: 56662309
Ion Ratio Lower Upper
45 100
46 53.8 17.2 68.8



#15
Acetone
Concen: 49.273 ppbv
RT: 3.83 min Scan# 325
Delta R.T. -0.01 min
Lab File: VL037629.D
Acq: 17 Sep 2021 00:04

Tgt Ion: 43 Resp: 8160671
Ion Ratio Lower Upper
43 100
58 29.6 24.9 37.3

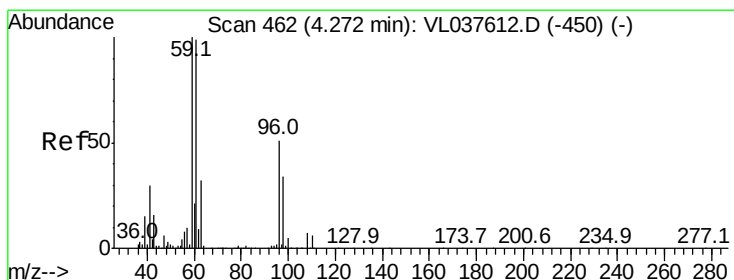
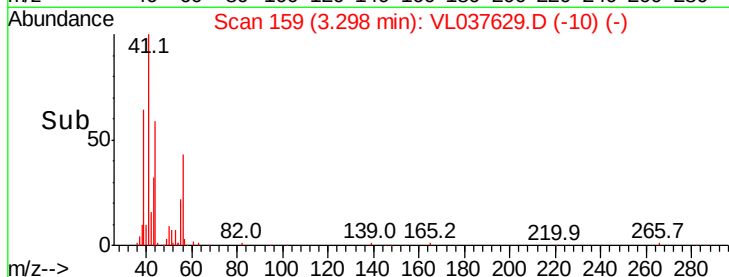
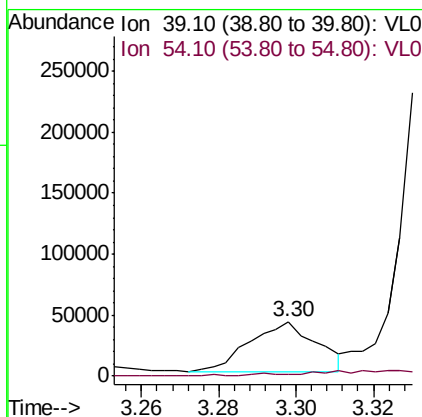
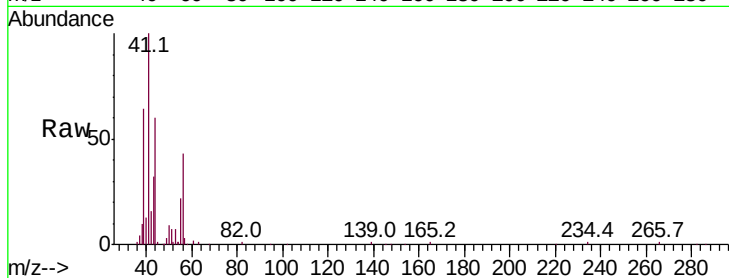




#16
 1,3-Butadiene
 Concen: 0.475 ppbv
 RT: 3.30 min Scan# 159
 Delta R.T. -0.02 min
 Lab File: VL037629.D
 Acq: 17 Sep 2021 00:04

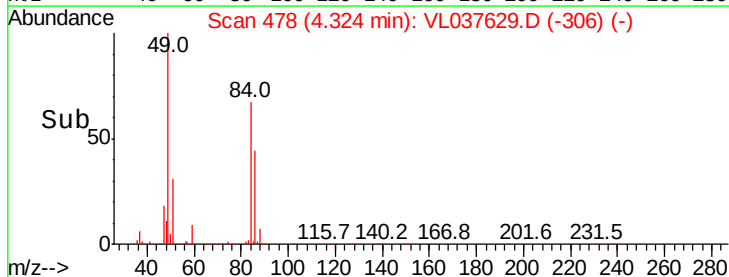
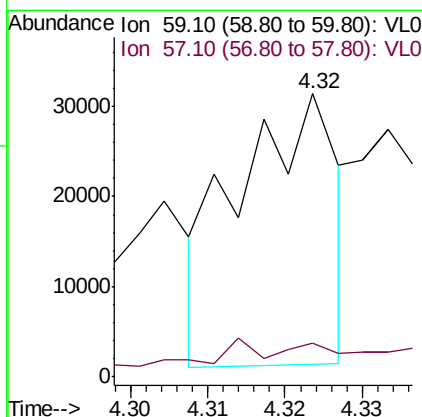
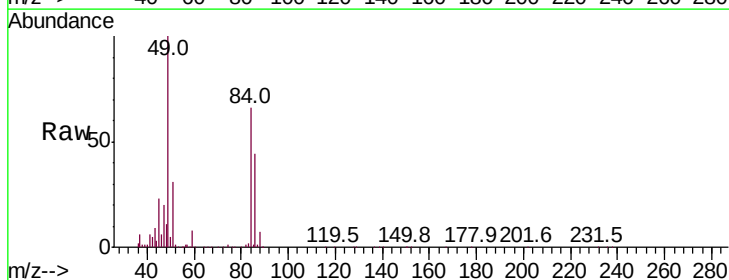
Instrument :
 MSVOA_L
 ClientSampleId :

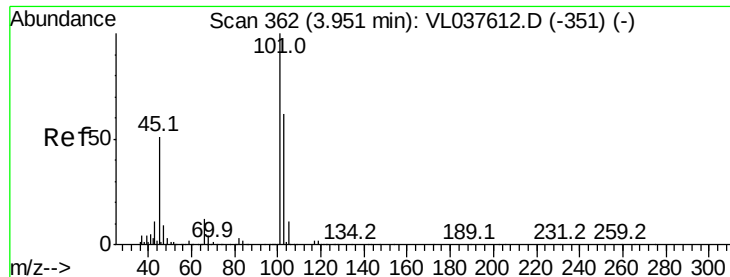
Tot Ion: 39 Resp: 49138
 Ion Ratio Lower Upper
 39 100
 54 0.0 62.6 93.8#



#17
 tert-Butyl alcohol
 Concen: 0.190 ppbv
 RT: 4.32 min Scan# 478
 Delta R.T. 0.05 min
 Lab File: VL037629.D
 Acq: 17 Sep 2021 00:04

Tgt Ion: 59 Resp: 26673
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.4 12.6#





#19

Isopropyl Alcohol

Concen: 187.085 ppbv

RT: 4.01 min Scan# 381

Delta R.T. 0.06 min

Lab File: VL037629.D

Acq: 17 Sep 2021 00:04

Instrument :

MSVOA_L

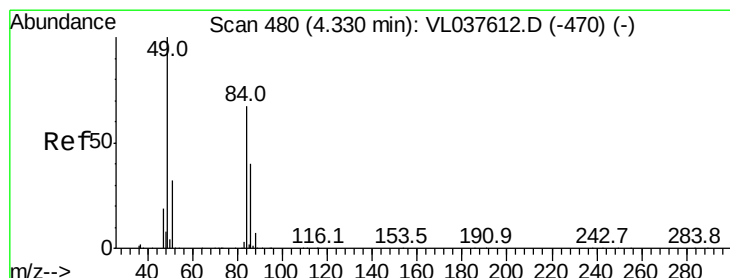
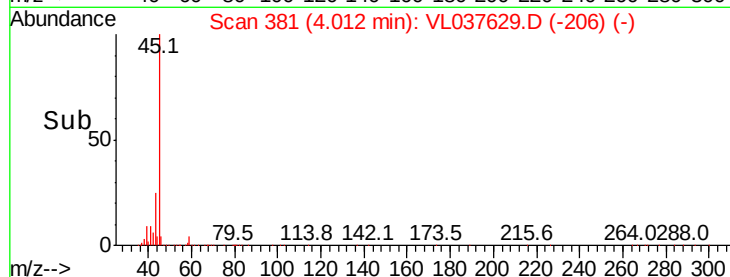
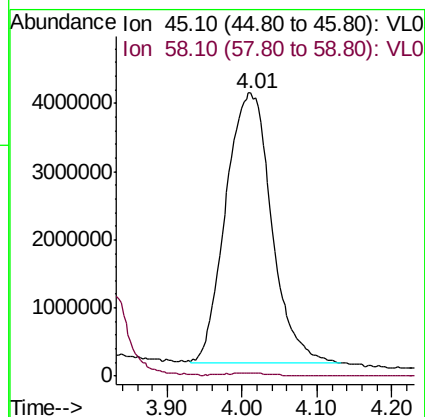
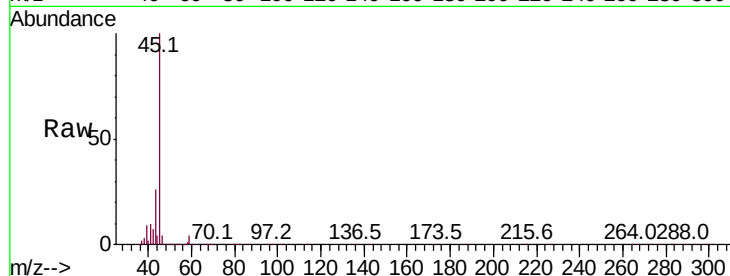
ClientSampleId :

Tot Ion: 45 Resp:16859176

Ion Ratio Lower Upper

45 100

58 1.2 2.9 4.3#



#20

Methylene Chloride

Concen: 7.371 ppbv

RT: 4.33 min Scan# 480

Delta R.T. 0.00 min

Lab File: VL037629.D

Acq: 17 Sep 2021 00:04

Tgt Ion: 84 Resp: 582810

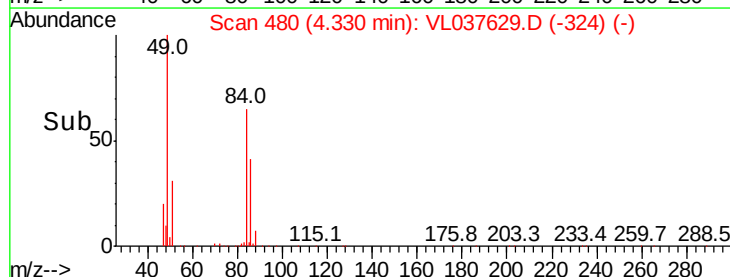
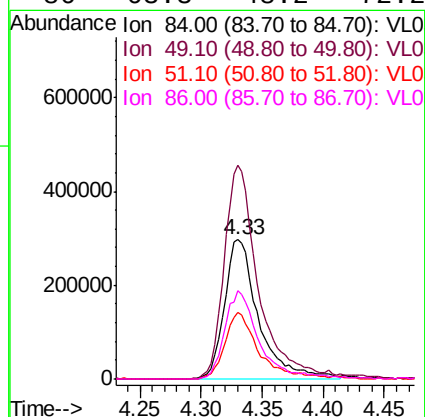
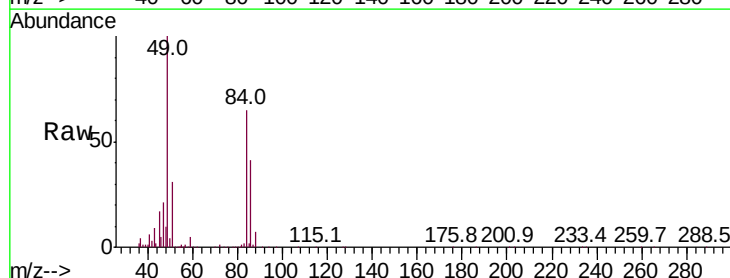
Ion Ratio Lower Upper

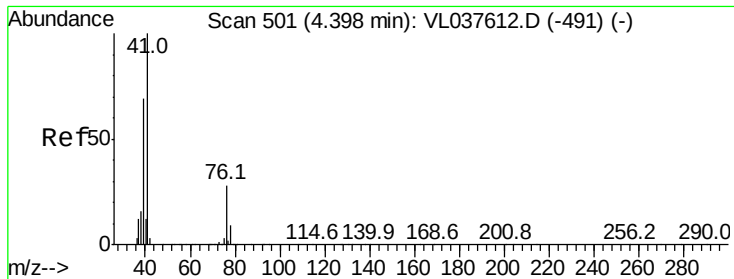
84 100

49 153.1 120.0 180.0

51 47.4 38.0 57.0

86 63.3 48.2 72.2





#21

Allvl Chloride

Concen: 0.122 ppbv

RT: 4.33 min Scan# 481

Delta R.T. -0.06 min

Lab File: VL037629.D

Acq: 17 Sep 2021 00:04

Instrument :

MSVOA_L

ClientSampleId :

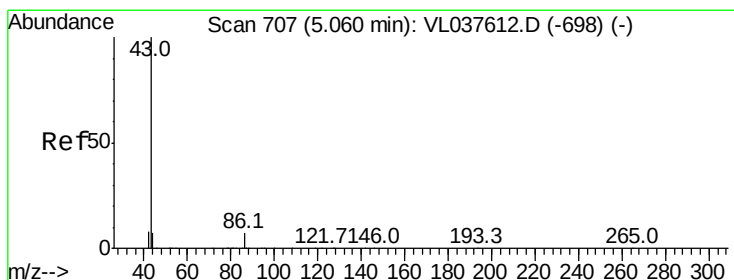
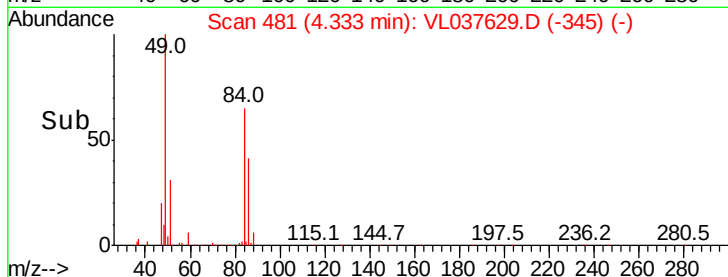
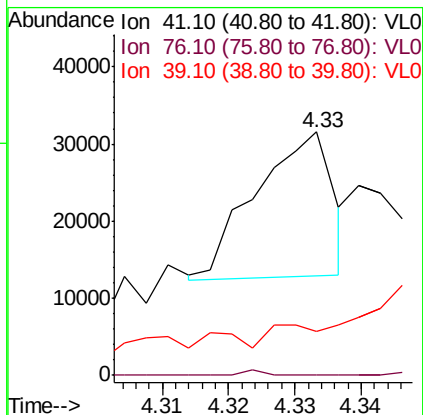
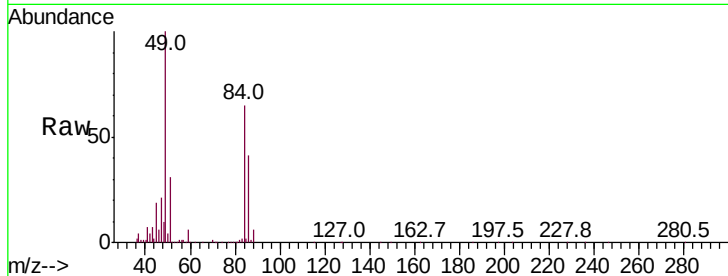
Tot Ion: 41 Resp: 15119

Ion Ratio Lower Upper

41 100

76 0.0 23.1 34.7#

39 0.0 61.0 91.6#



#23

Vinyl Acetate

Concen: 0.372 ppbv

RT: 5.05 min Scan# 703

Delta R.T. -0.01 min

Lab File: VL037629.D

Acq: 17 Sep 2021 00:04

Tgt Ion: 43 Resp: 85358

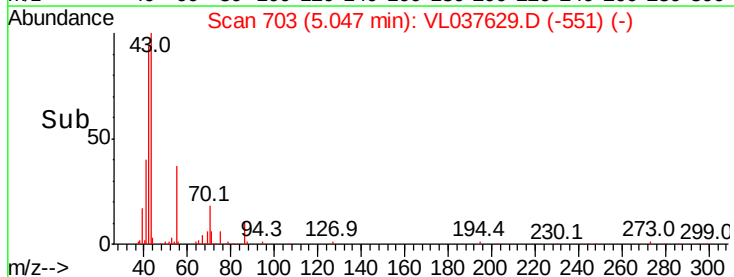
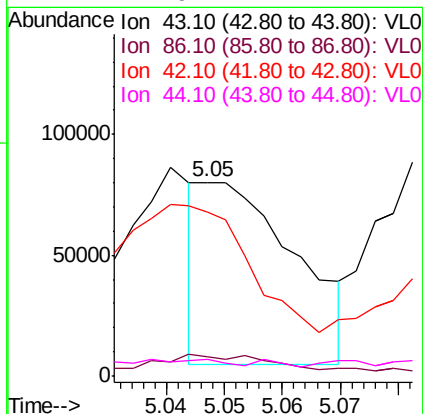
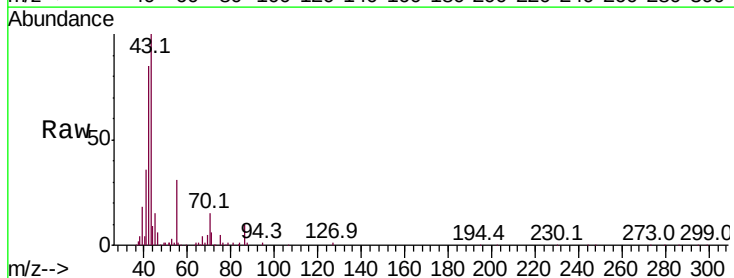
Ion Ratio Lower Upper

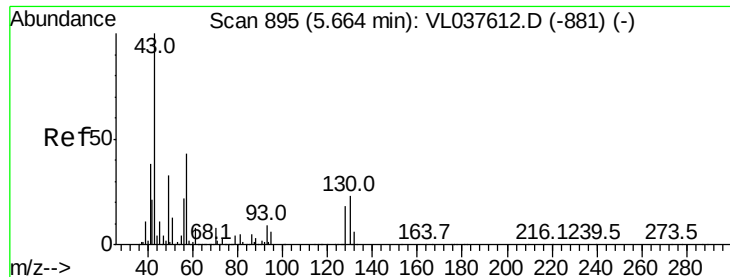
43 100

86 11.2 5.0 7.6#

42 108.8 7.5 11.3#

44 1.9 4.7 7.1#



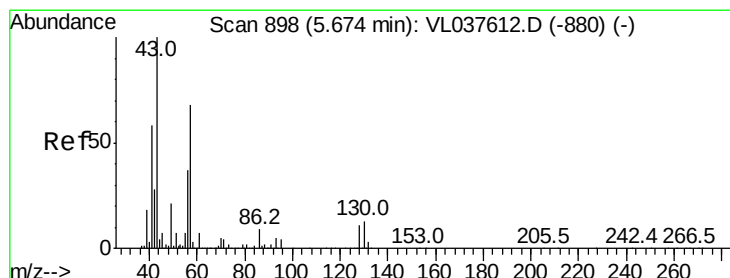
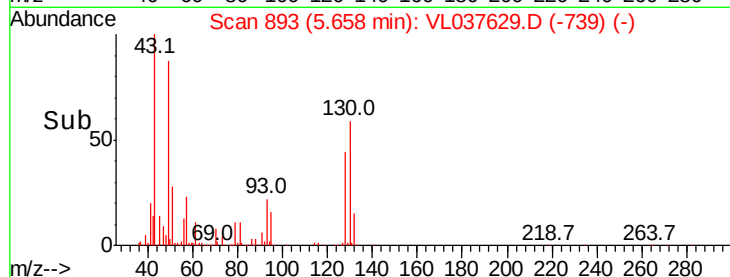
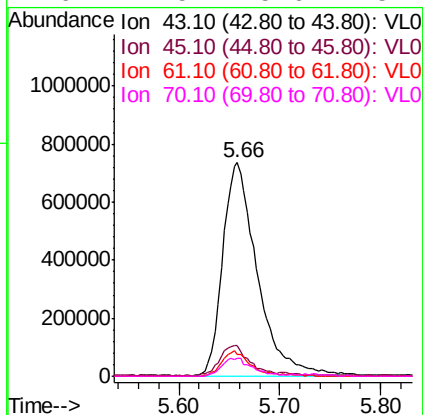
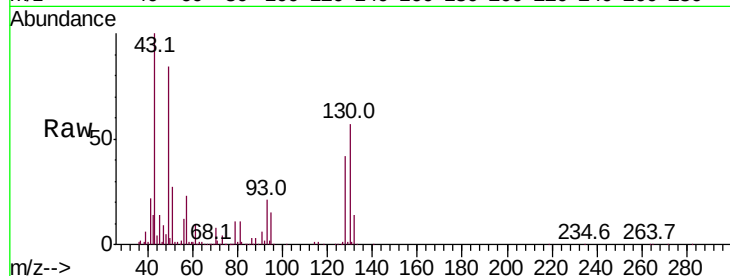


#25
Ethyl Acetate
Concen: 4.369 ppbv
RT: 5.66 min Scan# 893
Delta R.T. -0.01 min
Lab File: VL037629.D
Acq: 17 Sep 2021 00:04

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 43 Resp: 1752422

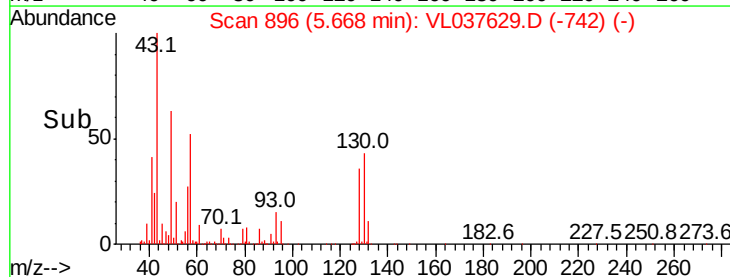
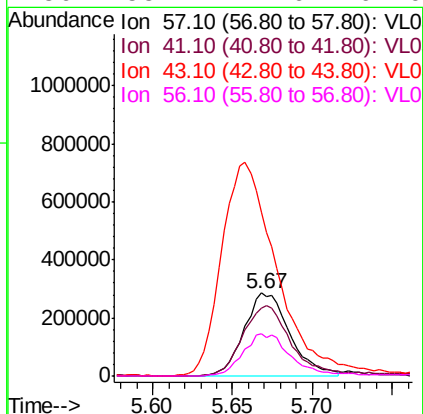
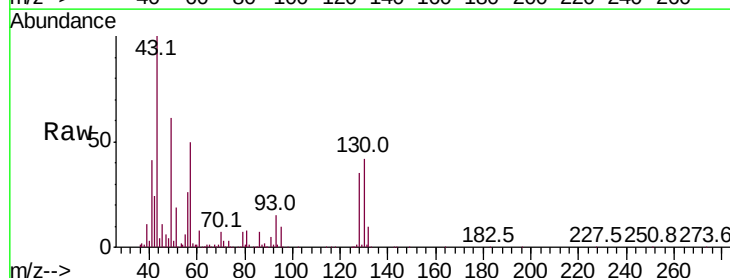
Ion	Ratio	Lower	Upper
43	100		
45	13.2	8.0	12.0#
61	10.5	7.5	11.3
70	7.5	5.6	8.4

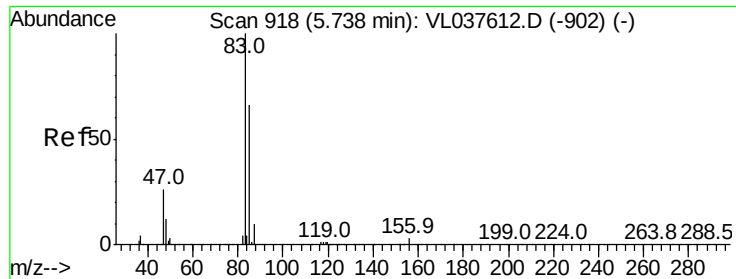


#26
Hexane
Concen: 2.935 ppbv
RT: 5.67 min Scan# 896
Delta R.T. -0.01 min
Lab File: VL037629.D
Acq: 17 Sep 2021 00:04

Tgt Ion: 57 Resp: 559353

Ion	Ratio	Lower	Upper
57	100		
41	94.3	70.9	106.3
43	315.3	170.4	255.6#
56	55.1	42.6	64.0

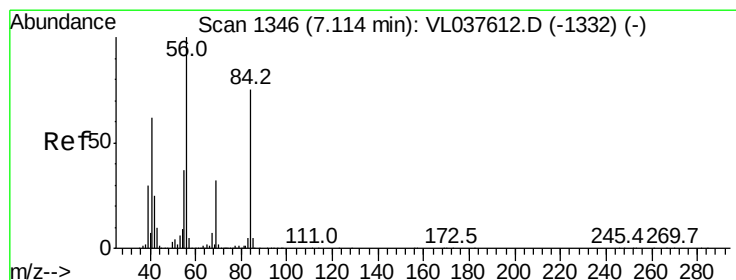
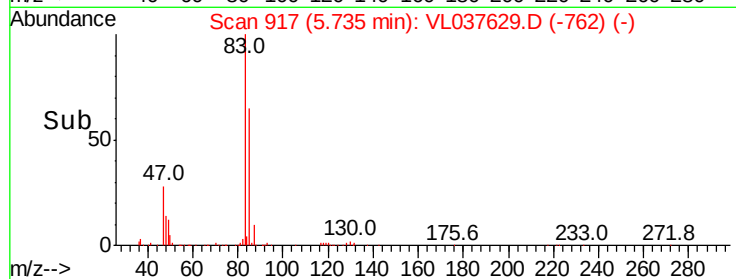
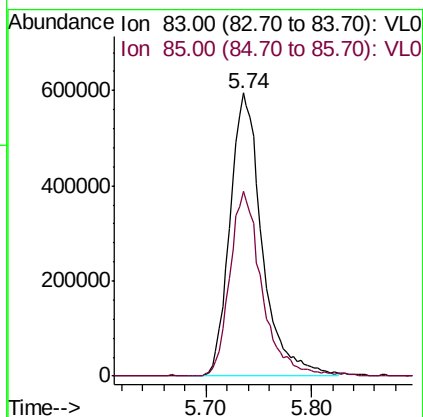
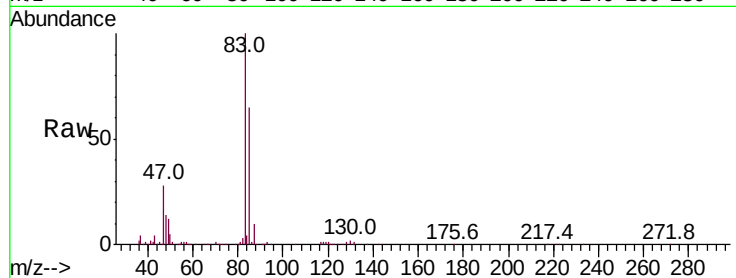




#29
Chloroform
Concen: 4.516 ppbv
RT: 5.74 min Scan# 917
Delta R.T. -0.00 min
Lab File: VL037629.D
Acq: 17 Sep 2021 00:04

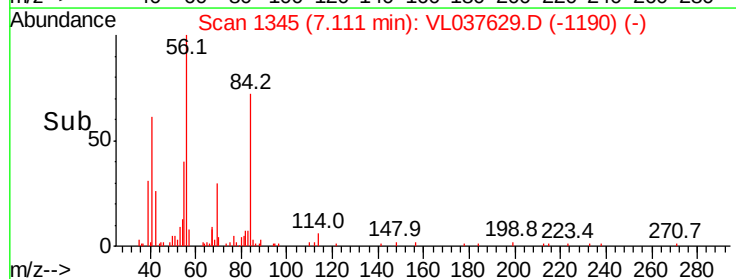
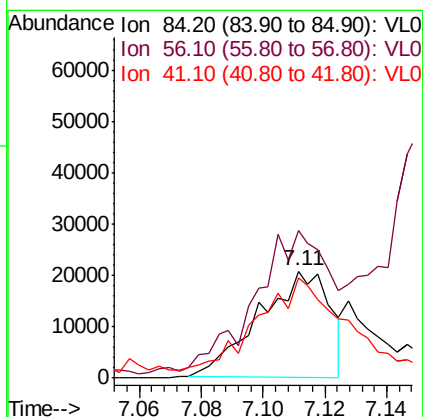
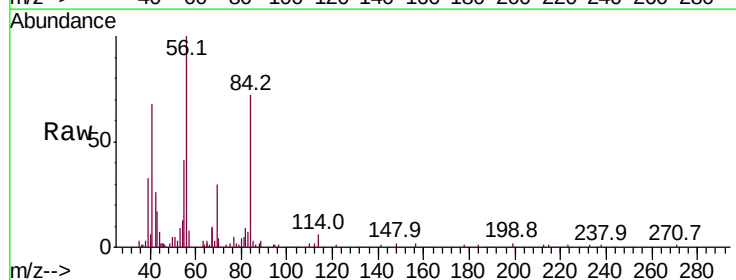
Instrument :
MSVOA_L
ClientSampleId :

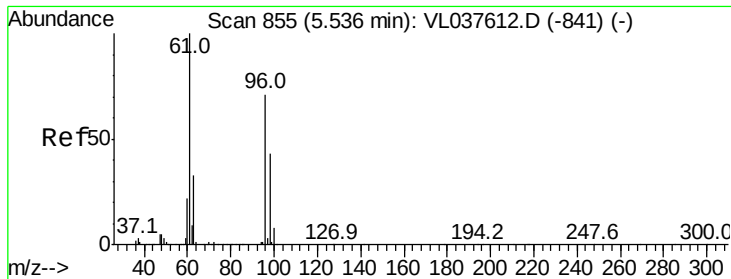
Tot Ion: 83 Resp: 1256414
Ion Ratio Lower Upper
83 100
85 65.4 52.6 79.0



#30
Cyclohexane
Concen: 0.201 ppbv
RT: 7.11 min Scan# 1345
Delta R.T. -0.00 min
Lab File: VL037629.D
Acq: 17 Sep 2021 00:04

Tgt Ion: 84 Resp: 32810
Ion Ratio Lower Upper
84 100
56 162.8 113.6 170.4
41 117.7 67.9 101.9#



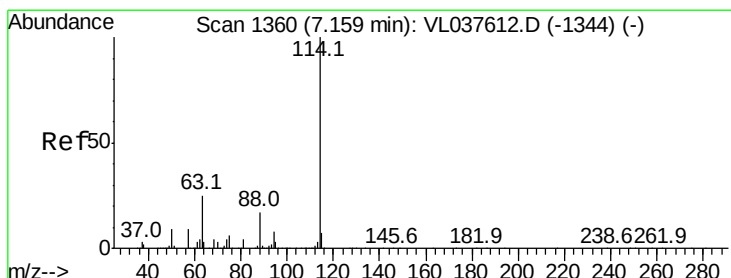
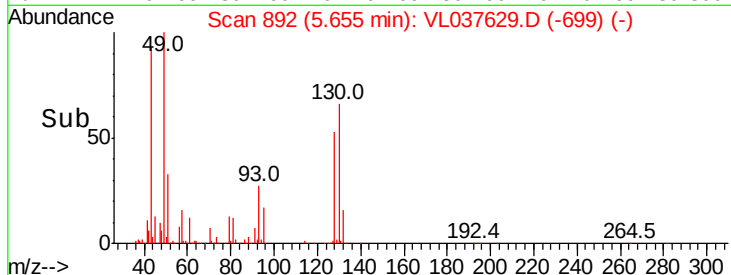
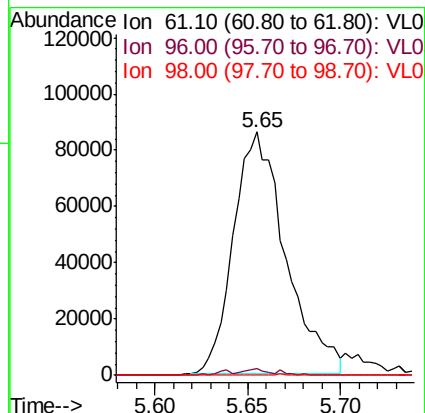
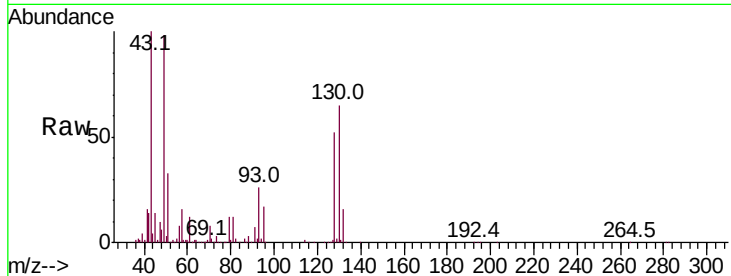


#31

cis-1,2-Dichloroethene
 Concen: 0.968 ppbv
 RT: 5.65 min Scan# 892
 Delta R.T. 0.12 min
 Lab File: VL037629.D
 Acq: 17 Sep 2021 00:04

Instrument :
 MSVOA_L
 ClientSampleId :

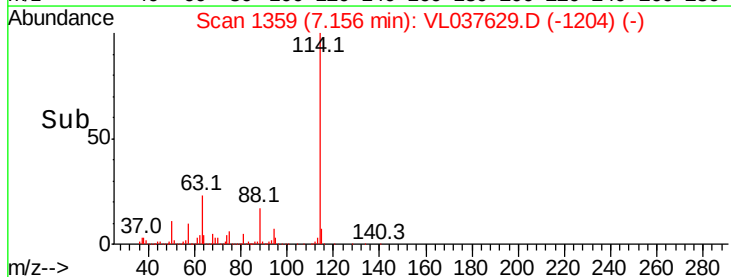
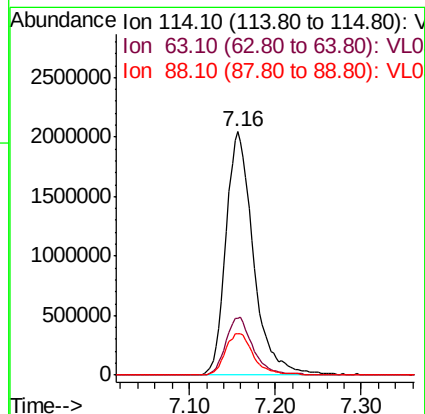
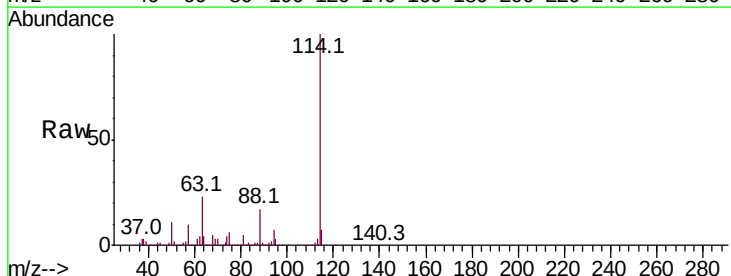
Tot Ion	Ratio	Lower	Upper
61	100		
96	2.7	56.7	85.1#
98	0.0	34.6	52.0#

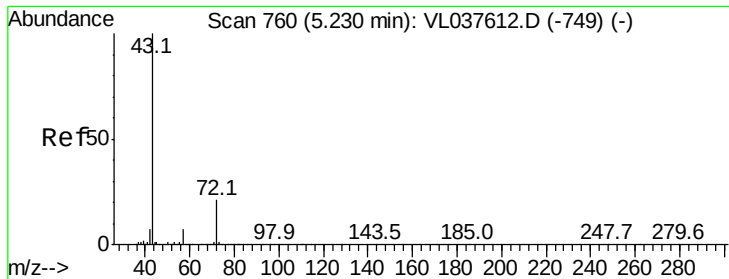


#33

1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.16 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VL037629.D
 Acq: 17 Sep 2021 00:04

Tgt Ion	Ratio	Lower	Upper
114	100		
63	23.7	19.6	29.4
88	17.7	14.2	21.4





#34

2-Butanone

Concen: 2.594 ppbv

RT: 5.23 min Scan# 759

Delta R.T. -0.00 min

Lab File: VL037629.D

Acq: 17 Sep 2021 00:04

Instrument :

MSVOA_L

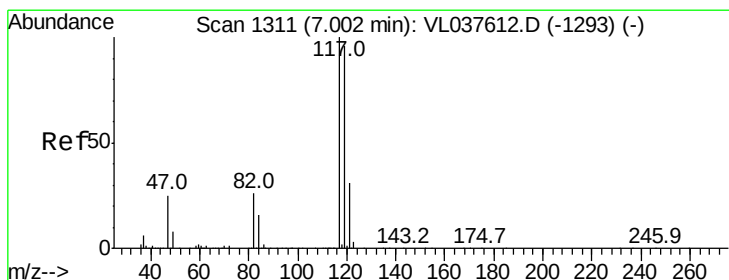
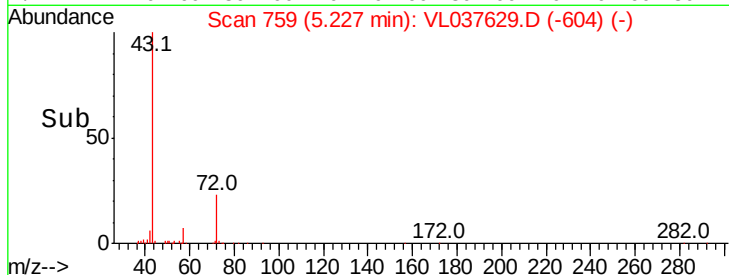
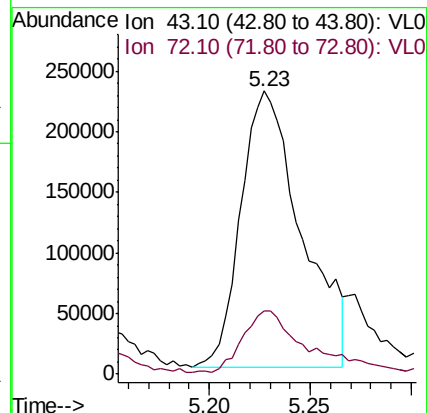
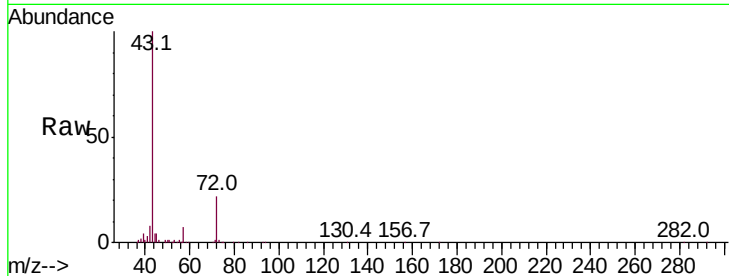
ClientSampleId :

Tot Ion: 43 Resp: 478510

Ion Ratio Lower Upper

43 100

72 26.5 18.4 27.6



#35

Carbon Tetrachloride

Concen: 0.057 ppbv

RT: 7.00 min Scan# 1311

Delta R.T. 0.00 min

Lab File: VL037629.D

Acq: 17 Sep 2021 00:04

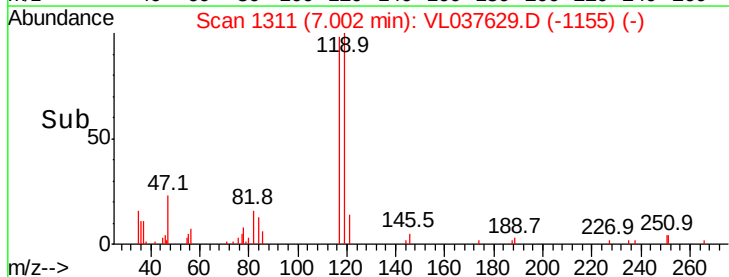
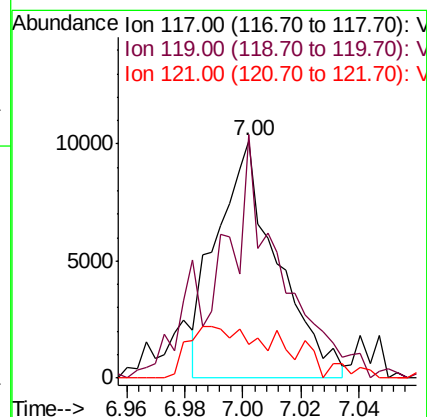
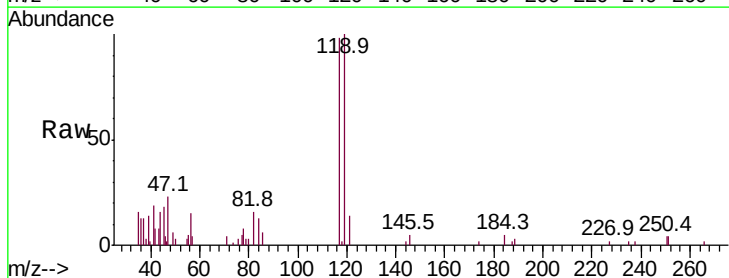
Tgt Ion: 117 Resp: 14626

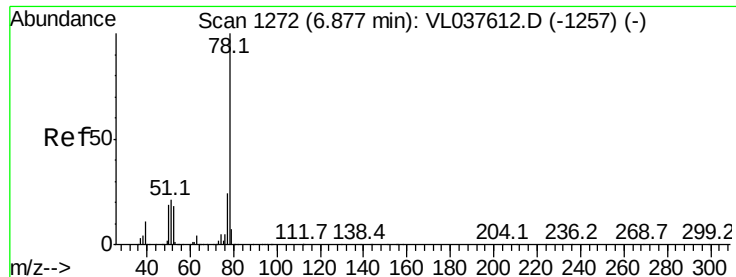
Ion Ratio Lower Upper

117 100

119 99.0 77.0 115.6

121 8.2 24.5 36.7#





#36

Benzene

Concen: 0.766 ppbv

RT: 6.87 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VL037629.D

Acq: 17 Sep 2021 00:04

Instrument :

MSVOA_L

ClientSampleId :

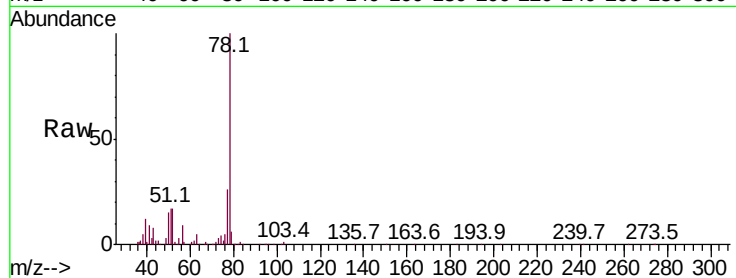
Tot Ion: 78 Resp: 290078

Ion Ratio Lower Upper

78 100

77 25.2 19.0 28.4

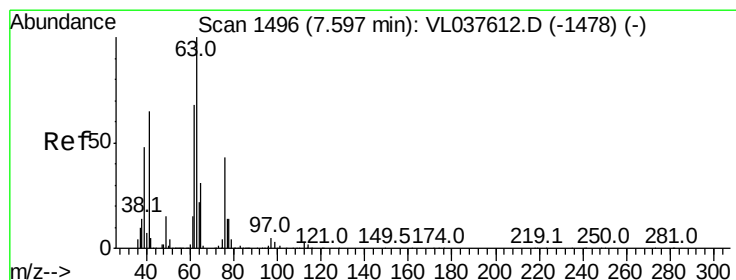
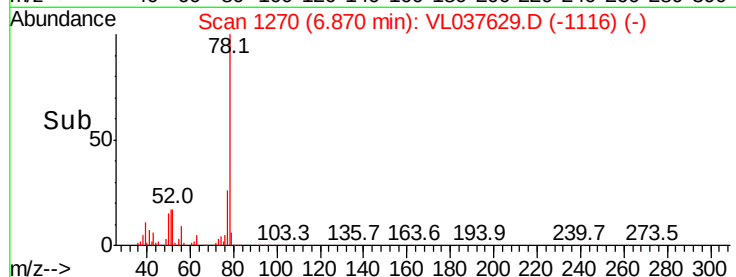
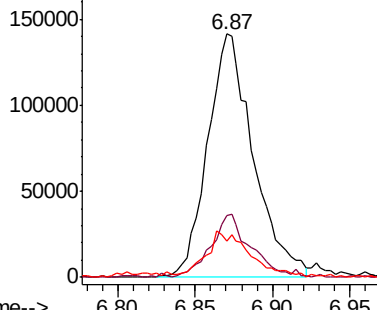
50 14.5 14.8 22.2#



Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0



#39

1,2-Dichloropropane

Concen: 7.178 ppbv

RT: 7.16 min Scan# 1360

Delta R.T. -0.44 min

Lab File: VL037629.D

Acq: 17 Sep 2021 00:04

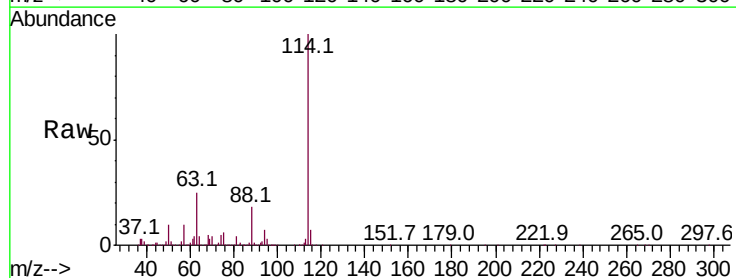
Tgt Ion: 63 Resp: 1040768

Ion Ratio Lower Upper

63 100

41 0.0 51.6 77.4#

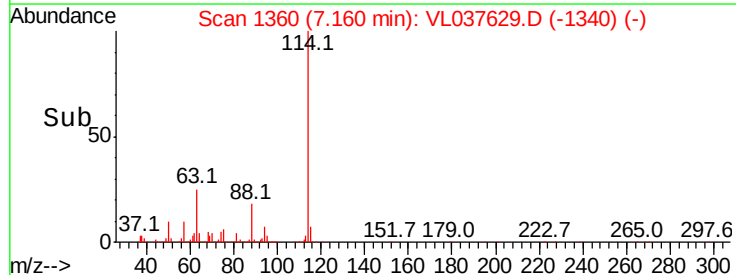
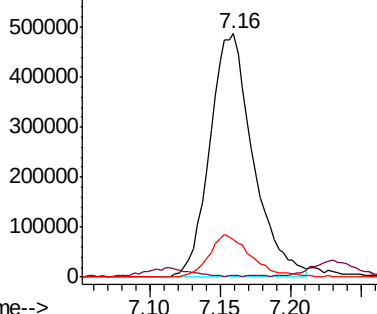
62 15.6 54.6 81.8#

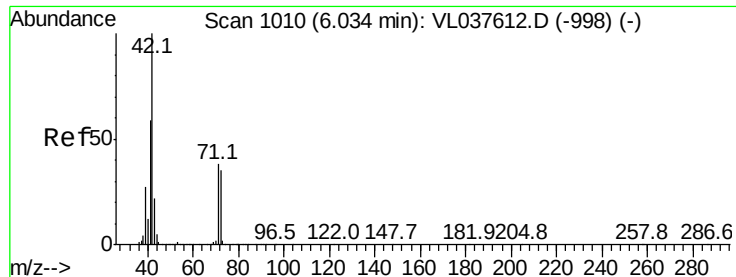


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0





#41

Tetrahydrofuran

Concen: 1.801 ppbv

RT: 6.03 min Scan# 1009

Delta R.T. -0.00 min

Lab File: VL037629.D

Acq: 17 Sep 2021 00:04

Instrument :

MSVOA_L

ClientSampleId :

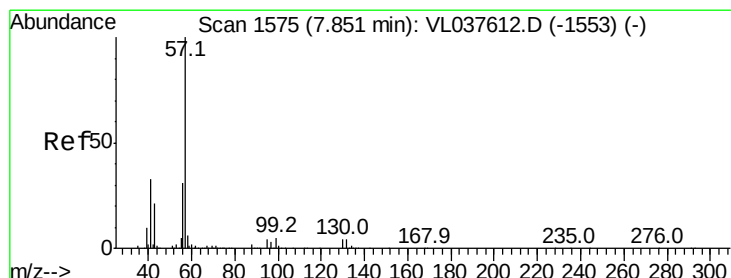
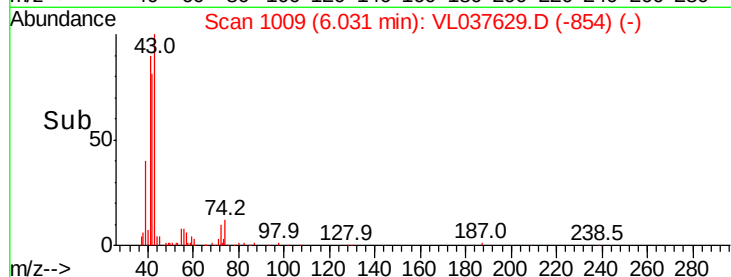
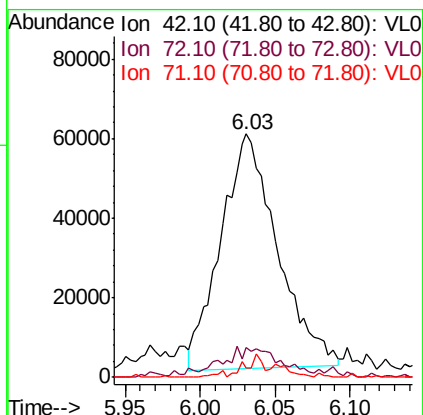
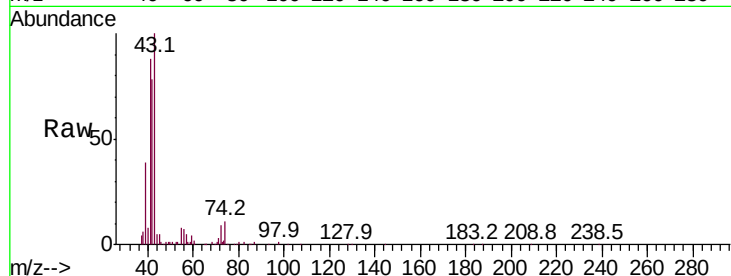
Tot Ion: 42 Resp: 156235

Ion Ratio Lower Upper

42 100

72 15.6 31.4 47.2#

71 5.6 30.6 46.0#



#44

2,2,4-Trimethylpentane

Concen: 0.558 ppbv

RT: 7.85 min Scan# 1575

Delta R.T. 0.00 min

Lab File: VL037629.D

Acq: 17 Sep 2021 00:04

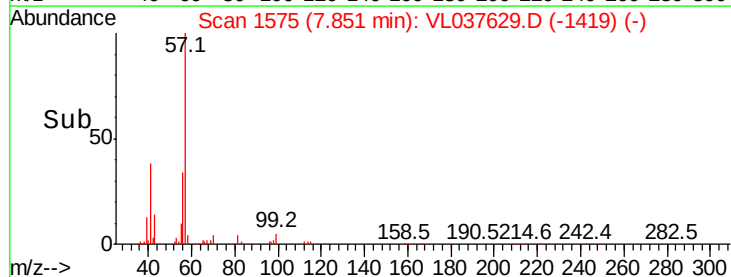
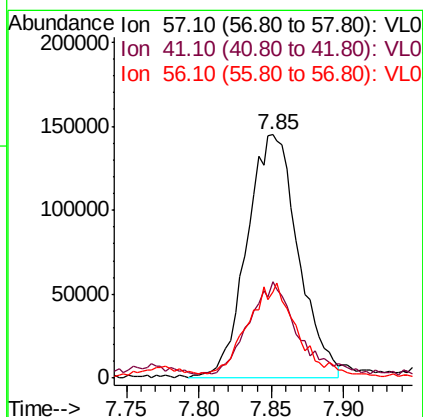
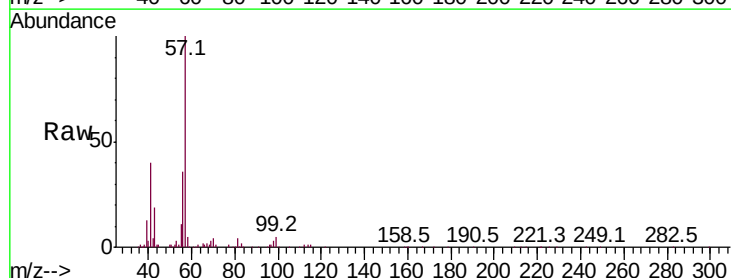
Tgt Ion: 57 Resp: 355140

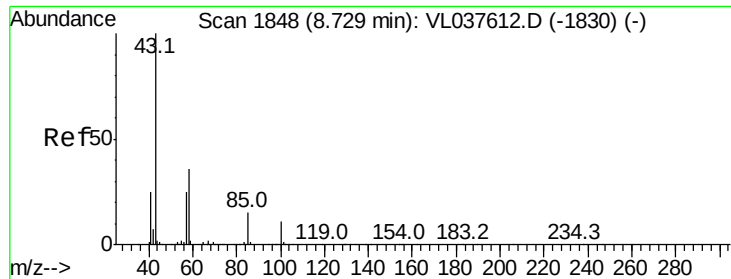
Ion Ratio Lower Upper

57 100

41 40.0 26.1 39.1#

56 39.3 25.7 38.5#

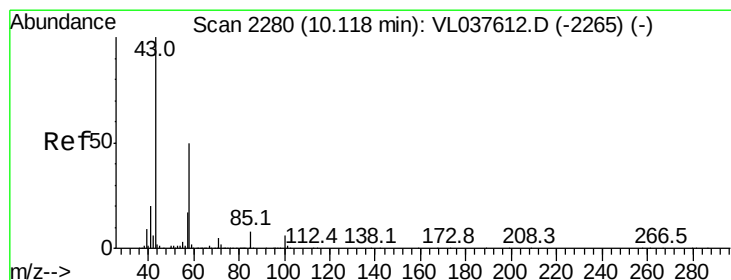
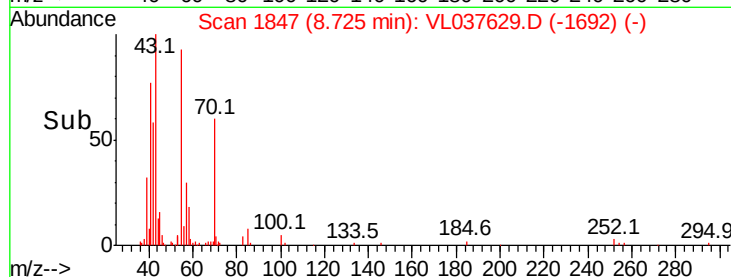
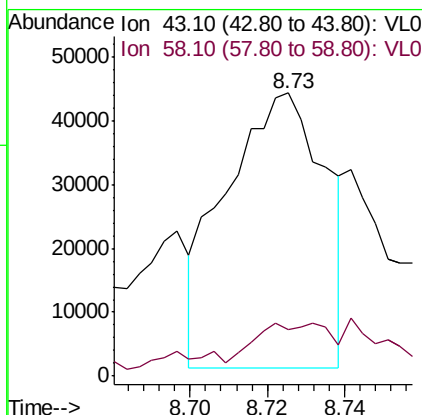
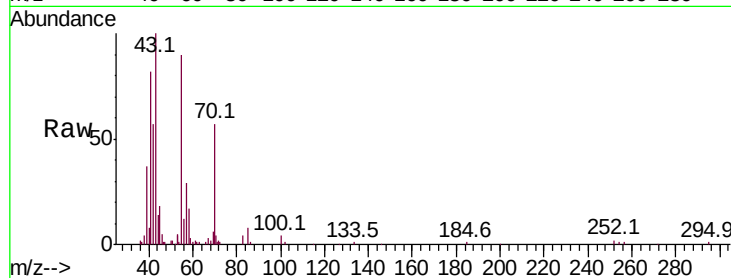




#50
 4-Methyl-2-Pentanone
 Concen: 0.328 ppbv
 RT: 8.73 min Scan# 1847
 Delta R.T. -0.00 min
 Lab File: VL037629.D
 Acq: 17 Sep 2021 00:04

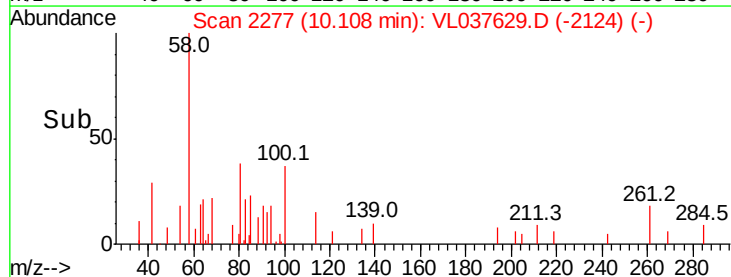
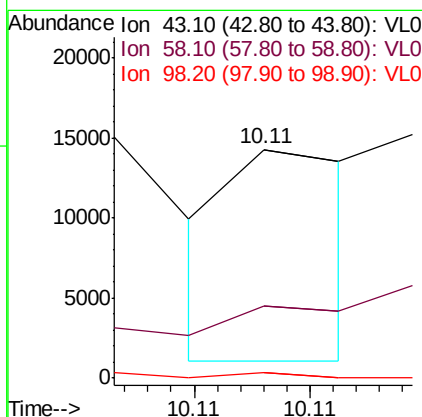
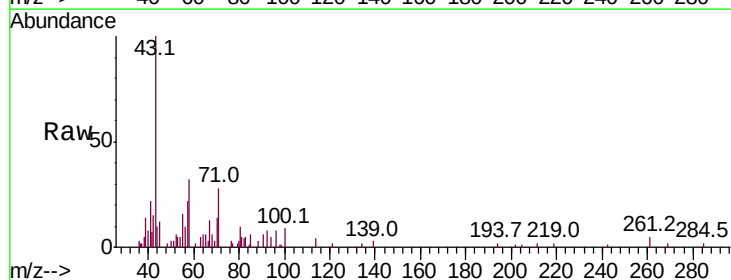
Instrument :
 MSVOA_L
 ClientSampleId :

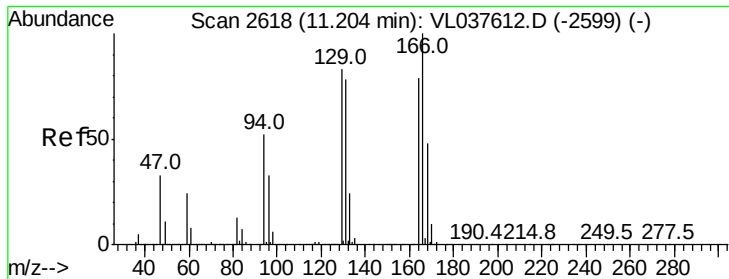
Tot Ion: 43 Resp: 76780
 Ion Ratio Lower Upper
 43 100
 58 0.0 29.4 44.2#



#51
 2-Hexanone
 Concen: 0.048 ppbv
 RT: 10.11 min Scan# 2277
 Delta R.T. -0.01 min
 Lab File: VL037629.D
 Acq: 17 Sep 2021 00:04

Tgt Ion: 43 Resp: 4943
 Ion Ratio Lower Upper
 43 100
 58 0.0 39.3 58.9#
 98 0.0 0.4 0.6#





#52

Tetrachloroethene

Concen: 0.064 ppbv

RT: 11.20 min Scan# 2616

Delta R.T. -0.01 min

Lab File: VL037629.D

Acq: 17 Sep 2021 00:04

Instrument :

MSVOA_L

ClientSampleId :

Tot Ion:164 Resp: 9321

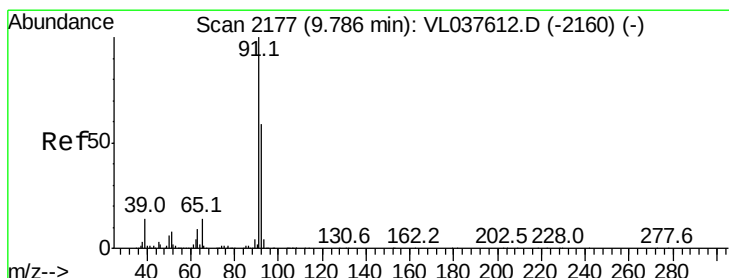
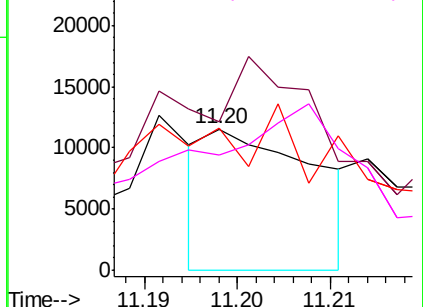
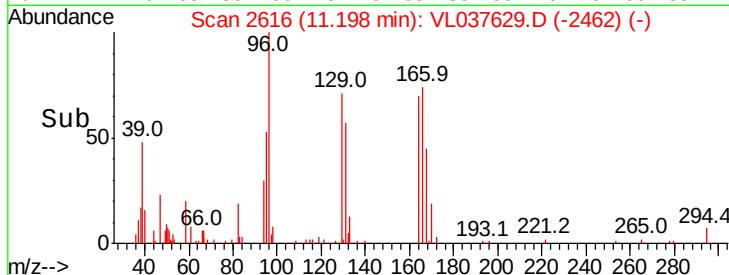
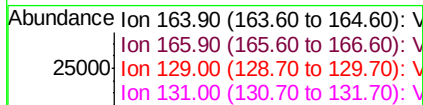
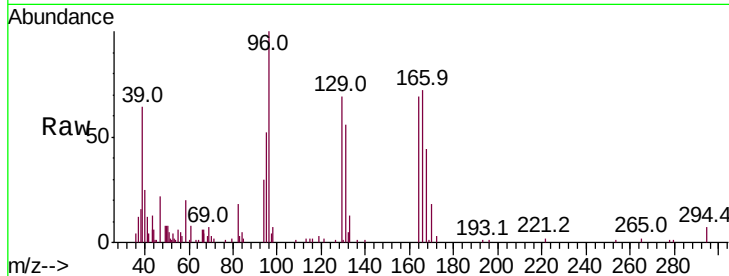
Ion Ratio Lower Upper

164 100

166 96.0 101.2 151.8#

129 44.2 84.0 126.0#

131 0.0 78.8 118.2#



#53

Toluene

Concen: 3.144 ppbv

RT: 9.79 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VL037629.D

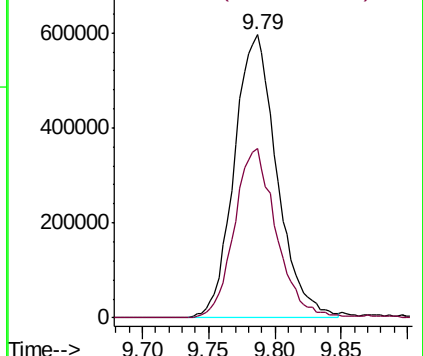
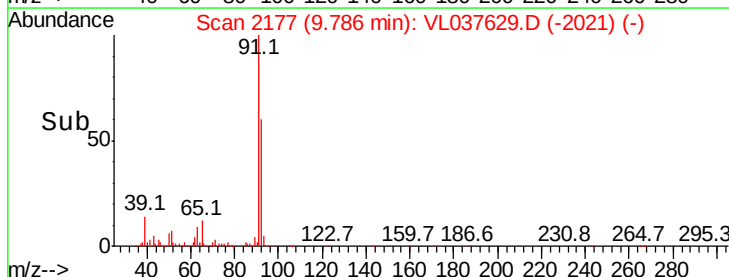
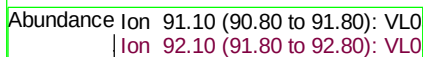
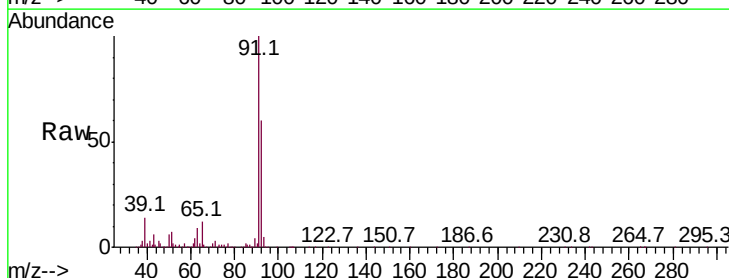
Acq: 17 Sep 2021 00:04

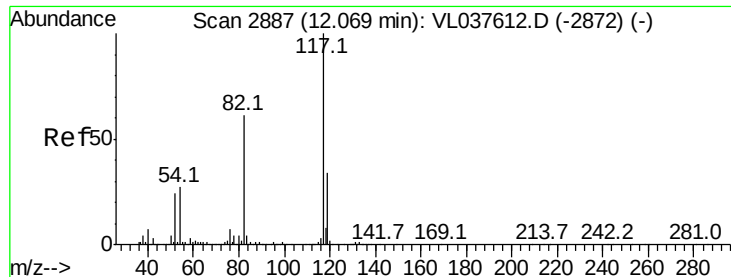
Tgt Ion: 91 Resp: 1323177

Ion Ratio Lower Upper

91 100

92 60.0 48.9 73.3





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.07 min Scan# 2886

Delta R.T. -0.00 min

Lab File: VL037629.D

Acq: 17 Sep 2021 00:04

Instrument :

MSVOA_L

ClientSampleId :

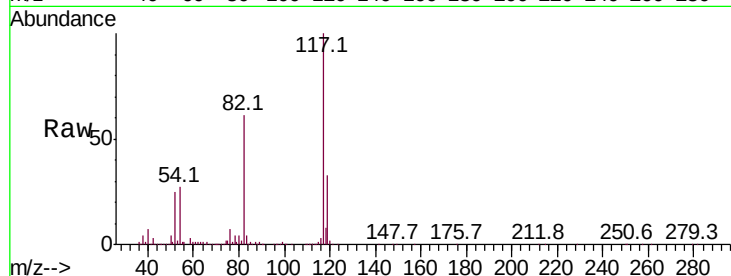
Tot Ion:117 Resp: 3854501

Ion Ratio Lower Upper

117 100

82 65.5 50.6 75.8

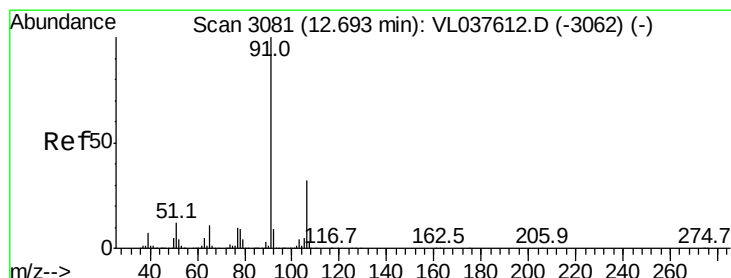
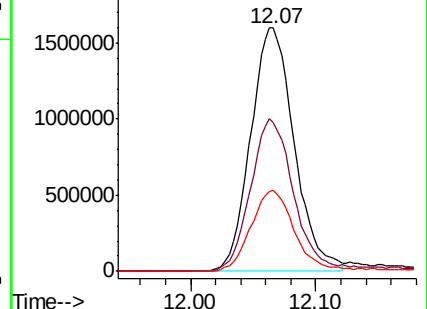
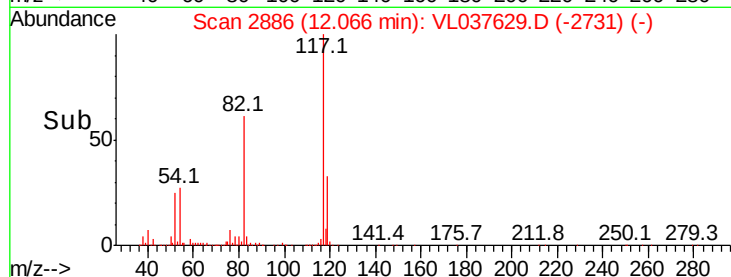
119 33.9 26.2 39.2



Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V



#58

Ethyl Benzene

Concen: 0.713 ppbv

RT: 12.69 min Scan# 3080

Delta R.T. -0.00 min

Lab File: VL037629.D

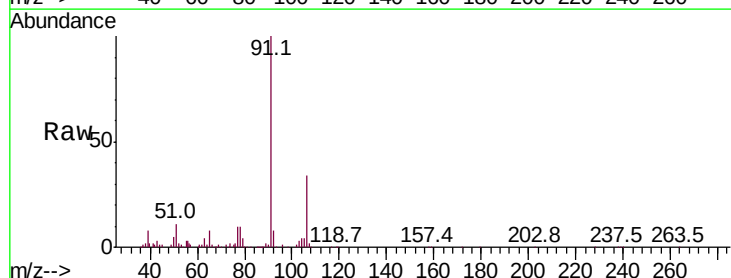
Acq: 17 Sep 2021 00:04

Tgt Ion: 91 Resp: 364864

Ion Ratio Lower Upper

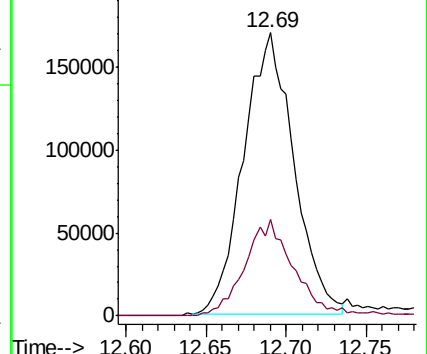
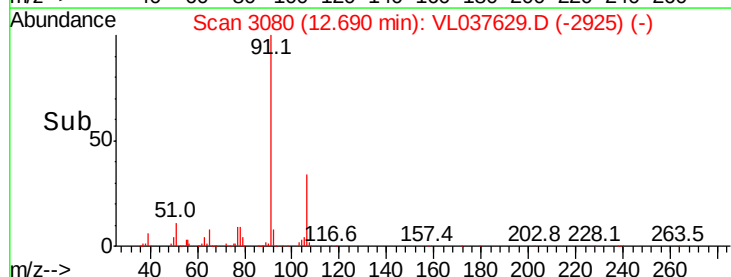
91 100

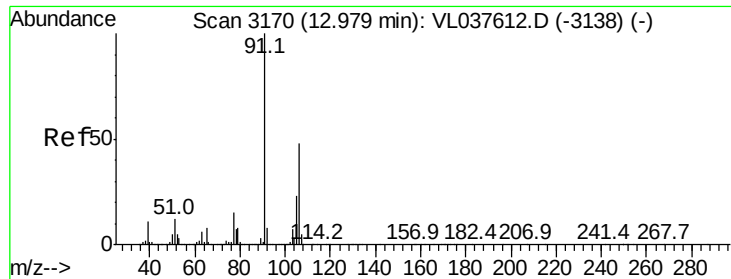
106 34.0 25.3 37.9



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V

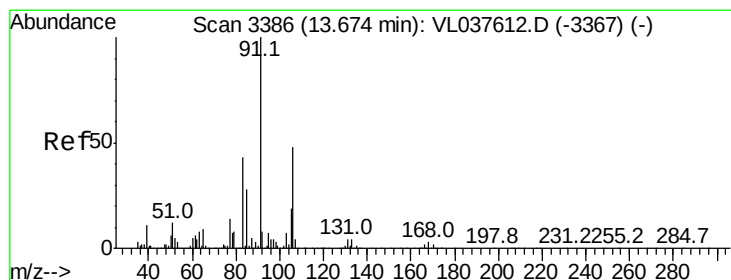
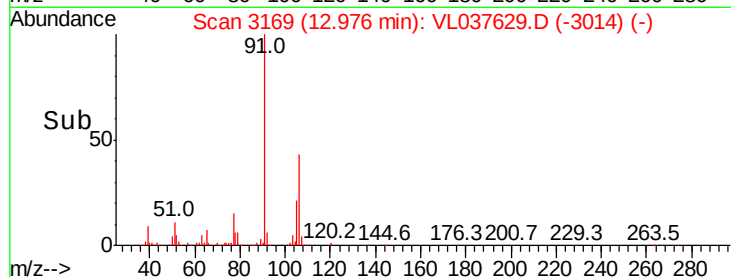
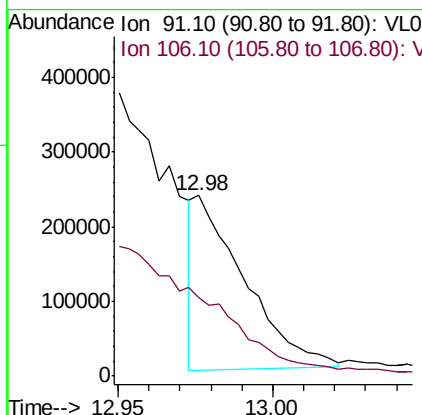
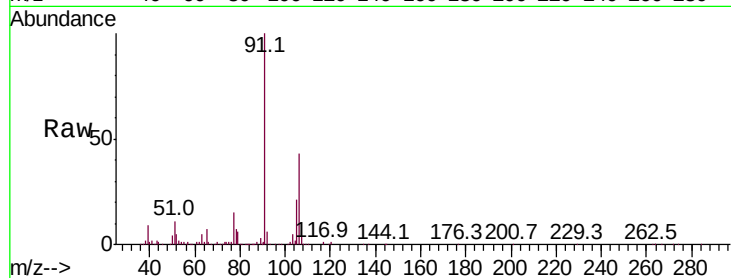




#59
m/p-Xylene
Concen: 0.587 ppbv
RT: 12.98 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VL037629.D
Acq: 17 Sep 2021 00:04

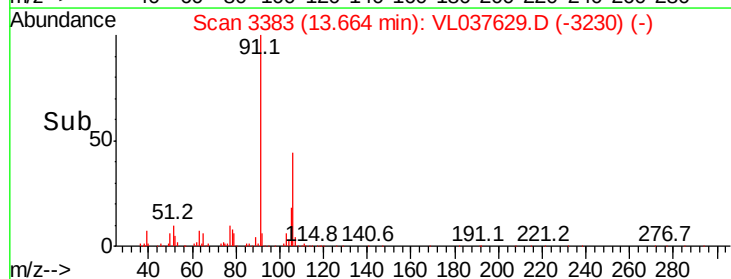
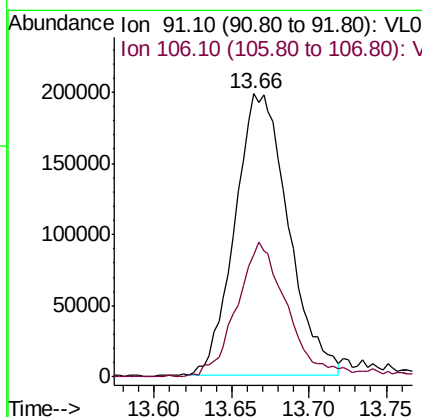
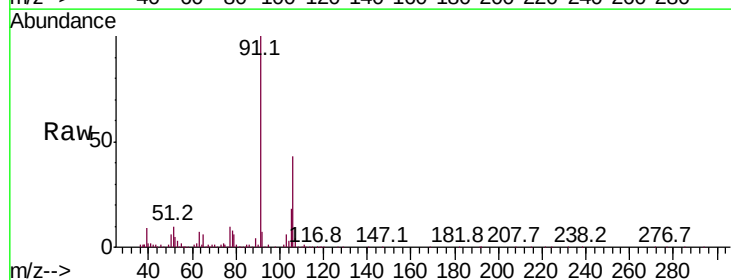
Instrument :
MSVOA_L
ClientSampled :

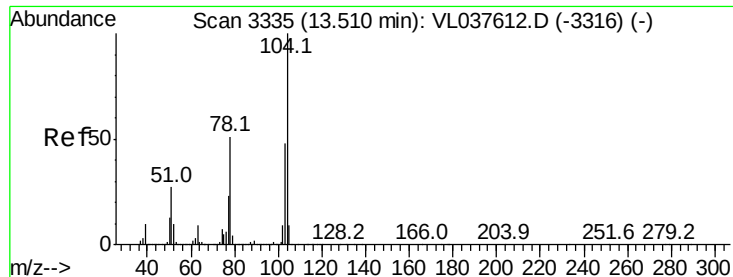
Tot Ion: 91 Resp: 261654
Ion Ratio Lower Upper
91 100
106 0.0 36.6 55.0#



#60
o-Xylene
Concen: 1.114 ppbv
RT: 13.66 min Scan# 3383
Delta R.T. -0.01 min
Lab File: VL037629.D
Acq: 17 Sep 2021 00:04

Tgt Ion: 91 Resp: 472663
Ion Ratio Lower Upper
91 100
106 47.7 23.0 69.0





#61

Stvrene

Concen: 0.838 ppbv

RT: 13.51 min Scan# 3335

Delta R.T. 0.00 min

Lab File: VL037629.D

Acq: 17 Sep 2021 00:04

Instrument :

MSVOA_L

ClientSampleId :

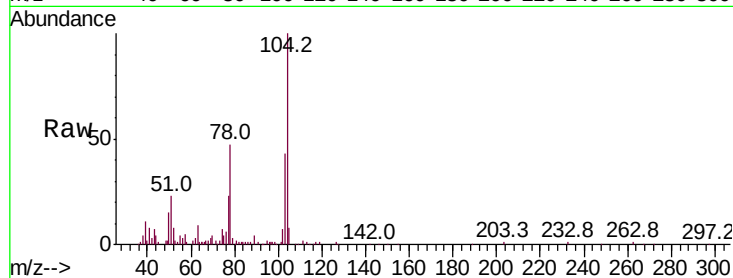
Tot Ion:104 Resp: 175455

Ion Ratio Lower Upper

104 100

78 53.1 39.7 59.5

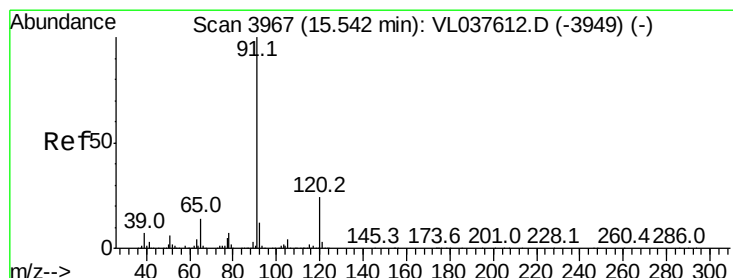
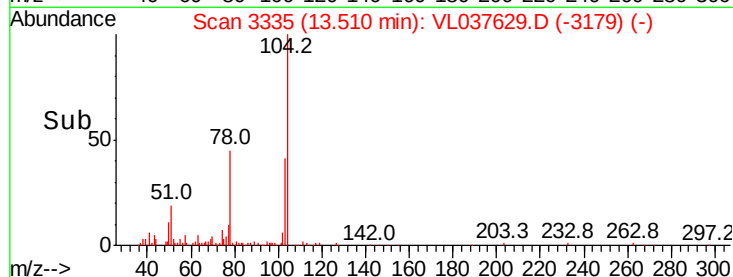
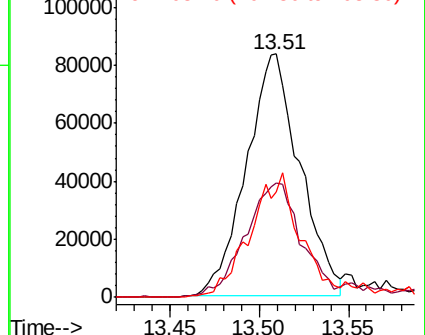
103 50.0 38.8 58.2



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VL0

Ion 103.10 (102.80 to 103.80): V



#64

n-propylbenzene

Concen: 0.044 ppbv

RT: 15.81 min Scan# 4050

Delta R.T. 0.27 min

Lab File: VL037629.D

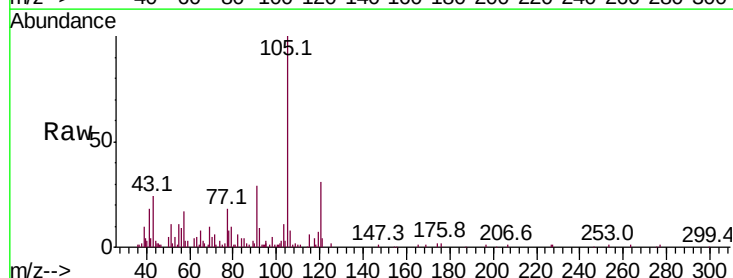
Acq: 17 Sep 2021 00:04

Tgt Ion:120 Resp: 6686

Ion Ratio Lower Upper

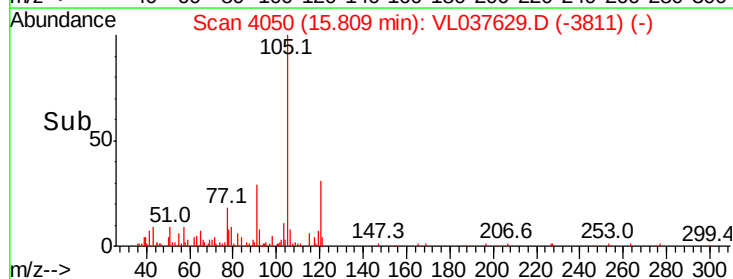
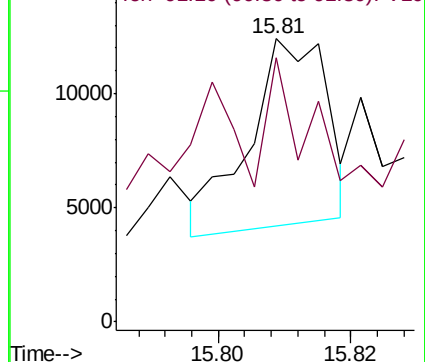
120 100

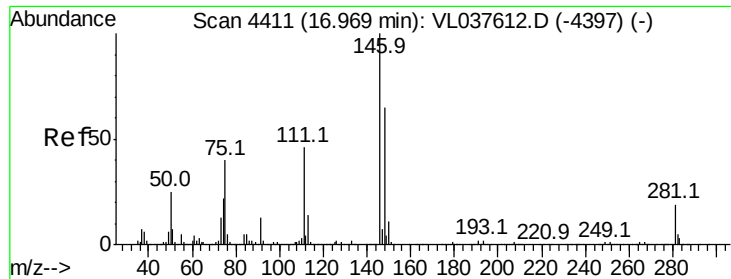
91 375.9 345.0 517.4



Abundance Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

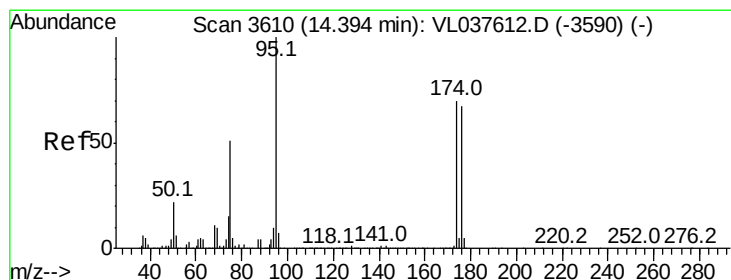
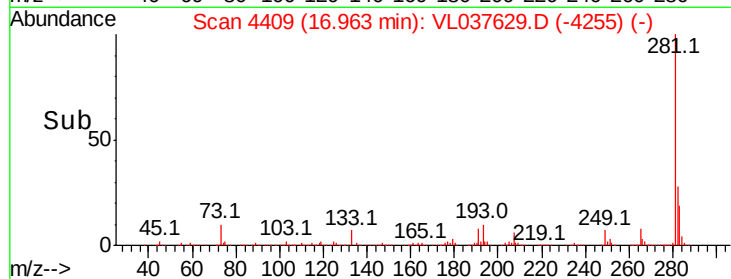
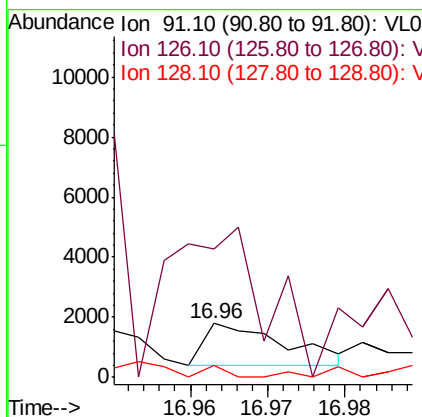
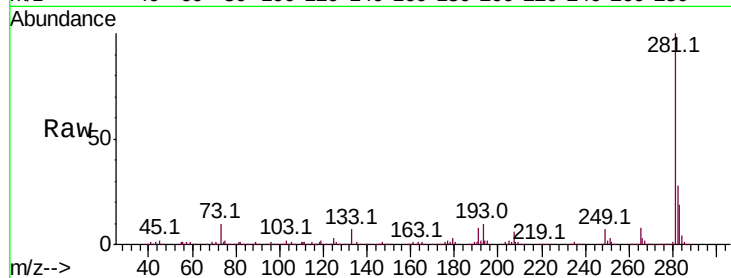




#66
Benzyl Chloride
Concen: 0.034 ppbv
RT: 16.96 min Scan# 4409
Delta R.T. -0.01 min
Lab File: VL037629.D
Acq: 17 Sep 2021 00:04

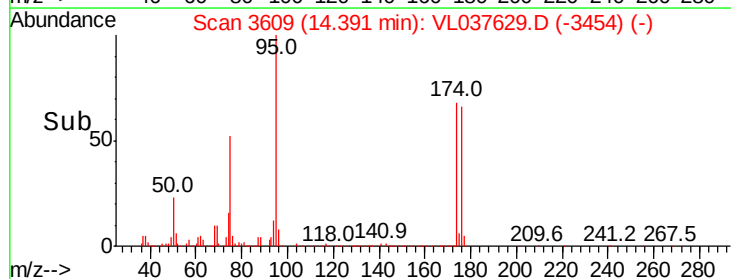
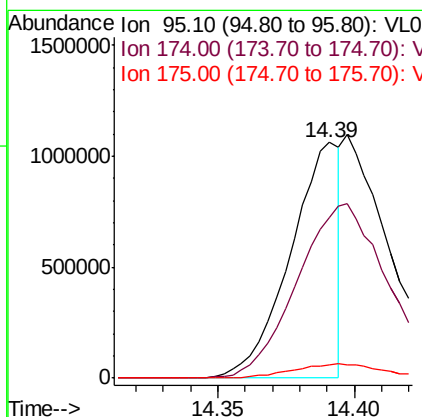
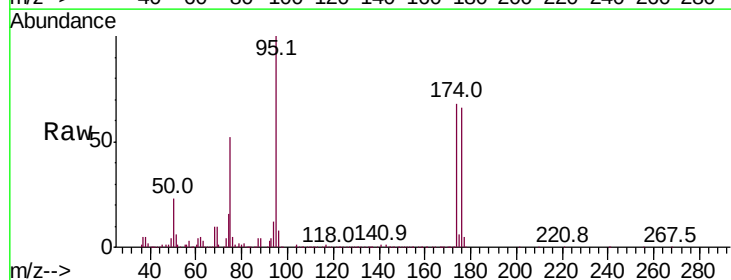
Instrument :
MSVOA_L
ClientSampled :

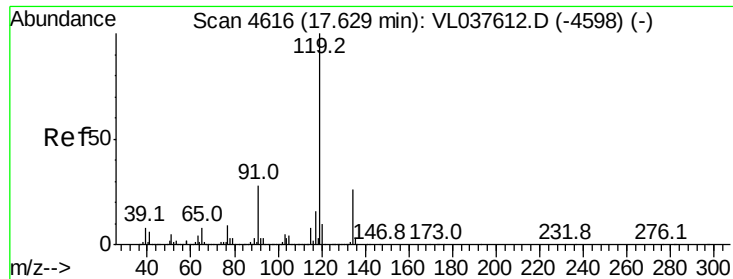
Tot Ion: 91 Resp: 1004
Ion Ratio Lower Upper
91 100
126 1395.3 14.4 21.6#
128 47.2 5.7 8.5#



#68
1-Bromo-4-Fluorobenzene
Concen: 4.780 ppbv
RT: 14.39 min Scan# 3609
Delta R.T. -0.00 min
Lab File: VL037629.D
Acq: 17 Sep 2021 00:04

Tgt Ion: 95 Resp: 1331557
Ion Ratio Lower Upper
95 100
174 0.0 56.3 84.5#
175 0.0 4.4 6.6#

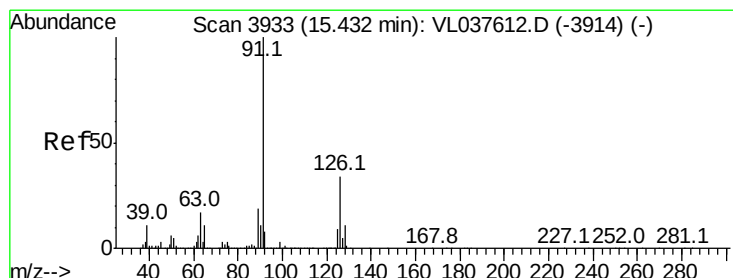
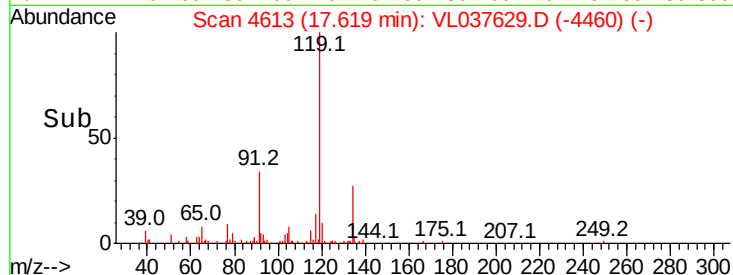
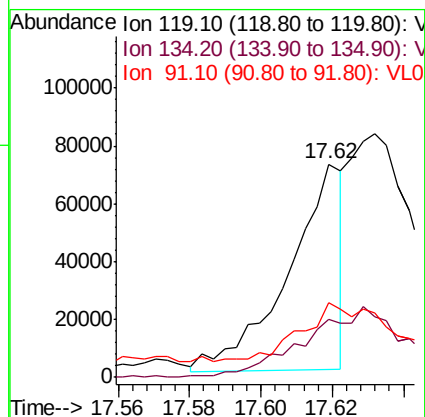
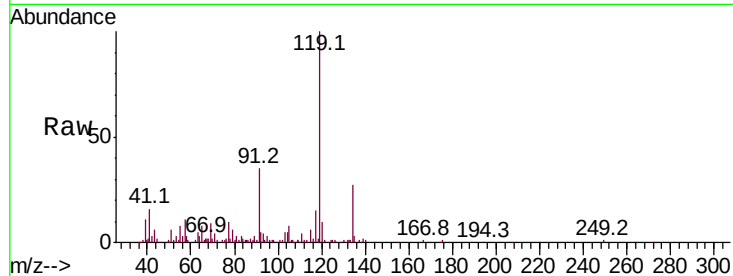




#69
 p-Isopropyltoluene
 Concen: 0.127 ppbv
 RT: 17.62 min Scan# 4613
 Delta R.T. -0.01 min
 Lab File: VL037629.D
 Acq: 17 Sep 2021 00:04

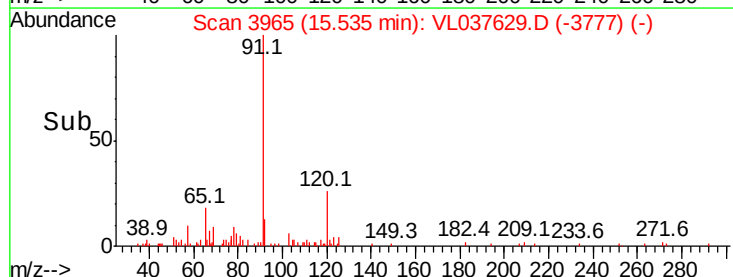
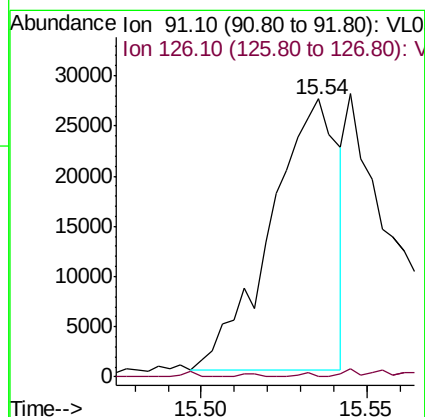
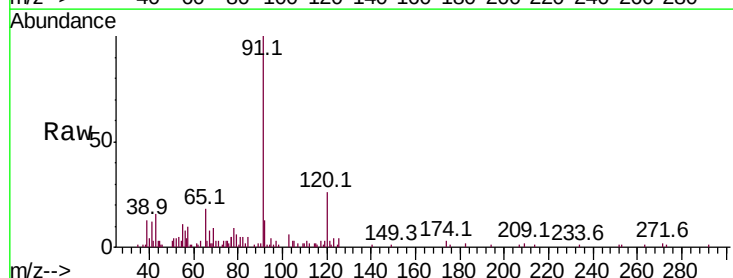
Instrument :
 MSVOA_L
 ClientSampleID :

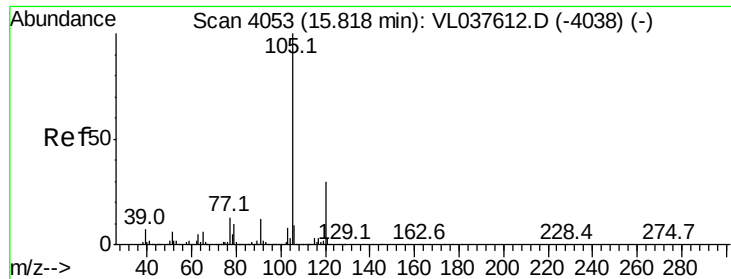
Tot Ion:119 Resp: 75434
 Ion Ratio Lower Upper
 119 100
 134 0.0 21.2 31.8#
 91 75.8 22.2 33.2#



#71
 2-Chlorotoluene
 Concen: 0.090 ppbv
 RT: 15.54 min Scan# 3965
 Delta R.T. 0.10 min
 Lab File: VL037629.D
 Acq: 17 Sep 2021 00:04

Tgt Ion: 91 Resp: 38079
 Ion Ratio Lower Upper
 91 100
 126 1.8 13.2 52.8#





#72

4-Ethyltoluene

Concen: 0.060 ppbv

RT: 15.82 min Scan# 4052

Delta R.T. -0.00 min

Lab File: VL037629.D

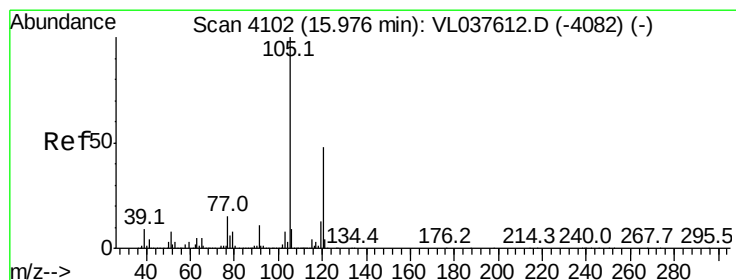
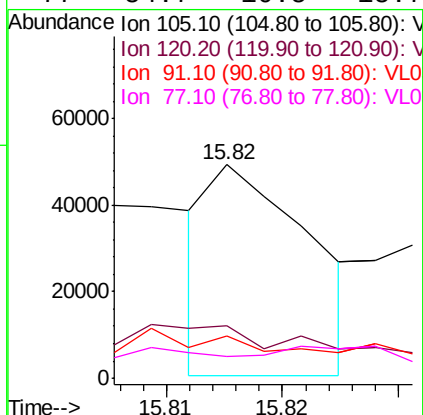
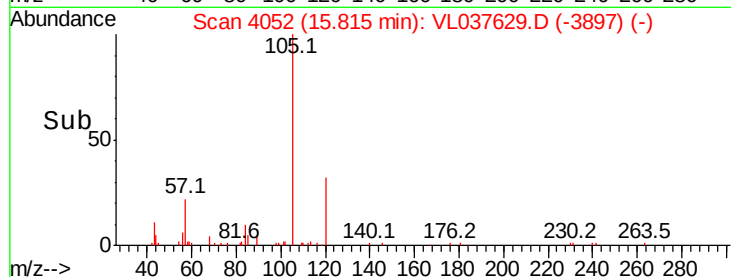
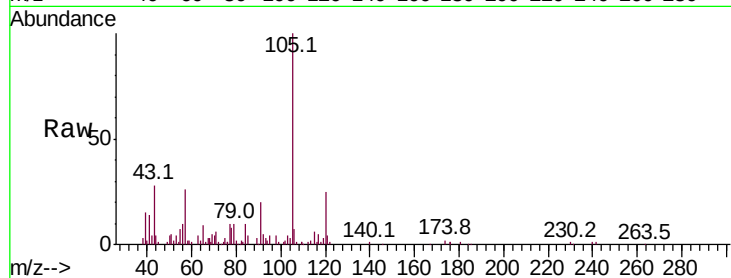
Acq: 17 Sep 2021 00:04

Instrument :

MSVOA_L

ClientSampleId :

Tot Ion:	105	Resp:	29199
Ion	Ratio	Lower	Upper
105	100		
120	0.0	24.7	37.1#
91	0.0	9.9	14.9#
77	54.7	10.5	15.7#



#73

1,3,5-Trimethylbenzene

Concen: 0.179 ppbv

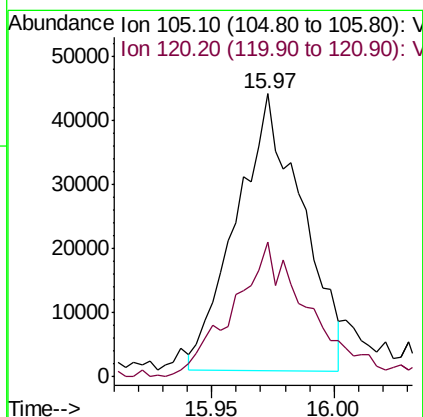
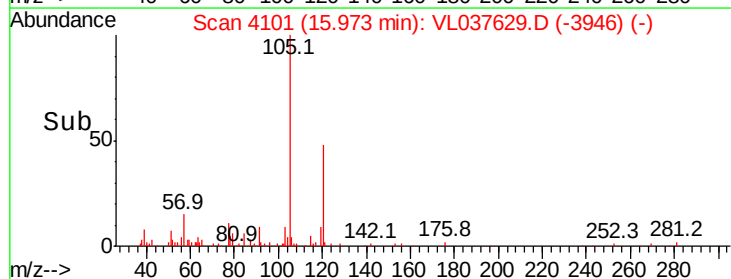
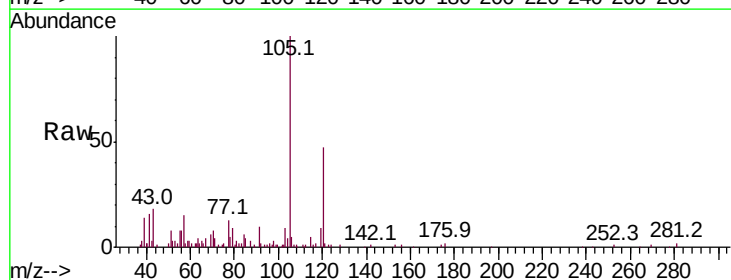
RT: 15.97 min Scan# 4101

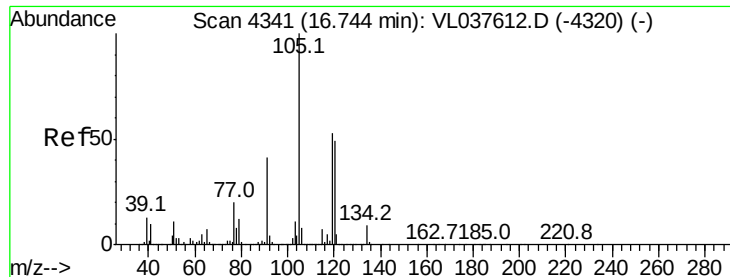
Delta R.T. -0.00 min

Lab File: VL037629.D

Acq: 17 Sep 2021 00:04

Tgt Ion:	105	Resp:	81299
Ion	Ratio	Lower	Upper
105	100		
120	46.6	38.3	57.5





#74

1,2,4-Trimethylbenzene

Concen: 0.617 ppbv

RT: 16.74 min Scan# 4340

Delta R.T. -0.00 min

Lab File: VL037629.D

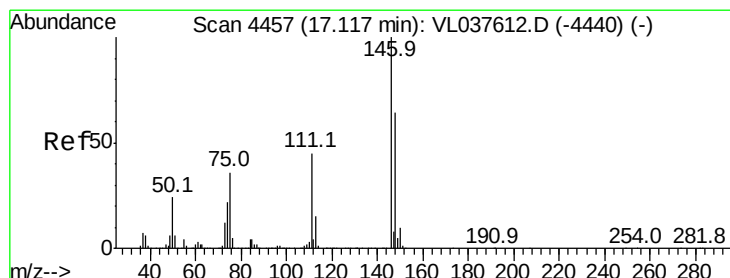
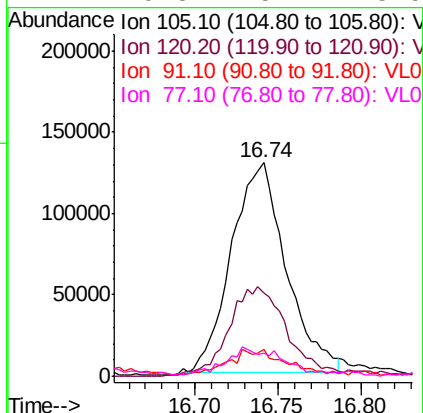
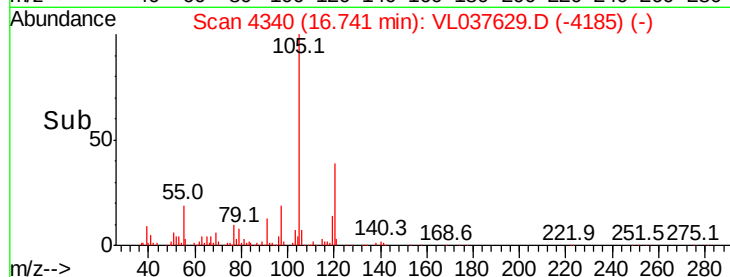
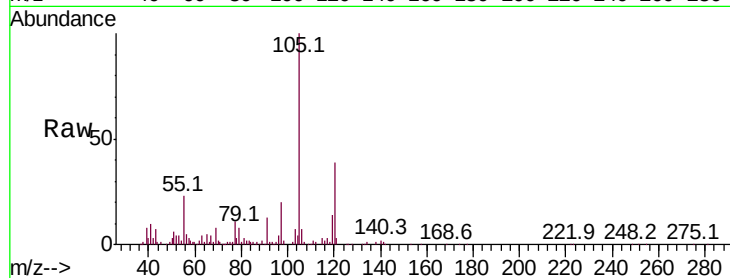
Acq: 17 Sep 2021 00:04

Instrument :

MSVOA_L

ClientSampleId :

Tot Ion:	105	Resp:	295287
Ion	Ratio	Lower	Upper
105	100		
120	37.0	39.4	59.0#
91	11.3	33.3	49.9#
77	9.8	15.7	23.5#



#76

1,4-Dichlorobenzene

Concen: 0.143 ppbv

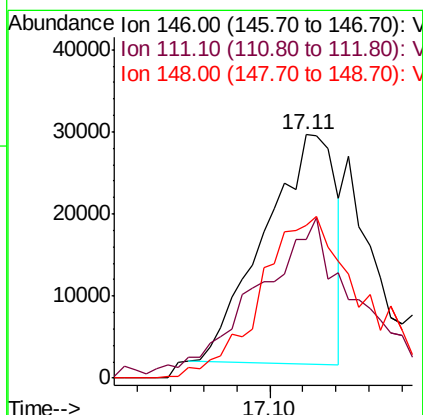
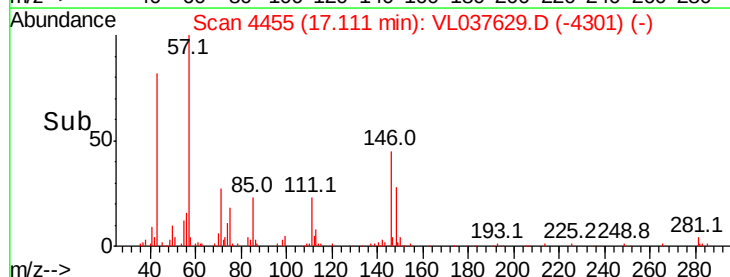
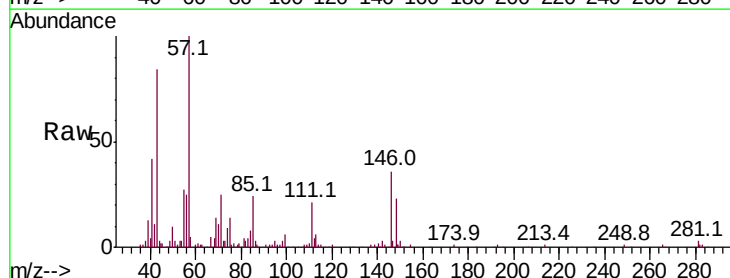
RT: 17.11 min Scan# 4455

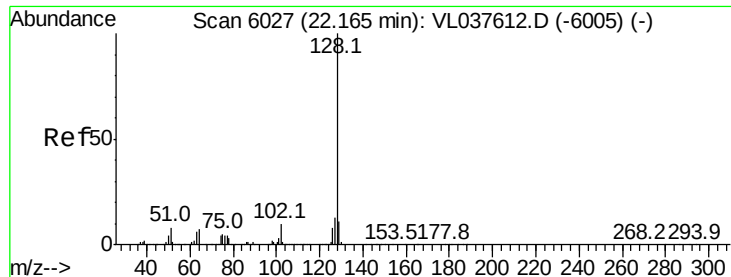
Delta R.T. -0.01 min

Lab File: VL037629.D

Acq: 17 Sep 2021 00:04

Tgt Ion:	146	Resp:	41782
Ion	Ratio	Lower	Upper
146	100		
111	103.6	22.5	67.5#
148	106.7	32.9	98.6#

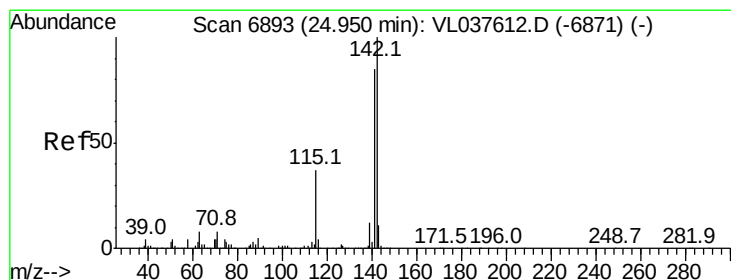
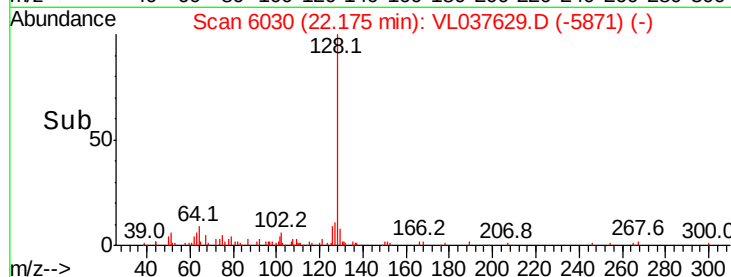
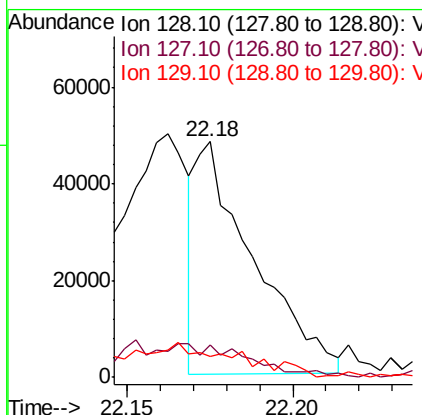
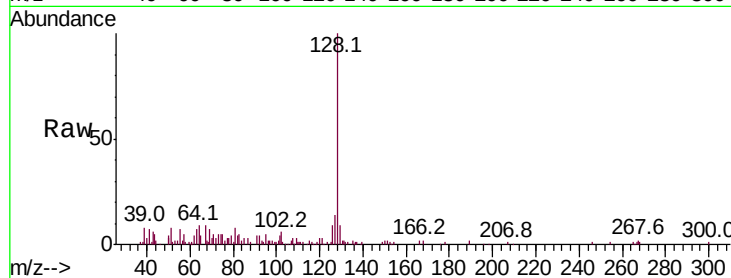




#79
Naphthalene
Concen: 0.197 ppbv
RT: 22.18 min Scan# 6030
Delta R.T. 0.01 min
Lab File: VL037629.D
Acq: 17 Sep 2021 00:04

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion:128 Resp: 57730
Ion Ratio Lower Upper
128 100
127 13.1 10.6 16.0
129 8.8 8.6 12.8



#80
Naphthalene, 2-methyl-
Concen: 0.151 ppbv
RT: 25.27 min Scan# 6992
Delta R.T. 0.32 min
Lab File: VL037629.D
Acq: 17 Sep 2021 00:04

Tgt Ion:142 Resp: 10145
Ion Ratio Lower Upper
142 100
141 95.5 70.9 106.3
115 34.6 29.6 44.4

