

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081221\
 Data File : VL037428.D
 Acq On : 13 Aug 2021 00:42
 Operator : SY/AP
 Sample : M3211-01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Aug 13 03:07:53 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081221AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 13 01:37:35 2021
 QLast Update : Fri Aug 13 01:37:35 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1235686	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3872676	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	3255246	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2372416	10.16	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.60%

Target Compounds					Ovalue
3) Chlorodifluoromethane	2.99	51	60518	0.249 ppbv	# 90
4) Chloromethane	3.14	50	27798	0.319 ppbv	97
9) Propene	3.02	41	73007	0.896 ppbv	86
10) Heptane	8.12	43	38327	0.193 ppbv	94
11) Trichlorofluoromethane	3.95	101	17477	0.086 ppbv	100
12) 1,1,2-Trichlorotrifluoroet	4.48	101	4976	0.035 ppbv	# 1
13) Ethanol	3.61	45	179372	20.627 ppbv	# 31
15) Acetone	3.84	43	3925408	29.954 ppbv	97
16) 1,3-Butadiene	3.33	39	5302	0.060 ppbv	# 60
17) tert-Butyl alcohol	4.31	59	8100	0.065 ppbv	# 72
19) Isopropyl Alcohol	3.98	45	111748	1.465 ppbv	# 92
20) Methylene Chloride	4.34	84	4452813	64.260 ppbv	95
23) Vinyl Acetate	5.06	43	28731	0.143 ppbv	# 1
25) Ethyl Acetate	5.68	43	2552483	8.173 ppbv	# 77
26) Hexane	5.68	57	3547147	22.008 ppbv	# 47
27) Carbon Disulfide	4.55	76	14504	0.107 ppbv	# 65
29) Chloroform	5.75	83	187865	0.828 ppbv	90
30) Cyclohexane	7.13	84	11858	0.089 ppbv	# 1
32) 1,1,1-Trichloroethane	6.51	97	287395	1.255 ppbv	97
34) 2-Butanone	5.24	43	1367685	8.554 ppbv	99
36) Benzene	6.89	78	79677	0.244 ppbv	# 86
38) Trichloroethene	7.83	130	355344	2.465 ppbv	97
39) 1,2-Dichloropropane	7.17	63	883176	7.100 ppbv	# 26
41) Tetrahydrofuran	6.04	42	2984037	40.641 ppbv	96
44) 2,2,4-Trimethylpentane	7.87	57	24012	0.044 ppbv	# 1
50) 4-Methyl-2-Pentanone	8.75	43	18031	0.090 ppbv	# 38
51) 2-Hexanone	10.14	43	11502	0.122 ppbv	# 20
52) Tetrachloroethene	11.21	164	2192328	15.936 ppbv	96
53) Toluene	9.80	91	2537365	6.806 ppbv	99
58) Ethyl Benzene	12.71	91	69005	0.156 ppbv	90
59) m/p-Xylene	12.96	91	439406	1.133 ppbv	89
60) o-Xylene	13.69	91	156410	0.434 ppbv	95
61) Styrene	13.52	104	7724	0.042 ppbv	# 16
66) Benzyl Chloride	16.97	91	982	0.046 ppbv	# 1
72) 4-Ethyltoluene	15.83	105	16734	0.040 ppbv	# 24
73) 1,3,5-Trimethylbenzene	15.99	105	15489	0.039 ppbv	# 59
74) 1,2,4-Trimethylbenzene	16.75	105	119972	0.296 ppbv	# 73
75) 1,3-Dichlorobenzene	16.99	146	17229	0.070 ppbv	# 23
80) Naphthalene,2-methyl-	24.96	142	1683	0.036 ppbv	# 35

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QLast Update : Fri Aug 13 01:37:35 2021
Response via : Initial Calibration

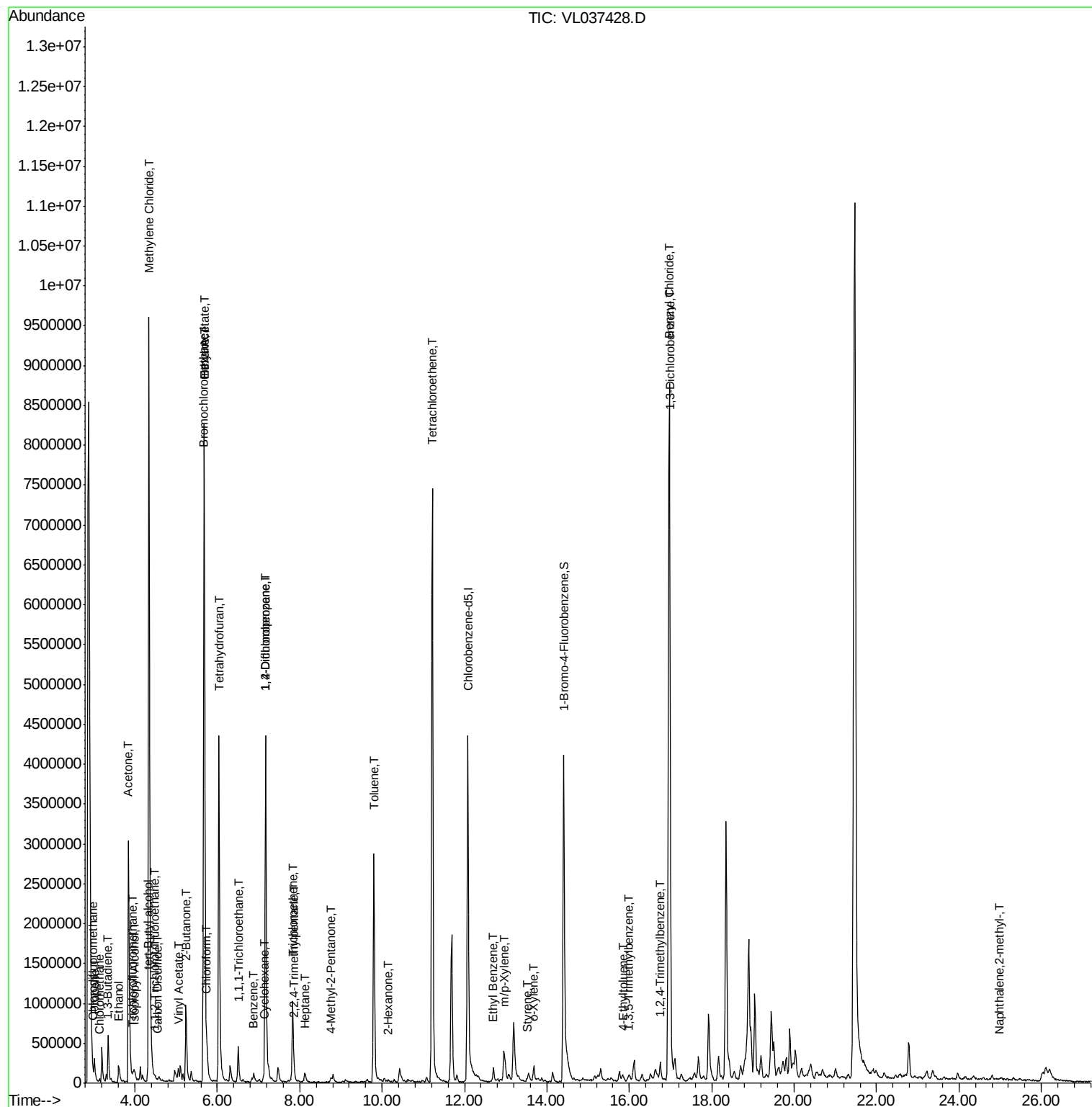
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

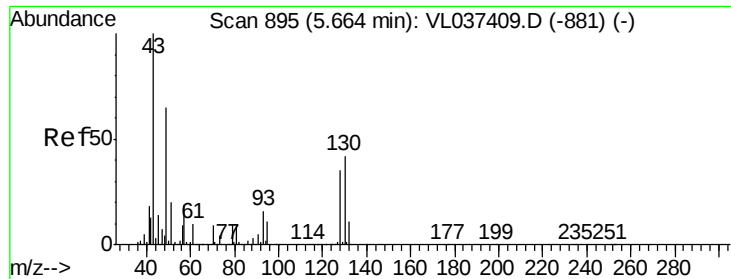
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 895

Delta R.T. 0.00 min

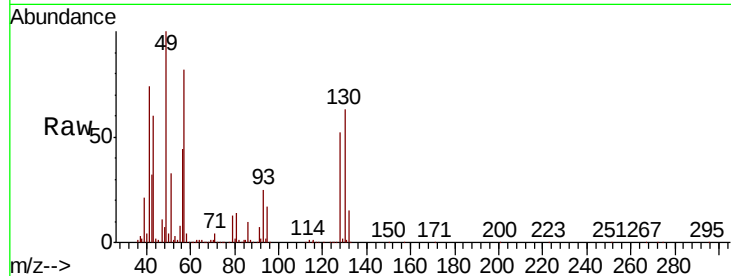
Lab File: VL037428.D

Acq: 13 Aug 2021 00:42

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 49 Resp: 1235686

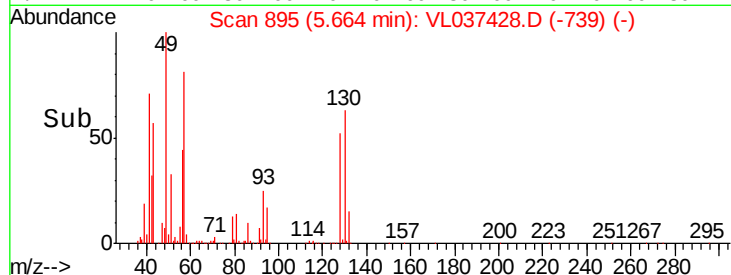
Ion	Ratio	Lower	Upper
49	100		
128	55.0	27.9	83.6
130	70.8	34.6	103.8



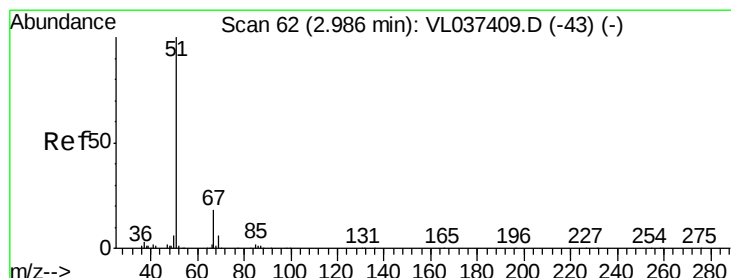
Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



Time-->



#3

Chlorodifluoromethane

Concen: 0.249 ppbv

RT: 2.99 min Scan# 62

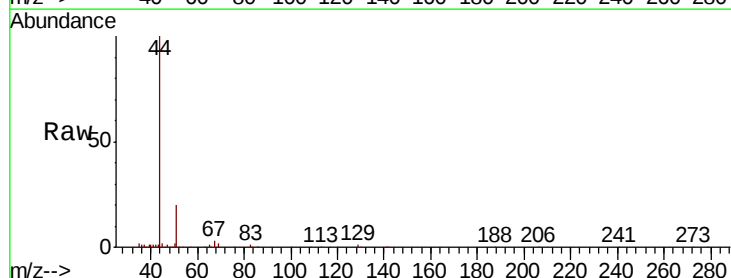
Delta R.T. 0.00 min

Lab File: VL037428.D

Acq: 13 Aug 2021 00:42

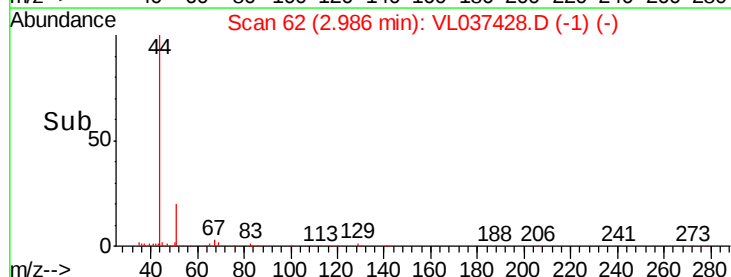
Tgt Ion: 51 Resp: 60518

Ion	Ratio	Lower	Upper
51	100		
67	13.8	14.7	22.1

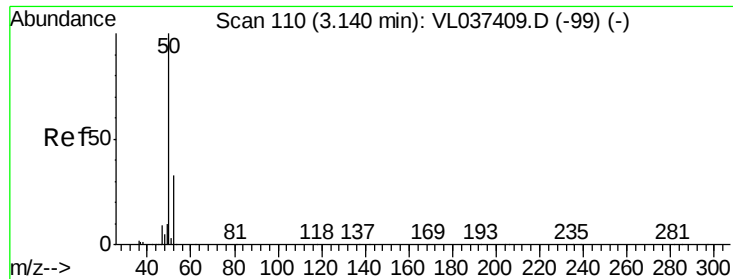


Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



Time-->



#4

Chloromethane

Concen: 0.319 ppbv

RT: 3.14 min Scan# 109

Delta R.T. -0.00 min

Lab File: VL037428.D

Acq: 13 Aug 2021 00:42

Instrument :

MSVOA_L

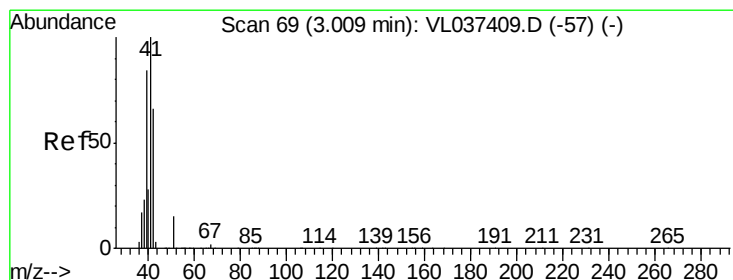
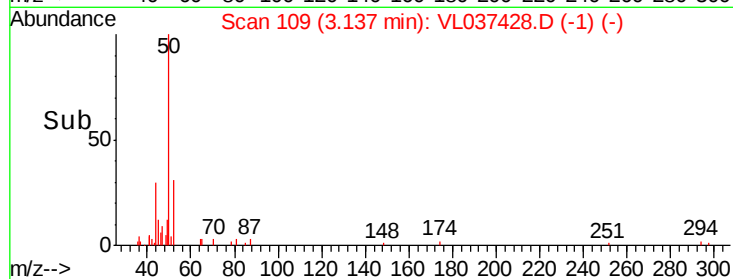
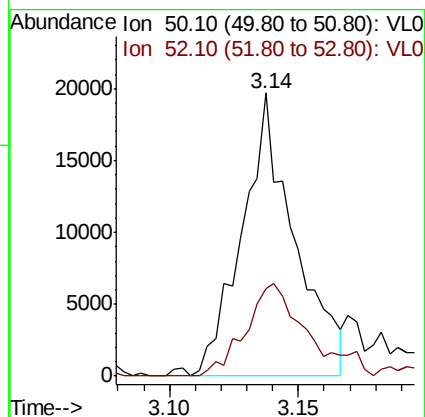
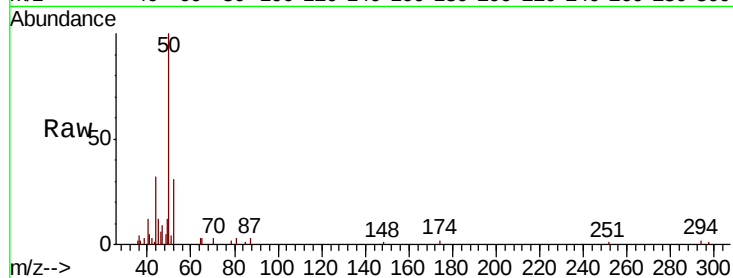
ClientSampleId :

Tot Ion: 50 Resp: 27798

Ion Ratio Lower Upper

50 100

52 30.9 26.2 39.4



#9

Propene

Concen: 0.896 ppbv

RT: 3.02 min Scan# 71

Delta R.T. 0.01 min

Lab File: VL037428.D

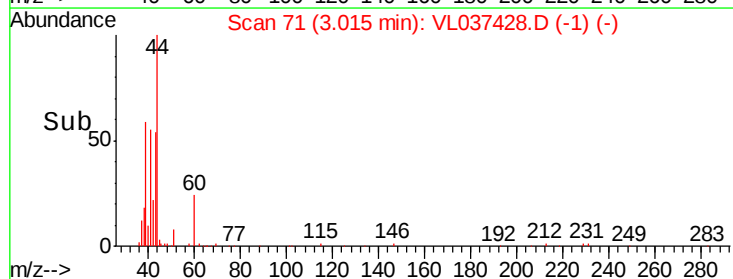
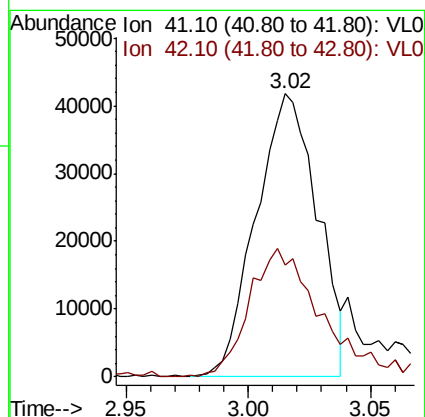
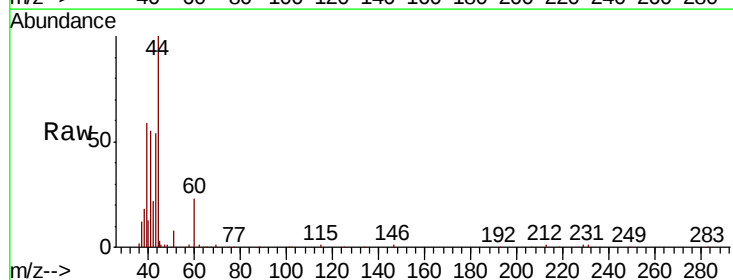
Acq: 13 Aug 2021 00:42

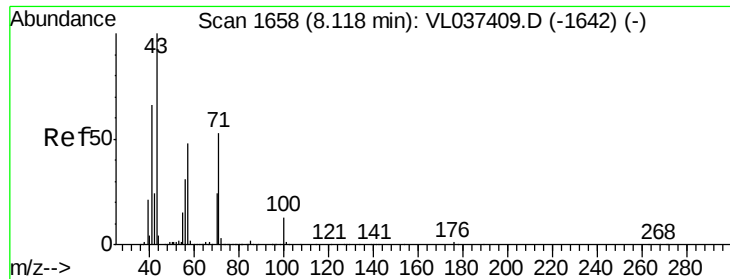
Tgt Ion: 41 Resp: 73007

Ion Ratio Lower Upper

41 100

42 56.3 53.8 80.8

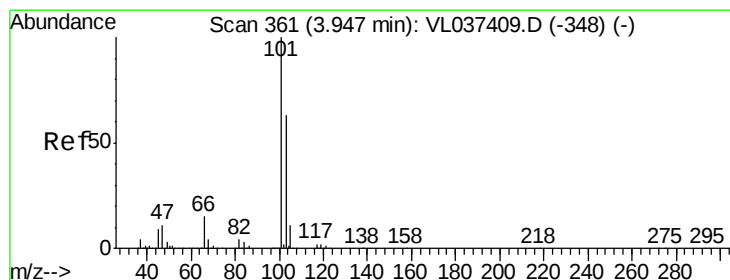
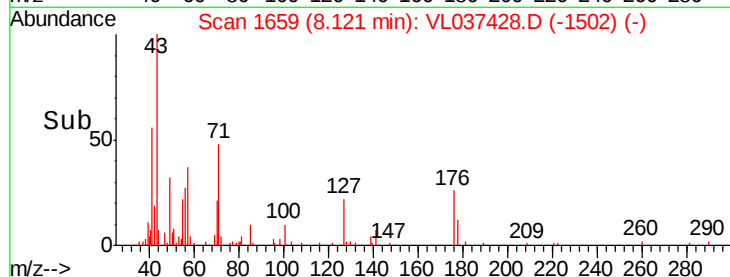
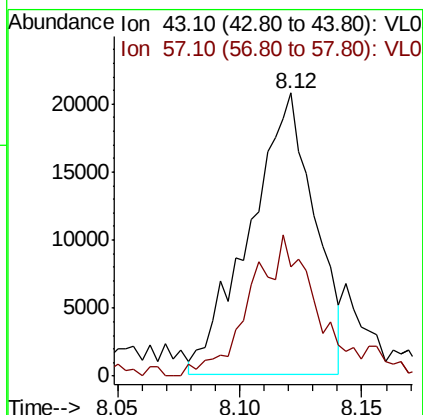
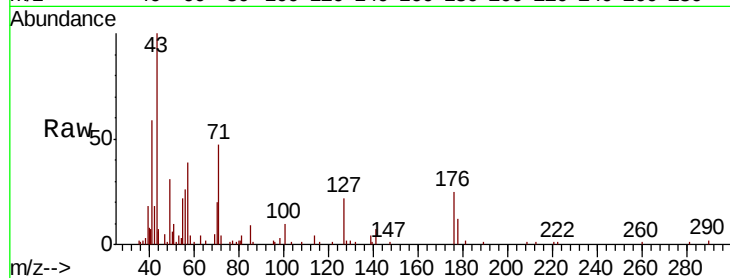




#10
 Heptane
 Concen: 0.193 ppbv
 RT: 8.12 min Scan# 1659
 Delta R.T. 0.00 min
 Lab File: VL037428.D
 Acq: 13 Aug 2021 00:42

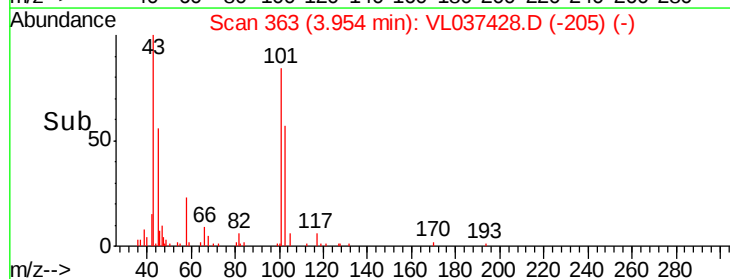
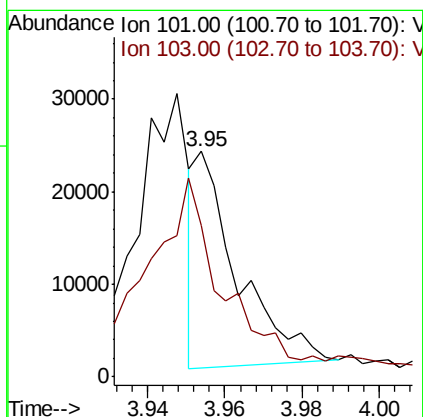
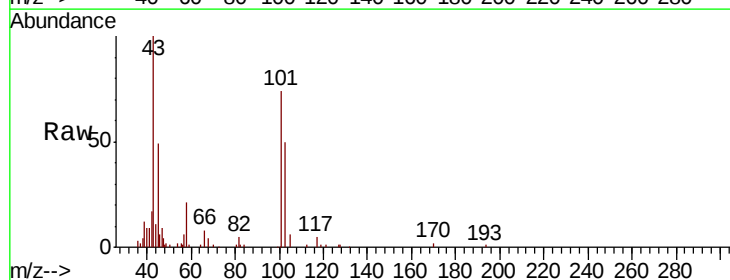
Instrument :
 MSVOA_L
 ClientSampleId :

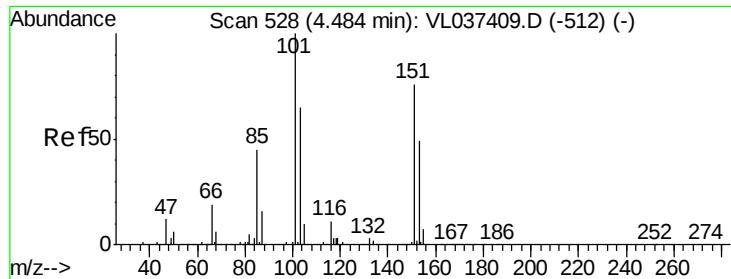
Tot Ion: 43 Resp: 38327
 Ion Ratio Lower Upper
 43 100
 57 54.2 40.3 60.5



#11
 Trichlorofluoromethane
 Concen: 0.086 ppbv
 RT: 3.95 min Scan# 363
 Delta R.T. 0.01 min
 Lab File: VL037428.D
 Acq: 13 Aug 2021 00:42

Tgt Ion: 101 Resp: 17477
 Ion Ratio Lower Upper
 101 100
 103 62.9 50.2 75.4





#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.035 ppbv

RT: 4.48 min Scan# 528

Delta R.T. 0.00 min

Lab File: VL037428.D

Acq: 13 Aug 2021 00:42

Instrument :

MSVOA_L

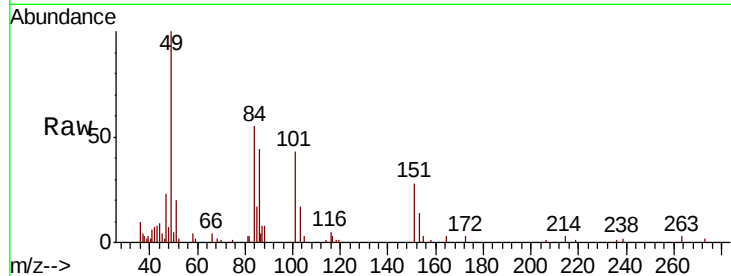
ClientSampled :

Tot Ion:101 Resp: 4976

Ion Ratio Lower Upper

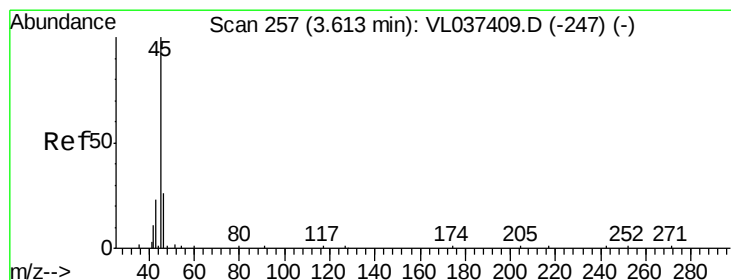
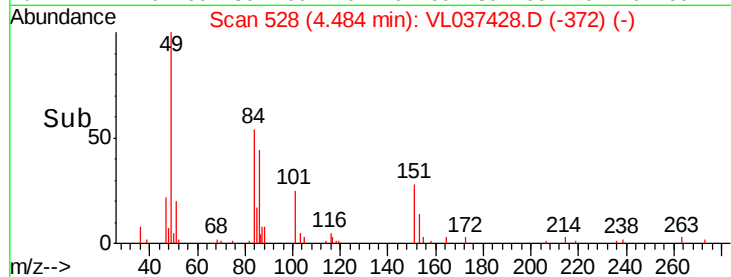
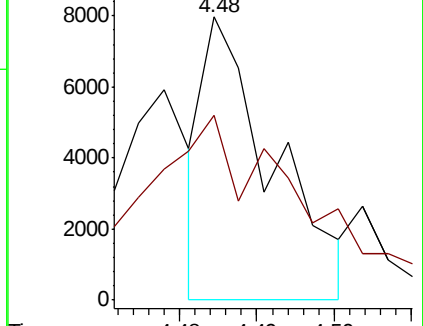
101 100

151 188.3 61.2 91.8#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 151.00 (150.70 to 151.70): V



#13

Ethanol

Concen: 20.627 ppbv

RT: 3.61 min Scan# 257

Delta R.T. 0.00 min

Lab File: VL037428.D

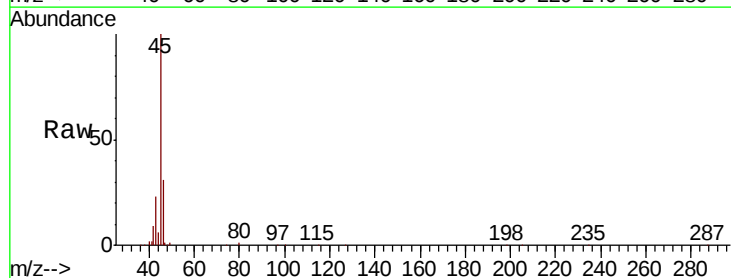
Acq: 13 Aug 2021 00:42

Tgt Ion: 45 Resp: 179372

Ion Ratio Lower Upper

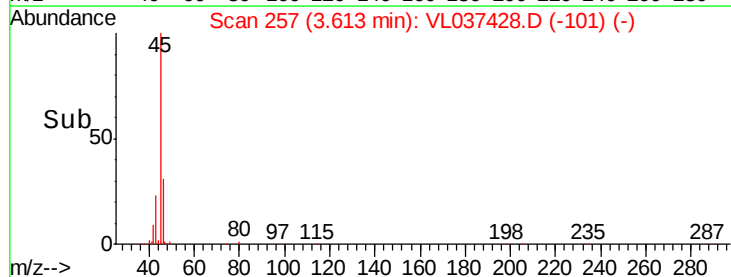
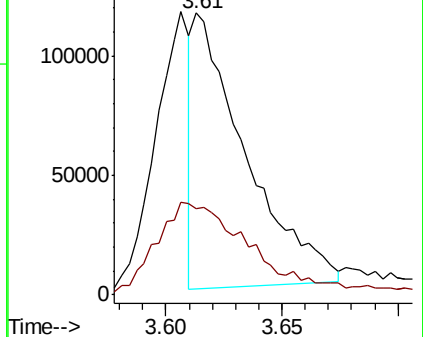
45 100

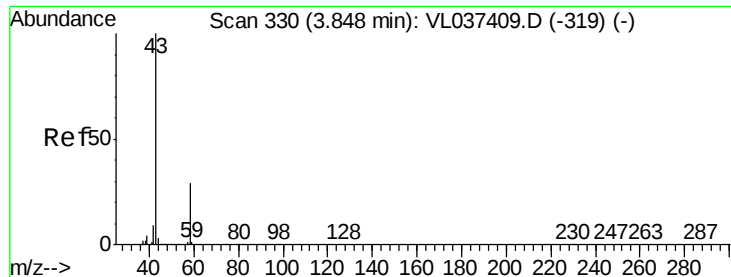
46 0.0 18.0 72.2#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





#15

Acetone

Concen: 29.954 ppbv

RT: 3.84 min Scan# 328

Delta R.T. -0.01 min

Lab File: VL037428.D

Acq: 13 Aug 2021 00:42

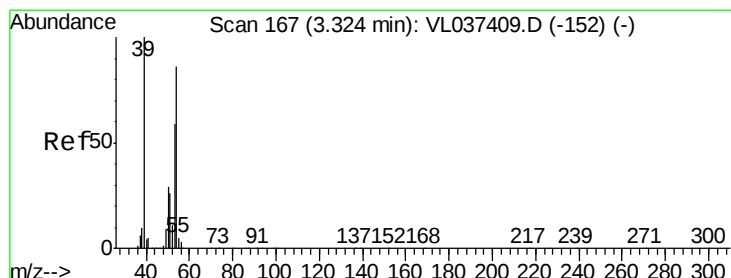
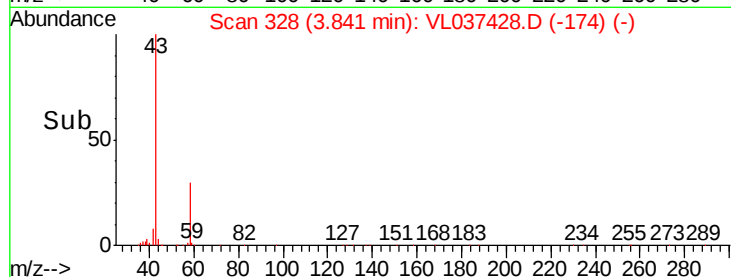
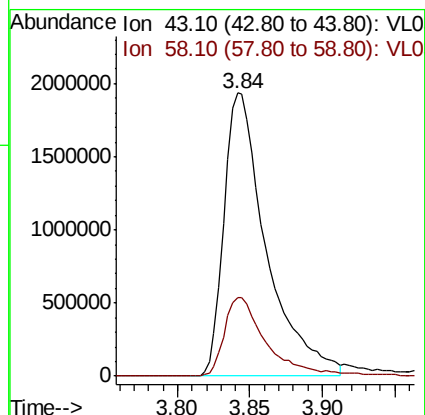
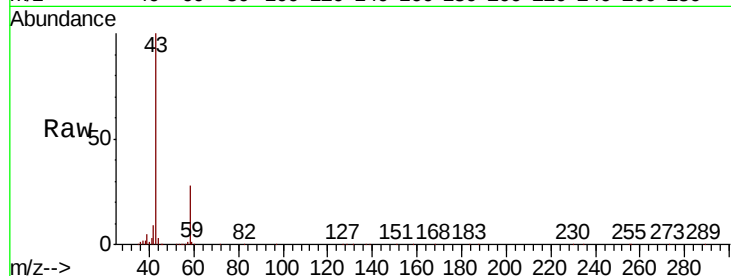
Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 43 Resp: 3925408

Ion Ratio Lower Upper

43 100

58 28.7 24.4 36.6



#16

1,3-Butadiene

Concen: 0.060 ppbv

RT: 3.33 min Scan# 169

Delta R.T. 0.01 min

Lab File: VL037428.D

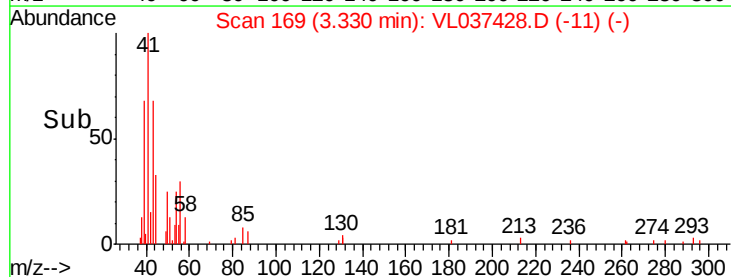
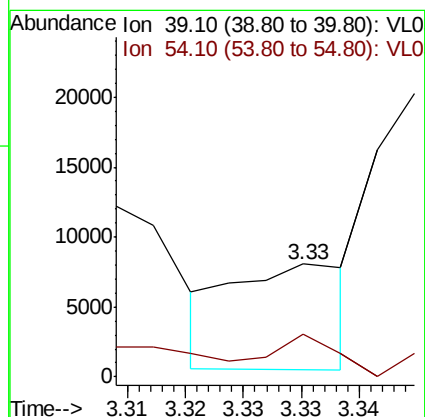
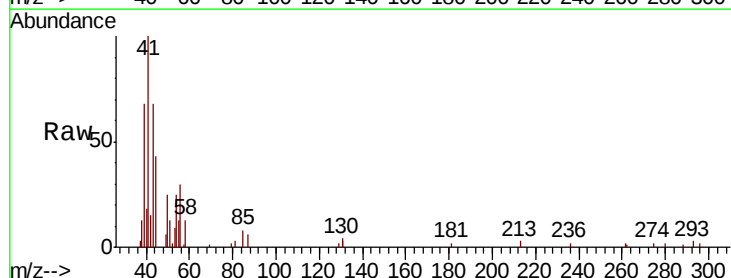
Acq: 13 Aug 2021 00:42

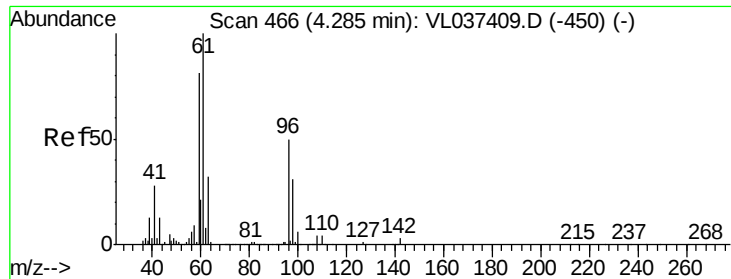
Tgt Ion: 39 Resp: 5302

Ion Ratio Lower Upper

39 100

54 110.9 61.4 92.0#



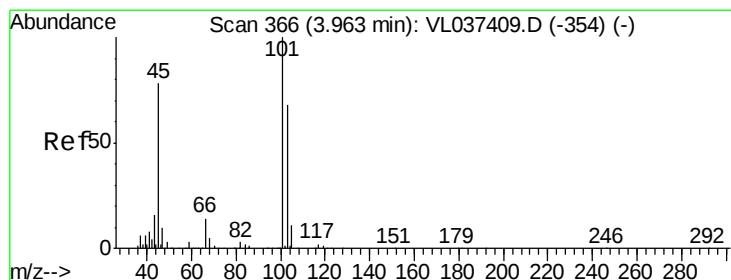
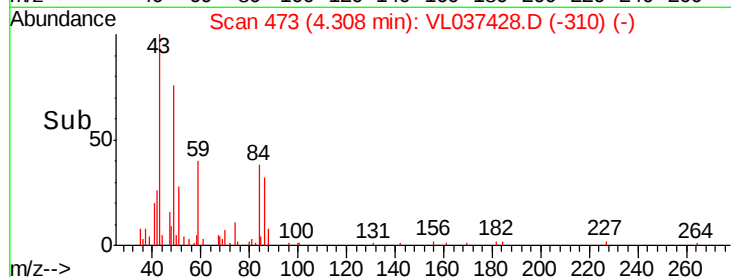
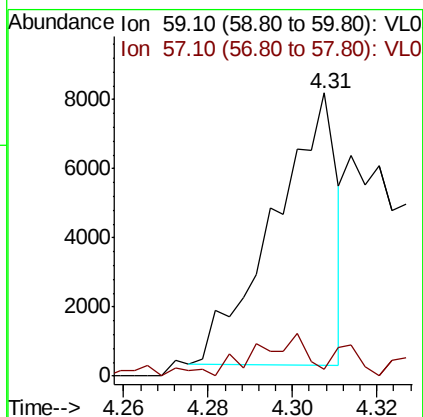
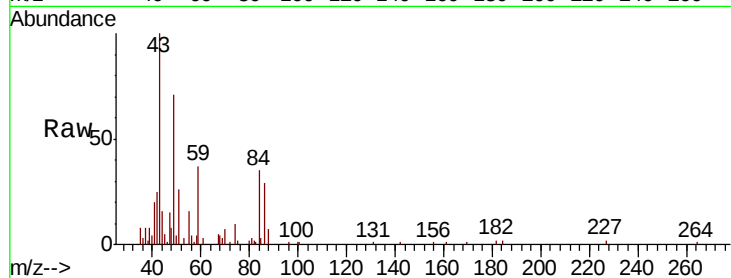


#17

tert-Butyl alcohol
Concen: 0.065 ppbv
RT: 4.31 min Scan# 473
Delta R.T. 0.02 min
Lab File: VL037428.D
Acq: 13 Aug 2021 00:42

Instrument :
MSVOA_L
ClientSampleId :

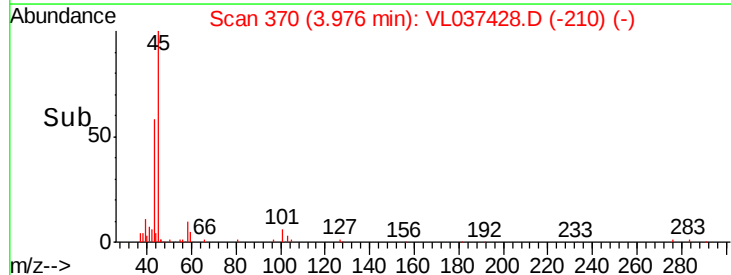
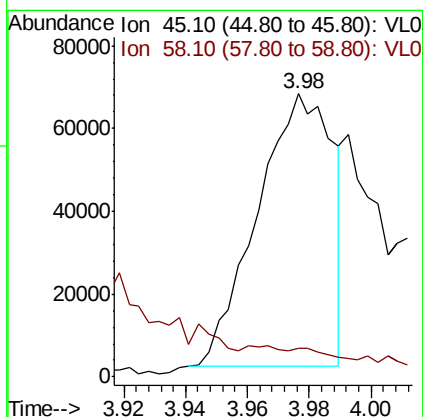
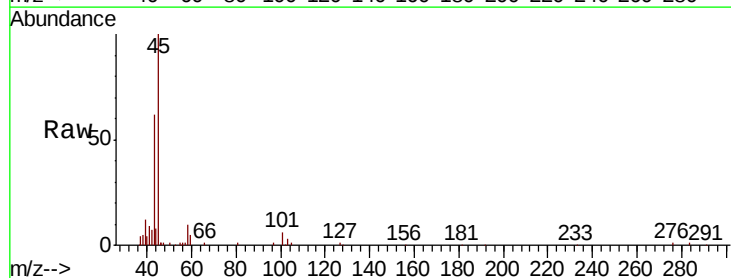
Tot Ion: 59 Resp: 8100
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

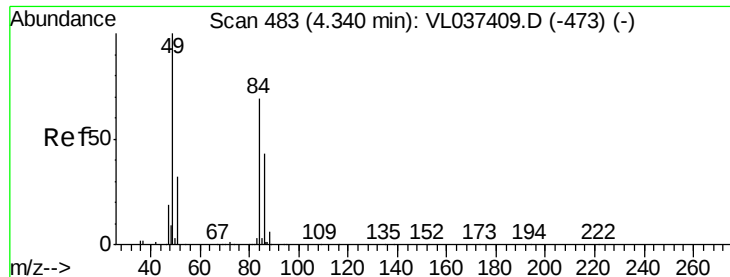


#19

Isopropyl Alcohol
Concen: 1.465 ppbv
RT: 3.98 min Scan# 370
Delta R.T. 0.01 min
Lab File: VL037428.D
Acq: 13 Aug 2021 00:42

Tgt Ion: 45 Resp: 111748
Ion Ratio Lower Upper
45 100
58 0.0 2.2 3.4#



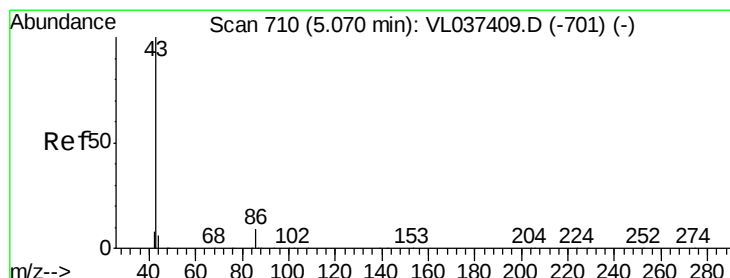
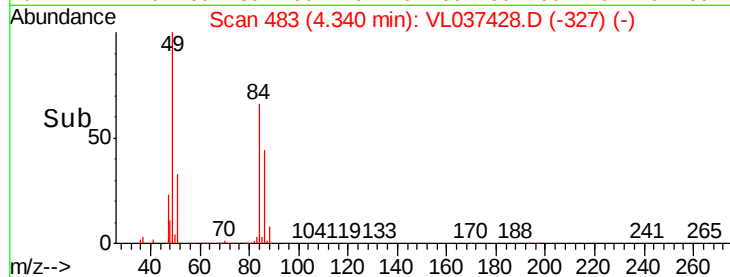
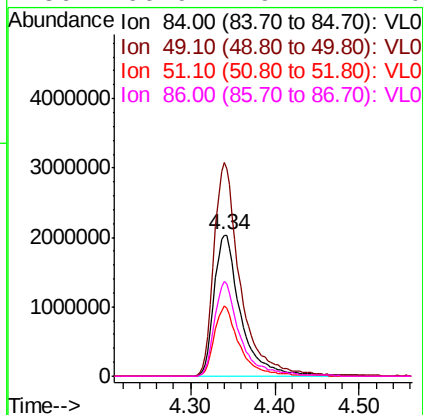
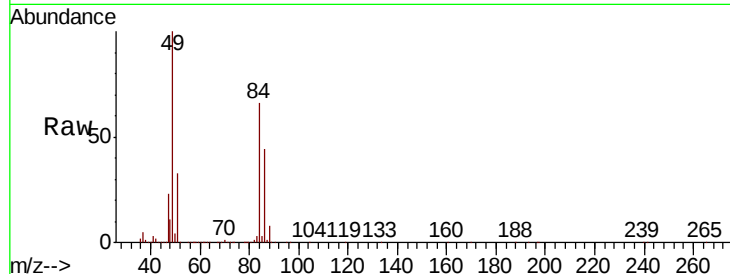


#20
Methvlene Chloride
Concen: 64.260 ppbv
RT: 4.34 min Scan# 483
Delta R.T. 0.00 min
Lab File: VL037428.D
Acq: 13 Aug 2021 00:42

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 84 Resp: 4452813

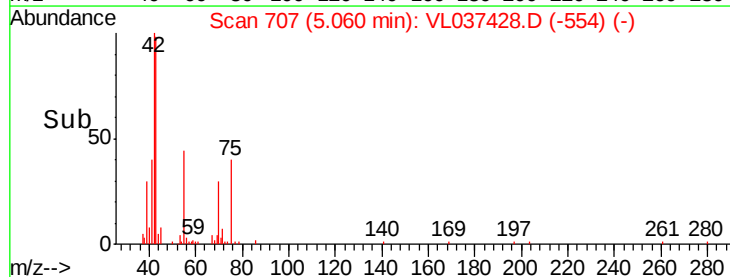
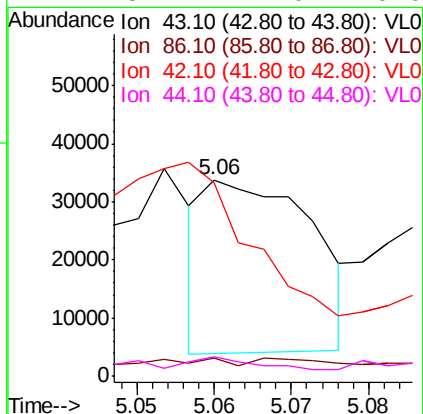
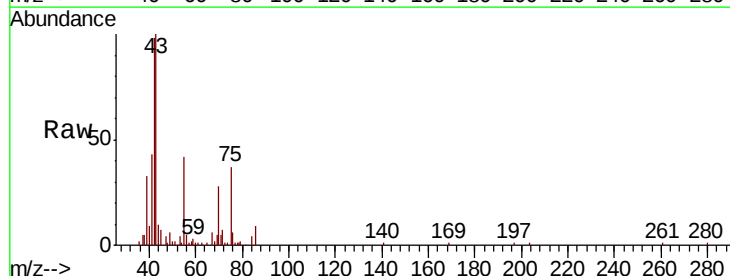
Ion	Ratio	Lower	Upper
84	100		
49	151.1	116.0	174.0
51	49.7	37.1	55.7
86	66.9	49.4	74.0

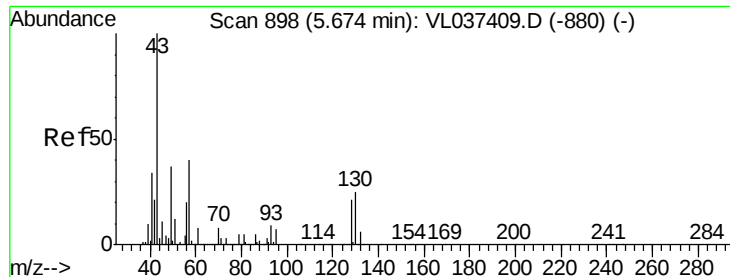


#23
Vinyl Acetate
Concen: 0.143 ppbv
RT: 5.06 min Scan# 707
Delta R.T. -0.01 min
Lab File: VL037428.D
Acq: 13 Aug 2021 00:42

Tgt Ion: 43 Resp: 28731

Ion	Ratio	Lower	Upper
43	100		
86	6.8	5.8	8.8
42	157.6	7.7	11.5#
44	32.7	4.0	6.0#

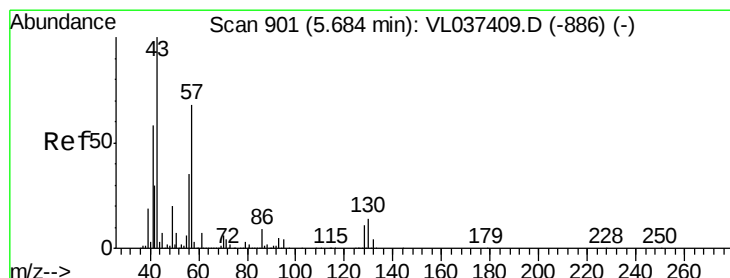
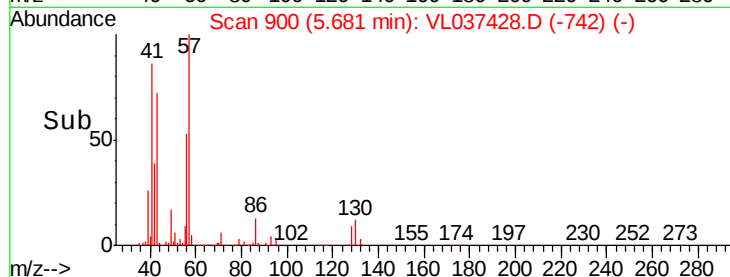
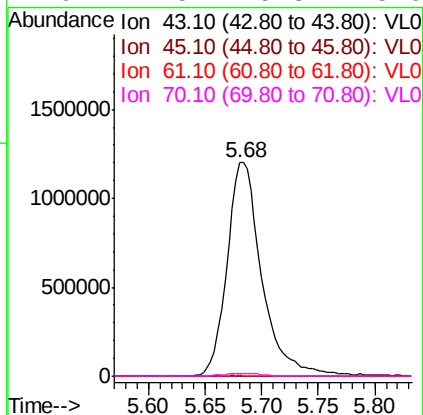
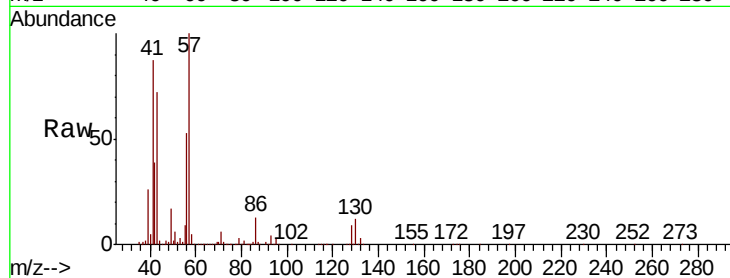




#25
Ethyl Acetate
Concen: 8.173 ppbv
RT: 5.68 min Scan# 900
Delta R.T. 0.01 min
Lab File: VL037428.D
Acq: 13 Aug 2021 00:42

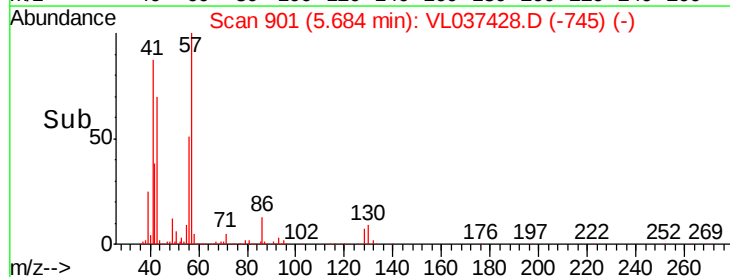
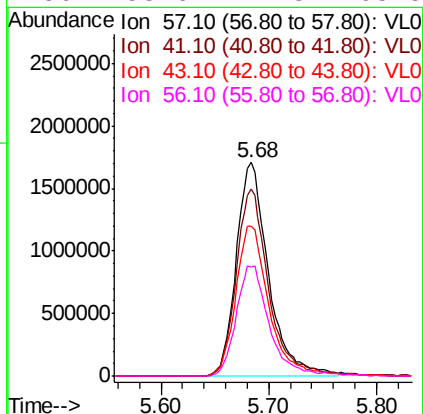
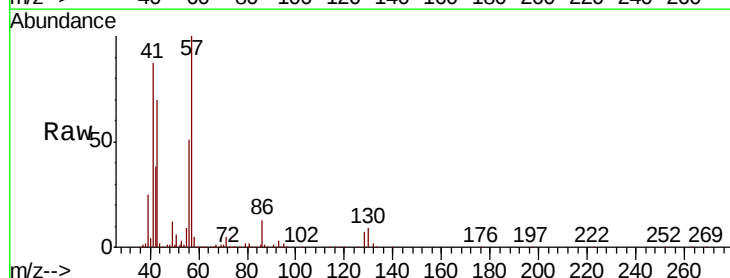
Instrument :
MSVOA_L
ClientSampleId :

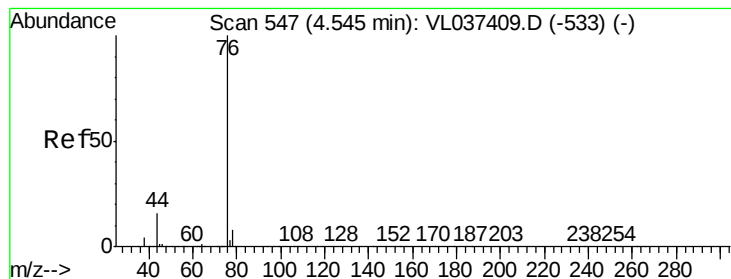
Tot Ion: 43 Resp: 2552483
Ion Ratio Lower Upper
43 100
45 0.4 7.9 11.9#
61 0.3 7.7 11.5#
70 1.5 5.8 8.6#



#26
Hexane
Concen: 22.008 ppbv
RT: 5.68 min Scan# 901
Delta R.T. 0.00 min
Lab File: VL037428.D
Acq: 13 Aug 2021 00:42

Tgt Ion: 57 Resp: 3547147
Ion Ratio Lower Upper
57 100
41 89.3 72.5 108.7
43 72.8 169.3 253.9#
56 53.6 42.3 63.5





#27

Carbon Disulfide

Concen: 0.107 ppbv

RT: 4.55 min Scan# 548

Delta R.T. 0.00 min

Lab File: VL037428.D

Acq: 13 Aug 2021 00:42

Instrument :

MSVOA_L

ClientSampleId :

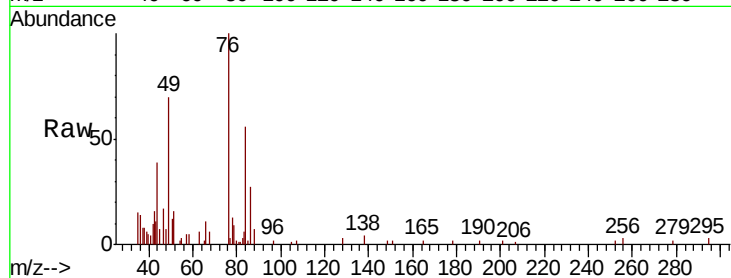
Tot Ion: 76 Resp: 14504

Ion Ratio Lower Upper

76 100

44 0.0 14.4 21.6#

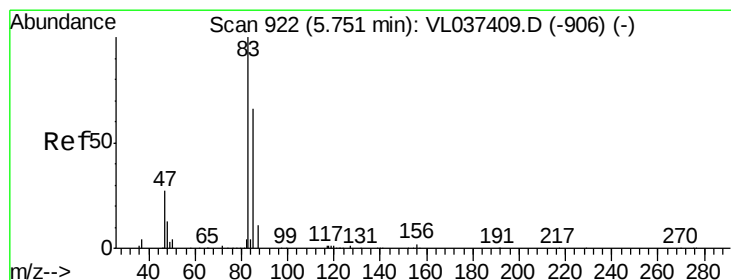
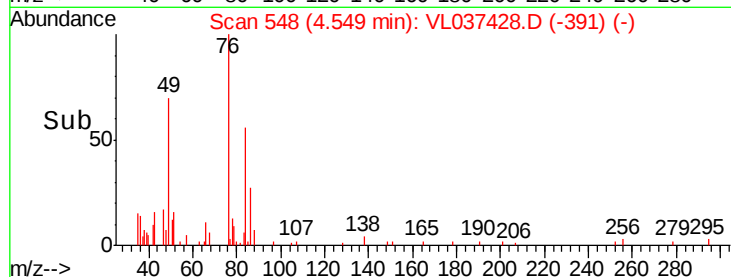
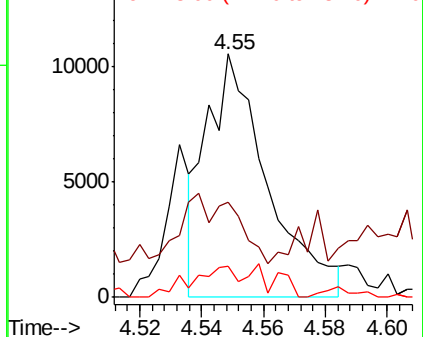
78 19.0 8.0 12.0#



Abundance Ion 76.00 (75.70 to 76.70): VL0

Ion 44.10 (43.80 to 44.80): VL0

Ion 78.00 (77.70 to 78.70): VL0



#29

Chloroform

Concen: 0.828 ppbv

RT: 5.75 min Scan# 922

Delta R.T. 0.00 min

Lab File: VL037428.D

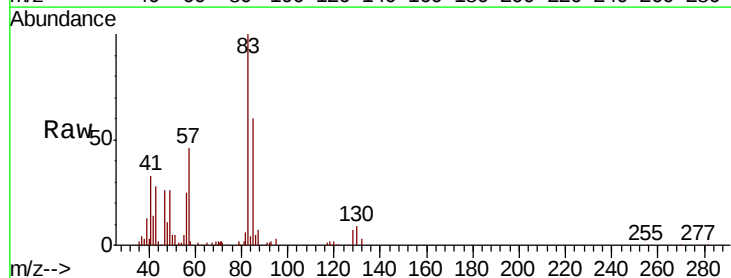
Acq: 13 Aug 2021 00:42

Tgt Ion: 83 Resp: 187865

Ion Ratio Lower Upper

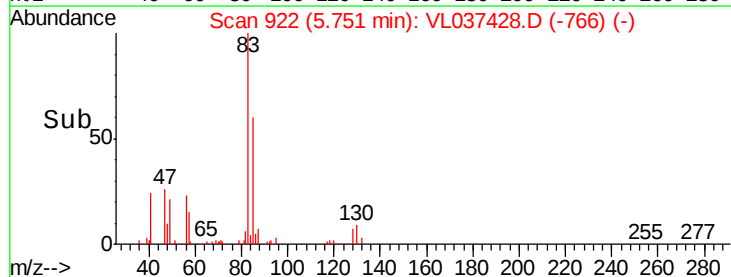
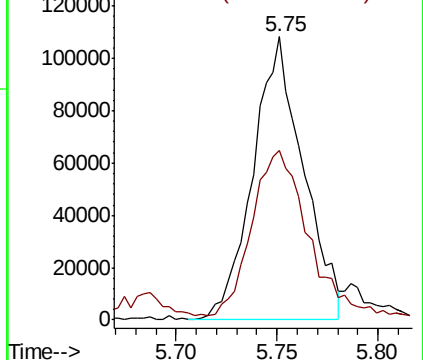
83 100

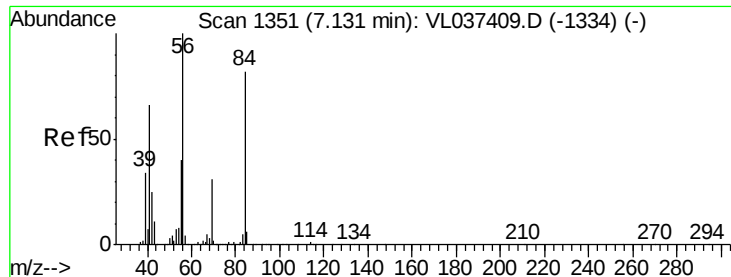
85 57.3 52.4 78.6



Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0

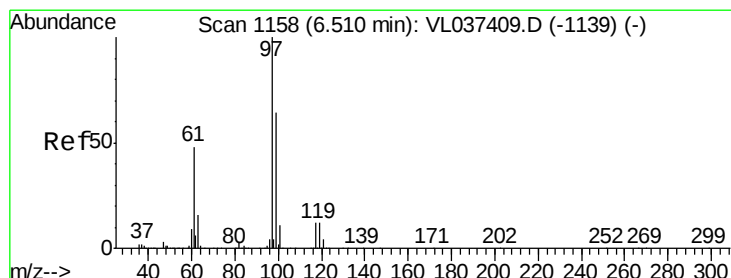
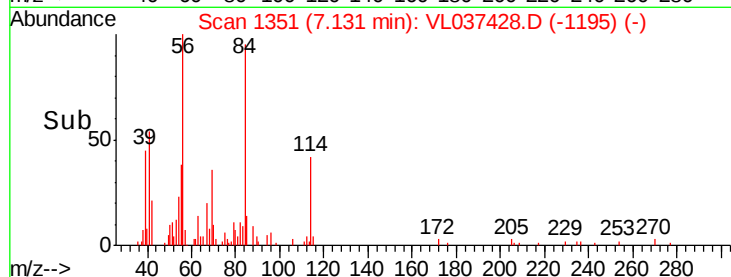
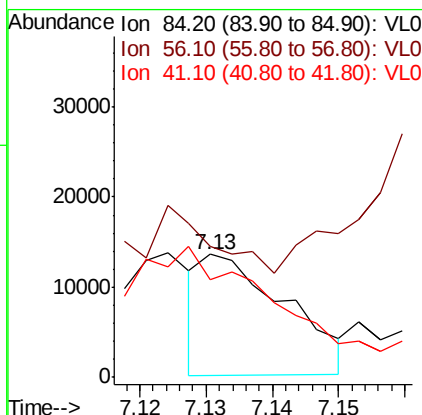
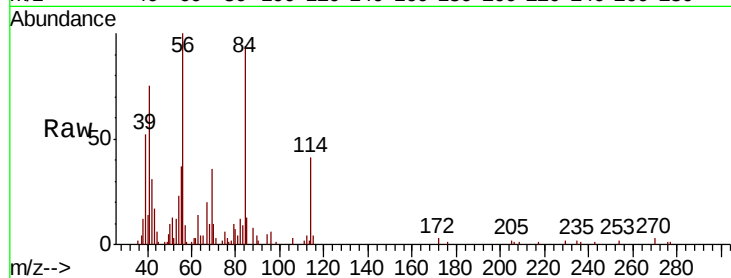




#30
Cvclohexane
Concen: 0.089 ppbv
RT: 7.13 min Scan# 1351
Delta R.T. 0.00 min
Lab File: VL037428.D
Acq: 13 Aug 2021 00:42

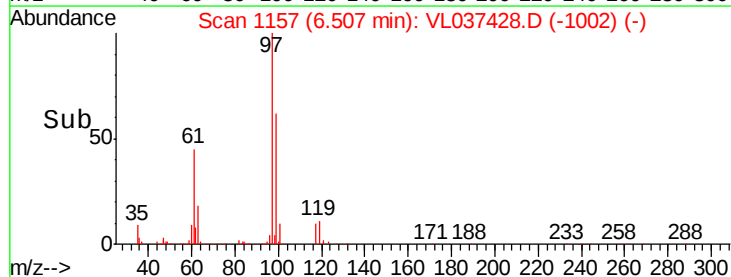
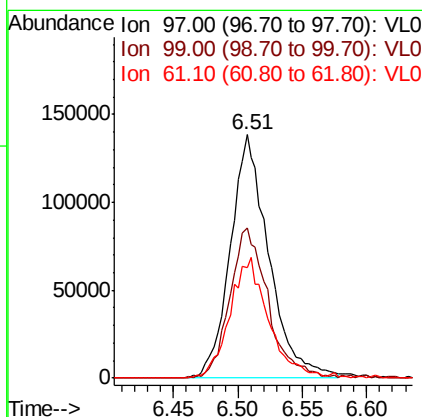
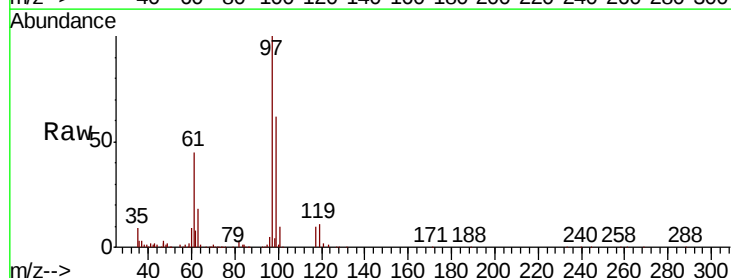
Instrument :
MSVOA_L
ClientSampled :

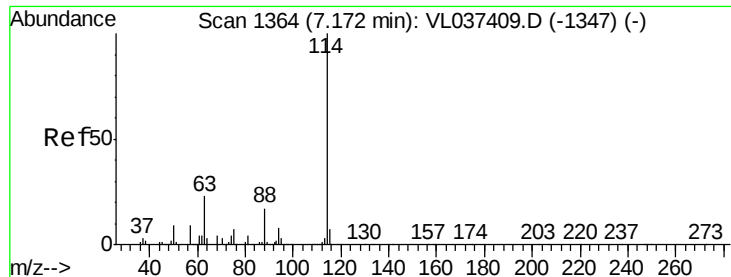
Tot Ion: 84 Resp: 11858
Ion Ratio Lower Upper
84 100
56 0.0 109.6 164.4#
41 268.9 66.6 99.8#



#32
1,1,1-Trichloroethane
Concen: 1.255 ppbv
RT: 6.51 min Scan# 1157
Delta R.T. -0.00 min
Lab File: VL037428.D
Acq: 13 Aug 2021 00:42

Tgt Ion: 97 Resp: 287395
Ion Ratio Lower Upper
97 100
99 61.4 52.3 78.5
61 49.9 40.1 60.1

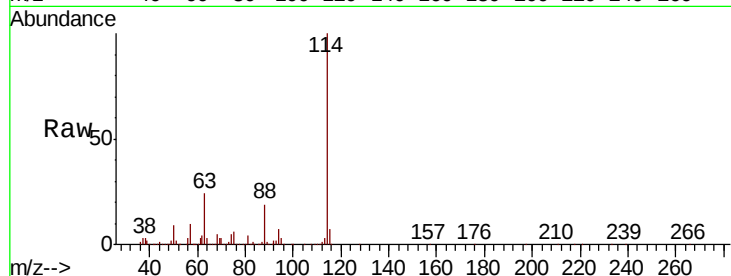




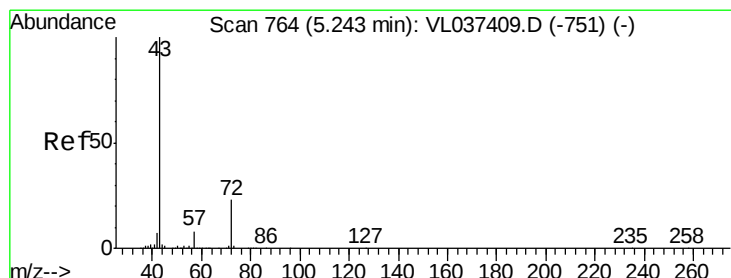
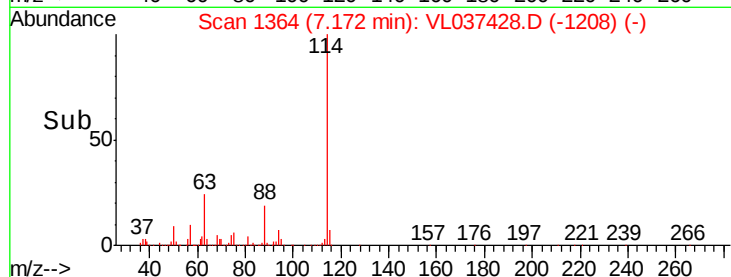
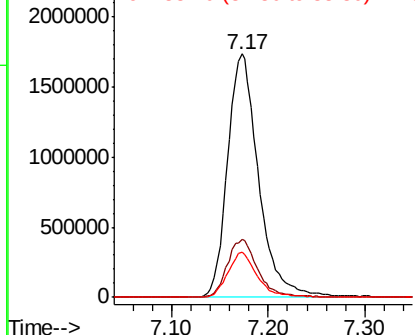
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: VL037428.D
 Acq: 13 Aug 2021 00:42

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion:114 Resp: 3872676
 Ion Ratio Lower Upper
 114 100
 63 23.8 19.4 29.2
 88 17.9 14.2 21.4

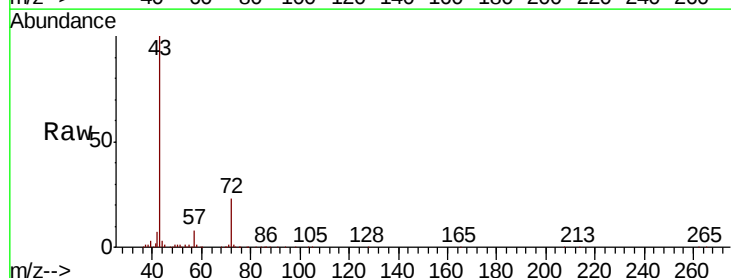


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

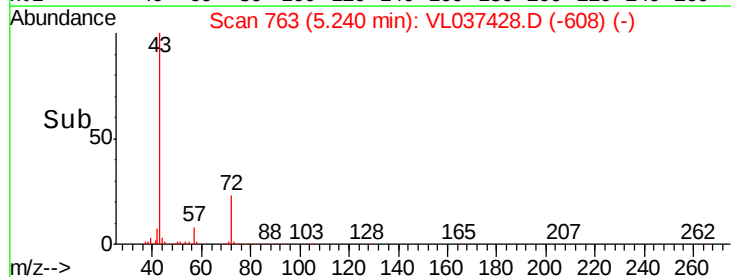
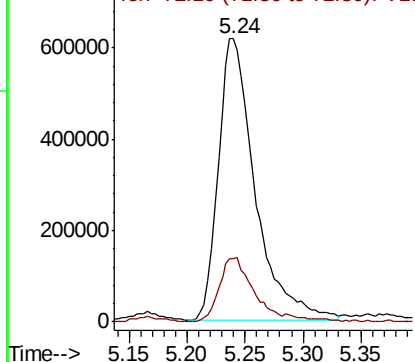


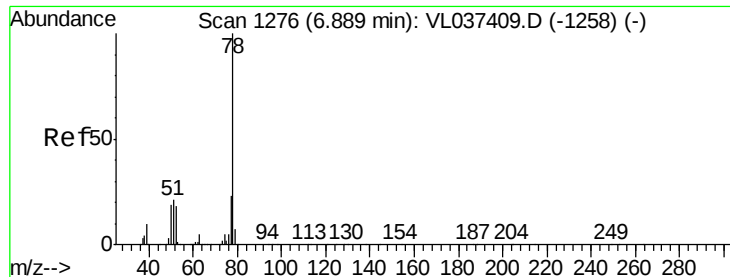
#34
 2-Butanone
 Concen: 8.554 ppbv
 RT: 5.24 min Scan# 763
 Delta R.T. -0.00 min
 Lab File: VL037428.D
 Acq: 13 Aug 2021 00:42

Tgt Ion: 43 Resp: 1367685
 Ion Ratio Lower Upper
 43 100
 72 22.5 17.7 26.5



Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 72.10 (71.80 to 72.80): VL0





#36

Benzene

Concen: 0.244 ppbv

RT: 6.89 min Scan# 1275

Delta R.T. -0.00 min

Lab File: VL037428.D

Acq: 13 Aug 2021 00:42

Instrument :

MSVOA_L

ClientSampled :

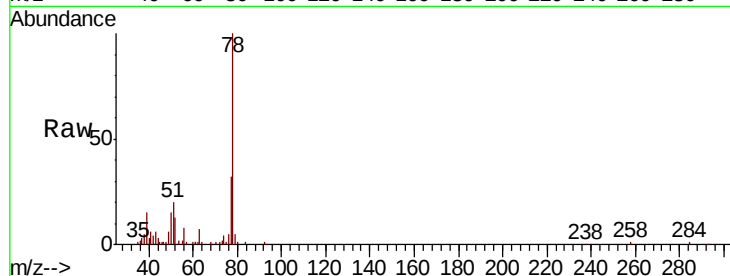
Tot Ion: 78 Resp: 79677

Ion Ratio Lower Upper

78 100

77 30.7 18.6 27.8#

50 13.3 14.9 22.3#

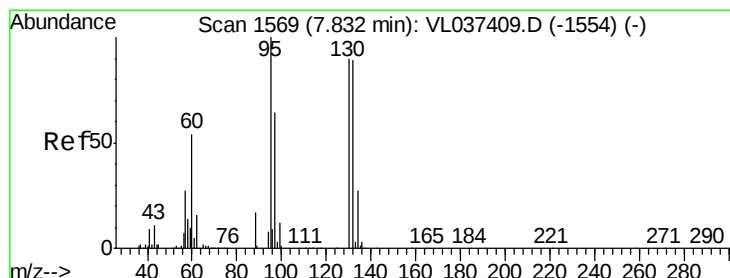
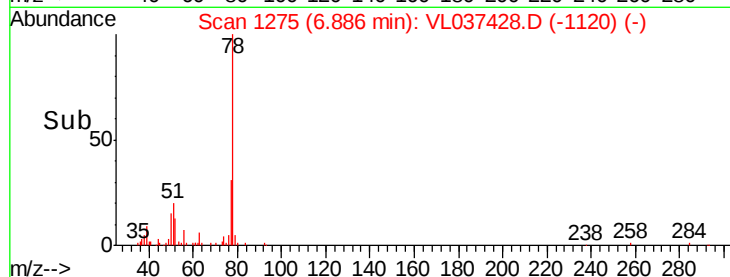
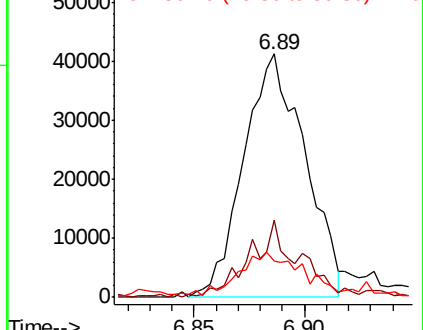


Abundance

Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0



#38

Trichloroethene

Concen: 2.465 ppbv

RT: 7.83 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VL037428.D

Acq: 13 Aug 2021 00:42

Tgt Ion: 130 Resp: 355344

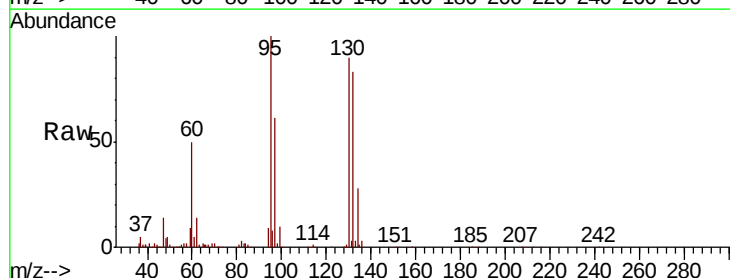
Ion Ratio Lower Upper

130 100

95 110.6 88.6 132.8

132 92.1 79.2 118.8

97 68.0 56.9 85.3



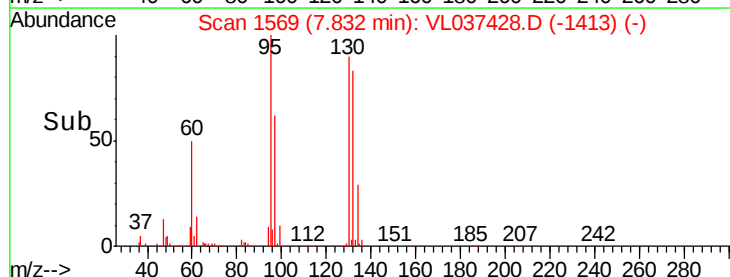
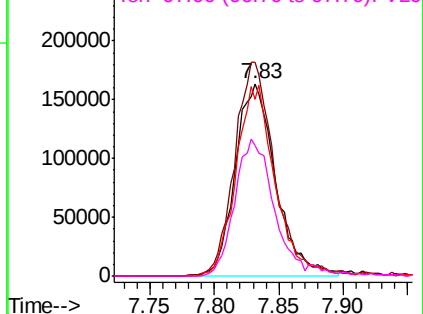
Abundance

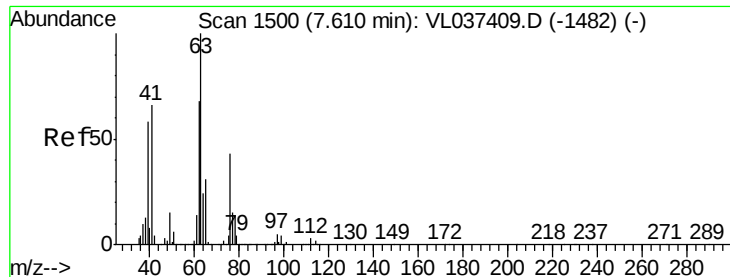
Ion 130.00 (129.70 to 130.70): VL0

Ion 95.00 (94.70 to 95.70): VL0

Ion 132.00 (131.70 to 132.70): VL0

Ion 97.00 (96.70 to 97.70): VL0

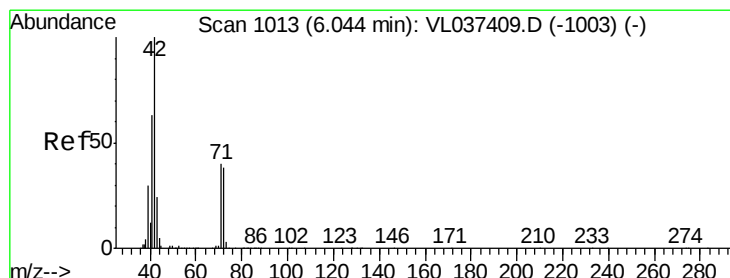
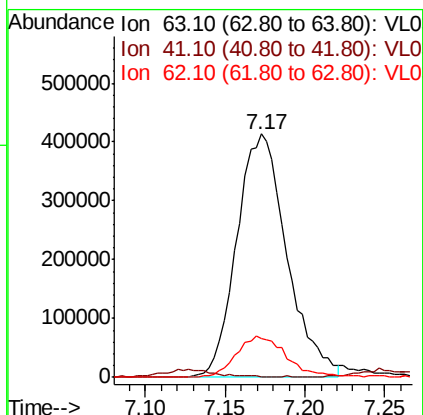
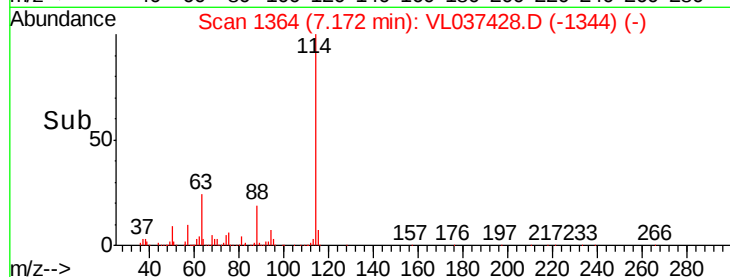
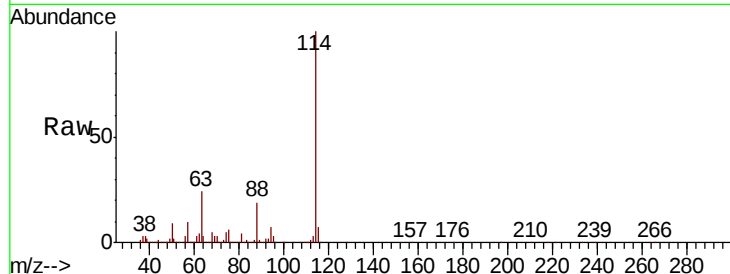




#39
 1,2-Dichloropropane
 Concen: 7.100 ppbv
 RT: 7.17 min Scan# 1364
 Delta R.T. -0.44 min
 Lab File: VL037428.D
 Acq: 13 Aug 2021 00:42

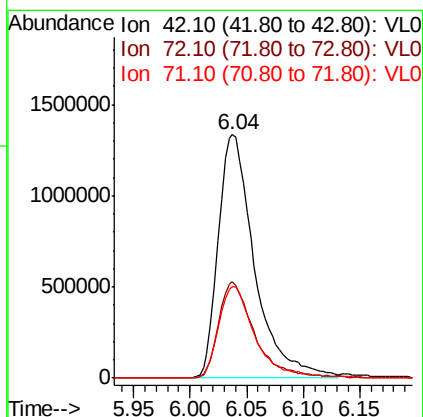
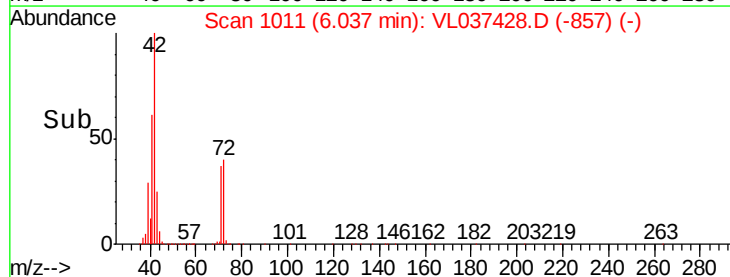
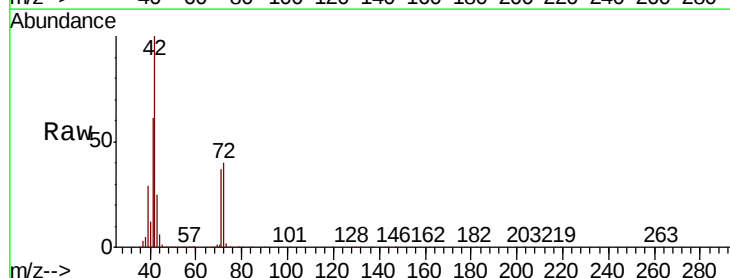
Instrument :
 MSVOA_L
 ClientSampled :

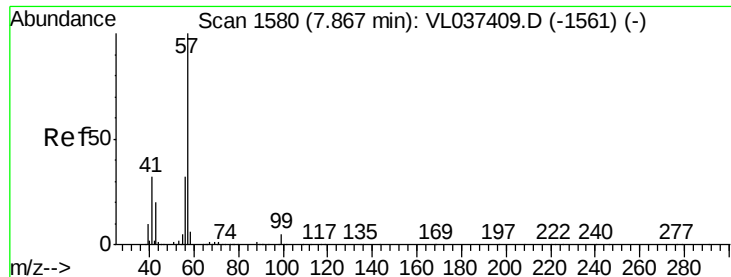
Tot Ion	Ratio	Lower	Upper
63	100		
41	0.0	53.0	79.6#
62	16.0	54.5	81.7#



#41
 Tetrahydrofuran
 Concen: 40.641 ppbv
 RT: 6.04 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: VL037428.D
 Acq: 13 Aug 2021 00:42

Tgt Ion	Ratio	Lower	Upper
42	100		
72	39.7	33.5	50.3
71	38.2	32.6	48.8

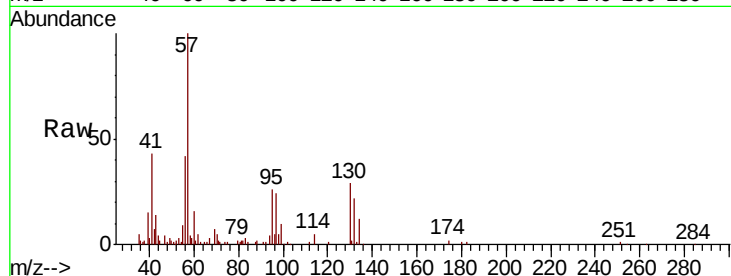




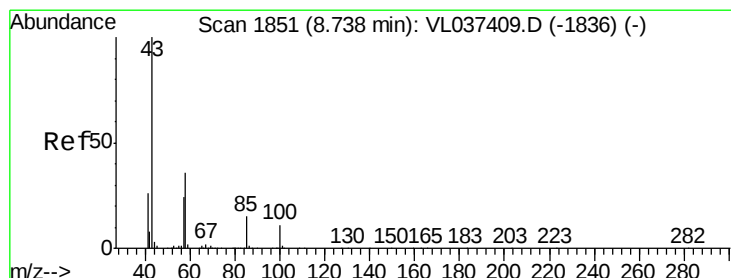
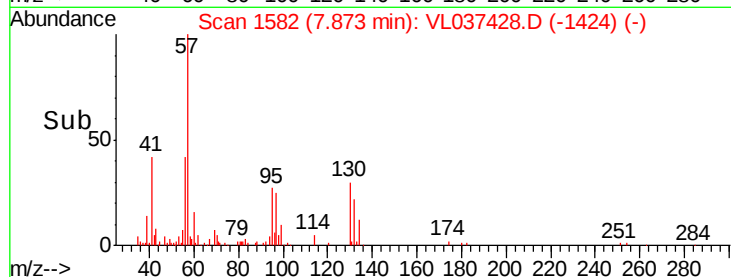
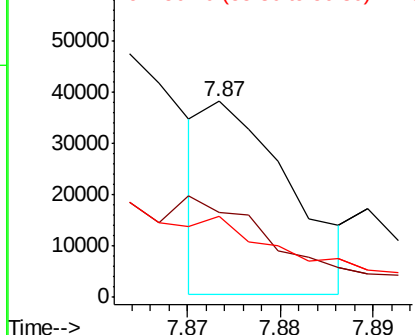
#44
 2,2,4-Trimethylpentane
 Concen: 0.044 ppbv
 RT: 7.87 min Scan# 1582
 Delta R.T. 0.01 min
 Lab File: VL037428.D
 Acq: 13 Aug 2021 00:42

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion: 57 Resp: 24012
 Ion Ratio Lower Upper
 57 100
 41 194.8 26.4 39.6#
 56 0.0 25.0 37.4#

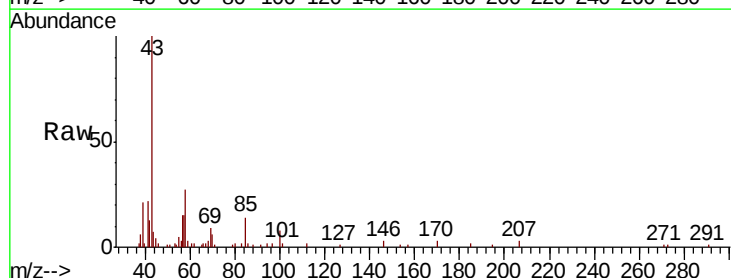


Abundance Ion 57.10 (56.80 to 57.80): VL0
 Ion 41.10 (40.80 to 41.80): VL0
 Ion 56.10 (55.80 to 56.80): VL0

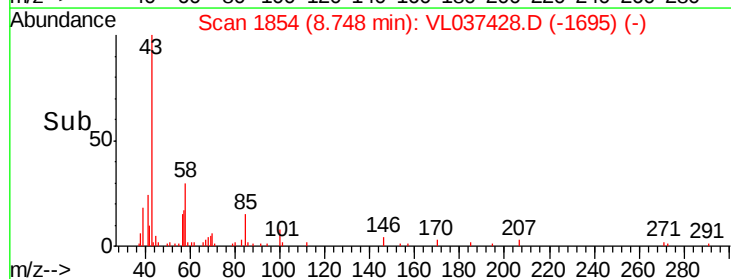
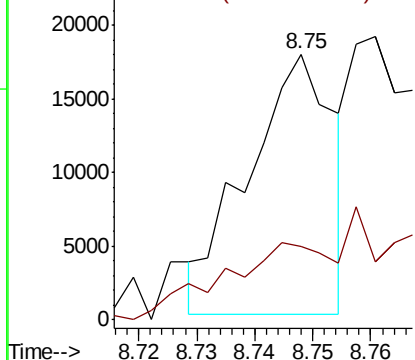


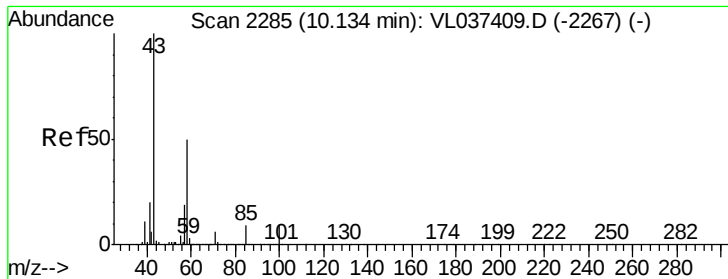
#50
 4-Methyl-2-Pentanone
 Concen: 0.090 ppbv
 RT: 8.75 min Scan# 1854
 Delta R.T. 0.01 min
 Lab File: VL037428.D
 Acq: 13 Aug 2021 00:42

Tgt Ion: 43 Resp: 18031
 Ion Ratio Lower Upper
 43 100
 58 0.0 29.9 44.9#



Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 58.10 (57.80 to 58.80): VL0

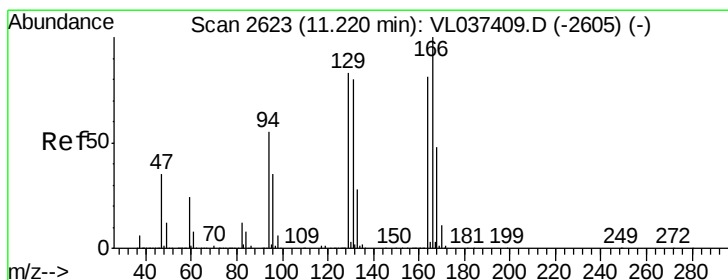
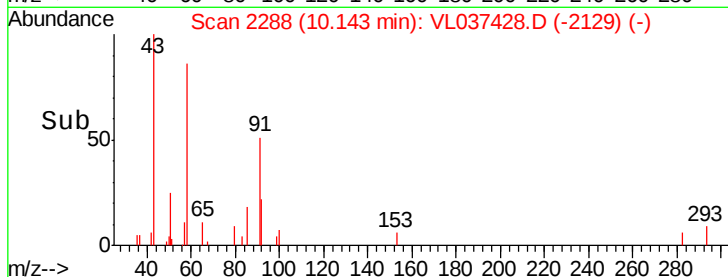
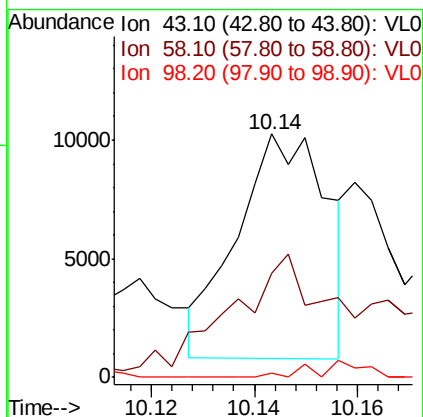
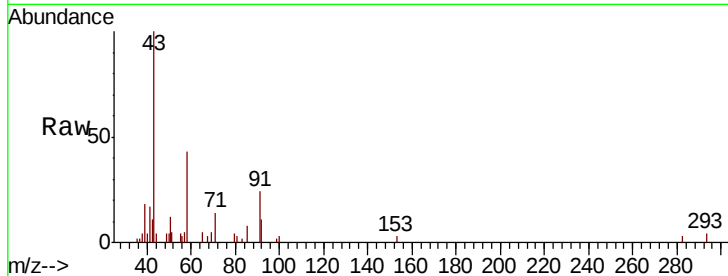




#51
2-Hexanone
Concen: 0.122 ppbv
RT: 10.14 min Scan# 2288
Delta R.T. 0.01 min
Lab File: VL037428.D
Acq: 13 Aug 2021 00:42

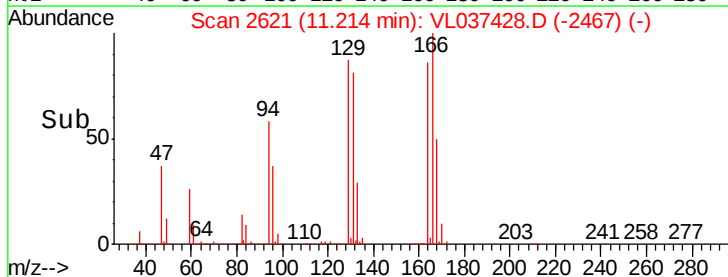
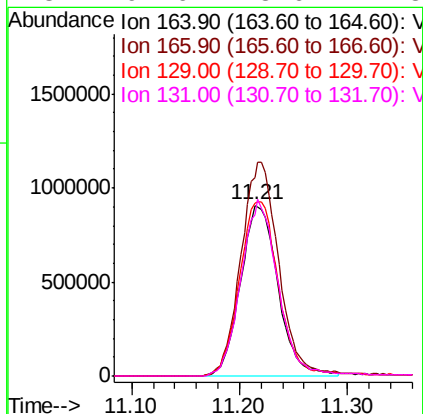
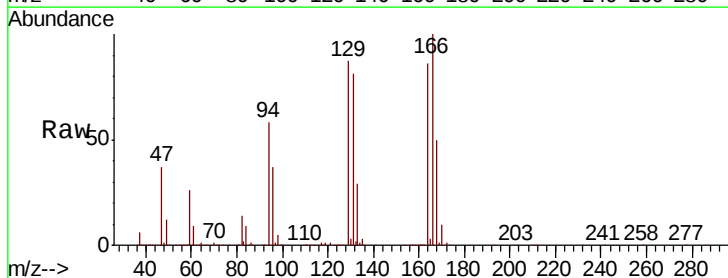
Instrument :
MSVOA_L
ClientSampled :

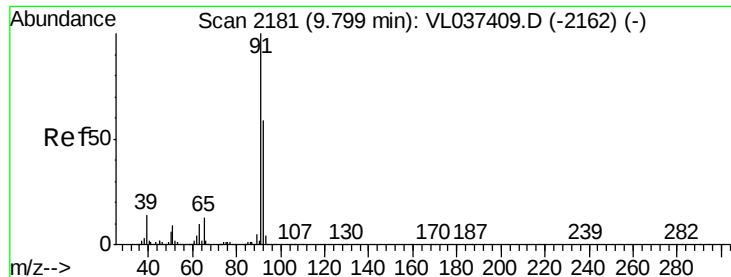
Tot Ion: 43 Resp: 11502
Ion Ratio Lower Upper
43 100
58 105.1 39.9 59.9#
98 0.0 0.2 0.2#



#52
Tetrachloroethene
Concen: 15.936 ppbv
RT: 11.21 min Scan# 2621
Delta R.T. -0.01 min
Lab File: VL037428.D
Acq: 13 Aug 2021 00:42

Tgt Ion: 164 Resp: 2192328
Ion Ratio Lower Upper
164 100
166 116.4 98.6 147.8
129 101.1 82.0 123.0
131 94.6 78.6 117.8





#53

Toluene

Concen: 6.806 ppbv

RT: 9.80 min Scan# 2182

Delta R.T. 0.00 min

Lab File: VL037428.D

Acq: 13 Aug 2021 00:42

Instrument :

MSVOA_L

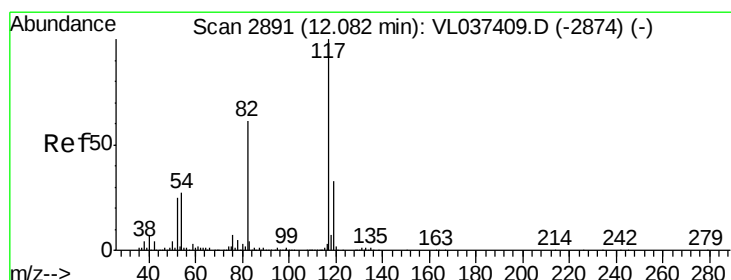
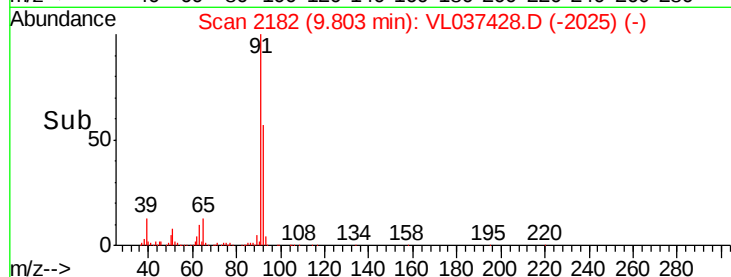
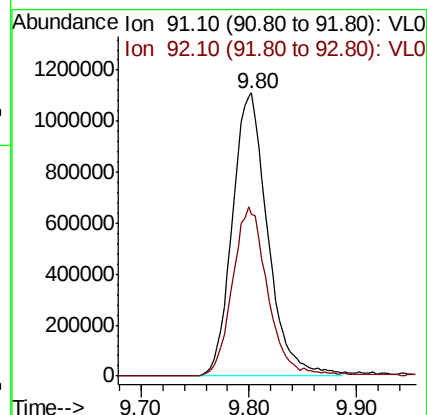
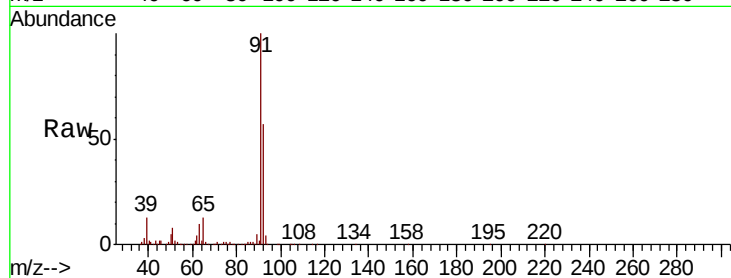
ClientSampleId :

Tot Ion: 91 Resp: 2537365

Ion Ratio Lower Upper

91 100

92 60.3 49.0 73.6



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.08 min Scan# 2890

Delta R.T. -0.00 min

Lab File: VL037428.D

Acq: 13 Aug 2021 00:42

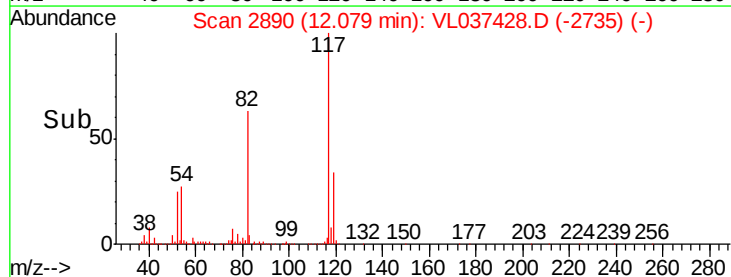
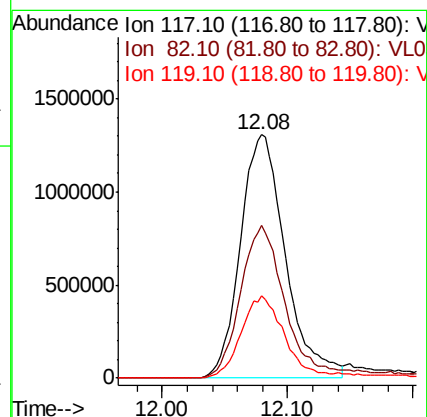
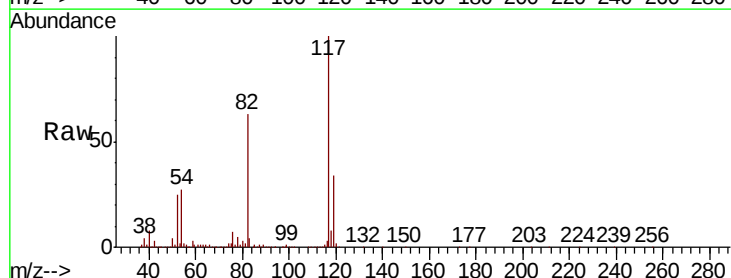
Tgt Ion: 117 Resp: 3255246

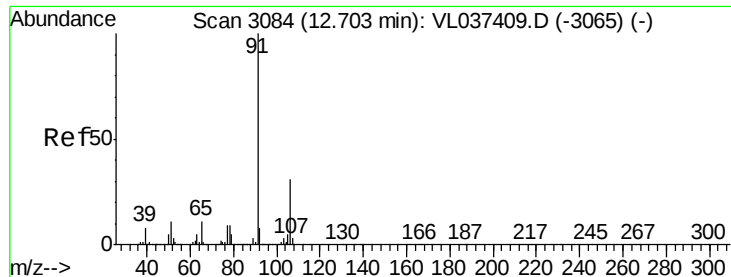
Ion Ratio Lower Upper

117 100

82 66.9 53.1 79.7

119 35.3 28.0 42.0





#58

Ethyl Benzene

Concen: 0.156 ppbv

RT: 12.71 min Scan# 3085

Delta R.T. 0.00 min

Lab File: VL037428.D

Acq: 13 Aug 2021 00:42

Instrument :

MSVOA_L

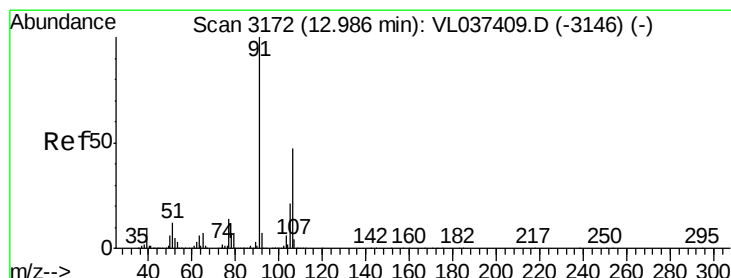
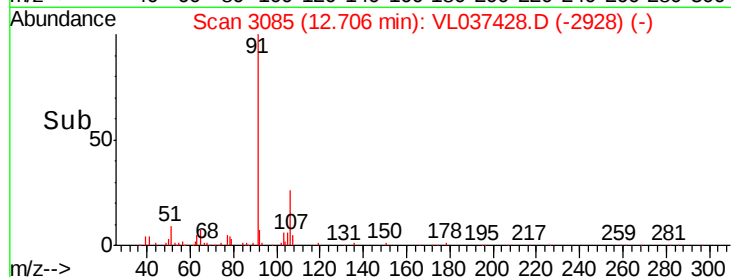
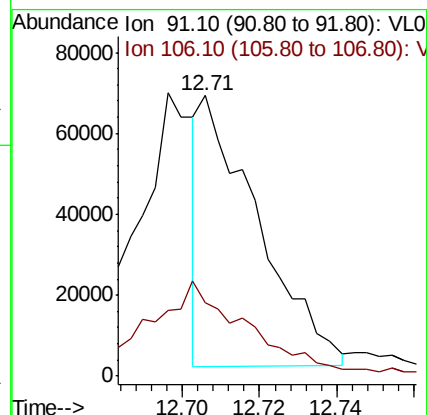
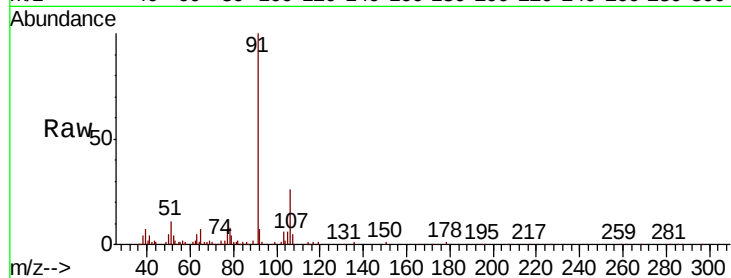
ClientSampleId :

Tot Ion: 91 Resp: 69005

Ion Ratio Lower Upper

91 100

106 25.6 24.7 37.1



#59

m/p-Xylene

Concen: 1.133 ppbv

RT: 12.96 min Scan# 3163

Delta R.T. -0.03 min

Lab File: VL037428.D

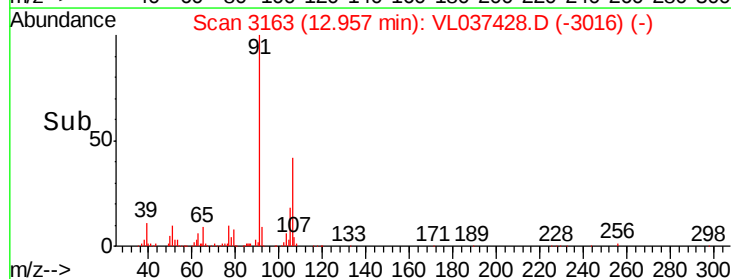
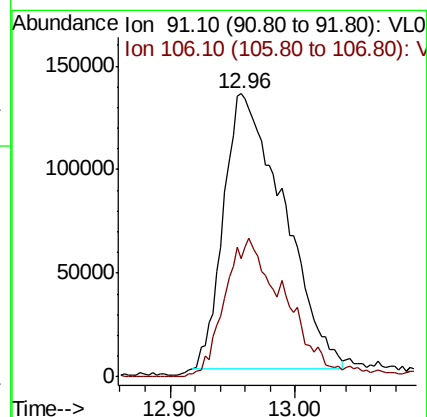
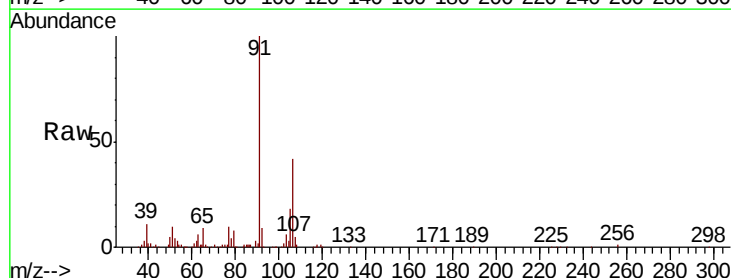
Acq: 13 Aug 2021 00:42

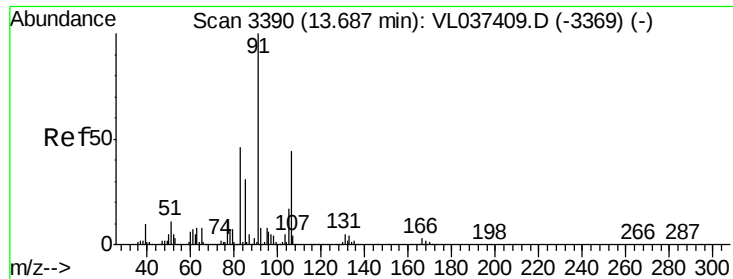
Tgt Ion: 91 Resp: 439406

Ion Ratio Lower Upper

91 100

106 52.6 36.6 54.8

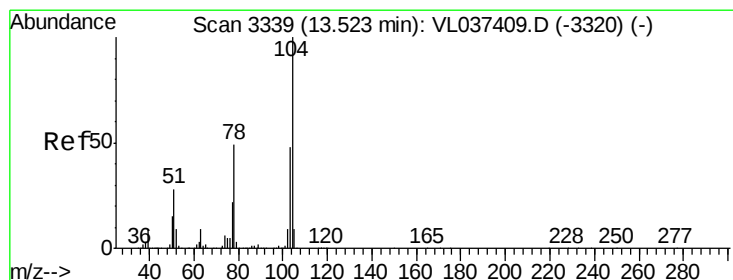
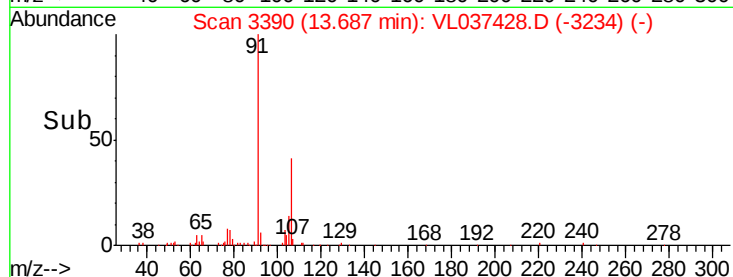
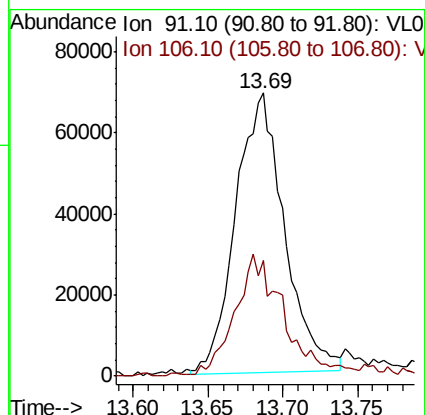
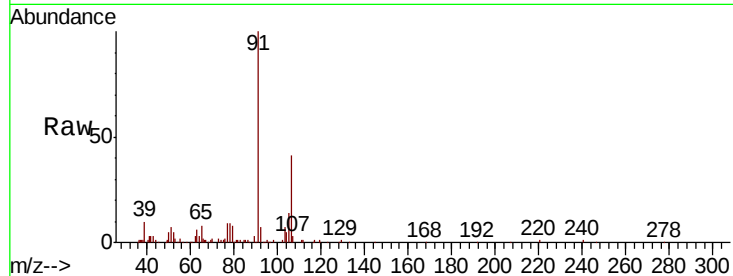




#60
o-Xylene
Concen: 0.434 ppbv
RT: 13.69 min Scan# 3390
Delta R.T. 0.00 min
Lab File: VL037428.D
Acq: 13 Aug 2021 00:42

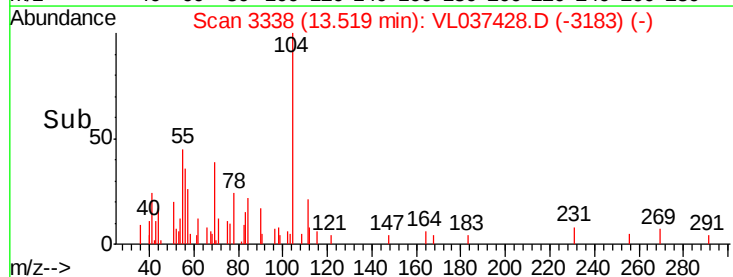
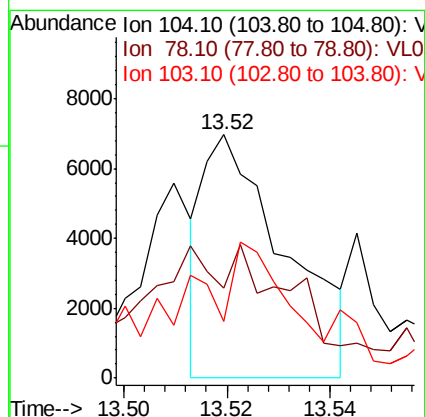
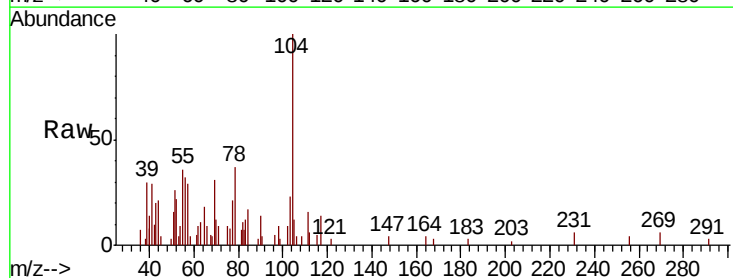
Instrument :
MSVOA_L
ClientSampleId :

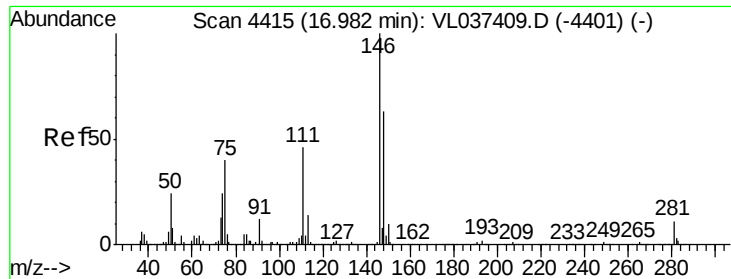
Tot Ion: 91 Resp: 156410
Ion Ratio Lower Upper
91 100
106 44.4 24.1 72.2



#61
Styrene
Concen: 0.042 ppbv
RT: 13.52 min Scan# 3338
Delta R.T. -0.00 min
Lab File: VL037428.D
Acq: 13 Aug 2021 00:42

Tgt Ion: 104 Resp: 7724
Ion Ratio Lower Upper
104 100
78 118.7 41.5 62.3#
103 100.3 40.2 60.2#

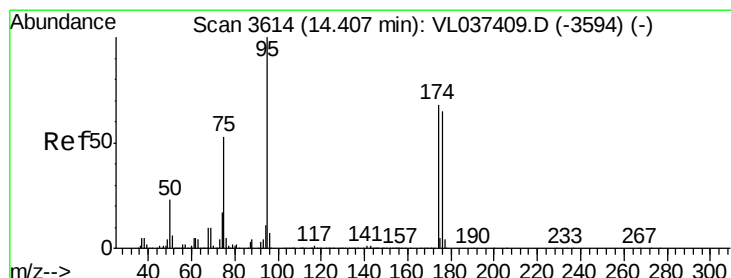
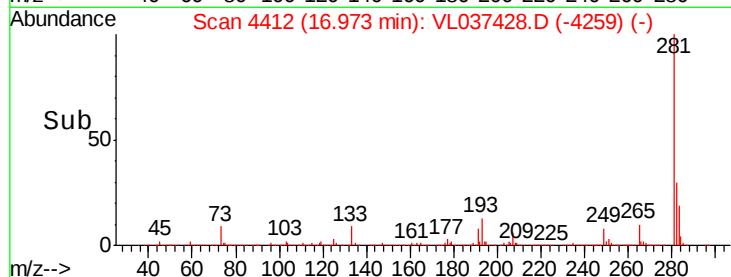
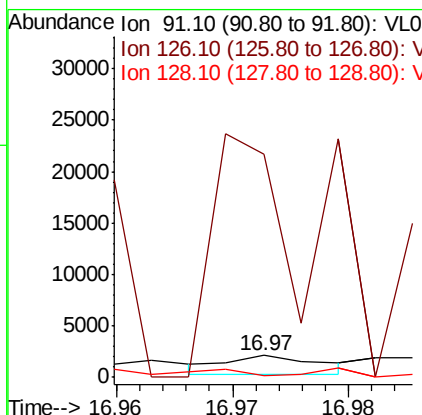
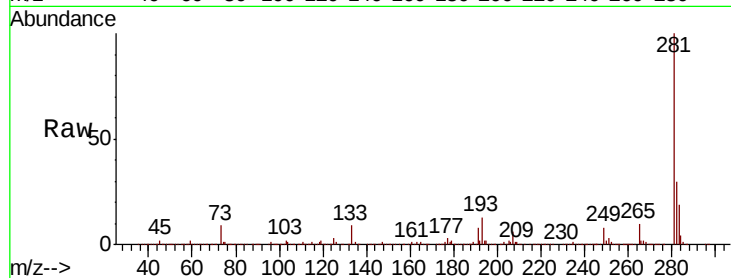




#66
Benzyl Chloride
Concen: 0.046 ppbv
RT: 16.97 min Scan# 4412
Delta R.T. -0.01 min
Lab File: VL037428.D
Acq: 13 Aug 2021 00:42

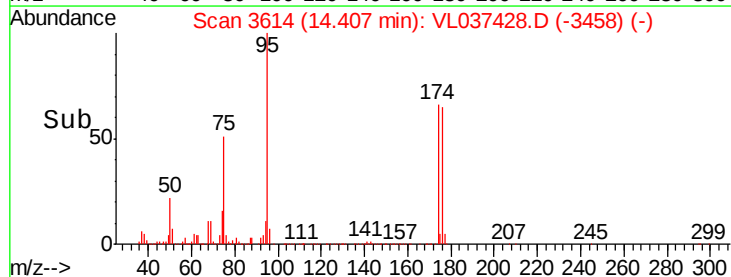
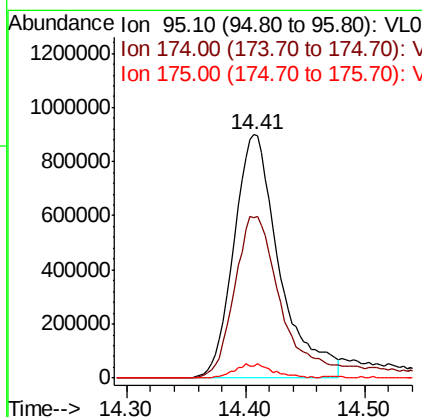
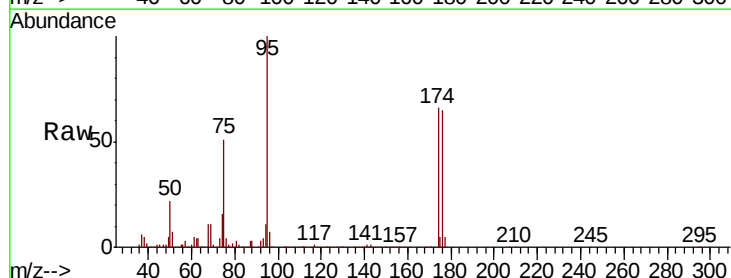
Instrument :
MSVOA_L
ClientSampleId :

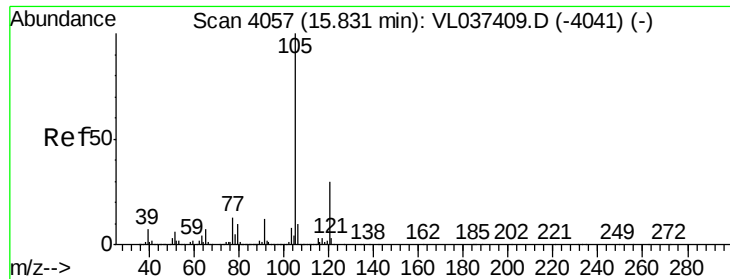
Tot Ion: 91 Resp: 982
Ion Ratio Lower Upper
91 100
126 3590.0 14.3 21.5#
128 0.0 4.6 7.0#



#68
1-Bromo-4-Fluorobenzene
Concen: 10.160 ppbv
RT: 14.41 min Scan# 3614
Delta R.T. 0.00 min
Lab File: VL037428.D
Acq: 13 Aug 2021 00:42

Tgt Ion: 95 Resp: 2372416
Ion Ratio Lower Upper
95 100
174 75.6 59.6 89.4
175 5.1 4.3 6.5





#72

4-Ethyltoluene

Concen: 0.040 ppbv

RT: 15.83 min Scan# 4057

Delta R.T. 0.00 min

Lab File: VL037428.D

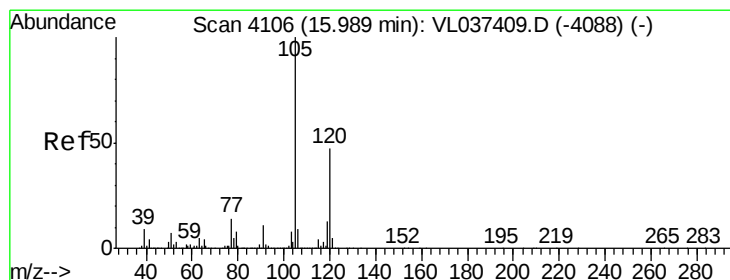
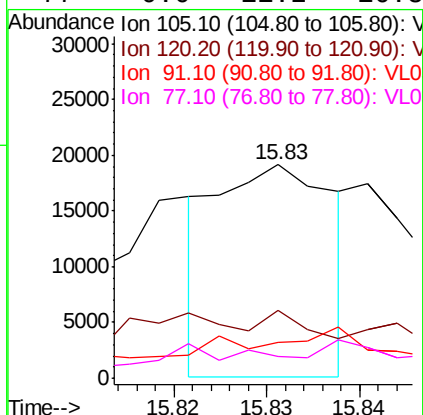
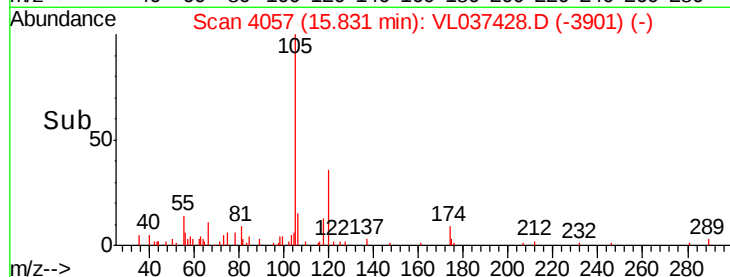
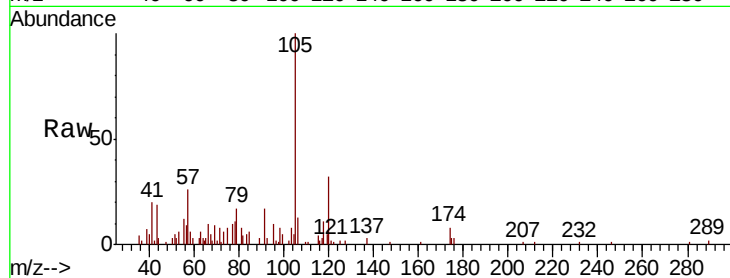
Acq: 13 Aug 2021 00:42

Instrument :

MSVOA_L

ClientSampled :

Tot Ion:	105	Resp:	16734
Ion	Ratio	Lower	Upper
105	100		
120	94.0	25.0	37.4#
91	0.0	11.2	16.8#
77	0.0	11.2	16.8#



#73

1,3,5-Trimethylbenzene

Concen: 0.039 ppbv

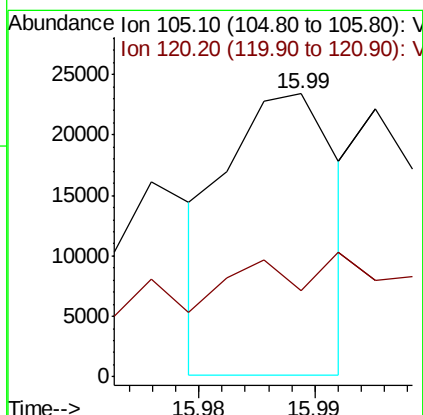
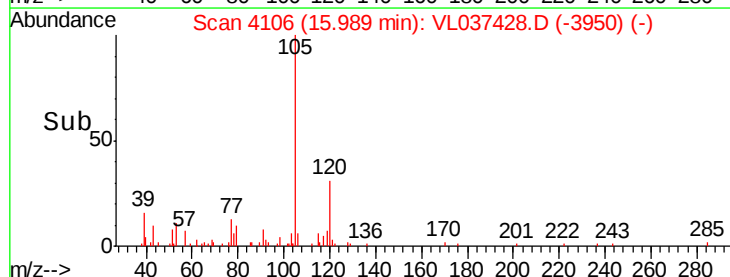
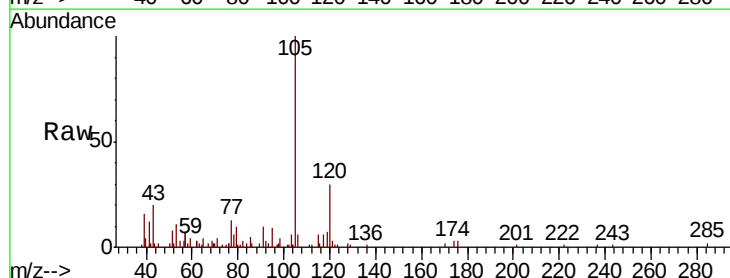
RT: 15.99 min Scan# 4106

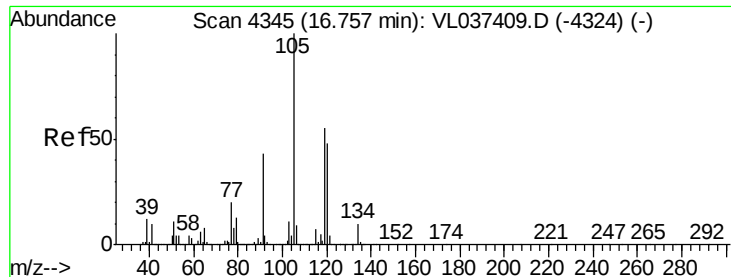
Delta R.T. 0.00 min

Lab File: VL037428.D

Acq: 13 Aug 2021 00:42

Tgt Ion:	105	Resp:	15489
Ion	Ratio	Lower	Upper
105	100		
120	19.5	37.4	56.0#





#74

1,2,4-Trimethylbenzene

Concen: 0.296 ppbv

RT: 16.75 min Scan# 4343

Delta R.T. -0.01 min

Lab File: VL037428.D

Acq: 13 Aug 2021 00:42

Instrument :

MSVOA_L

ClientSampled :

Tot Ion:105 Resp: 119972

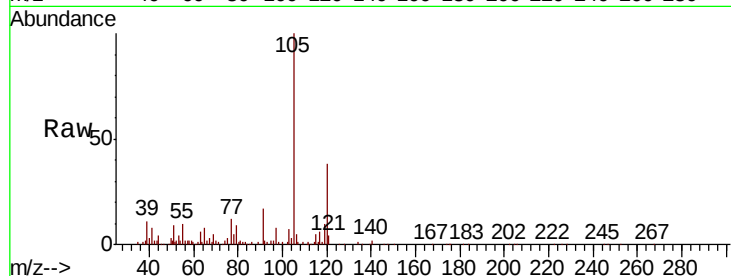
Ion Ratio Lower Upper

105 100

120 38.1 38.2 57.2#

91 15.7 35.4 53.2#

77 10.3 16.2 24.2#

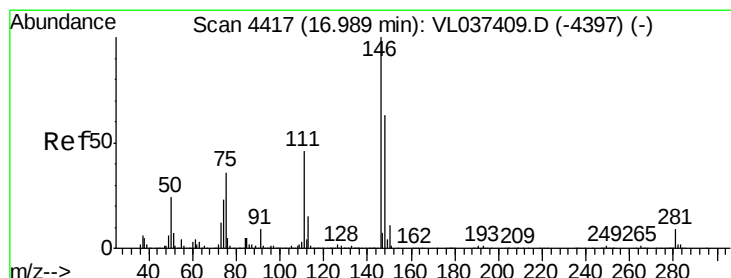
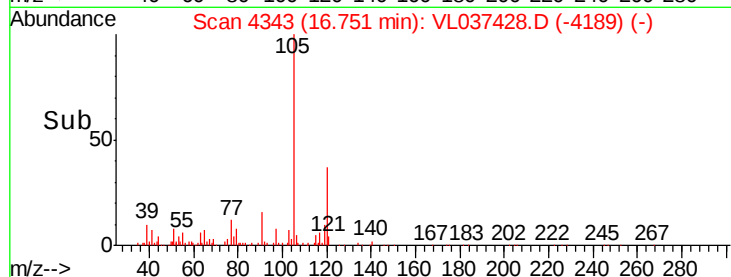
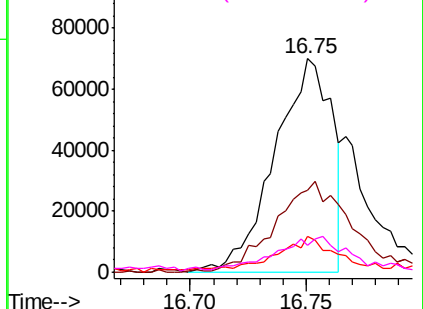


Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0



#75

1,3-Dichlorobenzene

Concen: 0.070 ppbv

RT: 16.99 min Scan# 4417

Delta R.T. 0.00 min

Lab File: VL037428.D

Acq: 13 Aug 2021 00:42

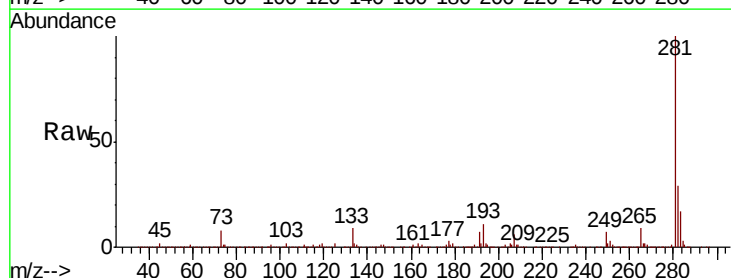
Tgt Ion:146 Resp: 17229

Ion Ratio Lower Upper

146 100

111 0.0 22.9 68.7#

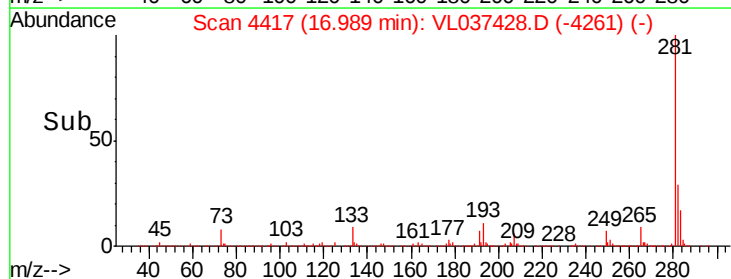
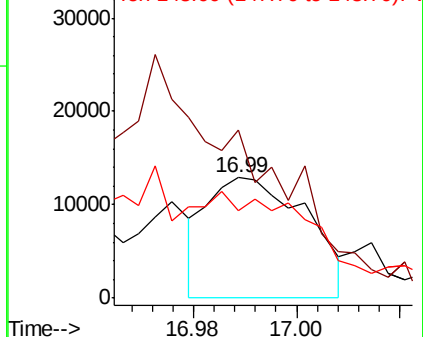
148 0.0 32.0 96.2#

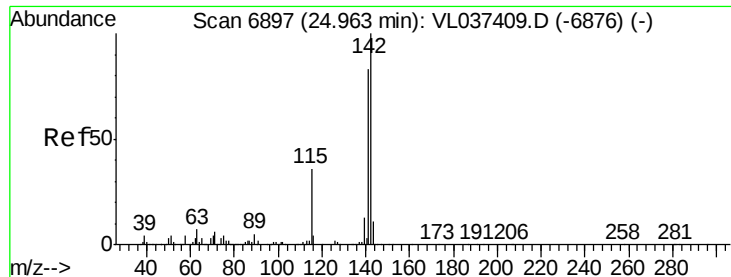


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V

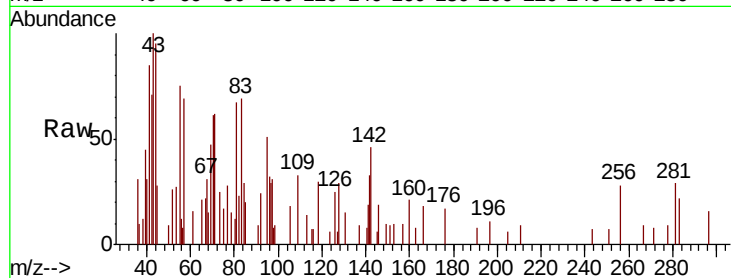




#80
 Naphthalene, 2-methyl-
 Concen: 0.036 ppbv
 RT: 24.96 min Scan# 6897
 Delta R.T. 0.00 min
 Lab File: VL037428.D
 Acq: 13 Aug 2021 00:42

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	21.2	68.7	103.1#
115	73.4	32.7	49.1#



Abundance

Ion 142.00 (141.70 to 142.70): V

Ion 141.00 (140.70 to 141.70): V

Ion 115.00 (114.70 to 115.70): V

