

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040722\
 Data File : VL038850.D
 Acq On : 7 Apr 2022 20:52
 Operator : SY/AP
 Sample : N2273-04
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 1160-1-SG-1

Quant Time: Apr 11 05:15:25 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL040522AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Apr 06 06:12:53 2022
 QLast Update : Wed Apr 06 06:12:53 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.71	49	1293301	10.00	ppbv	0.04
33) 1,4-Difluorobenzene	7.21	114	3097660	10.00	ppbv	0.04
55) Chlorobenzene-d5	12.12	117	2720001	10.00	ppbv	0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	2194870	10.64	ppbv	0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.08	85	64731	0.353 ppbv	94
3) Chlorodifluoromethane	3.01	51	82804	0.525 ppbv #	85
4) Chloromethane	3.17	50	56380	0.690 ppbv	97
9) Propene	3.23	41	467036	5.593 ppbv	98
10) Heptane	8.15	43	712784	3.389 ppbv	97
11) Trichlorofluoromethane	3.98	101	43671	0.296 ppbv	95
13) Ethanol	3.63	45	1148718	226.353 ppbv #	100
15) Acetone	3.88	43	36305853	281.966 ppbv #	59
16) 1,3-Butadiene	3.38	39	4359979	59.231 ppbv #	11
17) tert-Butyl alcohol	4.00	59	19136	0.166 ppbv #	1
19) Isopropyl Alcohol	3.99	45	796247	12.099 ppbv #	100
20) Methylene Chloride	4.38	84	822163	17.606 ppbv	95
23) Vinyl Acetate	5.09	43	116020	0.925 ppbv #	1
25) Ethyl Acetate	5.72	43	863113	2.642 ppbv #	83
26) Hexane	5.72	57	1026429	6.902 ppbv #	46
30) Cyclohexane	7.16	84	159859	1.220 ppbv	97
31) cis-1,2-Dichloroethene	5.70	61	10702	0.078 ppbv #	39
34) 2-Butanone	5.28	43	375000	3.064 ppbv	96
35) Carbon Tetrachloride	7.06	117	8542	0.046 ppbv #	76
36) Benzene	6.93	78	265588	0.942 ppbv	95
37) 1,2-Dichloroethane	6.34	62	4462	0.035 ppbv #	79
39) 1,2-Dichloropropane	7.21	63	803584	7.455 ppbv #	26
41) Tetrahydrofuran	6.03	42	4816	0.041 ppbv #	67
42) Bromodichloromethane	7.82	83	45932	0.226 ppbv #	27
44) 2,2,4-Trimethylpentane	7.90	57	1587039	3.326 ppbv #	81
45) t-1,3-Dichloropropene	9.81	75	11072	0.098 ppbv #	79
50) 4-Methyl-2-Pentanone	8.77	43	722718	2.625 ppbv	99
51) 2-Hexanone	10.09	43	228806	1.103 ppbv #	34
52) Tetrachloroethene	11.26	164	59362	0.603 ppbv	96
53) Toluene	9.84	91	1891012	5.813 ppbv	100
58) Ethyl Benzene	12.74	91	1898620	4.671 ppbv	94
59) m/p-Xylene	13.00	91	5647633	16.539 ppbv	98
60) o-Xylene	13.72	91	2014710	6.305 ppbv	94
61) Styrene	13.56	104	45070	0.232 ppbv #	53
62) Isopropylbenzene	14.70	105	58514	0.122 ppbv #	43
64) n-propylbenzene	15.59	120	119515	0.960 ppbv	77
65) tert-Butylbenzene	16.79	119	81966	0.193 ppbv #	20
66) Benzyl Chloride	17.22	91	7062	0.082 ppbv #	73
67) sec-Butylbenzene	17.32	105	43397	0.073 ppbv	98
70) n-Butylbenzene	18.58	91	79501	0.161 ppbv #	45
71) 2-Chlorotoluene	15.59	91	596472	1.654 ppbv #	43

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Acq On : 7 Apr 2022 20:52
Operator : SY/AP
Sample : N2273-04
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
1160-1-SG-1

Quant Time: Apr 11 05:15:25 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL040522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Apr 06 06:12:53 2022
QLast Update : Wed Apr 06 06:12:53 2022
Response via : Initial Calibration

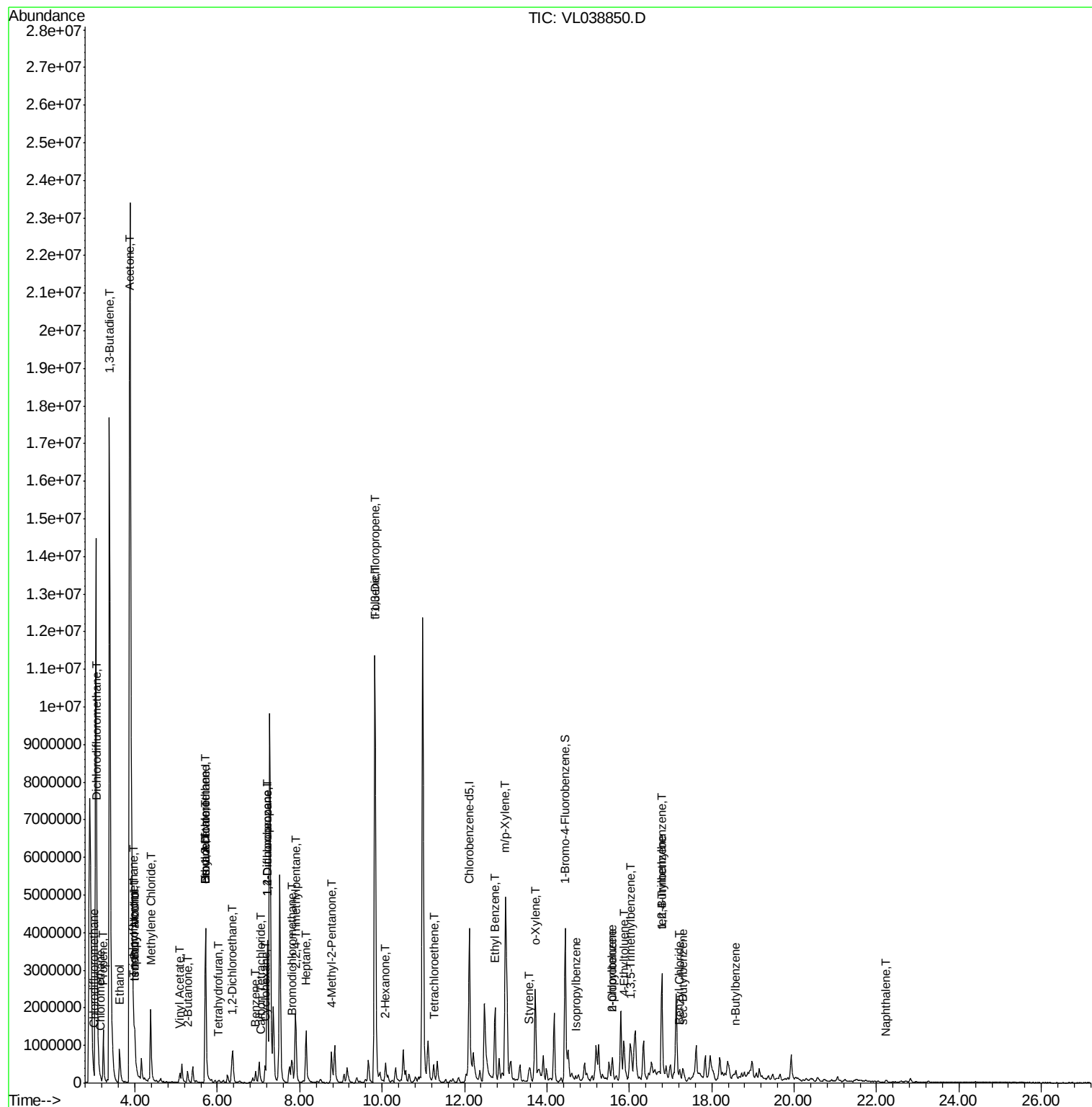
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
72) 4-Ethyltoluene	15.87	105	754291	1.977	ppbv	98
73) 1,3,5-Trimethylbenzene	16.02	105	672775	1.963	ppbv	86
74) 1,2,4-Trimethylbenzene	16.79	105	2043532	5.640	ppbv #	71
79) Naphthalene	22.22	128	10764	0.040	ppbv	97

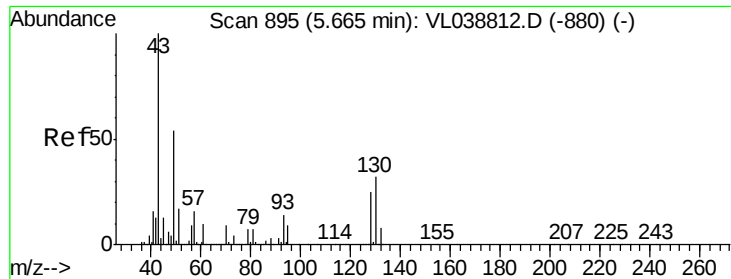
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.71 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 7 Apr 2022 20:52

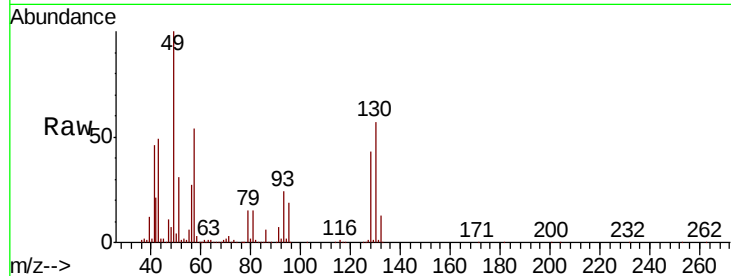
Tot Ion: 49 Resp: 1293301

Ion Ratio Lower Upper

49 100

128 45.1 24.1 72.3

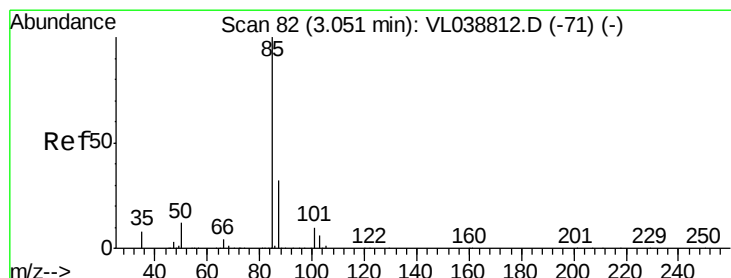
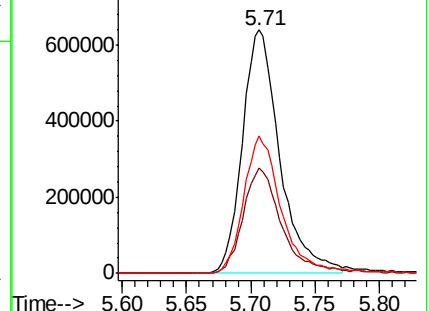
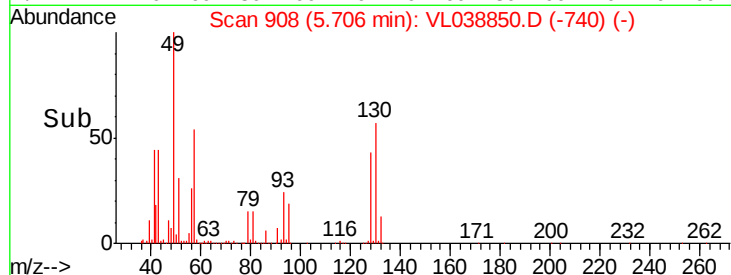
130 57.4 30.9 92.8



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



#2

Dichlorodifluoromethane

Concen: 0.353 ppbv

RT: 3.08 min Scan# 91

Delta R.T. 0.03 min

Lab File: VL038850.D

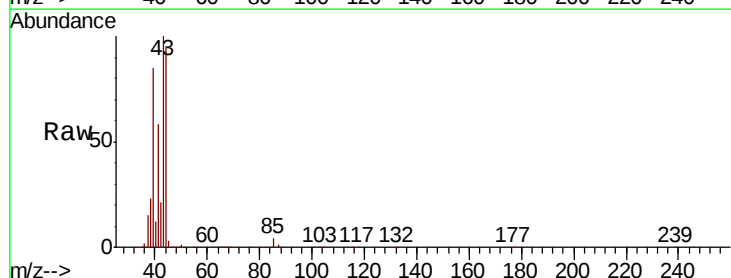
Acq: 7 Apr 2022 20:52

Tgt Ion: 85 Resp: 64731

Ion Ratio Lower Upper

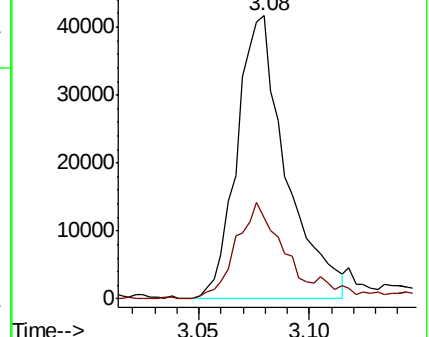
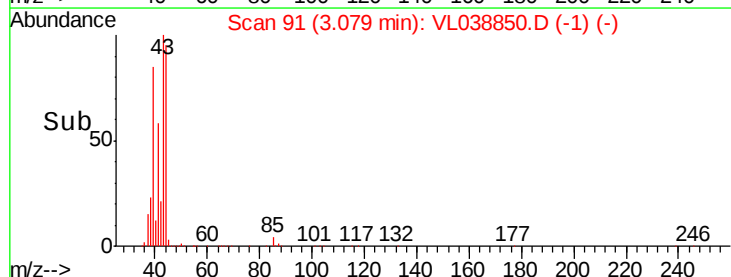
85 100

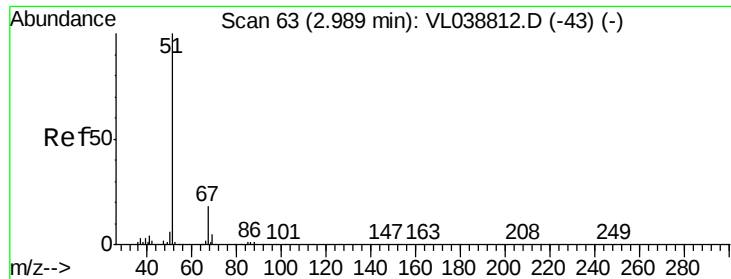
87 28.8 25.9 38.9



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.525 ppbv

RT: 3.01 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

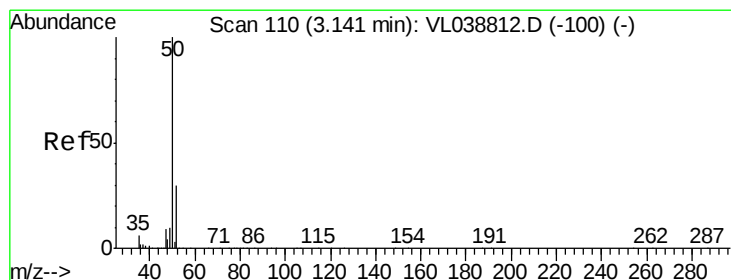
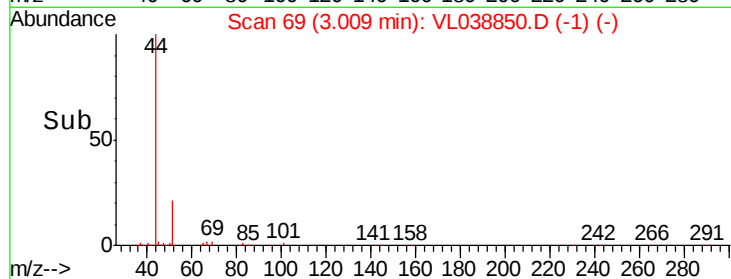
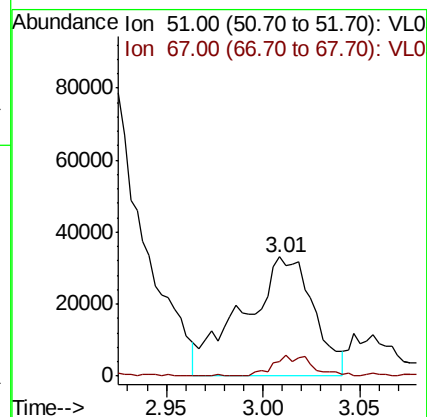
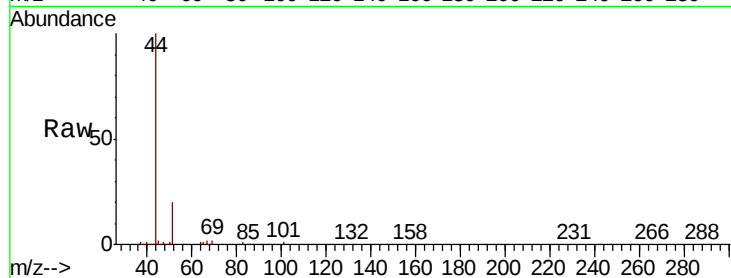
Acq: 7 Apr 2022 20:52

Tot Ion: 51 Resp: 82804

Ion Ratio Lower Upper

51 100

67 10.2 13.4 20.0#



#4

Chloromethane

Concen: 0.690 ppbv

RT: 3.17 min Scan# 119

Delta R.T. 0.03 min

Lab File: VL038850.D

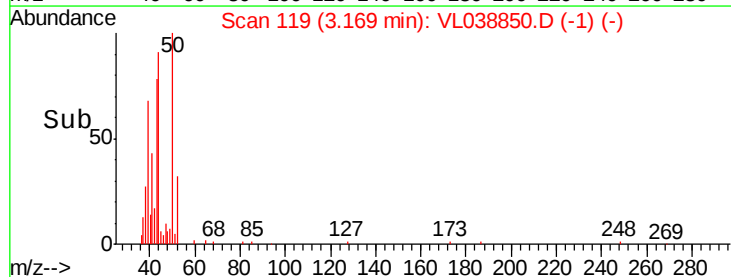
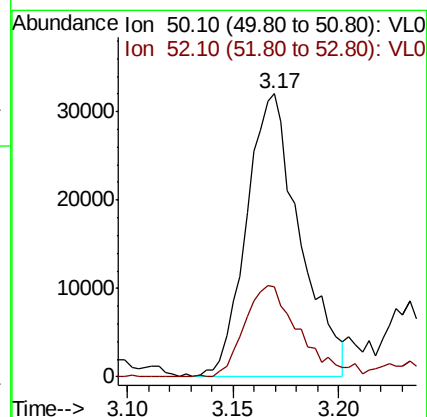
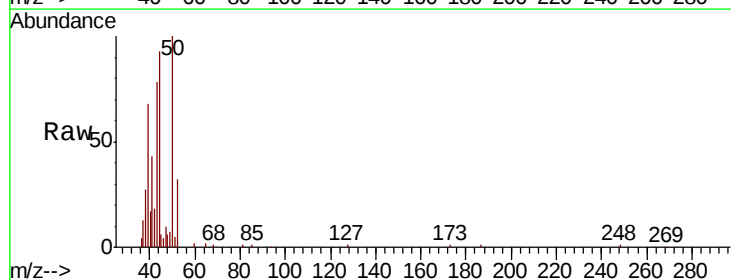
Acq: 7 Apr 2022 20:52

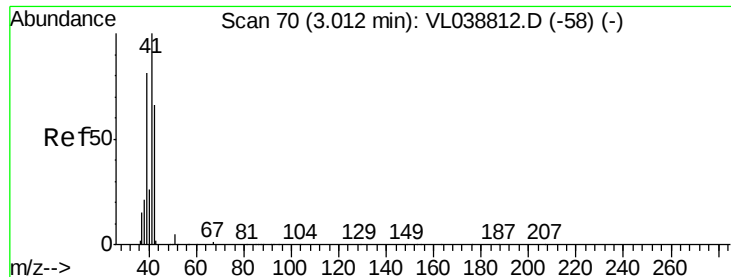
Tgt Ion: 50 Resp: 56380

Ion Ratio Lower Upper

50 100

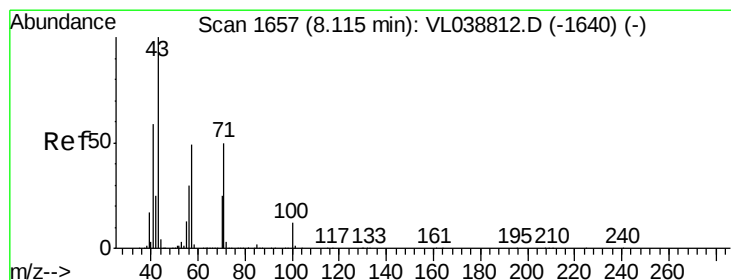
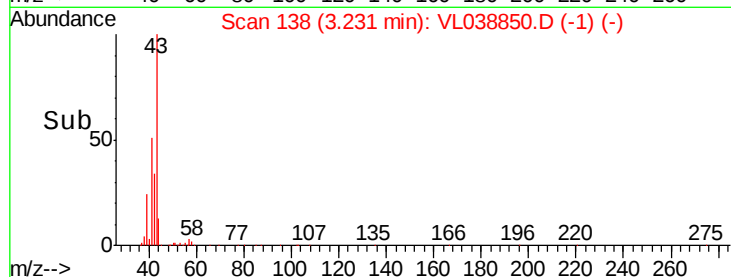
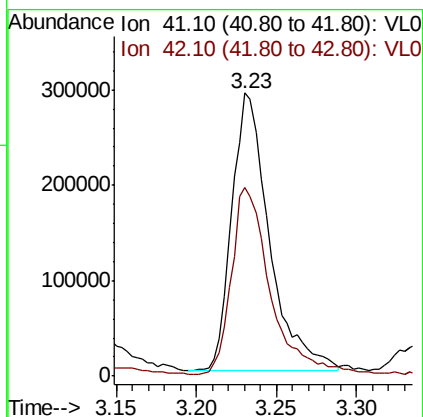
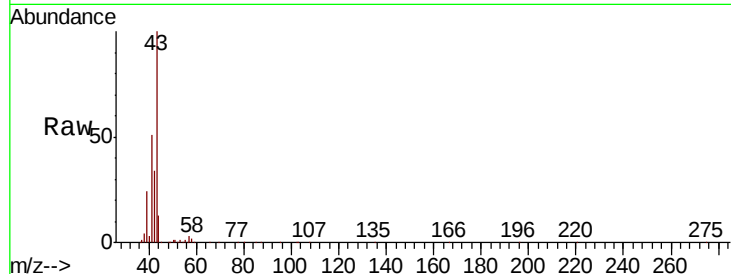
52 31.8 24.3 36.5





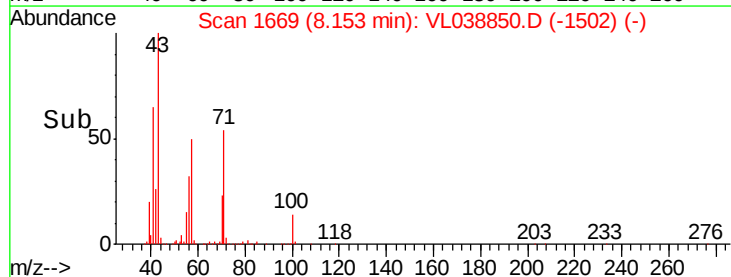
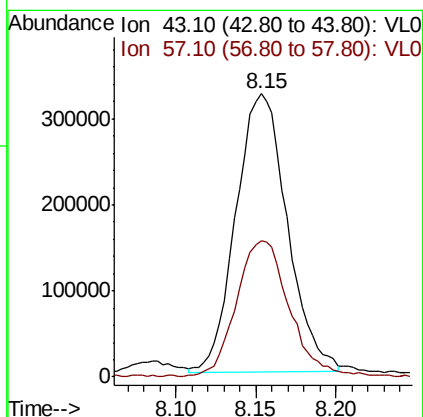
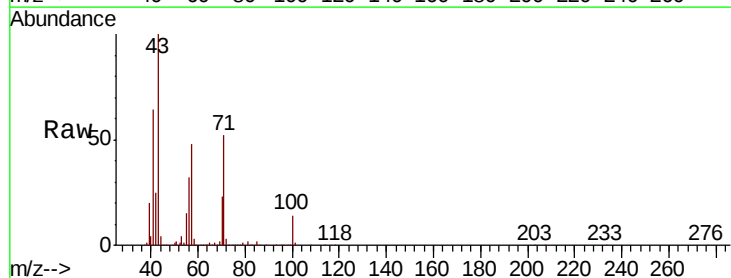
#9
 Propene
 Concen: 5.593 ppbv
 RT: 3.23
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 1160-1-SG-1
 Acq: 7 Apr 2022 20:52

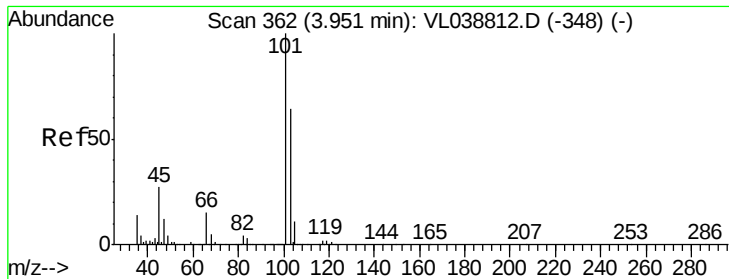
Tot Ion: 41 Resp: 467036
 Ion Ratio Lower Upper
 41 100
 42 69.3 54.2 81.4



#10
 Heptane
 Concen: 3.389 ppbv
 RT: 8.15 min Scan# 1669
 Delta R.T. 0.04 min
 Lab File: VL038850.D
 Acq: 7 Apr 2022 20:52

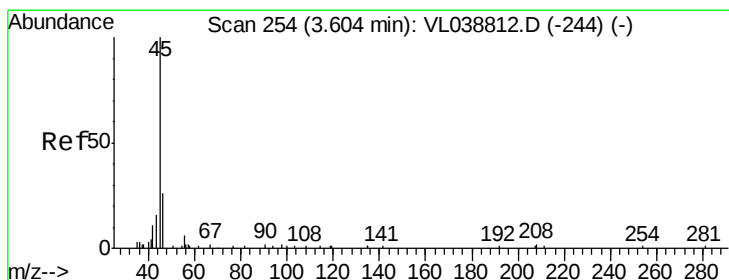
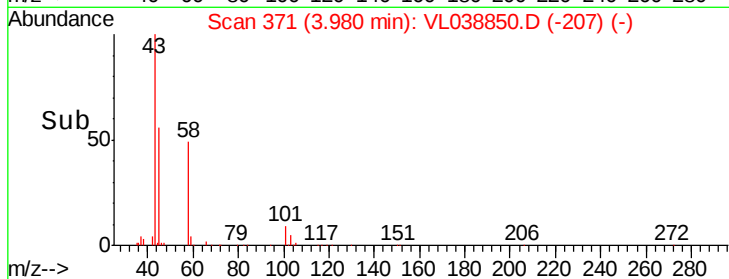
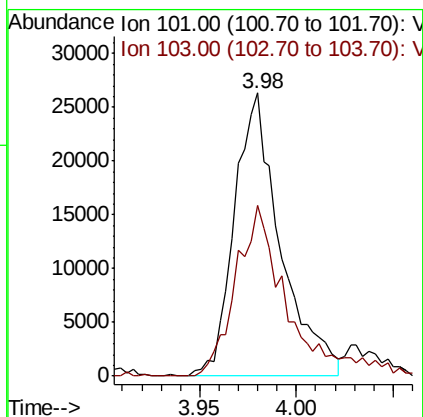
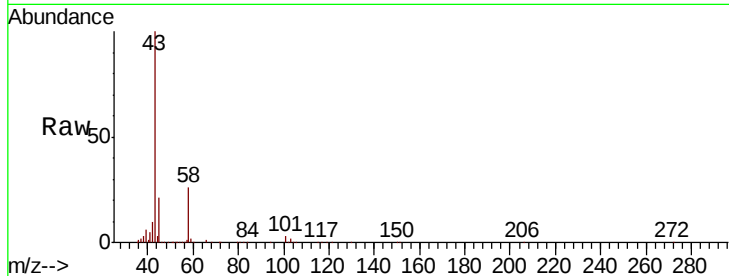
Tgt Ion: 43 Resp: 712784
 Ion Ratio Lower Upper
 43 100
 57 51.5 39.3 58.9





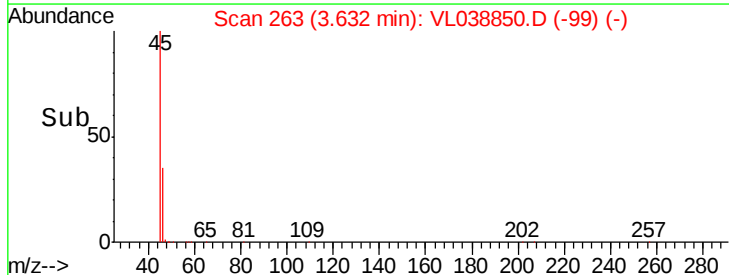
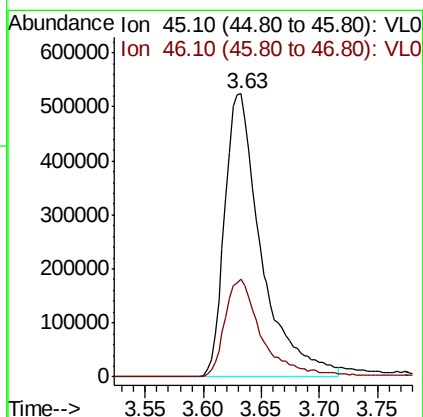
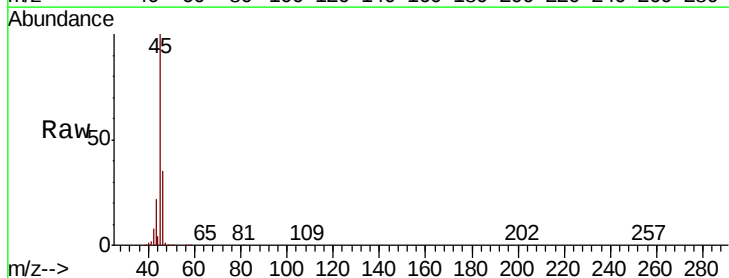
#11
 Trichlorofluoromethane
 Concen: 0.296 ppbv
 RT: 3.98
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 7 Apr 2022 20:52

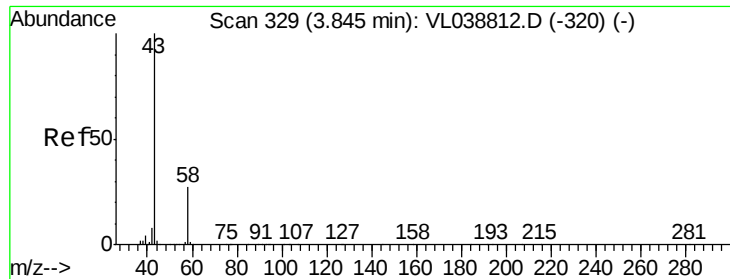
Tot Ion: 101 Resp: 43671
 Ion Ratio Lower Upper
 101 100
 103 60.1 51.4 77.0



#13
 Ethanol
 Concen: 226.353 ppbv
 RT: 3.63 min Scan# 263
 Delta R.T. 0.03 min
 Lab File: VL038850.D
 Acq: 7 Apr 2022 20:52

Tgt Ion: 45 Resp: 1148718
 Ion Ratio Lower Upper
 45 100
 46 35.3 0.0 0.0#





#15

Acetone

Concen: 281.966 ppbv

RT: 3.88 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

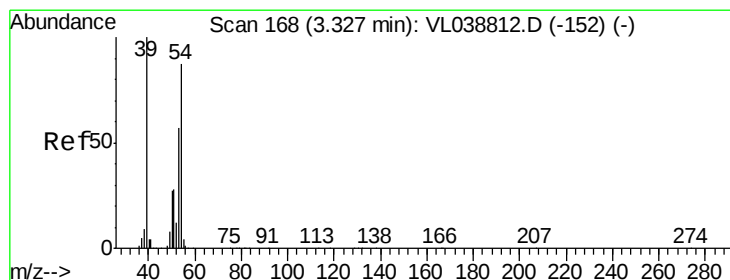
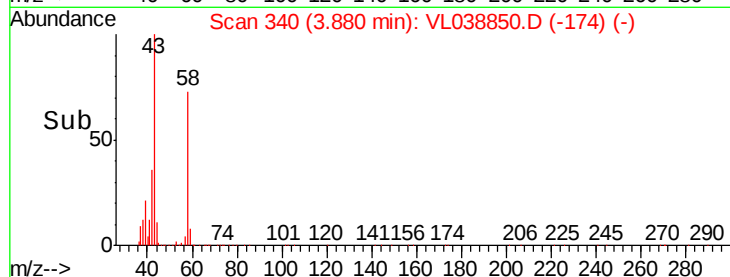
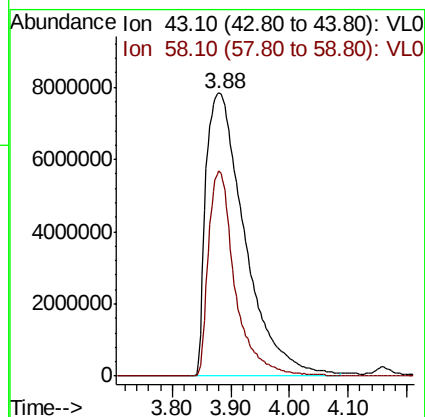
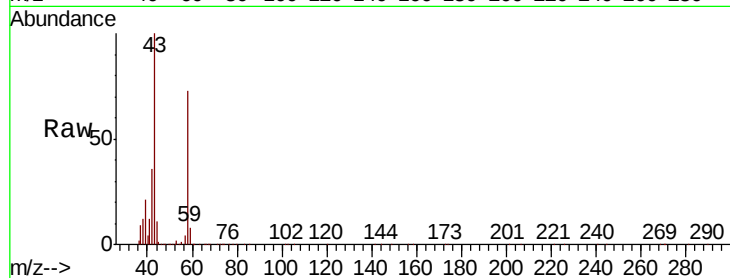
Acq: 7 Apr 2022 20:52

Tot Ion: 43 Resp: 36305853

Ion Ratio Lower Upper

43 100

58 50.0 22.5 33.7#



#16

1,3-Butadiene

Concen: 59.231 ppbv

RT: 3.38 min Scan# 185

Delta R.T. 0.05 min

Lab File: VL038850.D

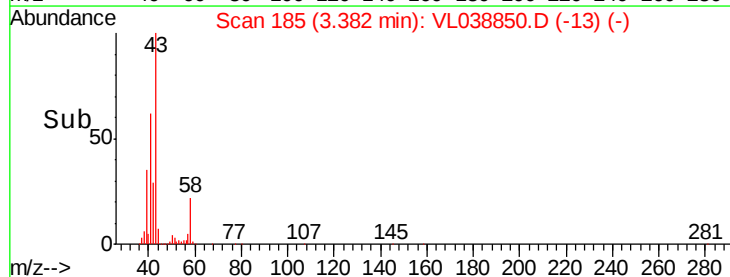
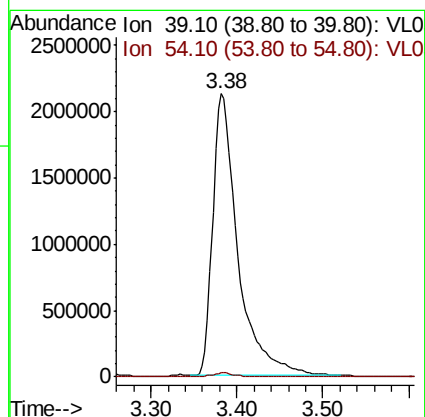
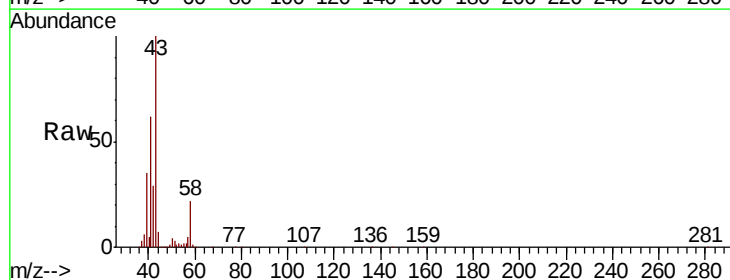
Acq: 7 Apr 2022 20:52

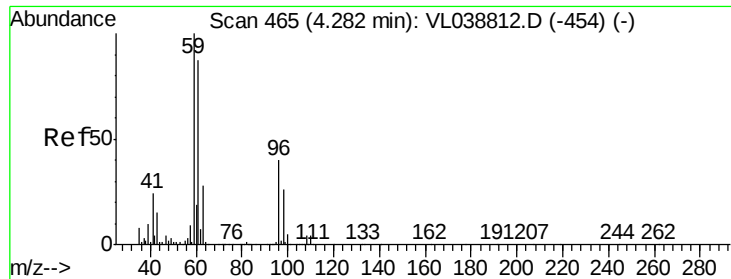
Tgt Ion: 39 Resp: 4359979

Ion Ratio Lower Upper

39 100

54 1.6 64.8 97.2#





#17

tert-Butyl alcohol

Concen: 0.166 ppbv

RT: 4.00 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

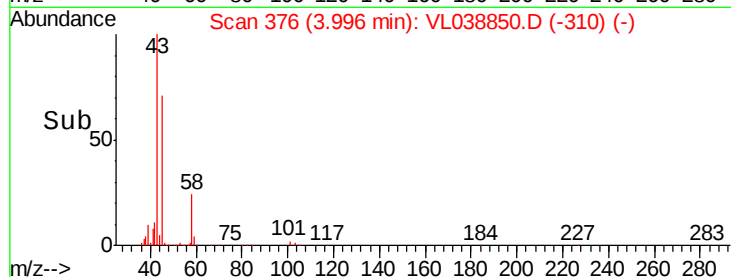
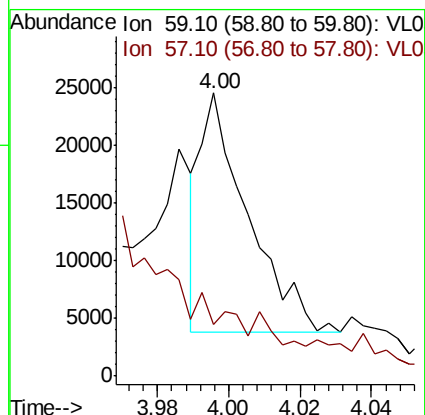
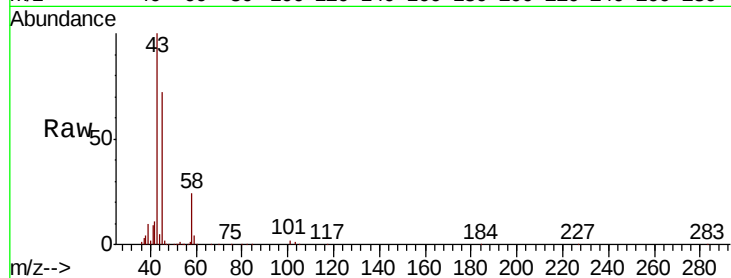
Acq: 7 Apr 2022 20:52

Tot Ion: 59 Resp: 19136

Ion Ratio Lower Upper

59 100

57 297.7 8.5 12.7#



#19

Isopropyl Alcohol

Concen: 12.099 ppbv

RT: 3.99 min Scan# 375

Delta R.T. 0.04 min

Lab File: VL038850.D

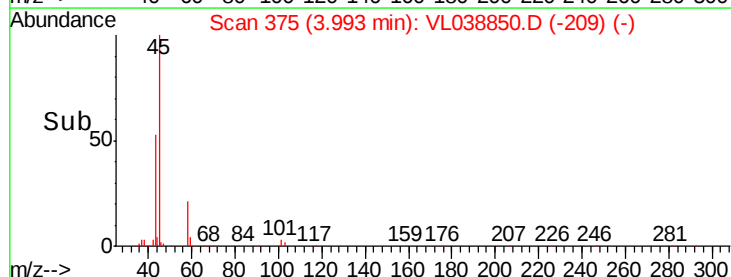
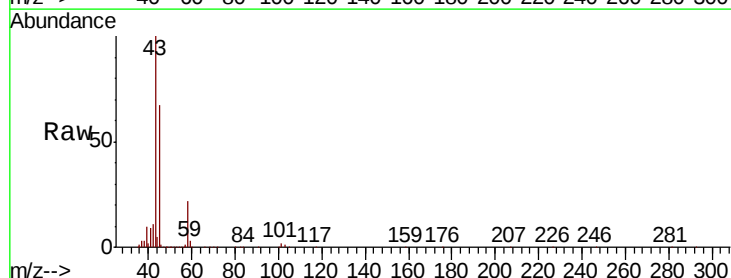
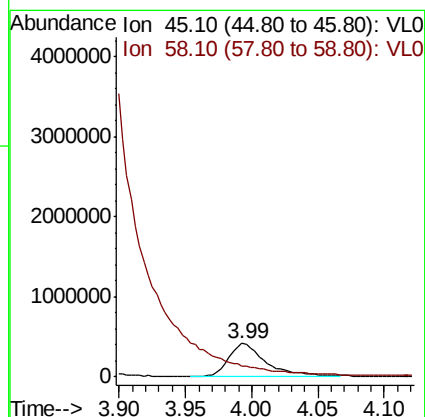
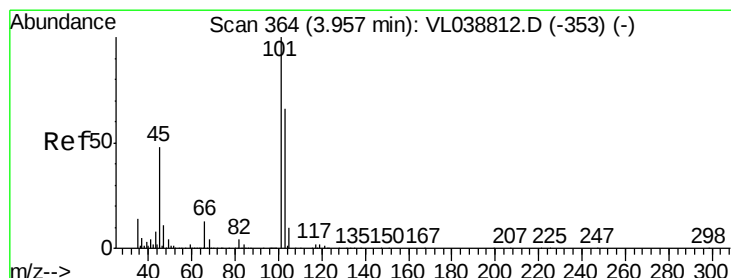
Acq: 7 Apr 2022 20:52

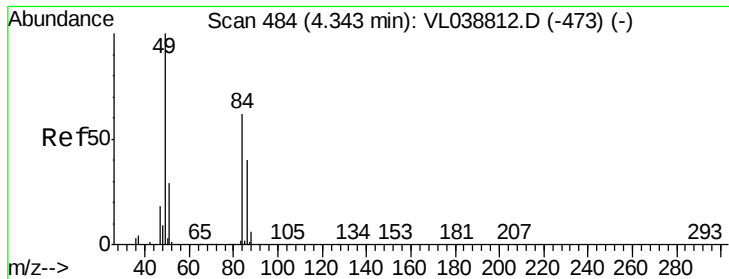
Tgt Ion: 45 Resp: 796247

Ion Ratio Lower Upper

45 100

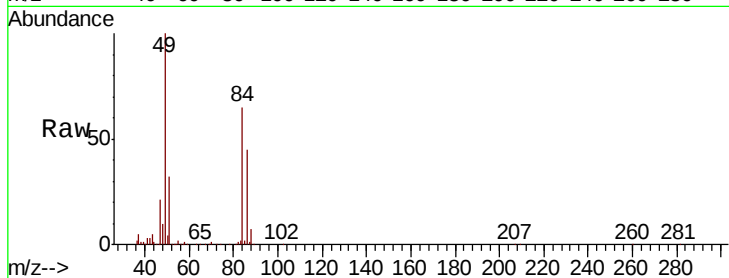
58 0.0 0.0 0.0



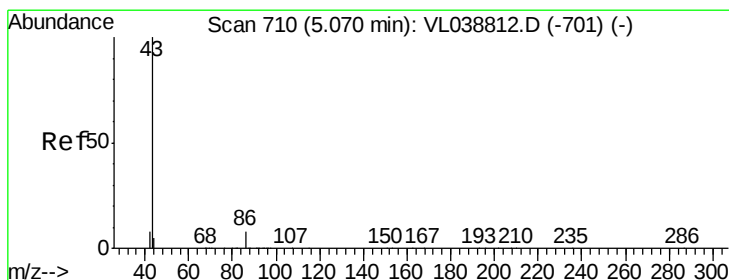
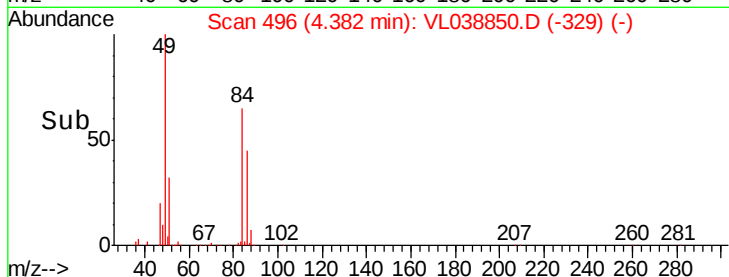
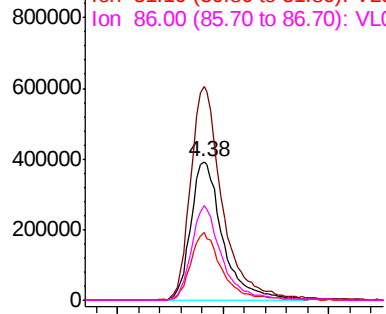


#20
Methvlene Chloride
Concen: 17.606 ppbv
RT: 4.38
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 7 Apr 2022 20:52

Tot Ion:	84	Resp:	822163
Ion	Ratio	Lower	Upper
84	100		
49	154.0	129.4	194.0
51	48.1	37.4	56.2
86	68.6	51.4	77.2

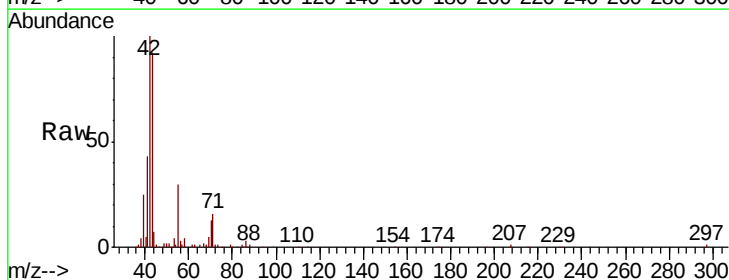


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

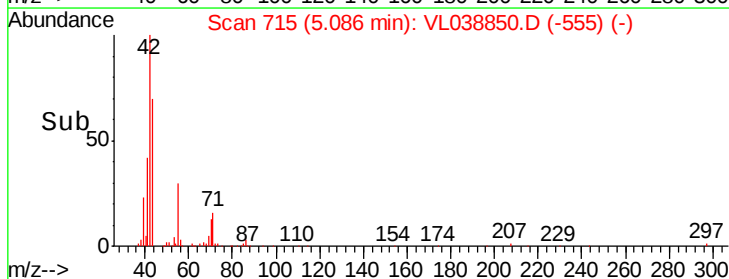
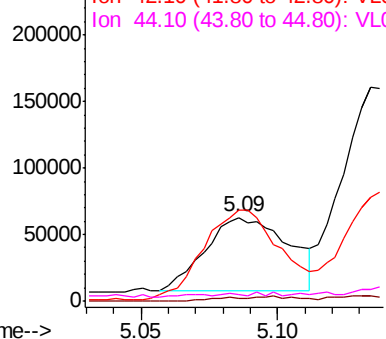


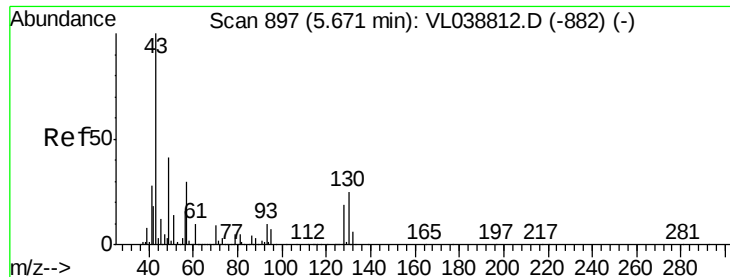
#23
Vinyl Acetate
Concen: 0.925 ppbv
RT: 5.09 min Scan# 715
Delta R.T. 0.02 min
Lab File: VL038850.D
Acq: 7 Apr 2022 20:52

Tgt Ion:	43	Resp:	116020
Ion	Ratio	Lower	Upper
43	100		
86	3.7	5.8	8.6#
42	115.8	7.8	11.6#
44	4.6	3.6	5.4



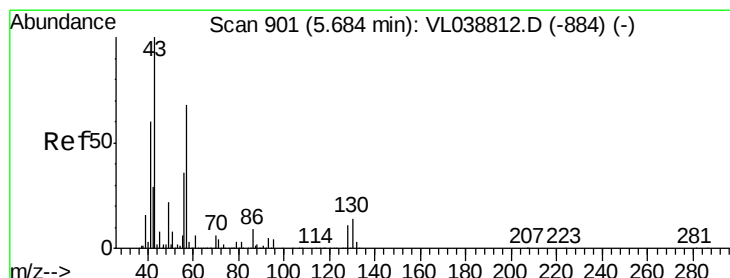
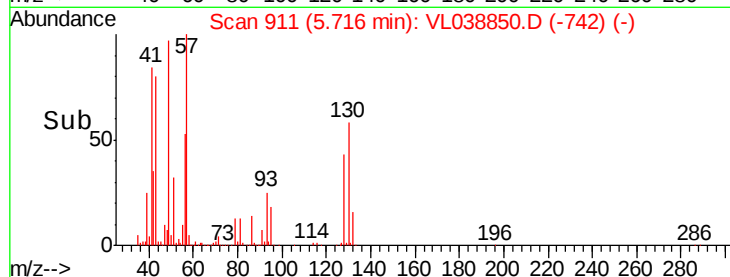
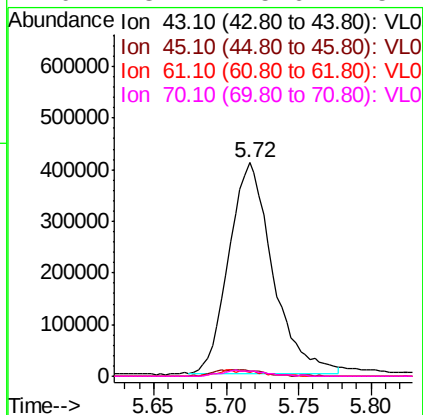
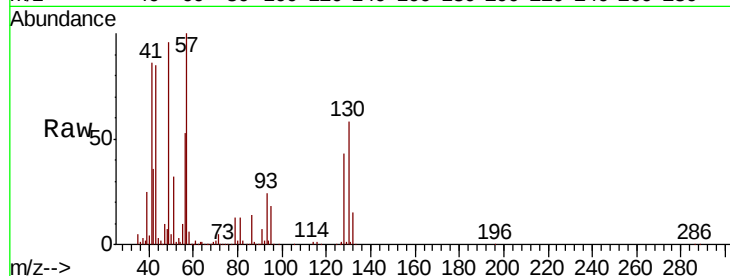
Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 86.10 (85.80 to 86.80): VL0
Ion 42.10 (41.80 to 42.80): VL0
Ion 44.10 (43.80 to 44.80): VL0





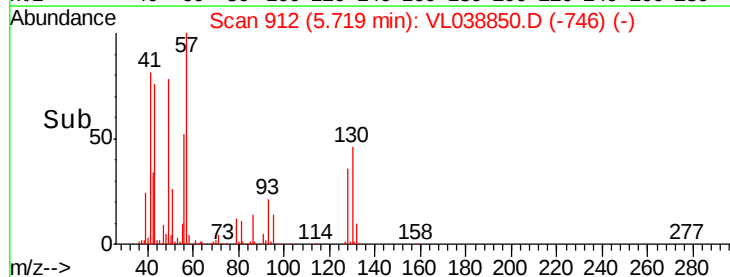
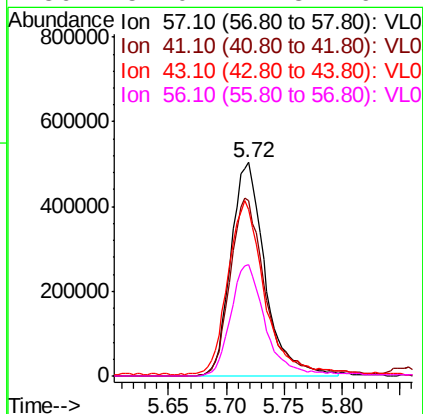
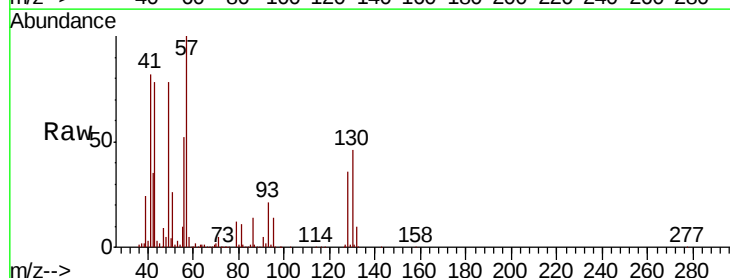
#25
Ethyl Acetate
Concen: 2.642 ppbv
RT: 5.72 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 7 Apr 2022 20:52

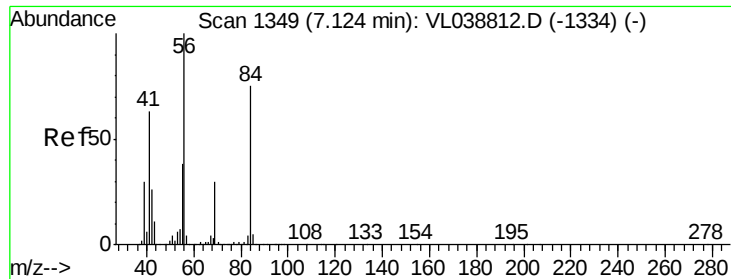
Tot Ion:	43	Resp:	863113
Ion	Ratio	Lower	Upper
43	100		
45	3.8	8.4	12.6#
61	2.9	7.9	11.9#
70	3.1	5.6	8.4#



#26
Hexane
Concen: 6.902 ppbv
RT: 5.72 min Scan# 912
Delta R.T.: 0.04 min
Lab File: VL038850.D
Acq: 7 Apr 2022 20:52

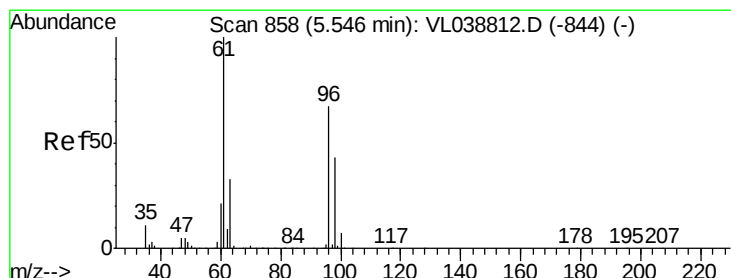
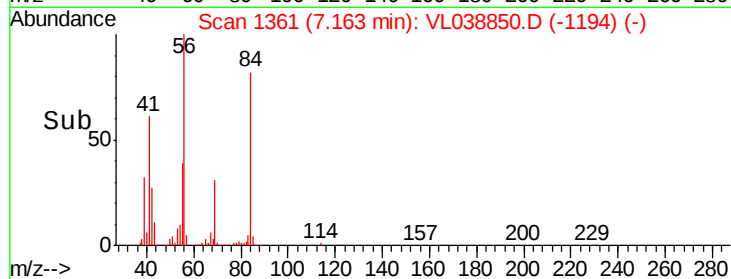
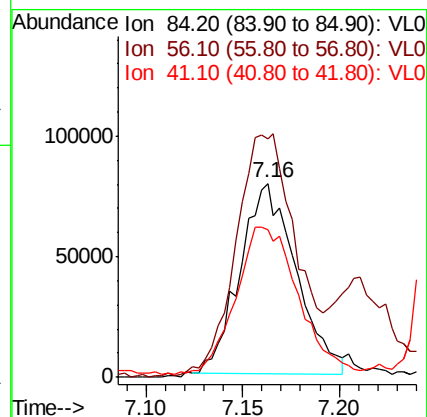
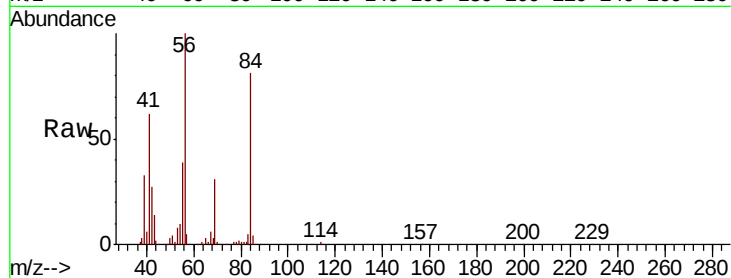
Tgt Ion:	57	Resp:	1026429
Ion	Ratio	Lower	Upper
57	100		
41	87.8	72.0	108.0
43	89.0	186.6	280.0#
56	54.0	42.8	64.2





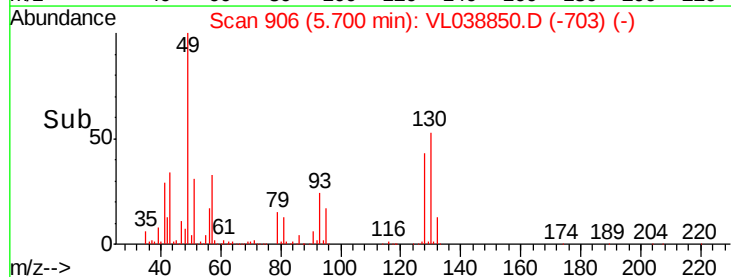
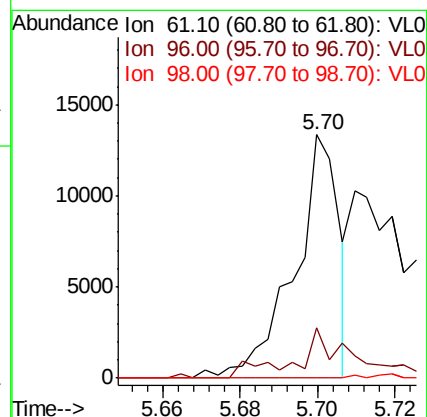
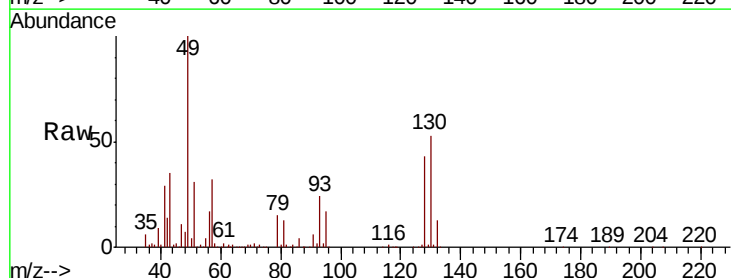
#30
Cvclohexane
Concen: 1.220 ppbv
RT: 7.16
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 7 Apr 2022 20:52

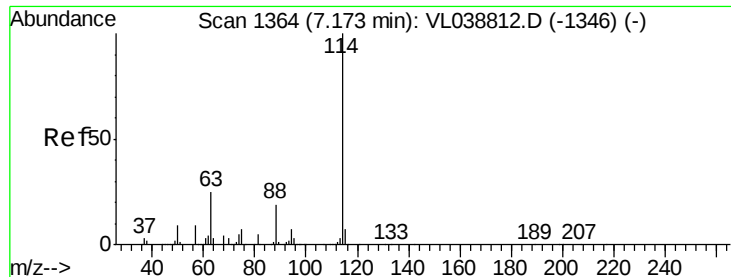
Tot Ion	Ratio	Lower	Upper
84	100		
56	138.2	114.4	171.6
41	85.3	69.0	103.4



#31
cis-1,2-Dichloroethene
Concen: 0.078 ppbv
RT: 5.70 min Scan# 906
Delta R.T. 0.15 min
Lab File: VL038850.D
Acq: 7 Apr 2022 20:52

Tgt Ion	Ratio	Lower	Upper
61	100		
96	20.6	53.4	80.0#
98	0.0	34.2	51.4#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.21

Instrument: MSVOA_1

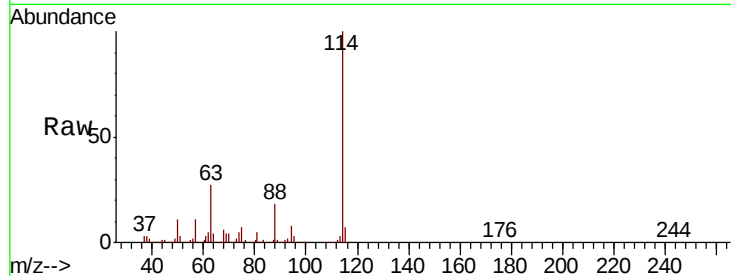
Delta R.T. ClientSampleId:

Lab File: 1160-1-SG-1

Acq: 7 Apr 2022 20:52

Tot Ion:114 Resp: 3097660

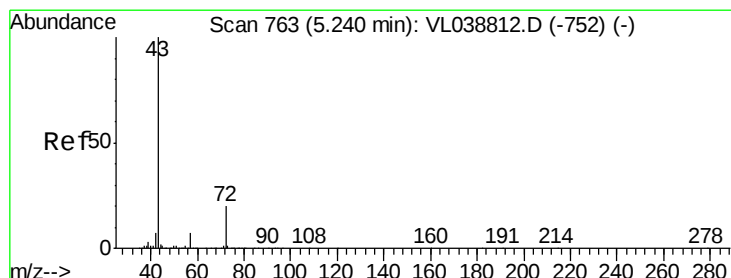
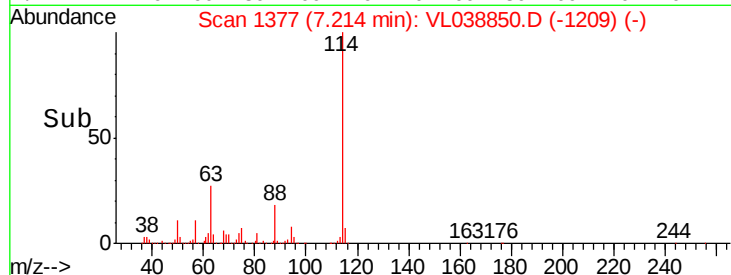
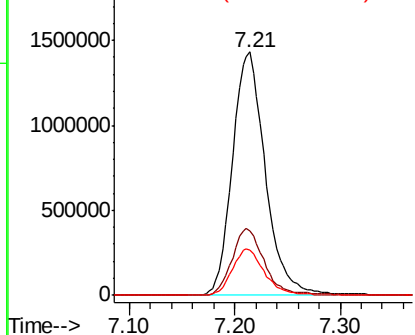
Ion	Ratio	Lower	Upper
114	100		
63	27.4	19.8	29.8
88	18.9	14.2	21.4



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: 3.064 ppbv

RT: 5.28 min Scan# 774

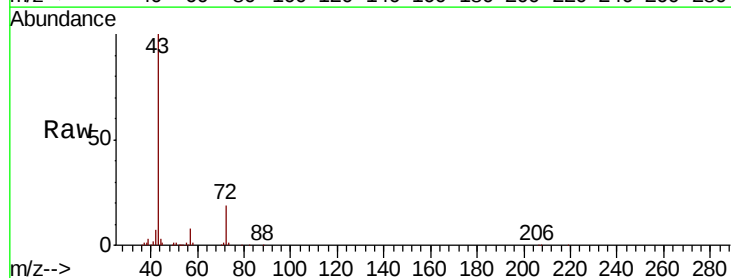
Delta R.T. 0.04 min

Lab File: VL038850.D

Acq: 7 Apr 2022 20:52

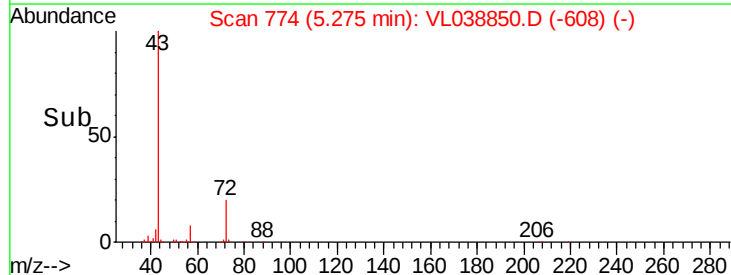
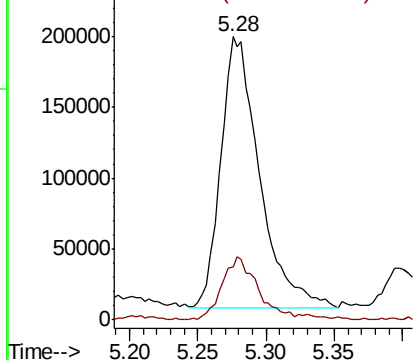
Tgt Ion: 43 Resp: 375000

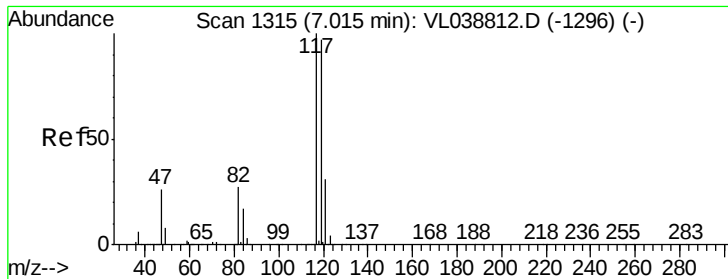
Ion	Ratio	Lower	Upper
43	100		
72	23.1	16.9	25.3



Abundance Ion 43.10 (42.80 to 43.80): VL0

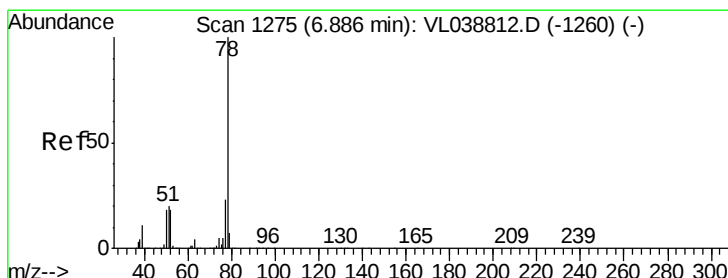
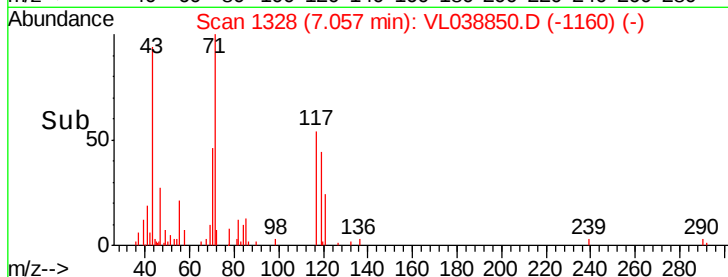
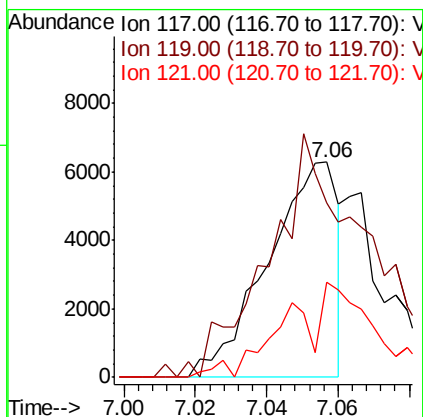
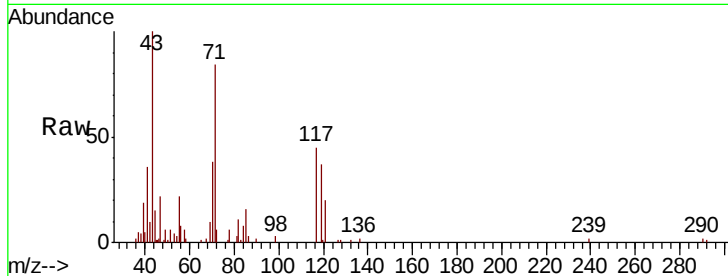
Ion 72.10 (71.80 to 72.80): VL0





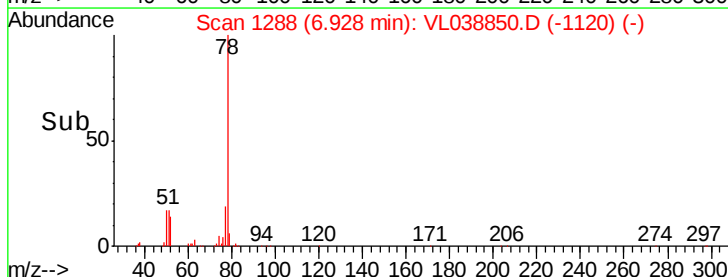
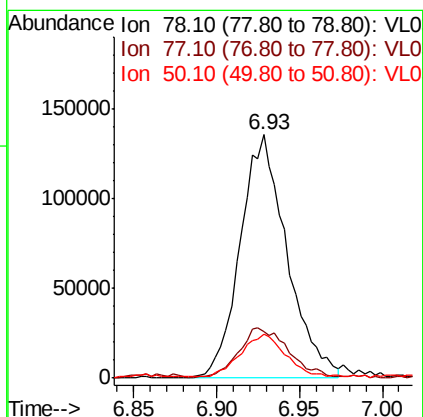
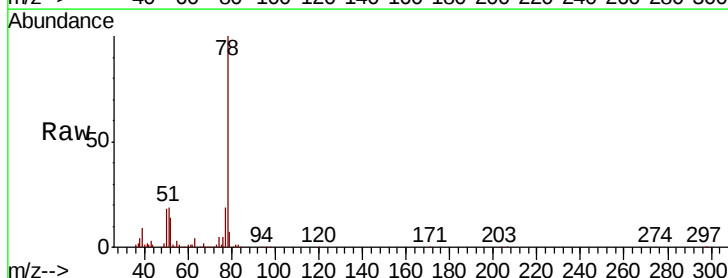
#35
Carbon Tetrachloride
Concen: 0.046 ppbv
RT: 7.06
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 7 Apr 2022 20:52

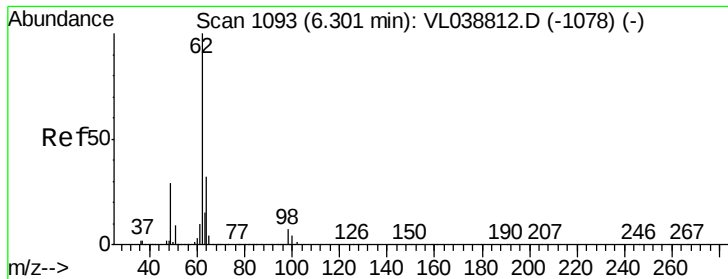
Tot Ion:117 Resp: 8542
Ion Ratio Lower Upper
117 100
119 74.1 77.7 116.5#
121 44.4 24.5 36.7#



#36
Benzene
Concen: 0.942 ppbv
RT: 6.93 min Scan# 1288
Delta R.T. 0.04 min
Lab File: VL038850.D
Acq: 7 Apr 2022 20:52

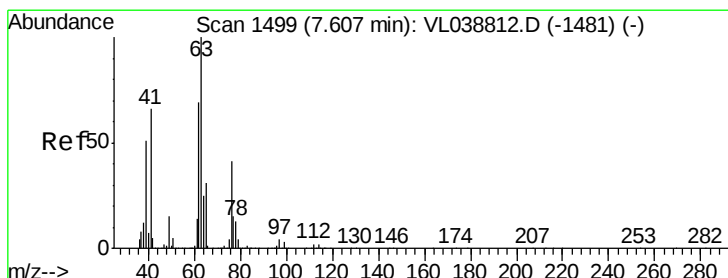
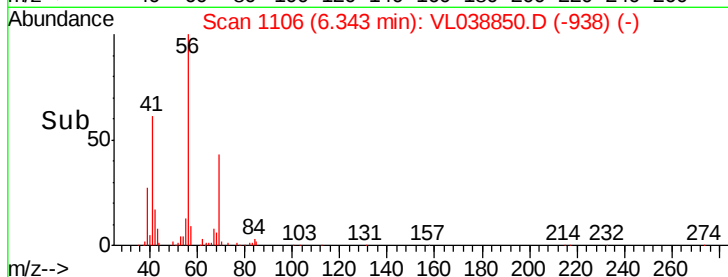
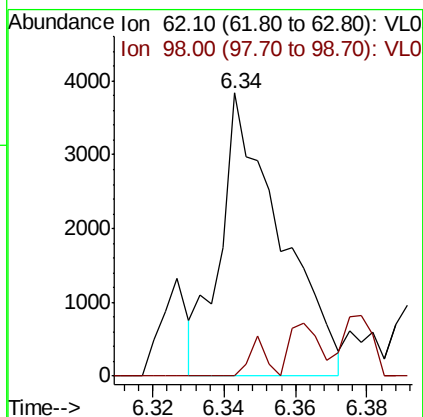
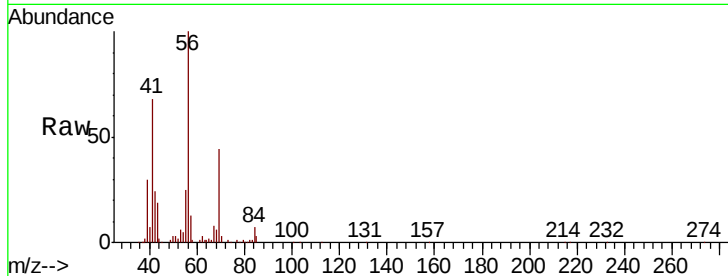
Tgt Ion: 78 Resp: 265588
Ion Ratio Lower Upper
78 100
77 18.7 18.2 27.2
50 17.4 14.0 21.0





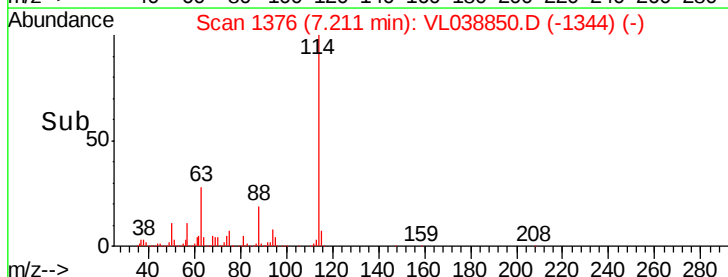
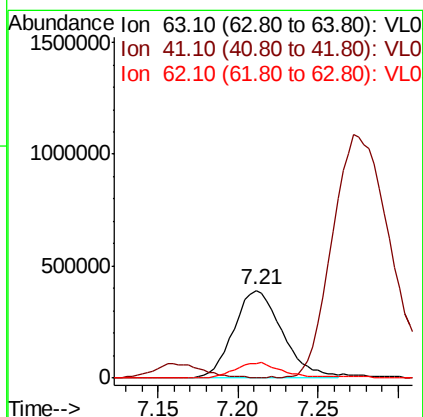
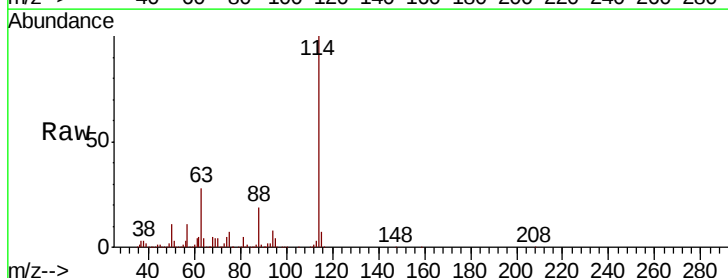
#37
 1,2-Dichloroethane
 Concen: 0.035 ppbv
 RT: 6.34
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId:
 1160-1-SG-1
 Acq: 7 Apr 2022 20:52

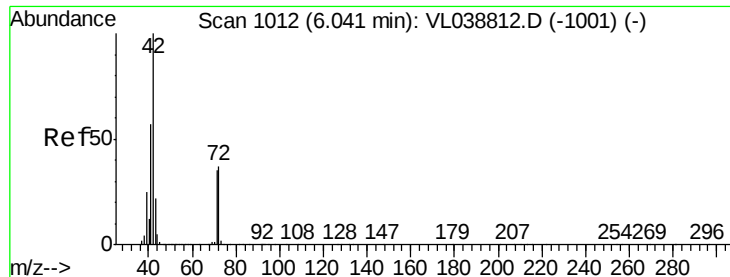
Tot Ion: 62 Resp: 4462
 Ion Ratio Lower Upper
 62 100
 98 0.0 5.9 8.9#



#39
 1,2-Dichloropropane
 Concen: 7.455 ppbv
 RT: 7.21 min Scan# 1376
 Delta R.T. -0.40 min
 Lab File: VL038850.D
 Acq: 7 Apr 2022 20:52

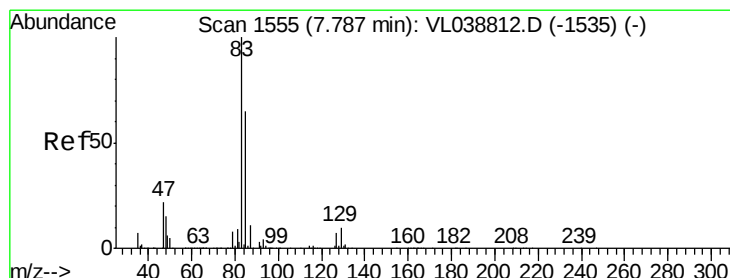
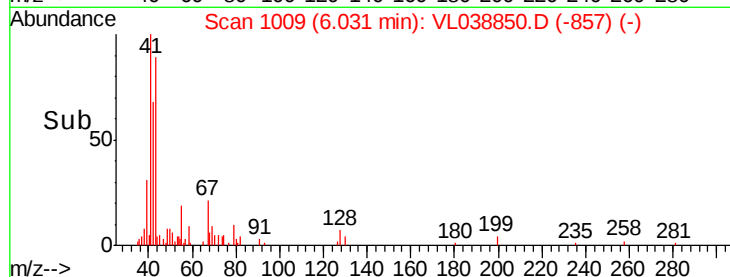
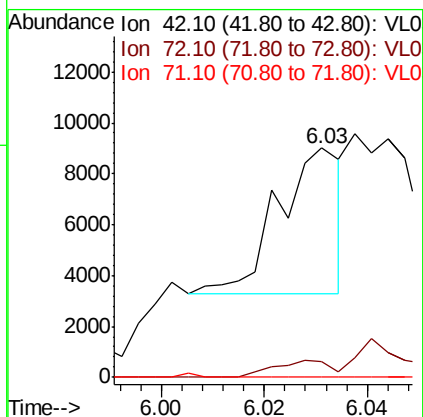
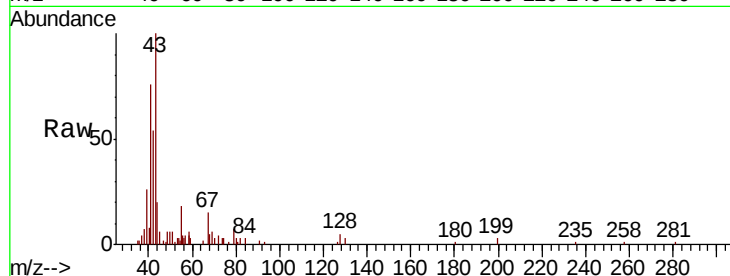
Tgt Ion: 63 Resp: 803584
 Ion Ratio Lower Upper
 63 100
 41 0.0 53.0 79.6#
 62 16.2 55.0 82.4#





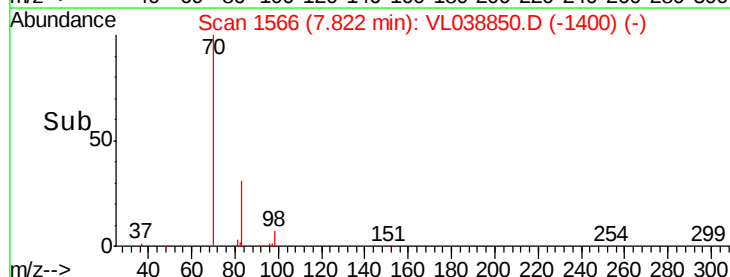
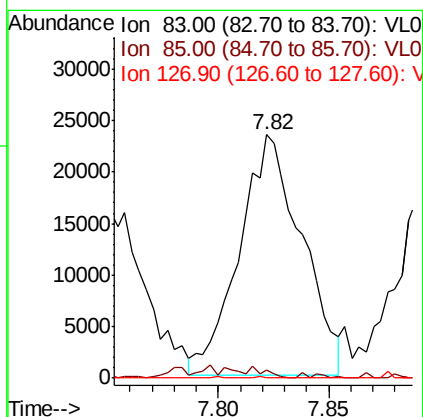
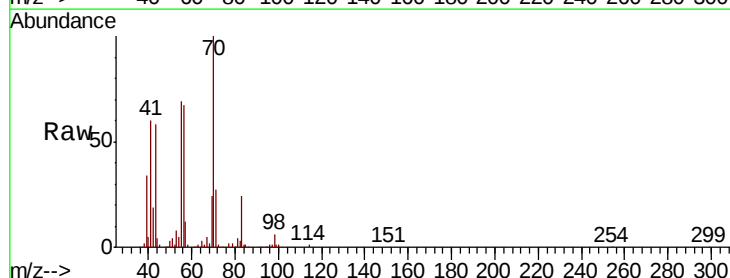
#41
Tetrahydrofuran
Concen: 0.041 ppbv
RT: 6.03
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 7 Apr 2022 20:52

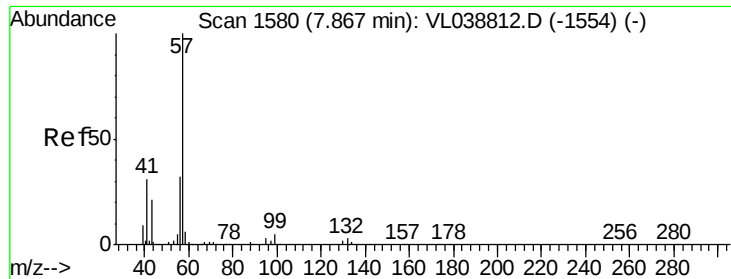
Tot Ion: 42 Resp: 4816
Ion Ratio Lower Upper
42 100
72 36.9 31.4 47.0
71 0.0 30.2 45.4#



#42
Bromodichloromethane
Concen: 0.226 ppbv
RT: 7.82 min Scan# 1566
Delta R.T.: 0.04 min
Lab File: VL038850.D
Acq: 7 Apr 2022 20:52

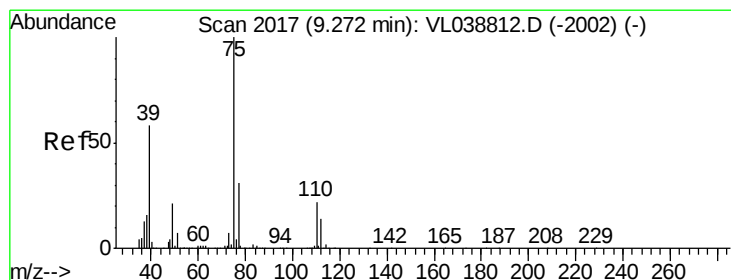
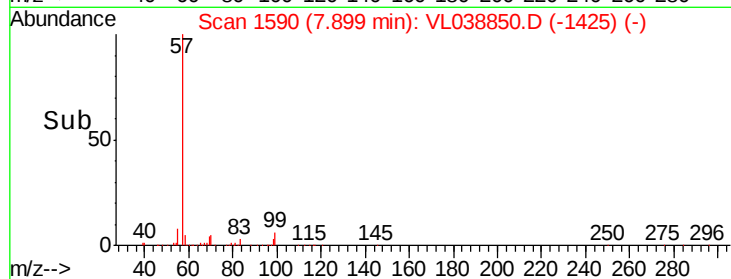
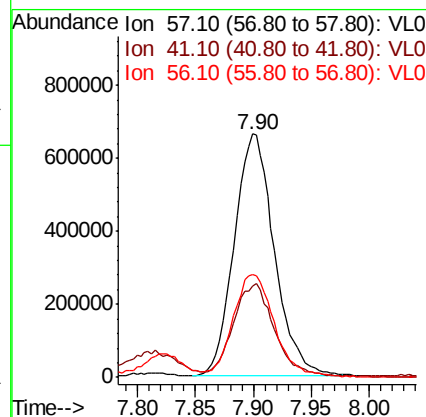
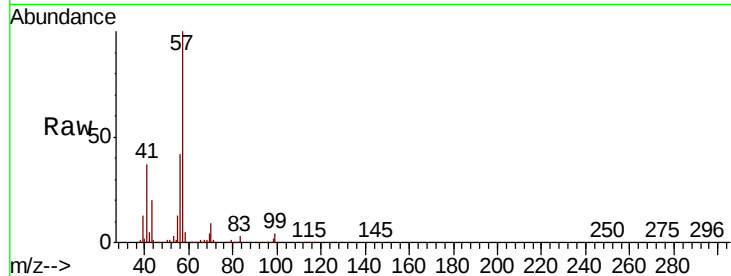
Tgt Ion: 83 Resp: 45932
Ion Ratio Lower Upper
83 100
85 2.5 51.7 77.5#
127 0.0 5.9 8.9#





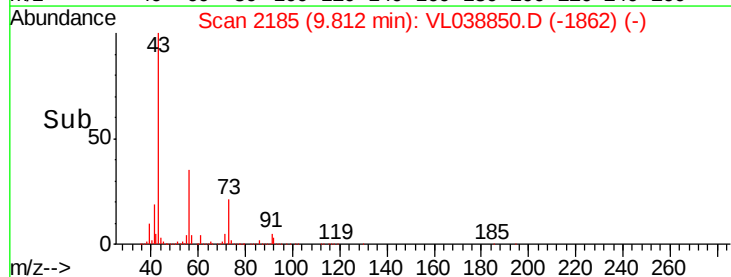
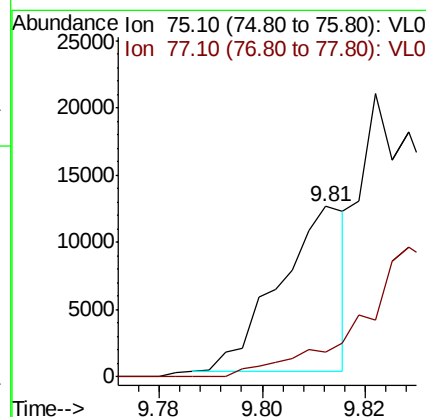
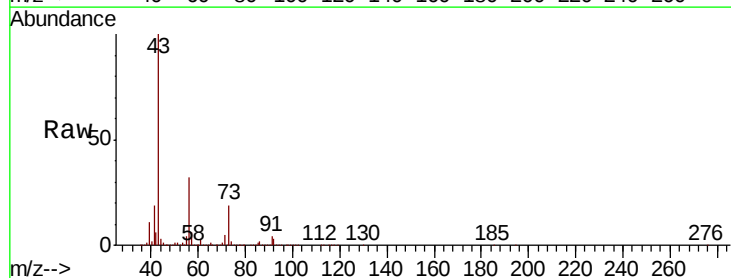
#44
 2,2,4-Trimethylpentane
 Concen: 3.326 ppbv
 RT: 7.90
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 1160-1-SG-1
 Acq: 7 Apr 2022 20:52

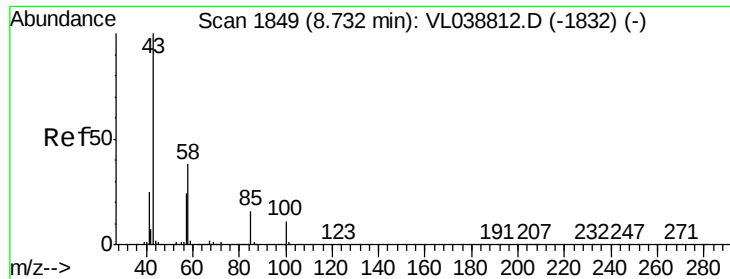
Tot Ion: 57 Resp: 1587039
 Ion Ratio Lower Upper
 57 100
 41 39.8 25.0 37.4#
 56 44.5 25.3 37.9#



#45
 t-1,3-Dichloropropene
 Concen: 0.098 ppbv
 RT: 9.81 min Scan# 2185
 Delta R.T. 0.54 min
 Lab File: VL038850.D
 Acq: 7 Apr 2022 20:52

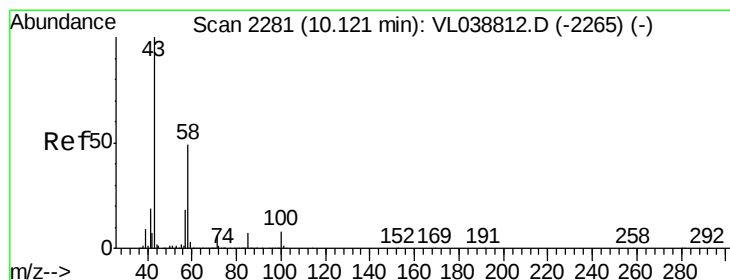
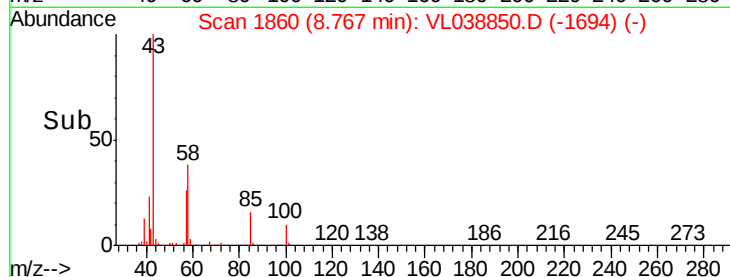
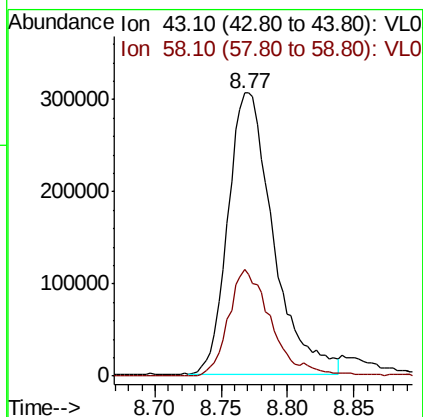
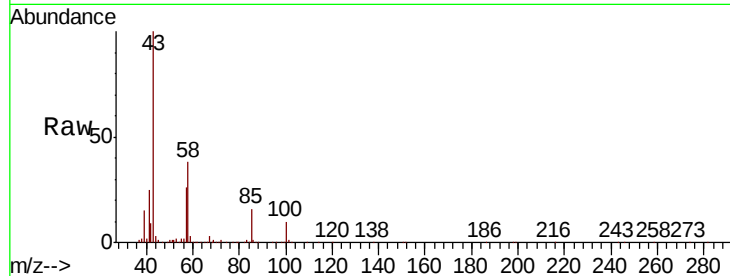
Tgt Ion: 75 Resp: 11072
 Ion Ratio Lower Upper
 75 100
 77 19.6 25.0 37.4#





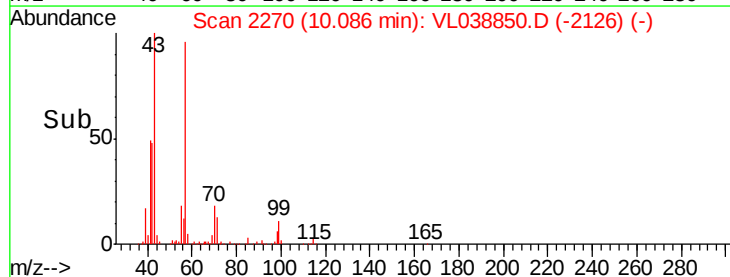
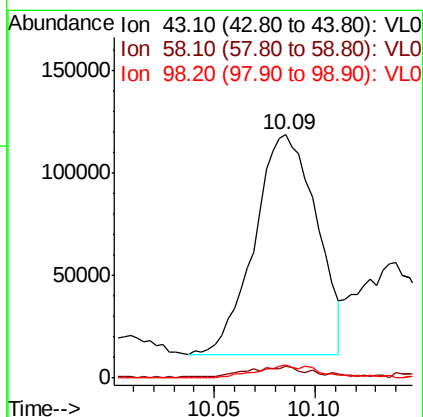
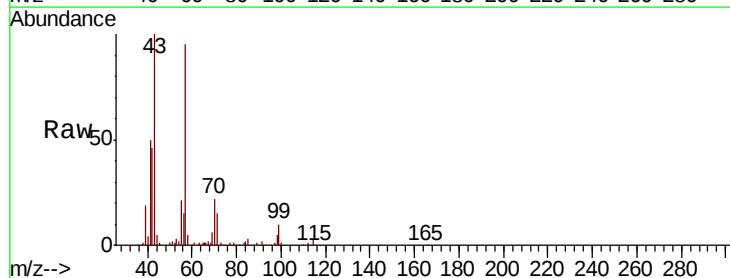
#50
 4-Methyl-2-Pentanone
 Concen: 2.625 ppbv
 RT: 8.77
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 1160-1-SG-1
 Acq: 7 Apr 2022 20:52

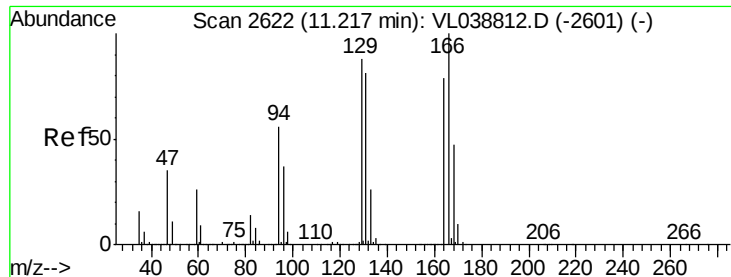
Tot Ion: 43 Resp: 722718
 Ion Ratio Lower Upper
 43 100
 58 36.7 29.0 43.6



#51
 2-Hexanone
 Concen: 1.103 ppbv
 RT: 10.09 min Scan# 2270
 Delta R.T. -0.04 min
 Lab File: VL038850.D
 Acq: 7 Apr 2022 20:52

Tgt Ion: 43 Resp: 228806
 Ion Ratio Lower Upper
 43 100
 58 5.5 41.4 62.0#
 98 6.6 0.1 0.1#





#52

Tetrachloroethene

Concen: 0.603 ppbv

RT: 11.26

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 7 Apr 2022 20:52

Tot Ion:164 Resp: 59362

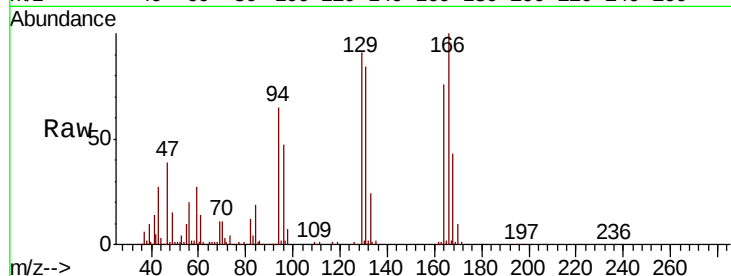
Ion Ratio Lower Upper

164 100

166 128.2 101.0 151.6

129 116.1 88.7 133.1

131 108.4 81.8 122.6

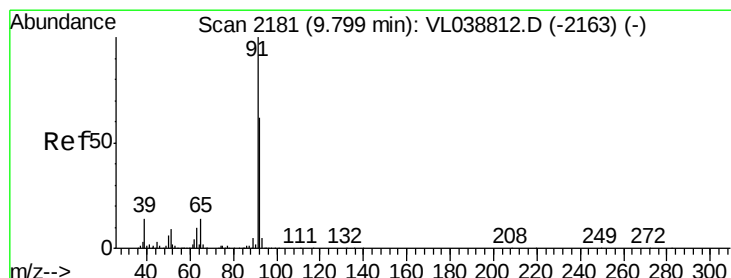
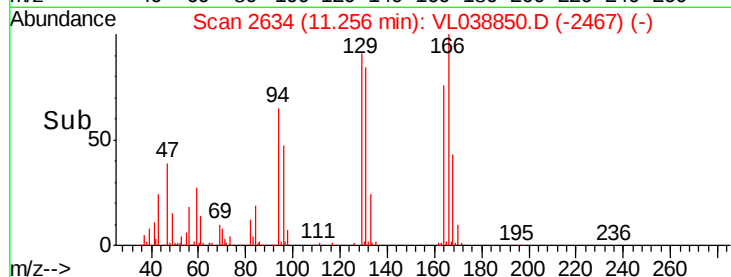
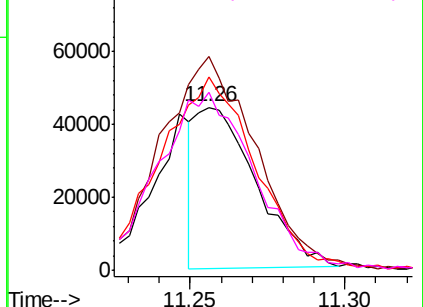


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 165.90 (165.60 to 166.60): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V



#53

Toluene

Concen: 5.813 ppbv

RT: 9.84 min Scan# 2193

Delta R.T. 0.04 min

Lab File: VL038850.D

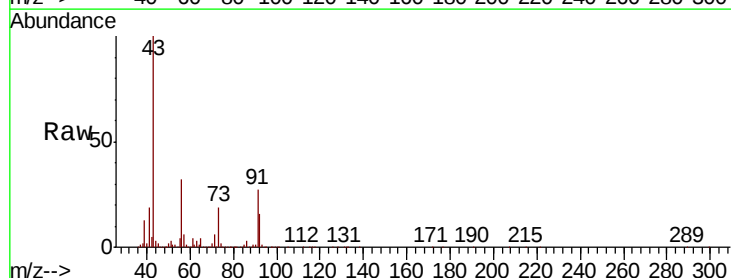
Acq: 7 Apr 2022 20:52

Tgt Ion: 91 Resp: 1891012

Ion Ratio Lower Upper

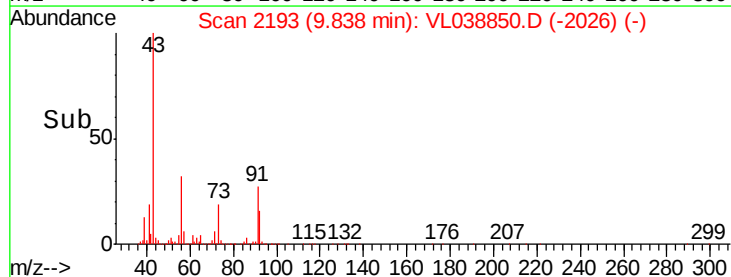
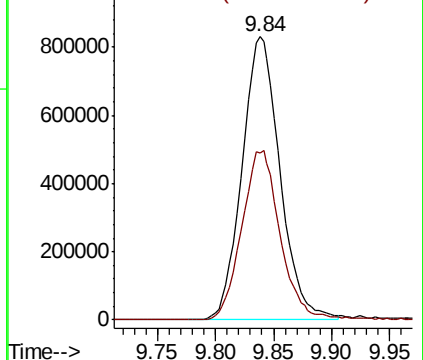
91 100

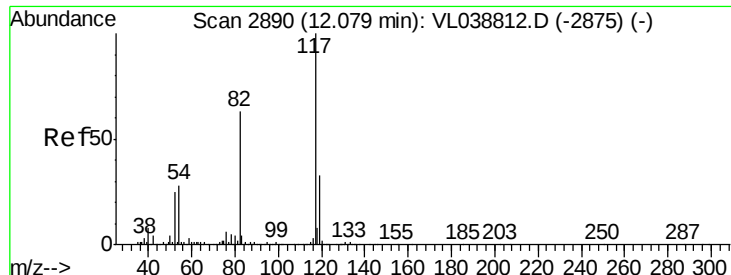
92 61.4 49.2 73.8



Abundance Ion 91.10 (90.80 to 91.80): VL0

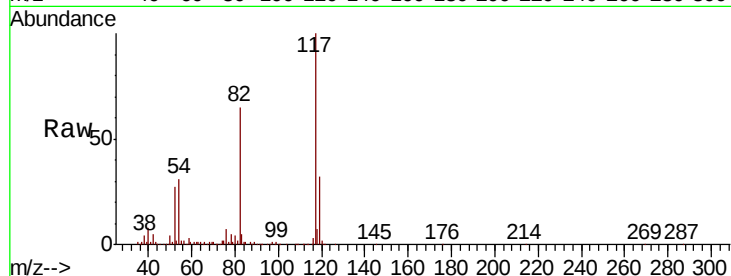
Ion 92.10 (91.80 to 92.80): VL0



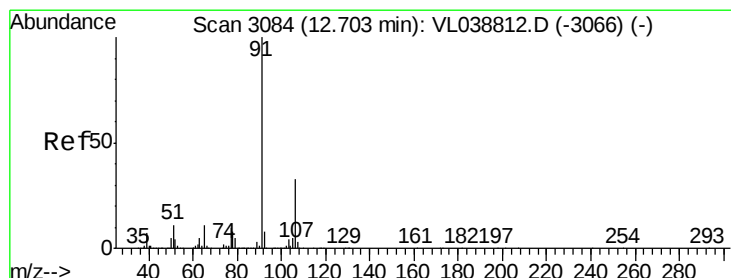
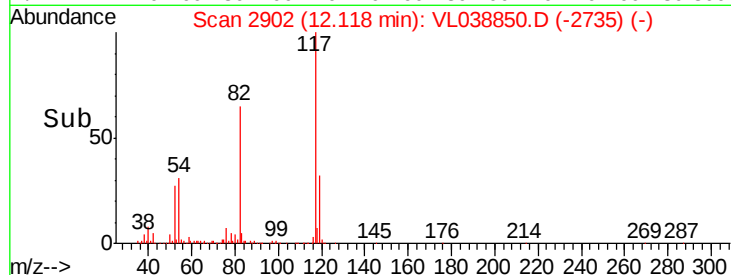
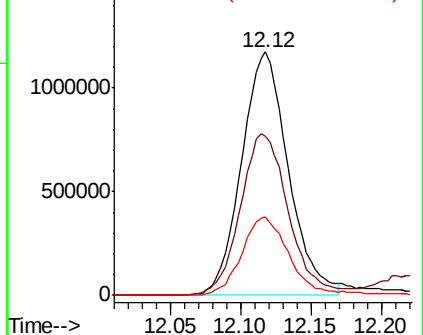


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.12 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 7 Apr 2022 20:52

Tot Ion: 117 Resp: 2720001
Ion Ratio Lower Upper
117 100
82 68.5 53.0 79.6
119 34.0 24.9 37.3

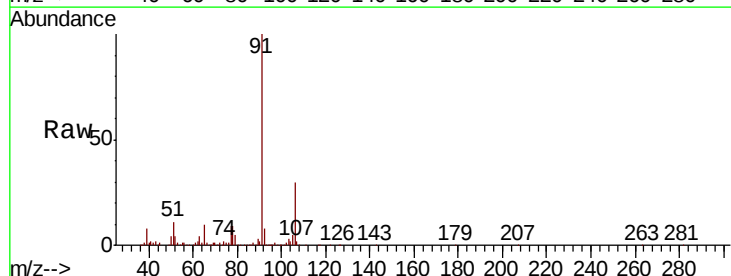


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V

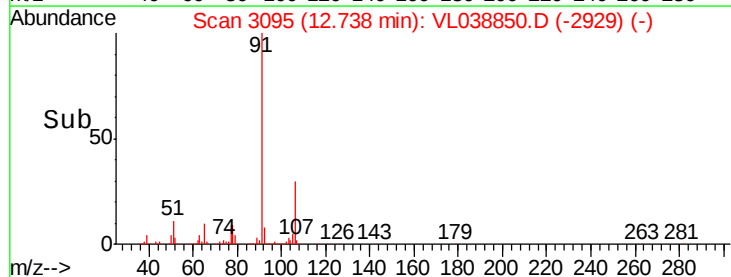
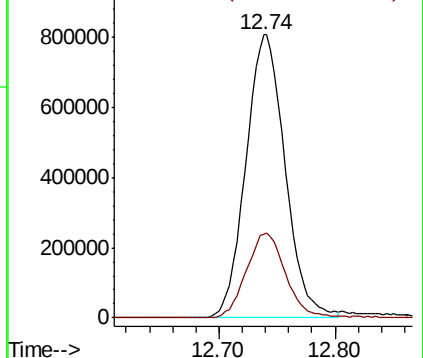


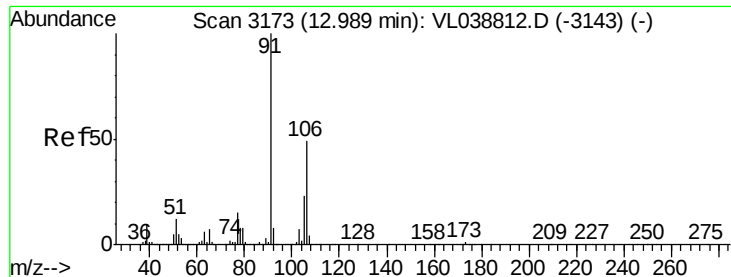
#58
Ethyl Benzene
Concen: 4.671 ppbv
RT: 12.74 min Scan# 3095
Delta R.T.: 0.04 min
Lab File: VL038850.D
Acq: 7 Apr 2022 20:52

Tgt Ion: 91 Resp: 1898620
Ion Ratio Lower Upper
91 100
106 29.8 26.7 40.1



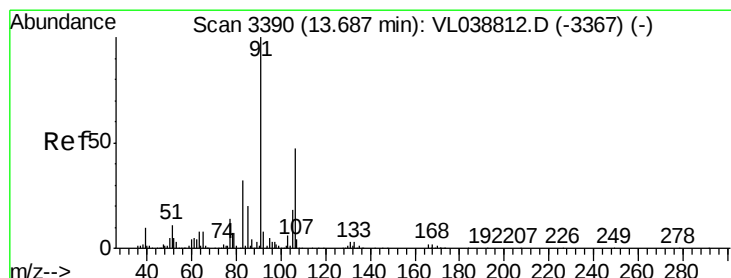
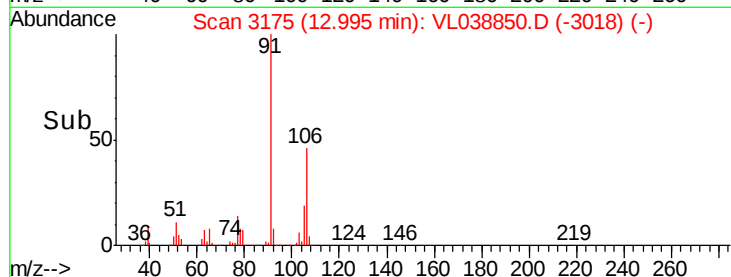
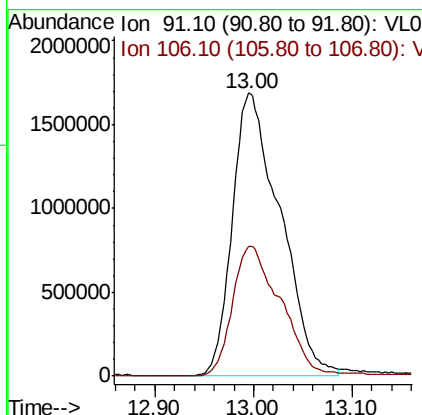
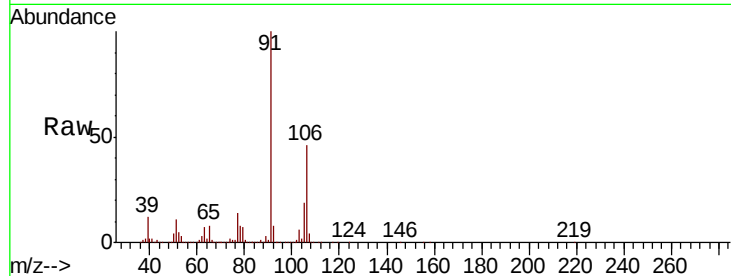
Abundance Ion 91.10 (90.80 to 91.80): VL0
Ion 106.10 (105.80 to 106.80): V





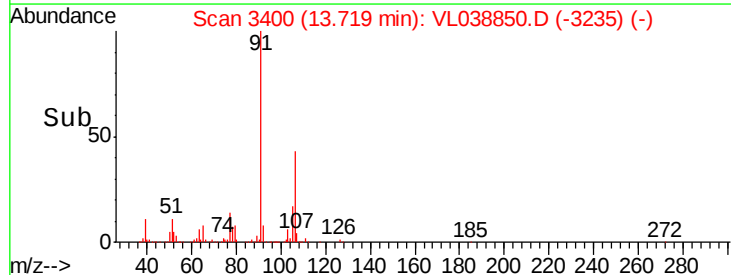
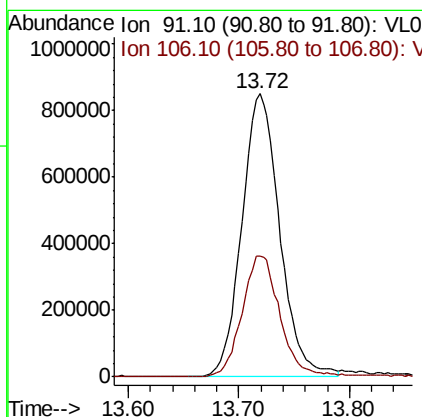
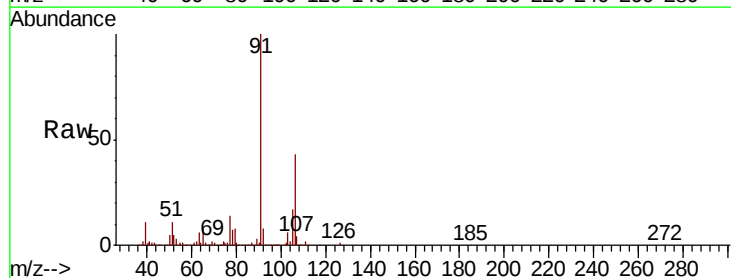
#59
m/p-Xylene
Concen: 16.539 ppbv
RT: 13.00
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 7 Apr 2022 20:52

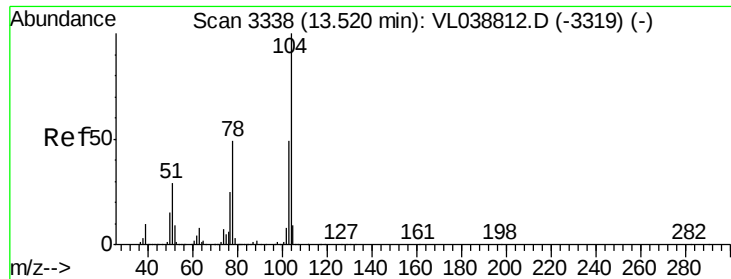
Tot Ion: 91 Resp: 5647633
Ion Ratio Lower Upper
91 100
106 47.6 37.1 55.7



#60
o-Xylene
Concen: 6.305 ppbv
RT: 13.72 min Scan# 3400
Delta R.T. 0.03 min
Lab File: VL038850.D
Acq: 7 Apr 2022 20:52

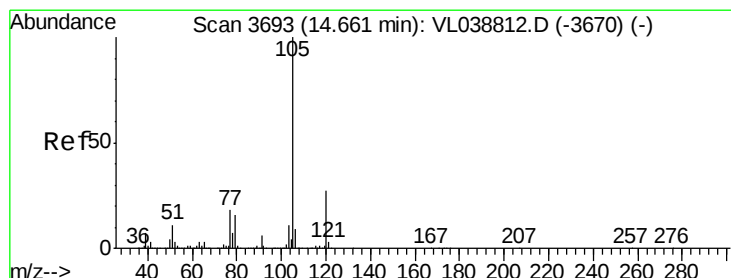
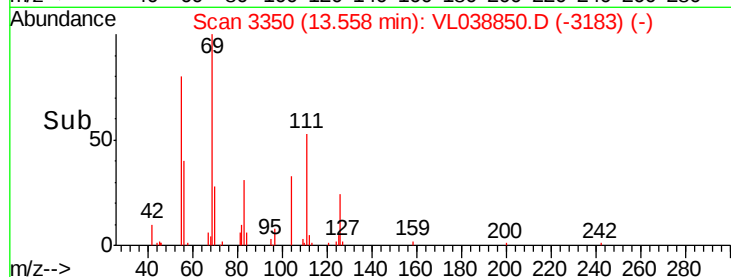
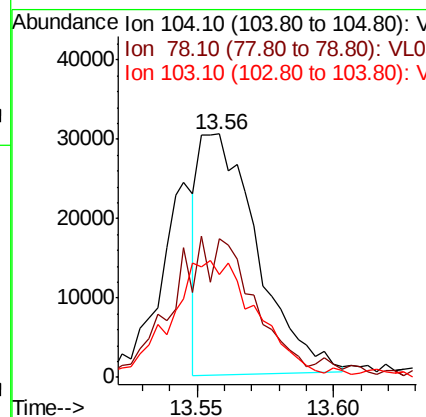
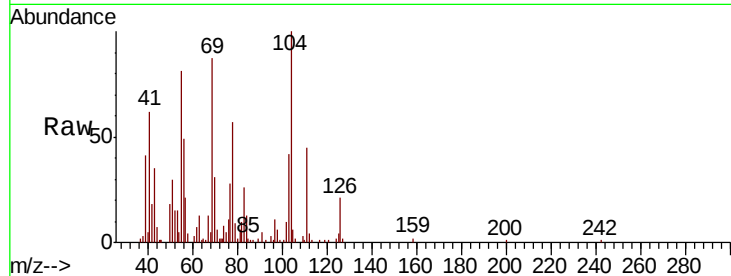
Tgt Ion: 91 Resp: 2014710
Ion Ratio Lower Upper
91 100
106 43.6 23.8 71.4





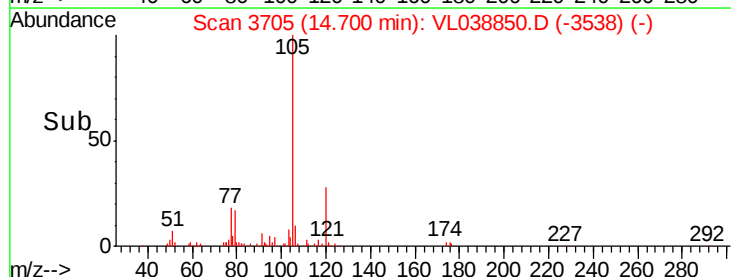
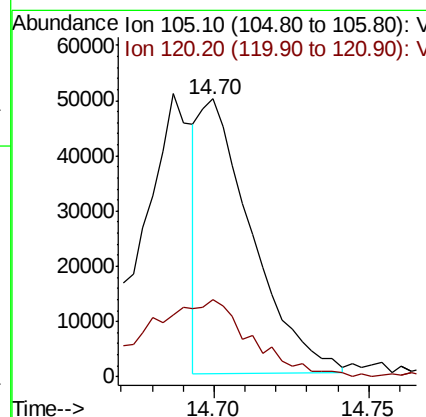
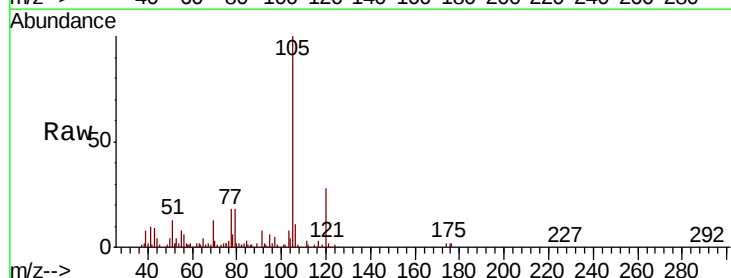
#61
Stvrene
Concen: 0.232 ppbv
RT: 13.56
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 7 Apr 2022 20:52

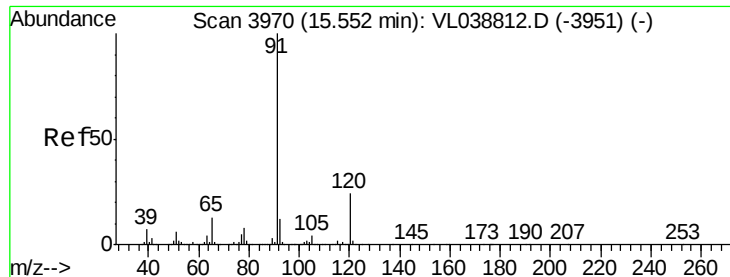
Tot Ion:104 Resp: 45070
Ion Ratio Lower Upper
104 100
78 87.3 40.5 60.7#
103 76.2 39.0 58.4#



#62
Isopropylbenzene
Concen: 0.122 ppbv
RT: 14.70 min Scan# 3705
Delta R.T. 0.04 min
Lab File: VL038850.D
Acq: 7 Apr 2022 20:52

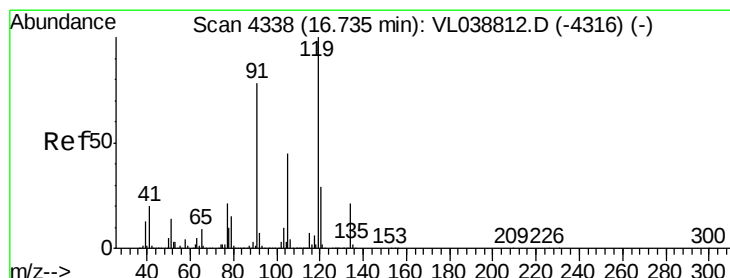
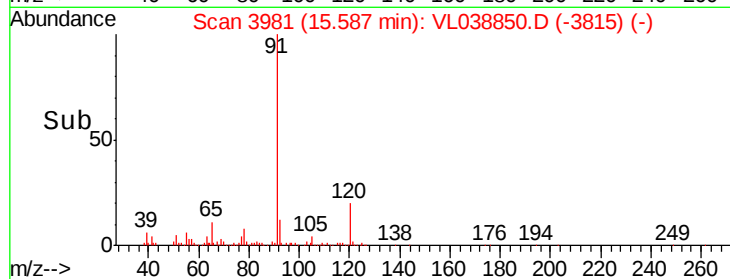
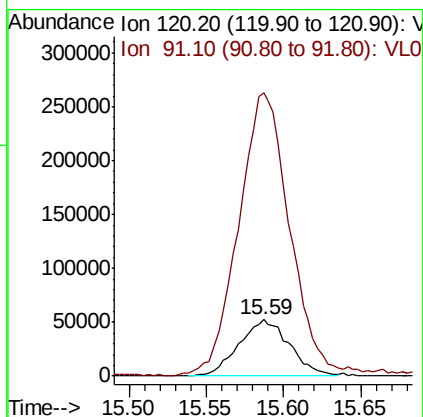
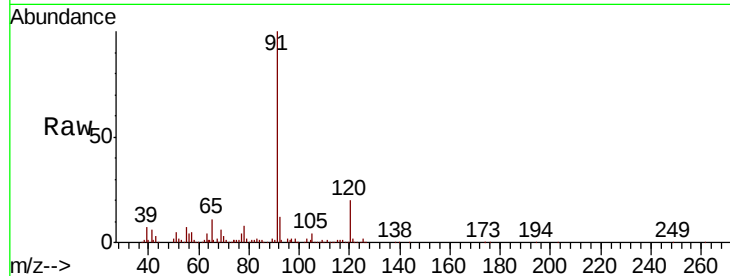
Tgt Ion:105 Resp: 58514
Ion Ratio Lower Upper
105 100
120 56.9 21.8 32.8#





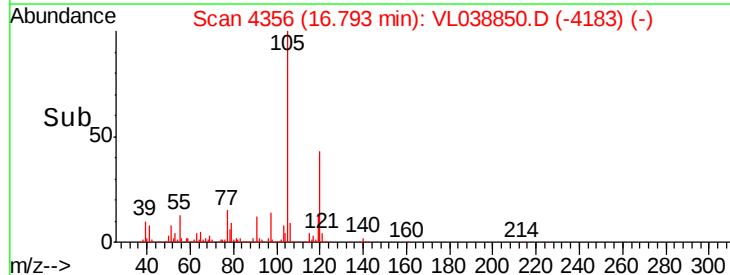
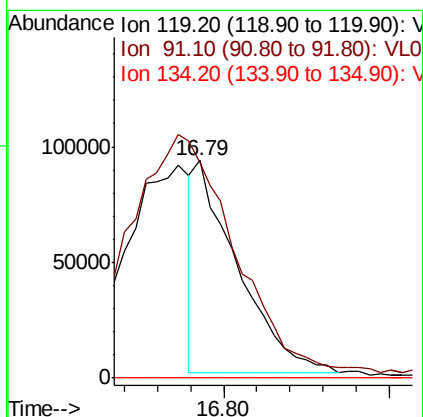
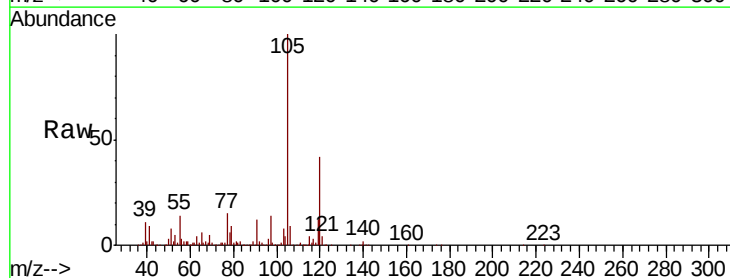
#64
n-propylbenzene
Concen: 0.960 ppbv
RT: 15.59 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 7 Apr 2022 20:52

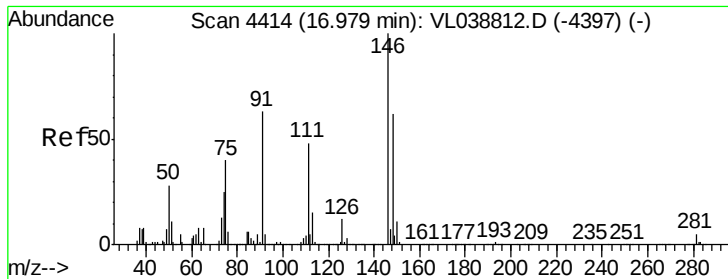
Tot Ion:120 Resp: 119515
Ion Ratio Lower Upper
120 100
91 509.2 360.6 540.8



#65
tert-Butylbenzene
Concen: 0.193 ppbv
RT: 16.79 min Scan# 4356
Delta R.T.: 0.06 min
Lab File: VL038850.D
Acq: 7 Apr 2022 20:52

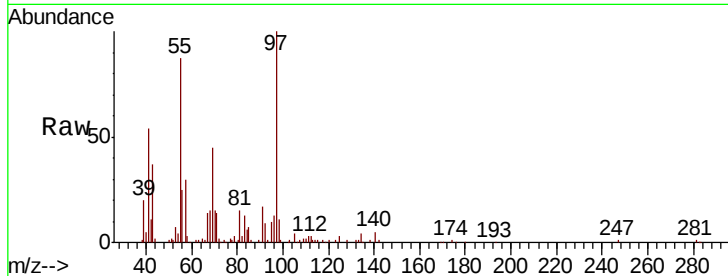
Tgt Ion:119 Resp: 81966
Ion Ratio Lower Upper
119 100
91 0.0 62.8 94.2#
134 0.0 16.2 24.4#



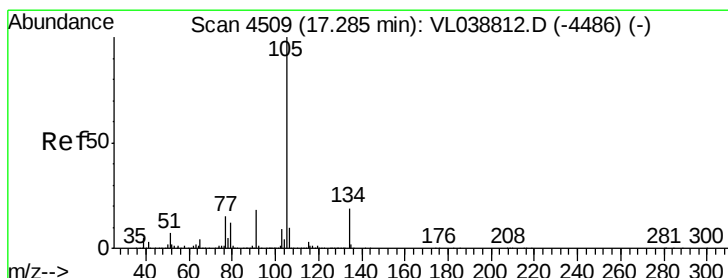
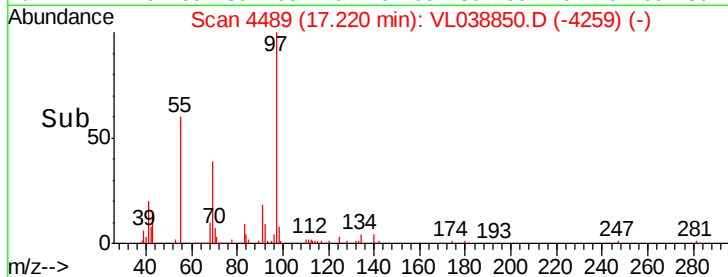
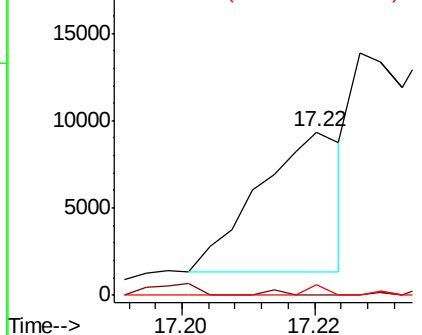


#66
Benzyl Chloride
Concen: 0.082 ppbv
RT: 17.22 min
Delta R.T. MSVOA.L
Lab File: ClientSampleId : 1160-1-SG-1
Acq: 7 Apr 2022 20:52

Tot Ion: 91 Resp: 7062
Ion Ratio Lower Upper
91 100
126 5.4 15.4 23.0#
128 0.0 4.7 7.1#

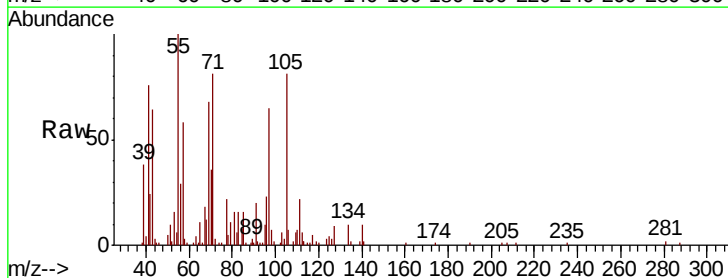


Abundance Ion 91.10 (90.80 to 91.80): VL0
Ion 126.10 (125.80 to 126.80): V
Ion 128.10 (127.80 to 128.80): V

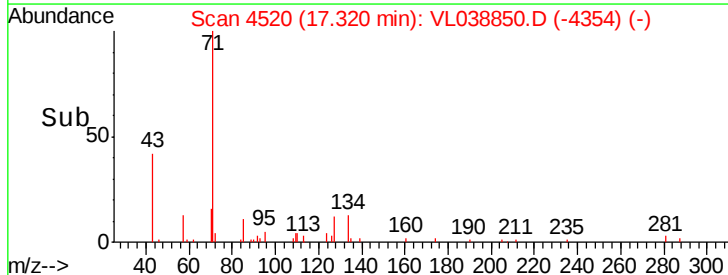
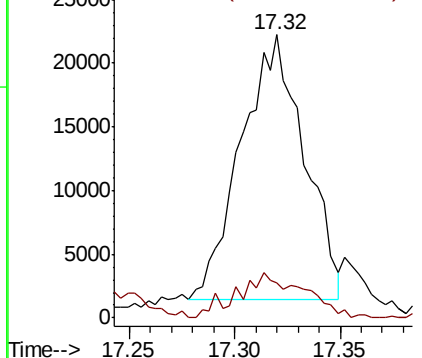


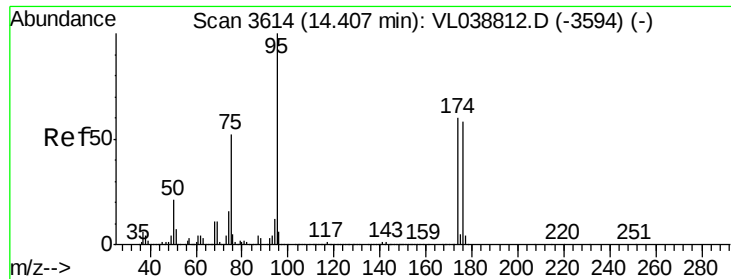
#67
sec-Butylbenzene
Concen: 0.073 ppbv
RT: 17.32 min Scan# 4520
Delta R.T. 0.04 min
Lab File: VL038850.D
Acq: 7 Apr 2022 20:52

Tgt Ion: 105 Resp: 43397
Ion Ratio Lower Upper
105 100
134 18.0 15.1 22.7



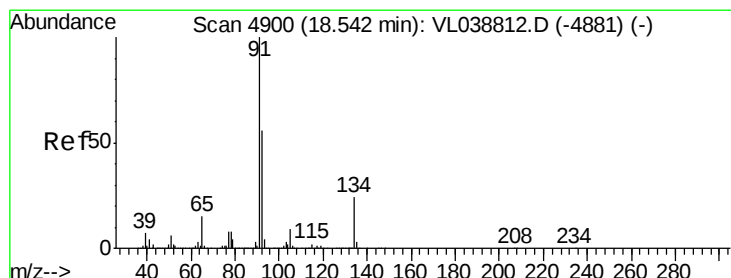
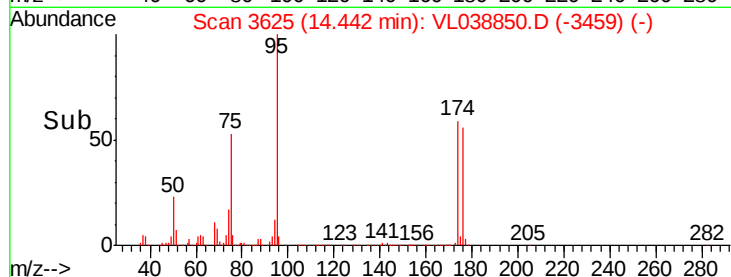
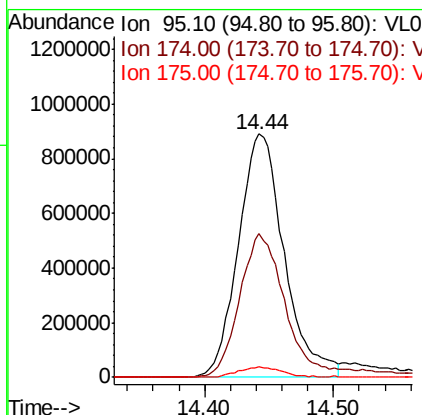
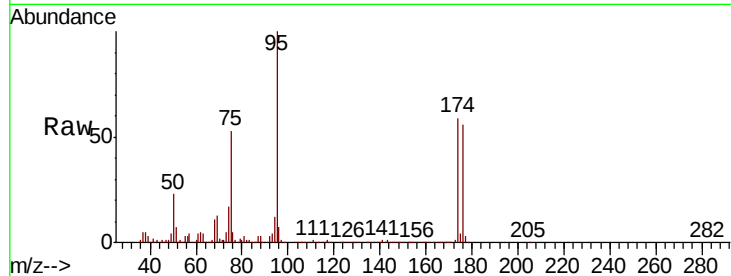
Abundance Ion 105.10 (104.80 to 105.80): V
Ion 134.20 (133.90 to 134.90): V





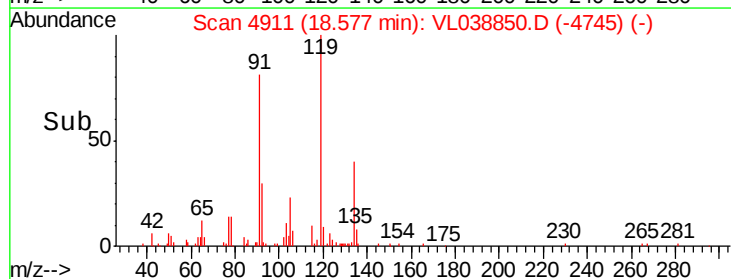
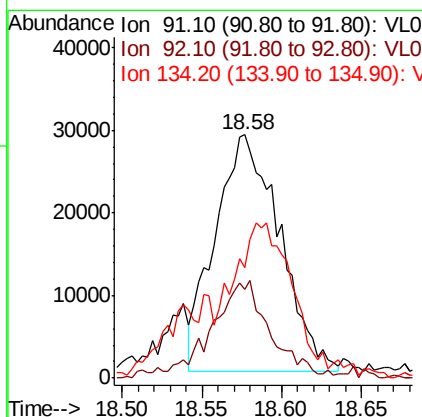
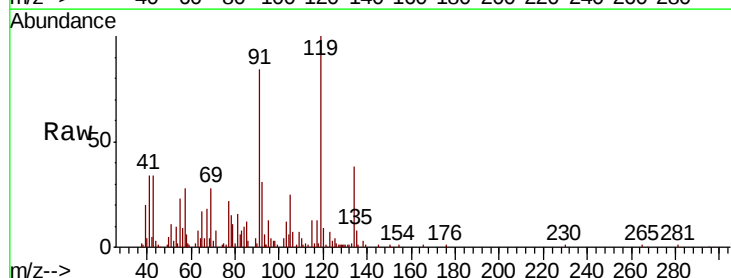
#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.638 ppbv
 RT: 14.44 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 7 Apr 2022 20:52

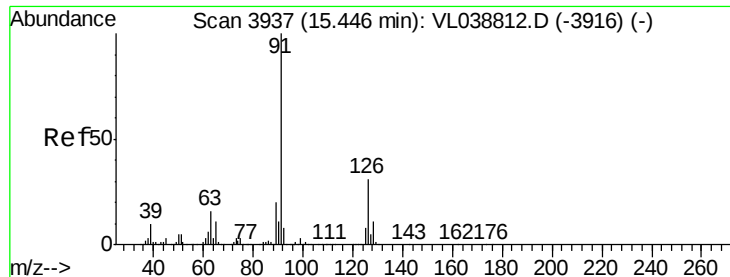
Tot Ion: 95 Resp: 2194870
 Ion Ratio Lower Upper
 95 100
 174 63.5 52.0 78.0
 175 4.2 4.0 6.0



#70
 n-Butylbenzene
 Concen: 0.161 ppbv
 RT: 18.58 min Scan# 4911
 Delta R.T. 0.04 min
 Lab File: VL038850.D
 Acq: 7 Apr 2022 20:52

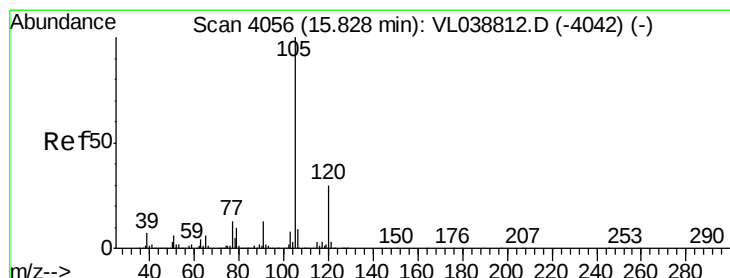
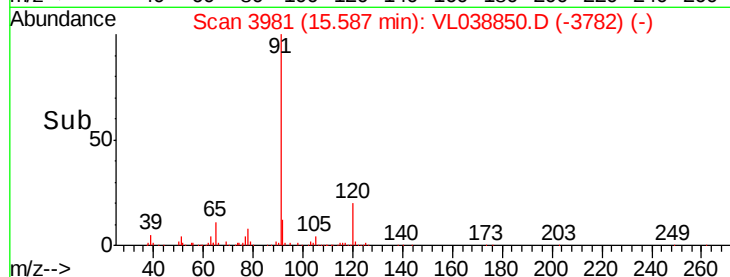
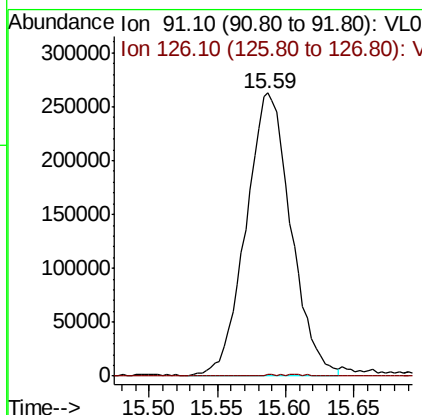
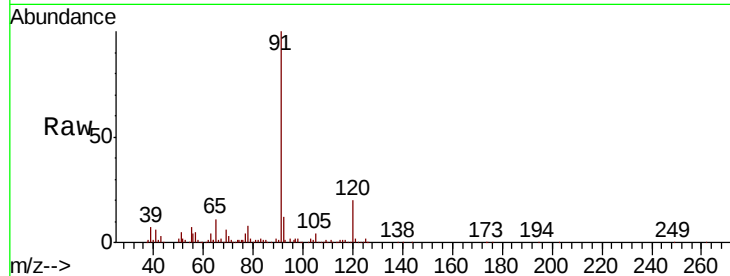
Tgt Ion: 91 Resp: 79501
 Ion Ratio Lower Upper
 91 100
 92 39.2 44.6 66.8#
 134 87.3 19.2 28.8#





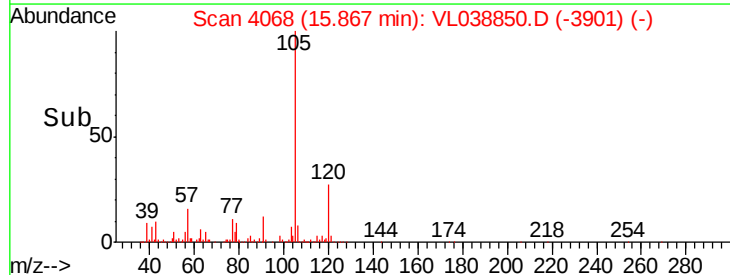
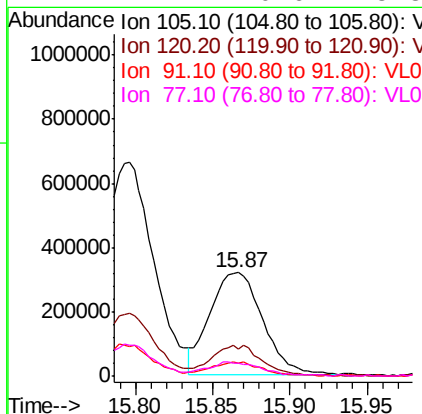
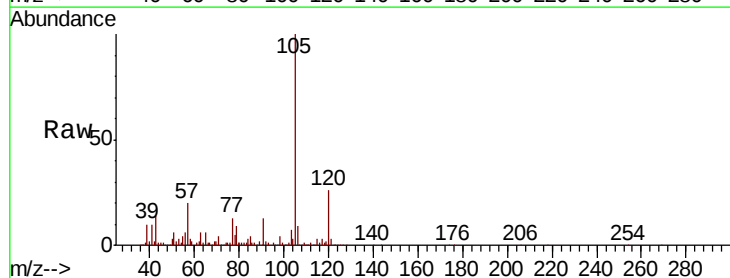
#71
 2-Chlorotoluene
 Concen: 1.654 ppbv
 RT: 15.59 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : 1160-1-SG-1
 Acq: 7 Apr 2022 20:52

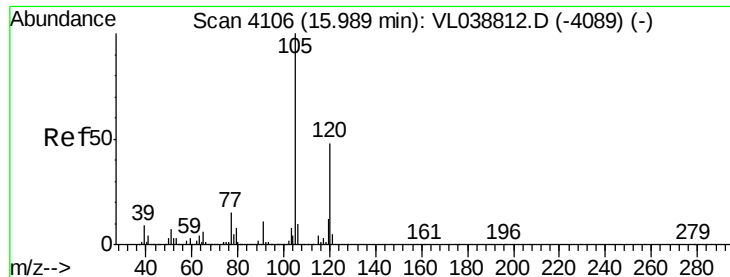
Tot Ion: 91 Resp: 596472
 Ion Ratio Lower Upper
 91 100
 126 0.6 13.0 51.8#



#72
 4-Ethyltoluene
 Concen: 1.977 ppbv
 RT: 15.87 min Scan# 4068
 Delta R.T. 0.04 min
 Lab File: VL038850.D
 Acq: 7 Apr 2022 20:52

Tgt Ion: 105 Resp: 754291
 Ion Ratio Lower Upper
 105 100
 120 29.5 24.3 36.5
 91 12.8 9.4 14.2
 77 14.2 10.6 15.8





#73

1,3,5-Trimethylbenzene

Concen: 1.963 ppbv

RT: 16.02

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

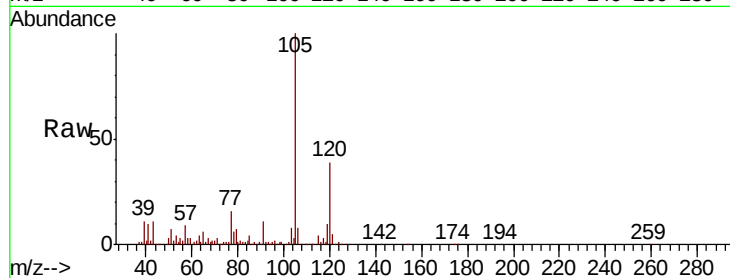
Acq: 7 Apr 2022 20:52

Tot Ion:105 Resp: 672775

Ion Ratio Lower Upper

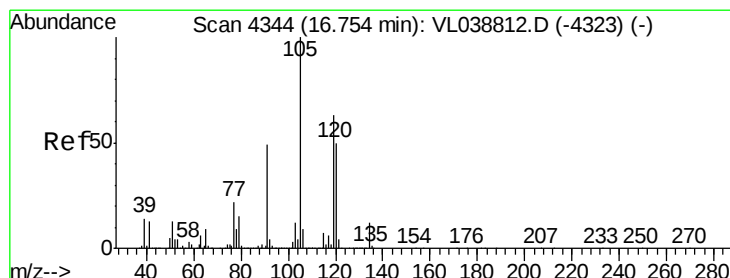
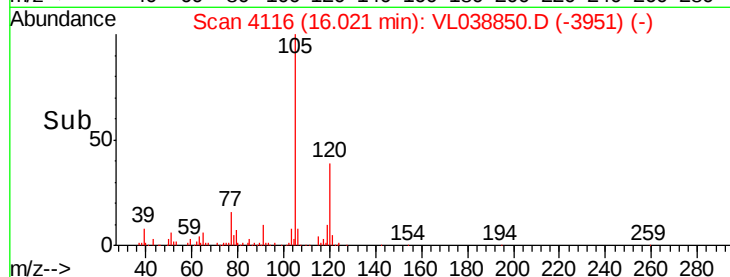
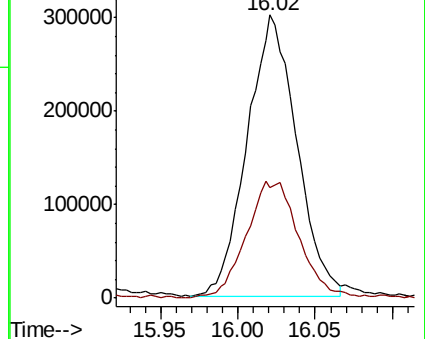
105 100

120 38.9 38.7 58.1



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V



#74

1,2,4-Trimethylbenzene

Concen: 5.640 ppbv

RT: 16.79 min Scan# 4355

Delta R.T. 0.04 min

Lab File: VL038850.D

Acq: 7 Apr 2022 20:52

Tgt Ion:105 Resp: 2043532

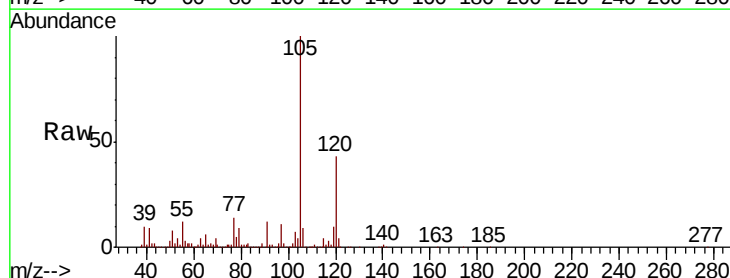
Ion Ratio Lower Upper

105 100

120 43.1 39.8 59.8

91 12.1 39.4 59.0#

77 13.6 17.3 25.9#

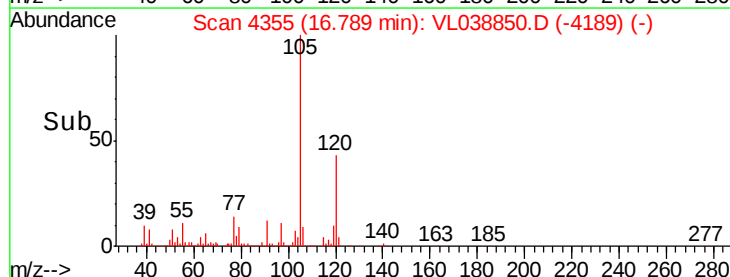
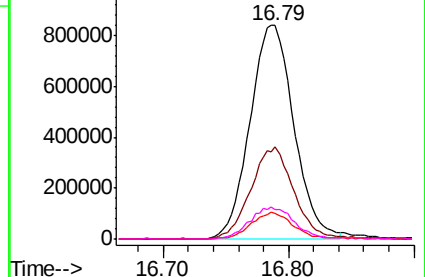


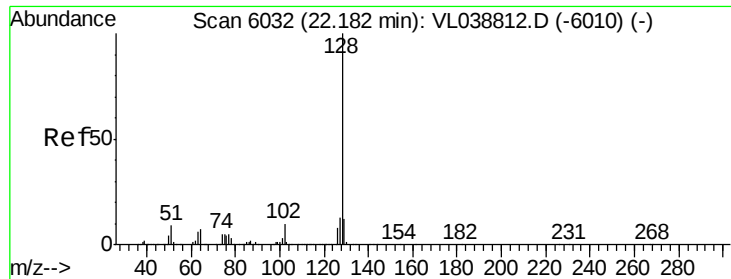
Abundance Ion 105.10 (104.80 to 105.80): V

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





#79

Naphthalene

Concen: 0.040 ppbv

RT: 22.22 Instrument:

Delta R.T MSVOA_L

Lab File: ClientSampleId:

Acq: 7 Apr 2022 20:52

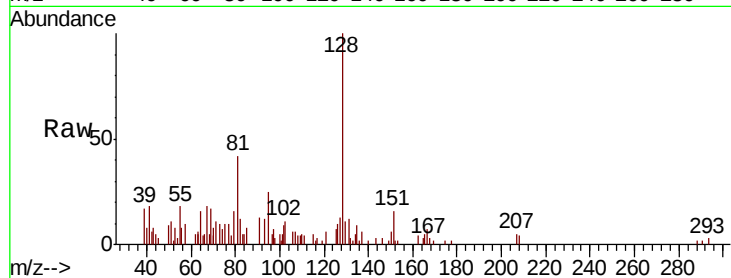
Tot Ion:128 Resp: 10764

Ion Ratio Lower Upper

128 100

127 10.9 10.6 15.8

129 12.0 9.4 14.0



Abundance Ion 128.10 (127.80 to 128.80): V

Ion 127.10 (126.80 to 127.80): V

Ion 129.10 (128.80 to 129.80): V

