

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL022322\
 Data File : VL038409.D
 Acq On : 23 Feb 2022 15:34
 Operator : SY/AP
 Sample : N1607-03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 DUP-1

Quant Time: Feb 24 07:26:28 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022222AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Feb 22 19:45:51 2022
 QLast Update : Tue Feb 22 19:45:51 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	889447	10.00	ppbv	0.03
33) 1,4-Difluorobenzene	7.18	114	2179576	10.00	ppbv	0.03
55) Chlorobenzene-d5	12.09	117	1914980	10.00	ppbv	0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	1600185	10.10	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.00%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.06	85	34934	0.25	ppbv	95
3) Chlorodifluoromethane	3.04	51	100053	0.64	ppbv #	61
4) Chloromethane	3.15	50	5808	0.11	ppbv #	73
9) Propene	3.21	41	253075	4.88	ppbv	96
10) Heptane	8.13	43	266613	2.11	ppbv	97
11) Trichlorofluoromethane	3.96	101	18216	0.14	ppbv #	83
12) 1,1,2-Trichlorotrifluoroet	4.49	101	3388	0.03	ppbv #	15
13) Ethanol	3.62	45	377009	72.85	ppbv	86
15) Acetone	3.86	43	488954	6.46	ppbv	97
16) 1,3-Butadiene	3.32	39	16581	0.33	ppbv #	12
17) tert-Butyl alcohol	4.30	59	21512	0.29	ppbv #	72
19) Isopropyl Alcohol	3.98	45	178705	4.08	ppbv #	1
20) Methylene Chloride	4.35	84	766677	20.46	ppbv	98
23) Vinyl Acetate	5.08	43	16641	0.17	ppbv #	1
25) Ethyl Acetate	5.69	43	520579	2.56	ppbv #	78
26) Hexane	5.69	57	725401	7.88	ppbv #	43
27) Carbon Disulfide	4.96	76	120623	1.18	ppbv #	79
29) Chloroform	5.76	83	6215	0.04	ppbv	95
30) Cyclohexane	7.13	84	26278	0.35	ppbv #	1
34) 2-Butanone	5.25	43	40827	0.60	ppbv #	85
36) Benzene	6.90	78	45045	0.23	ppbv #	94
39) 1,2-Dichloropropane	7.18	63	568968	7.44	ppbv #	25
40) 1,4-Dioxane	7.84	88	554	0.03	ppbv #	1
41) Tetrahydrofuran	6.06	42	13969	0.30	ppbv #	38
42) Bromodichloromethane	7.80	83	5321	0.03	ppbv #	24
44) 2,2,4-Trimethylpentane	7.87	57	312618	0.95	ppbv #	77
50) 4-Methyl-2-Pentanone	8.76	43	5028	0.04	ppbv #	40
51) 2-Hexanone	10.19	43	3003	0.06	ppbv #	19
53) Toluene	9.81	91	1481246	7.11	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.69	131	23715	0.30	ppbv #	1
57) Chlorobenzene	12.19	112	64703	0.44	ppbv #	34
58) Ethyl Benzene	12.71	91	232959	0.89	ppbv	97
59) m/p-Xylene	12.97	91	830805	3.69	ppbv	96
60) o-Xylene	13.69	91	83721	0.39	ppbv #	15
62) Isopropylbenzene	14.67	105	98978	0.35	ppbv	99
64) n-propylbenzene	15.56	120	53879	0.76	ppbv	89
65) tert-Butylbenzene	16.76	119	87093	0.35	ppbv #	50
66) Benzyl Chloride	16.97	91	704	0.05	ppbv #	1
67) sec-Butylbenzene	17.30	105	51228	0.15	ppbv #	59
69) p-Isopropyltoluene	17.64	119	63106	0.23	ppbv	93
70) n-Butylbenzene	18.55	91	73500	0.26	ppbv #	1

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QLast Update : Tue Feb 22 19:45:51 2022
Response via : Initial Calibration

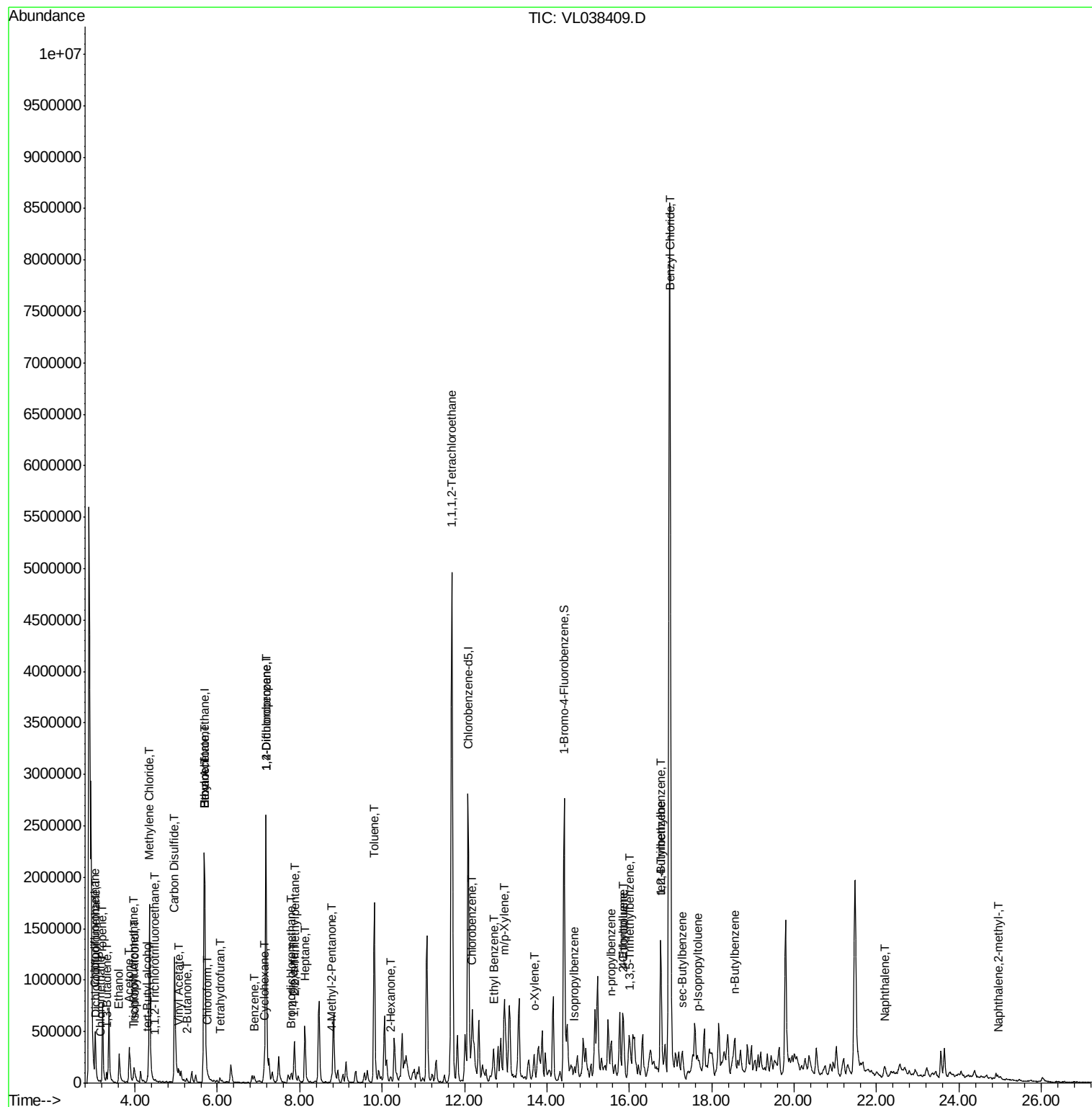
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
71) 2-Chlorotoluene	15.83	91	10661	0.05	ppbv	80
72) 4-Ethyltoluene	15.84	105	245626	1.05	ppbv	98
73) 1,3,5-Trimethylbenzene	16.00	105	265623	1.25	ppbv	96
74) 1,2,4-Trimethylbenzene	16.76	105	820027	3.65	ppbv #	69
79) Naphthalene	22.20	128	8773	0.07	ppbv	94
80) Naphthalene,2-methyl-	24.97	142	6394	0.27	ppbv #	61

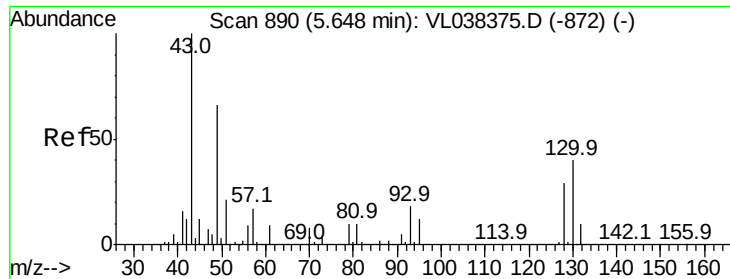
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.67 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 23 Feb 2022 15:34 DUP-1

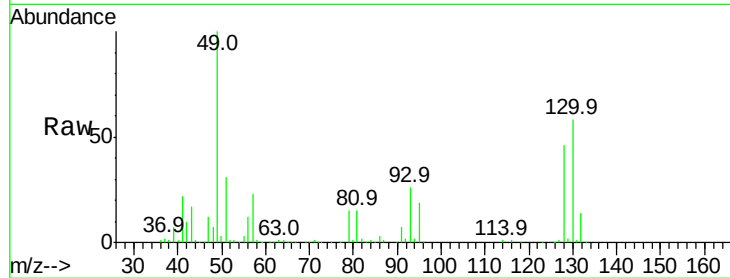
Tgt Ion: 49 Resp: 889447

Ion Ratio Lower Upper

49 100

128 47.3 24.3 72.9

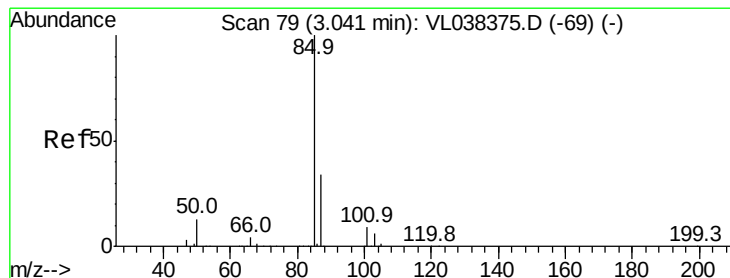
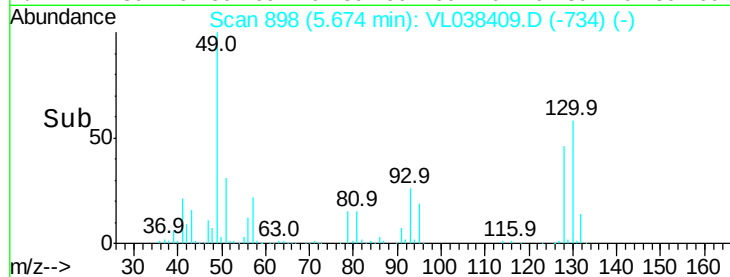
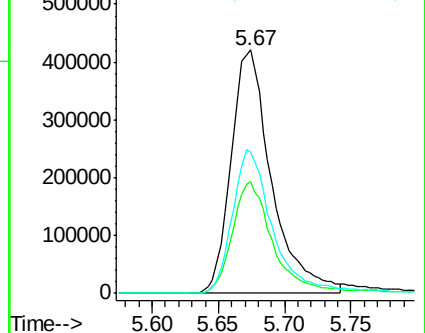
130 60.6 30.1 90.5



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: 0.25 ppbv

RT: 3.06 min Scan# 86

Delta R.T. 0.02 min

Lab File: VL038409.D

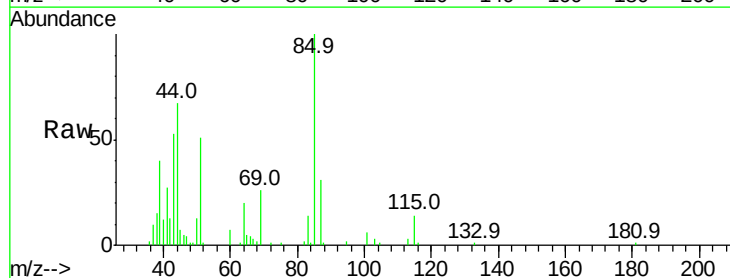
Acq: 23 Feb 2022 15:34

Tgt Ion: 85 Resp: 34934

Ion Ratio Lower Upper

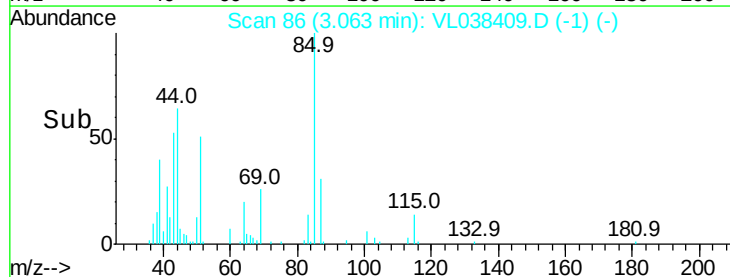
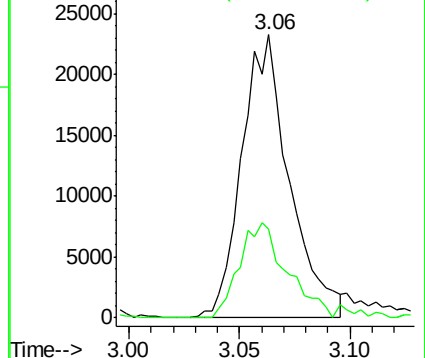
85 100

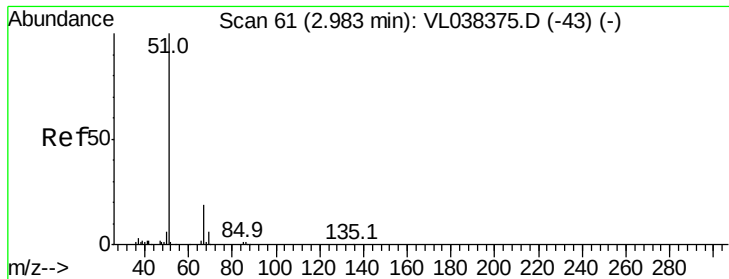
87 31.5 27.4 41.0



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.64 ppbv

RT: 3.04 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

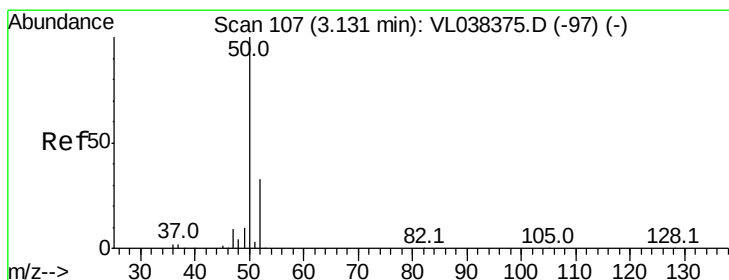
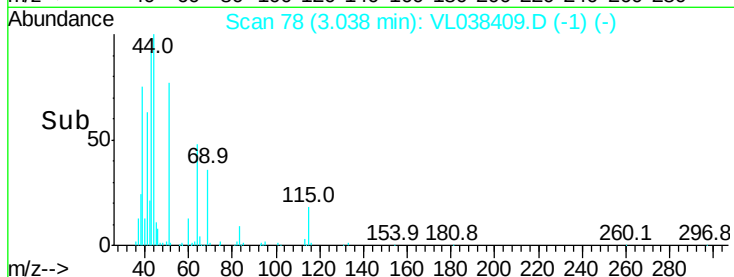
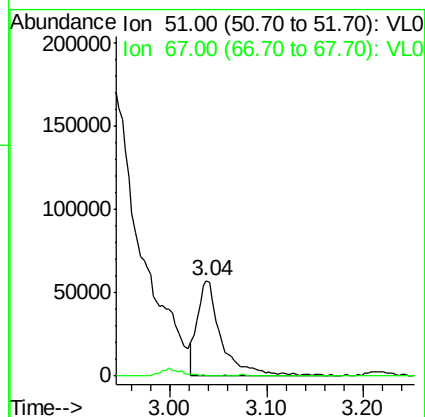
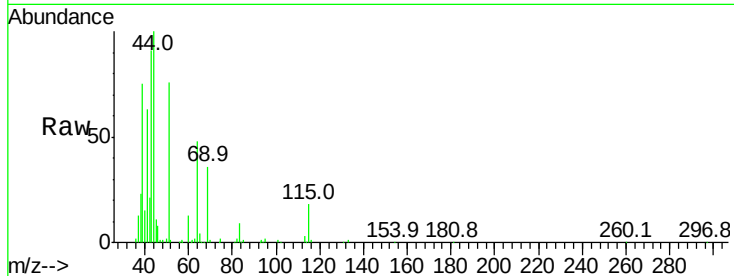
Acq: 23 Feb 2022 15:34 DUP-1

Tgt Ion: 51 Resp: 100053

Ion Ratio Lower Upper

51 100

67 1.1 14.7 22.1#



#4

Chloromethane

Concen: 0.11 ppbv

RT: 3.15 min Scan# 112

Delta R.T. 0.02 min

Lab File: VL038409.D

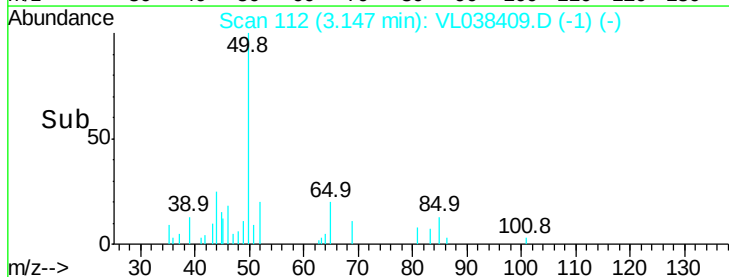
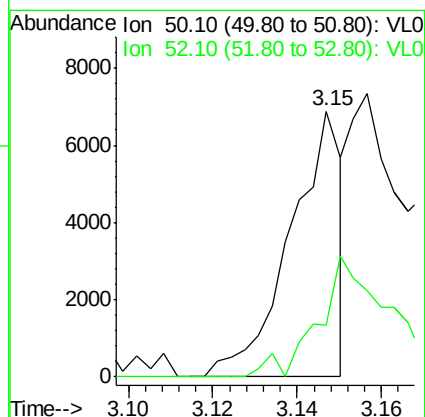
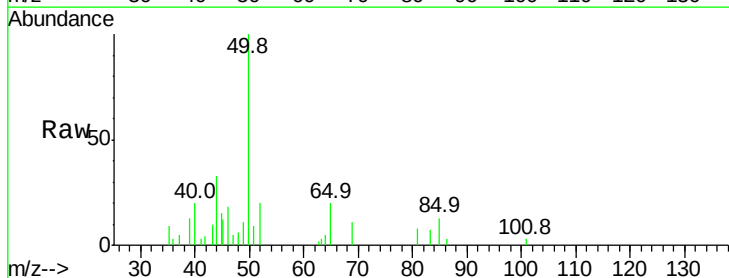
Acq: 23 Feb 2022 15:34

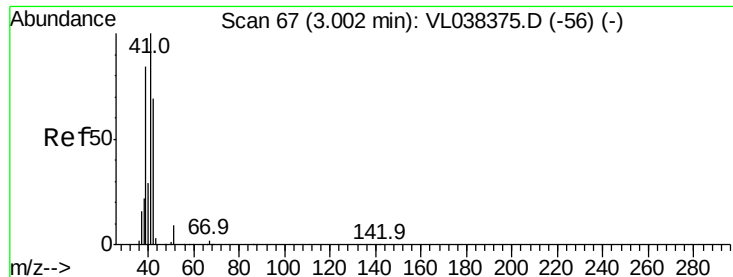
Tgt Ion: 50 Resp: 5808

Ion Ratio Lower Upper

50 100

52 18.0 26.5 39.7#





#9

Propene

Concen: 4.88 ppbv

RT: 3.21 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

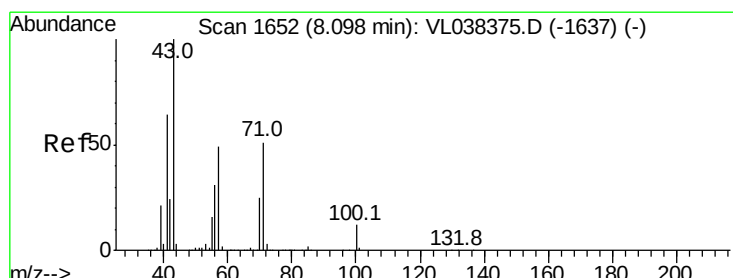
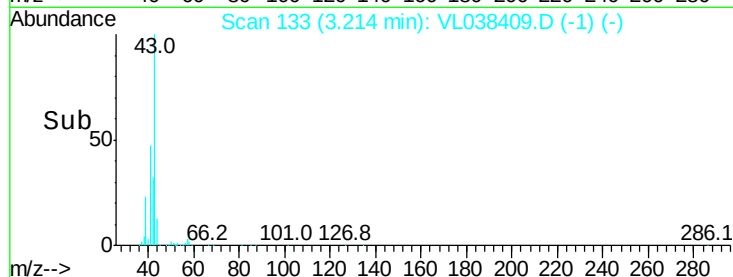
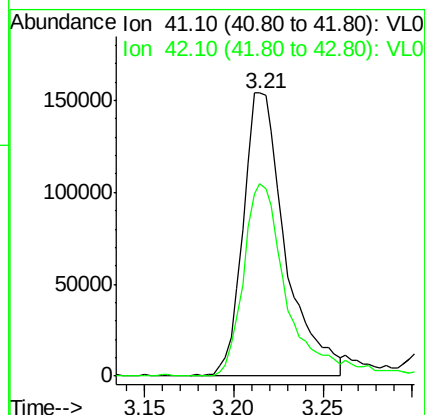
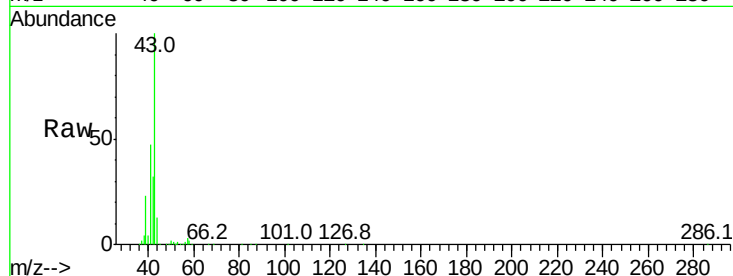
Acq: 23 Feb 2022 15:34 DUP-1

Tgt Ion: 41 Resp: 253075

Ion Ratio Lower Upper

41 100

42 71.8 54.6 82.0



#10

Heptane

Concen: 2.11 ppbv

RT: 8.13 min Scan# 1661

Delta R.T. 0.03 min

Lab File: VL038409.D

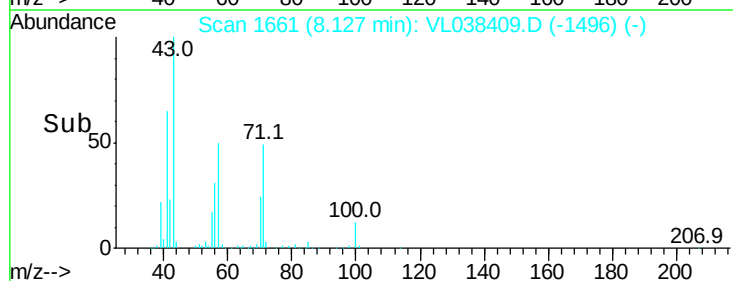
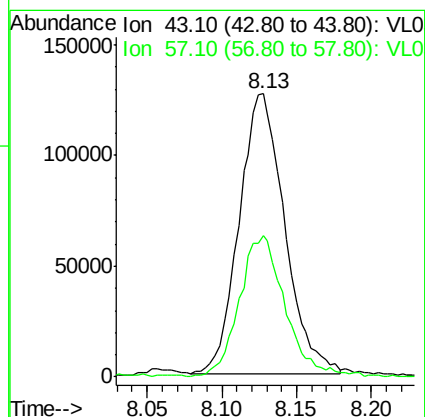
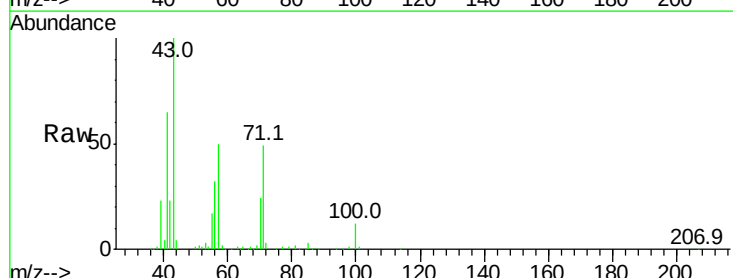
Acq: 23 Feb 2022 15:34

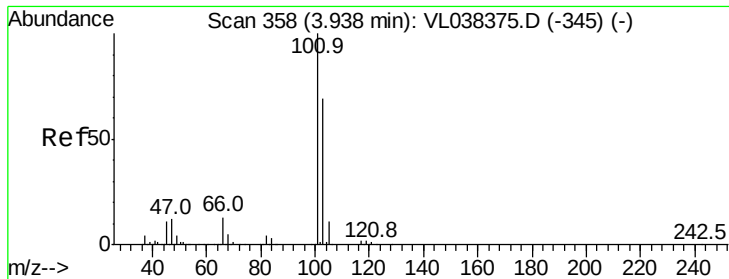
Tgt Ion: 43 Resp: 266613

Ion Ratio Lower Upper

43 100

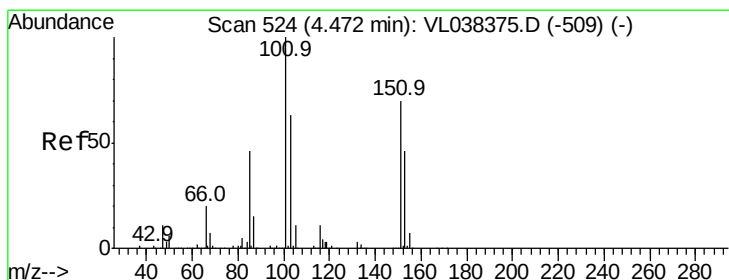
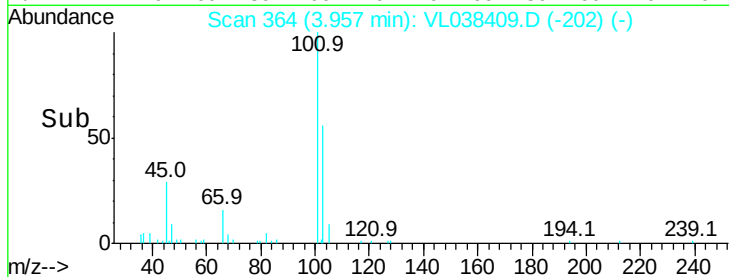
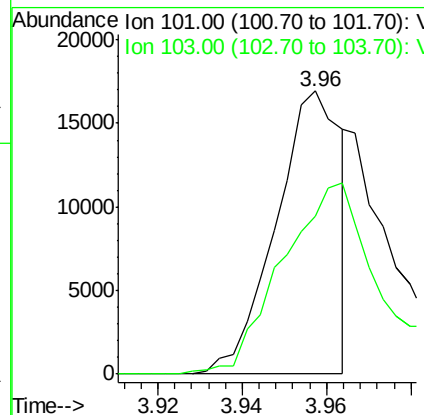
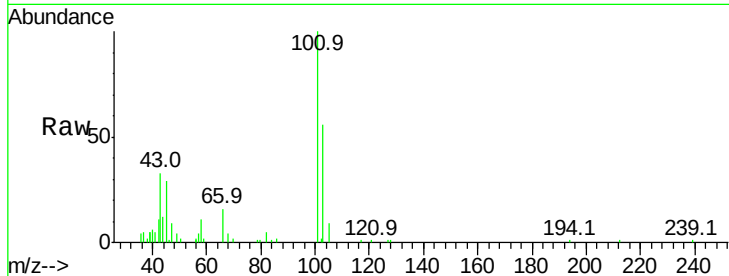
57 51.9 39.8 59.8





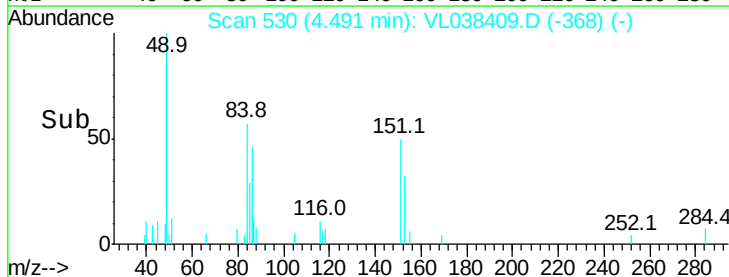
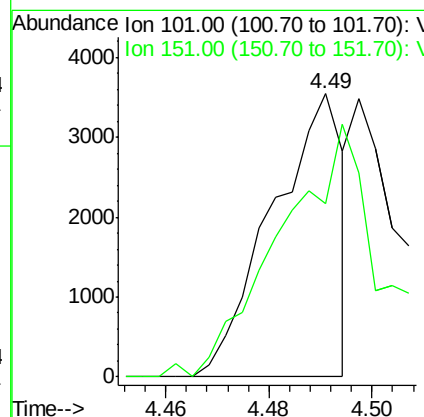
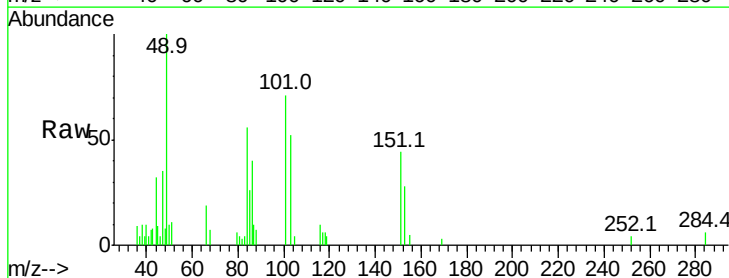
#11
 Trichlorofluoromethane
 Concen: 0.14 ppbv
 RT: 3.96
 Delta R.T. MSVOA_1
 Lab File: ClientSampleId:
 Acq: 23 Feb 2022 15:34 DUP-1

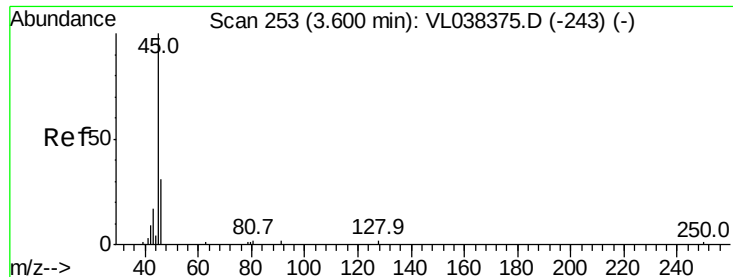
Tgt Ion:101 Resp: 18216
 Ion Ratio Lower Upper
 101 100
 103 54.6 55.0 82.4#



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.03 ppbv
 RT: 4.49 min Scan# 530
 Delta R.T. 0.02 min
 Lab File: VL038409.D
 Acq: 23 Feb 2022 15:34

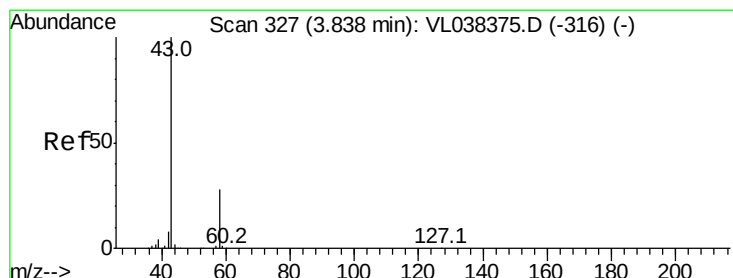
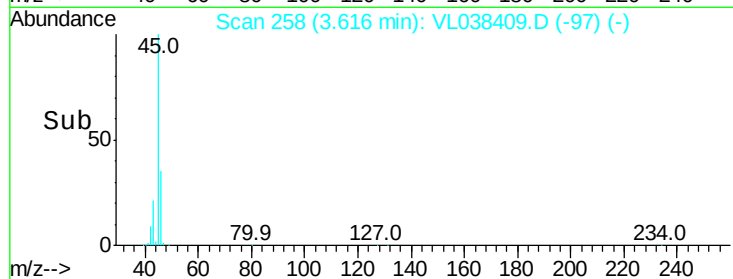
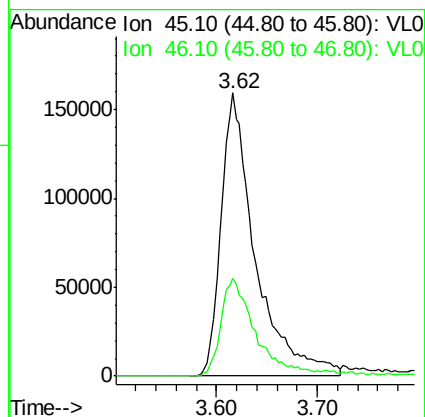
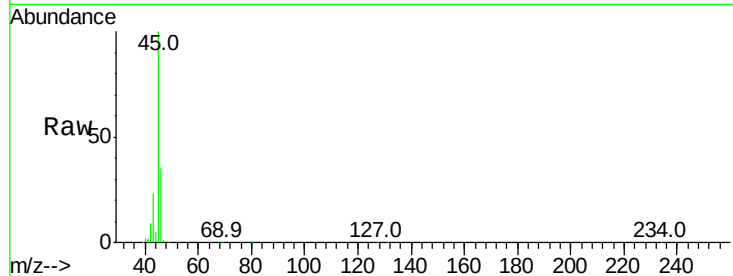
Tgt Ion:101 Resp: 3388
 Ion Ratio Lower Upper
 101 100
 151 0.0 55.9 83.9#





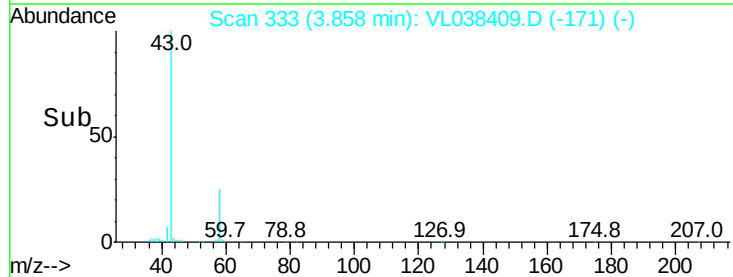
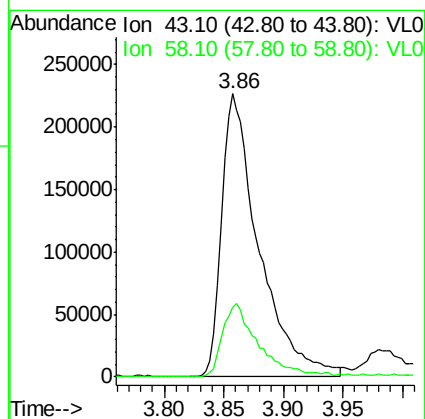
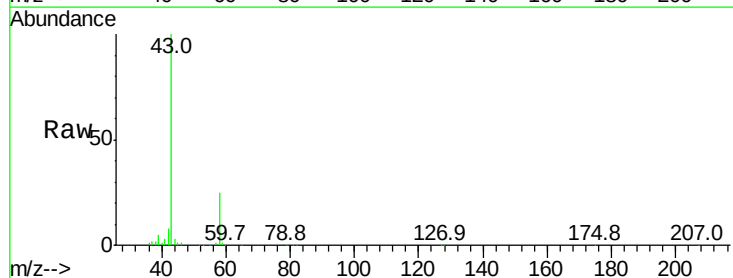
#13
Ethanol
Concen: 72.85 ppbv
RT: 3.62
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 23 Feb 2022 15:34

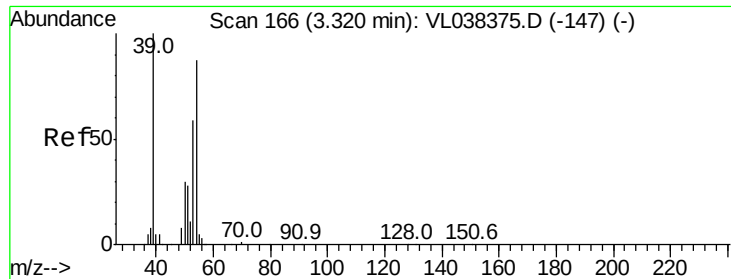
Tgt Ion: 45 Resp: 377009
Ion Ratio Lower Upper
45 100
46 36.2 18.2 72.8



#15
Acetone
Concen: 6.46 ppbv
RT: 3.86 min Scan# 333
Delta R.T. 0.02 min
Lab File: VL038409.D
Acq: 23 Feb 2022 15:34

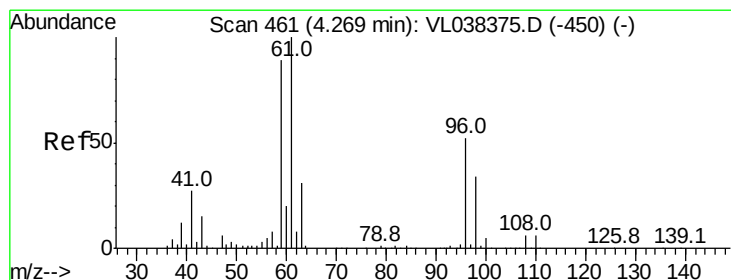
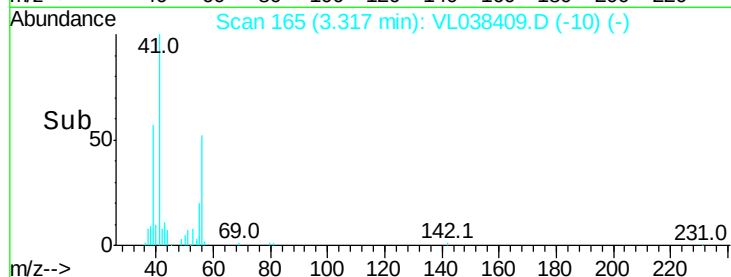
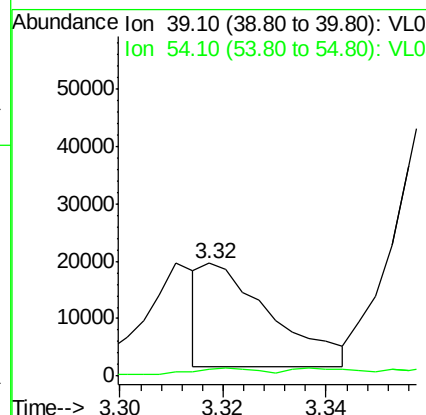
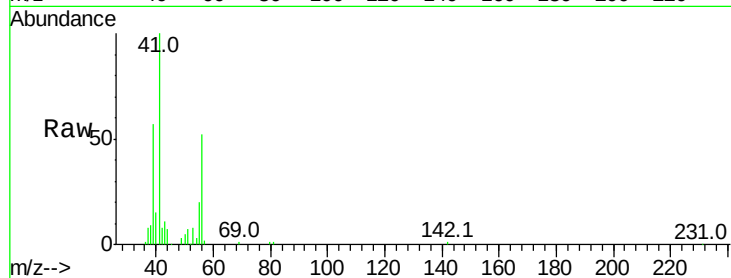
Tgt Ion: 43 Resp: 488954
Ion Ratio Lower Upper
43 100
58 25.6 21.7 32.5





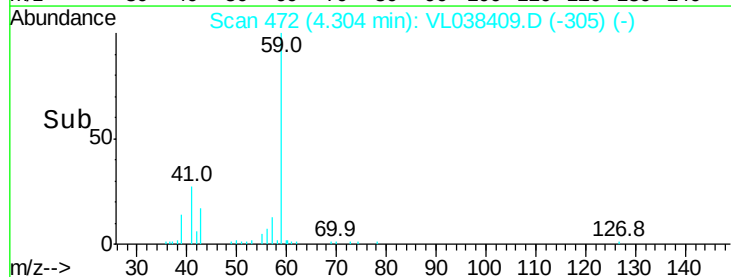
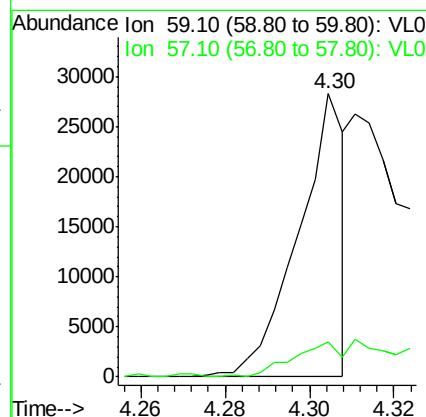
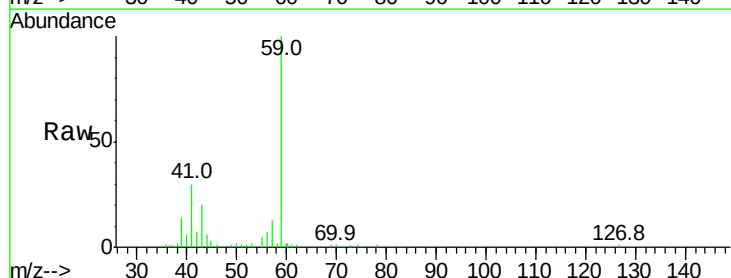
#16
 1,3-Butadiene
 Concen: 0.33 ppbv
 RT: 3.32
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 23 Feb 2022 15:34

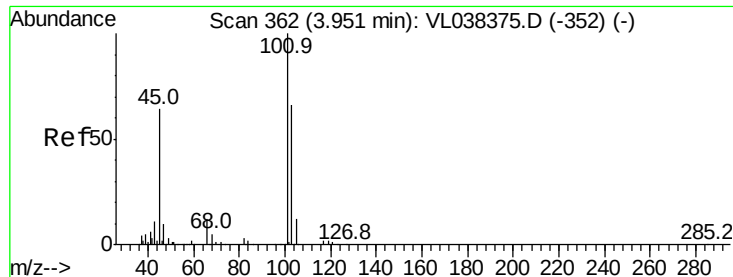
Tgt Ion: 39 Resp: 16581
 Ion Ratio Lower Upper
 39 100
 54 0.0 60.3 90.5#



#17
 tert-Butyl alcohol
 Concen: 0.29 ppbv
 RT: 4.30 min Scan# 472
 Delta R.T. 0.04 min
 Lab File: VL038409.D
 Acq: 23 Feb 2022 15:34

Tgt Ion: 59 Resp: 21512
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.4 12.6#





#19

Isopropyl Alcohol

Concen: 4.08 ppbv

RT: 3.98 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

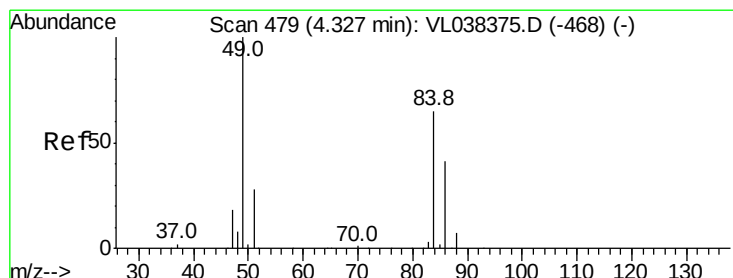
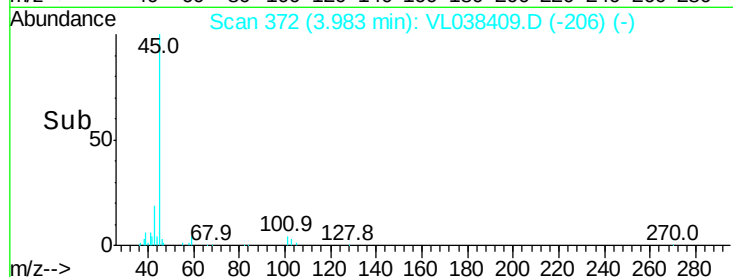
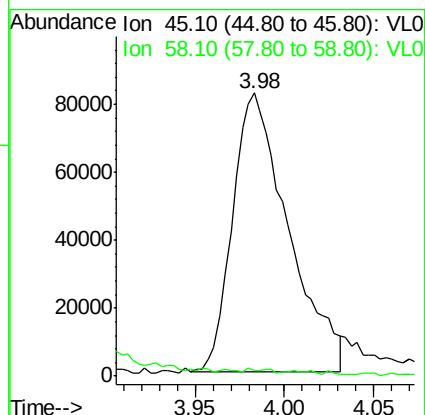
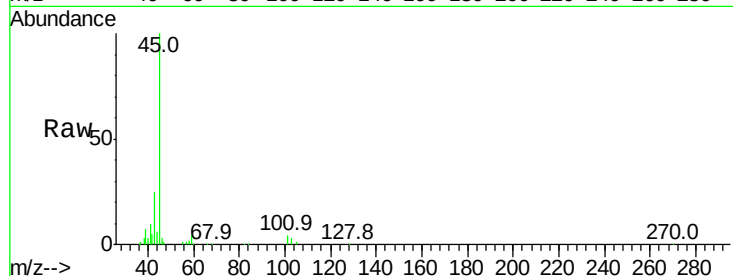
Acq: 23 Feb 2022 15:34 DUP-1

Tgt Ion: 45 Resp: 178705

Ion Ratio Lower Upper

45 100

58 72.2 1.8 2.8#



#20

Methylene Chloride

Concen: 20.46 ppbv

RT: 4.35 min Scan# 487

Delta R.T. 0.03 min

Lab File: VL038409.D

Acq: 23 Feb 2022 15:34

Tgt Ion: 84 Resp: 766677

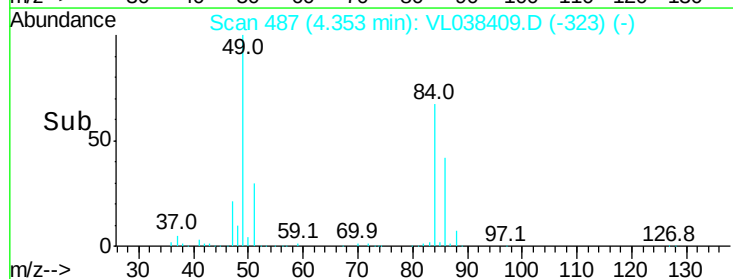
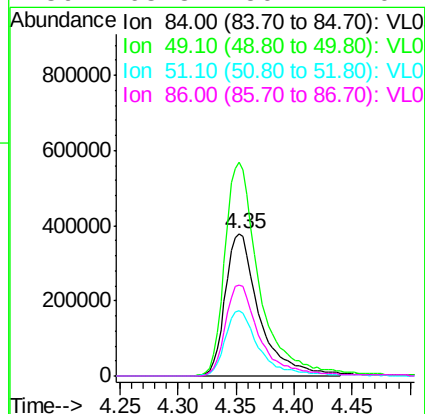
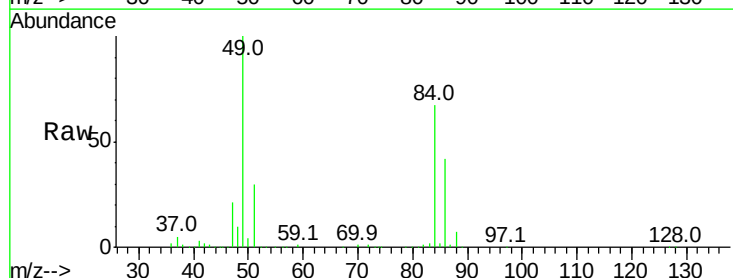
Ion Ratio Lower Upper

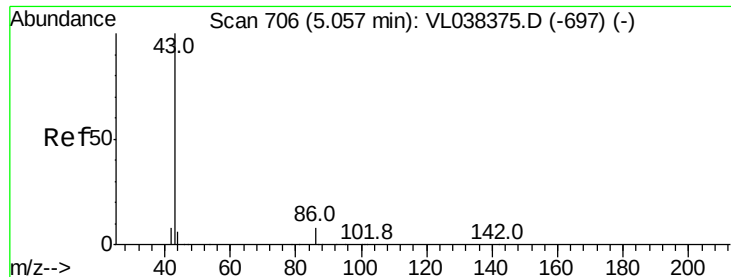
84 100

49 150.2 122.4 183.6

51 45.4 33.3 49.9

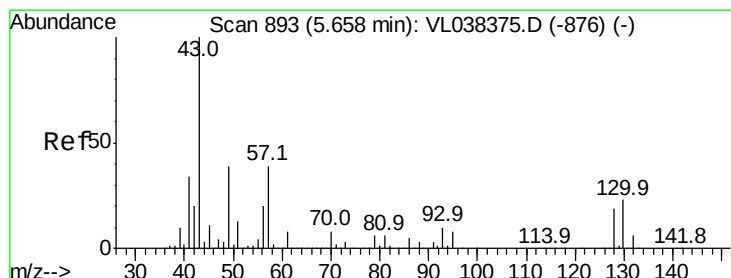
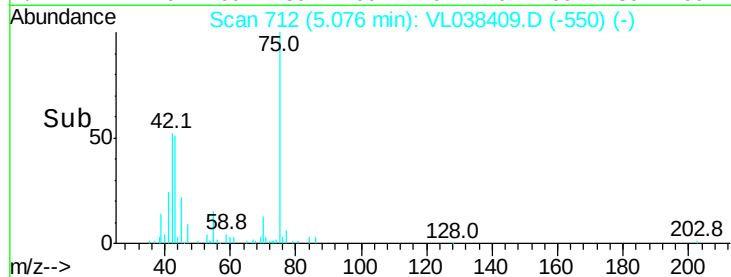
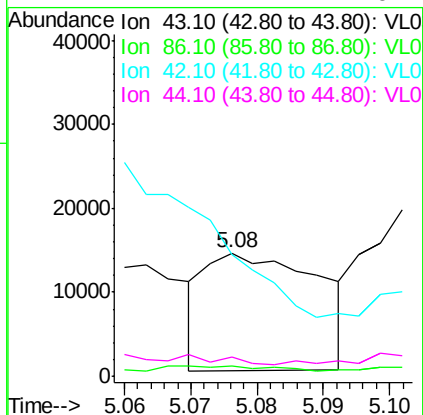
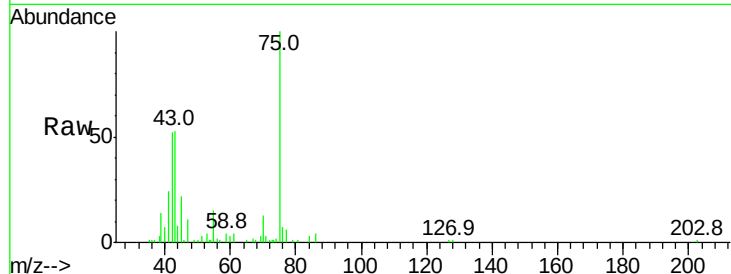
86 63.8 50.7 76.1





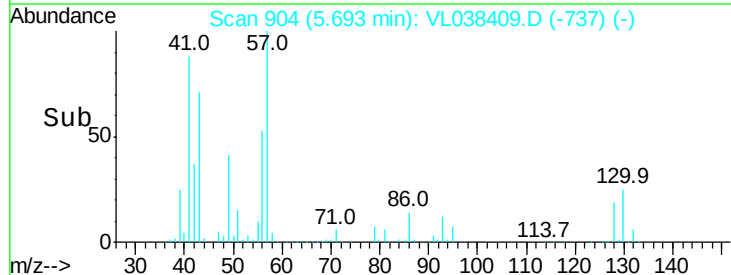
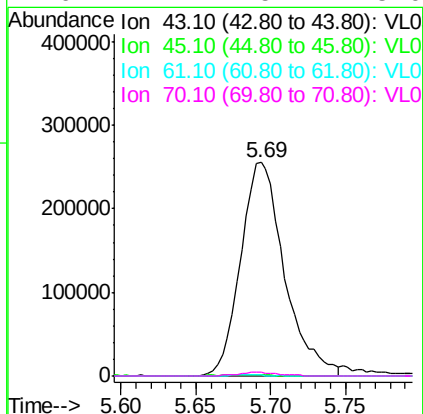
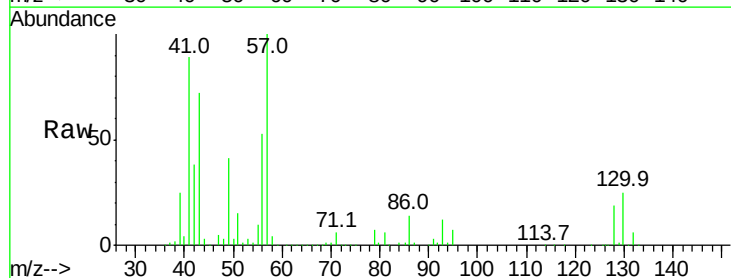
#23
 Vinyl Acetate
 Concen: 0.17 ppbv
 RT: 5.08
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 DUP-1
 Acq: 23 Feb 2022 15:34

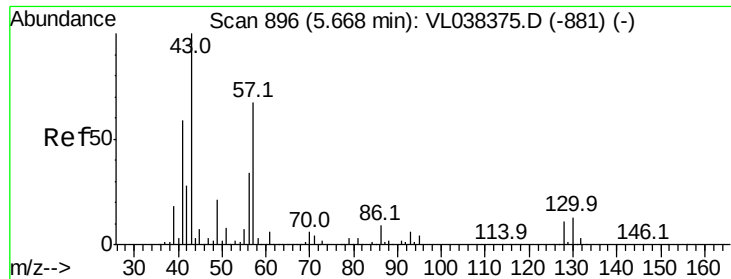
Tgt Ion:	43	Resp:	16641
Ion	Ratio	Lower	Upper
43	100		
86	14.5	5.8	8.6#
42	209.9	7.4	11.0#
44	17.1	4.2	6.2#



#25
 Ethyl Acetate
 Concen: 2.56 ppbv
 RT: 5.69 min Scan# 904
 Delta R.T. 0.04 min
 Lab File: VL038409.D
 Acq: 23 Feb 2022 15:34

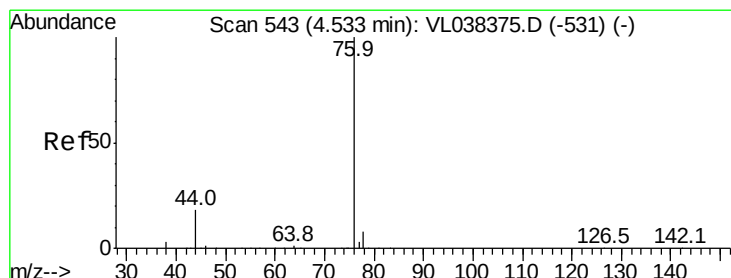
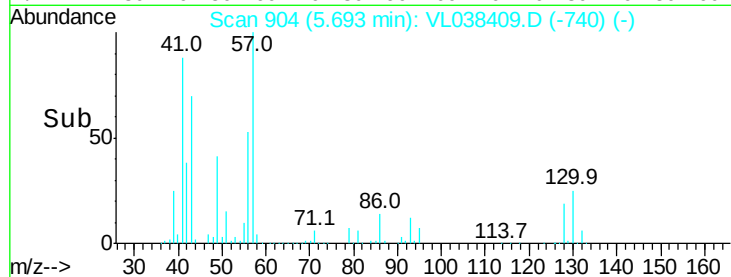
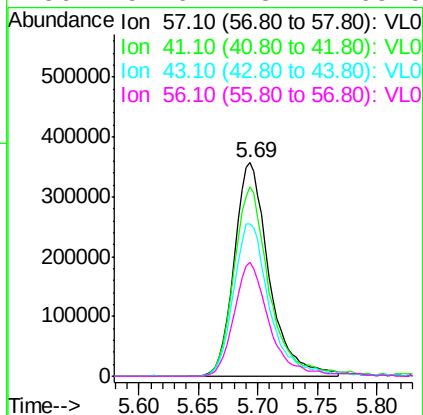
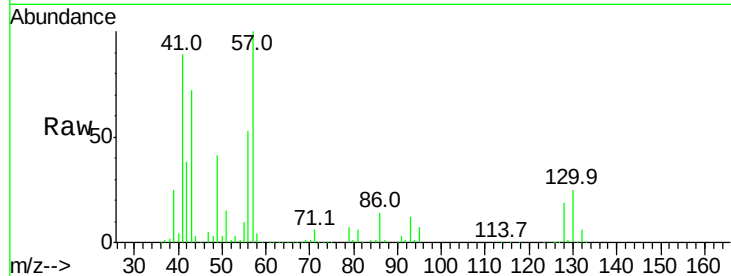
Tgt Ion:	43	Resp:	520579
Ion	Ratio	Lower	Upper
43	100		
45	0.8	7.8	11.6#
61	0.5	7.5	11.3#
70	1.7	5.4	8.0#





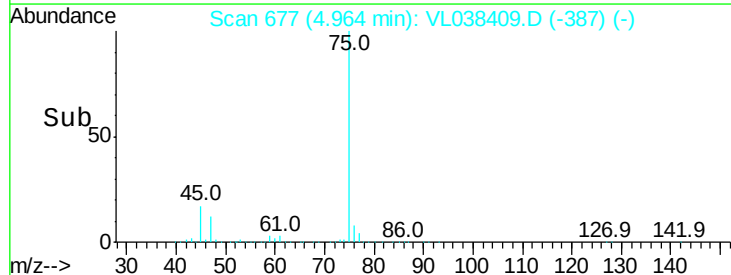
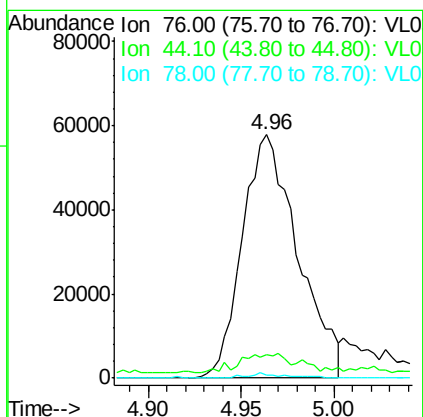
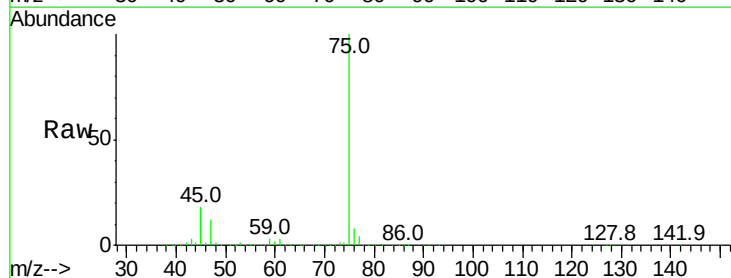
#26
Hexane
Concen: 7.88 ppbv
RT: 5.69
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 23 Feb 2022 15:34
DUP-1

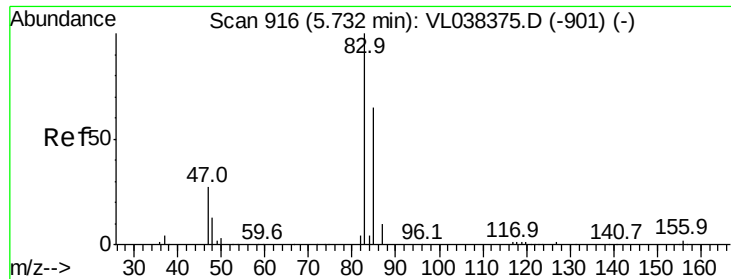
Tgt Ion:	57	Resp:	725401
Ion	Ratio	Lower	Upper
57	100		
41	90.6	73.1	109.7
43	74.8	181.0	271.4#
56	54.6	43.4	65.0



#27
Carbon Disulfide
Concen: 1.18 ppbv
RT: 4.96 min Scan# 677
Delta R.T. 0.43 min
Lab File: VL038409.D
Acq: 23 Feb 2022 15:34

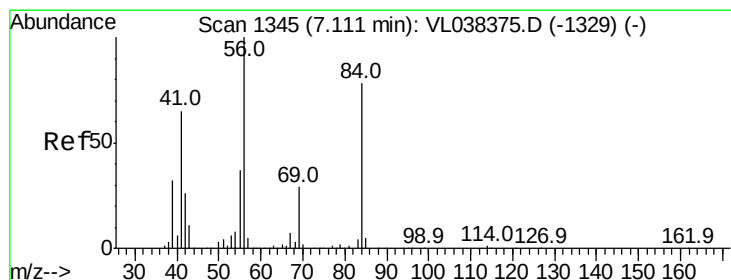
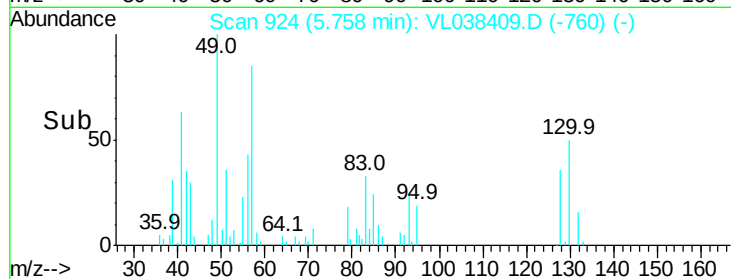
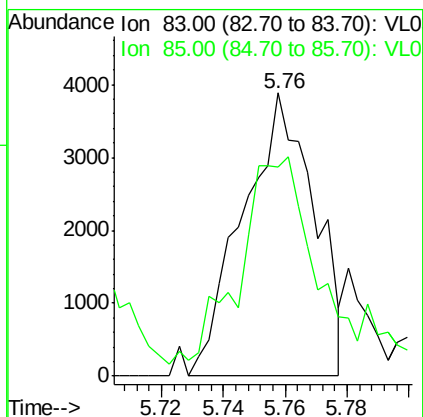
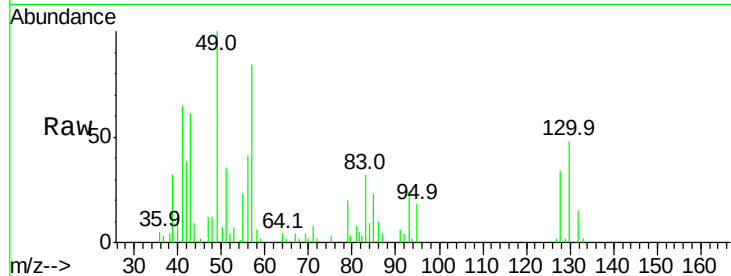
Tgt Ion:	76	Resp:	120623
Ion	Ratio	Lower	Upper
76	100		
44	8.8	14.2	21.2#
78	1.3	7.8	11.6#





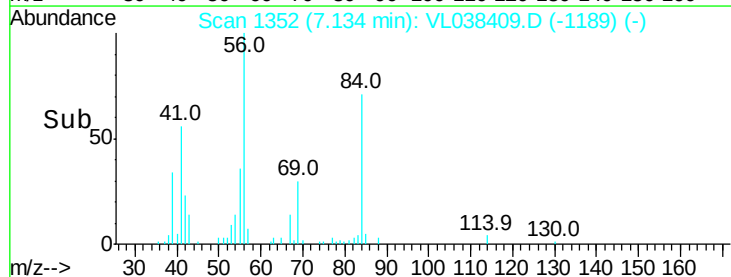
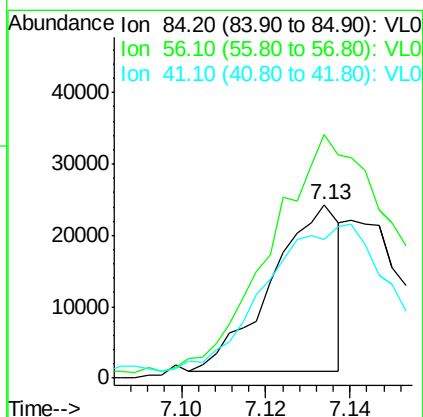
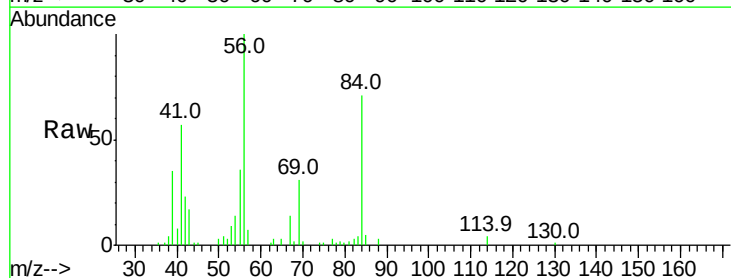
#29
Chloroform
Concen: 0.04 ppbv
RT: 5.76 Instrument: MSVOA_1
Delta R.T.: ClientSampleId:
Lab File: DUP-1
Acq: 23 Feb 2022 15:34

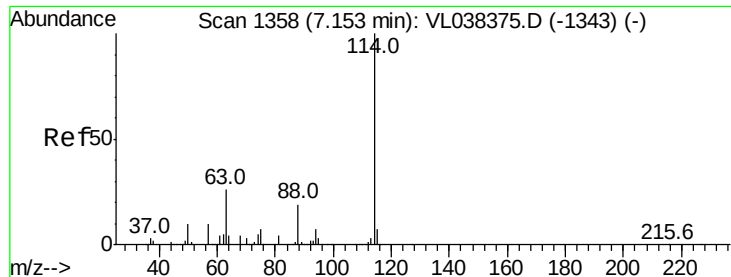
Tgt Ion: 83 Resp: 6215
Ion Ratio Lower Upper
83 100
85 68.3 51.6 77.4



#30
Cyclohexane
Concen: 0.35 ppbv
RT: 7.13 min Scan# 1352
Delta R.T. 0.02 min
Lab File: VL038409.D
Acq: 23 Feb 2022 15:34

Tgt Ion: 84 Resp: 26278
Ion Ratio Lower Upper
84 100
56 277.5 116.2 174.4#
41 193.2 74.3 111.5#

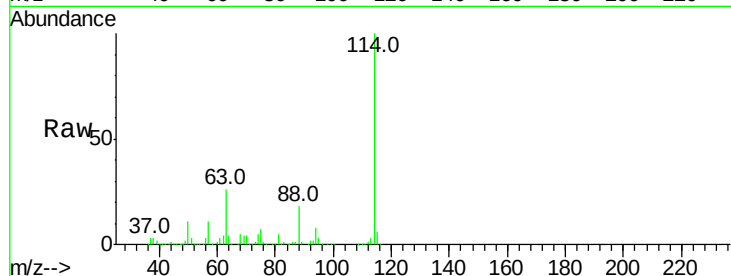




#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 7.18
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 23 Feb 2022 15:34

Tgt Ion: 114 Resp: 2179576

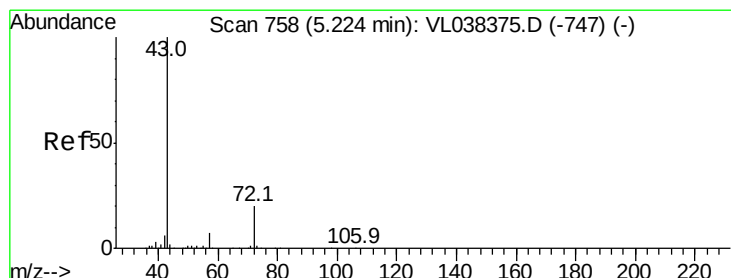
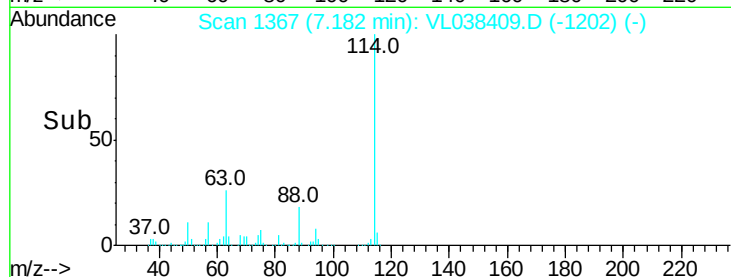
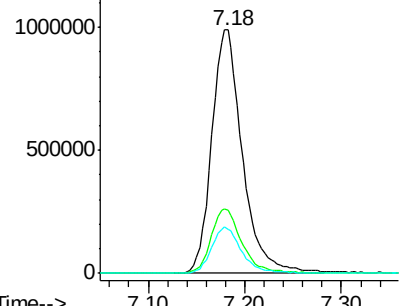
Ion	Ratio	Lower	Upper
114	100		
63	26.7	22.2	33.2
88	18.8	15.2	22.8



Abundance Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

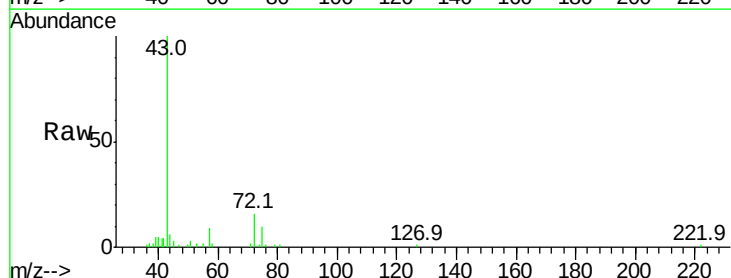
Ion 88.10 (87.80 to 88.80): VL0



#34
 2-Butanone
 Concen: 0.60 ppbv
 RT: 5.25 min Scan# 767
 Delta R.T. 0.03 min
 Lab File: VL038409.D
 Acq: 23 Feb 2022 15:34

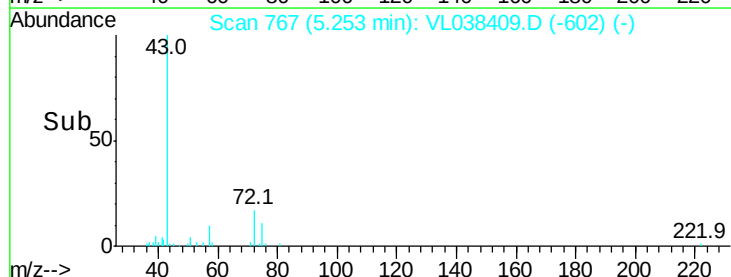
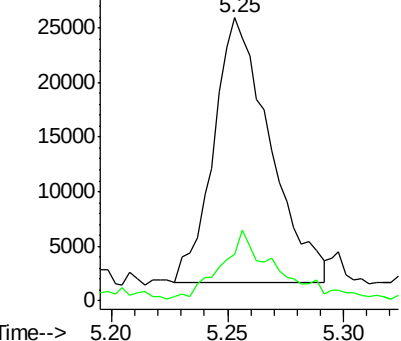
Tgt Ion: 43 Resp: 40827

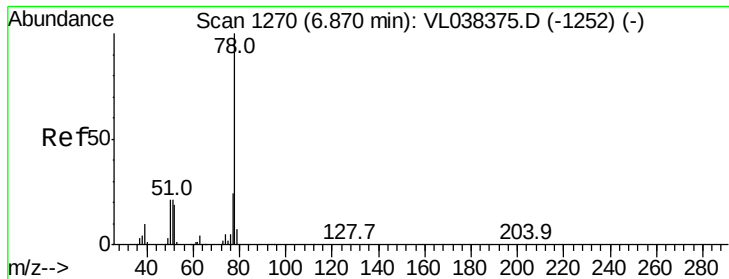
Ion	Ratio	Lower	Upper
43	100		
72	29.0	17.4	26.2



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 72.10 (71.80 to 72.80): VL0





#36

Benzene

Concen: 0.23 ppbv

RT: 6.90 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 23 Feb 2022 15:34 DUP-1

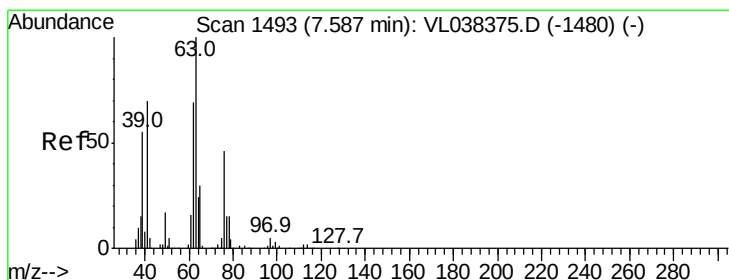
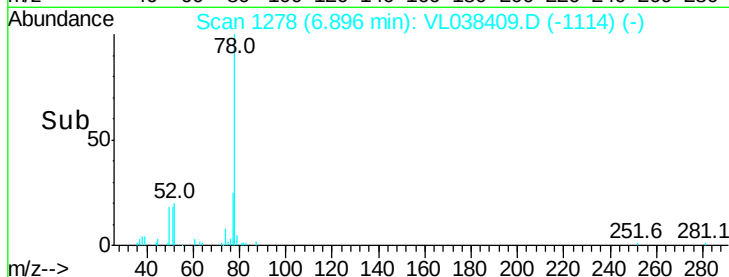
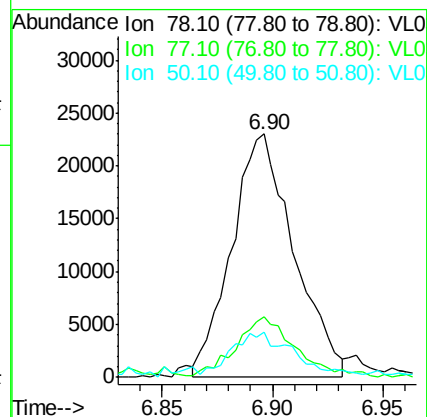
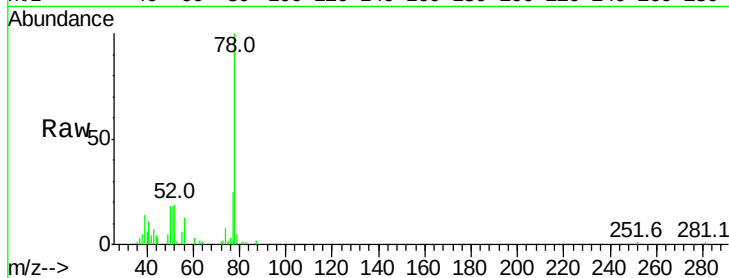
Tgt Ion: 78 Resp: 45045

Ion Ratio Lower Upper

78 100

77 25.2 19.0 28.6

50 16.4 16.6 24.8#



#39

1,2-Dichloropropane

Concen: 7.44 ppbv

RT: 7.18 min Scan# 1366

Delta R.T. -0.41 min

Lab File: VL038409.D

Acq: 23 Feb 2022 15:34

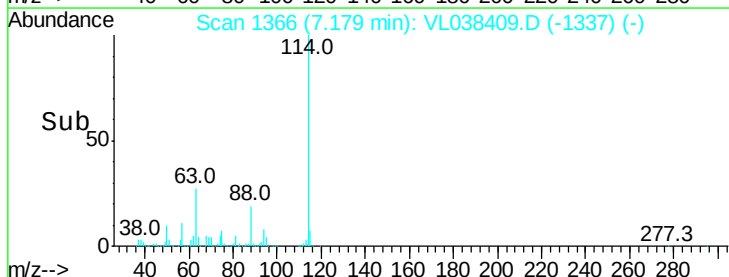
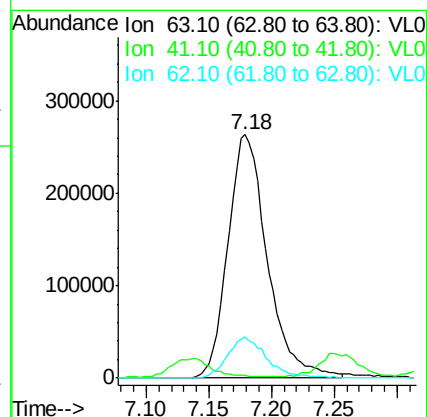
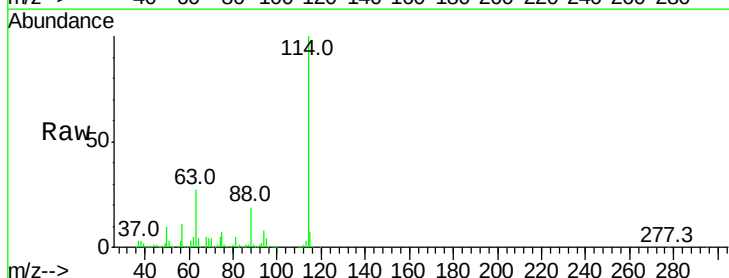
Tgt Ion: 63 Resp: 568968

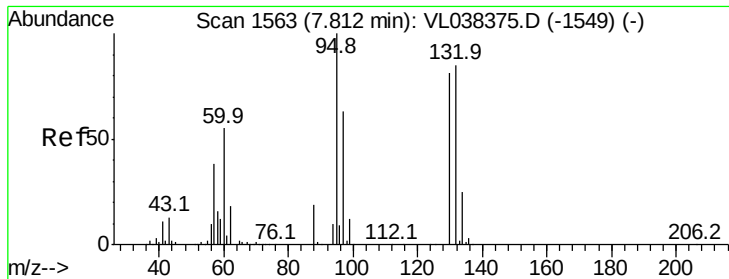
Ion Ratio Lower Upper

63 100

41 0.0 56.1 84.1#

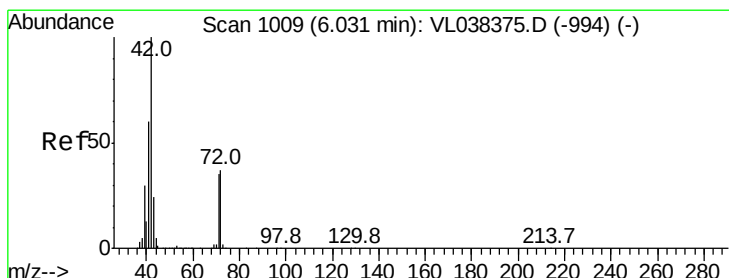
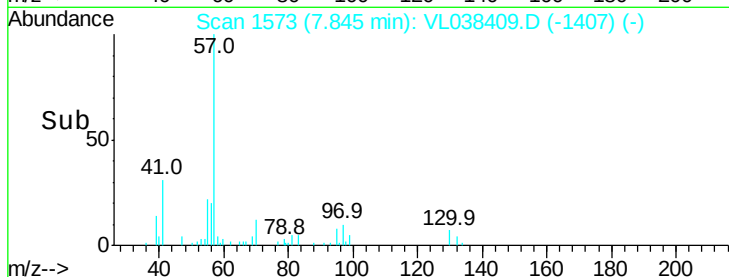
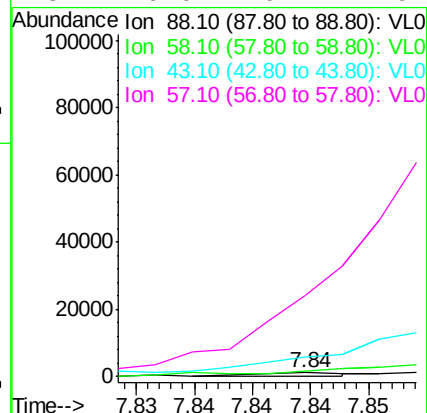
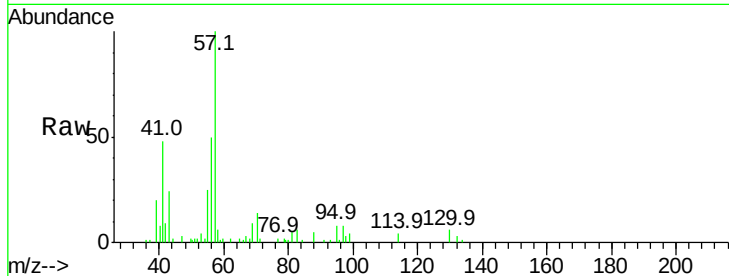
62 17.0 55.5 83.3#





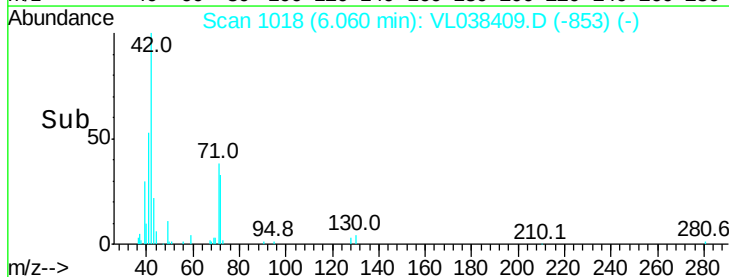
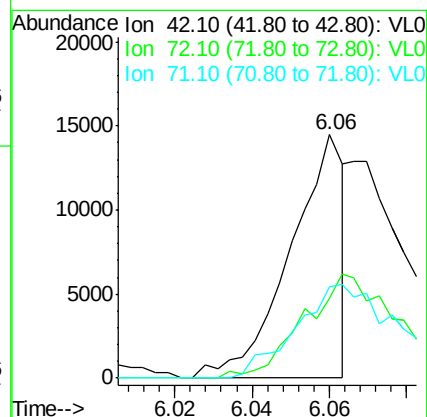
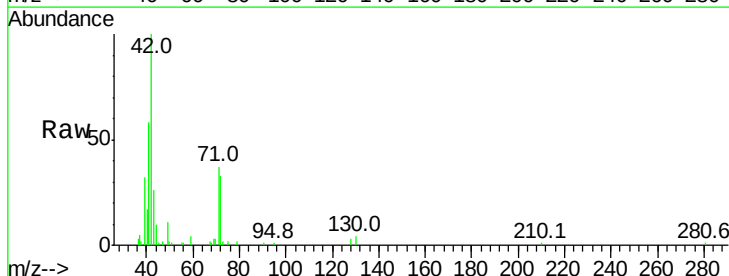
#40
1,4-Dioxane
Concen: 0.03 ppbv
RT: 7.84
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 23 Feb 2022 15:34

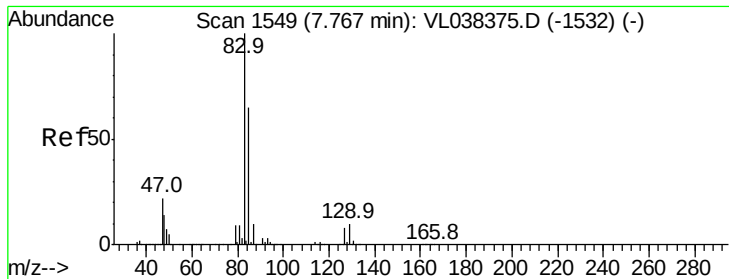
Tgt Ion: 88 Resp: 554
Ion Ratio Lower Upper
88 100
58 0.0 133.2 199.8#
43 0.0 330.6 496.0#
57 0.0 1462.7 2194.1#



#41
Tetrahydrofuran
Concen: 0.30 ppbv
RT: 6.06 min Scan# 1018
Delta R.T. 0.03 min
Lab File: VL038409.D
Acq: 23 Feb 2022 15:34

Tgt Ion: 42 Resp: 13969
Ion Ratio Lower Upper
42 100
72 0.0 29.9 44.9#
71 0.0 28.6 42.8#





#42

Bromodichloromethane

Concen: 0.03 ppbv

RT: 7.80 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 23 Feb 2022 15:34 DUP-1

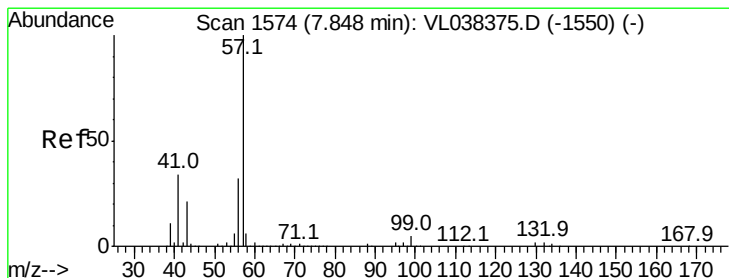
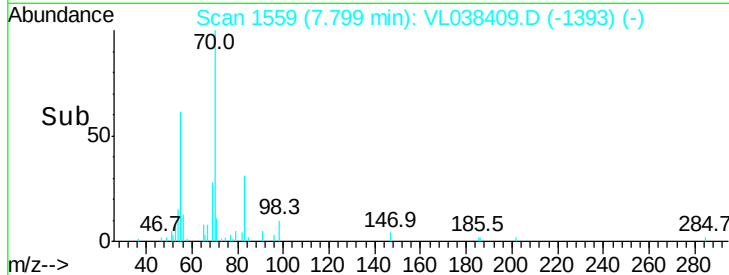
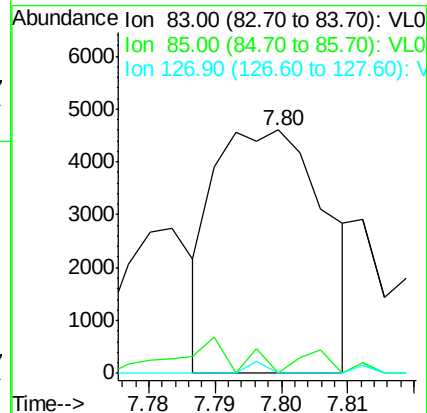
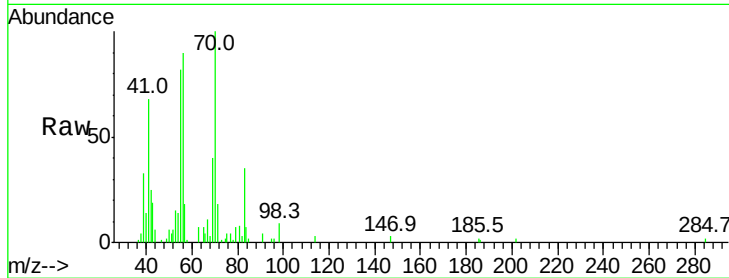
Tgt Ion: 83 Resp: 5321

Ion Ratio Lower Upper

83 100

85 0.0 52.2 78.4#

127 0.0 6.2 9.4#



#44

2,2,4-Trimethylpentane

Concen: 0.95 ppbv

RT: 7.87 min Scan# 1582

Delta R.T. 0.03 min

Lab File: VL038409.D

Acq: 23 Feb 2022 15:34

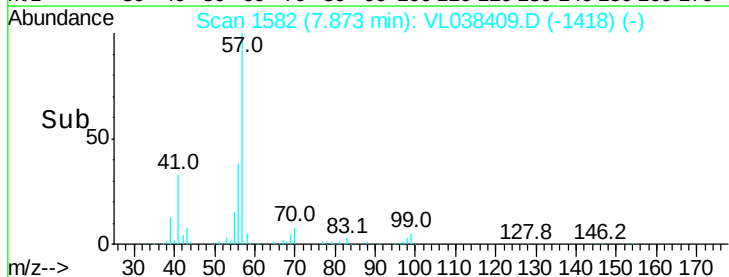
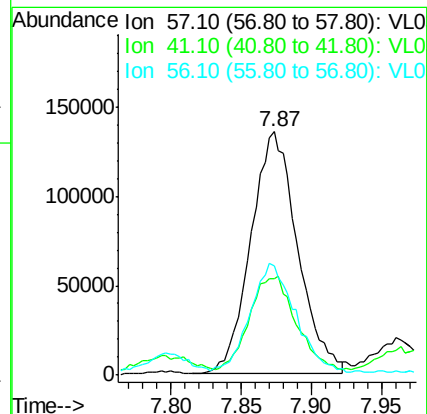
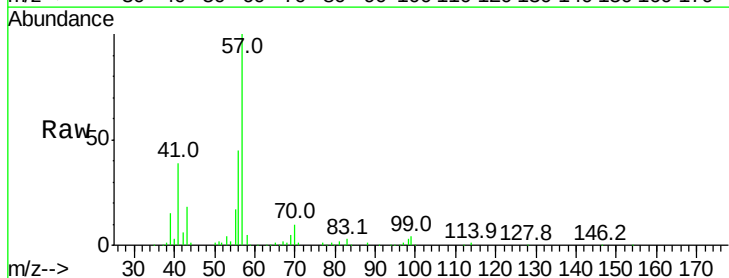
Tgt Ion: 57 Resp: 312618

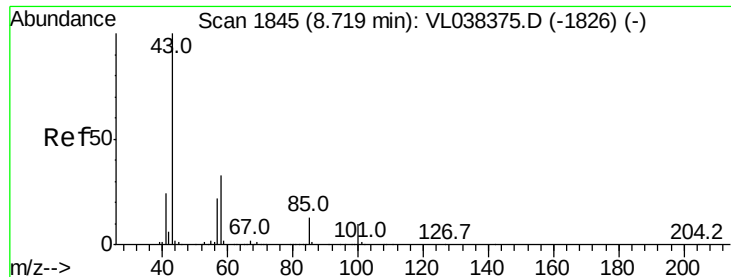
Ion Ratio Lower Upper

57 100

41 43.3 26.6 39.8#

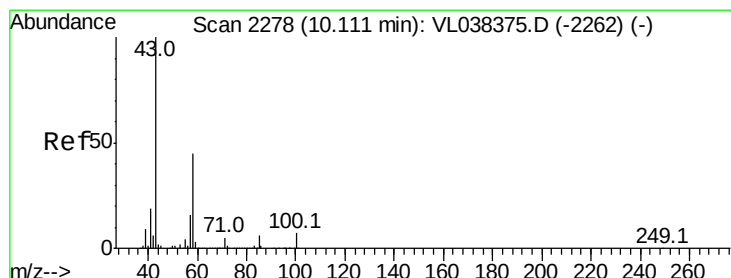
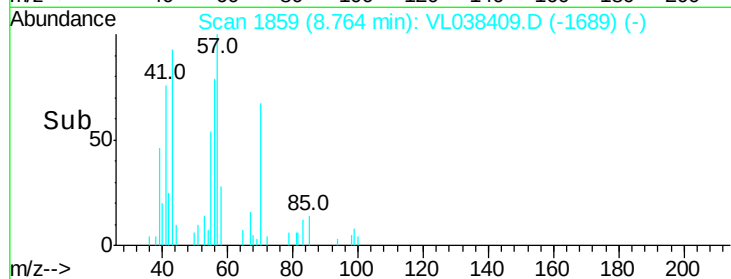
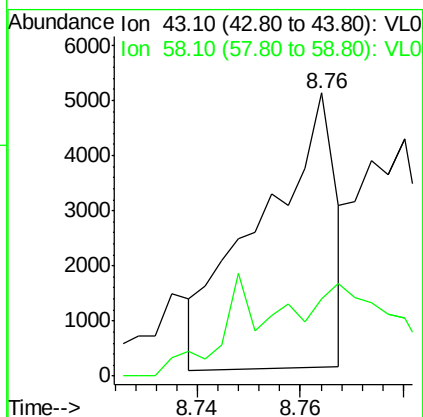
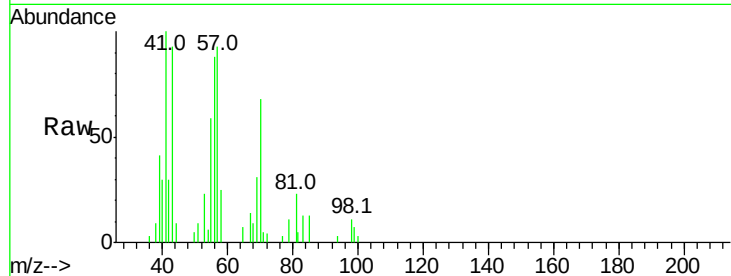
56 47.2 25.0 37.6#





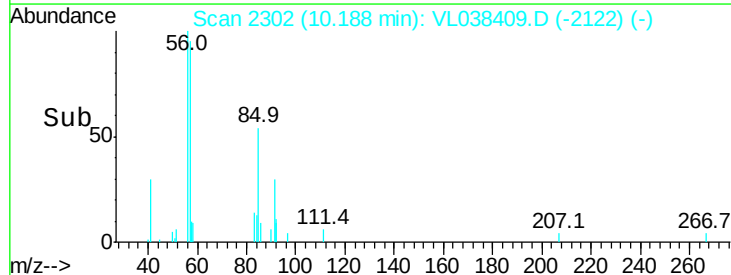
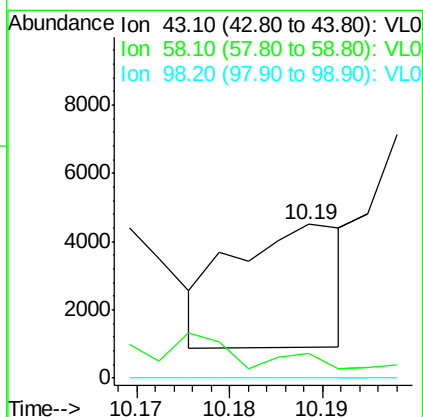
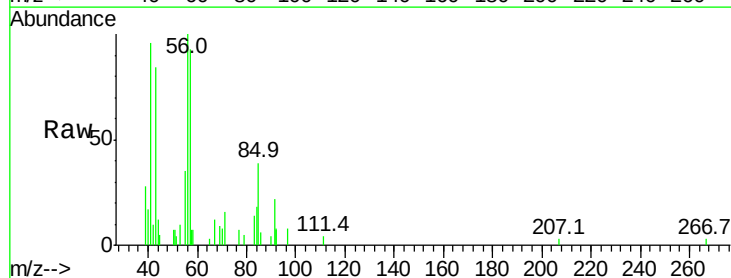
#50
 4-Methyl-2-Pentanone
 Concen: 0.04 ppbv
 RT: 8.76
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 DUP-1
 Acq: 23 Feb 2022 15:34

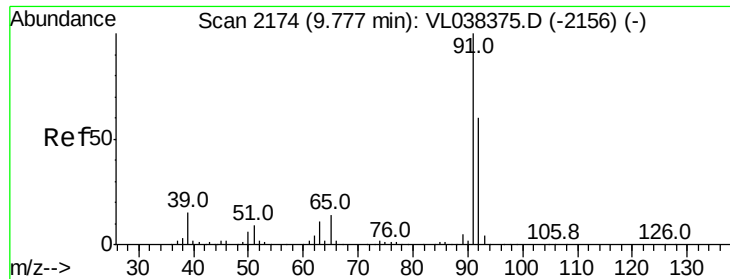
Tgt Ion: 43 Resp: 5028
 Ion Ratio Lower Upper
 43 100
 58 0.0 27.7 41.5#



#51
 2-Hexanone
 Concen: 0.06 ppbv
 RT: 10.19 min Scan# 2302
 Delta R.T. 0.08 min
 Lab File: VL038409.D
 Acq: 23 Feb 2022 15:34

Tgt Ion: 43 Resp: 3003
 Ion Ratio Lower Upper
 43 100
 58 100.8 37.4 56.0#
 98 0.0 0.1 0.1#





#53

Toluene

Concen: 7.11 ppbv

RT: 9.81 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

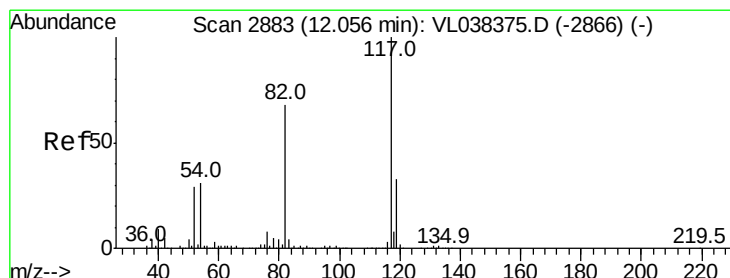
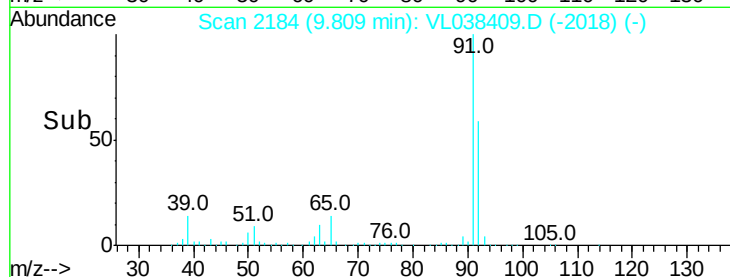
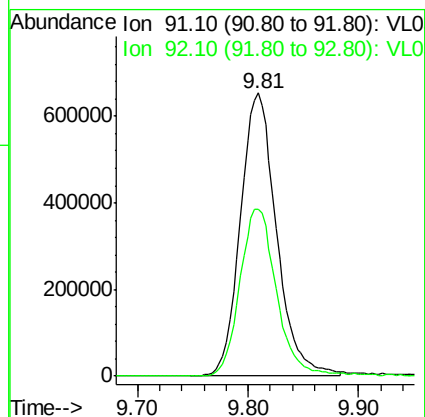
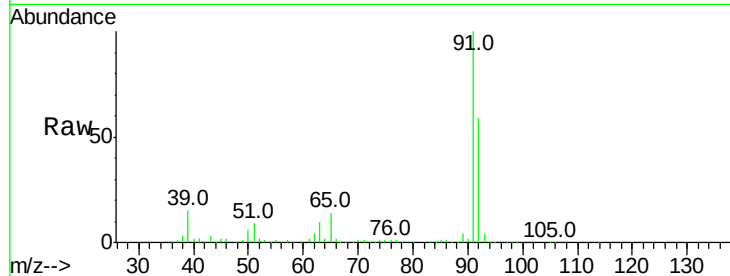
Acq: 23 Feb 2022 15:34 DUP-1

Tgt Ion: 91 Resp: 1481246

Ion Ratio Lower Upper

91 100

92 60.7 48.2 72.4



#55

Chlorobenzene-d5

Concen: 10.00 ppbv

RT: 12.09 min Scan# 2893

Delta R.T. 0.03 min

Lab File: VL038409.D

Acq: 23 Feb 2022 15:34

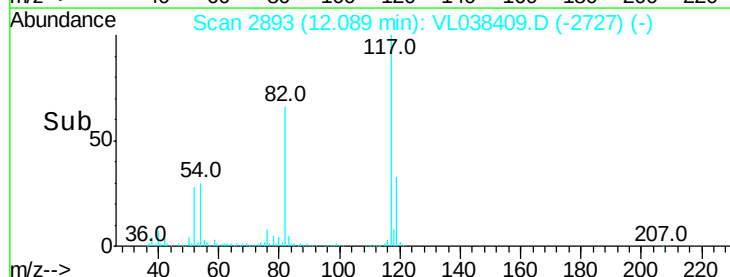
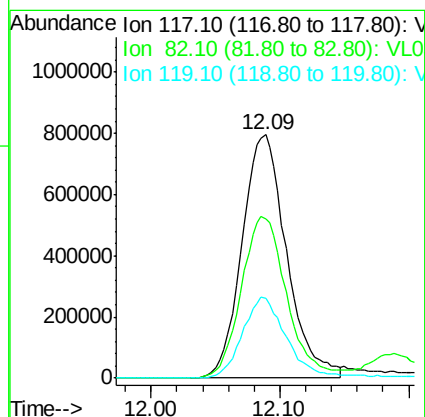
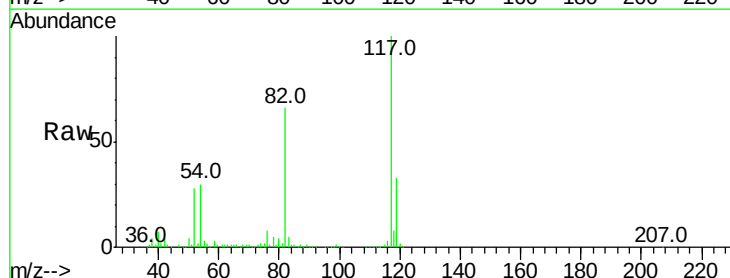
Tgt Ion: 117 Resp: 1914980

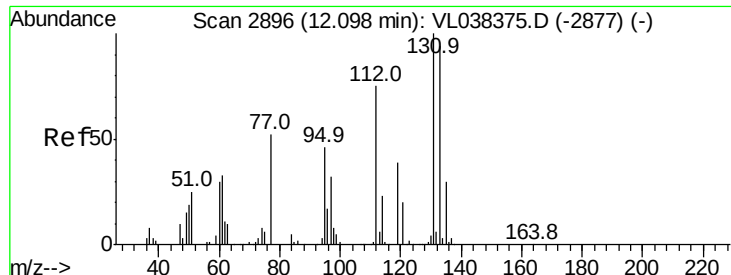
Ion Ratio Lower Upper

117 100

82 68.0 54.9 82.3

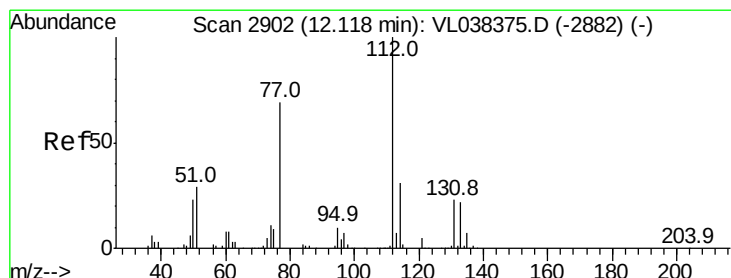
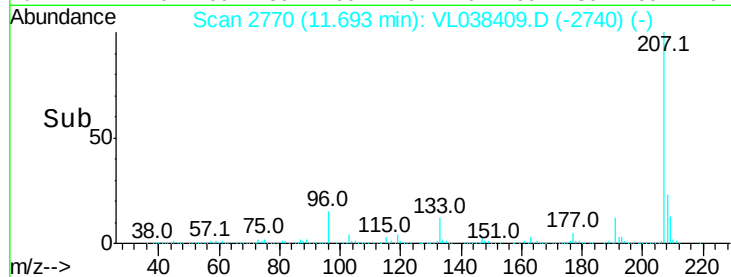
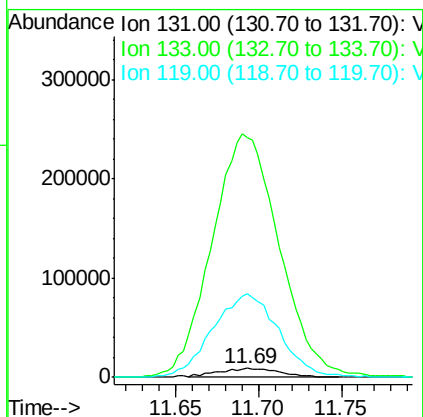
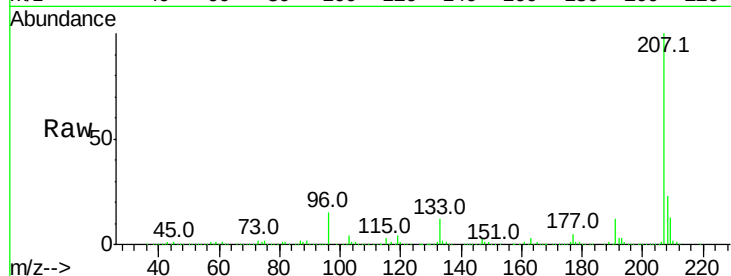
119 35.0 46.1 69.1#





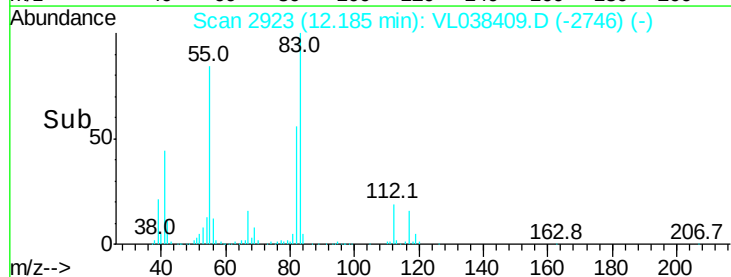
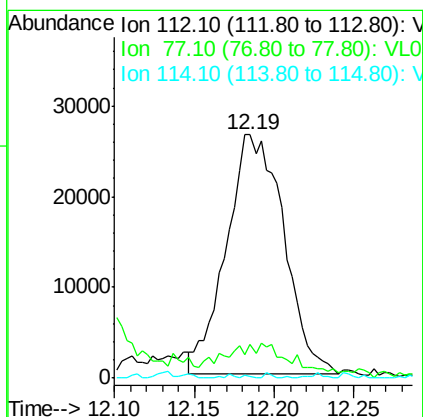
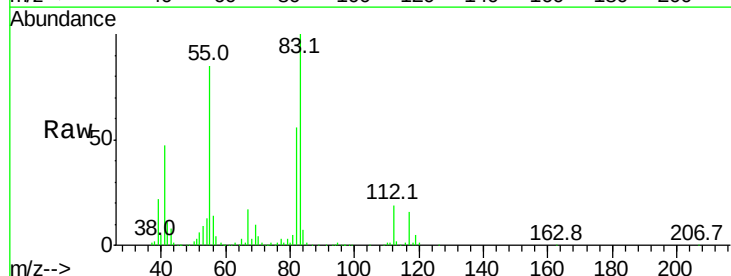
#56
 1,1,1,2-Tetrachloroethane
 Concen: 0.30 ppbv
 RT: 11.69
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 DUP-1
 Acq: 23 Feb 2022 15:34

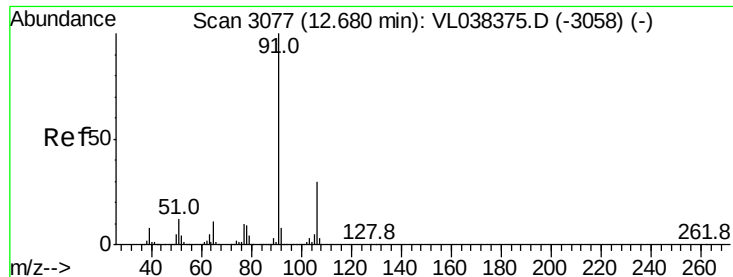
Tgt Ion:131 Resp: 23715
 Ion Ratio Lower Upper
 131 100
 133 2882.8 77.3 115.9#
 119 977.0 48.6 73.0#



#57
 Chlorobenzene
 Concen: 0.44 ppbv
 RT: 12.19 min Scan# 2923
 Delta R.T. 0.07 min
 Lab File: VL038409.D
 Acq: 23 Feb 2022 15:34

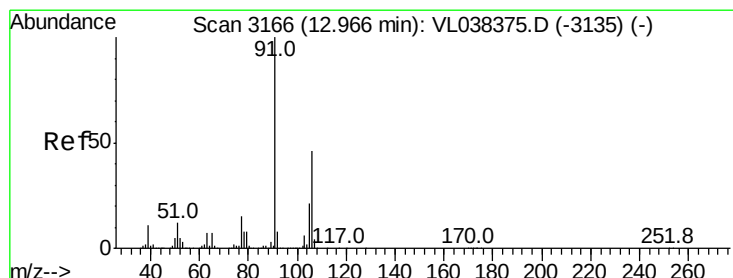
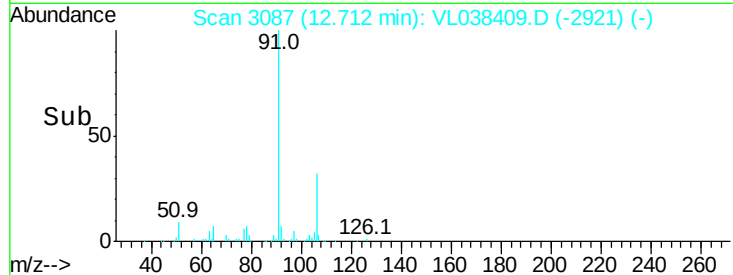
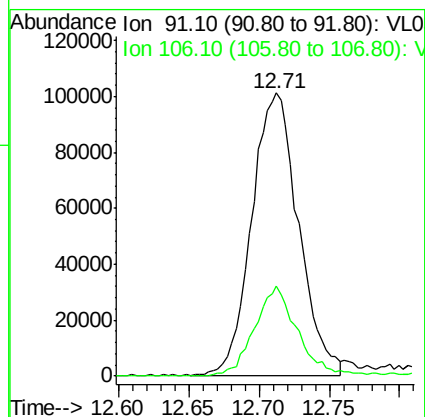
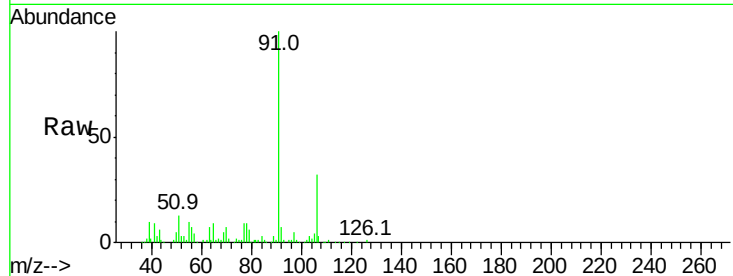
Tgt Ion:112 Resp: 64703
 Ion Ratio Lower Upper
 112 100
 77 11.6 55.2 82.8#
 114 0.8 27.9 34.1#





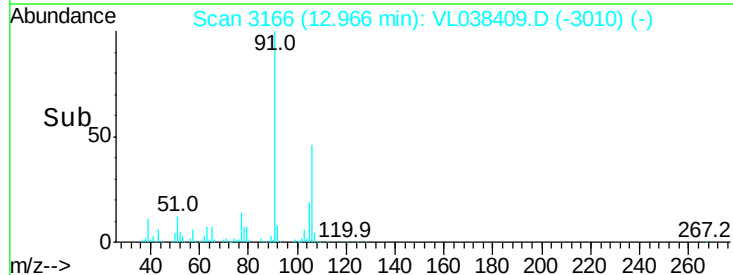
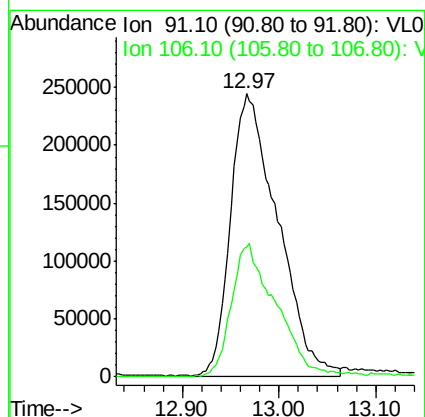
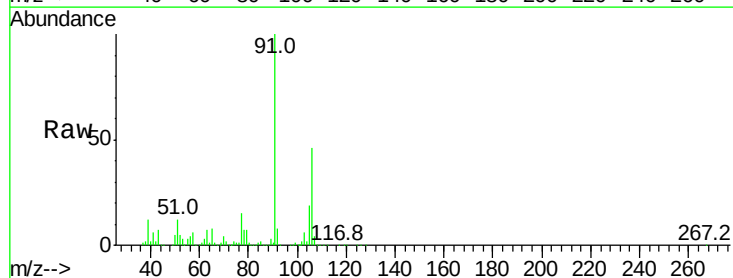
#58
Ethyl Benzene
Concen: 0.89 ppbv
RT: 12.71 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 23 Feb 2022 15:34

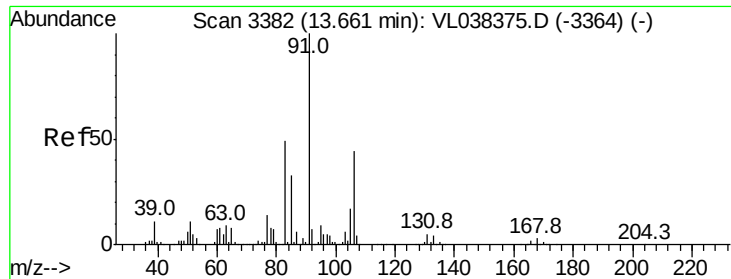
Tgt Ion: 91 Resp: 232959
Ion Ratio Lower Upper
91 100
106 31.8 24.0 36.0



#59
m/p-Xylene
Concen: 3.69 ppbv
RT: 12.97 min Scan# 3166
Delta R.T.: 0.00 min
Lab File: VL038409.D
Acq: 23 Feb 2022 15:34

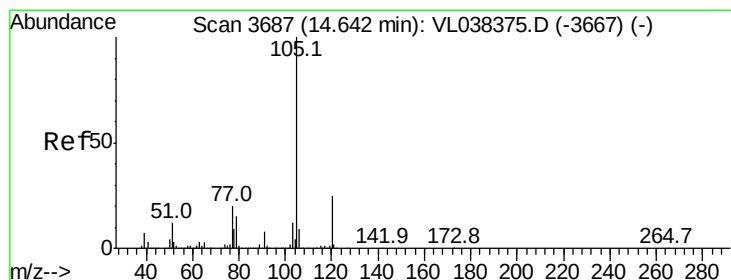
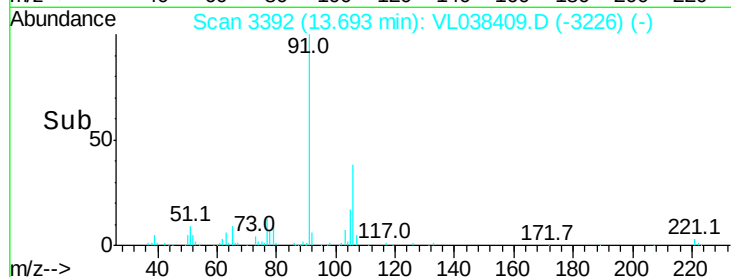
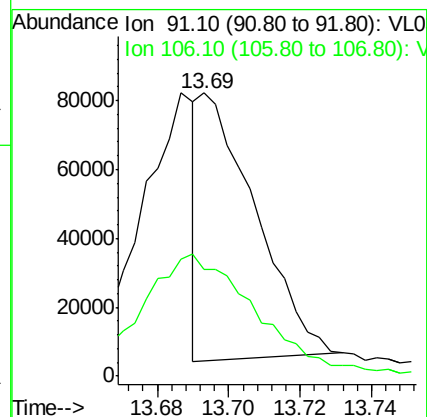
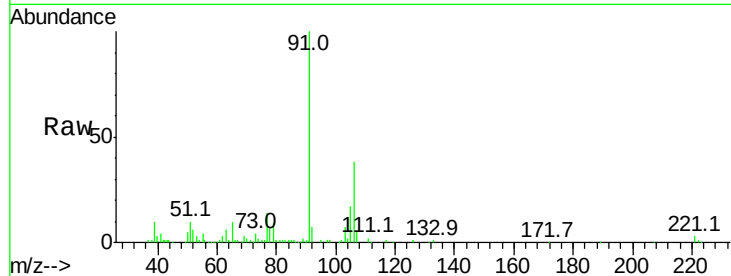
Tgt Ion: 91 Resp: 830805
Ion Ratio Lower Upper
91 100
106 45.7 34.4 51.6





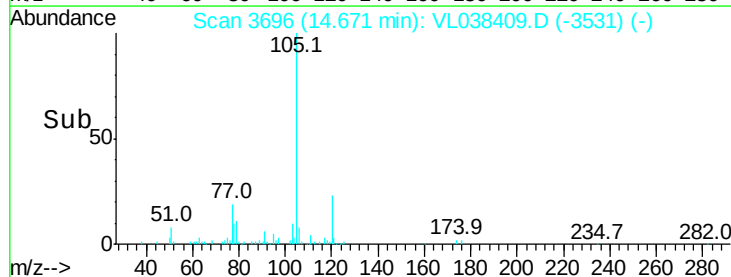
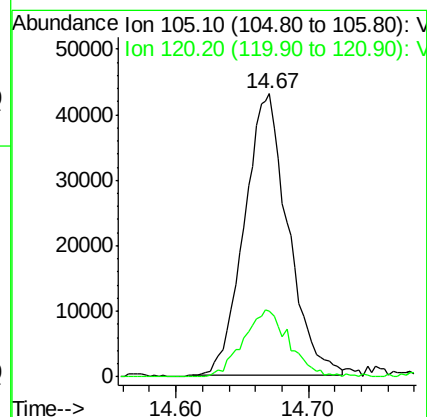
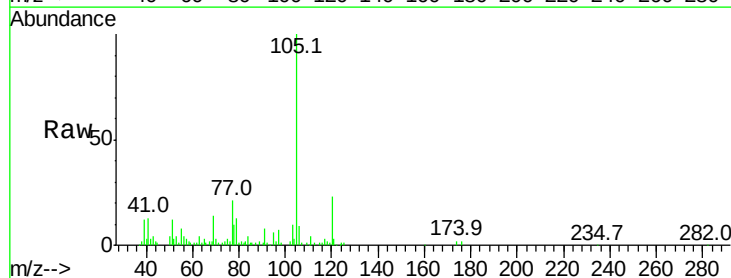
#60
o-Xylene
Concen: 0.39 ppbv
RT: 13.69
Delta R.T. MSVOA_1
Lab File: ClientSampleId :
Acq: 23 Feb 2022 15:34

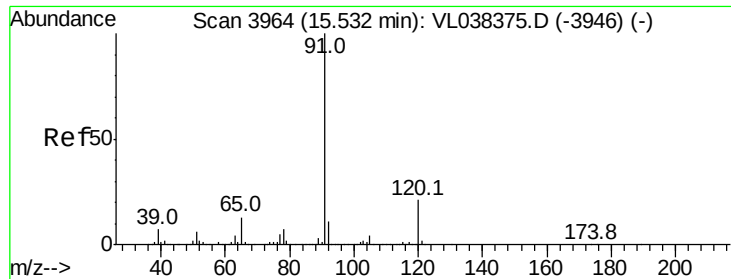
Tgt Ion: 91 Resp: 83721
Ion Ratio Lower Upper
91 100
106 98.5 21.9 65.5#



#62
Isopropylbenzene
Concen: 0.35 ppbv
RT: 14.67 min Scan# 3696
Delta R.T. 0.03 min
Lab File: VL038409.D
Acq: 23 Feb 2022 15:34

Tgt Ion: 105 Resp: 98978
Ion Ratio Lower Upper
105 100
120 25.2 20.6 30.8





#64

n-propylbenzene

Concen: 0.76 ppbv

RT: 15.56

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

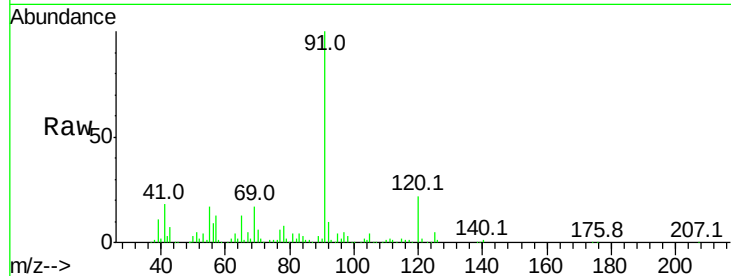
Acq: 23 Feb 2022 15:34

Tgt Ion:120 Resp: 53879

Ion Ratio Lower Upper

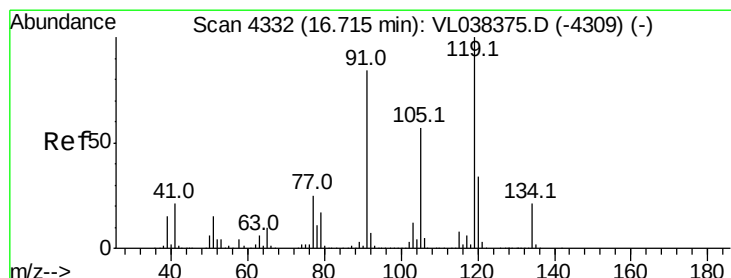
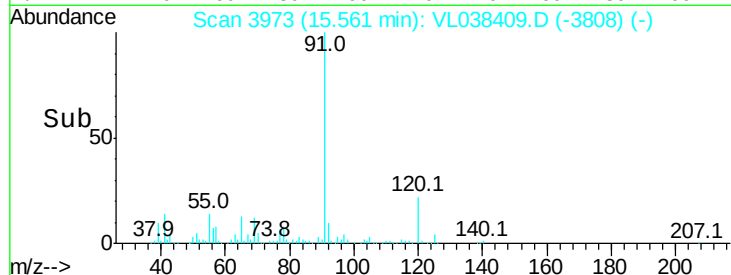
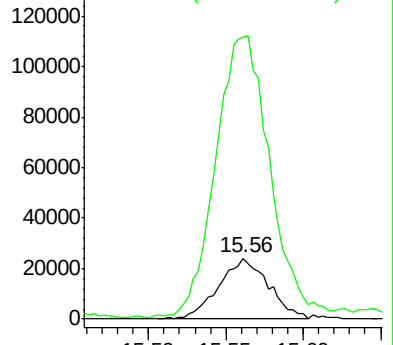
120 100

91 515.2 388.1 582.1



Abundance Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0



#65

tert-Butylbenzene

Concen: 0.35 ppbv

RT: 16.76 min Scan# 4347

Delta R.T. 0.05 min

Lab File: VL038409.D

Acq: 23 Feb 2022 15:34

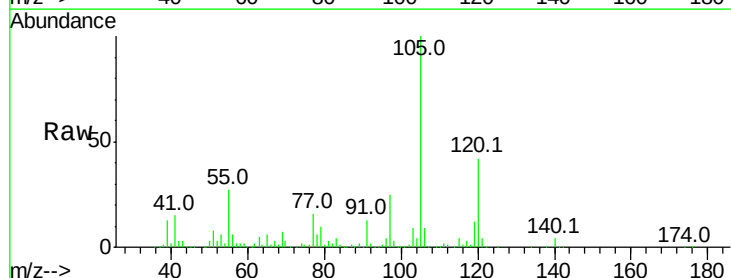
Tgt Ion:119 Resp: 87093

Ion Ratio Lower Upper

119 100

91 133.2 68.0 102.0#

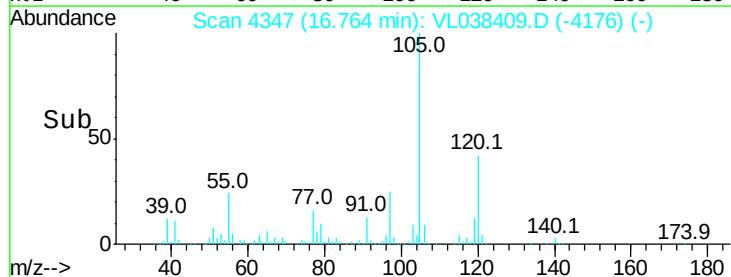
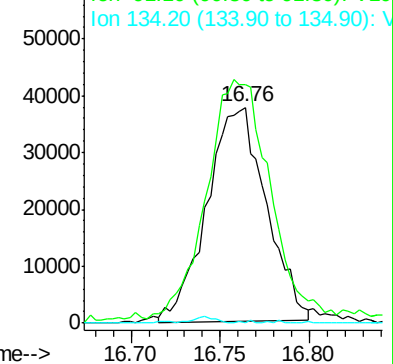
134 1.6 15.8 23.8#

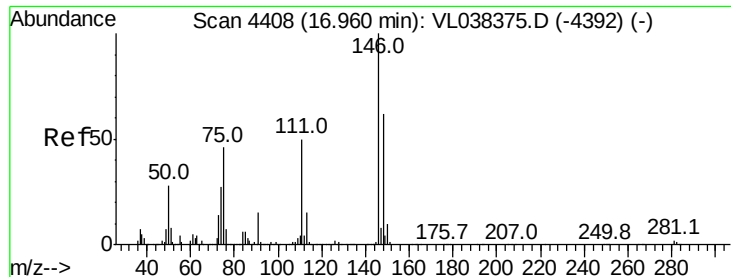


Abundance Ion 119.20 (118.90 to 119.90): V

Ion 91.10 (90.80 to 91.80): VL0

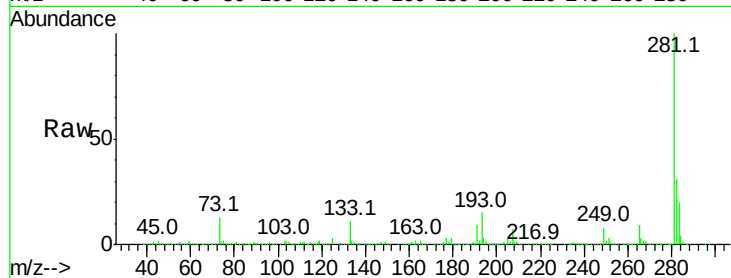
Ion 134.20 (133.90 to 134.90): V



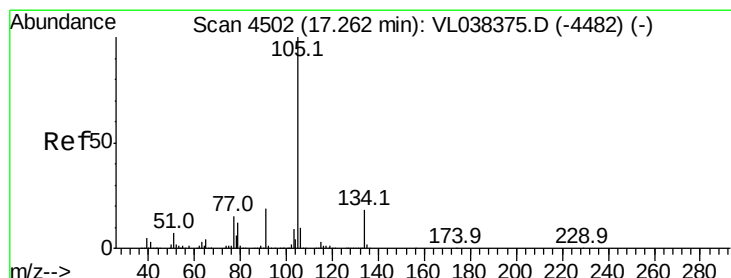
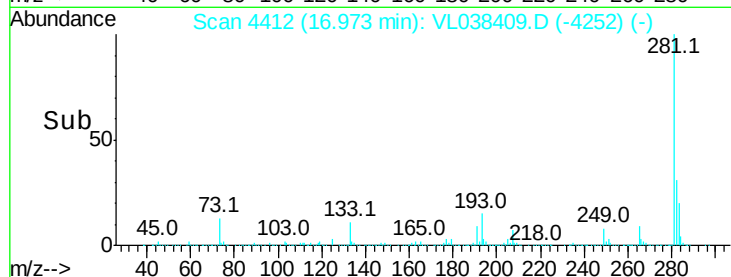
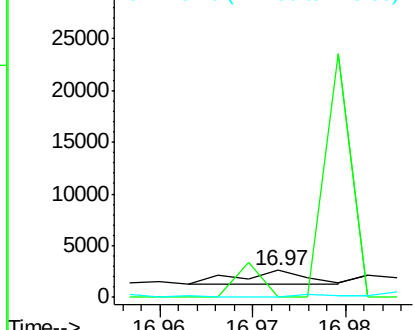


#66
Benzyl Chloride
Concen: 0.05 ppbv
RT: 16.97 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 23 Feb 2022 15:34
DUP-1

Tgt Ion: 91 Resp: 704
Ion Ratio Lower Upper
91 100
126 555.4 12.3 18.5#
128 0.0 4.2 6.4#

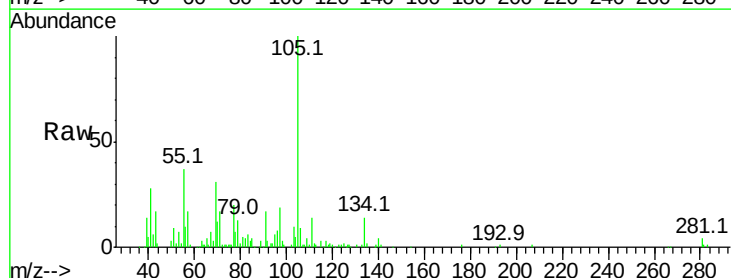


Abundance Ion 91.10 (90.80 to 91.80): VL0
Ion 126.10 (125.80 to 126.80): V
Ion 128.10 (127.80 to 128.80): V

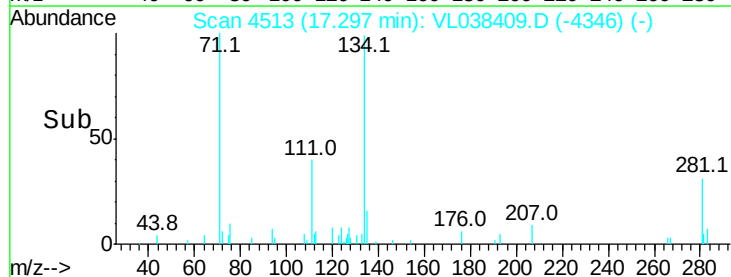
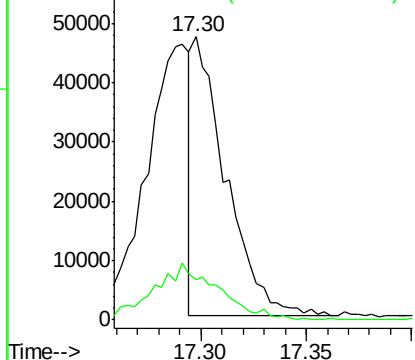


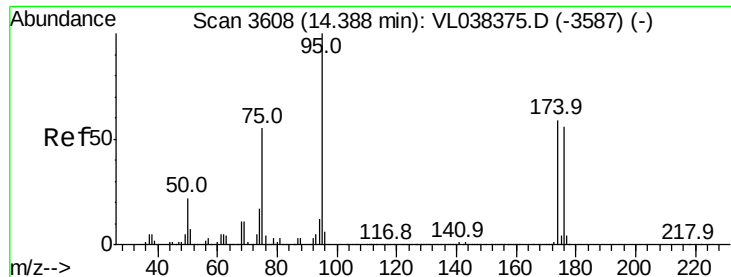
#67
sec-Butylbenzene
Concen: 0.15 ppbv
RT: 17.30 min Scan# 4513
Delta R.T. 0.04 min
Lab File: VL038409.D
Acq: 23 Feb 2022 15:34

Tgt Ion: 105 Resp: 51228
Ion Ratio Lower Upper
105 100
134 0.0 14.6 21.8#



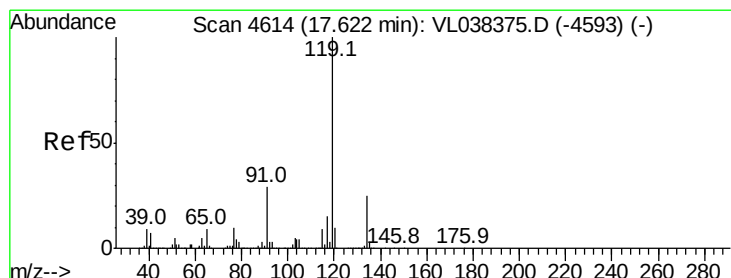
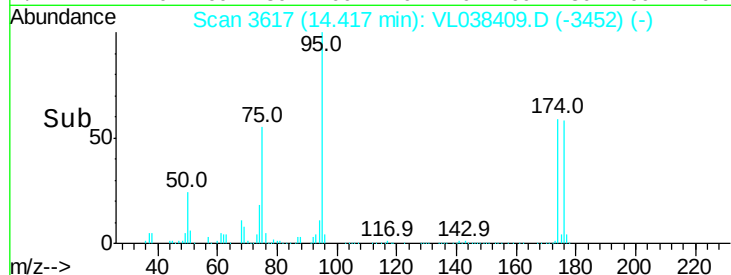
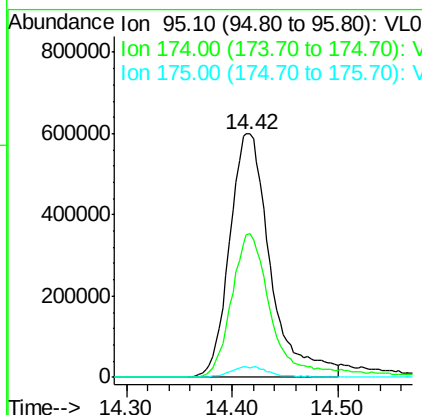
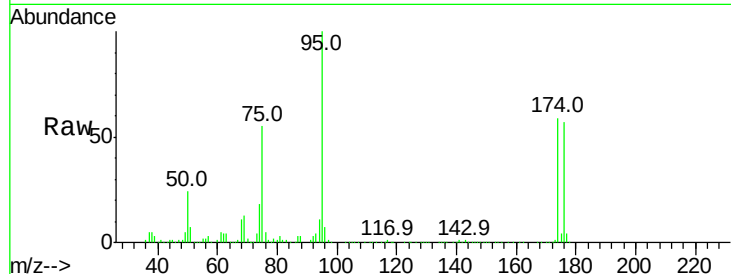
Abundance Ion 105.10 (104.80 to 105.80): V
Ion 134.20 (133.90 to 134.90): V





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.10 ppbv
 RT: 14.42
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 23 Feb 2022 15:34

Tgt Ion: 95 Resp: 1600185
 Ion Ratio Lower Upper
 95 100
 174 60.5 49.0 73.4
 175 4.4 3.6 5.4



#69
 p-Isopropyltoluene
 Concen: 0.23 ppbv
 RT: 17.64 min Scan# 4621
 Delta R.T. 0.02 min
 Lab File: VL038409.D
 Acq: 23 Feb 2022 15:34

Tgt Ion: 119 Resp: 63106
 Ion Ratio Lower Upper
 119 100
 134 28.9 20.4 30.6
 91 26.0 23.8 35.8

