

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL050922\
 Data File : VL039000.D
 Acq On : 9 May 2022 23:42
 Operator : SY/AP
 Sample : N2744-02DL 5X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV2DL

Quant Time: May 10 05:46:44 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL050522AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu May 05 10:12:15 2022
 QLast Update : Thu May 05 10:12:15 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1278246	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.15	114	3437787	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.05	117	2948964	10.00	ppbv	-0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.38	95	2244696	9.61	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.10%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	19219	0.096	ppbv #	84
3) Chlorodifluoromethane	2.98	51	22951	0.145	ppbv #	88
9) Propene	3.00	41	794821	11.475	ppbv	87
10) Heptane	8.10	43	604168	3.555	ppbv	99
13) Ethanol	3.58	45	3375798	688.667	ppbv	89
15) Acetone	3.83	43	703366	5.833	ppbv #	64
16) 1,3-Butadiene	3.30	39	320465	4.626	ppbv #	31
17) tert-Butyl alcohol	4.33	59	3612	0.039	ppbv #	70
19) Isopropyl Alcohol	3.95	45	42911	0.748	ppbv #	1
20) Methylene Chloride	4.33	84	81946	1.803	ppbv	94
21) Allyl Chloride	4.36	41	64107	0.780	ppbv #	36
23) Vinyl Acetate	5.04	43	239439	2.510	ppbv #	1
25) Ethyl Acetate	5.67	43	628163	2.177	ppbv #	79
26) Hexane	5.67	57	884288	6.896	ppbv #	39
27) Carbon Disulfide	4.54	76	44518	0.365	ppbv #	88
28) Methyl tert-Butyl Ether	5.02	73	3276	0.034	ppbv #	52
30) Cyclohexane	7.11	84	182993	1.704	ppbv #	83
34) 2-Butanone	5.22	43	940309	5.361	ppbv	100
36) Benzene	6.86	78	444662	1.511	ppbv	97
39) 1,2-Dichloropropane	7.15	63	823313	7.192	ppbv #	26
41) Tetrahydrofuran	6.03	42	123066	1.044	ppbv	92
42) Bromodichloromethane	7.75	83	8936	0.036	ppbv #	26
44) 2,2,4-Trimethylpentane	7.84	57	2496107	4.835	ppbv #	93
50) 4-Methyl-2-Pentanone	8.73	43	125164	0.407	ppbv	95
51) 2-Hexanone	10.10	43	141579	0.631	ppbv #	28
52) Tetrachloroethene	11.19	164	910829	8.664	ppbv	94
53) Toluene	9.77	91	3224171	9.778	ppbv	99
58) Ethyl Benzene	12.68	91	1027464	2.421	ppbv	97
59) m/p-Xylene	12.93	91	2711580	7.484	ppbv	93
60) o-Xylene	13.66	91	1006216	2.951	ppbv	99
62) Isopropylbenzene	14.63	105	92751	0.186	ppbv	97
64) n-propylbenzene	15.53	120	63491	0.527	ppbv	94
65) tert-Butylbenzene	16.72	119	112383	0.257	ppbv #	73
66) Benzyl Chloride	16.73	91	115918	2.030	ppbv #	72
70) n-Butylbenzene	18.53	91	36826	0.069	ppbv #	1
71) 2-Chlorotoluene	15.80	91	24105	0.063	ppbv	68
72) 4-Ethyltoluene	15.80	105	367277	0.945	ppbv #	97
73) 1,3,5-Trimethylbenzene	15.96	105	275029	0.786	ppbv	97
74) 1,2,4-Trimethylbenzene	16.72	105	1025187	2.677	ppbv #	66
80) Naphthalene,2-methyl-	24.94	142	2997	0.032	ppbv	86

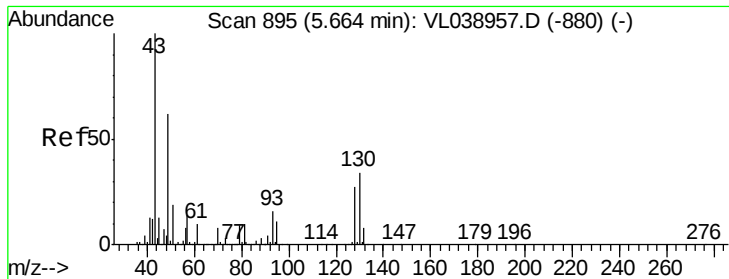
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL050922\
Data File : VL039000.D
Acq On : 9 May 2022 23:42
Operator : SY/AP
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL050522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu May 05 10:12:15 2022
QLast Update : Thu May 05 10:12:15 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: SV2DL

Acq: 9 May 2022 23:42

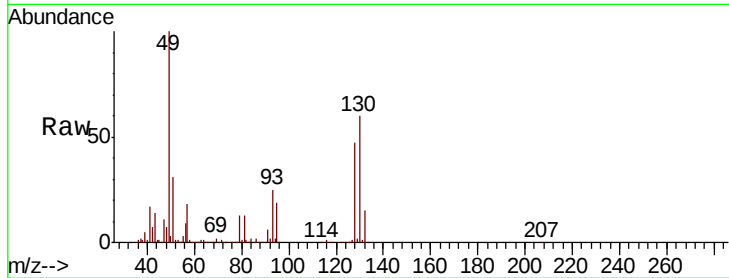
Tot Ion: 49 Resp: 1278246

Ion Ratio Lower Upper

49 100

128 48.9 23.3 69.8

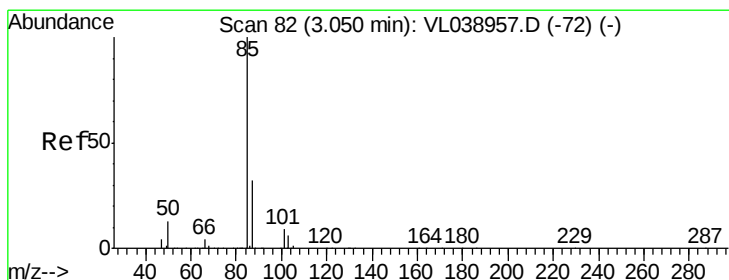
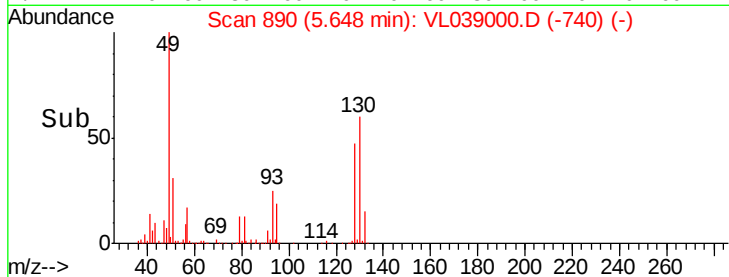
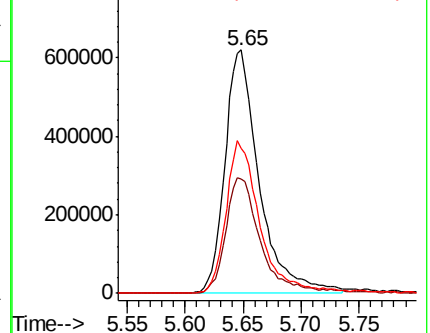
130 62.6 29.8 89.3



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: 0.096 ppbv

RT: 3.04 min Scan# 79

Delta R.T. -0.01 min

Lab File: VL039000.D

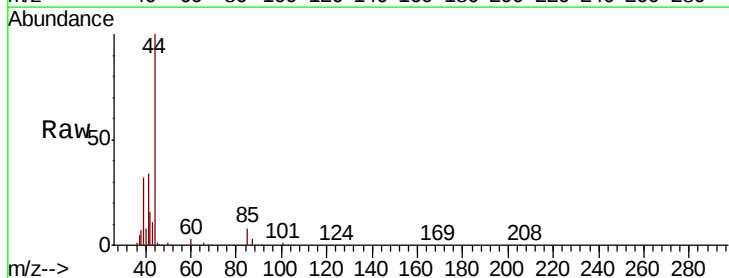
Acq: 9 May 2022 23:42

Tgt Ion: 85 Resp: 19219

Ion Ratio Lower Upper

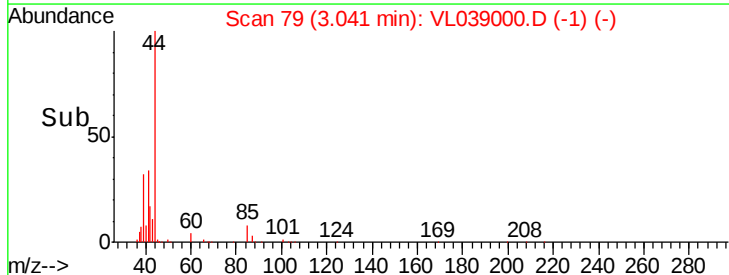
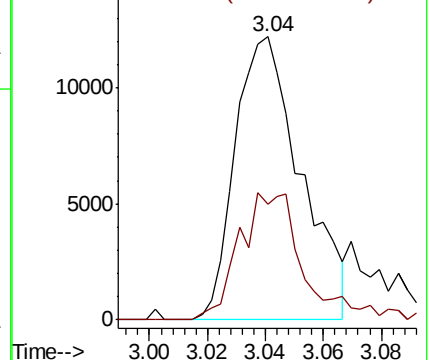
85 100

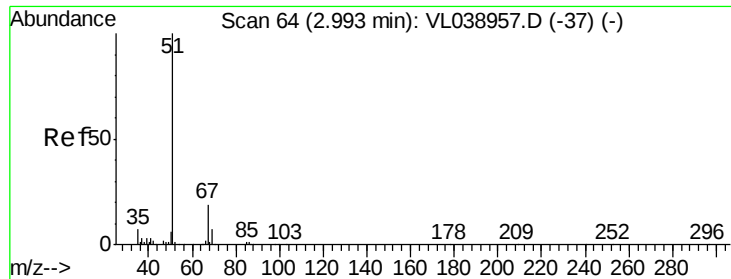
87 40.9 25.7 38.5#



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.145 ppbv

RT: 2.98 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

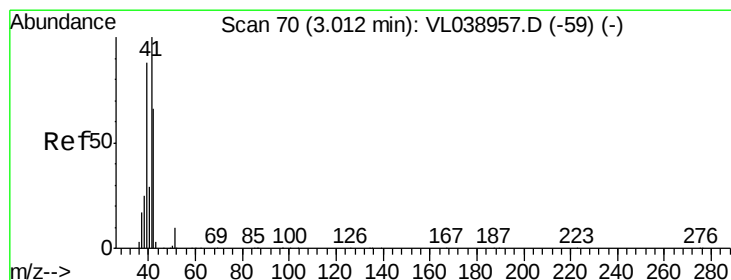
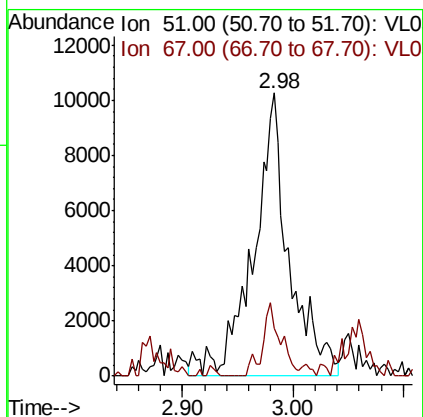
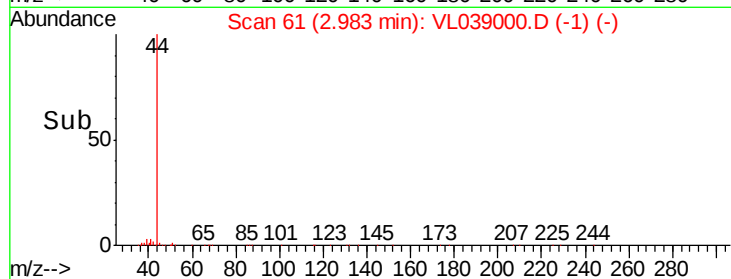
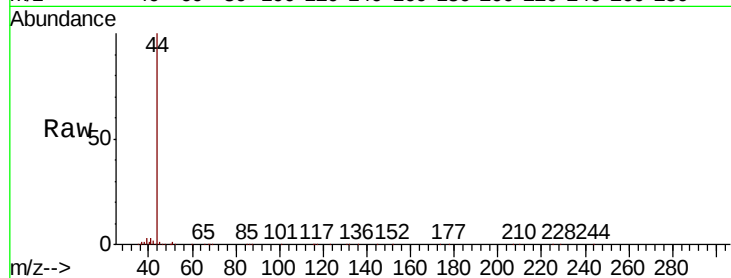
Acq: 9 May 2022 23:42 SV2DL

Tot Ion: 51 Resp: 22951

Ion Ratio Lower Upper

51 100

67 14.2 15.8 23.8#



#9

Propene

Concen: 11.475 ppbv

RT: 3.00 min Scan# 67

Delta R.T. -0.01 min

Lab File: VL039000.D

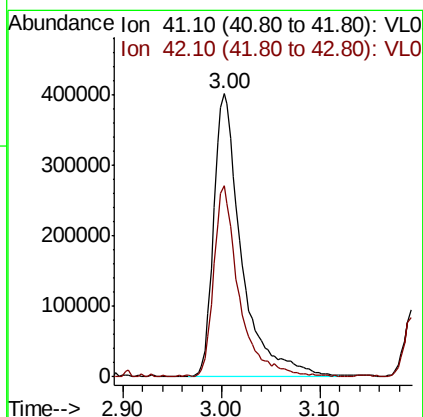
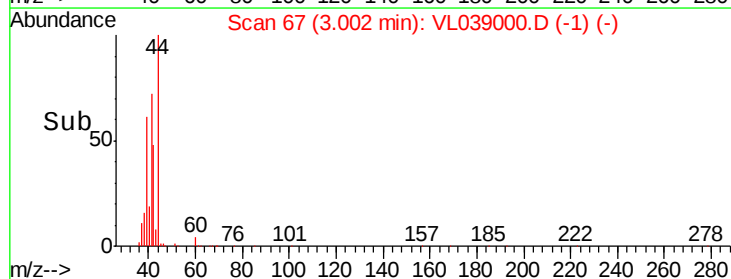
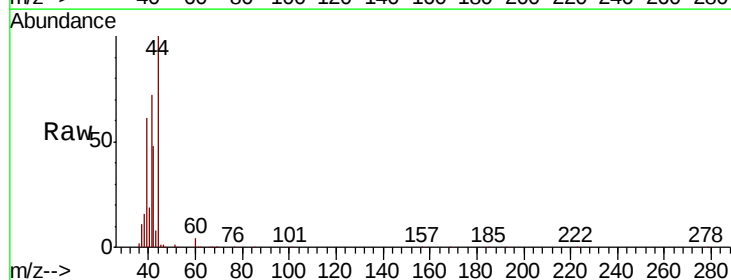
Acq: 9 May 2022 23:42

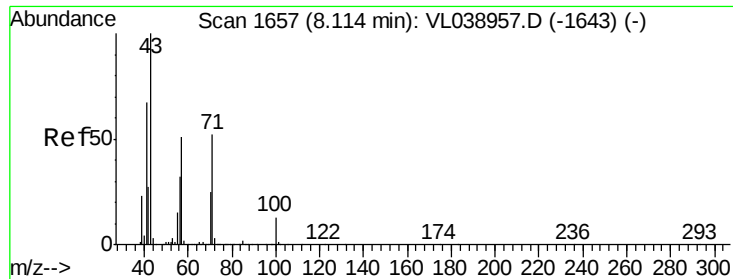
Tgt Ion: 41 Resp: 794821

Ion Ratio Lower Upper

41 100

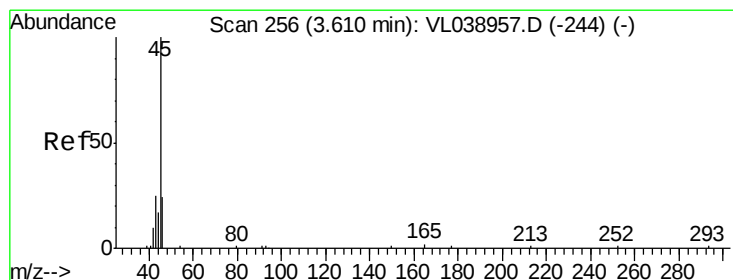
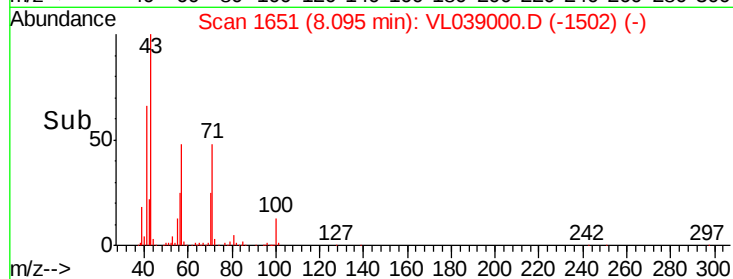
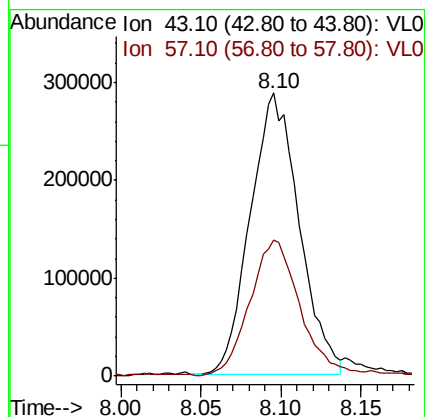
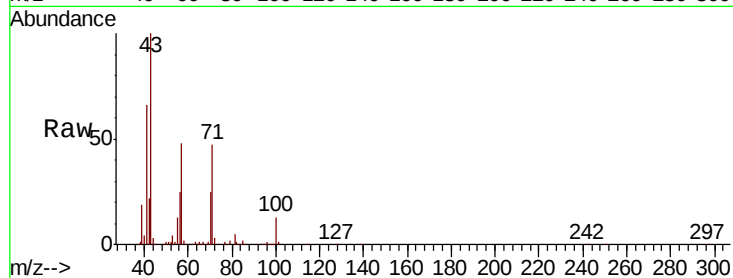
42 61.9 58.3 87.5





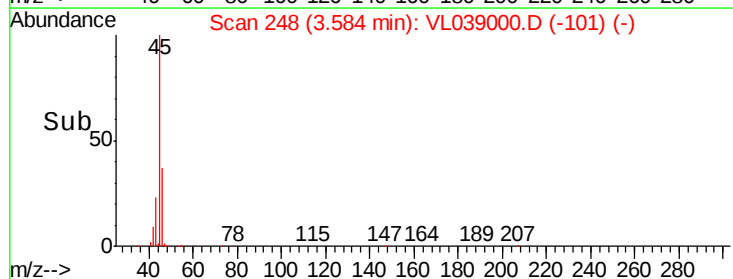
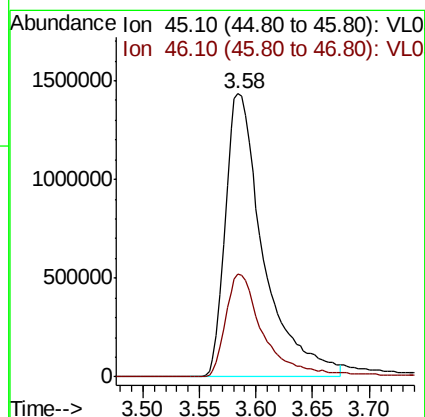
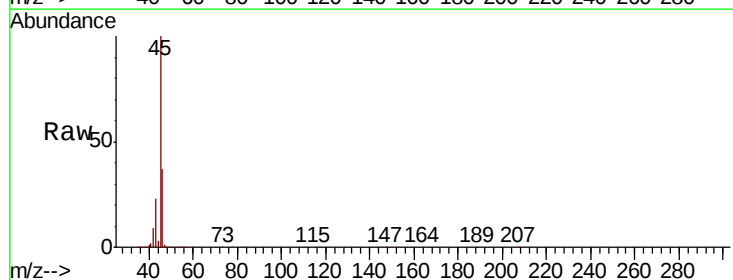
#10
 Heptane
 Concen: 3.555 ppbv
 RT: 8.10
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 SV2DL
 Acq: 9 May 2022 23:42

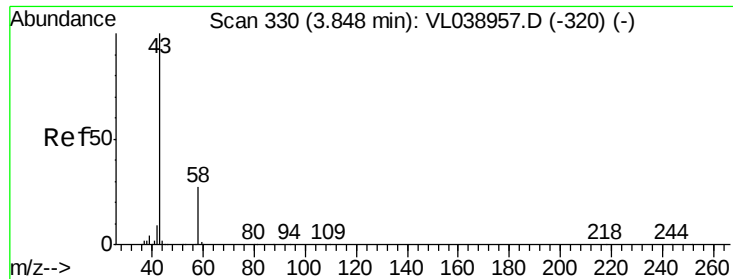
Tot Ion: 43 Resp: 604168
 Ion Ratio Lower Upper
 43 100
 57 49.6 40.5 60.7



#13
 Ethanol
 Concen: 688.667 ppbv
 RT: 3.58 min Scan# 248
 Delta R.T. -0.03 min
 Lab File: VL039000.D
 Acq: 9 May 2022 23:42

Tgt Ion: 45 Resp: 3375798
 Ion Ratio Lower Upper
 45 100
 46 37.9 18.0 72.2





#15

Acetone

Concen: 5.833 ppbv

RT: 3.83 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

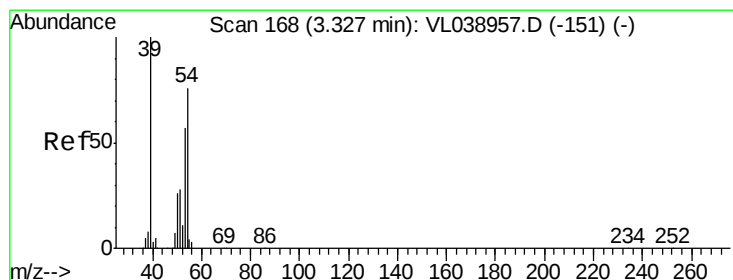
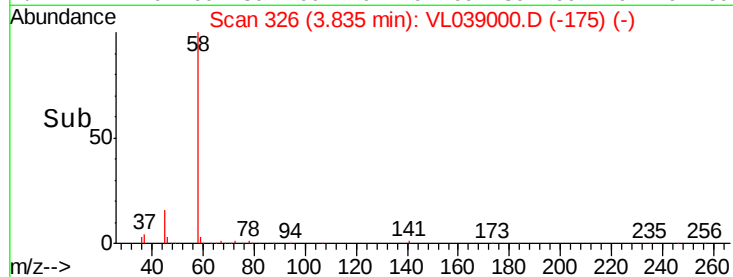
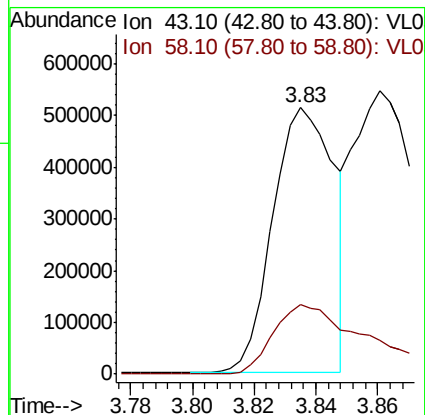
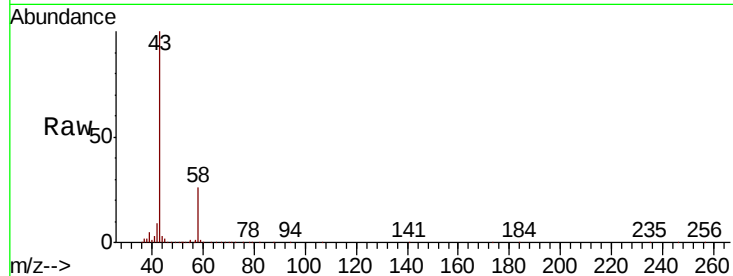
Acq: 9 May 2022 23:42 SV2DL

Tot Ion: 43 Resp: 703366

Ion Ratio Lower Upper

43 100

58 45.2 21.3 31.9#



#16

1,3-Butadiene

Concen: 4.626 ppbv

RT: 3.30 min Scan# 159

Delta R.T. -0.03 min

Lab File: VL039000.D

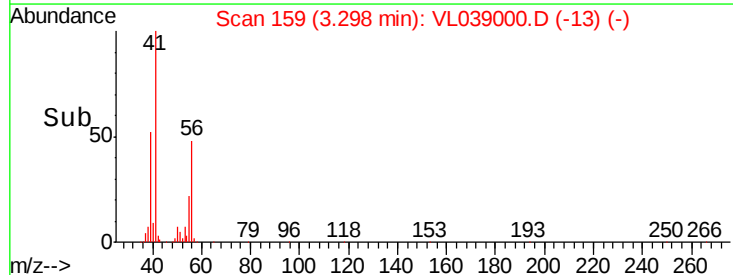
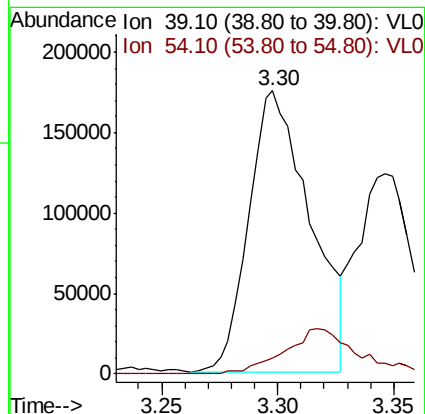
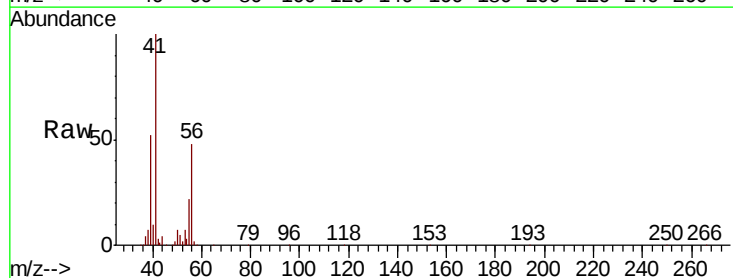
Acq: 9 May 2022 23:42

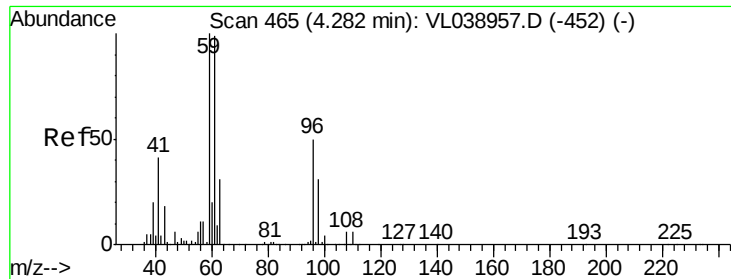
Tgt Ion: 39 Resp: 320465

Ion Ratio Lower Upper

39 100

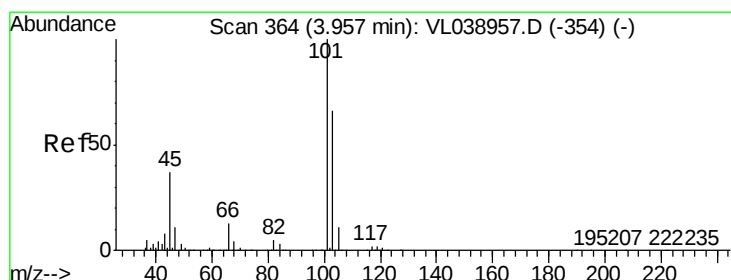
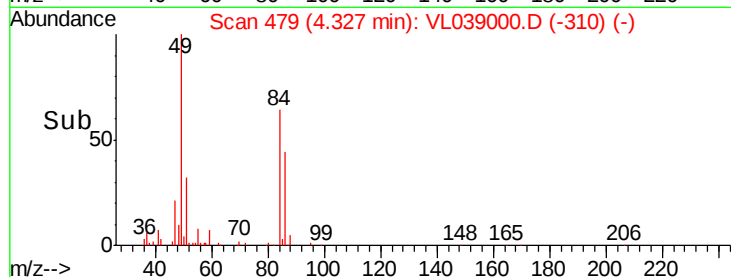
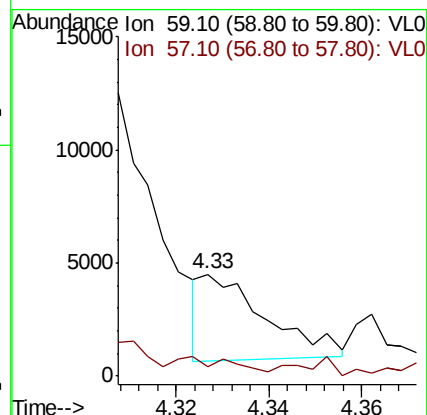
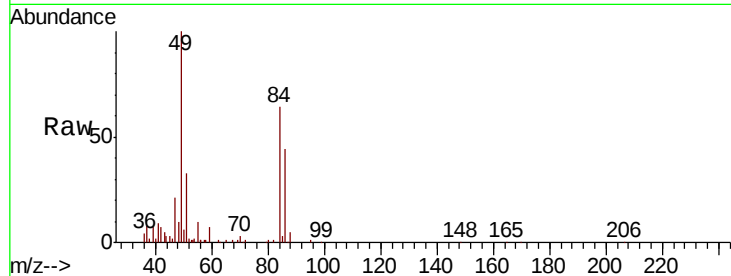
54 19.8 65.2 97.8#





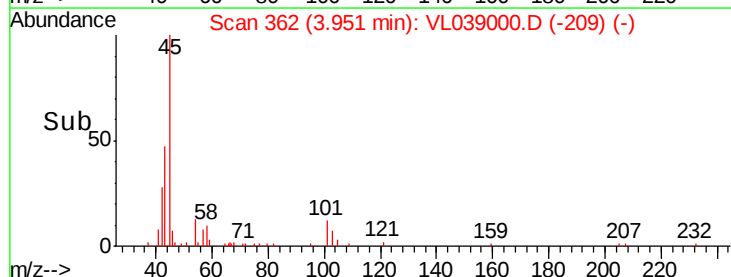
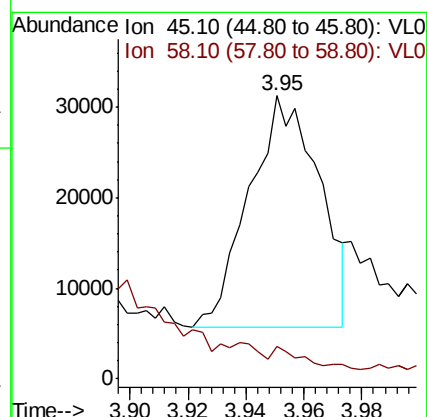
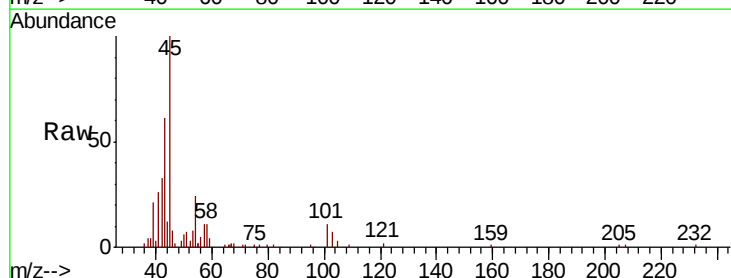
#17
tert-Butyl alcohol
Concen: 0.039 ppbv
RT: 4.33
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 9 May 2022 23:42

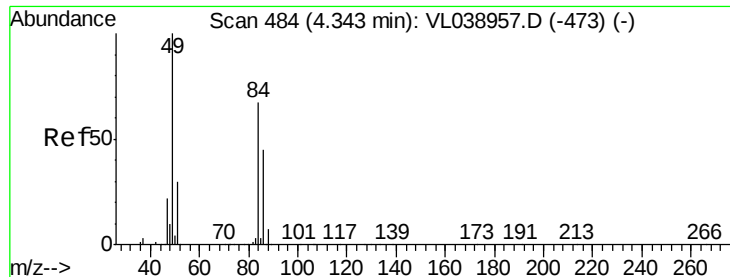
Tot Ion: 59 Resp: 3612
Ion Ratio Lower Upper
59 100
57 0.0 9.2 13.8#



#19
Isopropyl Alcohol
Concen: 0.748 ppbv
RT: 3.95 min Scan# 362
Delta R.T. -0.01 min
Lab File: VL039000.D
Acq: 9 May 2022 23:42

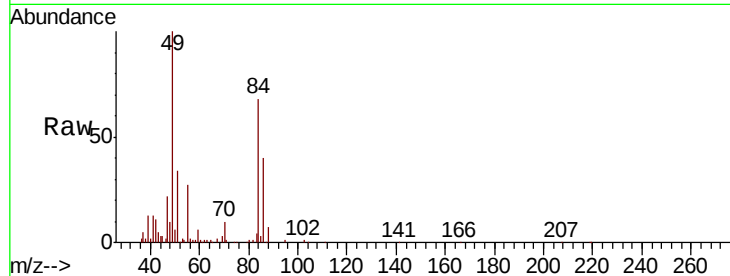
Tgt Ion: 45 Resp: 42911
Ion Ratio Lower Upper
45 100
58 741.6 1.4 2.2#





#20
Methvlene Chloride
Concen: 1.803 ppbv
RT: 4.33
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 9 May 2022 23:42

Tot Ion:	84	Resp:	81946
Ion	Ratio	Lower	Upper
84	100		
49	144.7	119.9	179.9
51	42.7	35.7	53.5
86	58.8	53.8	80.6



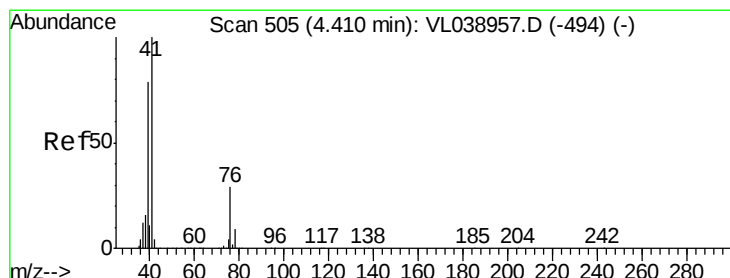
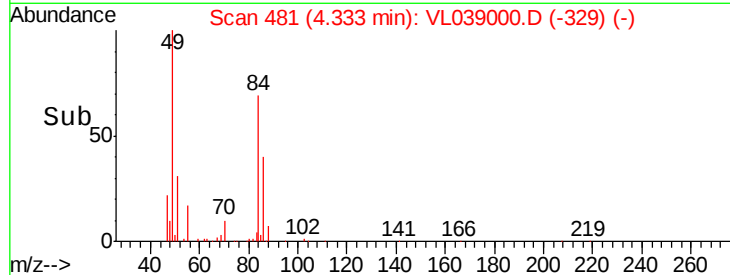
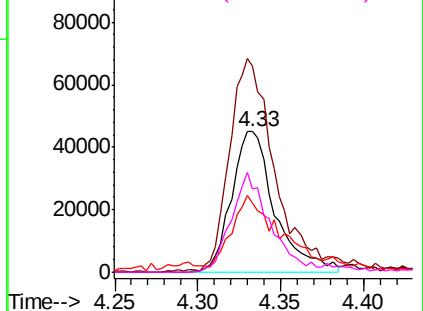
Abundance

Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

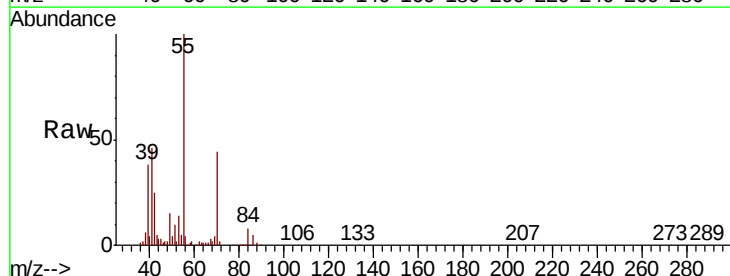
Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0



#21
Allyl Chloride
Concen: 0.780 ppbv
RT: 4.36 min Scan# 489
Delta R.T. -0.05 min
Lab File: VL039000.D
Acq: 9 May 2022 23:42

Tgt Ion:	41	Resp:	64107
Ion	Ratio	Lower	Upper
41	100		
76	0.0	24.2	36.4#
39	138.6	63.8	95.8#

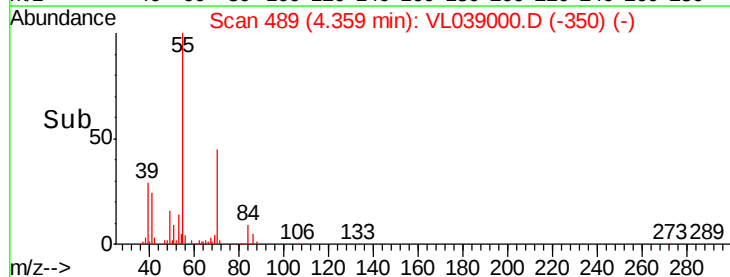
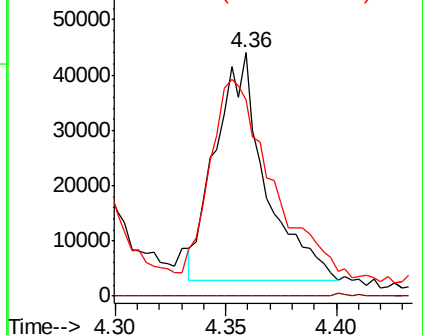


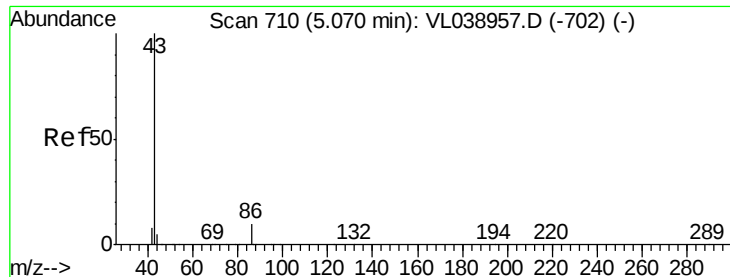
Abundance

Ion 41.10 (40.80 to 41.80): VL0

Ion 76.10 (75.80 to 76.80): VL0

Ion 39.10 (38.80 to 39.80): VL0





#23

Vinyl Acetate

Concen: 2.510 ppbv

RT: 5.04 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

SV2DL

Acq: 9 May 2022 23:42

Tot Ion: 43 Resp: 239439

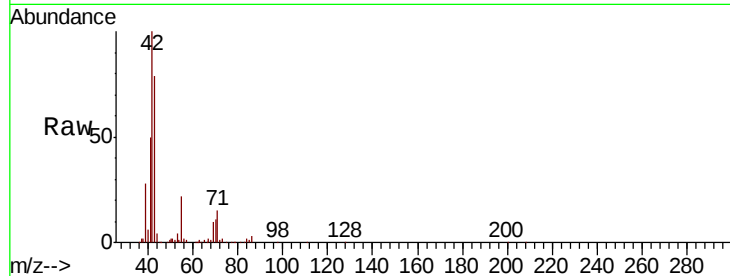
Ion Ratio Lower Upper

43 100

86 4.1 6.6 9.8#

42 127.3 8.1 12.1#

44 2.3 3.5 5.3#

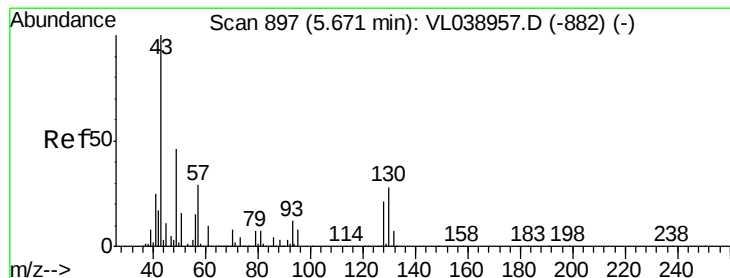
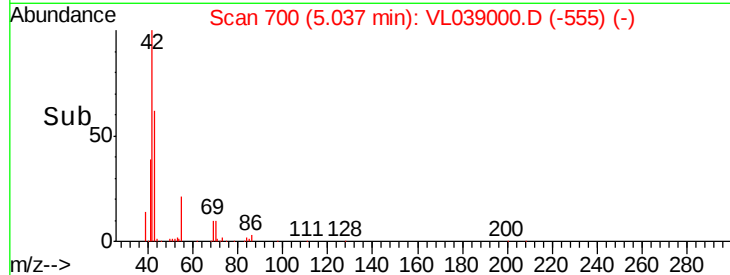
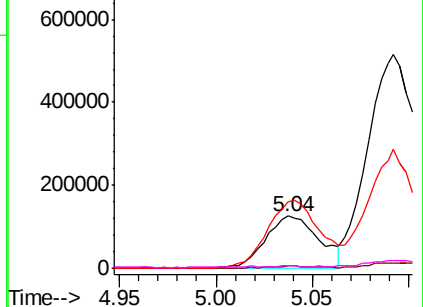


Abundance Ion 43.10 (42.80 to 43.80): VL0

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: 2.177 ppbv

RT: 5.67 min Scan# 896

Delta R.T. -0.00 min

Lab File: VL039000.D

Acq: 9 May 2022 23:42

Tgt Ion: 43 Resp: 628163

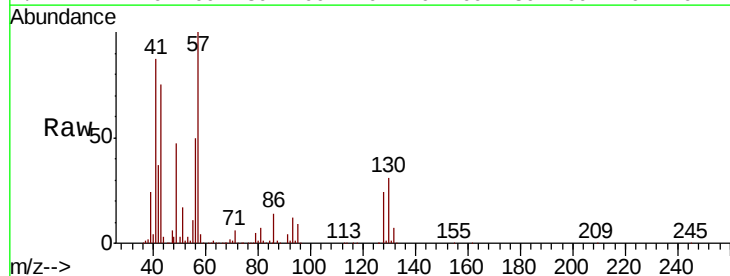
Ion Ratio Lower Upper

43 100

45 1.8 8.1 12.1#

61 0.5 7.8 11.6#

70 1.9 5.6 8.4#

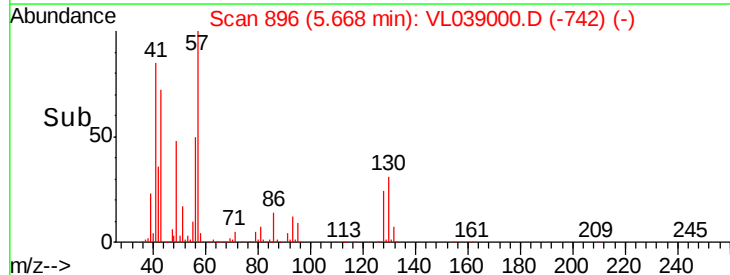
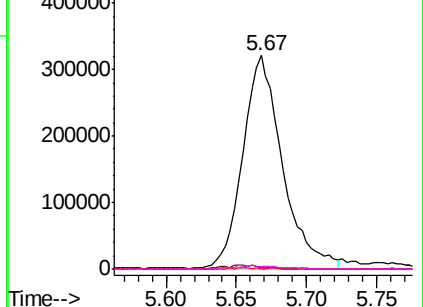


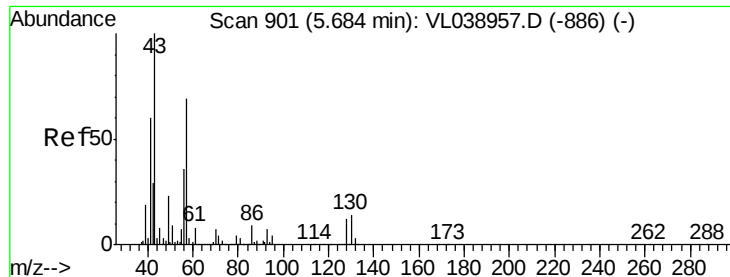
Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 45.10 (44.80 to 45.80): VL0

Ion 61.10 (60.80 to 61.80): VL0

Ion 70.10 (69.80 to 70.80): VL0





#26

Hexane

Concen: 6.896 ppbv

RT: 5.67

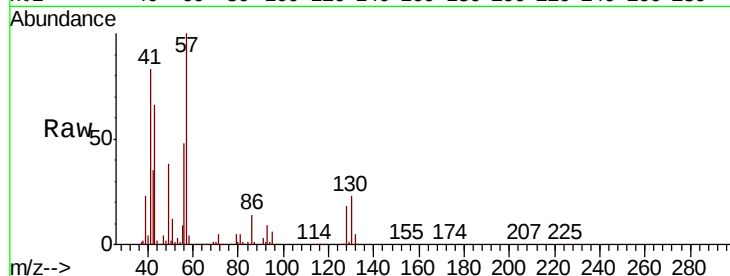
Delta R.T. MSVOA_L

Lab File: ClientSampleId :

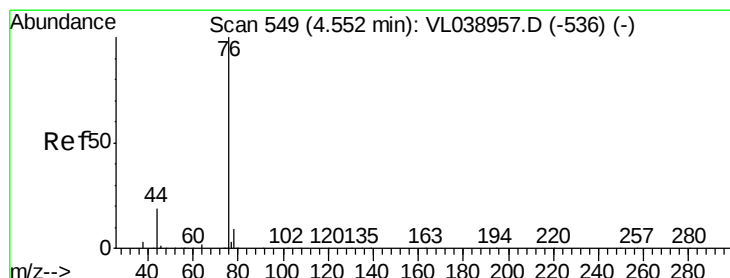
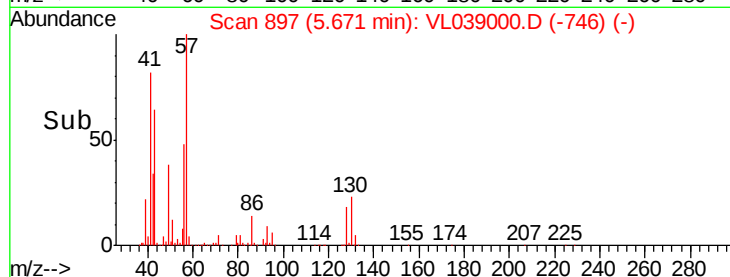
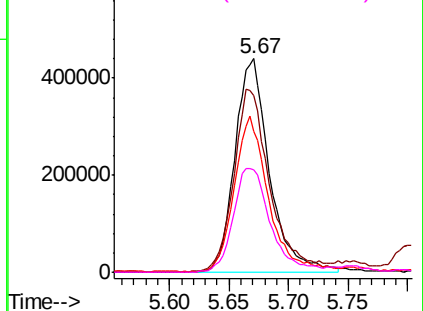
Acq: 9 May 2022 23:42 SV2DL

Tot Ion: 57 Resp: 884288

Ion	Ratio	Lower	Upper
57	100		
41	90.7	75.2	112.8
43	75.6	190.8	286.2#
56	52.2	43.0	64.6



Abundance Ion 57.10 (56.80 to 57.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 43.10 (42.80 to 43.80): VL0
Ion 56.10 (55.80 to 56.80): VL0



#27

Carbon Disulfide

Concen: 0.365 ppbv

RT: 4.54 min Scan# 545

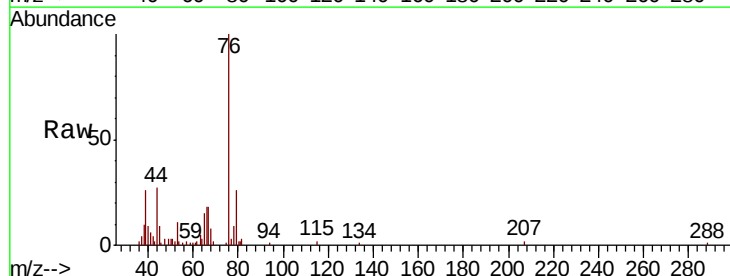
Delta R.T. -0.01 min

Lab File: VL039000.D

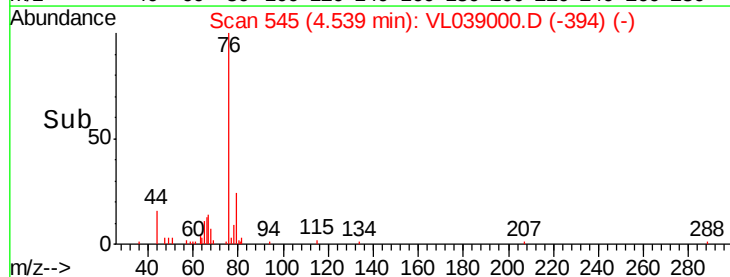
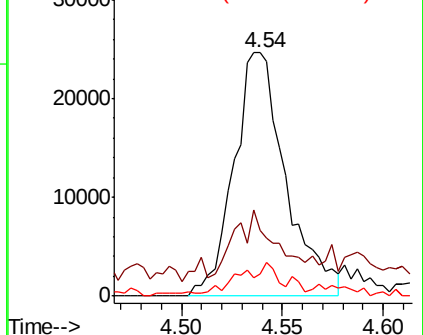
Acq: 9 May 2022 23:42

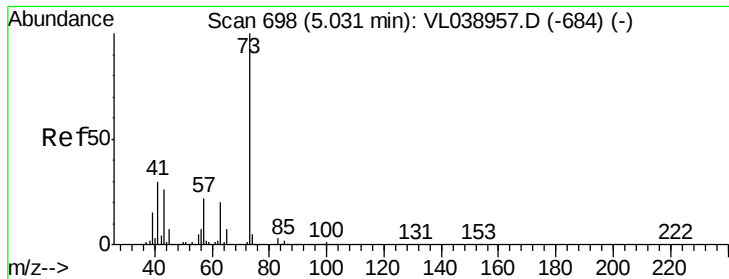
Tgt Ion: 76 Resp: 44518

Ion	Ratio	Lower	Upper
76	100		
44	25.5	15.3	22.9#
78	12.8	8.2	12.2#



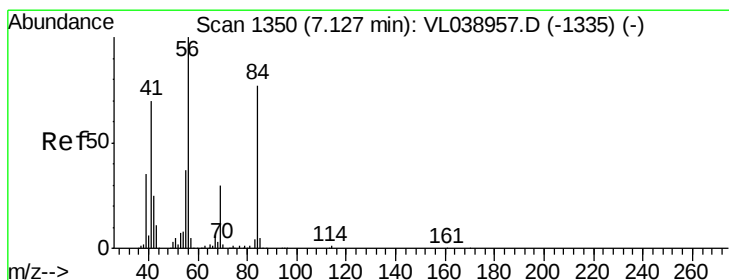
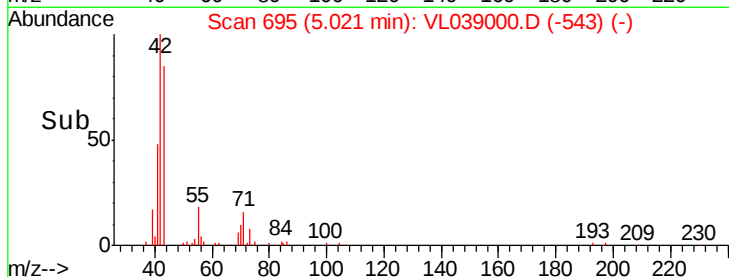
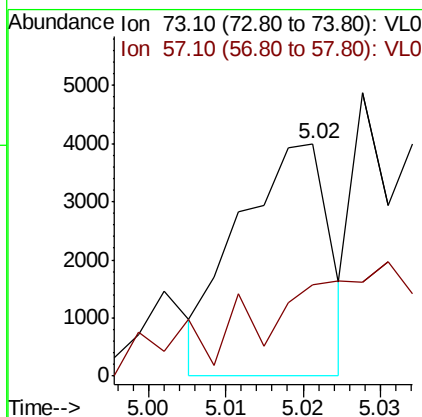
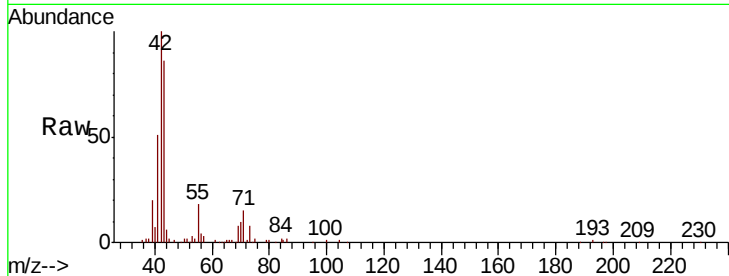
Abundance Ion 76.00 (75.70 to 76.70): VL0
Ion 44.10 (43.80 to 44.80): VL0
Ion 78.00 (77.70 to 78.70): VL0





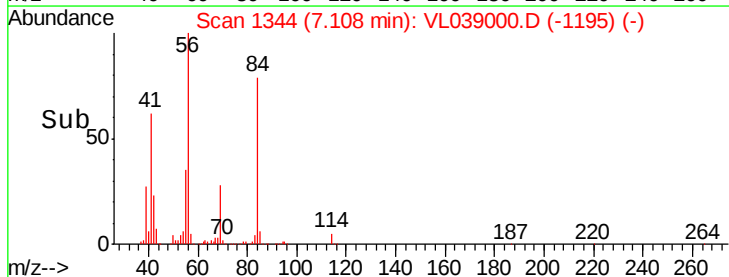
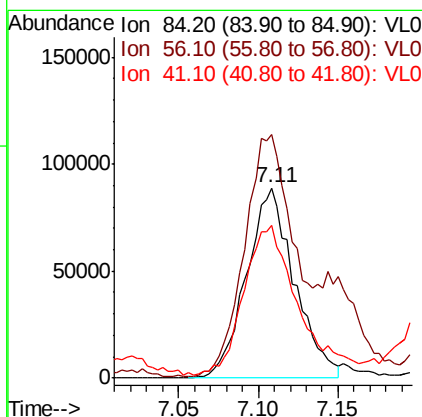
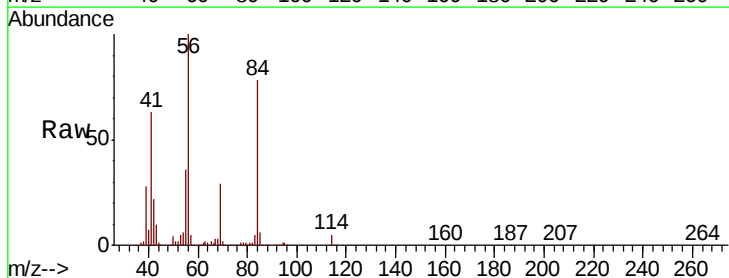
#28
Methvl tert-Butvl Ether
Concen: 0.034 ppbv
RT: 5.02
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 9 May 2022 23:42

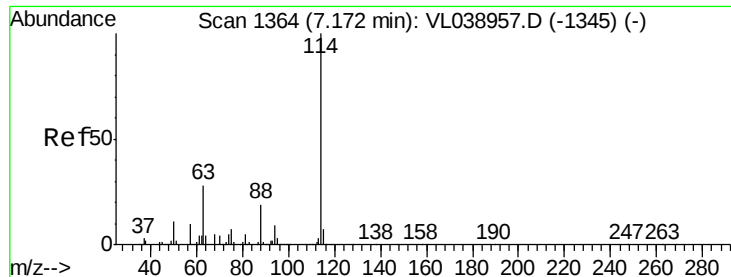
Tot Ion: 73 Resp: 3276
Ion Ratio Lower Upper
73 100
57 0.0 18.8 28.2#



#30
Cyclohexane
Concen: 1.704 ppbv
RT: 7.11 min Scan# 1344
Delta R.T. -0.02 min
Lab File: VL039000.D
Acq: 9 May 2022 23:42

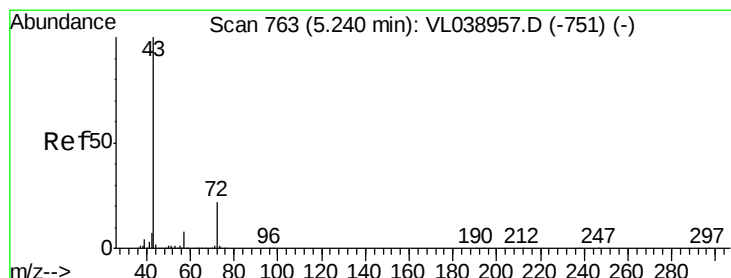
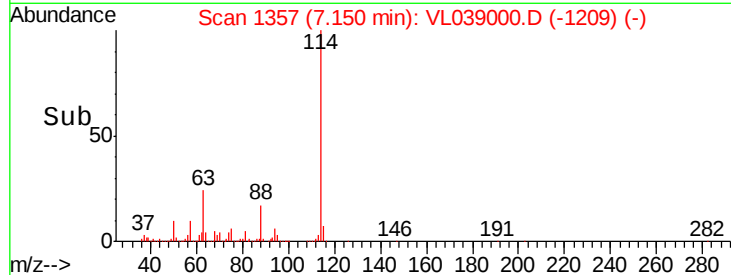
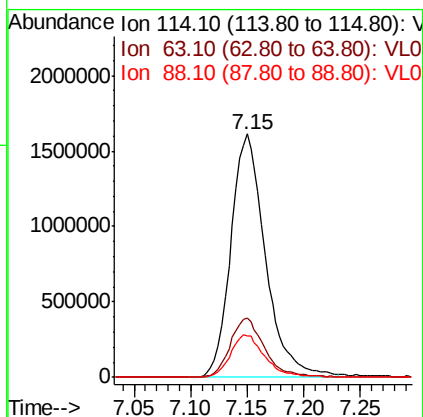
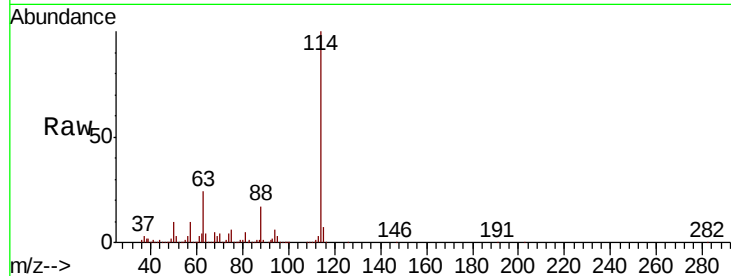
Tgt Ion: 84 Resp: 182993
Ion Ratio Lower Upper
84 100
56 177.2 115.3 172.9#
41 89.0 72.0 108.0





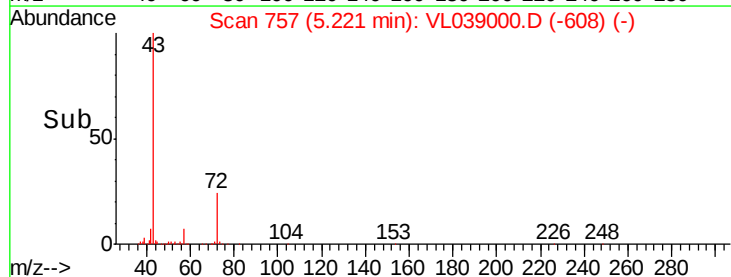
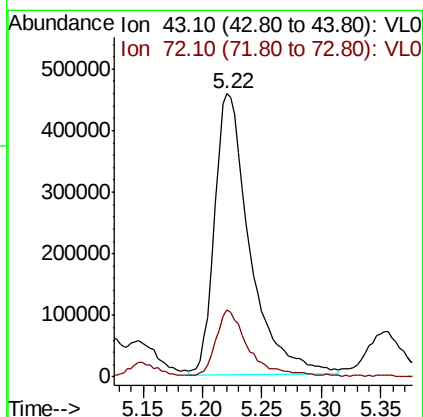
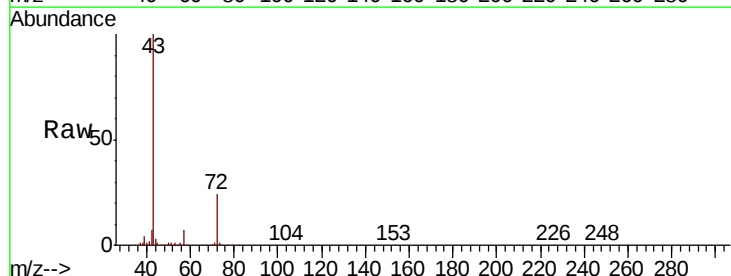
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.15
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 SV2DL
 Acq: 9 May 2022 23:42

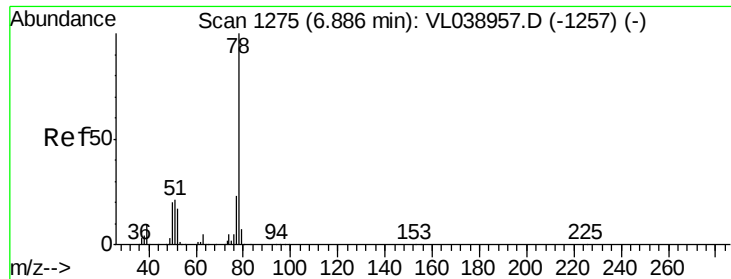
Tot Ion:114 Resp: 3437787
 Ion Ratio Lower Upper
 114 100
 63 24.3 22.6 33.8
 88 17.6 15.4 23.0



#34
 2-Butanone
 Concen: 5.361 ppbv
 RT: 5.22 min Scan# 757
 Delta R.T. -0.02 min
 Lab File: VL039000.D
 Acq: 9 May 2022 23:42

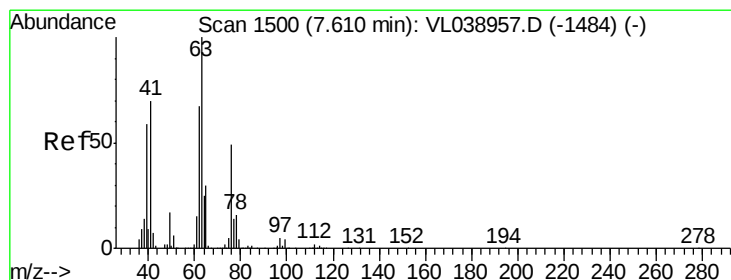
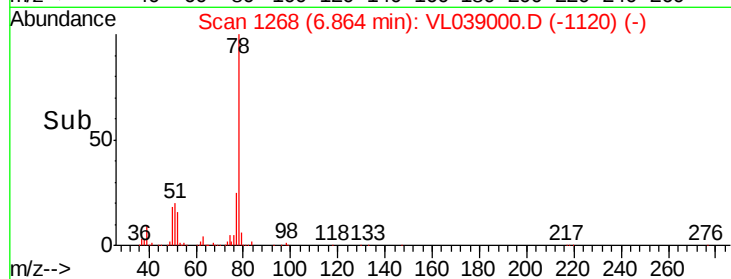
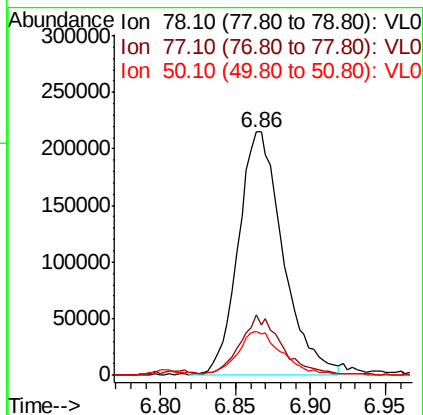
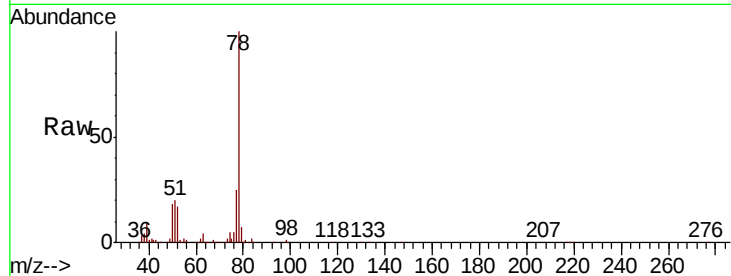
Tgt Ion: 43 Resp: 940309
 Ion Ratio Lower Upper
 43 100
 72 22.4 17.8 26.6





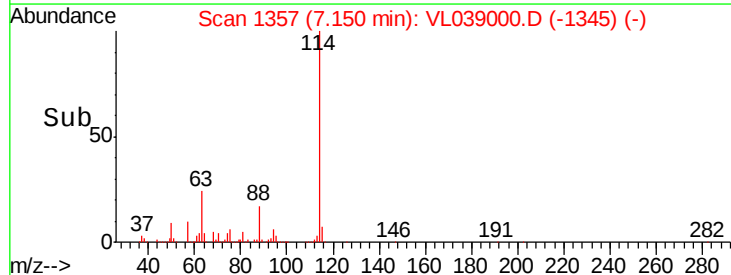
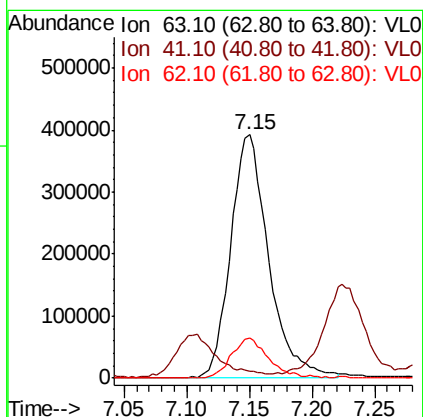
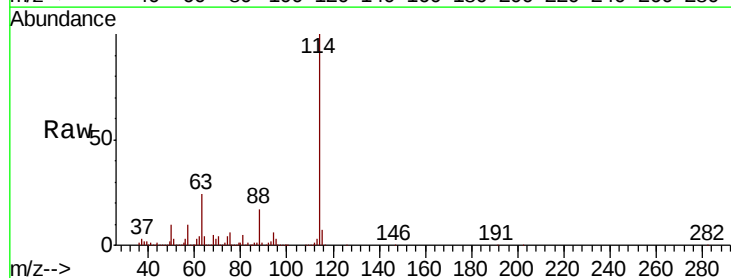
#36
Benzene
Concen: 1.511 ppbv
RT: 6.86
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
SV2DL
Acq: 9 May 2022 23:42

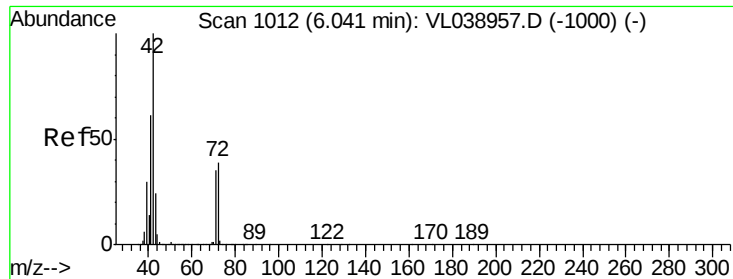
Tot Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.6	28.0
50	17.2	15.6	23.4



#39
1,2-Dichloropropane
Concen: 7.192 ppbv
RT: 7.15 min Scan# 1357
Delta R.T. -0.46 min
Lab File: VL039000.D
Acq: 9 May 2022 23:42

Tgt Ion	Ratio	Lower	Upper
63	100		
41	0.0	55.9	83.9#
62	16.7	53.8	80.6#





#41

Tetrahydrofuran

Concen: 1.044 ppbv

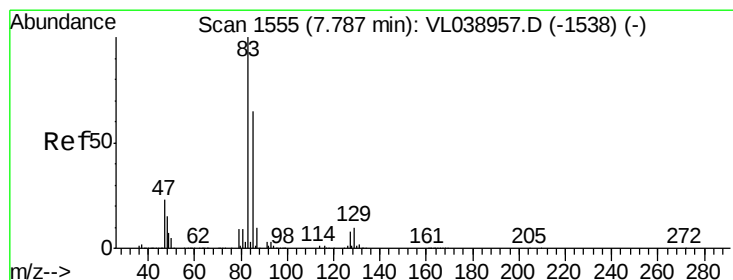
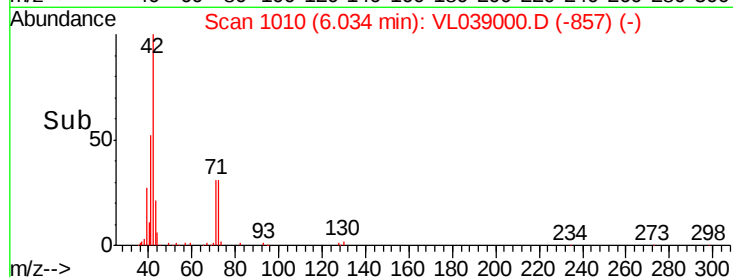
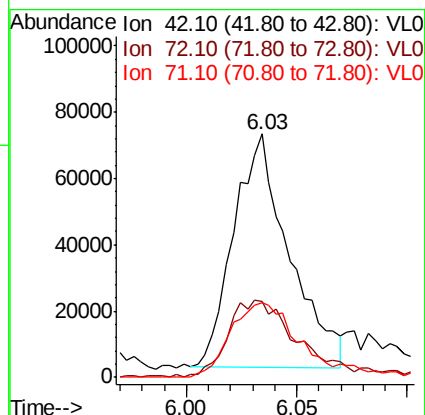
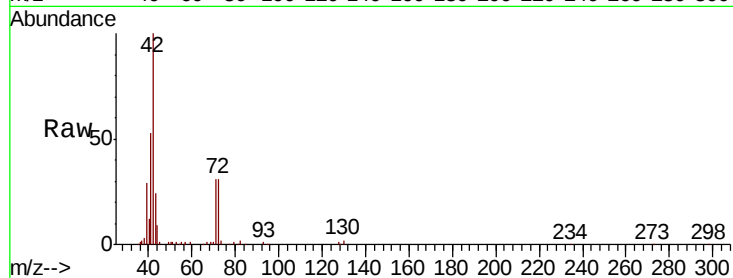
RT: 6.03 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: SV2DL

Acq: 9 May 2022 23:42

Tot Ion:	42	Resp:	123066
Ion	Ratio	Lower	Upper
42	100		
72	45.2	31.8	47.6
71	42.0	30.6	45.8



#42

Bromodichloromethane

Concen: 0.036 ppbv

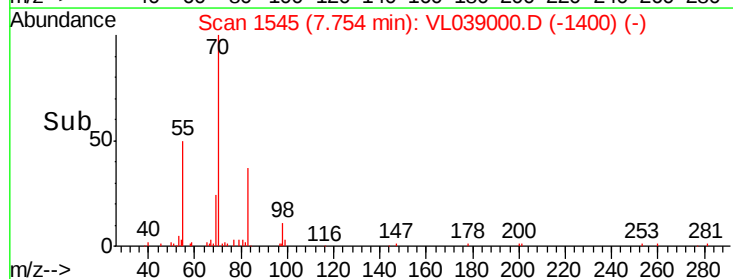
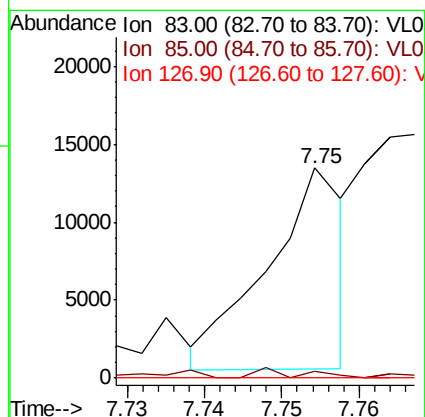
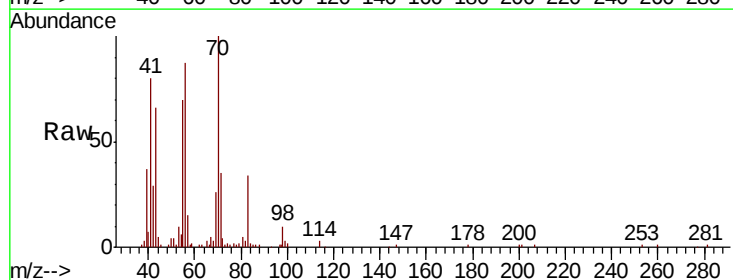
RT: 7.75 min Scan# 1545

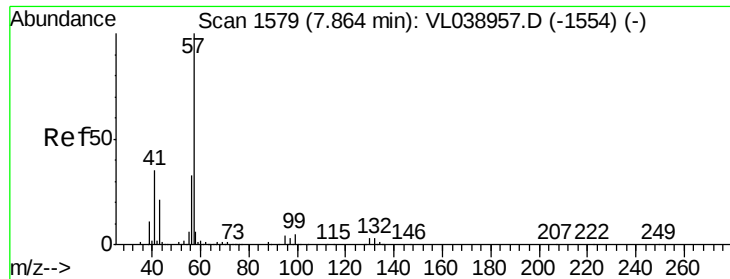
Delta R.T. -0.03 min

Lab File: VL039000.D

Acq: 9 May 2022 23:42

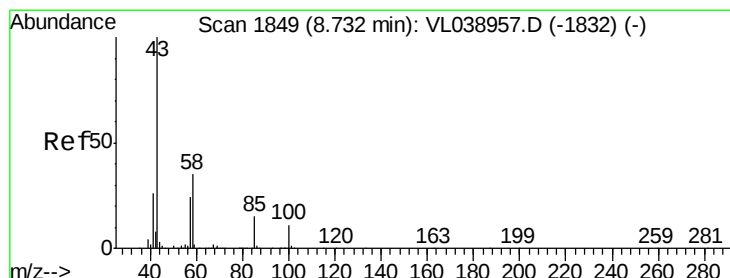
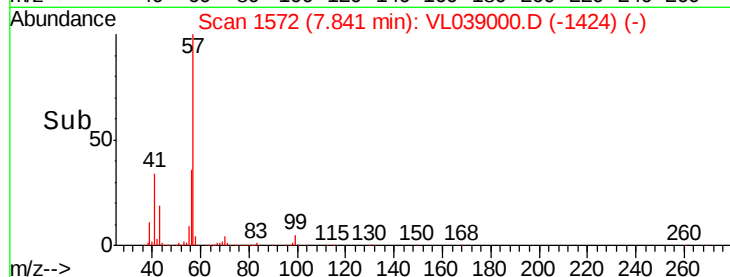
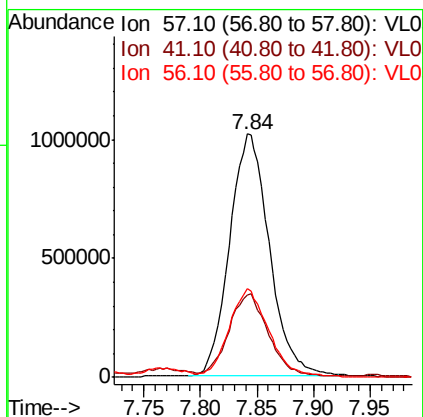
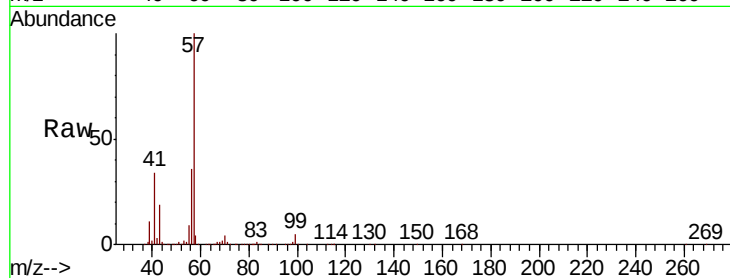
Tgt Ion:	83	Resp:	8936
Ion	Ratio	Lower	Upper
83	100		
85	2.0	52.0	78.0#
127	0.0	6.0	9.0#





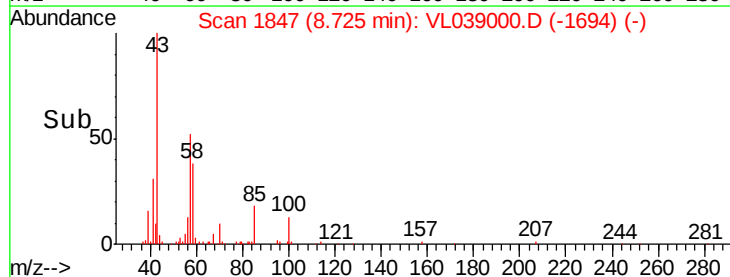
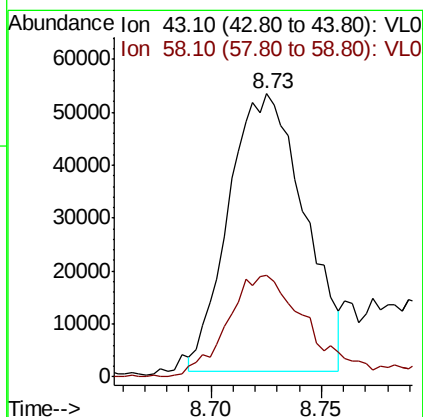
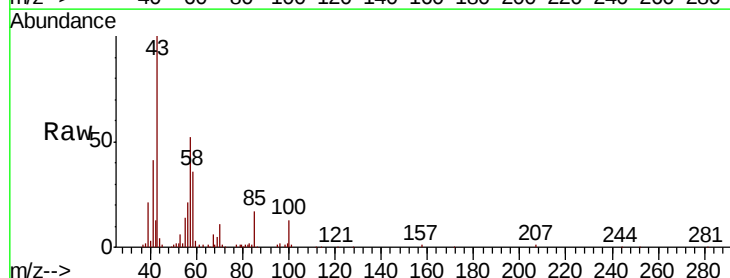
#44
 2,2,4-Trimethylpentane
 Concen: 4.835 ppbv
 RT: 7.84
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 SV2DL
 Acq: 9 May 2022 23:42

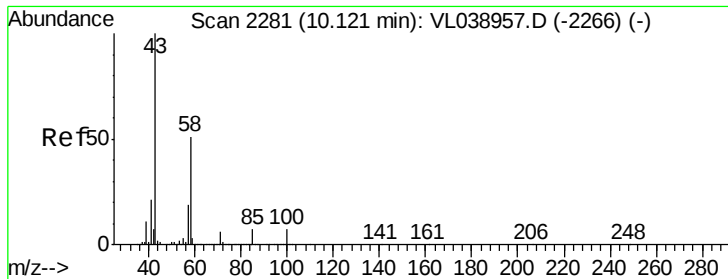
Tot Ion: 57 Resp: 2496107
 Ion Ratio Lower Upper
 57 100
 41 34.8 26.3 39.5
 56 37.0 24.6 37.0#



#50
 4-Methyl-2-Pentanone
 Concen: 0.407 ppbv
 RT: 8.73 min Scan# 1847
 Delta R.T. -0.01 min
 Lab File: VL039000.D
 Acq: 9 May 2022 23:42

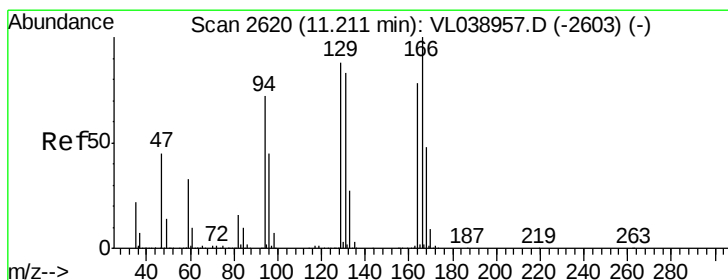
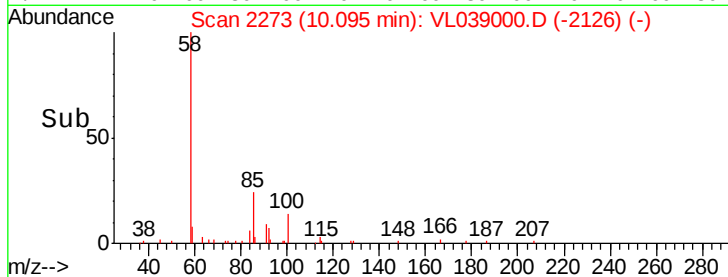
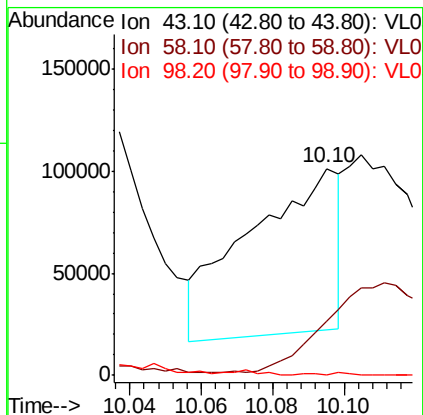
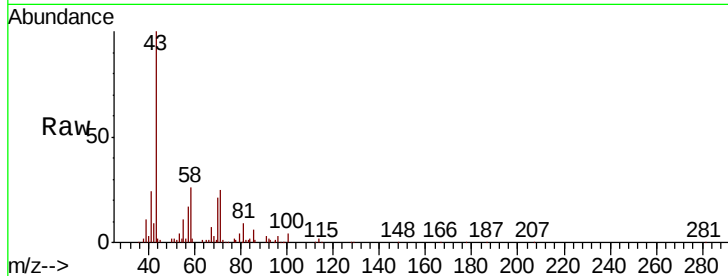
Tgt Ion: 43 Resp: 125164
 Ion Ratio Lower Upper
 43 100
 58 38.4 28.4 42.6





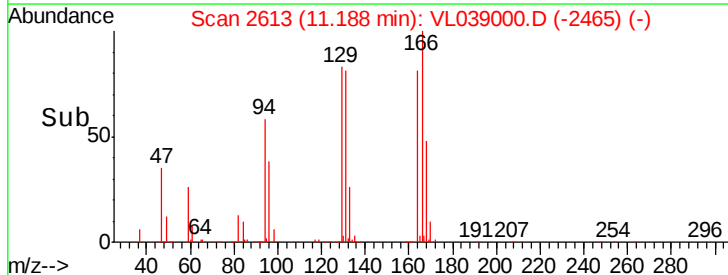
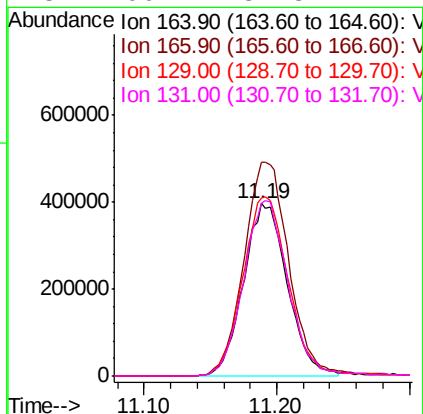
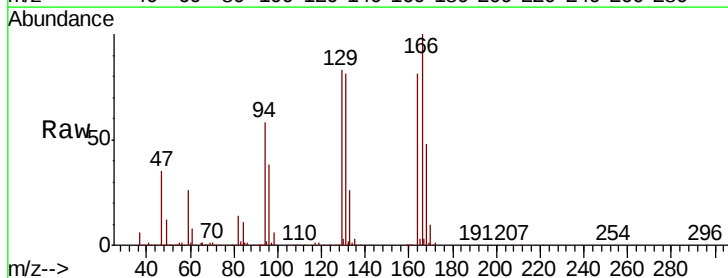
#51
2-Hexanone
Concen: 0.631 ppbv
RT: 10.10
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 9 May 2022 23:42

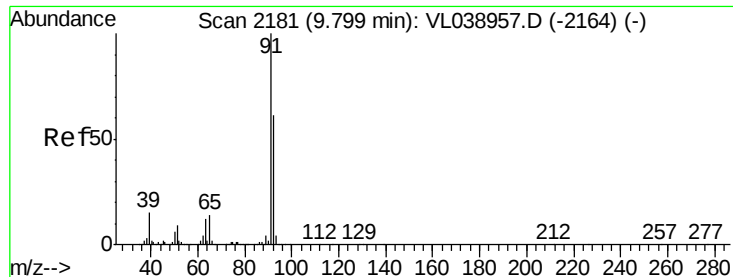
Tot Ion: 43 Resp: 141579
Ion Ratio Lower Upper
43 100
58 0.0 39.3 58.9#
98 1.9 0.2 0.2#



#52
Tetrachloroethene
Concen: 8.664 ppbv
RT: 11.19 min Scan# 2613
Delta R.T. -0.02 min
Lab File: VL039000.D
Acq: 9 May 2022 23:42

Tgt Ion: 164 Resp: 910829
Ion Ratio Lower Upper
164 100
166 123.7 102.5 153.7
129 103.0 90.1 135.1
131 100.2 84.8 127.2





#53

Toluene

Concen: 9.778 ppbv

RT: 9.77 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

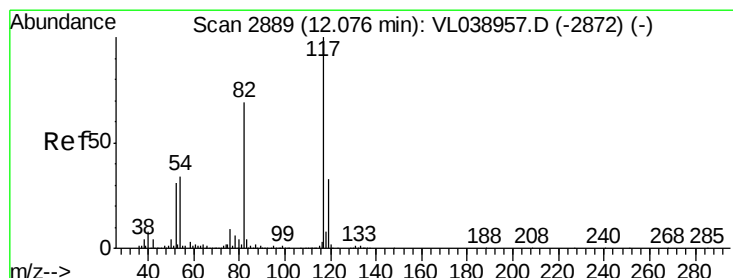
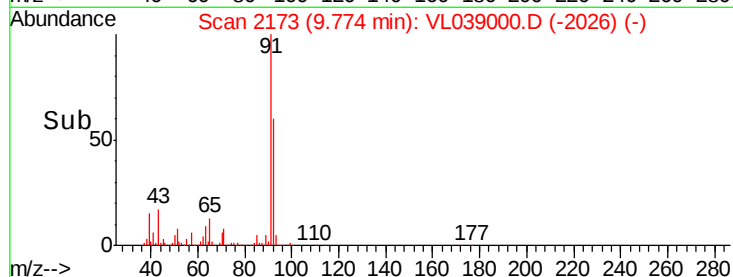
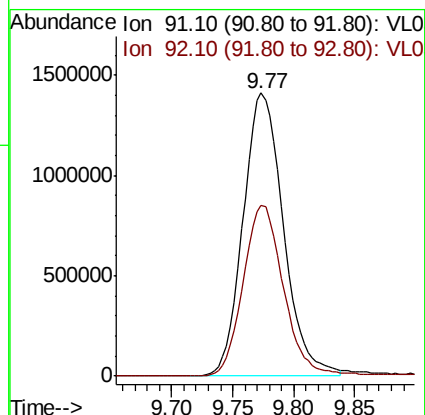
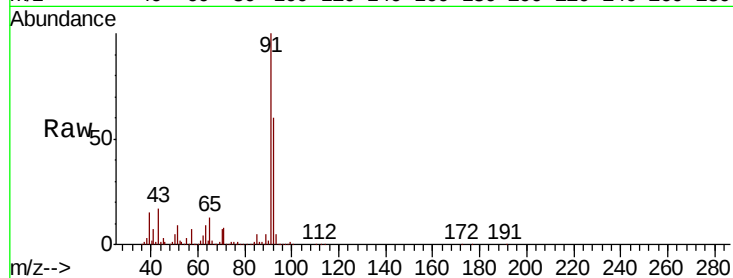
Acq: 9 May 2022 23:42 SV2DL

Tot Ion: 91 Resp: 3224171

Ion Ratio Lower Upper

91 100

92 61.3 48.2 72.2



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.05 min Scan# 2882

Delta R.T. -0.02 min

Lab File: VL039000.D

Acq: 9 May 2022 23:42

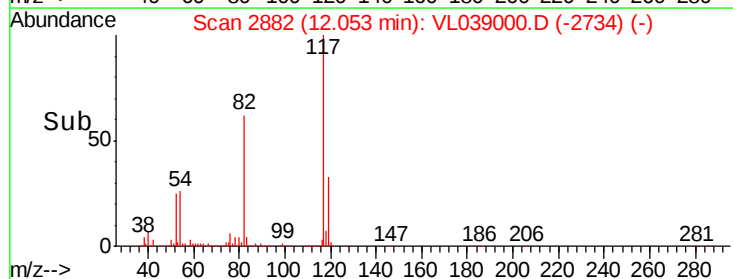
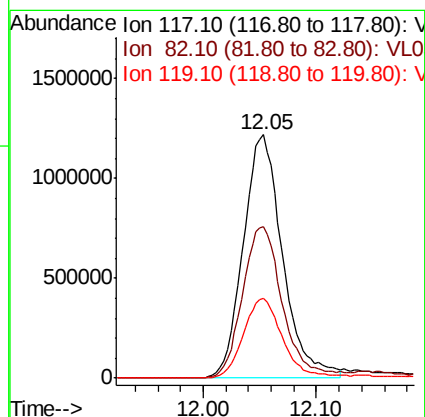
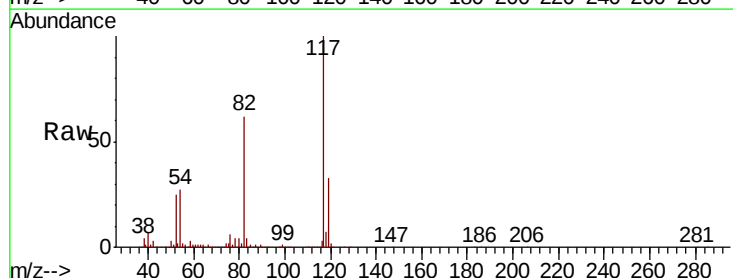
Tgt Ion: 117 Resp: 2948964

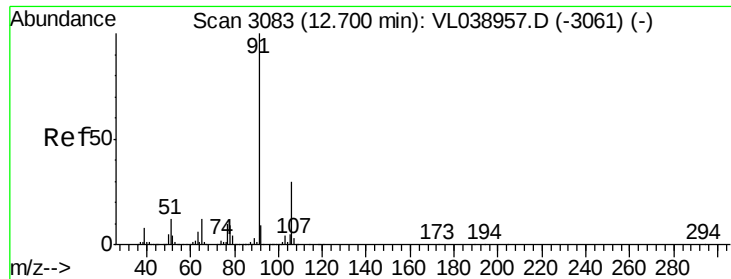
Ion Ratio Lower Upper

117 100

82 63.6 57.0 85.6

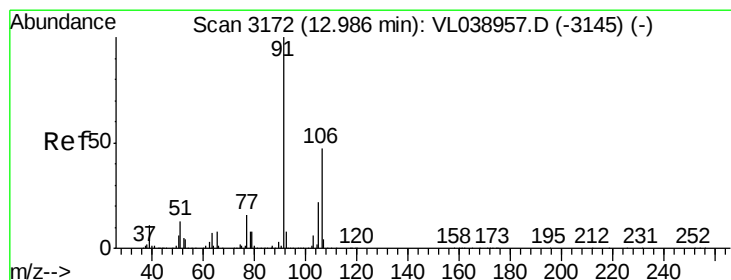
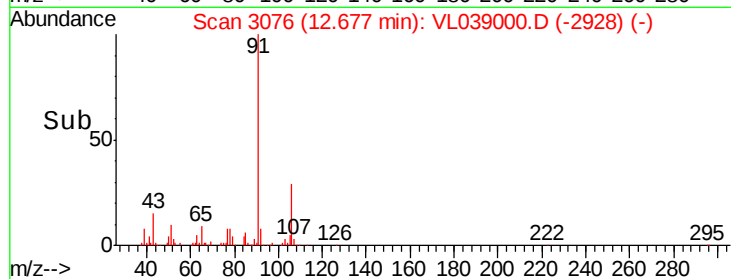
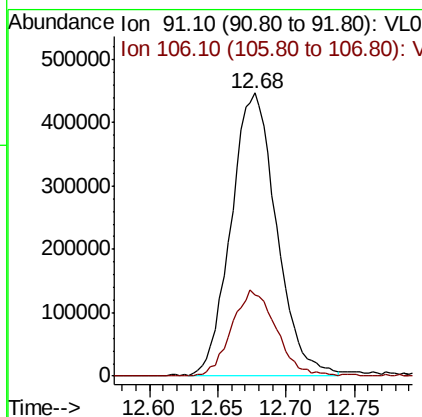
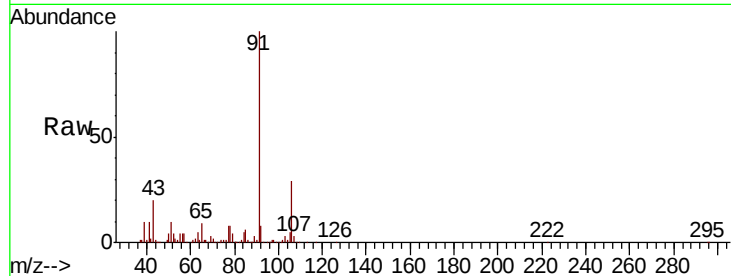
119 33.8 27.2 40.8





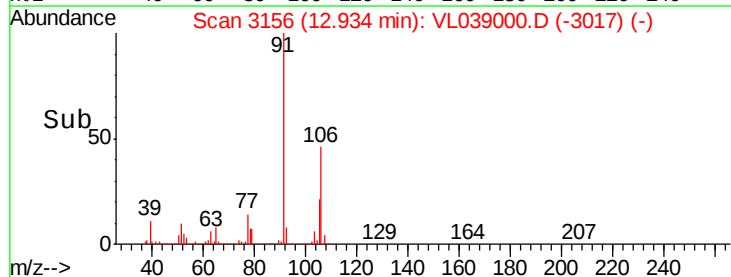
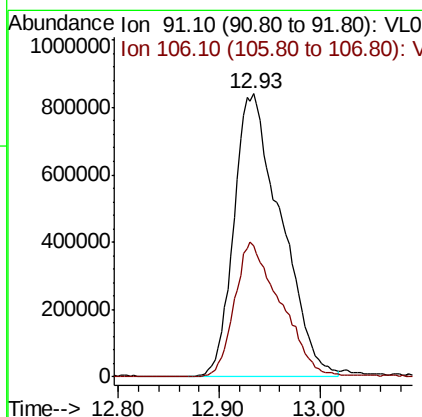
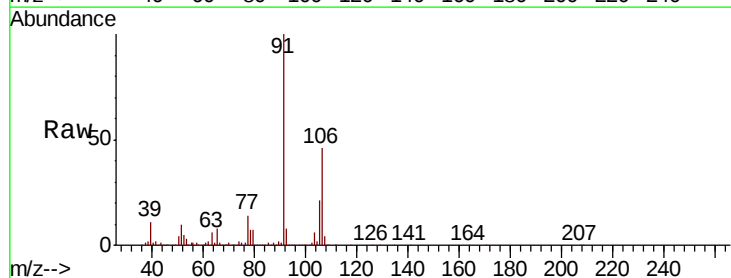
#58
Ethyl Benzene
Concen: 2.421 ppbv
RT: 12.68
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
SV2DL
Acq: 9 May 2022 23:42

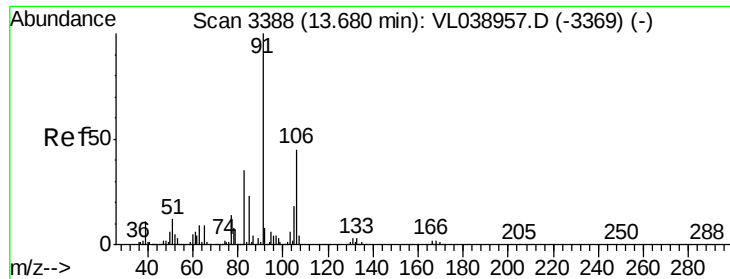
Tot Ion: 91 Resp: 1027464
Ion Ratio Lower Upper
91 100
106 28.6 24.2 36.4



#59
m/p-Xylene
Concen: 7.484 ppbv
RT: 12.93 min Scan# 3156
Delta R.T. -0.05 min
Lab File: VL039000.D
Acq: 9 May 2022 23:42

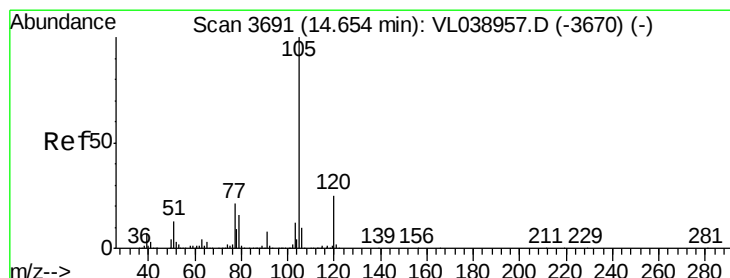
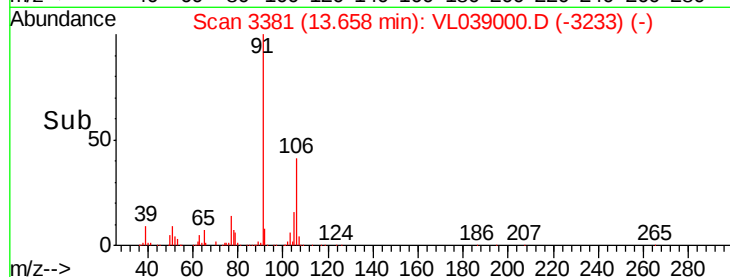
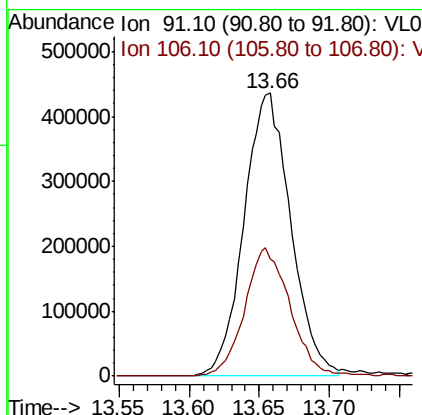
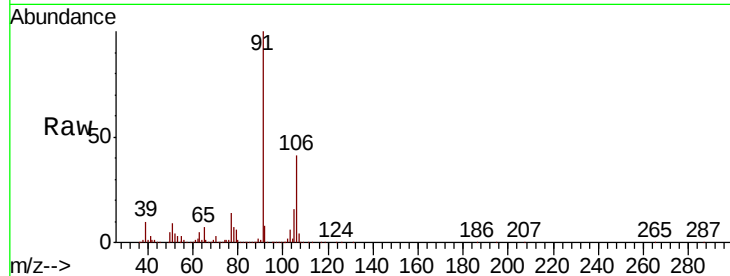
Tgt Ion: 91 Resp: 2711580
Ion Ratio Lower Upper
91 100
106 47.6 34.6 52.0





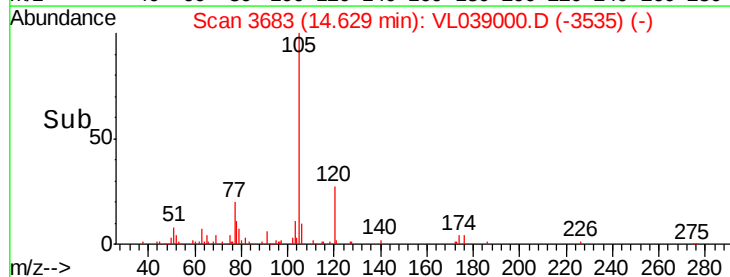
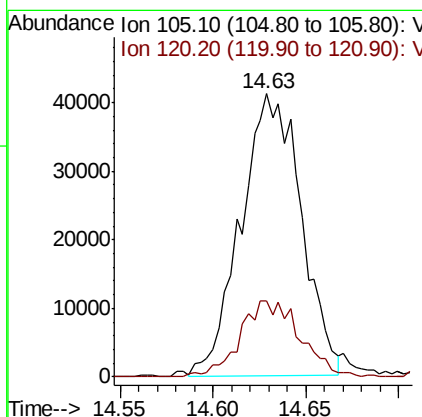
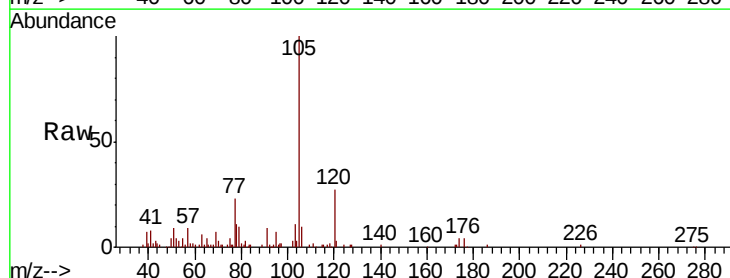
#60
o-Xylene
Concen: 2.951 ppbv
RT: 13.66
Delta R.T.: MSVOA_L
Lab File: ClientSampleId :
Acq: 9 May 2022 23:42

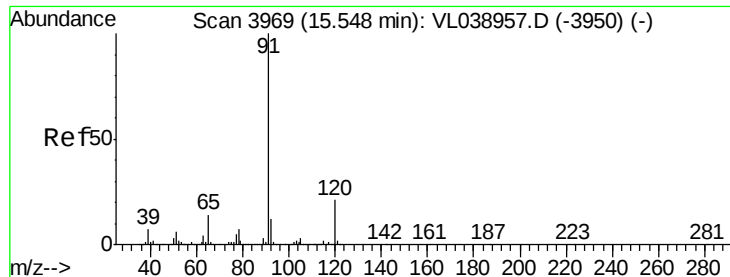
Tot Ion: 91 Resp: 1006216
Ion Ratio Lower Upper
91 100
106 44.8 22.2 66.6



#62
Isopropylbenzene
Concen: 0.186 ppbv
RT: 14.63 min Scan# 3683
Delta R.T.: -0.03 min
Lab File: VL039000.D
Acq: 9 May 2022 23:42

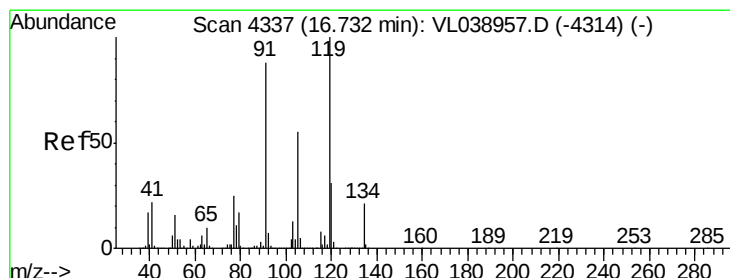
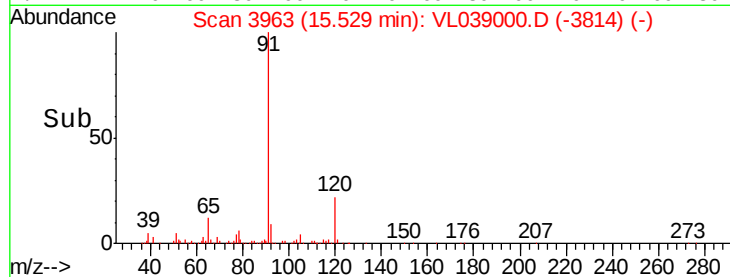
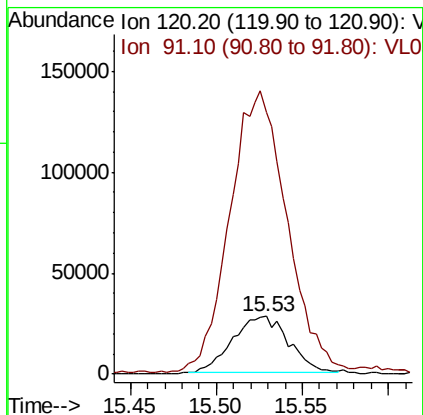
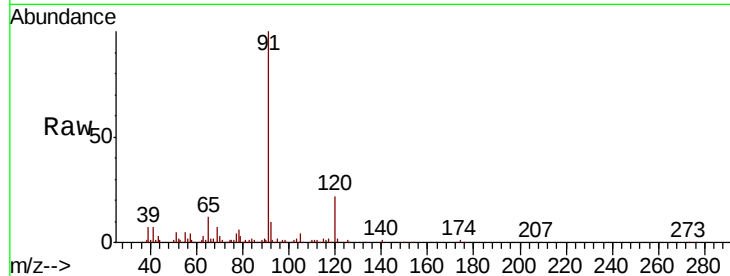
Tgt Ion: 105 Resp: 92751
Ion Ratio Lower Upper
105 100
120 26.9 20.5 30.7





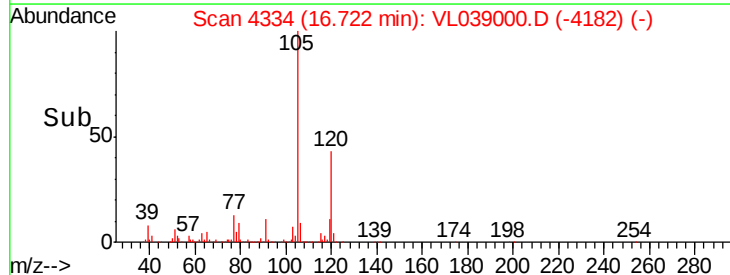
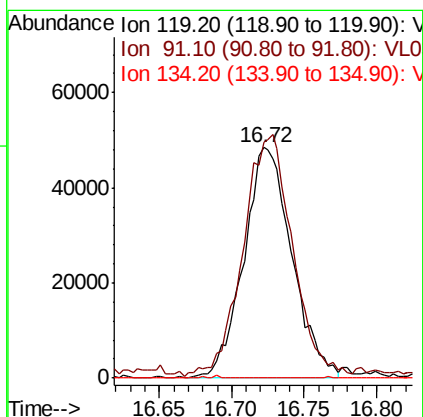
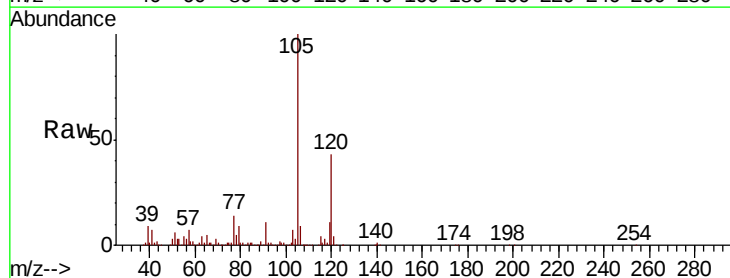
#64
n-propylbenzene
Concen: 0.527 ppbv
RT: 15.53 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId : SV2DL
Acq: 9 May 2022 23:42

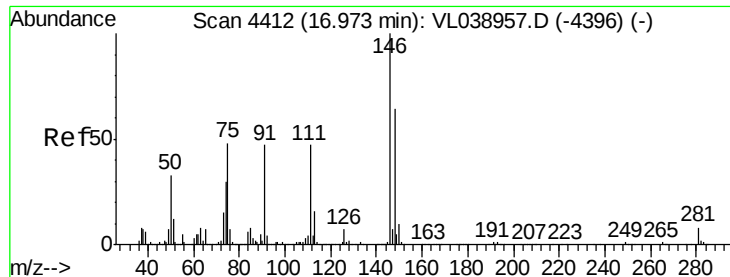
Tot Ion:120 Resp: 63491
Ion Ratio Lower Upper
120 100
91 517.0 400.6 601.0



#65
tert-Butylbenzene
Concen: 0.257 ppbv
RT: 16.72 min Scan# 4334
Delta R.T. -0.01 min
Lab File: VL039000.D
Acq: 9 May 2022 23:42

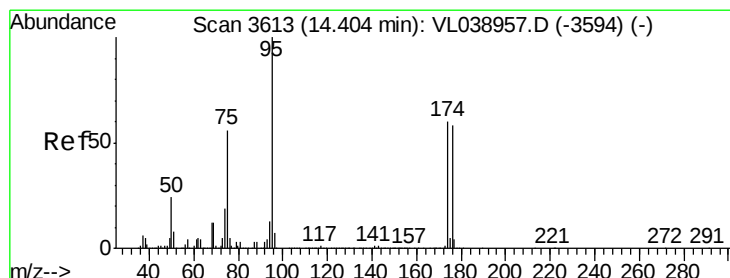
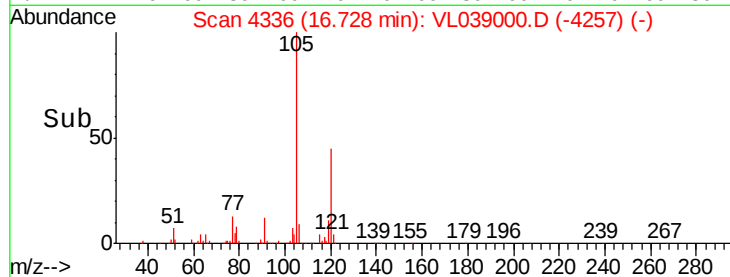
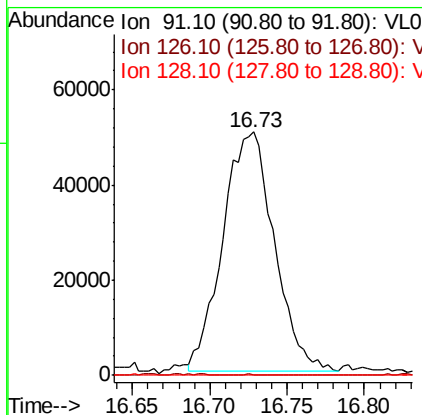
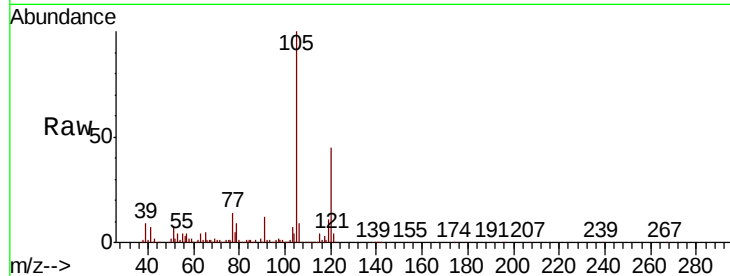
Tgt Ion:119 Resp: 112383
Ion Ratio Lower Upper
119 100
91 108.9 69.4 104.2#
134 0.2 15.8 23.8#





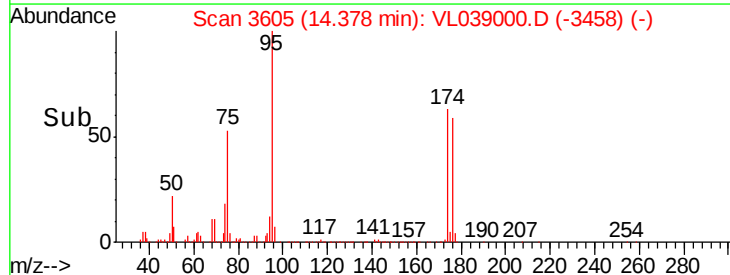
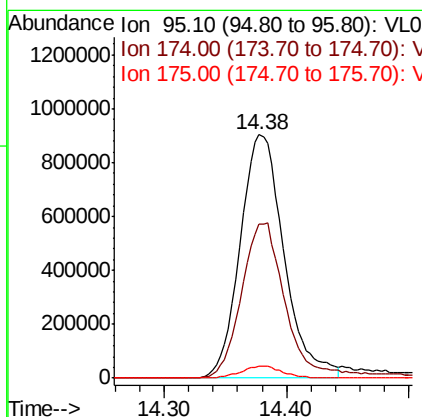
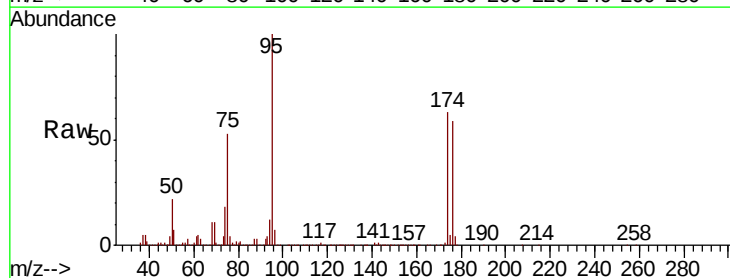
#66
Benzvl Chloride
Concen: 2.030 ppbv
RT: 16.73
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 9 May 2022 23:42

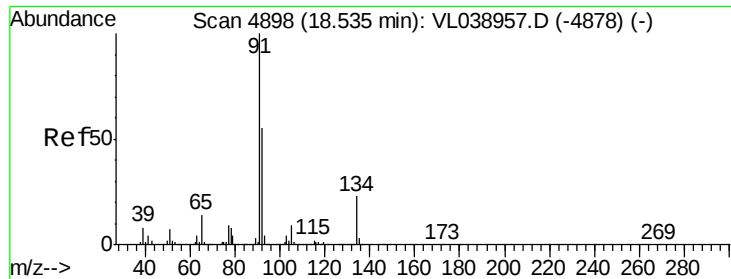
Tot Ion: 91 Resp: 115918
Ion Ratio Lower Upper
91 100
126 1.3 11.8 17.6#
128 0.0 4.2 6.2#



#68
1-Bromo-4-Fluorobenzene
Concen: 9.611 ppbv
RT: 14.38 min Scan# 3605
Delta R.T. -0.03 min
Lab File: VL039000.D
Acq: 9 May 2022 23:42

Tgt Ion: 95 Resp: 2244696
Ion Ratio Lower Upper
95 100
174 66.6 50.8 76.2
175 4.8 3.8 5.6





#70

n-Butylbenzene

Concen: 0.069 ppbv

RT: 18.53

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 9 May 2022 23:42

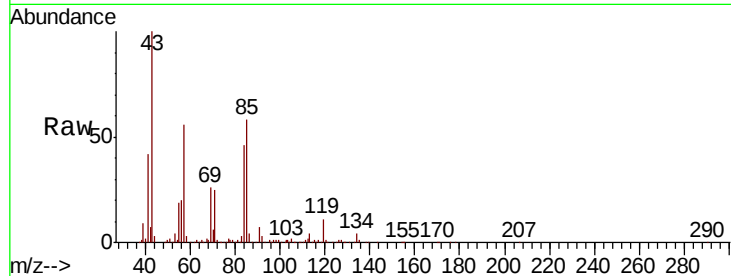
Tot Ion: 91 Resp: 36826

Ion Ratio Lower Upper

91 100

92 75.9 43.1 64.7#

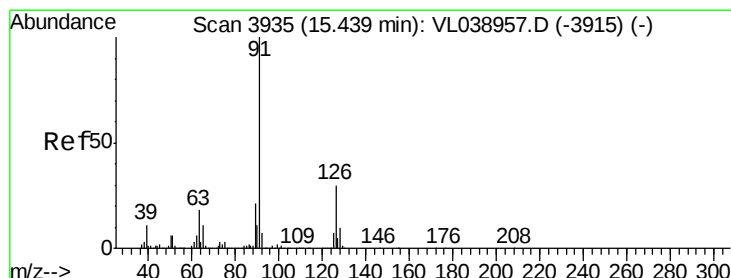
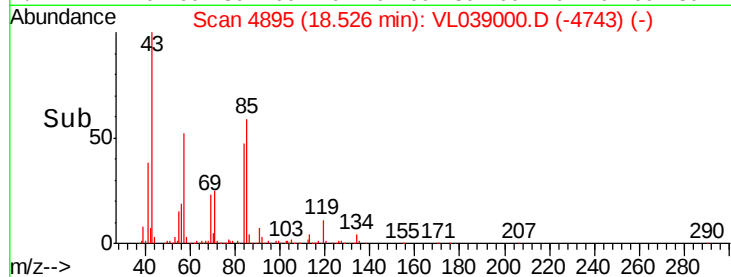
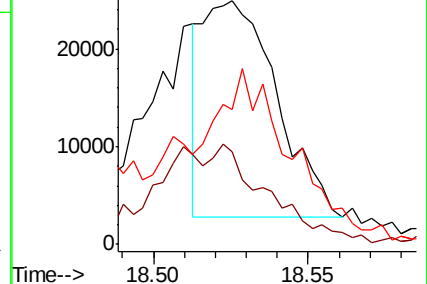
134 160.5 17.0 25.4#



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0

Ion 134.20 (133.90 to 134.90): V



#71

2-Chlorotoluene

Concen: 0.063 ppbv

RT: 15.80 min Scan# 4047

Delta R.T. 0.36 min

Lab File: VL039000.D

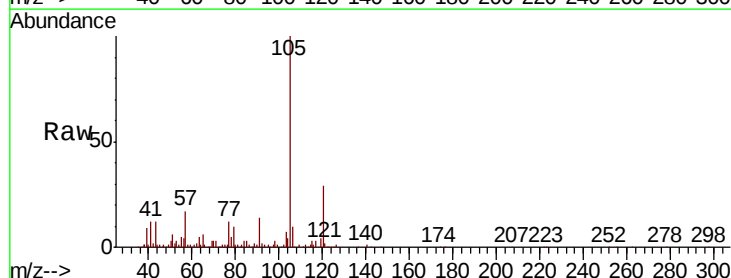
Acq: 9 May 2022 23:42

Tgt Ion: 91 Resp: 24105

Ion Ratio Lower Upper

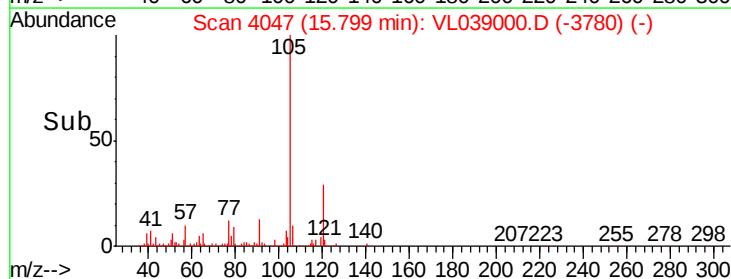
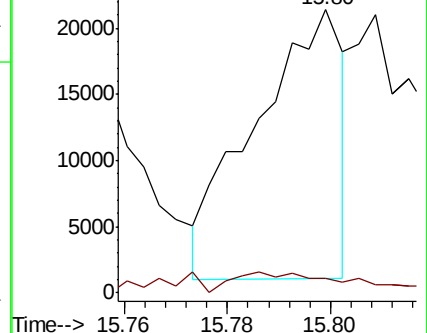
91 100

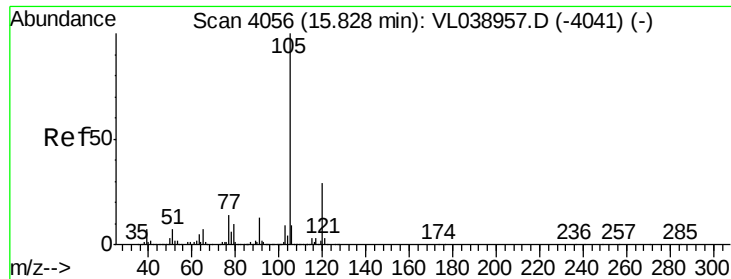
126 12.5 11.9 47.5



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V





#72

4-Ethyltoluene

Concen: 0.945 ppbv

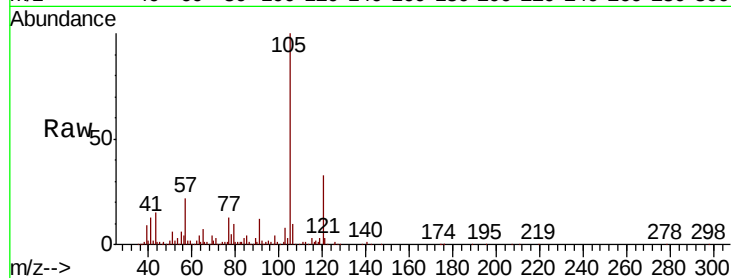
RT: 15.80

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 9 May 2022 23:42

Tot Ion:	105	Resp:	367277
Ion	Ratio	Lower	Upper
105	100		
120	29.6	23.4	35.0
91	13.1	10.6	16.0
77	12.1	12.5	18.7#



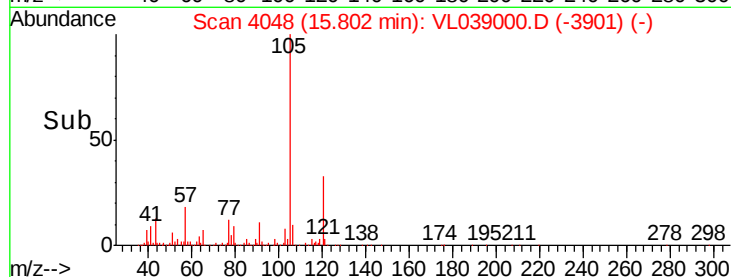
Abundance Ion 105.10 (104.80 to 105.80): V

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

Time-->



Abundance

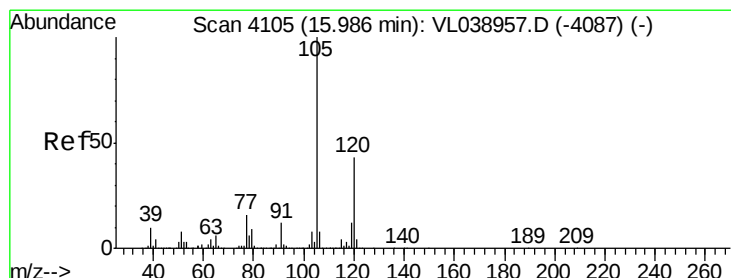
Ion 105.10 (104.80 to 105.80): V

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

Time-->



#73

1,3,5-Trimethylbenzene

Concen: 0.786 ppbv

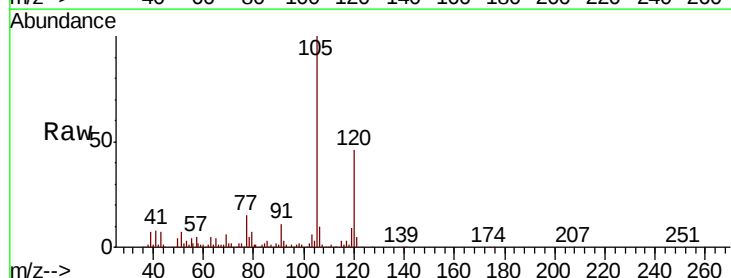
RT: 15.96 min Scan# 4098

Delta R.T. -0.02 min

Lab File: VL039000.D

Acq: 9 May 2022 23:42

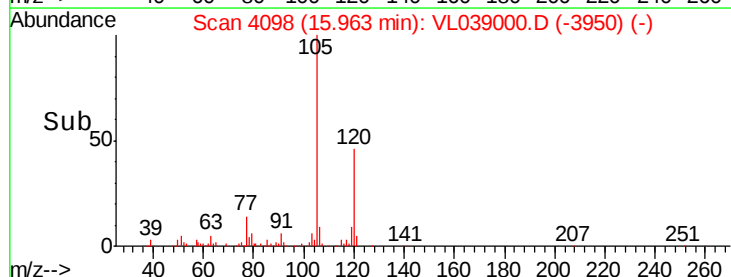
Tgt Ion:	105	Resp:	275029
Ion	Ratio	Lower	Upper
105	100		
120	45.1	34.4	51.6



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Time-->

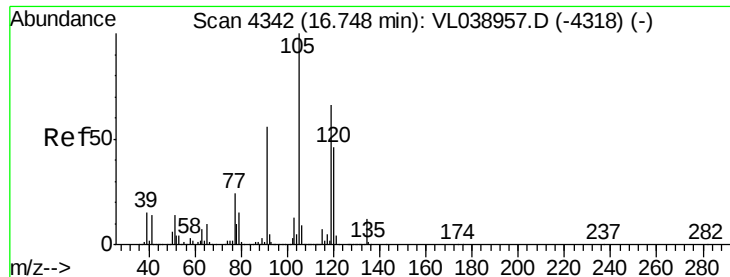


Abundance

Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Time-->



#74

1,2,4-Trimethylbenzene

Concen: 2.677 ppbv

RT: 16.72

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

SV2DL

Acq: 9 May 2022 23:42

Tot Ion:105 Resp: 1025187

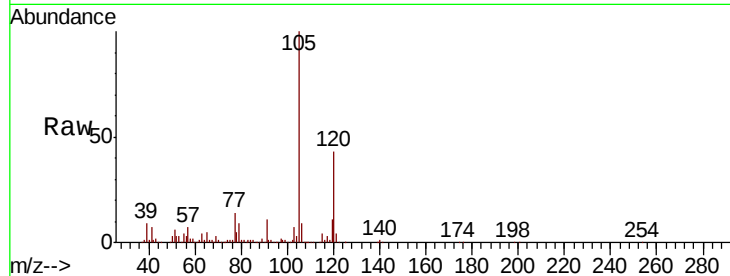
Ion Ratio Lower Upper

105 100

120 42.6 36.9 55.3

91 11.0 45.0 67.4#

77 13.3 19.2 28.8#

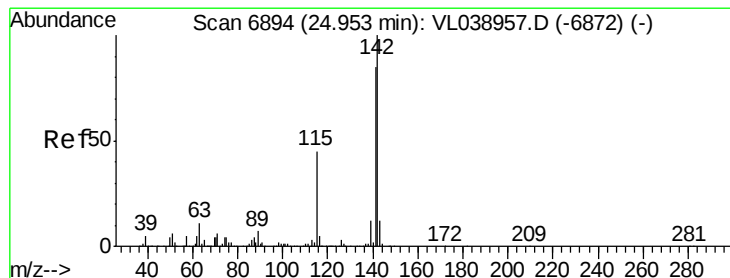
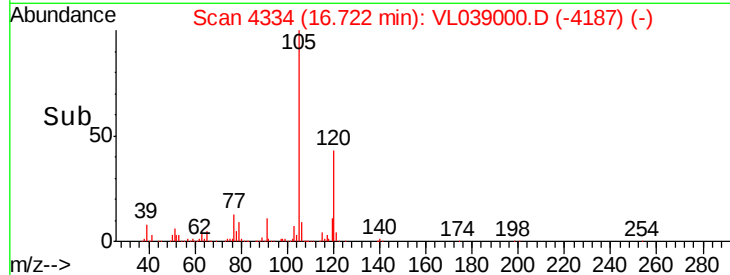
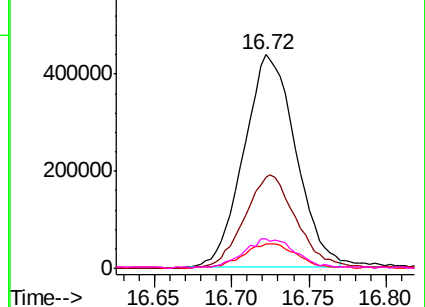


Abundance Ion 105.10 (104.80 to 105.80): V

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



#80

Naphthalene, 2-methyl-

Concen: 0.032 ppbv

RT: 24.94 min Scan# 6890

Delta R.T. -0.01 min

Lab File: VL039000.D

Acq: 9 May 2022 23:42

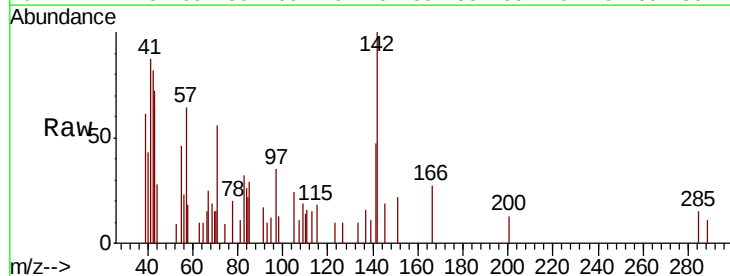
Tgt Ion:142 Resp: 2997

Ion Ratio Lower Upper

142 100

141 101.6 70.8 106.2

115 52.0 35.1 52.7



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 141.00 (140.70 to 141.70): V

Ion 115.00 (114.70 to 115.70): V

