

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081722\
 Data File : VL039551.D
 Acq On : 17 Aug 2022 16:57
 Operator : SY/AP
 Sample : N4125-02
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1

Quant Time: Aug 18 05:36:51 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081722AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 17 12:06:24 2022
 QLast Update : Wed Aug 17 12:06:24 2022
 Response via : Initial Calibration

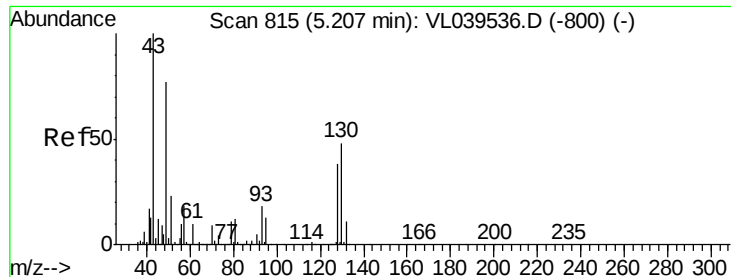
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.21	49	1078662	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	6.66	114	2740177	10.00	ppbv	0.00
55) Chlorobenzene-d5	11.47	117	2436989	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.78	95	1873592	10.21	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.10%

Target Compounds					Ovalue
2) Dichlorodifluoromethane	2.75	85	29654	0.205 ppbv	94
3) Chlorodifluoromethane	2.67	51	110170	0.852 ppbv #	76
4) Chloromethane	2.84	50	36970	0.478 ppbv	91
9) Propene	2.73	41	73777	1.253 ppbv #	74
10) Heptane	7.59	43	190997	1.396 ppbv	99
11) Trichlorofluoromethane	3.59	101	32094	0.202 ppbv	86
13) Ethanol	3.26	45	544391	128.438 ppbv	82
15) Acetone	3.49	43	2001775	16.426 ppbv	100
16) 1,3-Butadiene	2.99	39	9789	0.155 ppbv #	53
17) tert-Butyl alcohol	3.90	59	9030	0.087 ppbv #	1
19) Isopropyl Alcohol	3.60	45	223737	3.757 ppbv #	100
20) Methylene Chloride	3.95	84	1313195	26.466 ppbv	92
21) Allyl Chloride	3.95	41	53715	0.678 ppbv #	26
23) Vinyl Acetate	4.63	43	79366	1.295 ppbv #	72
25) Ethyl Acetate	5.22	43	1340752	5.160 ppbv	98
26) Hexane	5.23	57	616143	5.782 ppbv	90
27) Carbon Disulfide	4.14	76	12724	0.112 ppbv #	63
30) Cyclohexane	6.61	84	6540	0.074 ppbv #	100
31) cis-1,2-Dichloroethene	5.21	61	109185	1.060 ppbv #	24
34) 2-Butanone	4.81	43	302819	2.198 ppbv	98
35) Carbon Tetrachloride	6.51	117	6329	0.041 ppbv #	72
36) Benzene	6.38	78	38634	0.185 ppbv #	80
37) 1,2-Dichloroethane	5.82	62	6096	0.053 ppbv #	80
39) 1,2-Dichloropropane	6.66	63	660121	8.434 ppbv #	23
41) Tetrahydrofuran	5.60	42	3824	0.047 ppbv #	61
44) 2,2,4-Trimethylpentane	7.35	57	14521	0.041 ppbv #	1
50) 4-Methyl-2-Pentanone	8.20	43	51985	0.245 ppbv #	39
53) Toluene	9.23	91	826644	3.533 ppbv	99
58) Ethyl Benzene	12.10	91	107983	0.383 ppbv	91
59) m/p-Xylene	12.35	91	360184	1.420 ppbv #	100
60) o-Xylene	13.07	91	102587	0.422 ppbv	96
69) p-Isopropyltoluene	17.00	119	21026	0.054 ppbv #	42
72) 4-Ethyltoluene	15.20	105	8623	0.030 ppbv #	100
73) 1,3,5-Trimethylbenzene	15.36	105	10379	0.040 ppbv	98
74) 1,2,4-Trimethylbenzene	16.12	105	31849	0.109 ppbv #	64
79) Naphthalene	21.39	128	16146	0.078 ppbv #	93
80) Naphthalene,2-methyl-	24.38	142	5476	0.067 ppbv #	100

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.21 Instrument: MSVOA_1

Delta R.T. 0.00

Lab File: ClientSampleId: VL039536.D

Acq: 17 Aug 2022 16:57

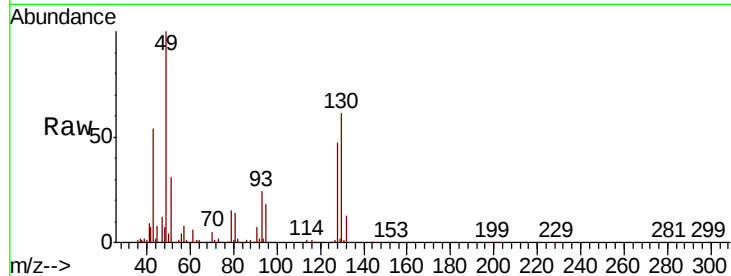
Tot Ion: 49 Resp: 1078662

Ion Ratio Lower Upper

49 100

128 48.1 25.7 77.0

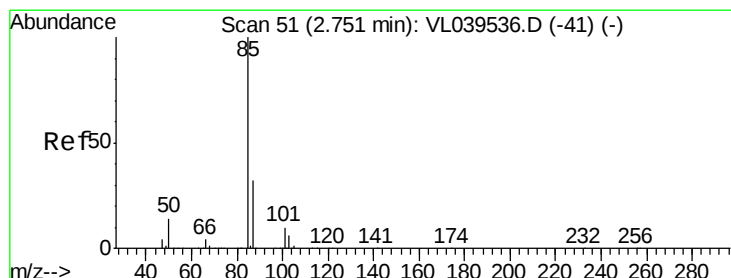
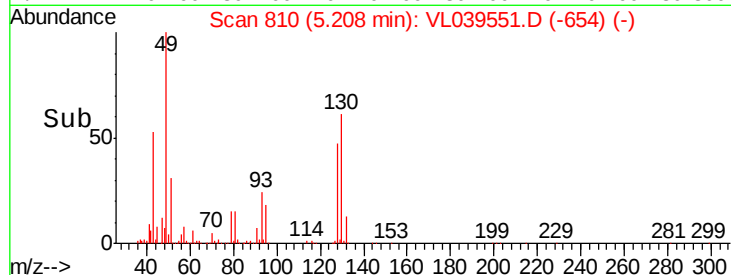
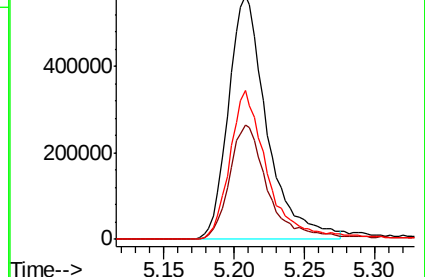
130 62.0 31.6 95.0



Abundance Ion 49.10 (48.80 to 49.80): VL039536.D (-800) (-)

Ion 128.00 (127.70 to 128.70): VL039536.D (-800) (-)

Ion 130.00 (129.70 to 130.70): VL039536.D (-800) (-)



#2

Dichlorodifluoromethane

Concen: 0.205 ppbv

RT: 2.75 min Scan# 47

Delta R.T. 0.00 min

Lab File: VL039551.D

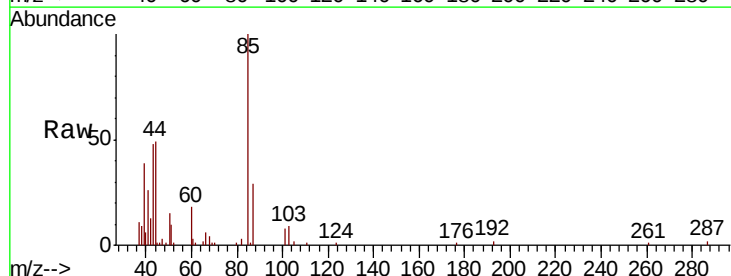
Acq: 17 Aug 2022 16:57

Tgt Ion: 85 Resp: 29654

Ion Ratio Lower Upper

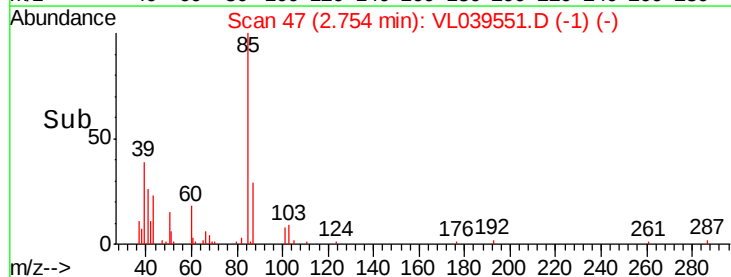
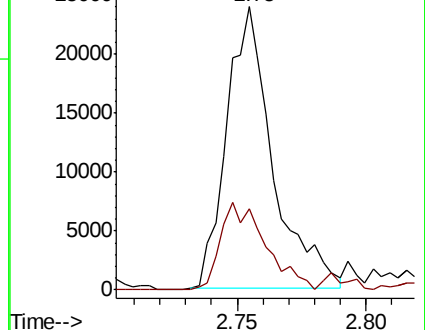
85 100

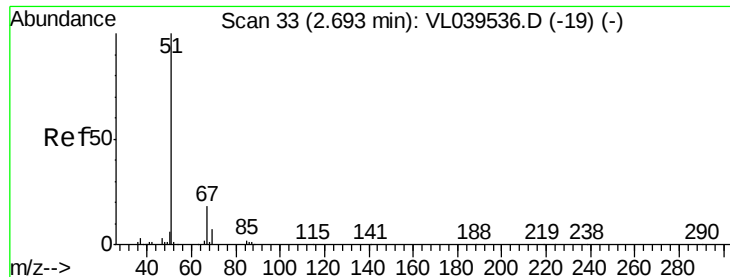
87 28.8 25.9 38.9



Abundance Ion 85.00 (84.70 to 85.70): VL039536.D (-41) (-)

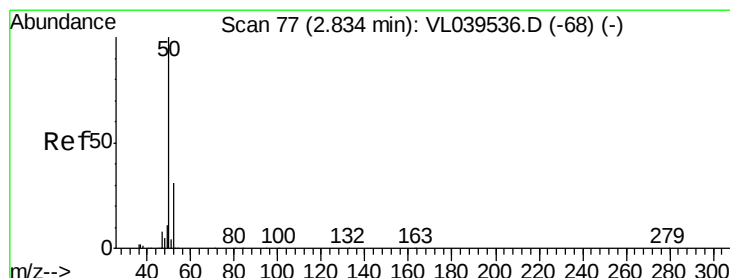
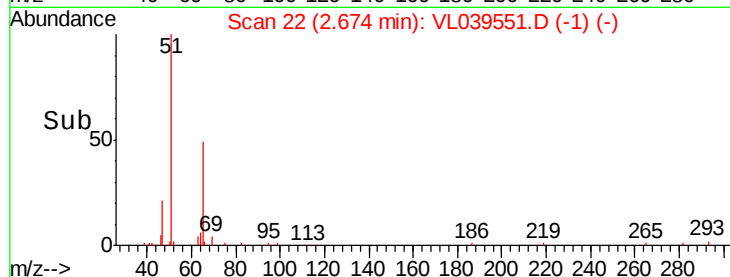
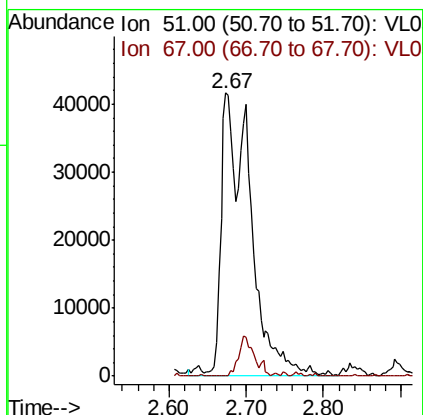
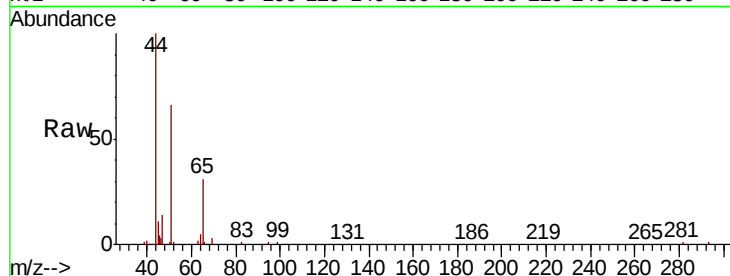
Ion 87.00 (86.70 to 87.70): VL039536.D (-41) (-)





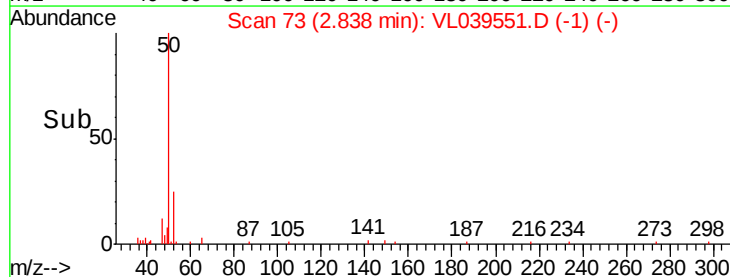
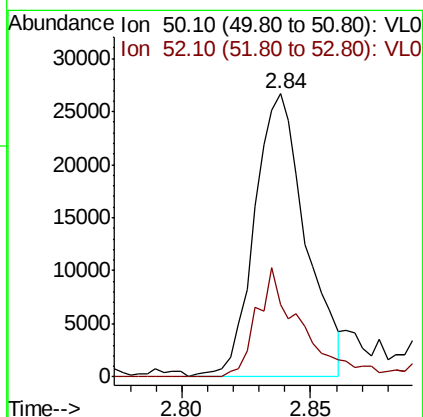
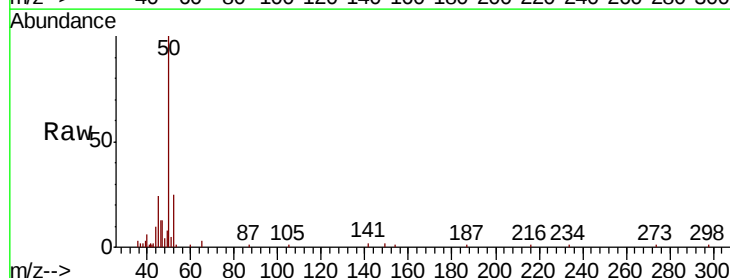
#3
Chlorodifluoromethane
Concen: 0.852 ppbv
RT: 2.67
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 17 Aug 2022 16:57

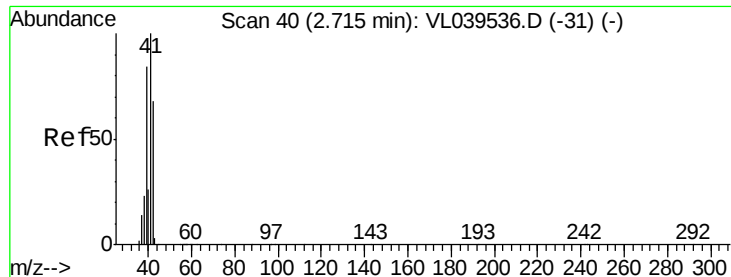
Tot Ion: 51 Resp: 110170
Ion Ratio Lower Upper
51 100
67 7.6 14.7 22.1#



#4
Chloromethane
Concen: 0.478 ppbv
RT: 2.84 min Scan# 73
Delta R.T. 0.00 min
Lab File: VL039551.D
Acq: 17 Aug 2022 16:57

Tgt Ion: 50 Resp: 36970
Ion Ratio Lower Upper
50 100
52 25.5 24.3 36.5





#9

Propene

Concen: 1.253 ppbv

RT: 2.73 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

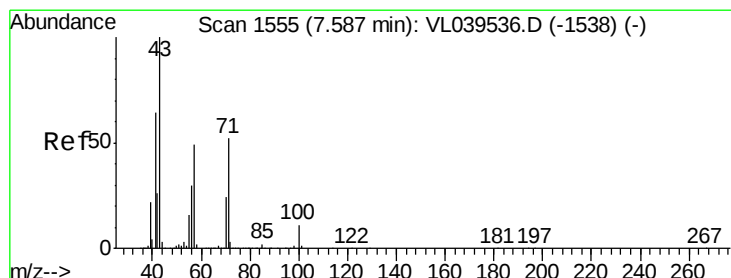
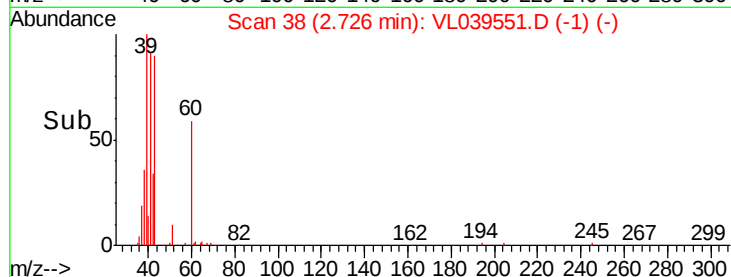
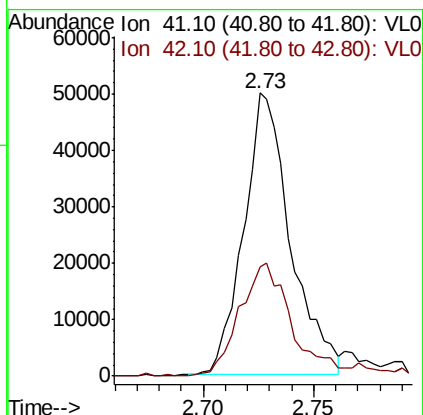
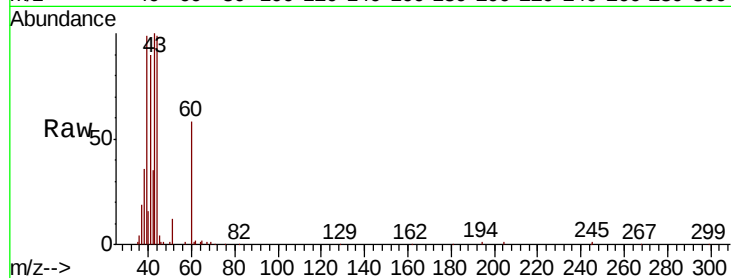
Acq: 17 Aug 2022 16:57

Tot Ion: 41 Resp: 73777

Ion Ratio Lower Upper

41 100

42 48.2 55.4 83.0#



#10

Heptane

Concen: 1.396 ppbv

RT: 7.59 min Scan# 1550

Delta R.T. 0.00 min

Lab File: VL039551.D

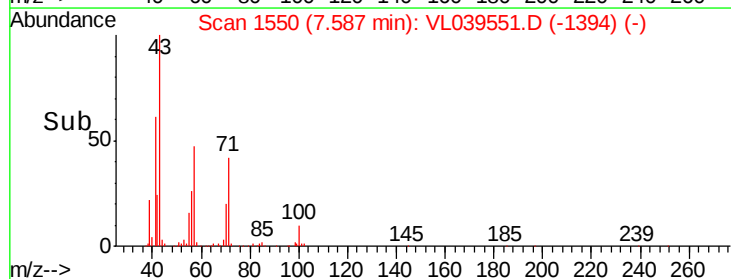
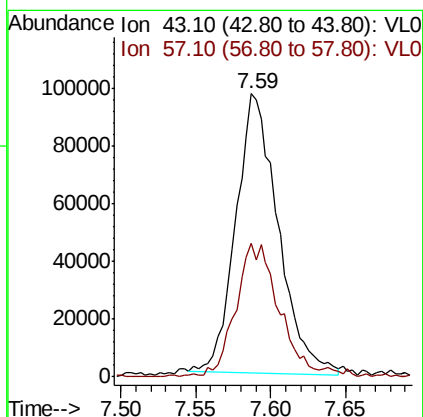
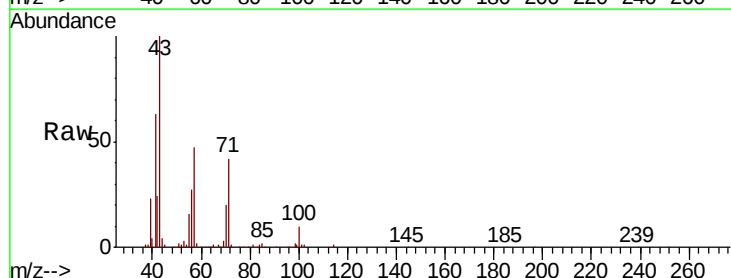
Acq: 17 Aug 2022 16:57

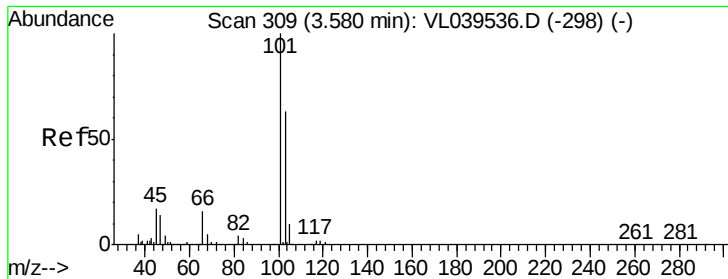
Tgt Ion: 43 Resp: 190997

Ion Ratio Lower Upper

43 100

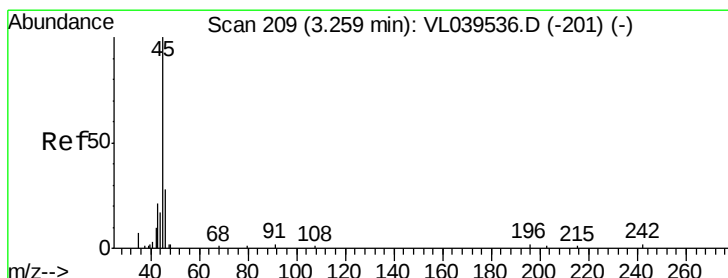
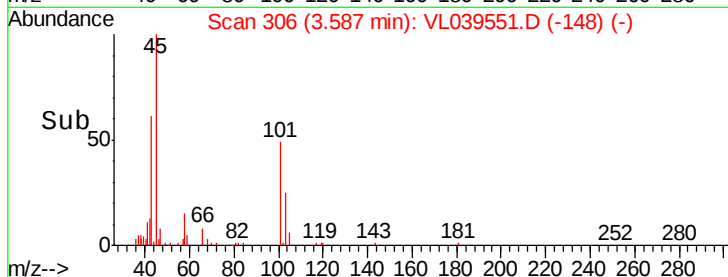
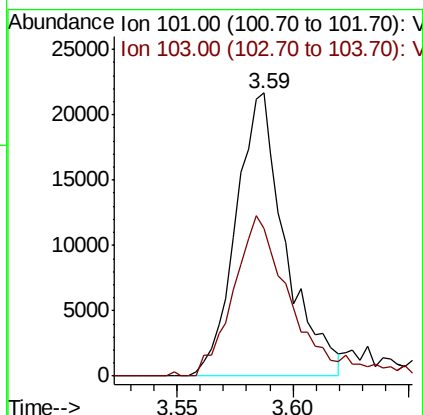
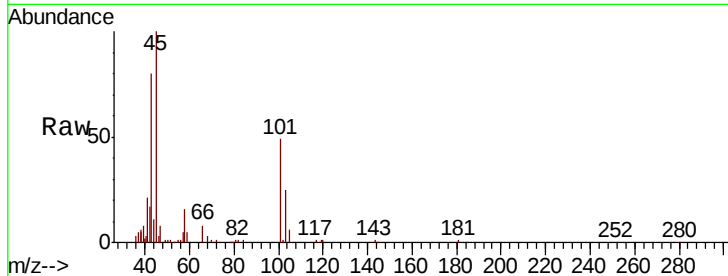
57 50.4 39.8 59.6





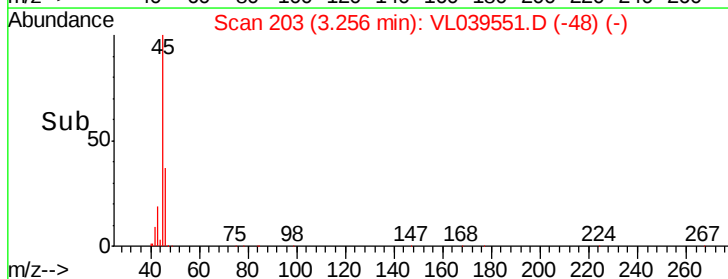
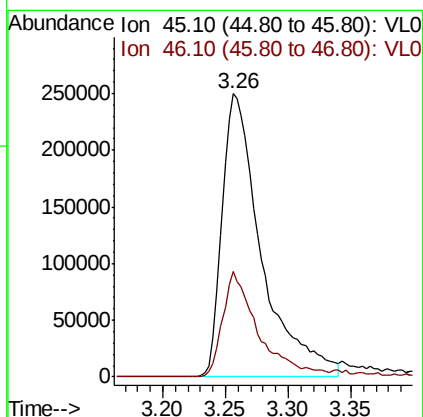
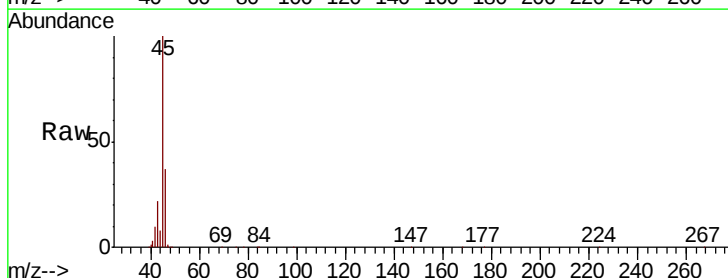
#11
 Trichlorofluoromethane
 Concen: 0.202 ppbv
 RT: 3.59
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 17 Aug 2022 16:57

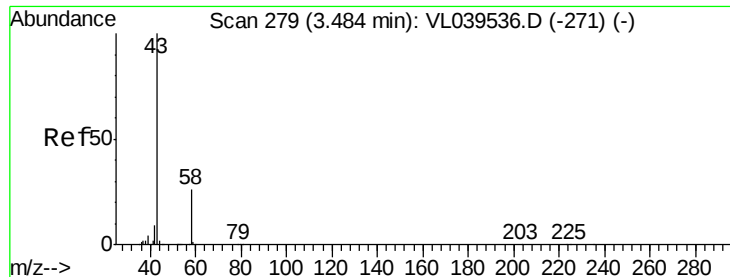
Tot Ion: 101 Resp: 32094
 Ion Ratio Lower Upper
 101 100
 103 52.1 50.6 76.0



#13
 Ethanol
 Concen: 128.438 ppbv
 RT: 3.26 min Scan# 203
 Delta R.T. -0.00 min
 Lab File: VL039551.D
 Acq: 17 Aug 2022 16:57

Tgt Ion: 45 Resp: 544391
 Ion Ratio Lower Upper
 45 100
 46 36.2 19.3 77.1





#15

Acetone

Concen: 16.426 ppbv

RT: 3.49

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

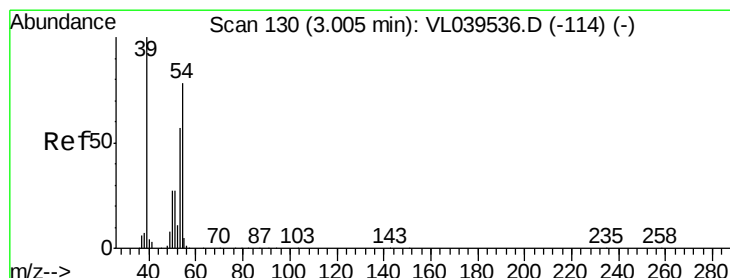
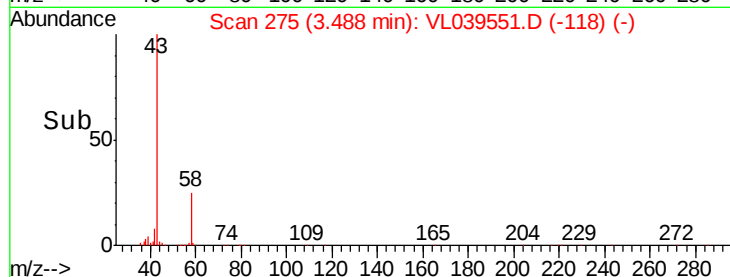
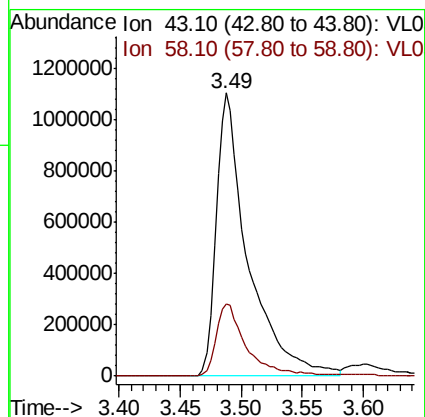
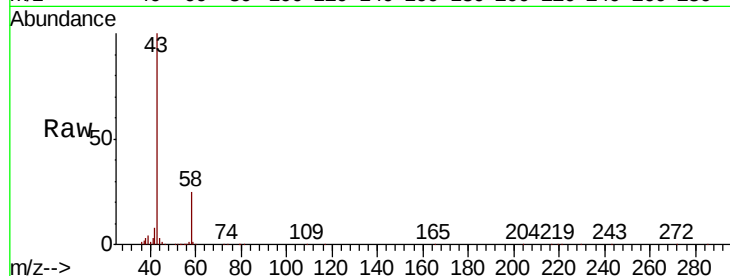
Acq: 17 Aug 2022 16:57

Tot Ion: 43 Resp: 2001775

Ion Ratio Lower Upper

43 100

58 25.9 20.7 31.1



#16

1,3-Butadiene

Concen: 0.155 ppbv

RT: 2.99 min Scan# 121

Delta R.T. -0.01 min

Lab File: VL039551.D

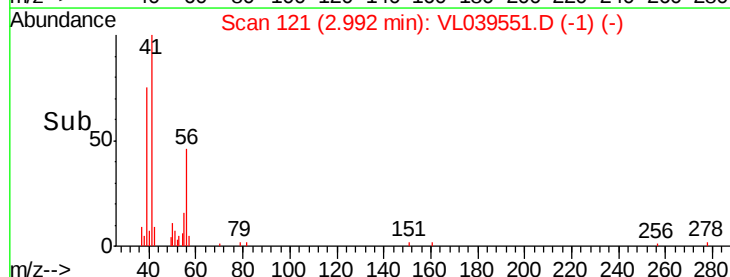
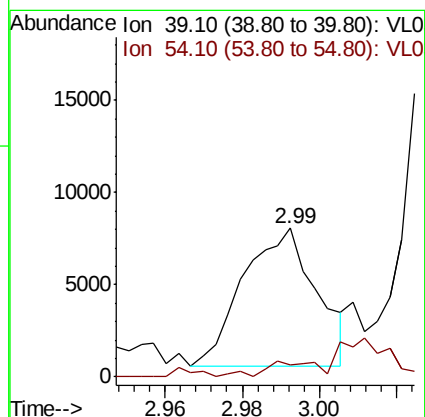
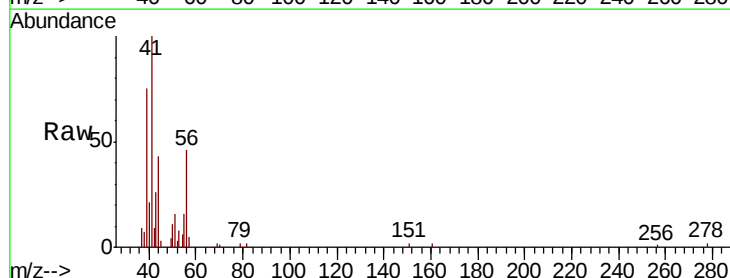
Acq: 17 Aug 2022 16:57

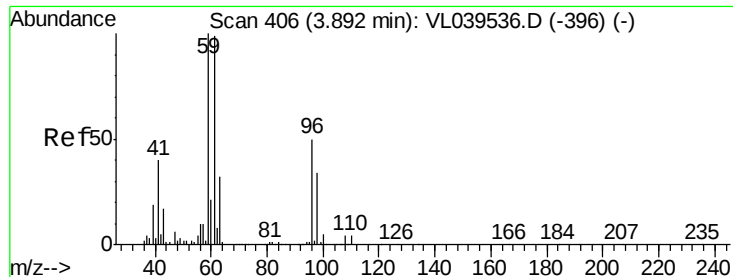
Tgt Ion: 39 Resp: 9789

Ion Ratio Lower Upper

39 100

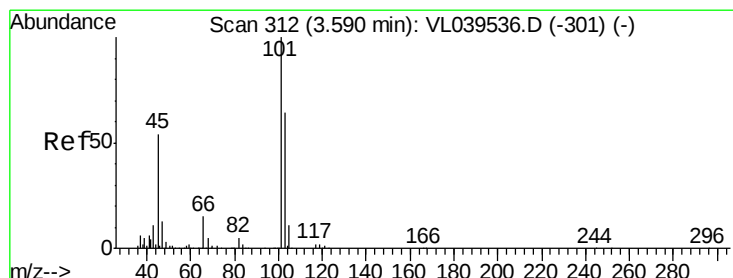
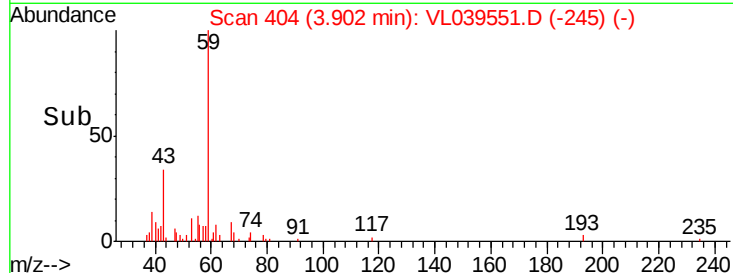
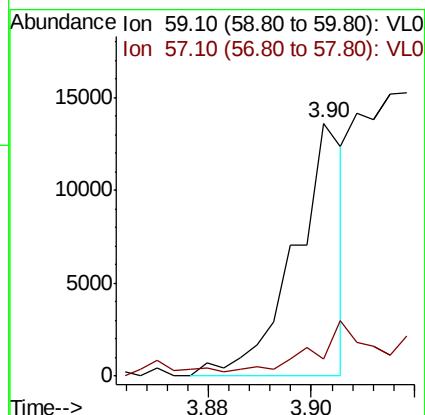
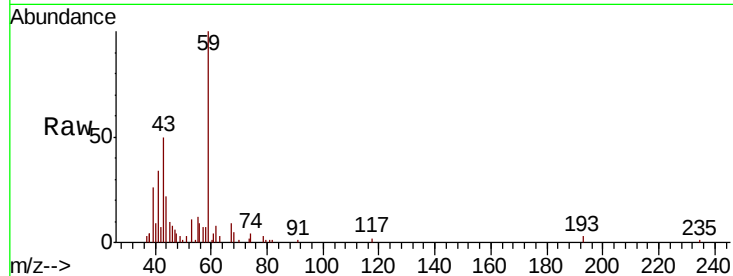
54 36.3 61.8 92.8#





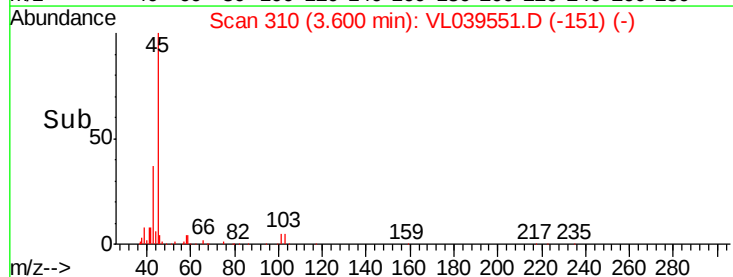
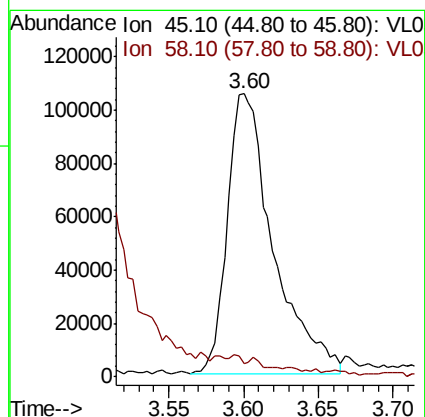
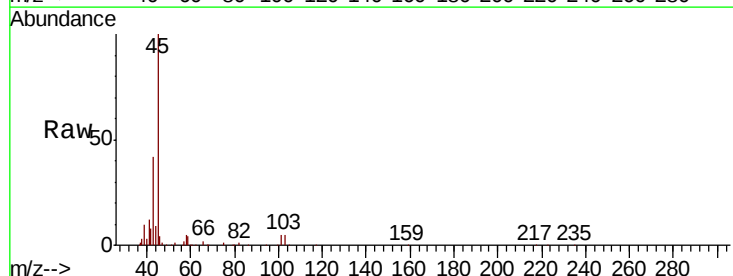
#17
tert-Butyl alcohol
Concen: 0.087 ppbv
RT: 3.90 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 17 Aug 2022 16:57

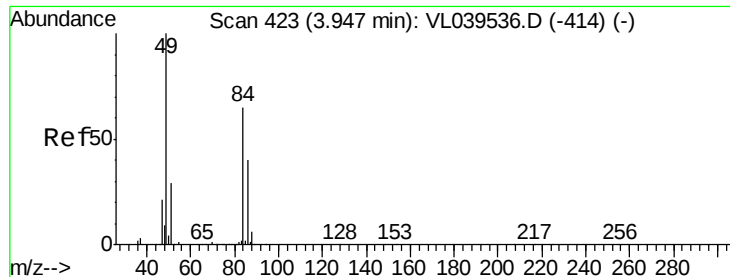
Tot Ion: 59 Resp: 9030
Ion Ratio Lower Upper
59 100
57 51.8 8.6 12.8#



#19
Isopropyl Alcohol
Concen: 3.757 ppbv
RT: 3.60 min Scan# 310
Delta R.T. 0.01 min
Lab File: VL039551.D
Acq: 17 Aug 2022 16:57

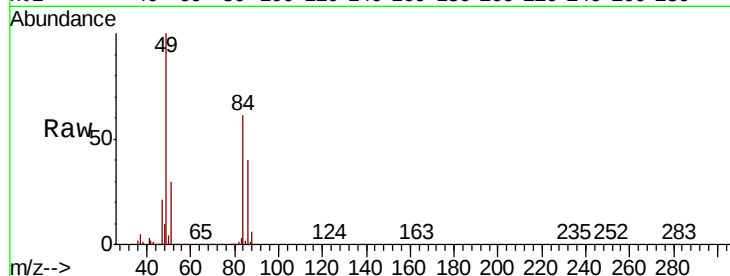
Tgt Ion: 45 Resp: 223737
Ion Ratio Lower Upper
45 100
58 231.7 0.0 0.0#





#20
Methylene Chloride
Concen: 26.466 ppbv
RT: 3.95 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 17 Aug 2022 16:57

Tot Ion:	84	Resp:	1313195
Ion	Ratio	Lower	Upper
84	100		
49	164.6	122.2	183.4
51	49.2	35.8	53.6
86	65.4	48.4	72.6



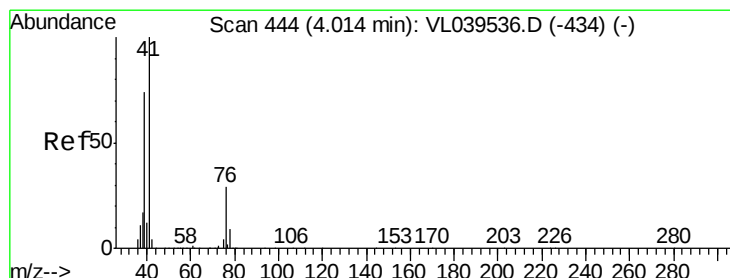
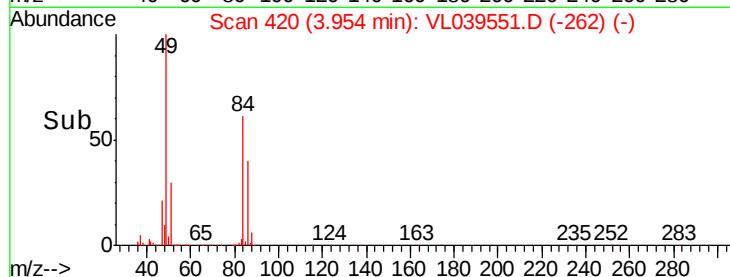
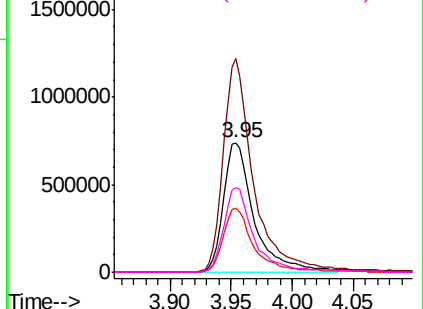
Abundance

Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

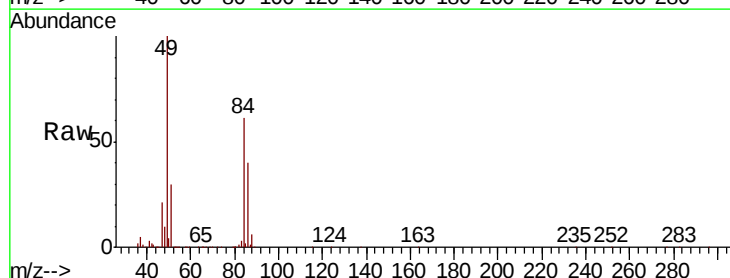
Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0



#21
Allyl Chloride
Concen: 0.678 ppbv
RT: 3.95 min Scan# 420
Delta R.T. -0.06 min
Lab File: VL039551.D
Acq: 17 Aug 2022 16:57

Tgt Ion:	41	Resp:	53715
Ion	Ratio	Lower	Upper
41	100		
76	0.0	23.1	34.7#
39	8.1	63.4	95.2#

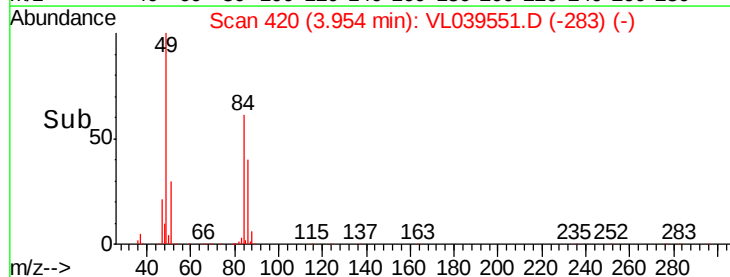
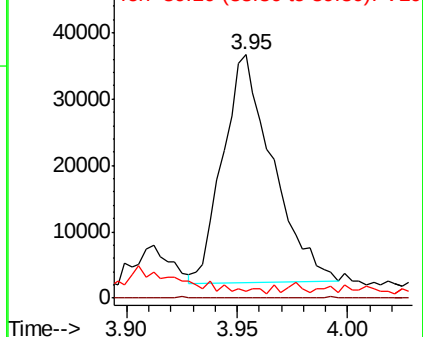


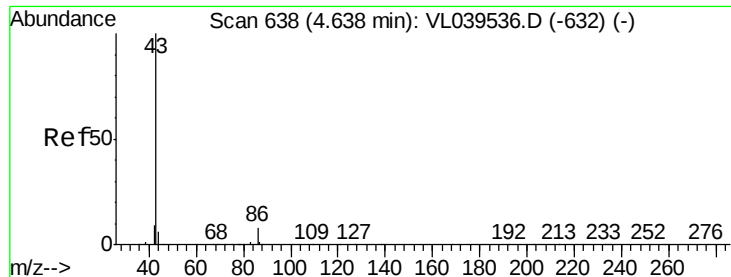
Abundance

Ion 41.10 (40.80 to 41.80): VL0

Ion 76.10 (75.80 to 76.80): VL0

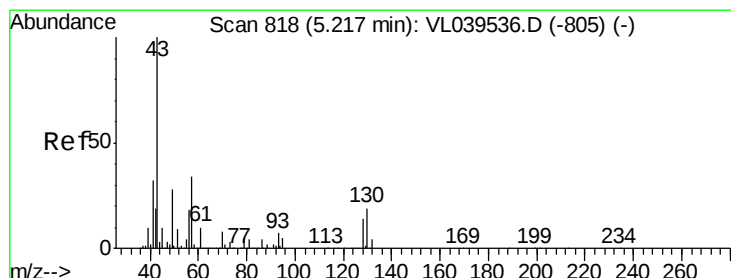
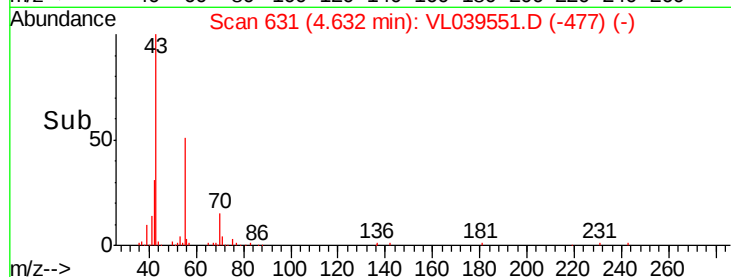
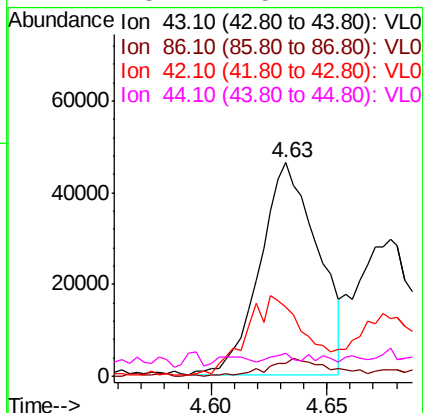
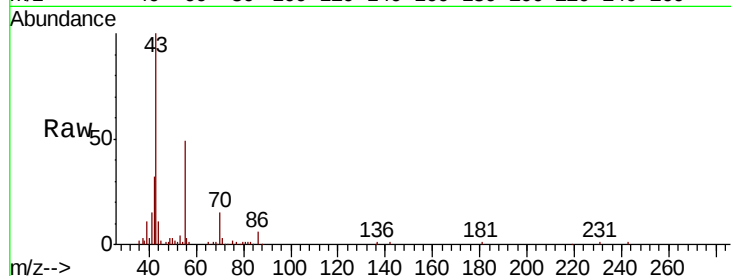
Ion 39.10 (38.80 to 39.80): VL0





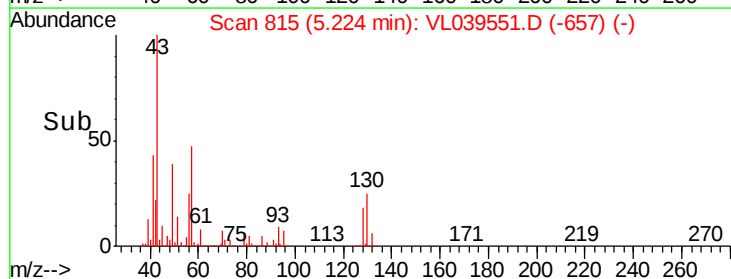
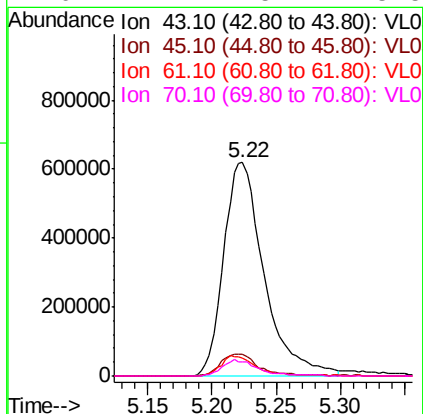
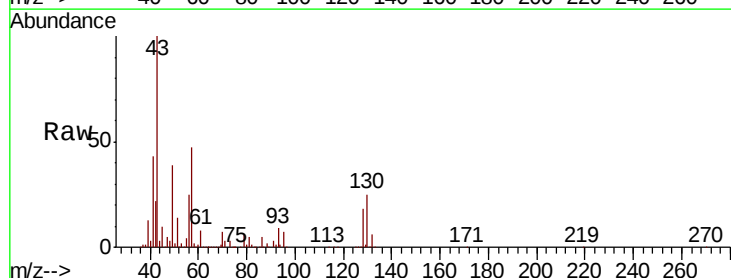
#23
 Vinyl Acetate
 Concen: 1.295 ppbv
 RT: 4.63
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 17 Aug 2022 16:57

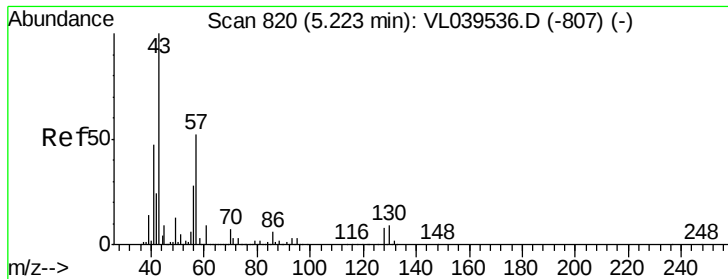
Tot Ion:	43	Resp:	79366
Ion	Ratio	Lower	Upper
43	100		
86	5.1	5.3	7.9#
42	31.5	8.7	13.1#
44	3.7	5.1	7.7#



#25
 Ethyl Acetate
 Concen: 5.160 ppbv
 RT: 5.22 min Scan# 815
 Delta R.T. 0.01 min
 Lab File: VL039551.D
 Acq: 17 Aug 2022 16:57

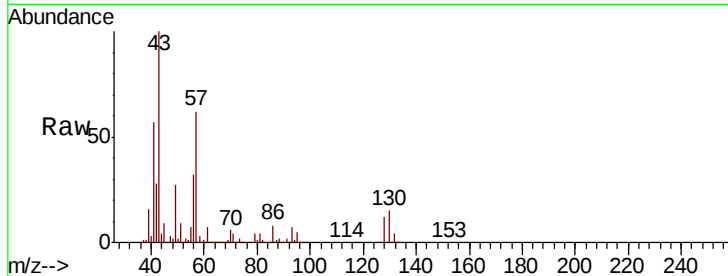
Tgt Ion:	43	Resp:	1340752
Ion	Ratio	Lower	Upper
43	100		
45	10.3	8.2	12.4
61	9.0	8.6	12.8
70	7.1	5.7	8.5



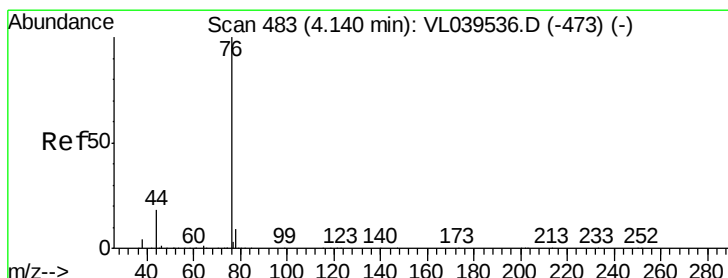
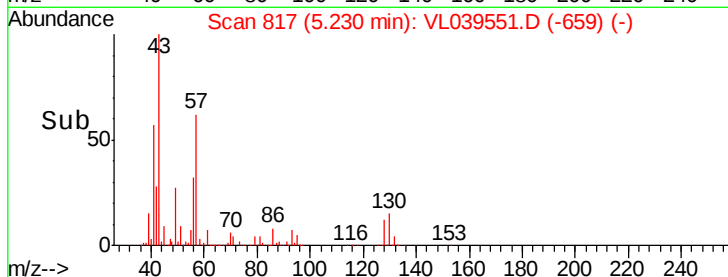
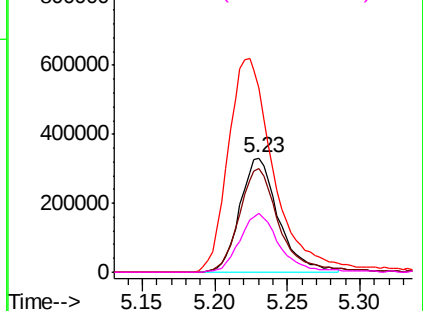


#26
Hexane
Concen: 5.782 ppbv
RT: 5.23
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 17 Aug 2022 16:57

Tot Ion:	57	Resp:	616143
Ion	Ratio	Lower	Upper
57	100		
41	95.6	79.4	119.2
43	226.1	199.7	299.5
56	53.7	44.0	66.0

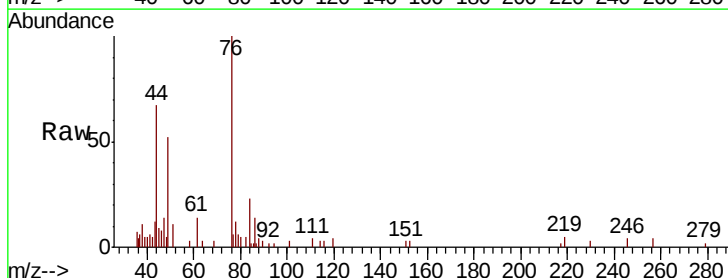


Abundance Ion 57.10 (56.80 to 57.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 43.10 (42.80 to 43.80): VL0
Ion 56.10 (55.80 to 56.80): VL0

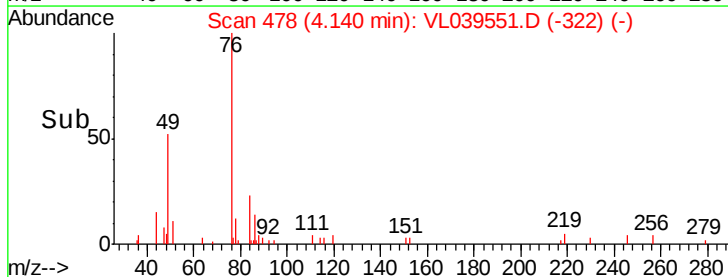
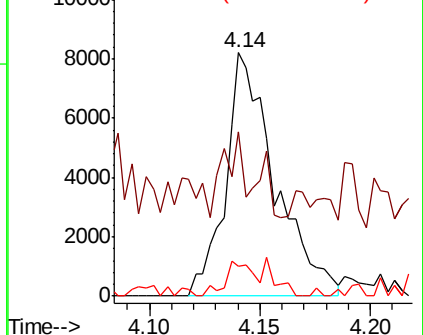


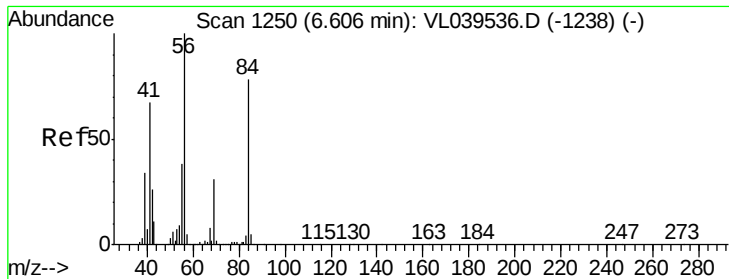
#27
Carbon Disulfide
Concen: 0.112 ppbv
RT: 4.14 min Scan# 478
Delta R.T. 0.00 min
Lab File: VL039551.D
Acq: 17 Aug 2022 16:57

Tgt Ion:	76	Resp:	12724
Ion	Ratio	Lower	Upper
76	100		
44	44.5	16.3	24.5#
78	12.2	7.8	11.6#



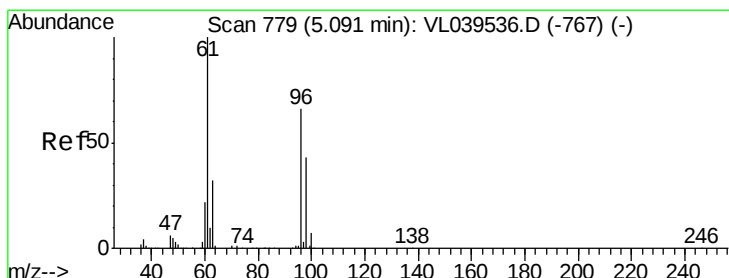
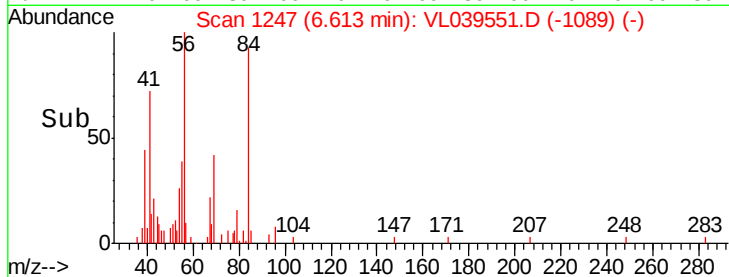
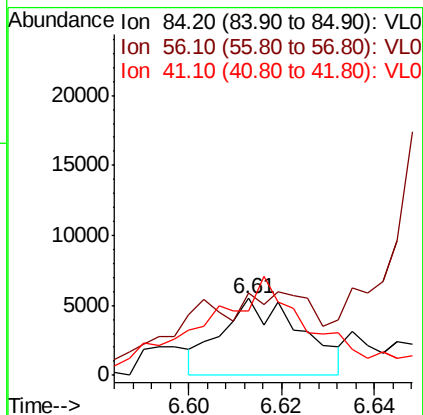
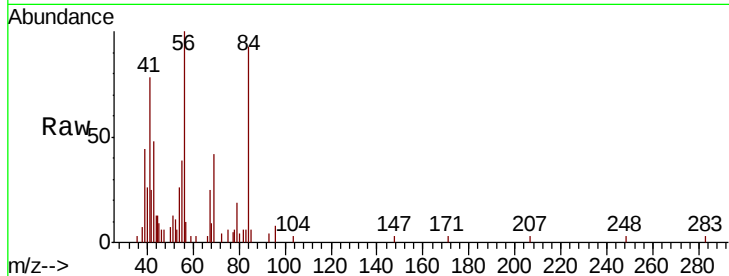
Abundance Ion 76.00 (75.70 to 76.70): VL0
Ion 44.10 (43.80 to 44.80): VL0
Ion 78.00 (77.70 to 78.70): VL0





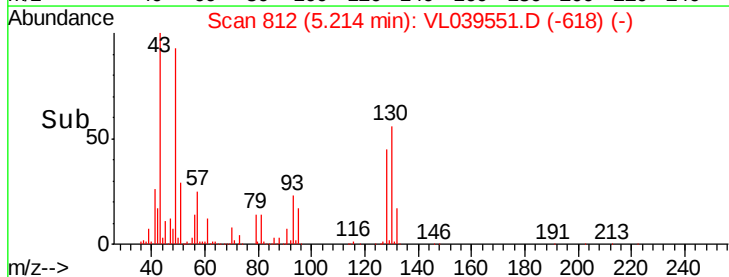
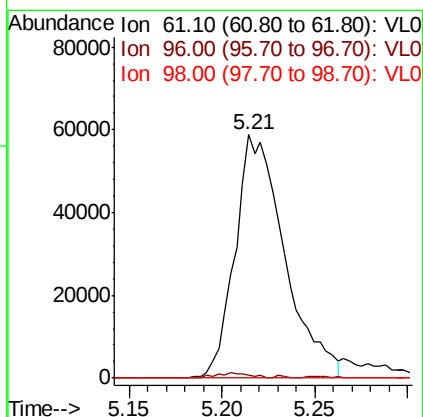
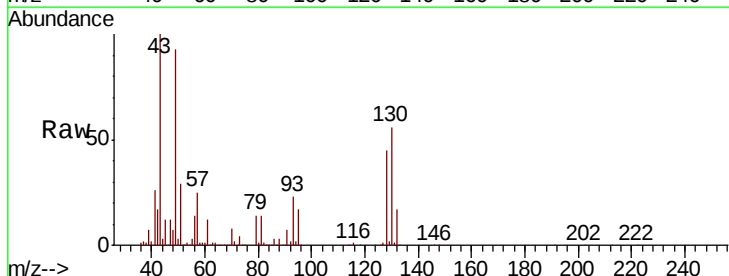
#30
Cvclohexane
Concen: 0.074 ppbv
RT: 6.61
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 17 Aug 2022 16:57

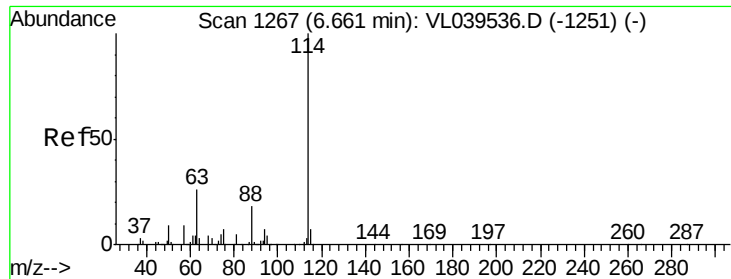
Tot Ion	84	Resp	6540
Ion	Ratio	Lower	Upper
84	100		
56	0.0	0.0	0.0
41	210.4	0.0	0.0#



#31
cis-1,2-Dichloroethene
Concen: 1.060 ppbv
RT: 5.21 min Scan# 812
Delta R.T. 0.12 min
Lab File: VL039551.D
Acq: 17 Aug 2022 16:57

Tgt Ion	61	Resp	109185
Ion	Ratio	Lower	Upper
61	100		
96	0.8	52.9	79.3#
98	0.0	34.5	51.7#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.66 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 17 Aug 2022 16:57

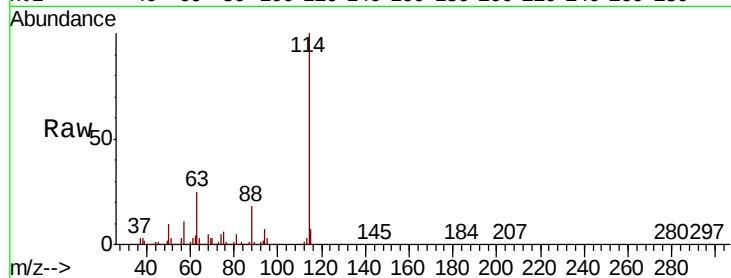
Tot Ion:114 Resp: 2740177

Ion Ratio Lower Upper

114 100

63 24.9 20.6 31.0

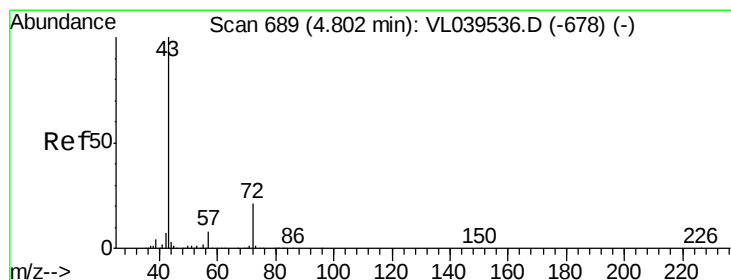
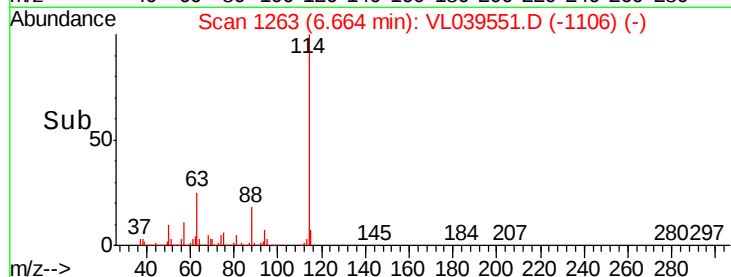
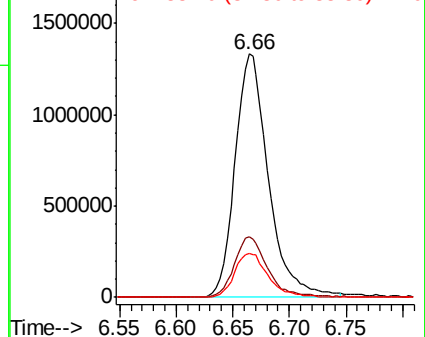
88 18.5 14.6 22.0



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: 2.198 ppbv

RT: 4.81 min Scan# 685

Delta R.T. 0.00 min

Lab File: VL039551.D

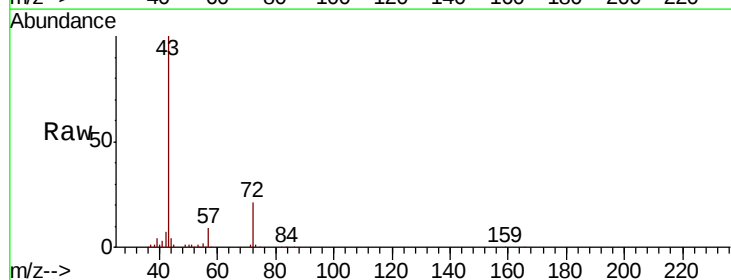
Acq: 17 Aug 2022 16:57

Tgt Ion: 43 Resp: 302819

Ion Ratio Lower Upper

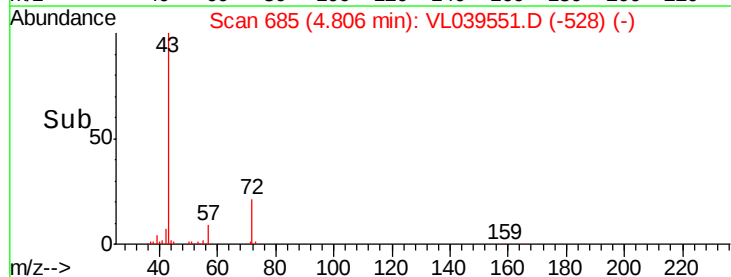
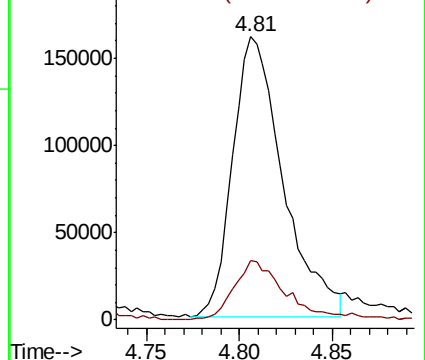
43 100

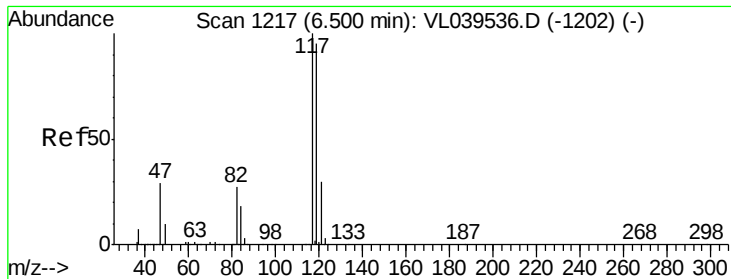
72 22.5 17.4 26.0



Abundance Ion 43.10 (42.80 to 43.80): VL0

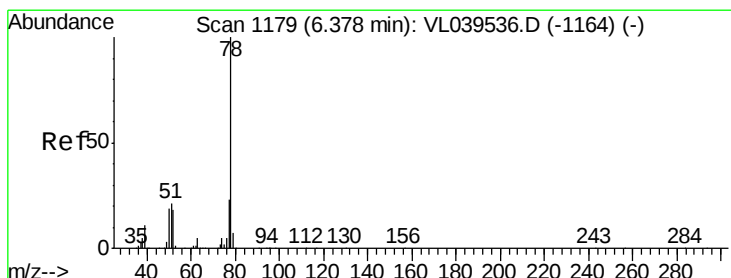
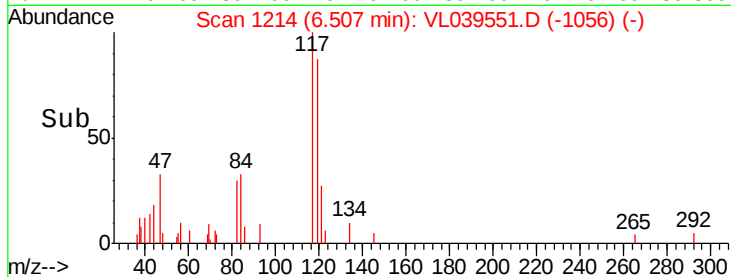
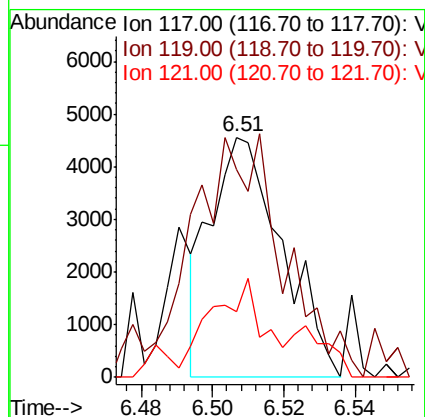
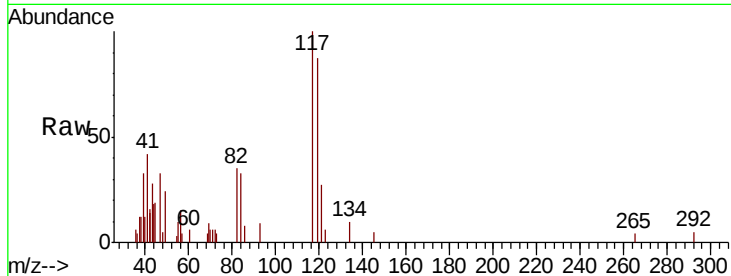
Ion 72.10 (71.80 to 72.80): VL0





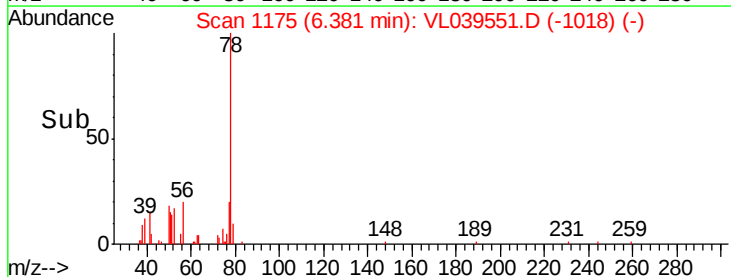
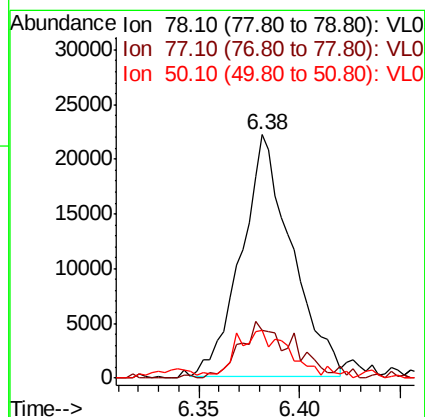
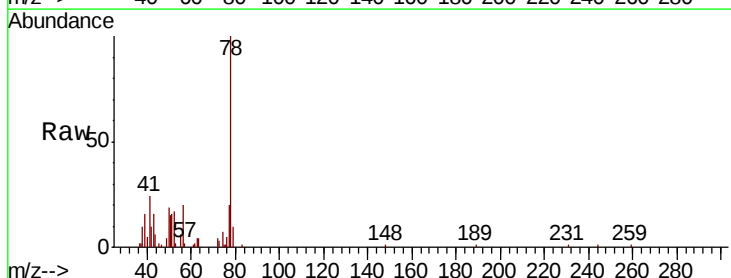
#35
 Carbon Tetrachloride
 Concen: 0.041 ppbv
 RT: 6.51
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 17 Aug 2022 16:57

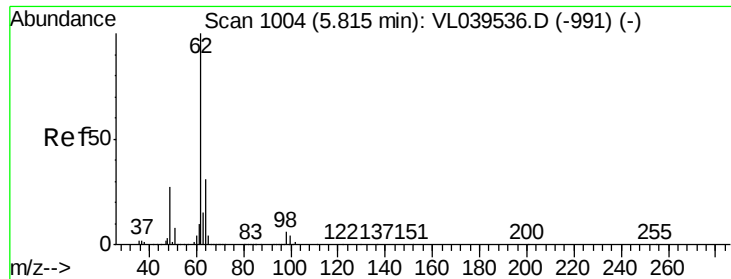
Tot Ion:117 Resp: 6329
 Ion Ratio Lower Upper
 117 100
 119 67.0 76.2 114.4#
 121 17.1 24.4 36.6#



#36
 Benzene
 Concen: 0.185 ppbv
 RT: 6.38 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: VL039551.D
 Acq: 17 Aug 2022 16:57

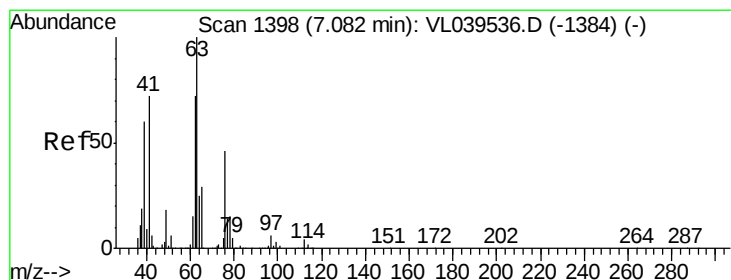
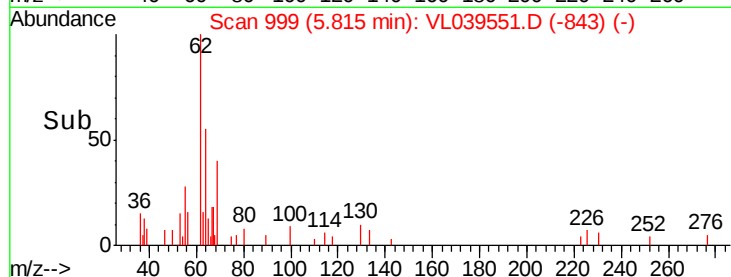
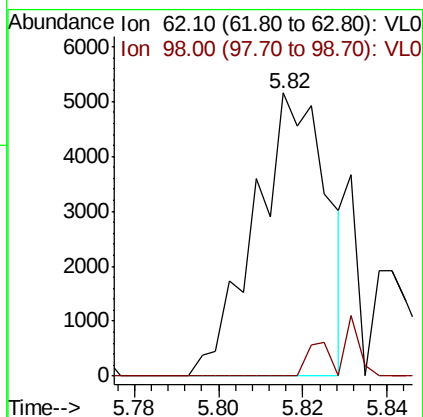
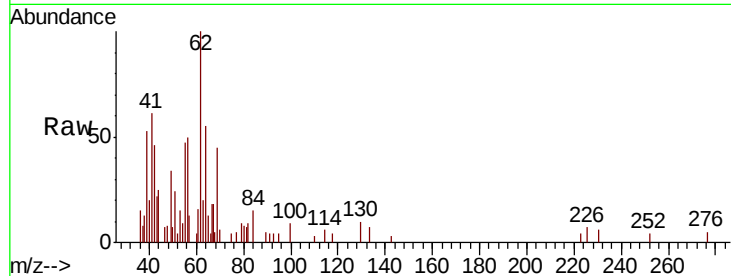
Tgt Ion: 78 Resp: 38634
 Ion Ratio Lower Upper
 78 100
 77 18.5 18.6 27.8#
 50 33.4 15.0 22.4#





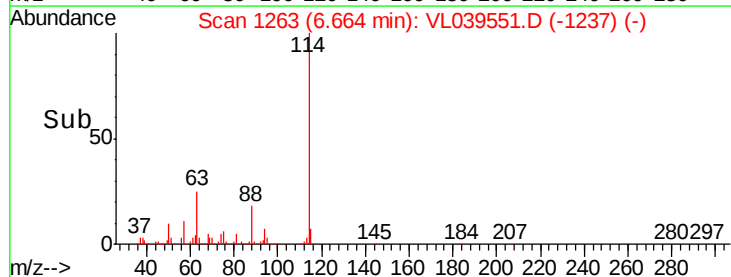
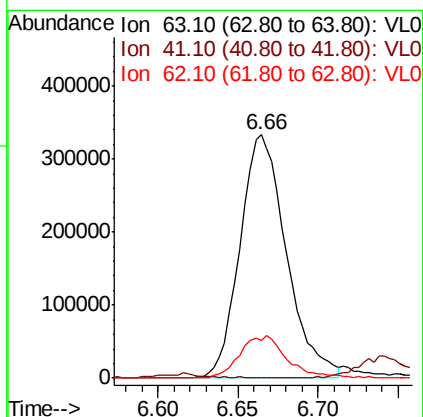
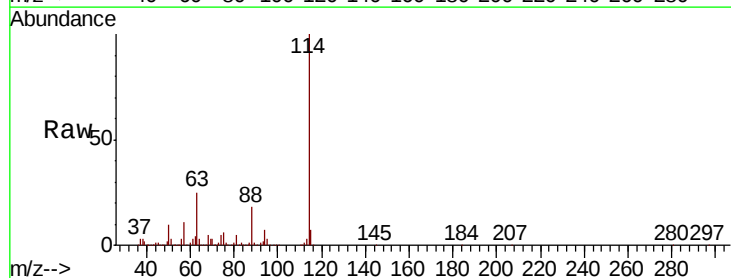
#37
 1,2-Dichloroethane
 Concen: 0.053 ppbv
 RT: 5.82
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 17 Aug 2022 16:57

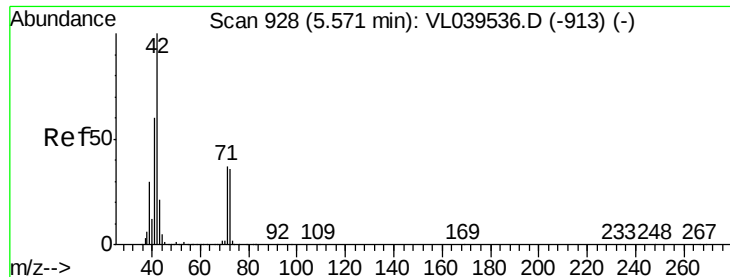
Tot Ion: 62 Resp: 6096
 Ion Ratio Lower Upper
 62 100
 98 0.0 5.4 8.2#



#39
 1,2-Dichloropropane
 Concen: 8.434 ppbv
 RT: 6.66 min Scan# 1263
 Delta R.T. -0.42 min
 Lab File: VL039551.D
 Acq: 17 Aug 2022 16:57

Tgt Ion: 63 Resp: 660121
 Ion Ratio Lower Upper
 63 100
 41 0.0 58.0 87.0#
 62 15.6 57.8 86.8#





#41

Tetrahydrofuran

Concen: 0.047 ppbv

RT: 5.60 Instrument: MSVOA_1

Delta R.T. 0.01

Lab File: ClientSampleId: A1

Acq: 17 Aug 2022 16:57

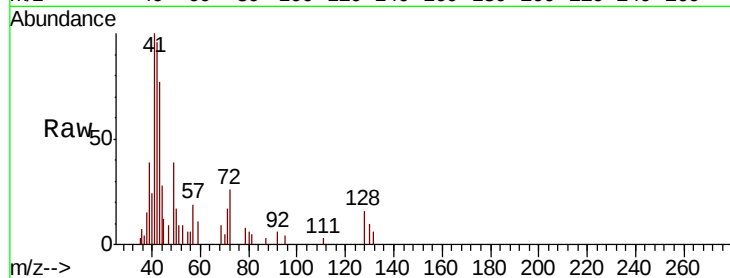
Tot Ion: 42 Resp: 3824

Ion Ratio Lower Upper

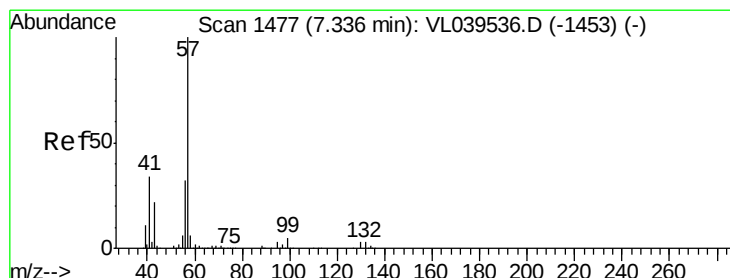
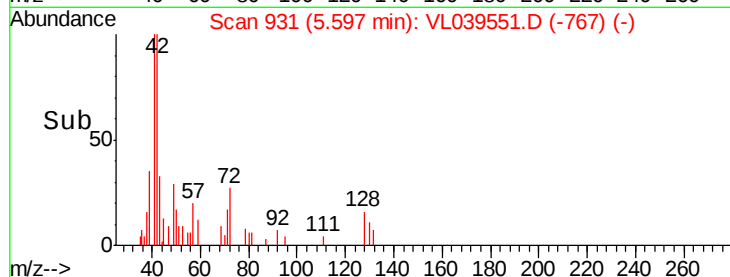
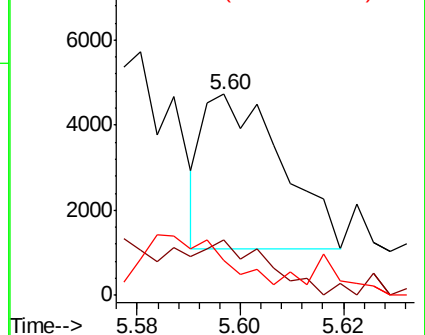
42 100

72 46.9 30.6 45.8#

71 0.0 30.7 46.1#



Abundance Ion 42.10 (41.80 to 42.80): VL0
Ion 72.10 (71.80 to 72.80): VL0
Ion 71.10 (70.80 to 71.80): VL0



#44

2,2,4-Trimethylpentane

Concen: 0.041 ppbv

RT: 7.35 min Scan# 1475

Delta R.T. 0.01 min

Lab File: VL039551.D

Acq: 17 Aug 2022 16:57

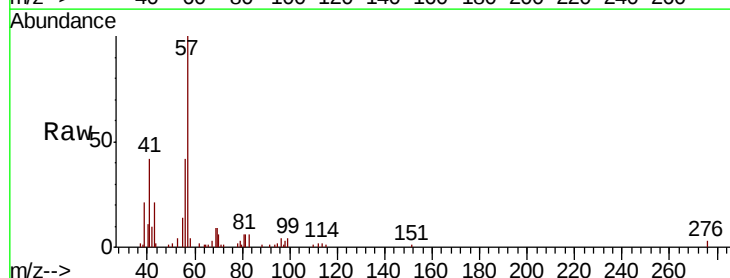
Tgt Ion: 57 Resp: 14521

Ion Ratio Lower Upper

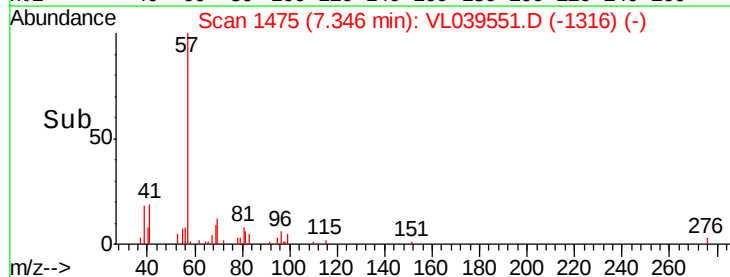
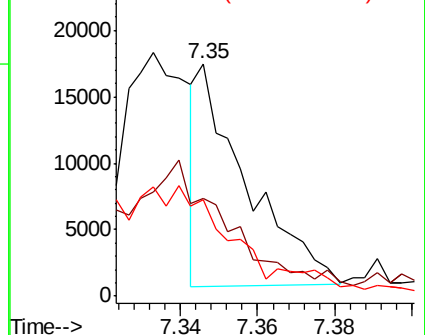
57 100

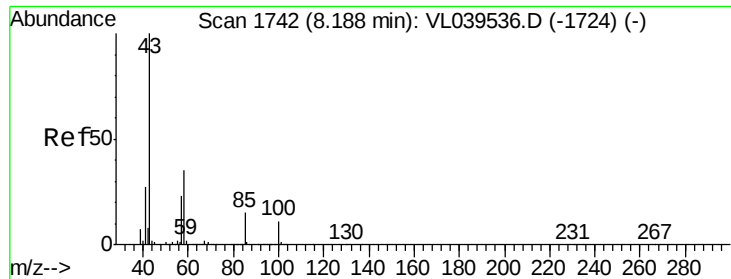
41 156.7 27.8 41.6#

56 142.2 25.5 38.3#



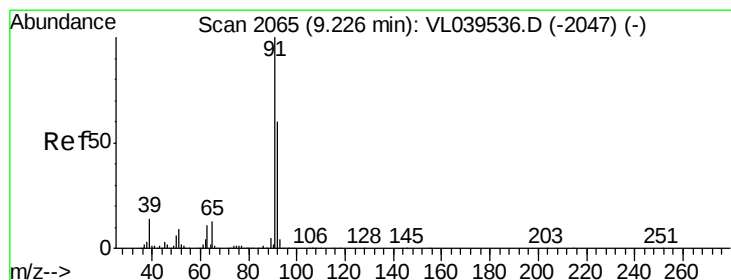
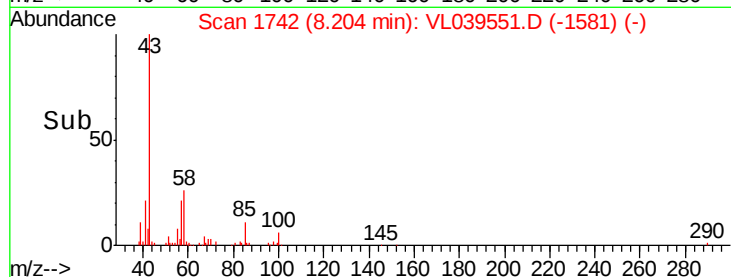
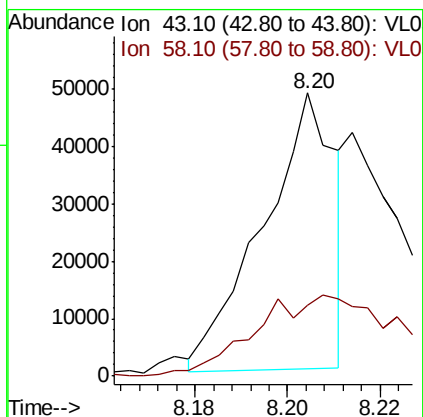
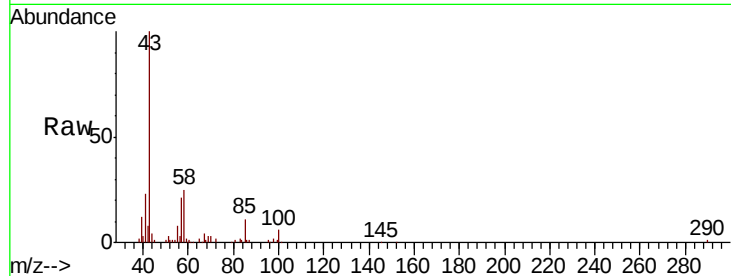
Abundance Ion 57.10 (56.80 to 57.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 56.10 (55.80 to 56.80): VL0





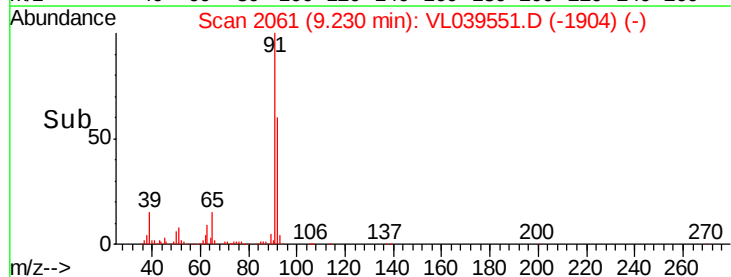
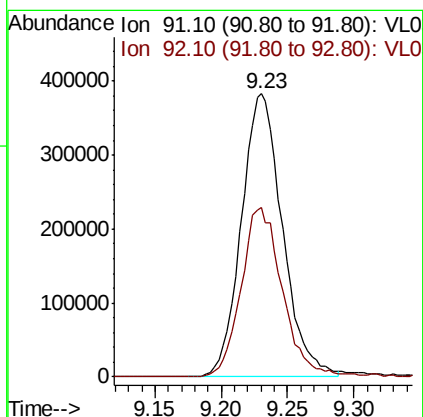
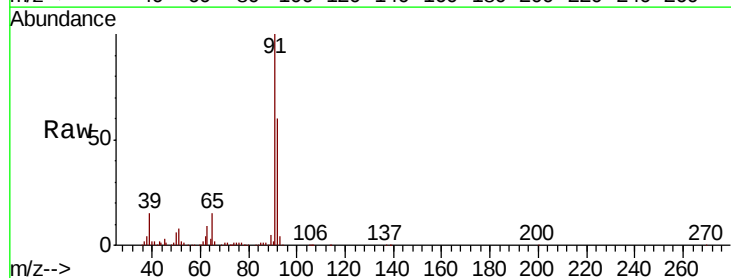
#50
 4-Methyl-2-pentanone
 Concen: 0.245 ppbv
 RT: 8.20
 Delta R.T. MSVOA_L
 Lab File: ClientSampled :
 Acq: 17 Aug 2022 16:57

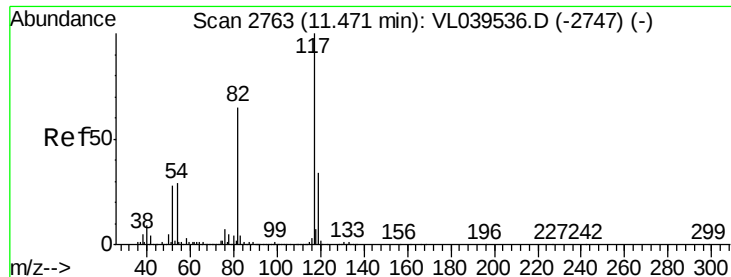
Tot Ion: 43 Resp: 51985
 Ion Ratio Lower Upper
 43 100
 58 70.1 28.0 42.0#



#53
 Toluene
 Concen: 3.533 ppbv
 RT: 9.23 min Scan# 2061
 Delta R.T. 0.00 min
 Lab File: VL039551.D
 Acq: 17 Aug 2022 16:57

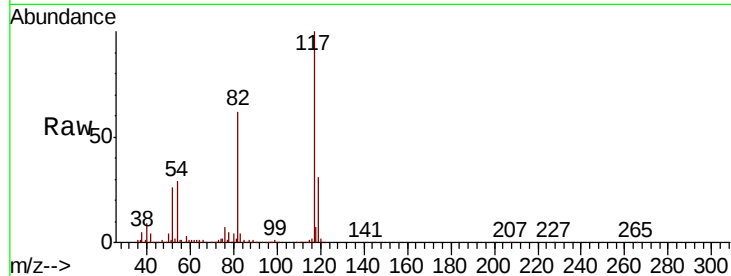
Tgt Ion: 91 Resp: 826644
 Ion Ratio Lower Upper
 91 100
 92 60.5 47.9 71.9



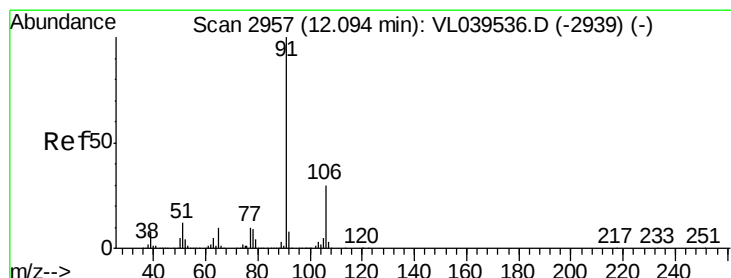
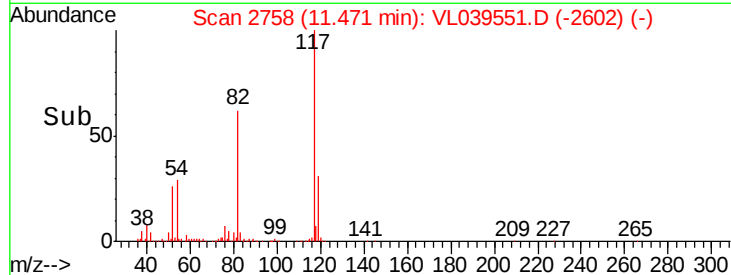
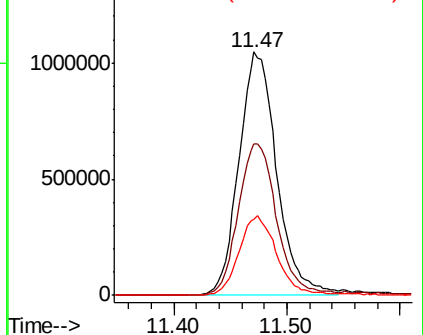


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.47 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 17 Aug 2022 16:57

Tot Ion:117 Resp: 2436989
Ion Ratio Lower Upper
117 100
82 65.3 49.1 73.7
119 33.0 25.9 38.9

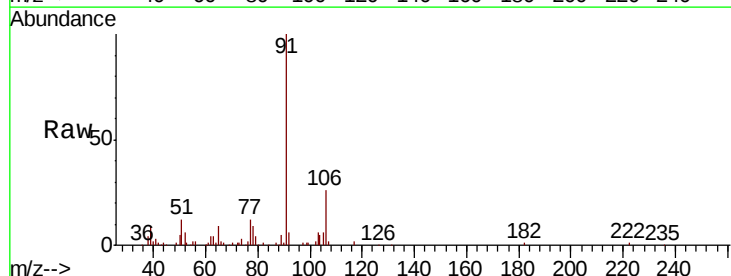


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V

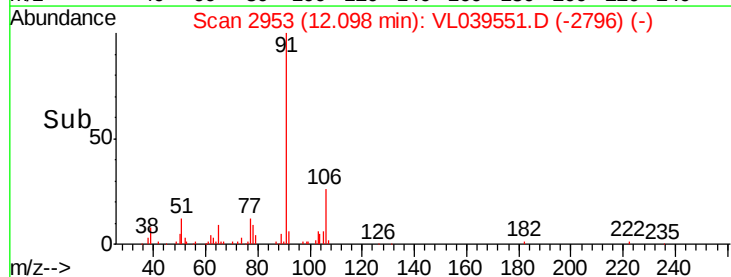
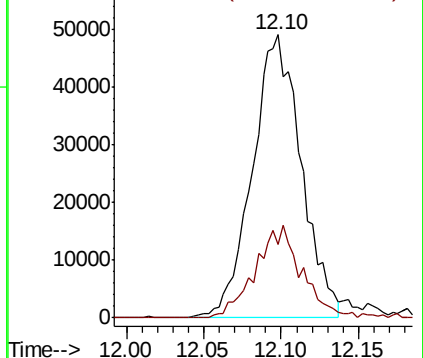


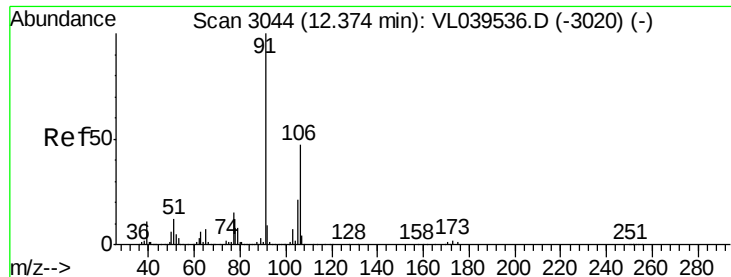
#58
Ethyl Benzene
Concen: 0.383 ppbv
RT: 12.10 min Scan# 2953
Delta R.T.: 0.00 min
Lab File: VL039551.D
Acq: 17 Aug 2022 16:57

Tgt Ion: 91 Resp: 107983
Ion Ratio Lower Upper
91 100
106 25.5 24.2 36.4



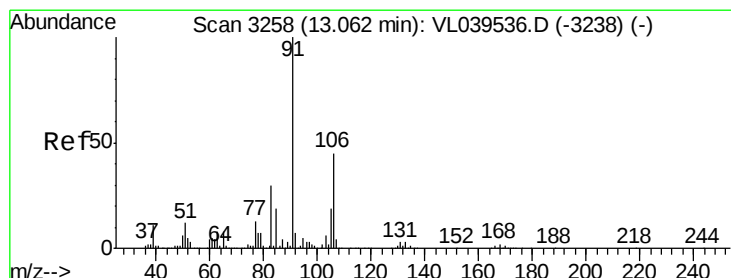
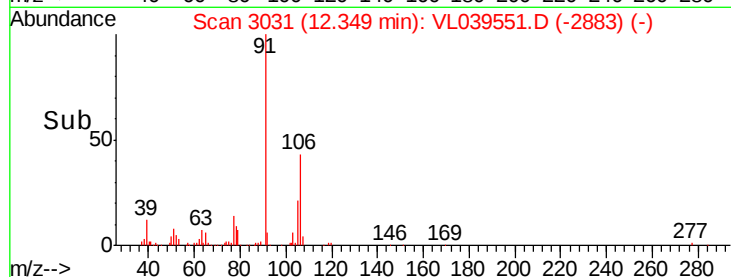
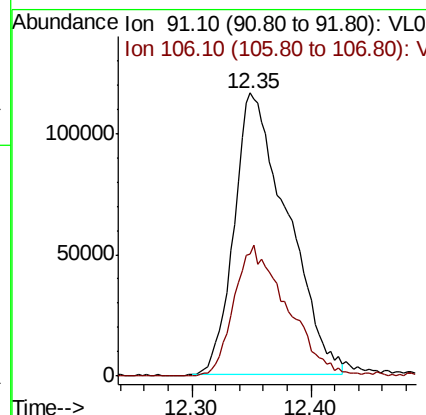
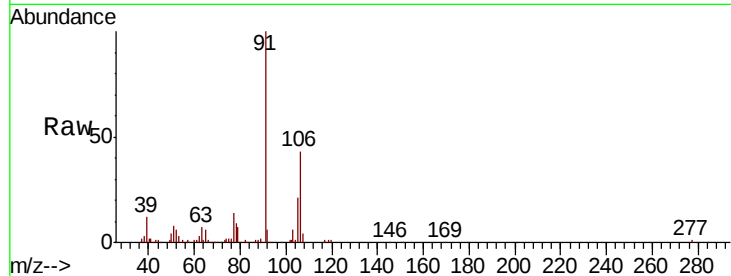
Abundance Ion 91.10 (90.80 to 91.80): VL0
Ion 106.10 (105.80 to 106.80): V





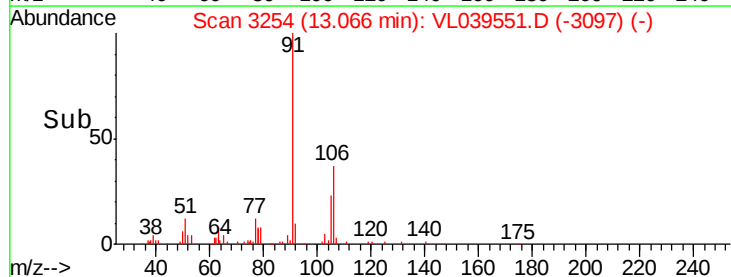
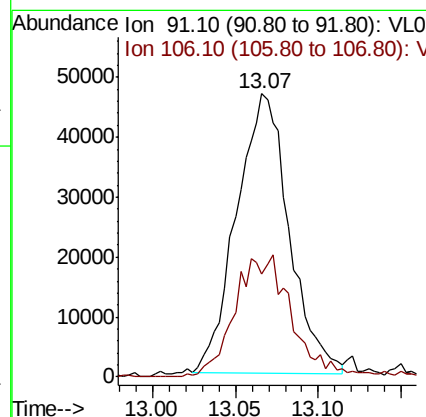
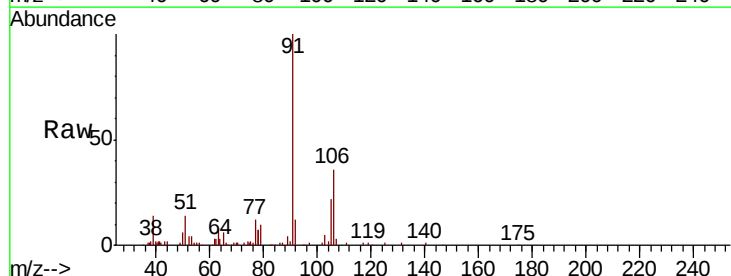
#59
m/p-Xylene
Concen: 1.420 ppbv
RT: 12.35 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 17 Aug 2022 16:57

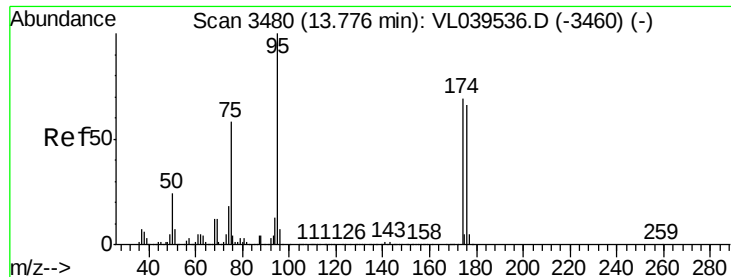
Tot Ion: 91 Resp: 360184
Ion Ratio Lower Upper
91 100
106 46.5 0.0 0.0#



#60
o-Xylene
Concen: 0.422 ppbv
RT: 13.07 min Scan# 3254
Delta R.T. 0.00 min
Lab File: VL039551.D
Acq: 17 Aug 2022 16:57

Tgt Ion: 91 Resp: 102587
Ion Ratio Lower Upper
91 100
106 48.0 22.7 68.0





#68

1-Bromo-4-Fluorobenzene

Concen: 10.213 ppbv

RT: 13.78

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 17 Aug 2022 16:57

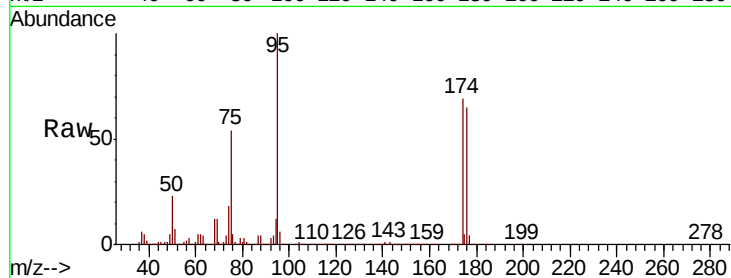
Tot Ion: 95 Resp: 1873592

Ion Ratio Lower Upper

95 100

174 73.1 56.3 84.5

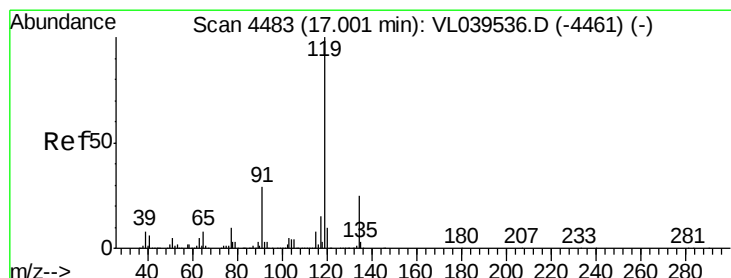
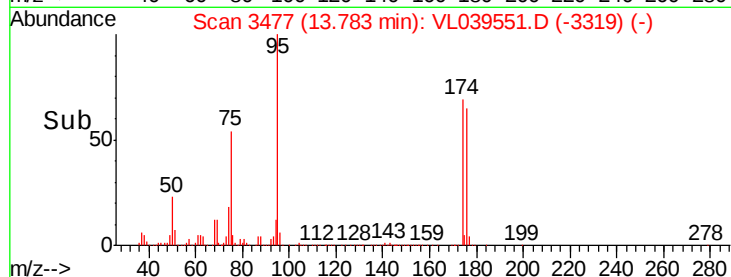
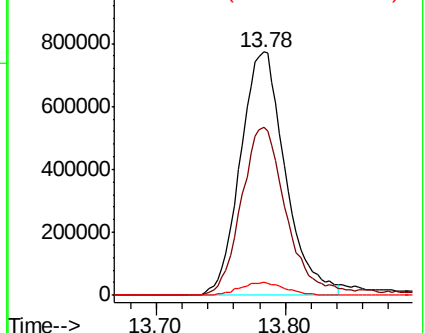
175 5.5 4.3 6.5



Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V



#69

p-Isopropyltoluene

Concen: 0.054 ppbv

RT: 17.00 min Scan# 4478

Delta R.T. 0.00 min

Lab File: VL039551.D

Acq: 17 Aug 2022 16:57

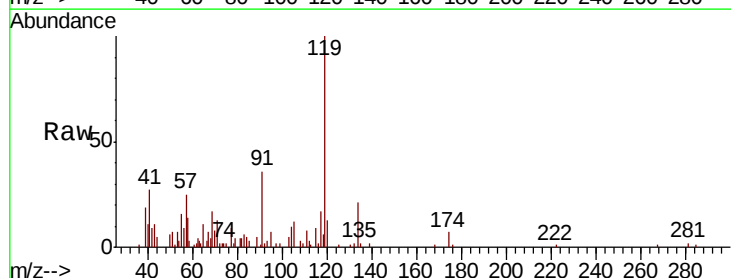
Tgt Ion:119 Resp: 21026

Ion Ratio Lower Upper

119 100

134 0.0 19.8 29.6#

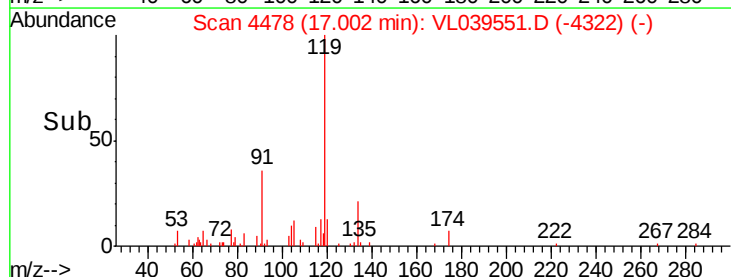
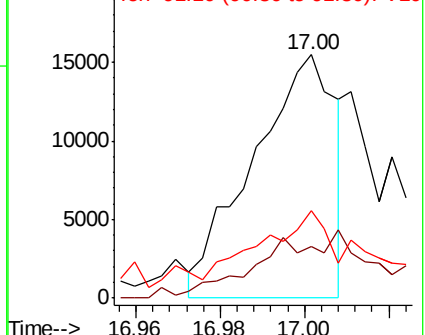
91 63.2 22.6 33.8#

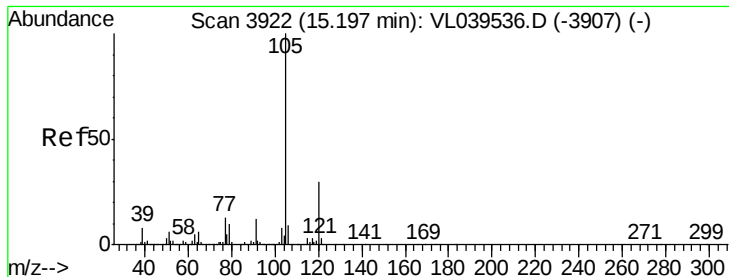


Abundance Ion 119.10 (118.80 to 119.80): V

Ion 134.20 (133.90 to 134.90): V

Ion 91.10 (90.80 to 91.80): VL0





#72

4-Ethyltoluene

Concen: 0.030 ppbv

RT: 15.20

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 17 Aug 2022 16:57

Tot Ion:105 Resp: 8623

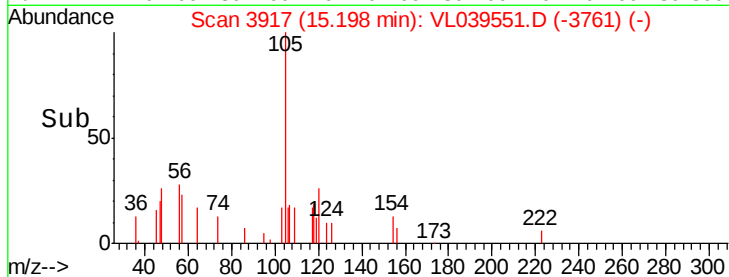
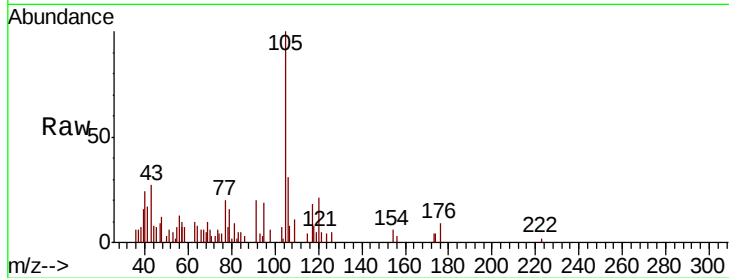
Ion Ratio Lower Upper

105 100

120 64.5 0.0 0.0#

91 0.0 0.0 0.0

77 0.0 0.0 0.0

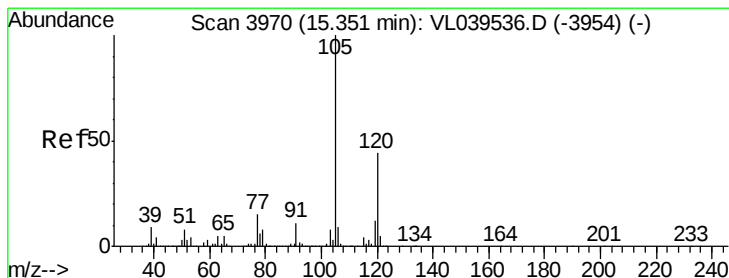
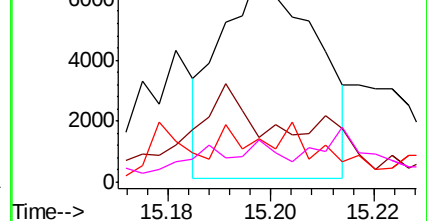


Abundance Ion 105.10 (104.80 to 105.80): V

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



#73

1,3,5-Trimethylbenzene

Concen: 0.040 ppbv

RT: 15.36 min Scan# 3967

Delta R.T. 0.01 min

Lab File: VL039551.D

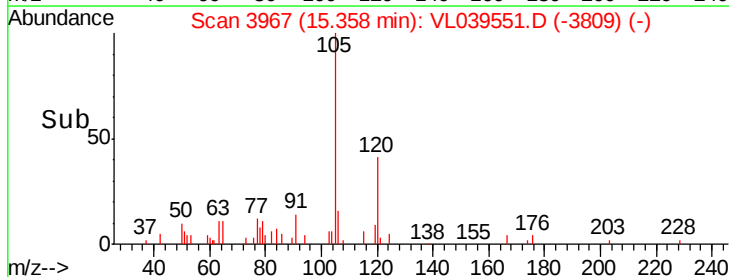
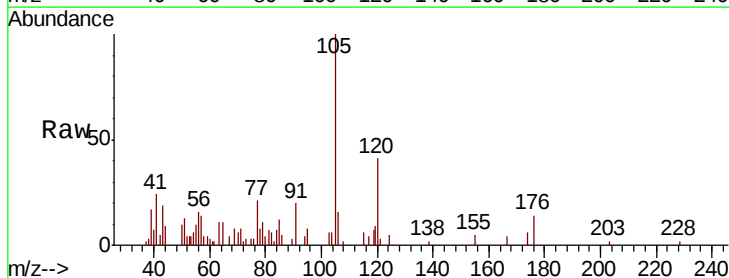
Acq: 17 Aug 2022 16:57

Tgt Ion:105 Resp: 10379

Ion Ratio Lower Upper

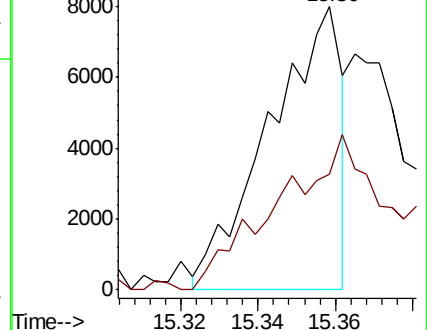
105 100

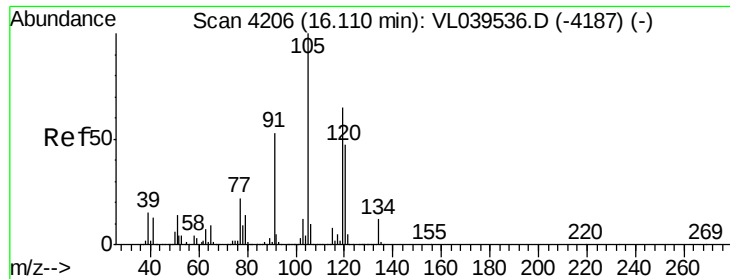
120 43.0 35.4 53.2



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: 0.109 ppbv

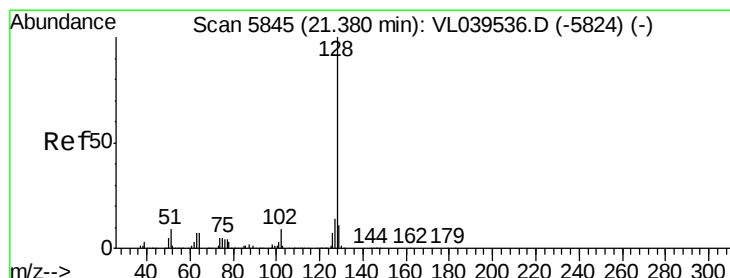
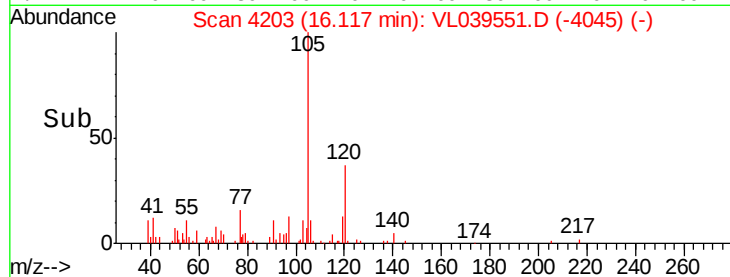
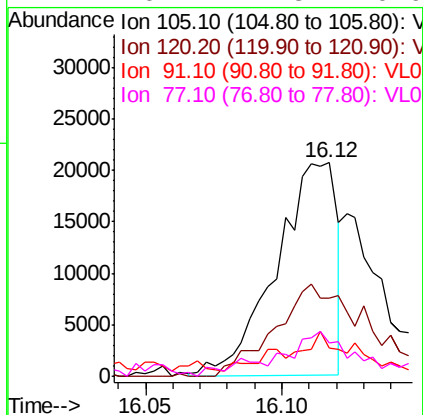
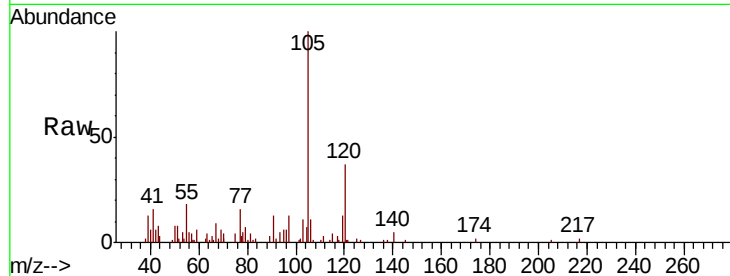
RT: 16.12

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 17 Aug 2022 16:57

Tot Ion:	105	Resp:	31849
Ion Ratio	Lower	Upper	
105	100		
120	37.1	37.8	56.8#
91	8.7	43.8	65.6#
77	16.4	17.8	26.6#



#79

Naphthalene

Concen: 0.078 ppbv

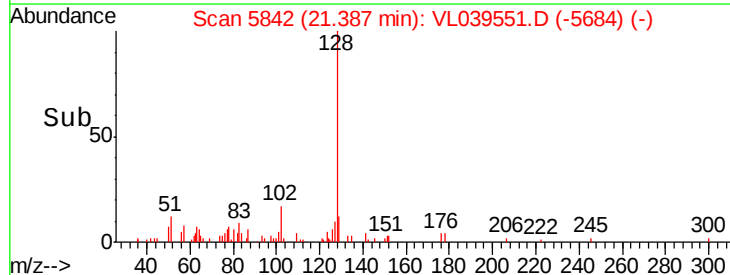
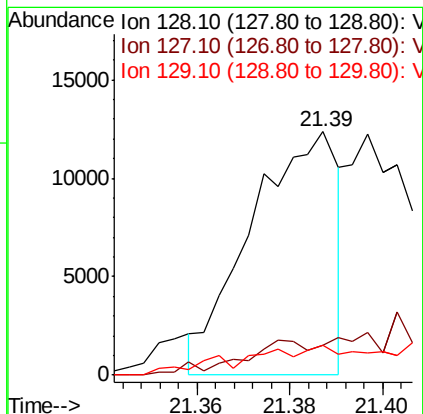
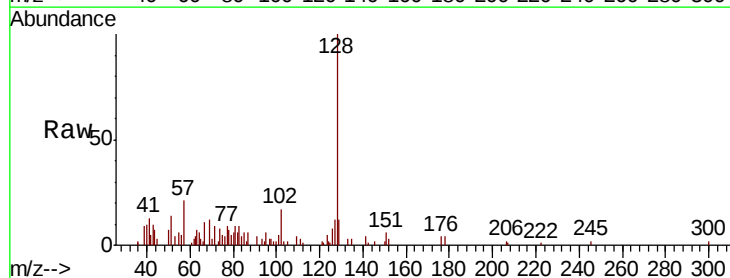
RT: 21.39 min Scan# 5842

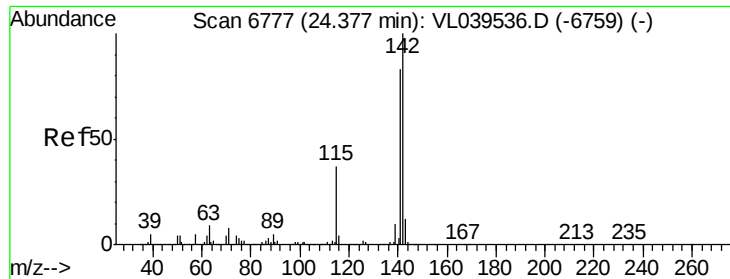
Delta R.T. 0.01 min

Lab File: VL039551.D

Acq: 17 Aug 2022 16:57

Tgt Ion:	128	Resp:	16146
Ion Ratio	Lower	Upper	
128	100		
127	8.3	10.8	16.2#
129	11.5	9.1	13.7





#80

Naphthalene, 2-methyl-

Concen: 0.067 ppbv

RT: 24.38

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 17 Aug 2022 18:57

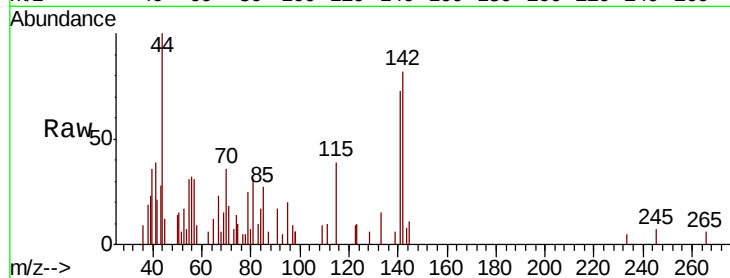
Tot Ion: 142 Resp: 5476

Ion Ratio Lower Upper

142 100

141 88.1 0.0 0.0#

115 56.4 0.0 0.0#



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

