

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL061422\
 Data File : VL039288.D
 Acq On : 14 Jun 2022 20:06
 Operator : SY/AP
 Sample : N3306-04 4X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-2

Quant Time: Jun 15 03:18:58 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL053122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 01 01:22:18 2022
 QLast Update : Wed Jun 01 01:22:18 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1343970	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3775068	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	3459567	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.42	95	2727895	9.54	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.40%

Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.06	85	23842	0.101 ppbv	# 88
3) Chlorodifluoromethane	2.97	51	26934	0.158 ppbv	# 73
4) Chloromethane	3.15	50	17745	0.202 ppbv	# 87
9) Propene	3.02	41	178900	2.399 ppbv	# 88
10) Heptane	8.13	43	246486	1.417 ppbv	# 26
11) Trichlorofluoromethane	3.96	101	10767	0.050 ppbv	# 85
12) 1,1,2-Trichlorotrifluoroet	4.49	101	16441	0.116 ppbv	# 62
13) Ethanol	3.61	45	477479	117.420 ppbv	# 100
15) Acetone	3.85	43	3129707	22.355 ppbv	# 99
16) 1,3-Butadiene	3.35	39	11168	0.148 ppbv	# 1
17) tert-Butyl alcohol	4.30	59	92055	0.848 ppbv	# 96
19) Isopropyl Alcohol	3.97	45	479855	7.308 ppbv	# 1
20) Methylene Chloride	4.35	84	316112	5.358 ppbv	# 90
21) Allyl Chloride	4.38	41	5143	0.054 ppbv	# 1
23) Vinyl Acetate	5.06	43	108659	0.938 ppbv	# 46
25) Ethyl Acetate	5.69	43	293043	0.929 ppbv	# 80
26) Hexane	5.69	57	397710	2.868 ppbv	# 39
27) Carbon Disulfide	4.56	76	87492	0.609 ppbv	# 91
29) Chloroform	5.76	83	23263	0.100 ppbv	# 98
30) Cyclohexane	7.14	84	4817	0.041 ppbv	# 1
34) 2-Butanone	5.25	43	1378073	6.719 ppbv	# 100
36) Benzene	6.90	78	246842	0.805 ppbv	# 98
39) 1,2-Dichloropropane	7.18	63	934207	7.663 ppbv	# 25
41) Tetrahydrofuran	6.05	42	417756	3.387 ppbv	# 98
43) Methyl Methacrylate	8.02	69	5042	0.042 ppbv	# 1
44) 2,2,4-Trimethylpentane	7.88	57	9042576	16.866 ppbv	# 95
50) 4-Methyl-2-Pentanone	8.75	43	156530	0.510 ppbv	# 32
51) 2-Hexanone	9.99	43	174417	0.730 ppbv	# 32
52) Tetrachloroethene	11.23	164	124323	1.039 ppbv	# 98
53) Toluene	9.81	91	331991	0.941 ppbv	# 99
58) Ethyl Benzene	12.71	91	146308	0.307 ppbv	# 98
59) m/p-Xylene	13.00	91	194251	0.463 ppbv	# 33
60) o-Xylene	13.70	91	180002	0.456 ppbv	# 49
64) n-propylbenzene	15.56	120	10594	0.074 ppbv	# 1
65) tert-Butylbenzene	16.76	119	43687	0.082 ppbv	# 2
70) n-Butylbenzene	18.55	91	30881	0.049 ppbv	# 78
72) 4-Ethyltoluene	15.84	105	186276	0.403 ppbv	# 92
73) 1,3,5-Trimethylbenzene	15.99	105	85844	0.206 ppbv	# 92
74) 1,2,4-Trimethylbenzene	16.76	105	620143	1.333 ppbv	# 65

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ClientSampleId :
SS-2

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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 01 01:22:18 2022
QLast Update : Wed Jun 01 01:22:18 2022
Response via : Initial Calibration

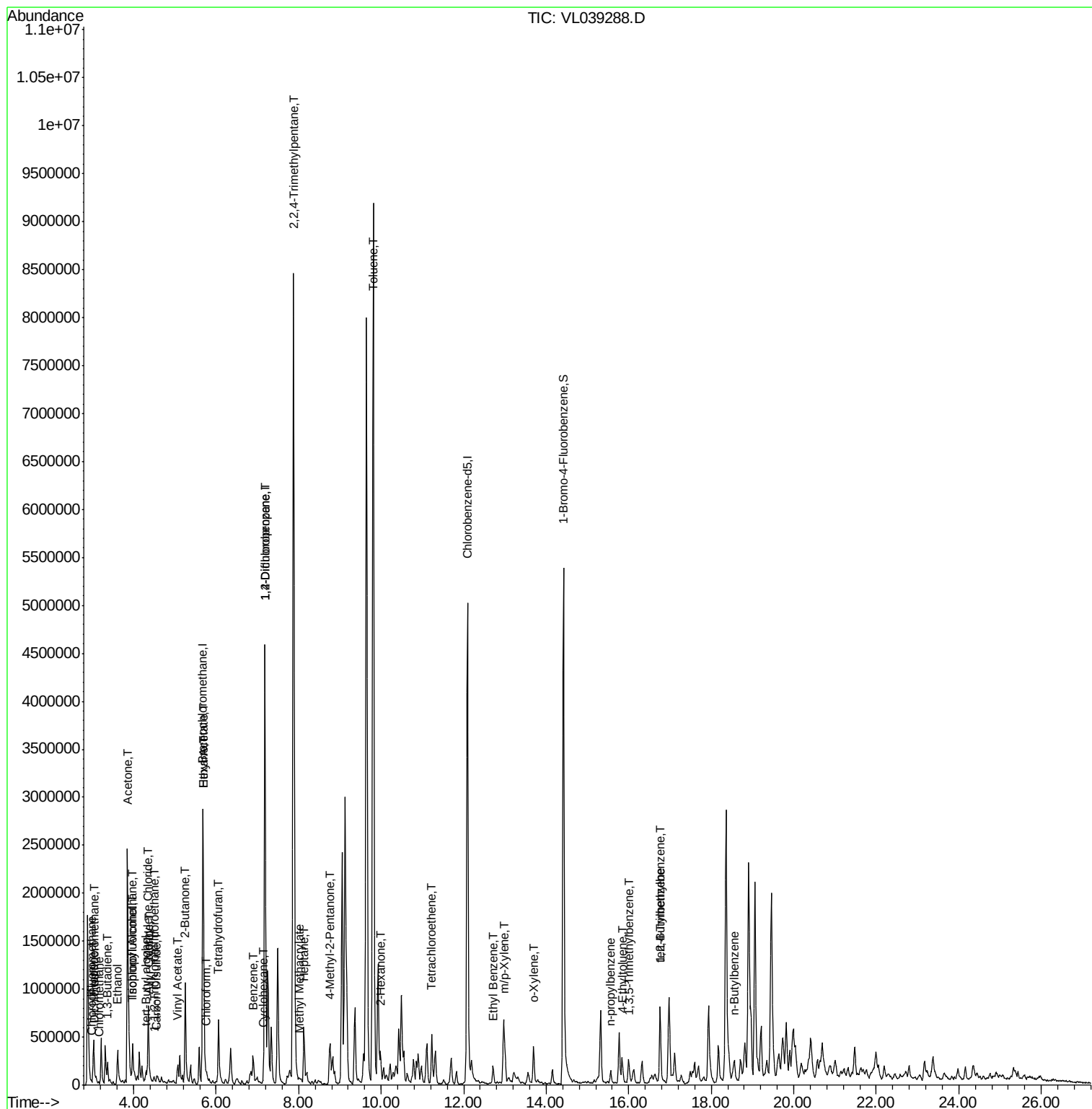
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

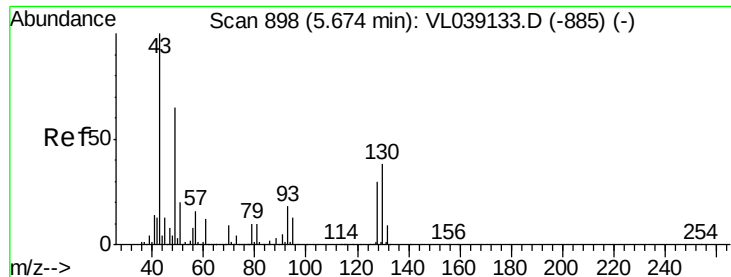
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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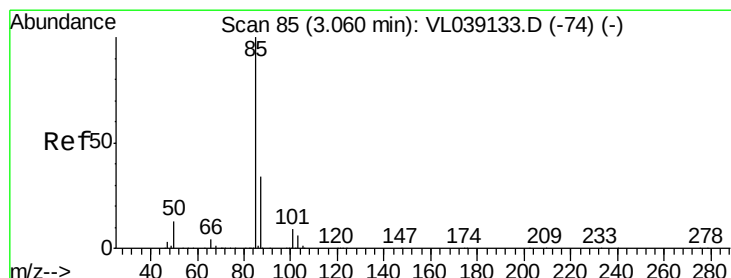
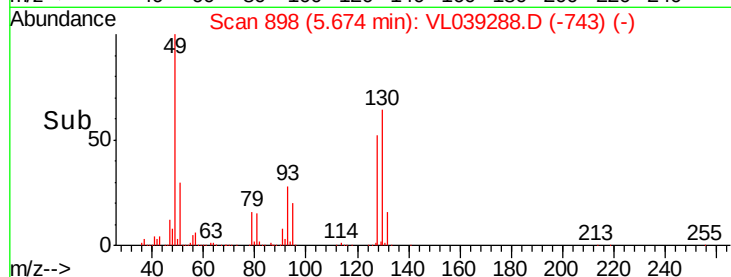
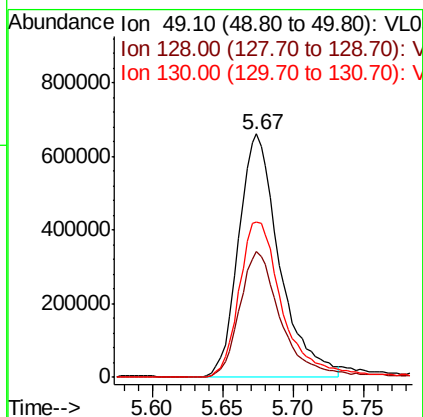
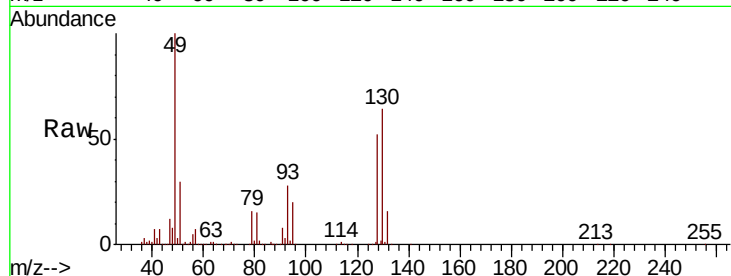
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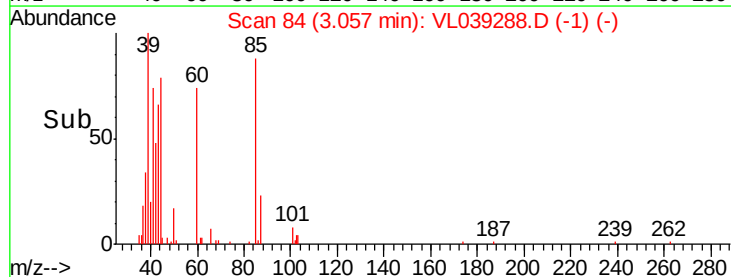
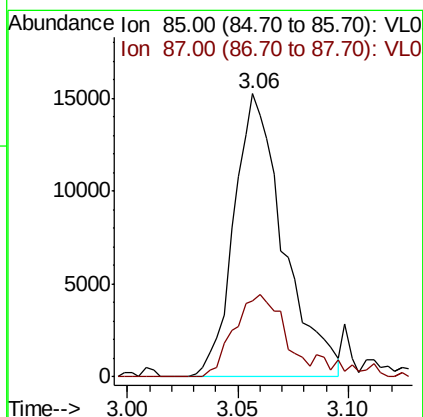
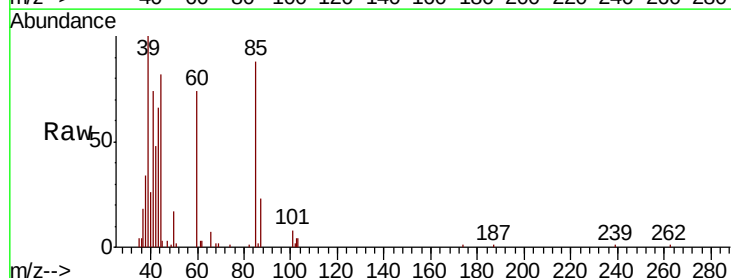
#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.67
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 SS-2
 Acq: 14 Jun 2022 20:00

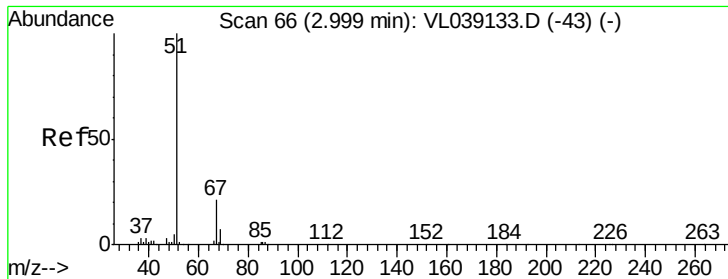
Tot Ion: 49 Resp: 1343970
 Ion Ratio Lower Upper
 49 100
 128 53.8 24.7 74.1
 130 70.1 31.4 94.0



#2
 Dichlorodifluoromethane
 Concen: 0.101 ppbv
 RT: 3.06 min Scan# 84
 Delta R.T.: -0.00 min
 Lab File: VL039288.D
 Acq: 14 Jun 2022 20:06

Tgt Ion: 85 Resp: 23842
 Ion Ratio Lower Upper
 85 100
 87 26.7 26.9 40.3#





#3

Chlorodifluoromethane

Concen: 0.158 ppbv

RT: 2.97 Instrument:

Delta R.T. MSVOA.L

Lab File: ClientSampleId:

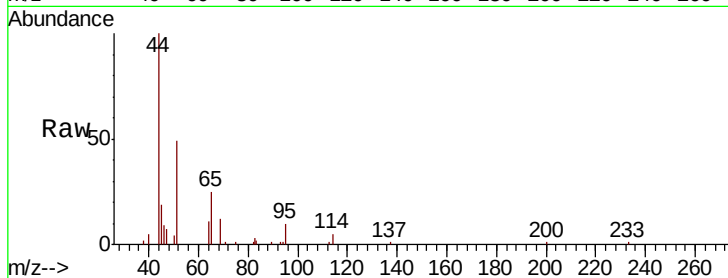
Acq: 14 Jun 2022 20:00

Tot Ion: 51 Resp: 26934

Ion Ratio Lower Upper

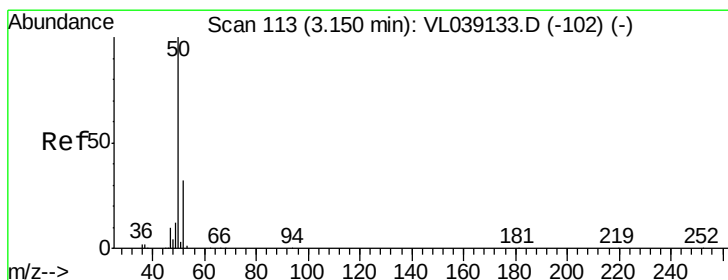
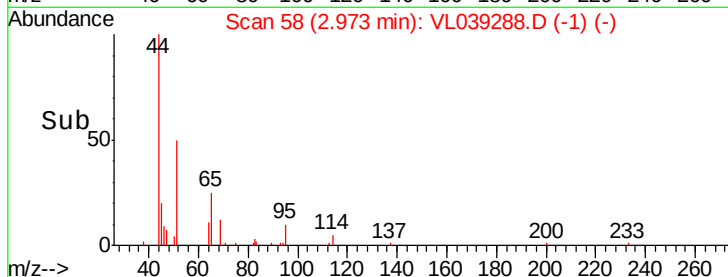
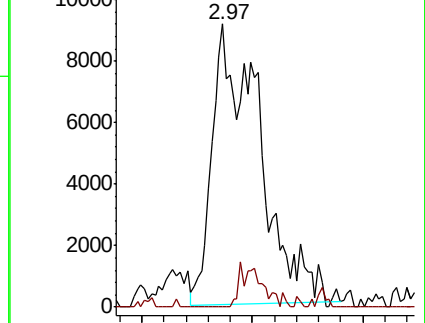
51 100

67 7.8 16.2 24.4#



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 0.202 ppbv

RT: 3.15 min Scan# 114

Delta R.T. 0.00 min

Lab File: VL039288.D

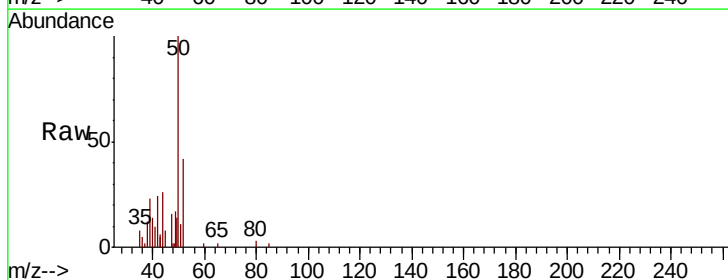
Acq: 14 Jun 2022 20:06

Tgt Ion: 50 Resp: 17745

Ion Ratio Lower Upper

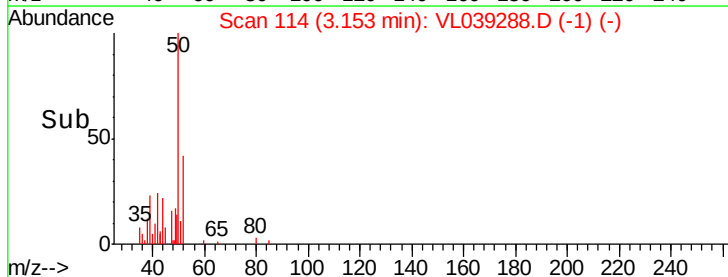
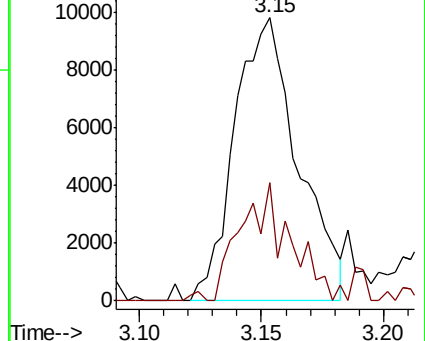
50 100

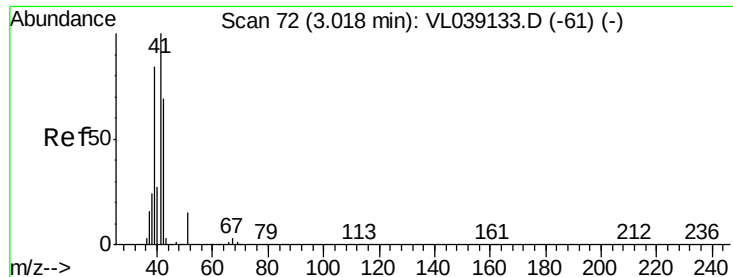
52 40.0 25.9 38.9#



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#9

Propene

Concen: 2.399 ppbv

RT: 3.02

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

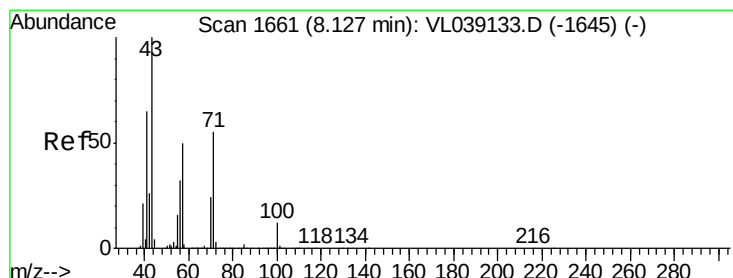
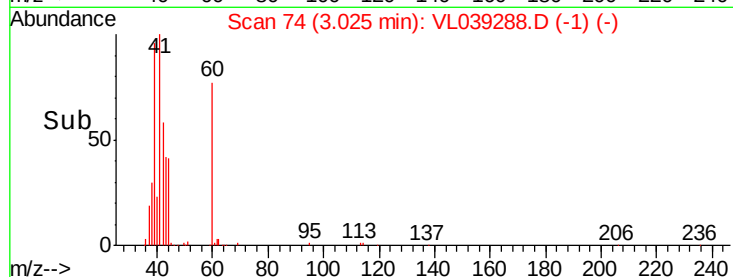
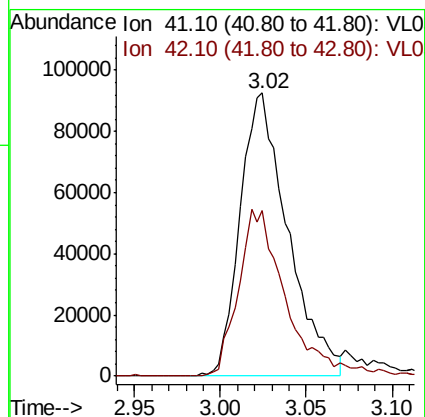
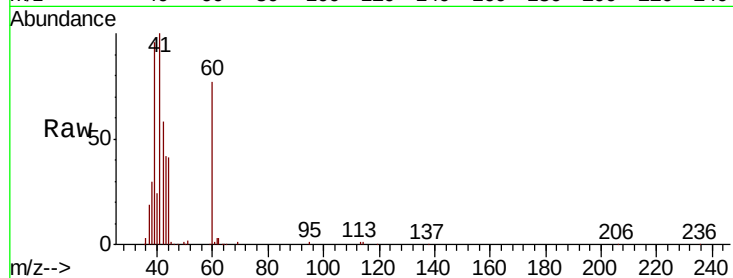
Acq: 14 Jun 2022 20:00

Tot Ion: 41 Resp: 178900

Ion Ratio Lower Upper

41 100

42 59.2 55.4 83.2



#10

Heptane

Concen: 1.417 ppbv

RT: 8.13 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VL039288.D

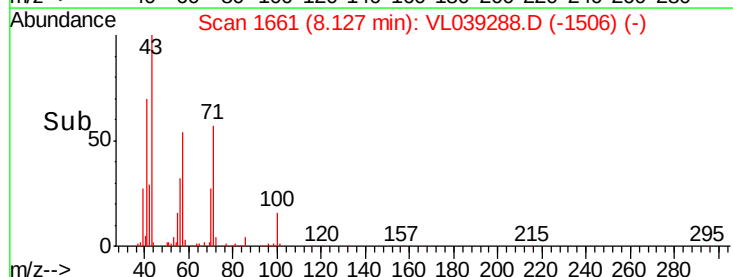
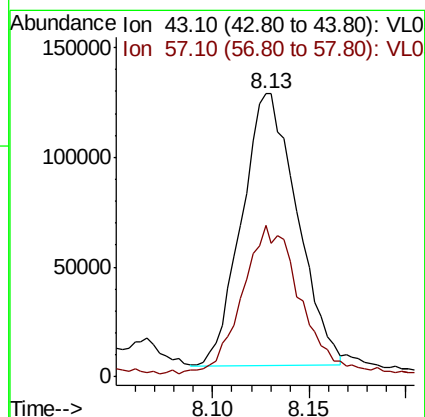
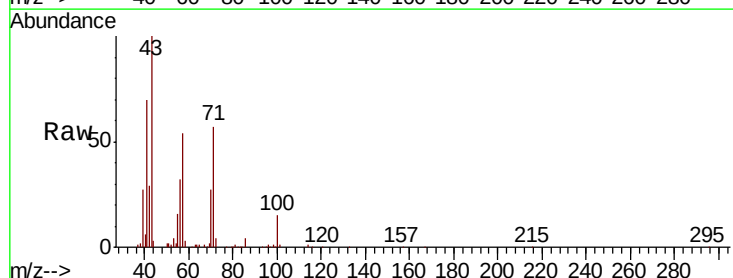
Acq: 14 Jun 2022 20:06

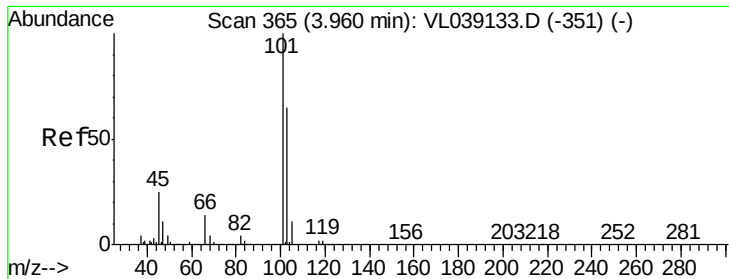
Tgt Ion: 43 Resp: 246486

Ion Ratio Lower Upper

43 100

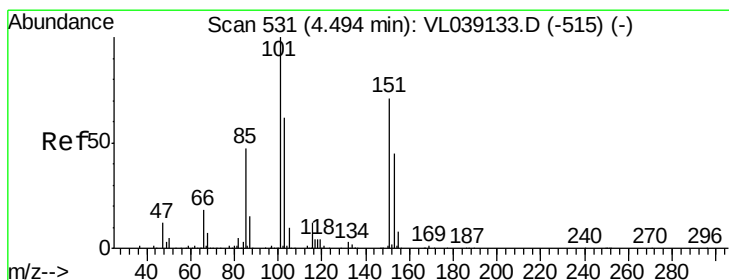
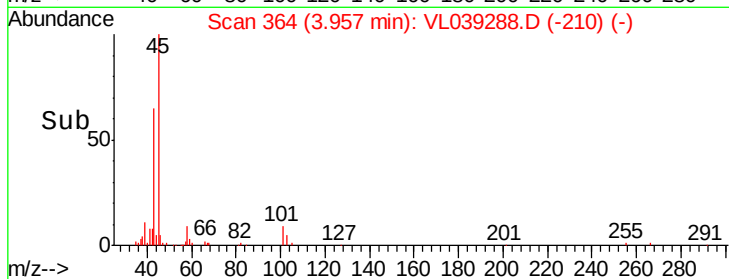
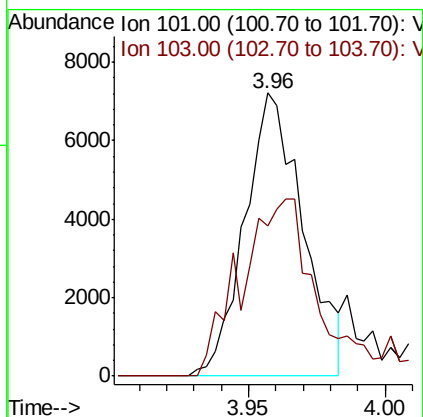
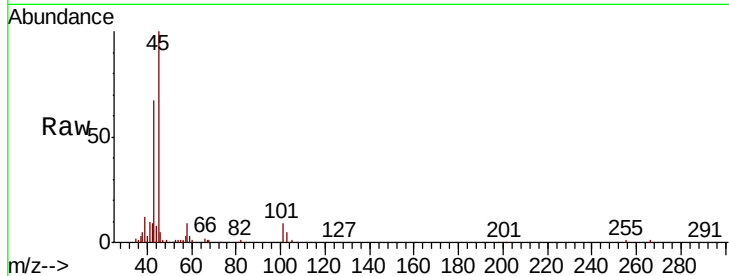
57 0.0 41.4 62.2#





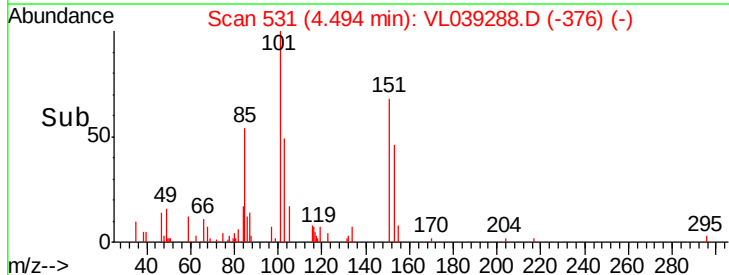
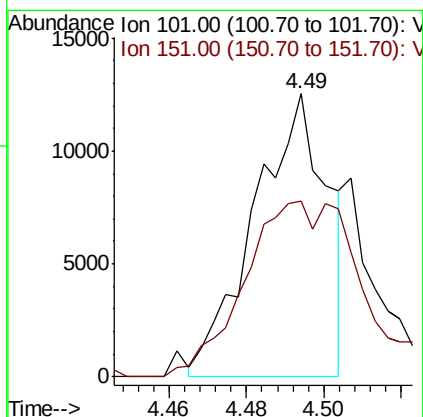
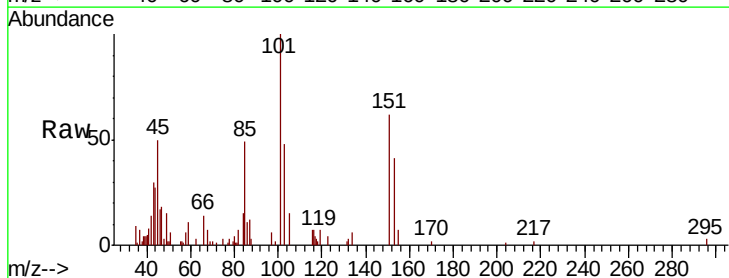
#11
 Trichlorofluoromethane
 Concen: 0.050 ppbv
 RT: 3.96
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 SS-2
 Acq: 14 Jun 2022 20:00

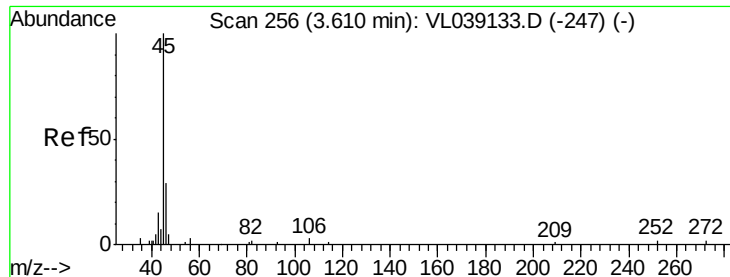
Tot Ion:101 Resp: 10767
 Ion Ratio Lower Upper
 101 100
 103 53.0 51.7 77.5



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.116 ppbv
 RT: 4.49 min Scan# 531
 Delta R.T. -0.00 min
 Lab File: VL039288.D
 Acq: 14 Jun 2022 20:00

Tgt Ion:101 Resp: 16441
 Ion Ratio Lower Upper
 101 100
 151 106.2 59.4 89.0#





#13

Ethanol

Concen: 117.420 ppbv

RT: 3.61

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

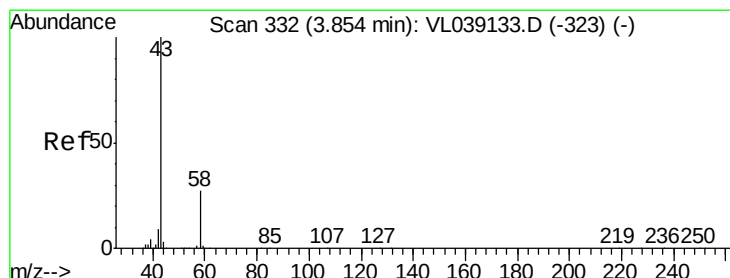
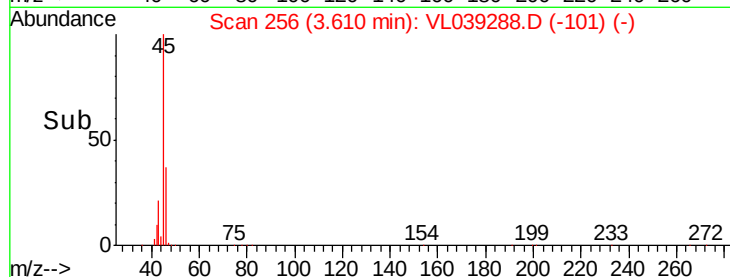
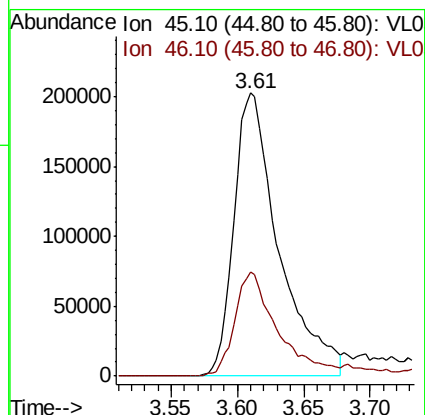
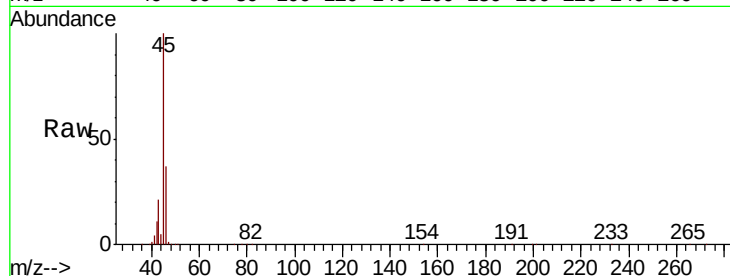
Acq: 14 Jun 2022 20:00

Tot Ion: 45 Resp: 477479

Ion Ratio Lower Upper

45 100

46 37.9 0.0 0.0#



#15

Acetone

Concen: 22.355 ppbv

RT: 3.85 min Scan# 331

Delta R.T. -0.00 min

Lab File: VL039288.D

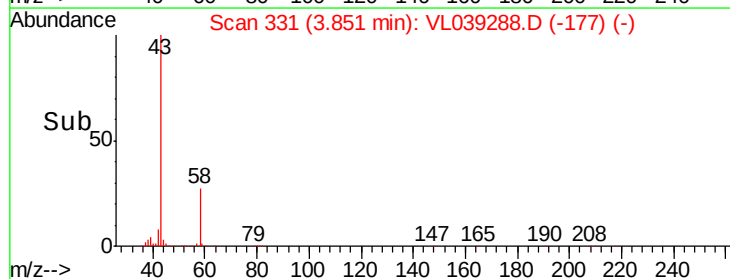
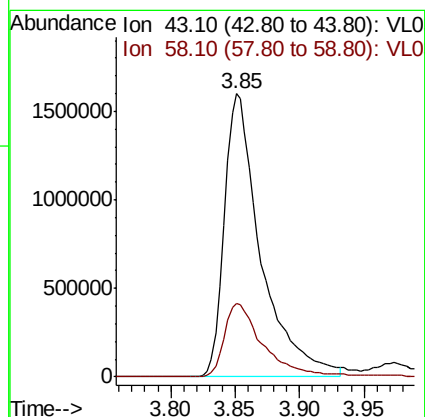
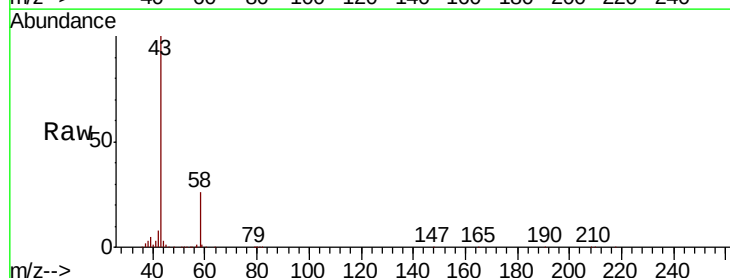
Acq: 14 Jun 2022 20:06

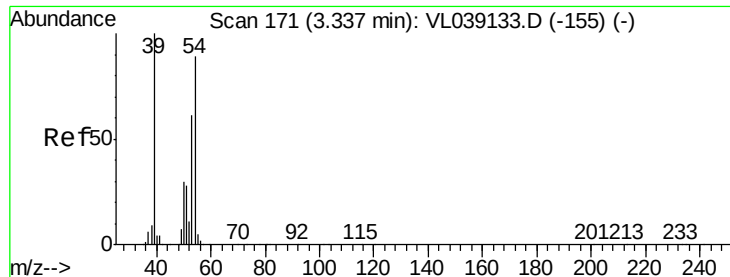
Tgt Ion: 43 Resp: 3129707

Ion Ratio Lower Upper

43 100

58 28.7 22.5 33.7





#16

1,3-Butadiene

Concen: 0.148 ppbv

RT: 3.35 Instrument: MSVOA_1

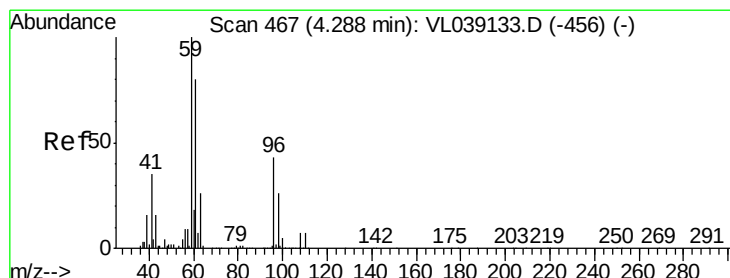
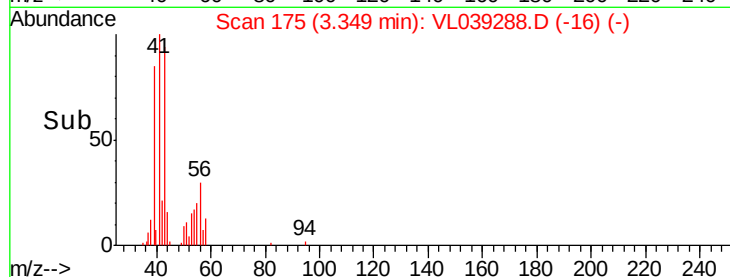
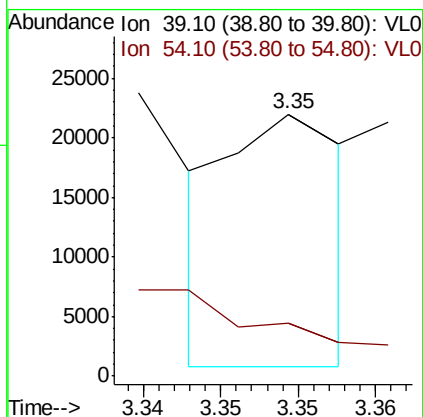
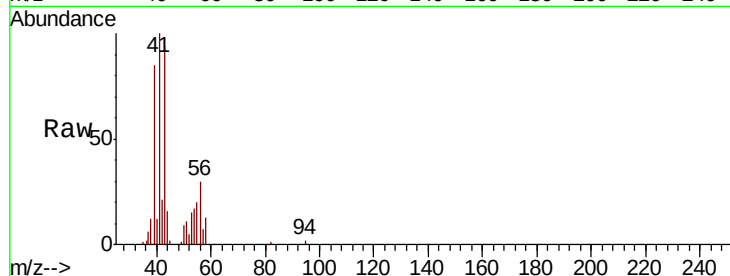
Delta R.T. ClientSampleId:

Lab File: SS-2

Acq: 14 Jun 2022 20:00

Tot Ion: 39 Resp: 11168

Ion	Ratio	Lower	Upper
39	100		
54	178.6	65.8	98.6#



#17

tert-Butyl alcohol

Concen: 0.848 ppbv

RT: 4.30 min Scan# 471

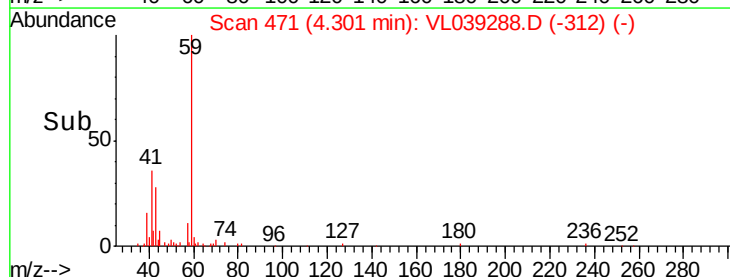
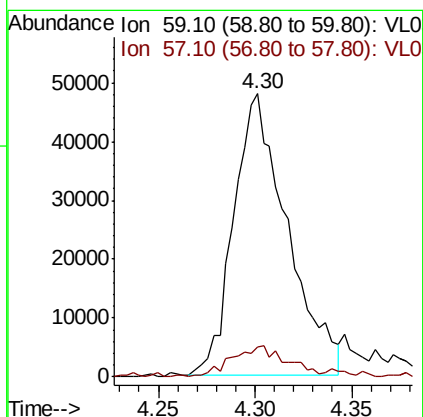
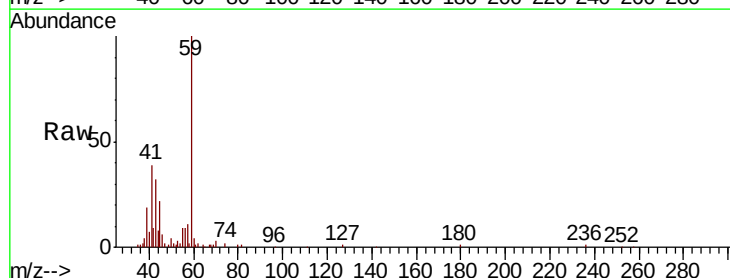
Delta R.T. 0.01 min

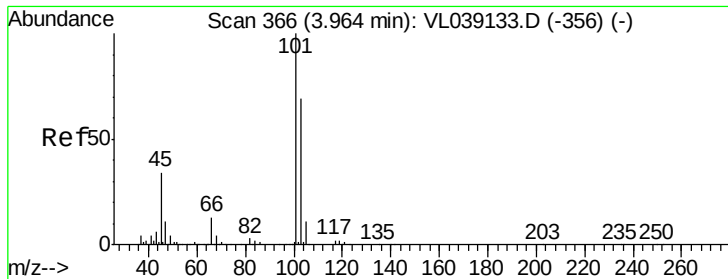
Lab File: VL039288.D

Acq: 14 Jun 2022 20:06

Tgt Ion: 59 Resp: 92055

Ion	Ratio	Lower	Upper
59	100		
57	12.7	9.1	13.7





#19

Isopropyl Alcohol

Concen: 7.308 ppbv

RT: 3.97 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

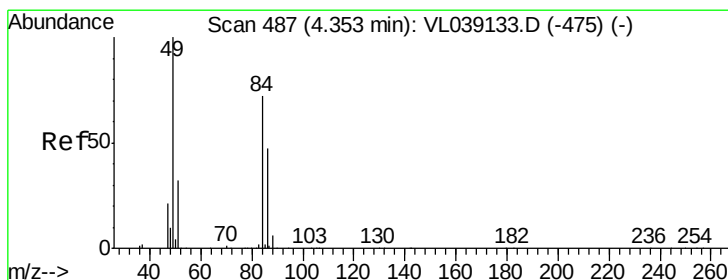
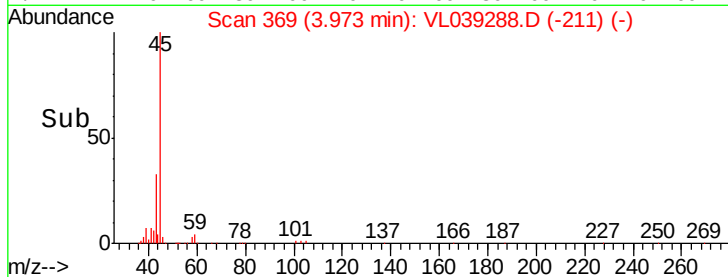
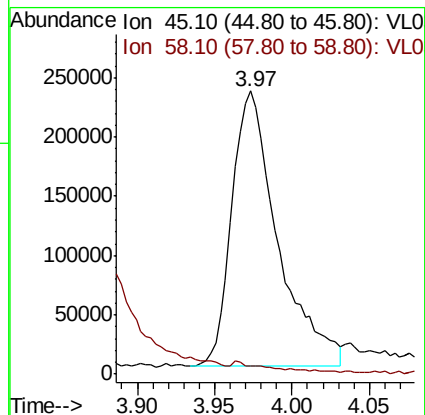
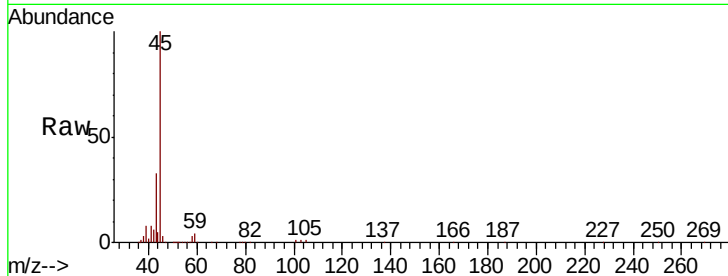
Acq: 14 Jun 2022 20:00 SS-2

Tot Ion: 45 Resp: 479855

Ion Ratio Lower Upper

45 100

58 187.8 1.8 2.8#



#20

Methylene Chloride

Concen: 5.358 ppbv

RT: 4.35 min Scan# 487

Delta R.T. -0.00 min

Lab File: VL039288.D

Acq: 14 Jun 2022 20:06

Tgt Ion: 84 Resp: 316112

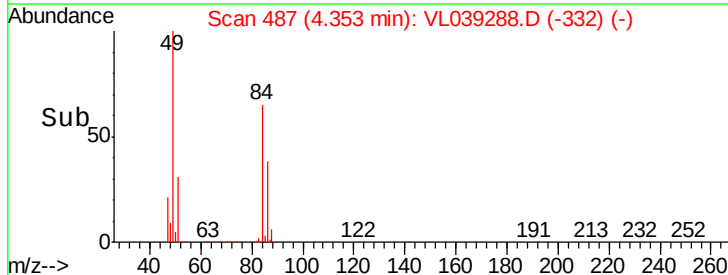
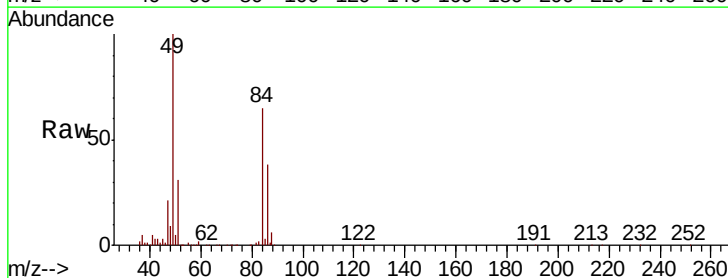
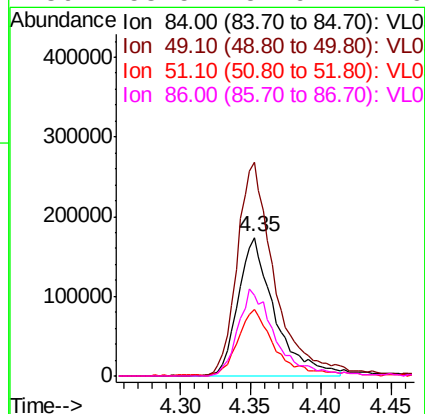
Ion Ratio Lower Upper

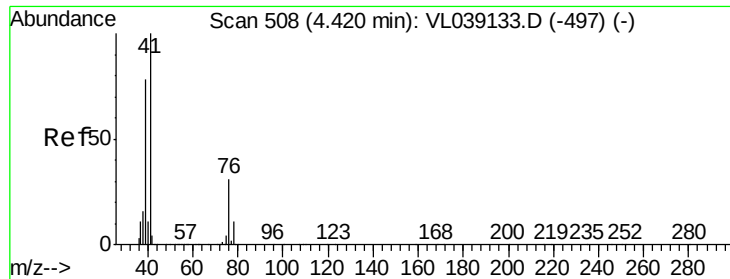
84 100

49 154.0 111.1 166.7

51 47.0 35.3 52.9

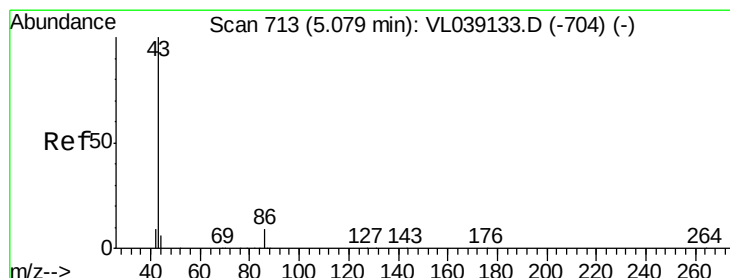
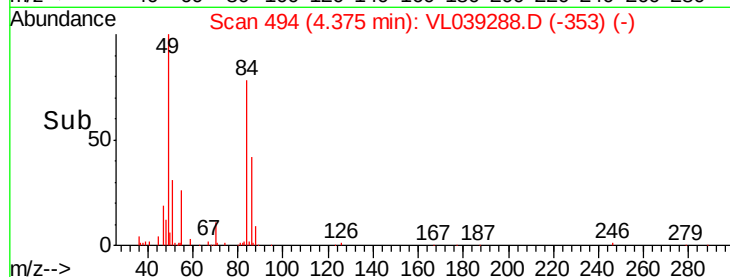
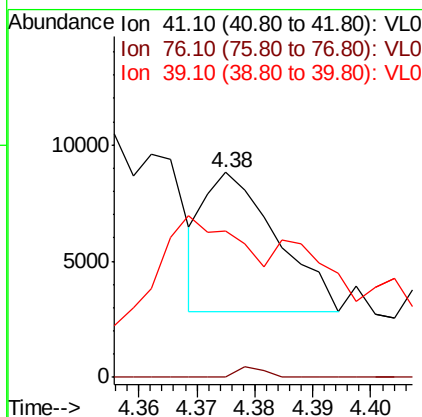
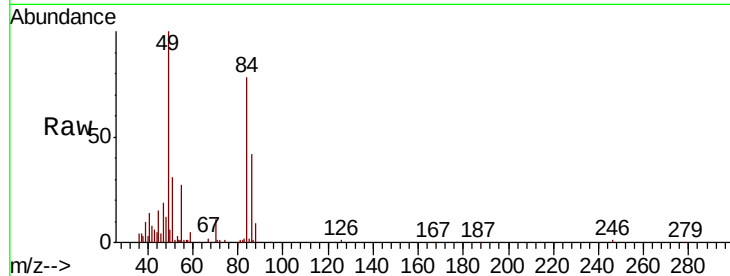
86 58.5 51.9 77.9





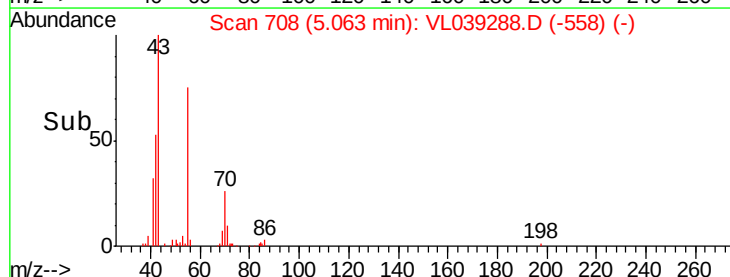
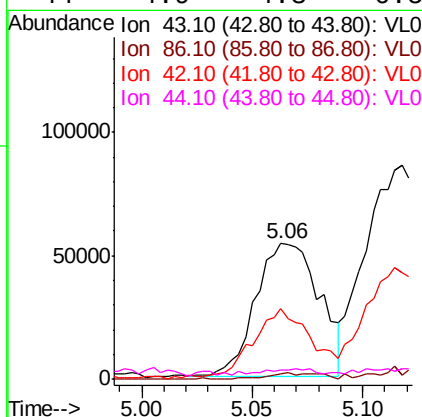
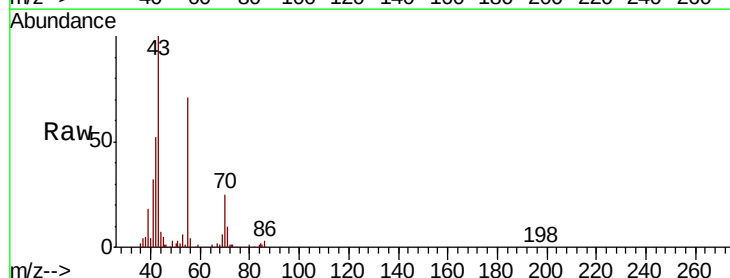
#21
 Allvl Chloride
 Concen: 0.054 ppbv
 RT: 4.38
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 SS-2
 Acq: 14 Jun 2022 20:00

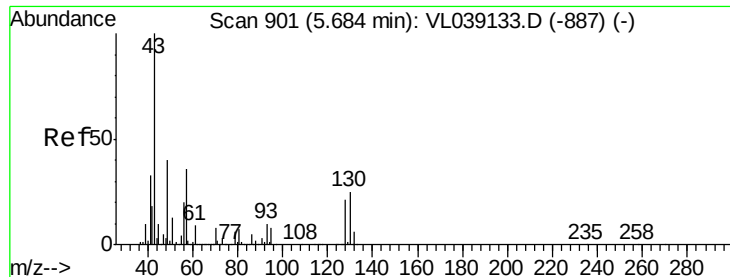
Tot Ion	Ratio	Lower	Upper
41	100		
76	0.0	24.2	36.2#
39	334.9	62.2	93.2#



#23
 Vinyl Acetate
 Concen: 0.938 ppbv
 RT: 5.06 min Scan# 708
 Delta R.T. -0.02 min
 Lab File: VL039288.D
 Acq: 14 Jun 2022 20:00

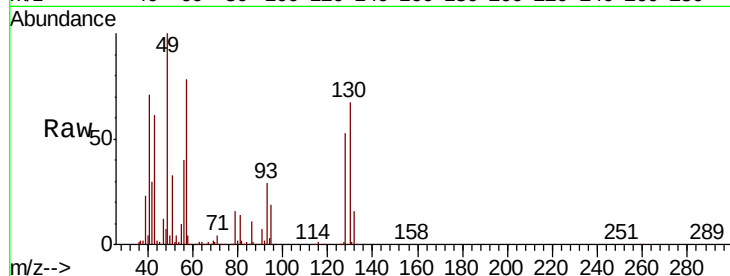
Tgt Ion	Ratio	Lower	Upper
43	100		
86	3.6	6.0	9.0#
42	52.1	8.2	12.4#
44	4.9	4.3	6.5





#25
Ethyl Acetate
Concen: 0.929 ppbv
RT: 5.69
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 14 Jun 2022 20:00

Tot Ion:	43	Resp:	293043
Ion	Ratio	Lower	Upper
43	100		
45	2.7	8.2	12.2#
61	1.4	8.4	12.6#
70	2.7	5.6	8.4#



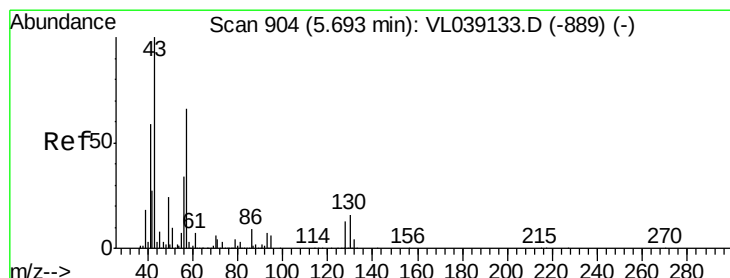
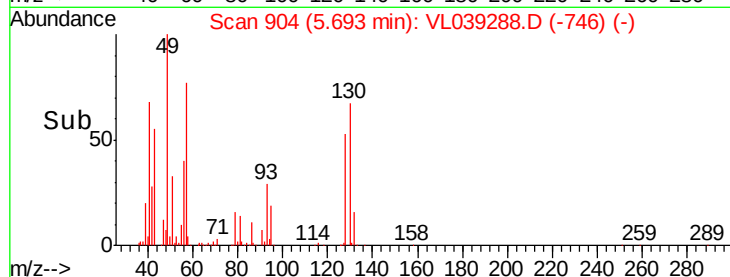
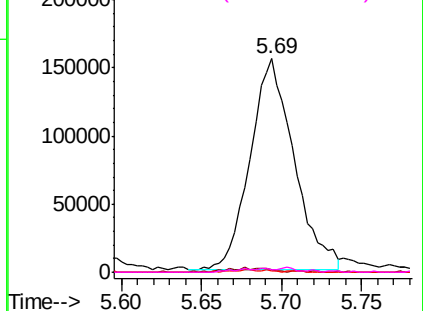
Abundance

Ion 43.10 (42.80 to 43.80): VL0

Ion 45.10 (44.80 to 45.80): VL0

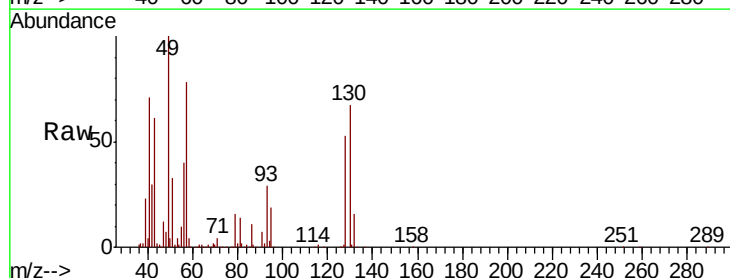
Ion 61.10 (60.80 to 61.80): VL0

Ion 70.10 (69.80 to 70.80): VL0



#26
Hexane
Concen: 2.868 ppbv
RT: 5.69 min Scan# 904
Delta R.T.: -0.00 min
Lab File: VL039288.D
Acq: 14 Jun 2022 20:06

Tgt Ion:	57	Resp:	397710
Ion	Ratio	Lower	Upper
57	100		
41	95.7	72.4	108.6
43	75.6	187.0	280.6#
56	56.1	41.8	62.6



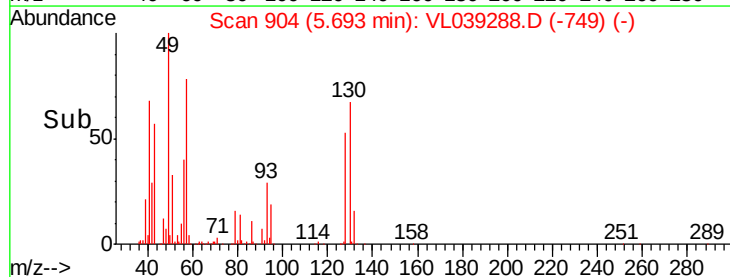
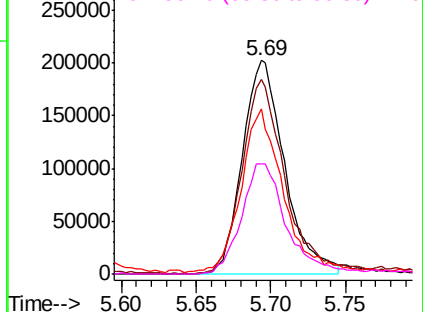
Abundance

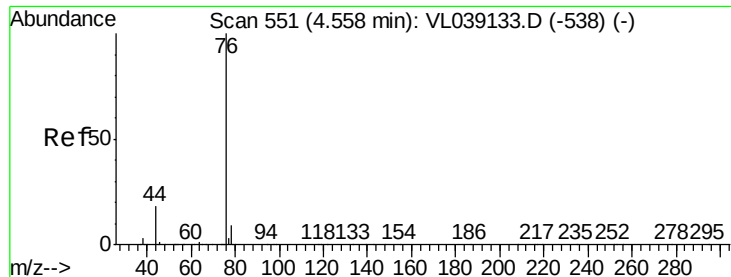
Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 43.10 (42.80 to 43.80): VL0

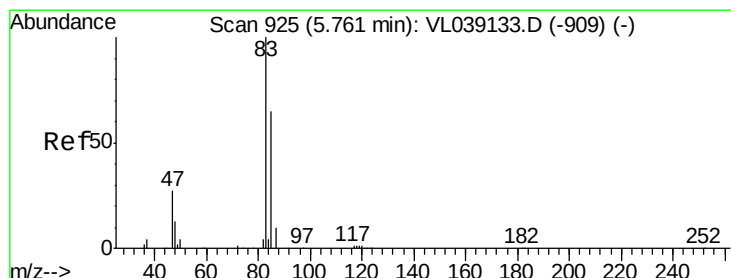
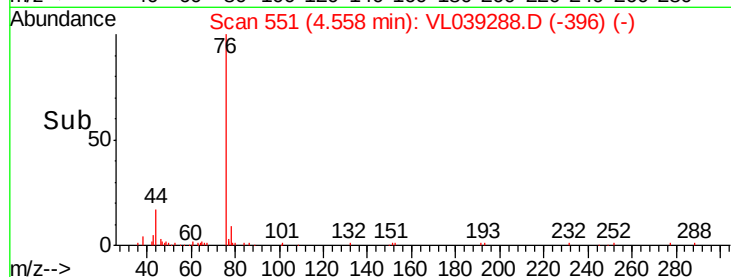
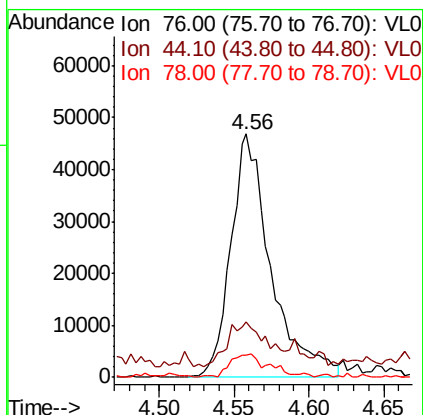
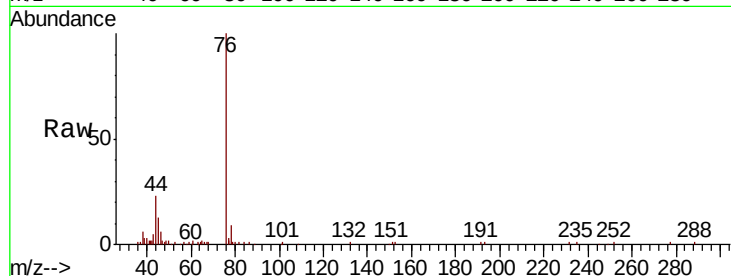
Ion 56.10 (55.80 to 56.80): VL0





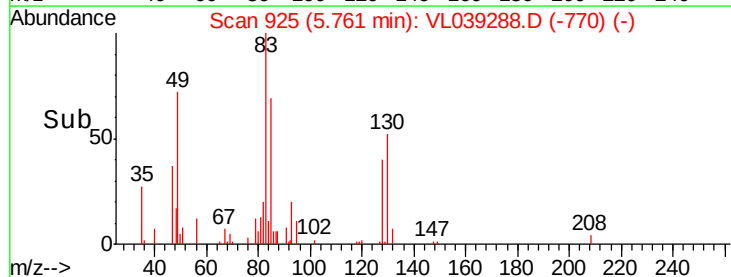
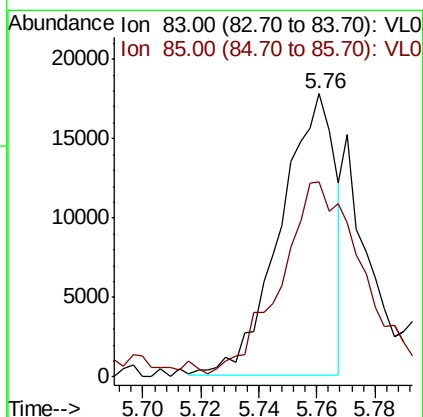
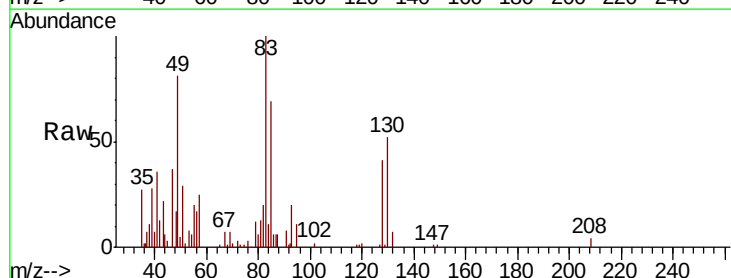
#27
Carbon Disulfide
Concen: 0.609 ppbv
RT: 4.56
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 14 Jun 2022 20:00

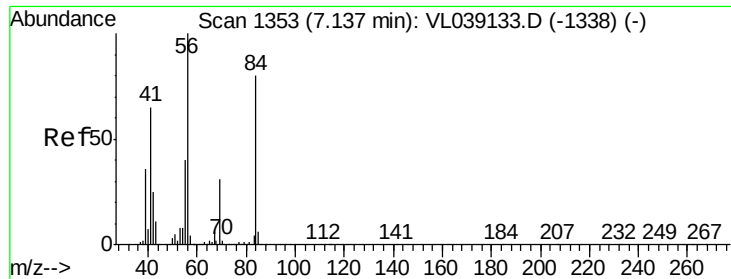
Tot Ion	Ratio	Lower	Upper
76	100		
44	23.7	14.4	21.6#
78	10.1	7.7	11.5



#29
Chloroform
Concen: 0.100 ppbv
RT: 5.76 min Scan# 925
Delta R.T. -0.00 min
Lab File: VL039288.D
Acq: 14 Jun 2022 20:06

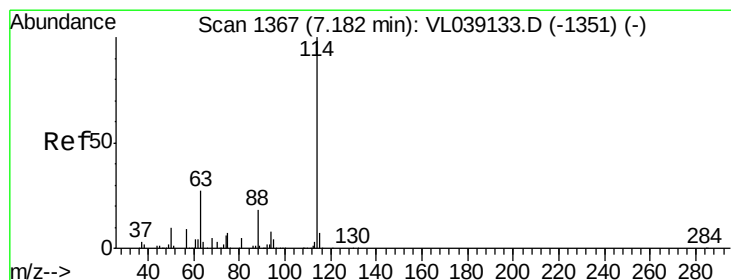
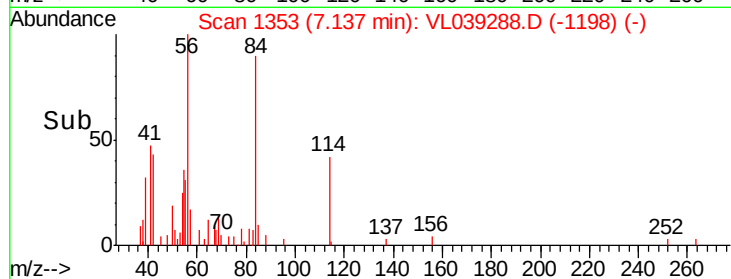
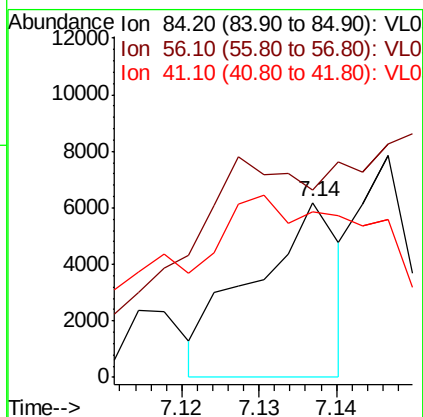
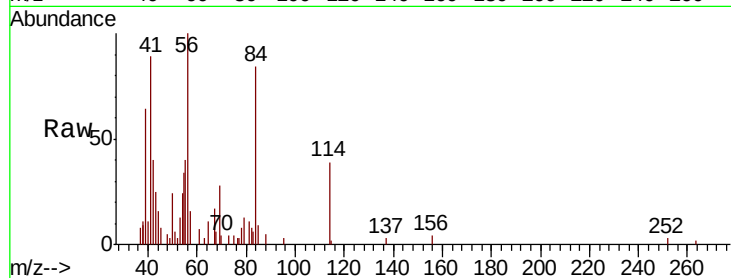
Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	52.4	78.6





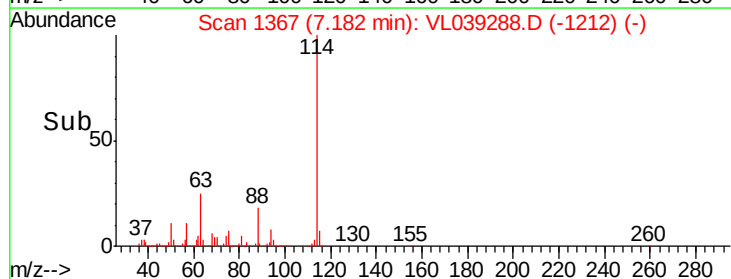
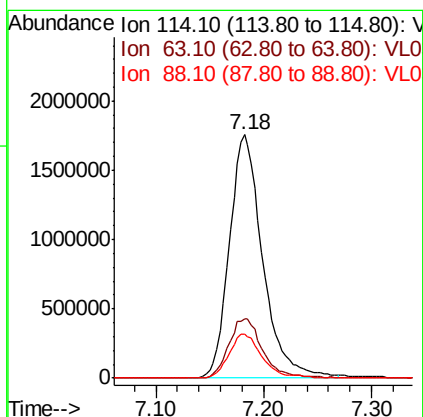
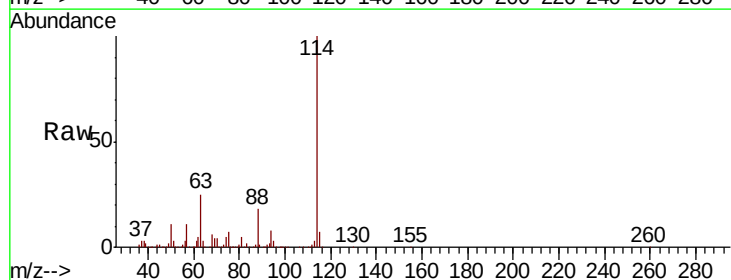
#30
Cvclohexane
Concen: 0.041 ppbv
RT: 7.14
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 14 Jun 2022 20:00

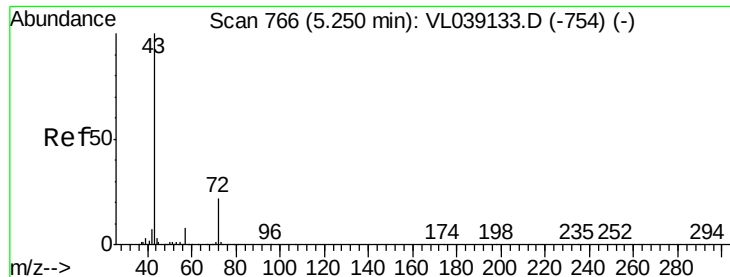
Tot Ion: 84 Resp: 4817
Ion Ratio Lower Upper
84 100
56 0.0 110.6 165.8#
41 316.7 68.9 103.3#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VL039288.D
Acq: 14 Jun 2022 20:06

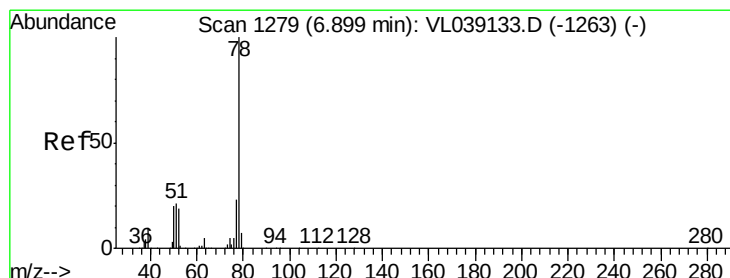
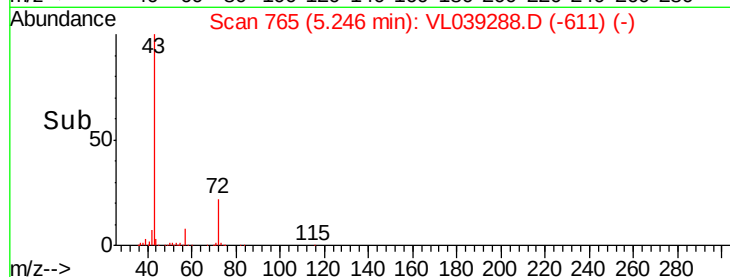
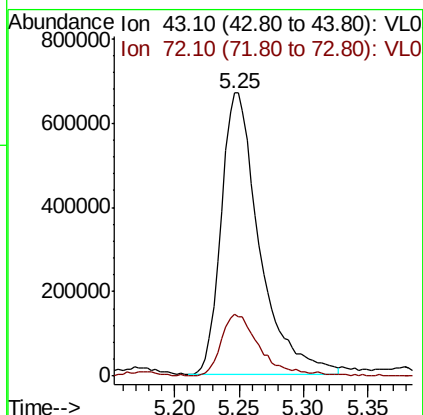
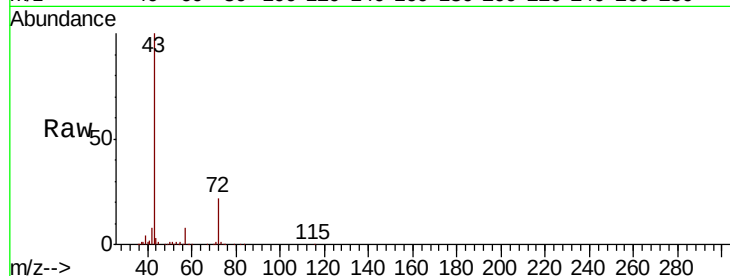
Tgt Ion: 114 Resp: 3775068
Ion Ratio Lower Upper
114 100
63 25.2 21.7 32.5
88 18.4 14.8 22.2





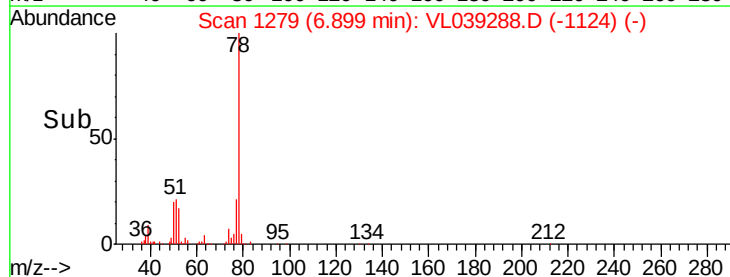
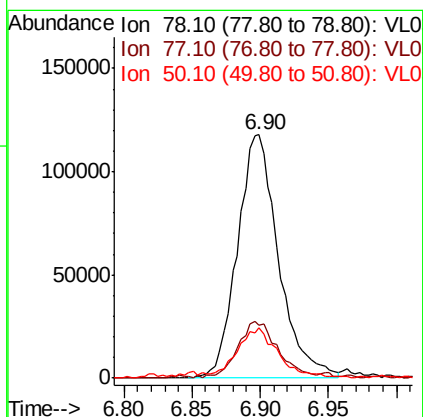
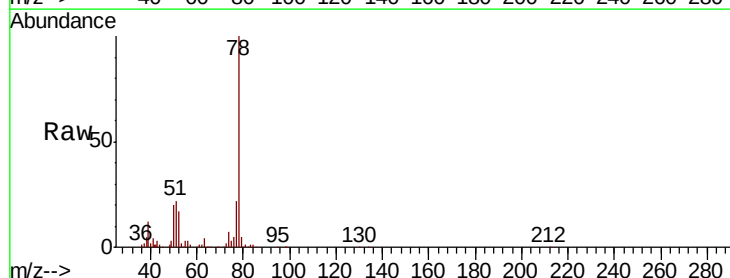
#34
2-Butanone
Concen: 6.719 ppbv
RT: 5.25
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 14 Jun 2022 20:00

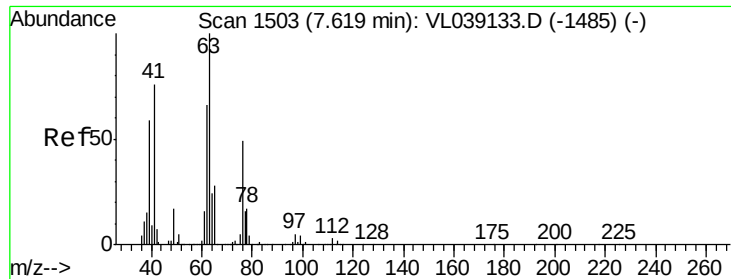
Tot Ion: 43 Resp: 1378073
Ion Ratio Lower Upper
43 100
72 22.6 18.2 27.2



#36
Benzene
Concen: 0.805 ppbv
RT: 6.90 min Scan# 1279
Delta R.T. -0.00 min
Lab File: VL039288.D
Acq: 14 Jun 2022 20:06

Tgt Ion: 78 Resp: 246842
Ion Ratio Lower Upper
78 100
77 21.2 18.6 27.8
50 19.7 15.8 23.8





#39

1,2-Dichloropropane

Concen: 7.663 ppbv

RT: 7.18 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 14 Jun 2022 20:00

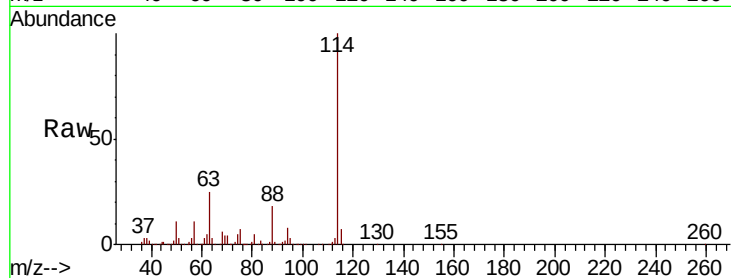
Tot Ion: 63 Resp: 934207

Ion Ratio Lower Upper

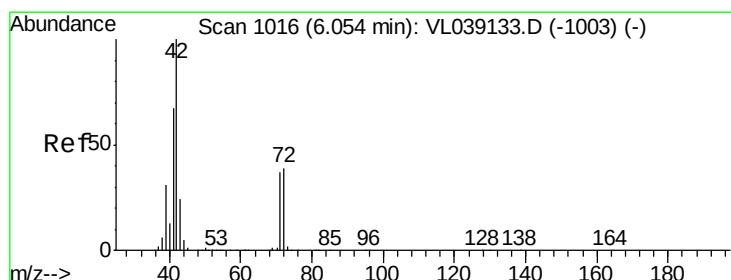
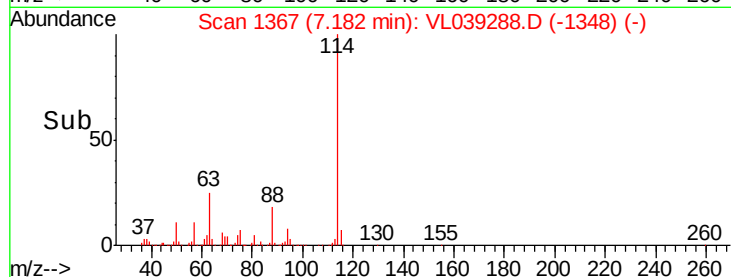
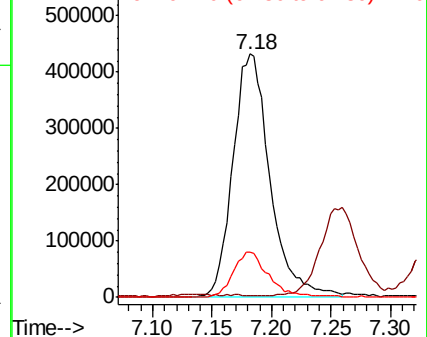
63 100

41 0.0 60.8 91.2#

62 18.5 52.9 79.3#



Abundance Ion 63.10 (62.80 to 63.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 62.10 (61.80 to 62.80): VL0



#41

Tetrahydrofuran

Concen: 3.387 ppbv

RT: 6.05 min Scan# 1016

Delta R.T. -0.00 min

Lab File: VL039288.D

Acq: 14 Jun 2022 20:06

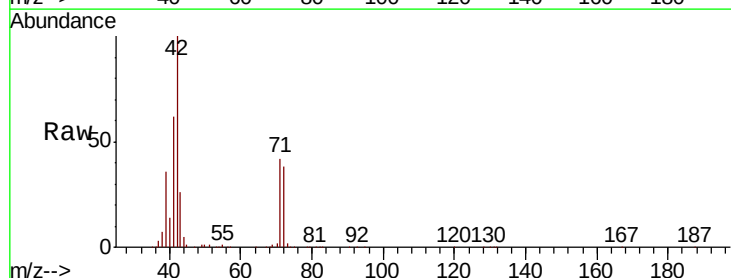
Tgt Ion: 42 Resp: 417756

Ion Ratio Lower Upper

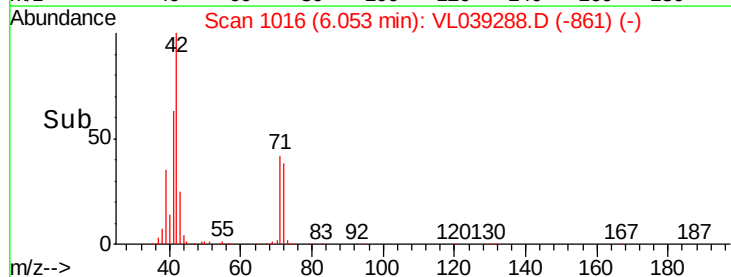
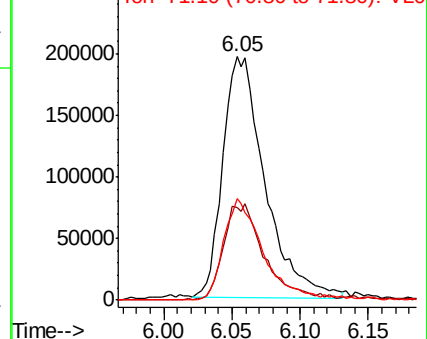
42 100

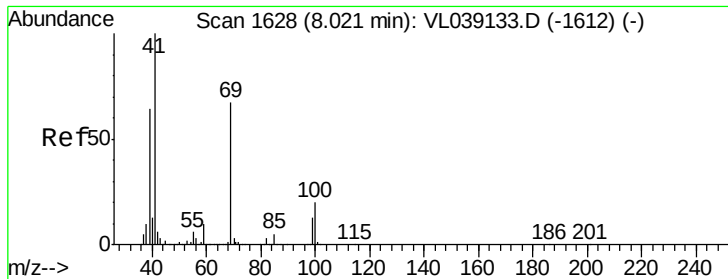
72 40.6 32.0 48.0

71 40.5 31.1 46.7



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





#43

Methyl Methacrylate

Concen: 0.042 ppbv

RT: 8.02 Instrument: MSVOA_1

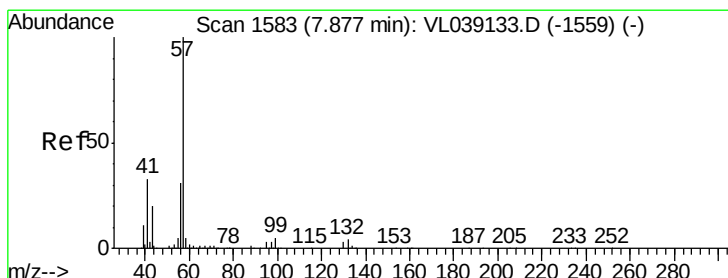
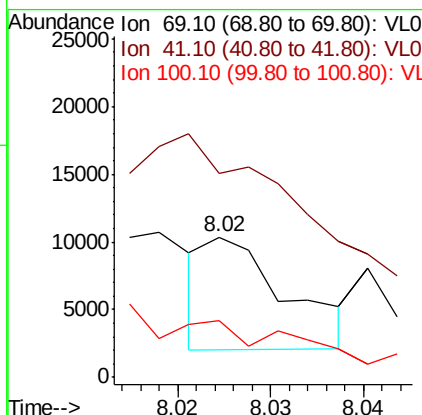
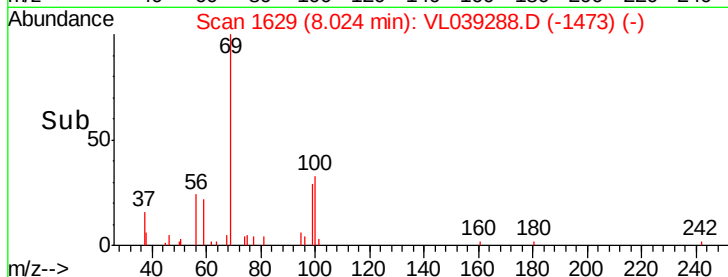
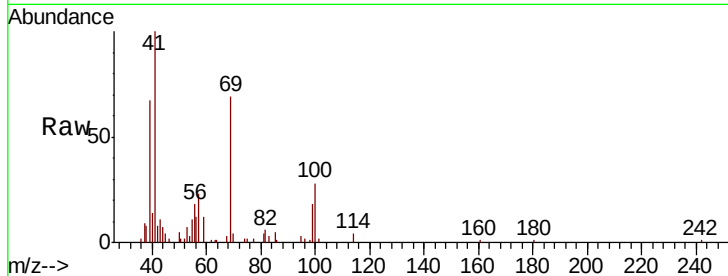
Delta R.T. ClientSampleId:

Lab File: SS-2

Acq: 14 Jun 2022 20:06

Tot Ion: 69 Resp: 5042

Ion	Ratio	Lower	Upper
69	100		
41	0.0	121.9	182.9#
100	0.0	24.1	36.1#



#44

2,2,4-Trimethylpentane

Concen: 16.866 ppbv

RT: 7.88 min Scan# 1583

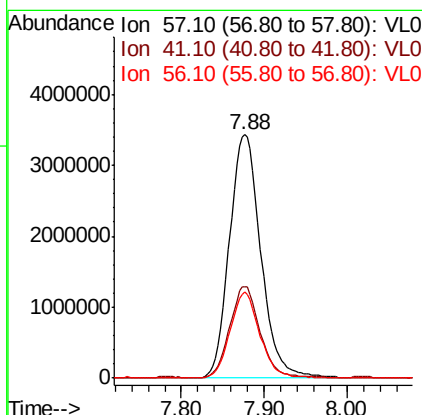
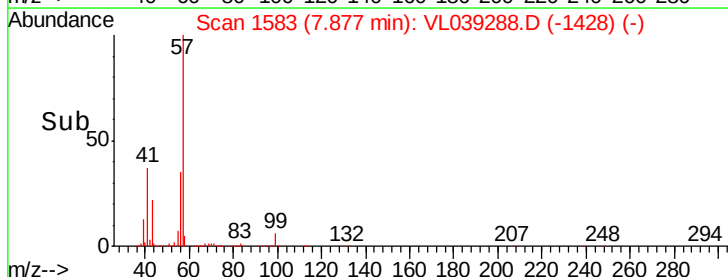
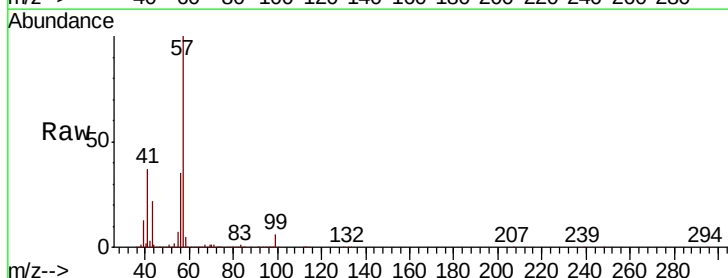
Delta R.T. -0.00 min

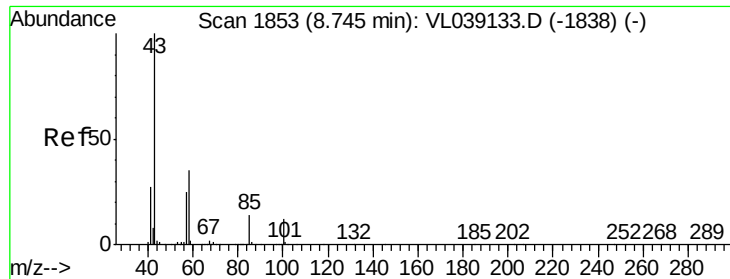
Lab File: VL039288.D

Acq: 14 Jun 2022 20:06

Tgt Ion: 57 Resp: 9042576

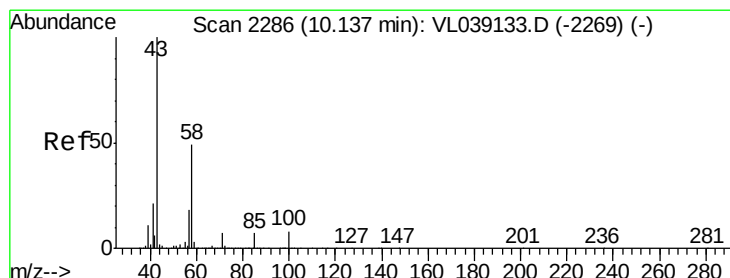
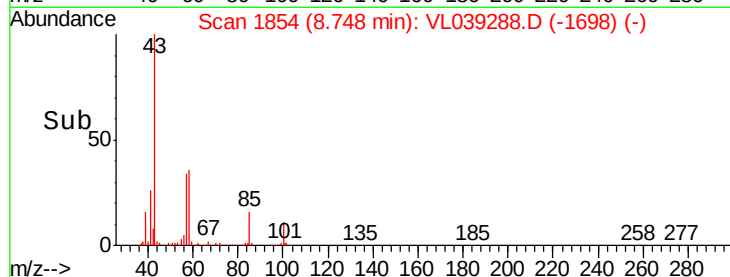
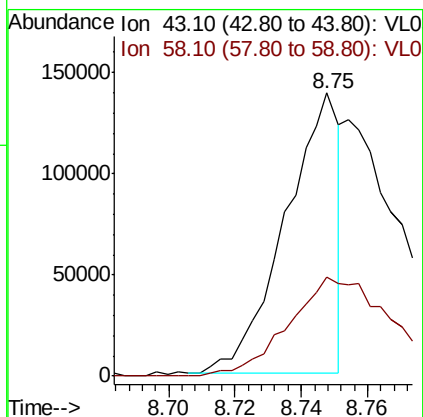
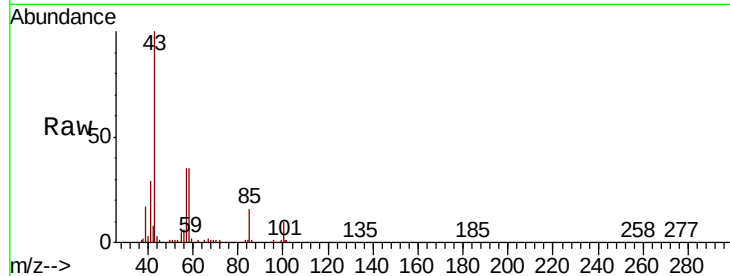
Ion	Ratio	Lower	Upper
57	100		
41	35.9	26.2	39.4
56	33.3	24.7	37.1





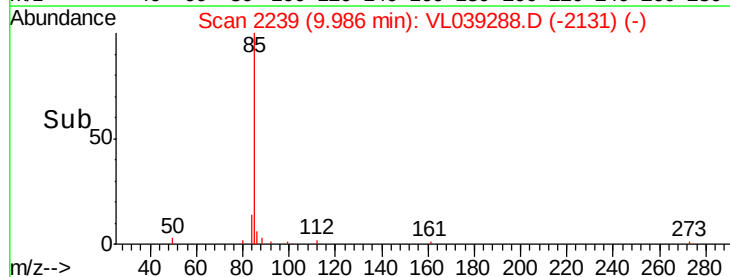
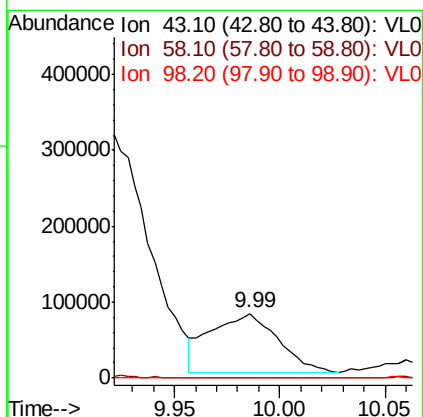
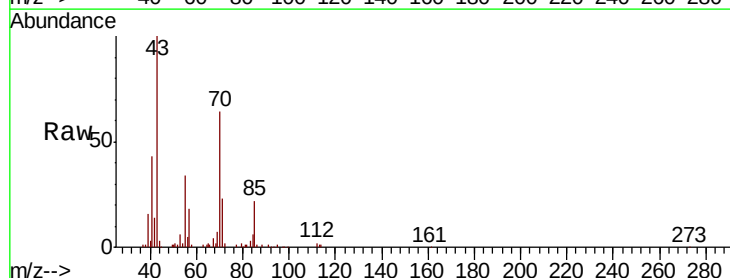
#50
4-Methyl-2-Pentanone
Concen: 0.510 ppbv
RT: 8.75
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 14 Jun 2022 20:00

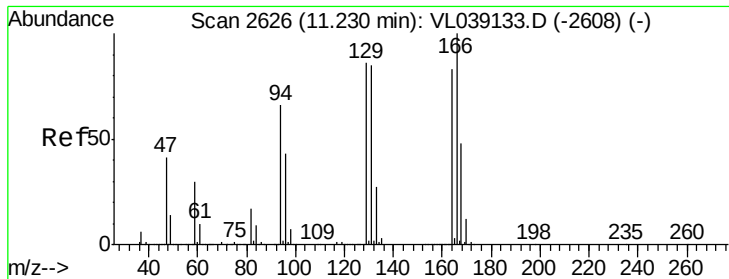
Tot Ion: 43 Resp: 156530
Ion Ratio Lower Upper
43 100
58 75.7 28.7 43.1#



#51
2-Hexanone
Concen: 0.730 ppbv
RT: 9.99 min Scan# 2239
Delta R.T. -0.15 min
Lab File: VL039288.D
Acq: 14 Jun 2022 20:06

Tgt Ion: 43 Resp: 174417
Ion Ratio Lower Upper
43 100
58 2.7 40.0 60.0#
98 1.0 0.1 0.1#





#52

Tetrachloroethene

Concen: 1.039 ppbv

RT: 11.23

Delta R.T. MSVOA_L

Lab File:

Acq: 14 Jun 2022 20:00

Tot Ion:164 Resp: 124323

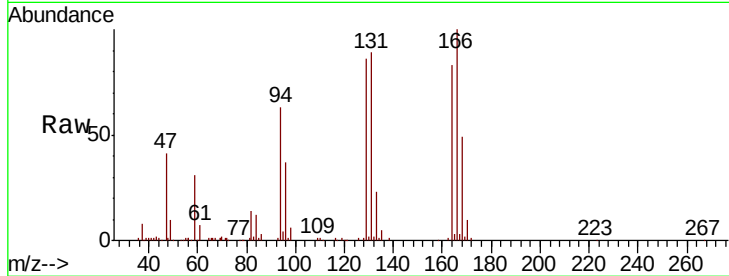
Ion Ratio Lower Upper

164 100

166 119.9 96.3 144.5

129 102.6 82.5 123.7

131 106.4 82.1 123.1

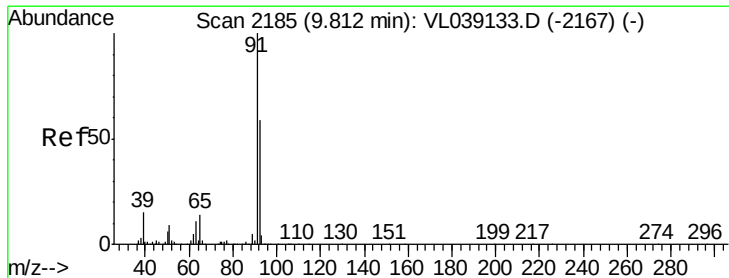
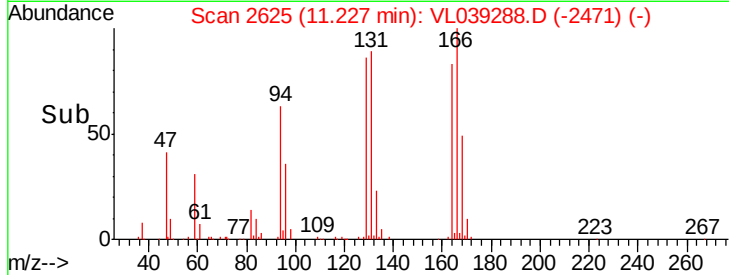
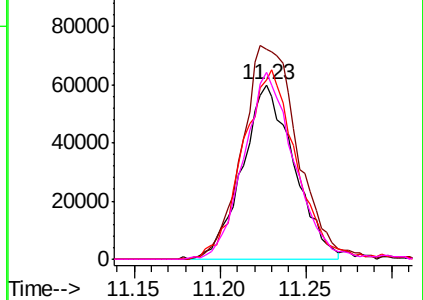


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 165.90 (165.60 to 166.60): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V



#53

Toluene

Concen: 0.941 ppbv

RT: 9.81 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VL039288.D

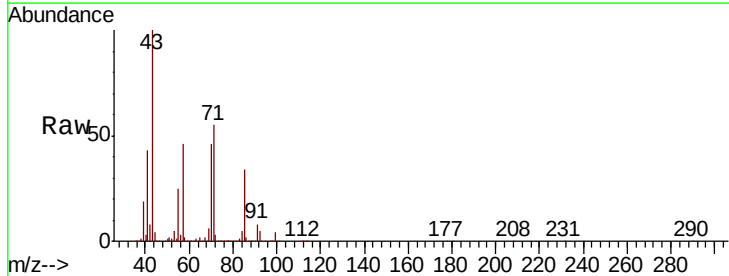
Acq: 14 Jun 2022 20:06

Tgt Ion: 91 Resp: 331991

Ion Ratio Lower Upper

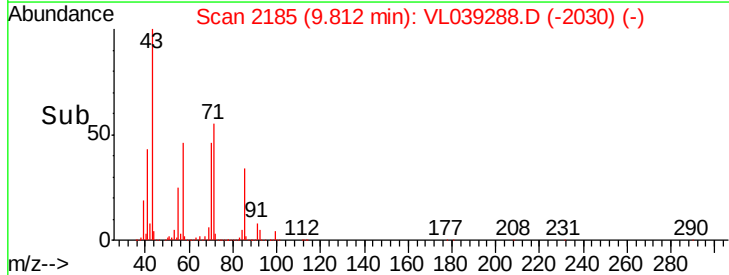
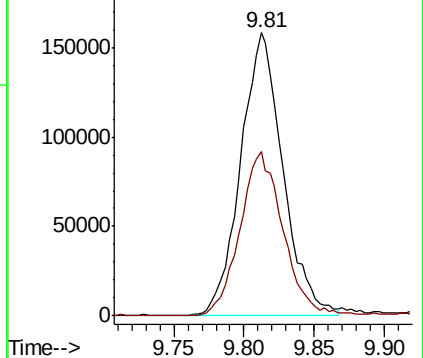
91 100

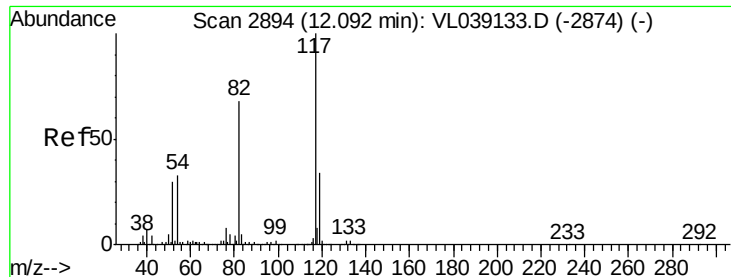
92 59.3 48.1 72.1



Abundance Ion 91.10 (90.80 to 91.80): VL0

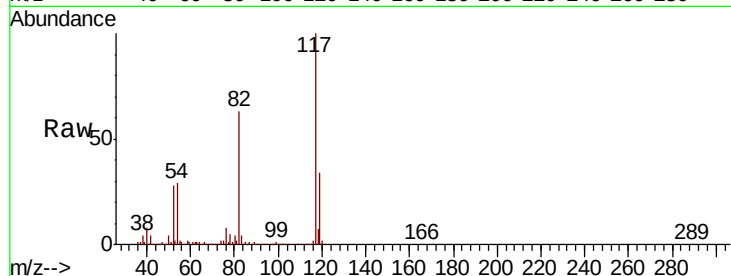
Ion 92.10 (91.80 to 92.80): VL0



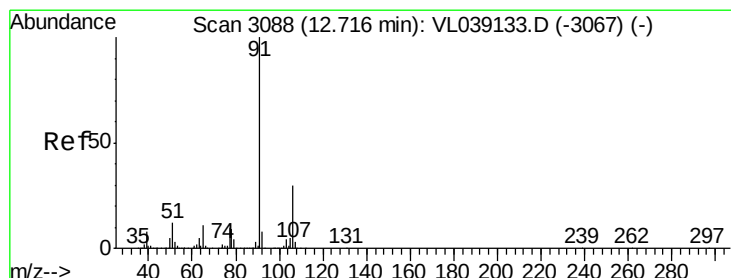
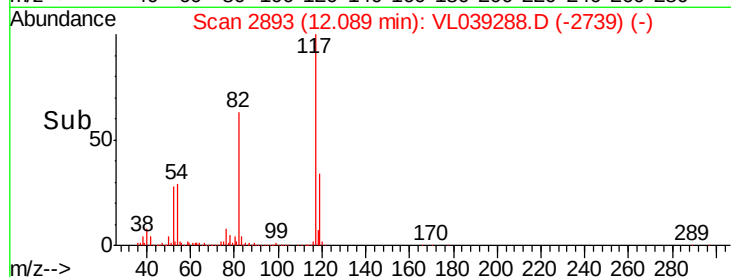
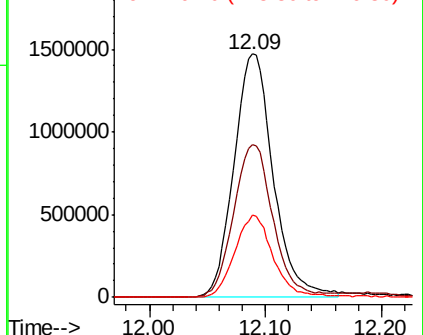


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 14 Jun 2022 20:00

Tot Ion: 117 Resp: 3459567
Ion Ratio Lower Upper
117 100
82 63.3 55.1 82.7
119 33.6 24.7 37.1

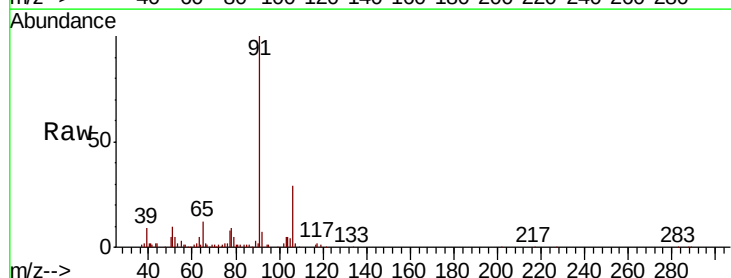


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V

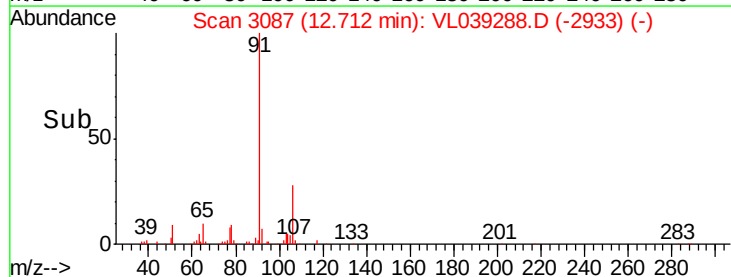
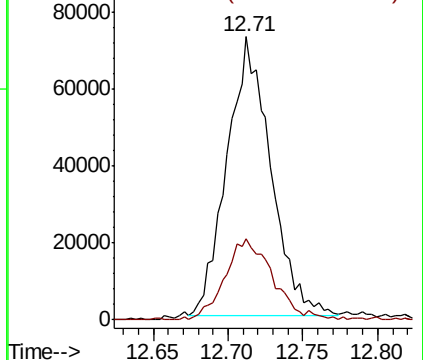


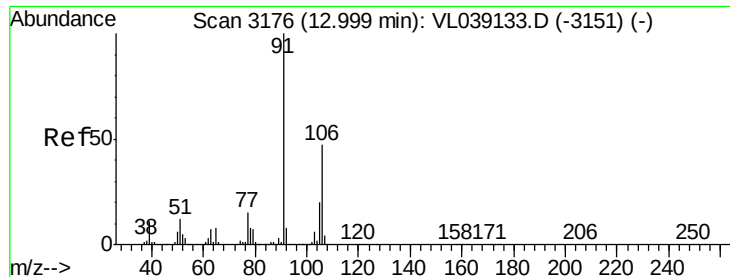
#58
Ethyl Benzene
Concen: 0.307 ppbv
RT: 12.71 min Scan# 3087
Delta R.T.: -0.00 min
Lab File: VL039288.D
Acq: 14 Jun 2022 20:06

Tgt Ion: 91 Resp: 146308
Ion Ratio Lower Upper
91 100
106 29.0 24.2 36.4



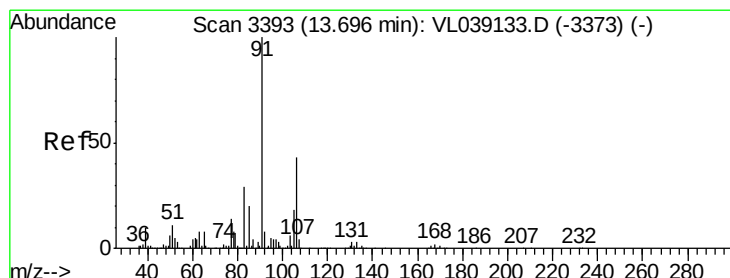
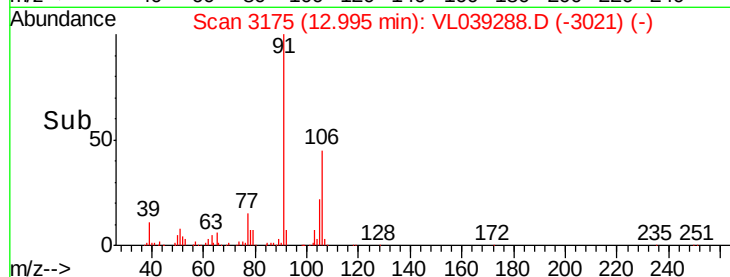
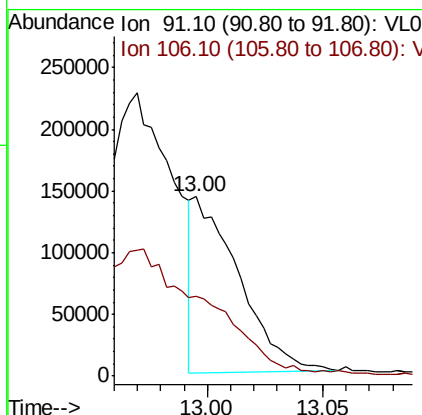
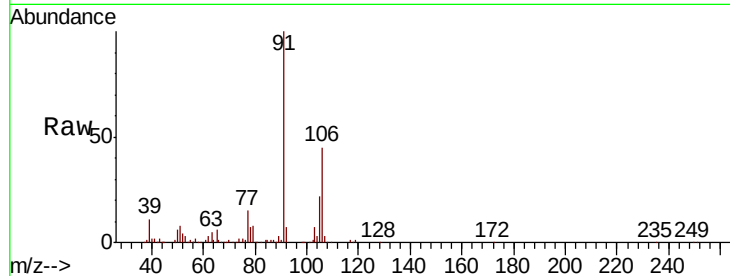
Abundance Ion 91.10 (90.80 to 91.80): VL0
Ion 106.10 (105.80 to 106.80): V





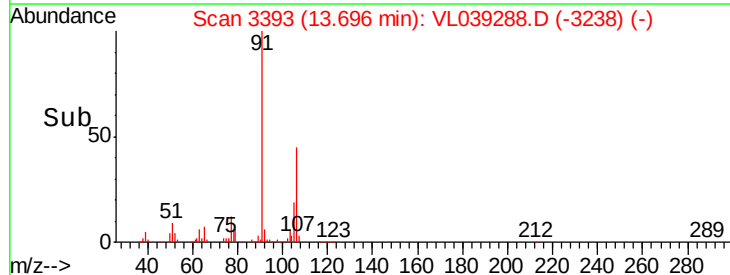
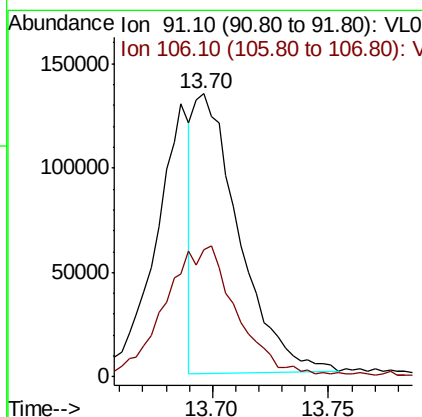
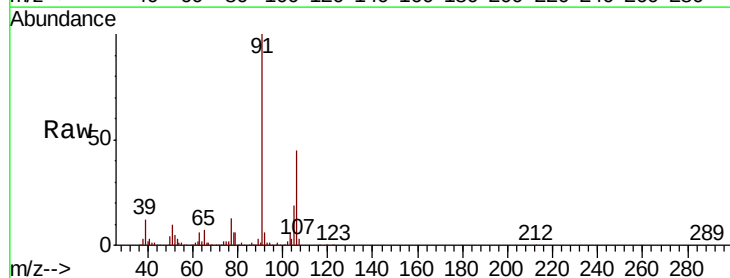
#59
m/p-Xylene
Concen: 0.463 ppbv
RT: 13.00
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 14 Jun 2022 20:00

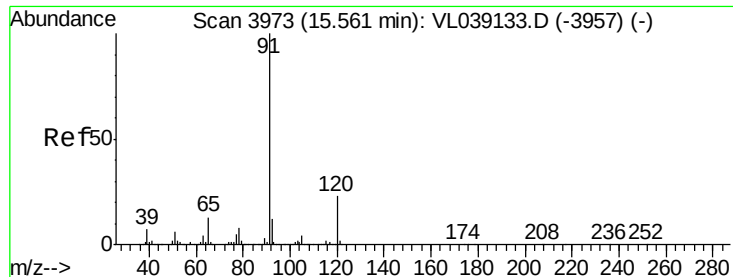
Tot Ion: 91 Resp: 194251
Ion Ratio Lower Upper
91 100
106 0.0 34.3 51.5#



#60
o-Xylene
Concen: 0.456 ppbv
RT: 13.70 min Scan# 3393
Delta R.T. -0.00 min
Lab File: VL039288.D
Acq: 14 Jun 2022 20:00

Tgt Ion: 91 Resp: 180002
Ion Ratio Lower Upper
91 100
106 77.7 22.3 66.9#





#64

n-propylbenzene

Concen: 0.074 ppbv

RT: 15.56 min

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

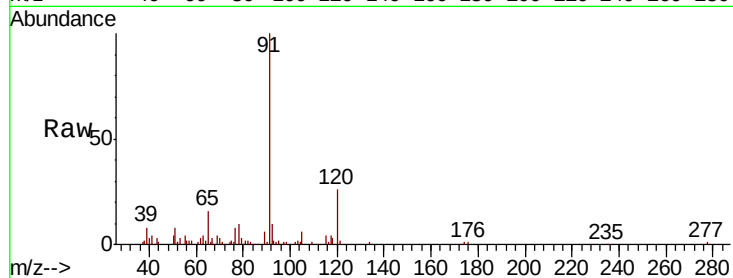
Acq: 14 Jun 2022 20:00

Tot Ion:120 Resp: 10594

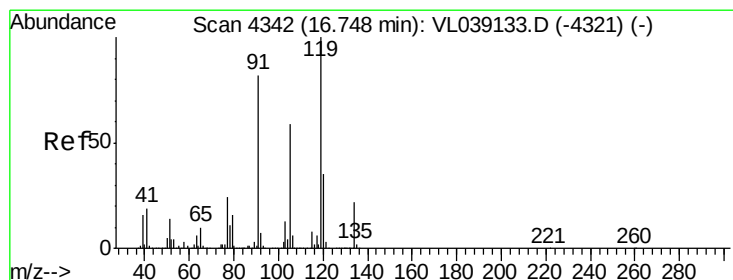
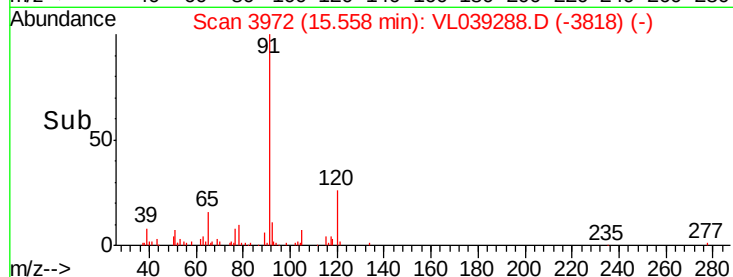
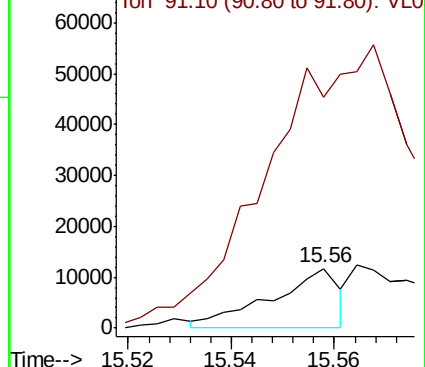
Ion Ratio Lower Upper

120 100

91 0.0 388.4 582.6#



Abundance Ion 120.20 (119.90 to 120.90): V



#65

tert-Butylbenzene

Concen: 0.082 ppbv

RT: 16.76 min Scan# 4346

Delta R.T. 0.01 min

Lab File: VL039288.D

Acq: 14 Jun 2022 20:06

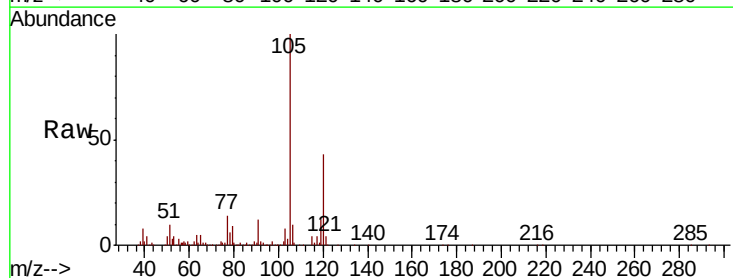
Tgt Ion:119 Resp: 43687

Ion Ratio Lower Upper

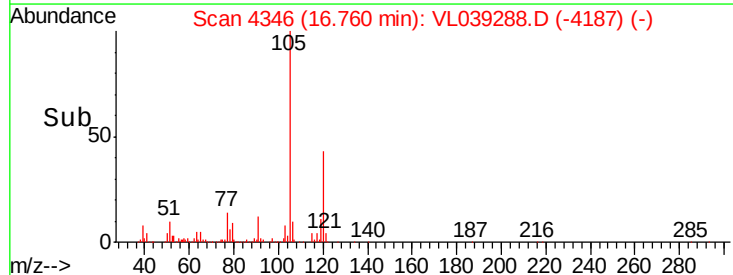
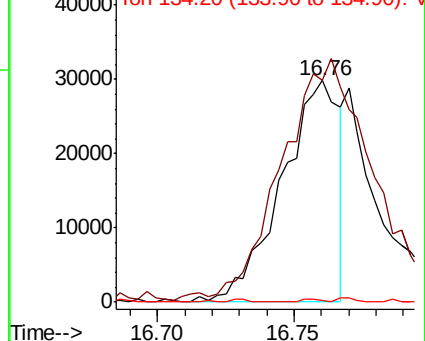
119 100

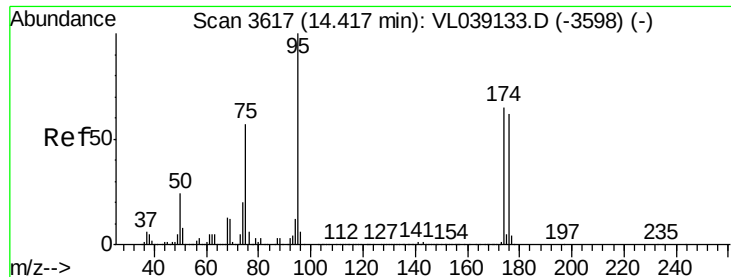
91 184.4 67.1 100.7#

134 0.0 15.8 23.8#



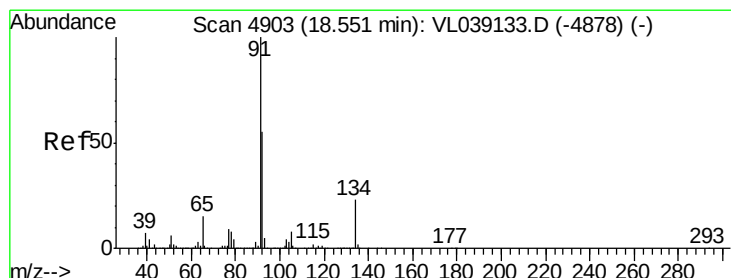
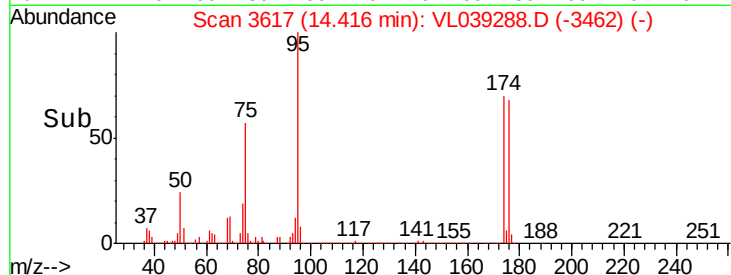
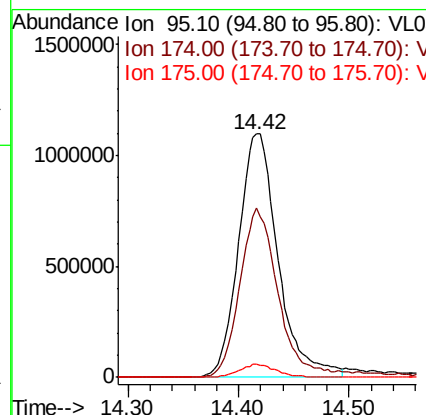
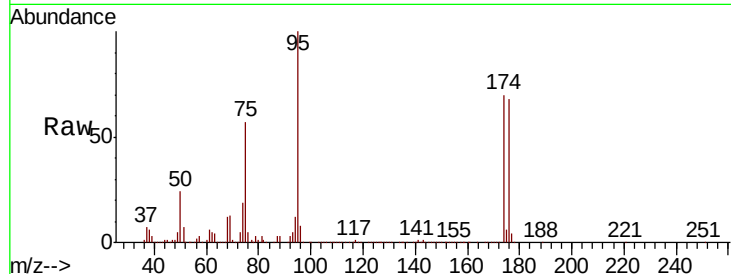
Abundance Ion 119.20 (118.90 to 119.90): V





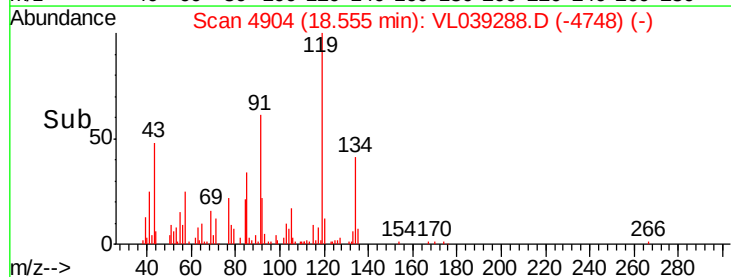
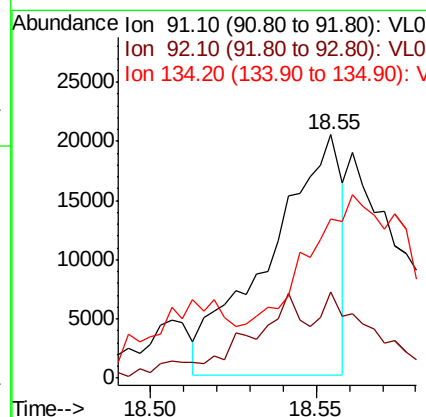
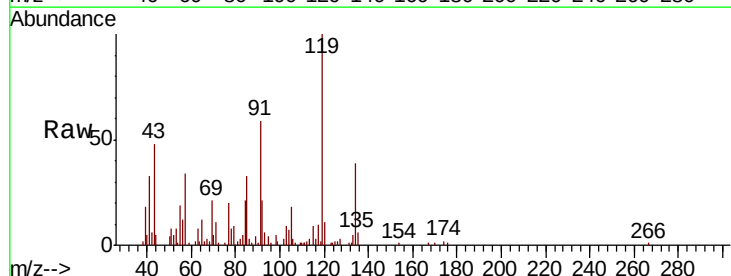
#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.538 ppbv
 RT: 14.42
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 SS-2
 Acq: 14 Jun 2022 20:00

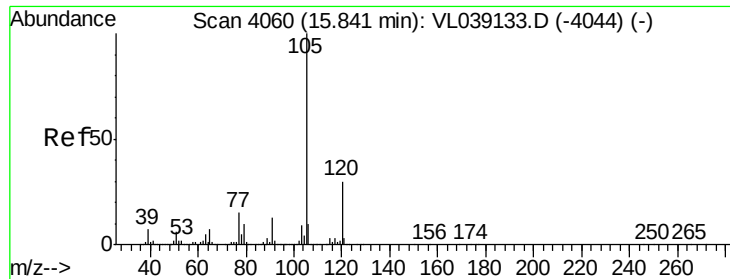
Tot Ion: 95 Resp: 2727895
 Ion Ratio Lower Upper
 95 100
 174 70.9 53.8 80.8
 175 5.2 4.1 6.1



#70
 n-Butylbenzene
 Concen: 0.049 ppbv
 RT: 18.55 min Scan# 4904
 Delta R.T. 0.00 min
 Lab File: VL039288.D
 Acq: 14 Jun 2022 20:06

Tgt Ion: 91 Resp: 30881
 Ion Ratio Lower Upper
 91 100
 92 63.2 43.6 65.4
 134 0.0 17.7 26.5#





#72

4-Ethyltoluene

Concen: 0.403 ppbv

RT: 15.84

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 14 Jun 2022 20:00

Tot Ion:105 Resp: 186276

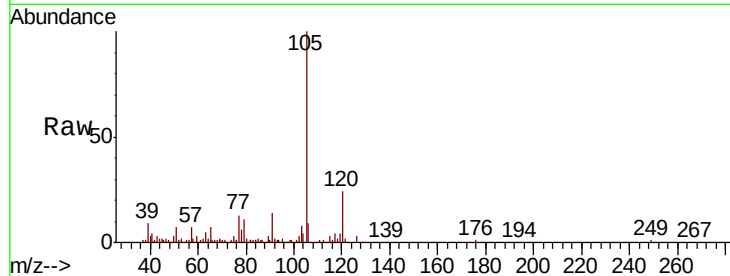
Ion Ratio Lower Upper

105 100

120 33.8 23.9 35.9

91 17.7 10.6 16.0

77 17.2 11.7 17.5

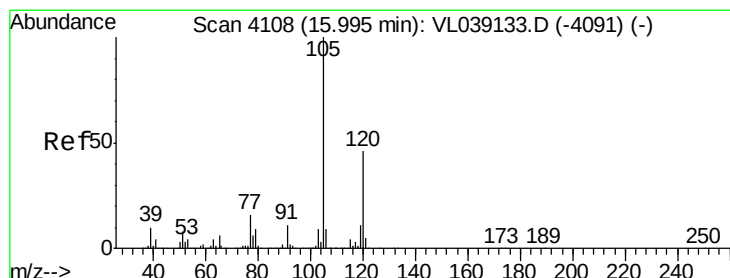
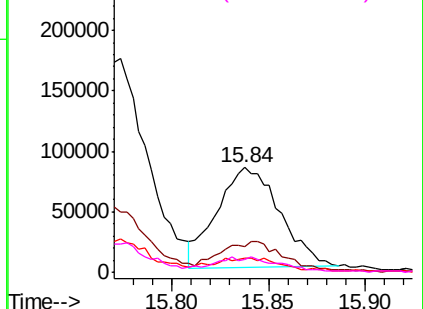
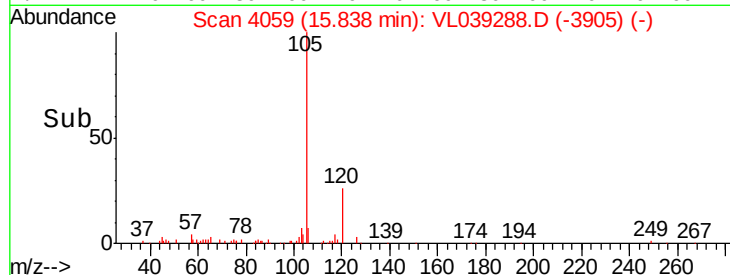


Abundance Ion 105.10 (104.80 to 105.80): V

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: 0.206 ppbv

RT: 15.99 min Scan# 4107

Delta R.T. -0.00 min

Lab File: VL039288.D

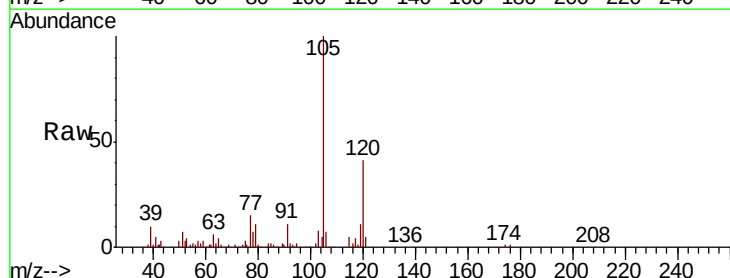
Acq: 14 Jun 2022 20:06

Tgt Ion:105 Resp: 85844

Ion Ratio Lower Upper

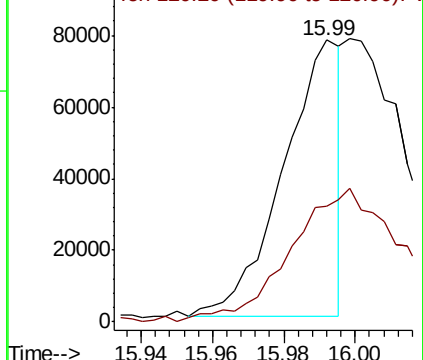
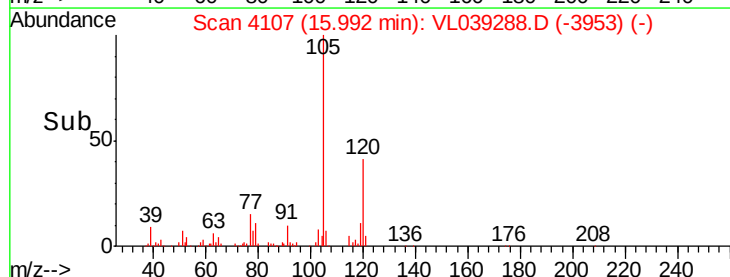
105 100

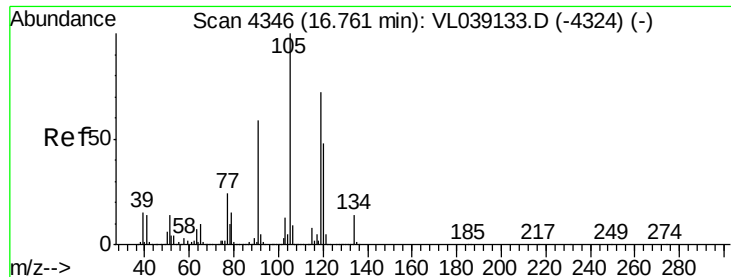
120 40.5 36.7 55.1



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V





#74
 1,2,4-Trimethylbenzene
 Concen: 1.333 ppbv
 RT: 16.76
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 SS-2
 Acq: 14 Jun 2022 20:00

Tot Ion:	105	Resp:	620143
Ion Ratio	Lower	Upper	
105	100		
120	43.3	38.1	57.1
91	11.4	47.4	71.0#
77	13.9	19.5	29.3#

