

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL071222\
 Data File : VL039456.D
 Acq On : 12 Jul 2022 20:13
 Operator : SY/AP
 Sample : N3660-07 2X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-6

Quant Time: Jul 13 01:37:54 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul 06 02:15:38 2022
 QLast Update : Wed Jul 06 02:15:38 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1505533	10.00	ppbv	0.03
33) 1,4-Difluorobenzene	7.19	114	4199229	10.00	ppbv	0.04
55) Chlorobenzene-d5	12.10	117	3726810	10.00	ppbv	0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	2889529	10.45	ppbv	0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.50%

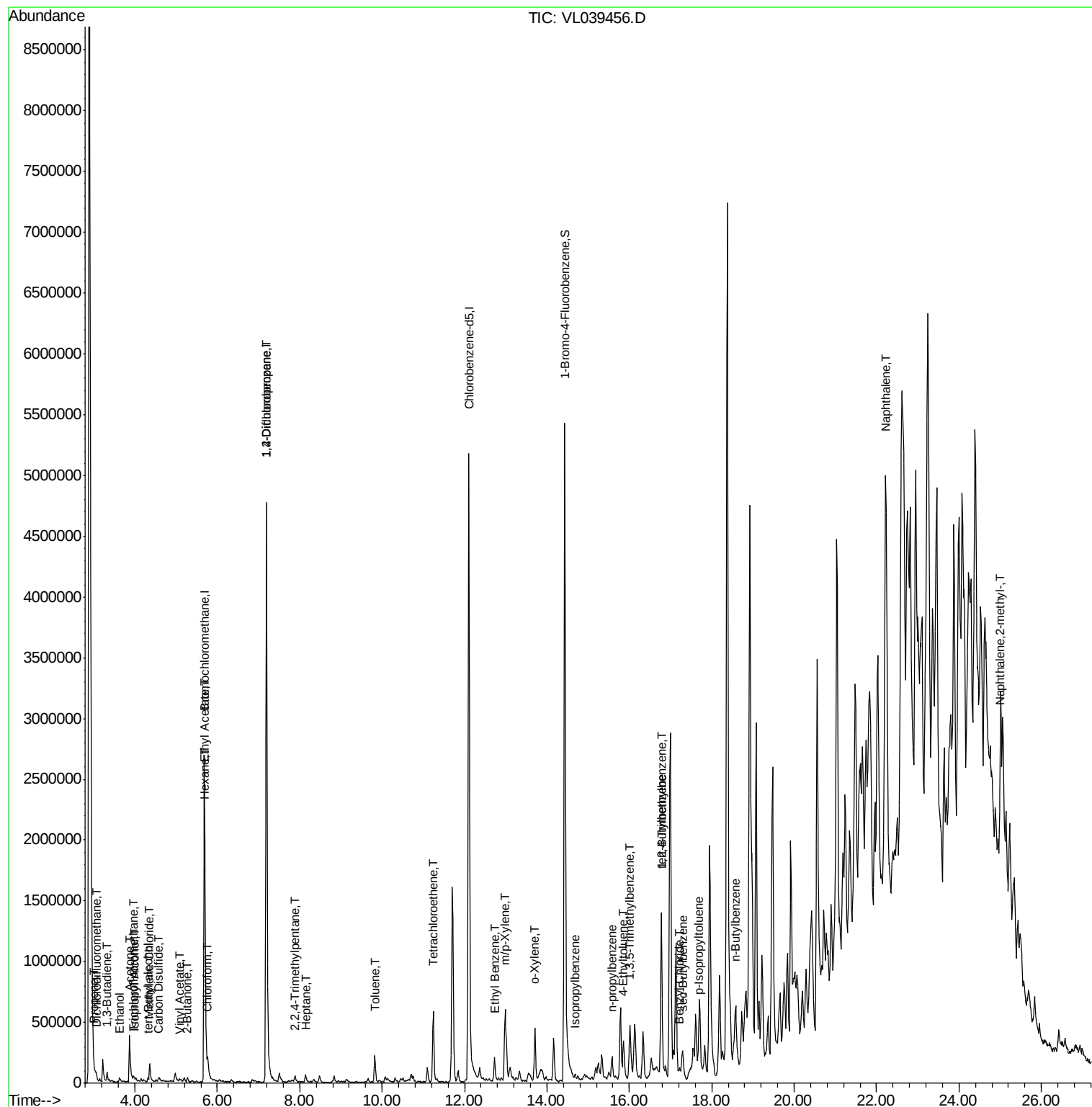
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	3.06	85	53060	0.24	ppbv	98
9) Propene	3.02	41	4232	0.05	ppbv #	15
10) Heptane	8.14	43	19064	0.09	ppbv #	27
11) Trichlorofluoromethane	3.96	101	13830	0.06	ppbv	94
13) Ethanol	3.62	45	33994	6.79	ppbv	81
15) Acetone	3.87	43	486382	2.73	ppbv #	88
16) 1,3-Butadiene	3.33	39	24037	0.26	ppbv #	16
17) tert-Butyl alcohol	4.32	59	15008	0.10	ppbv #	61
19) Isopropyl Alcohol	3.99	45	8556	0.09	ppbv #	88
20) Methylene Chloride	4.36	84	27605	0.39	ppbv	96
23) Vinyl Acetate	5.08	43	8953	0.08	ppbv #	59
25) Ethyl Acetate	5.70	43	77031	0.21	ppbv #	80
26) Hexane	5.71	57	46410	0.32	ppbv #	36
27) Carbon Disulfide	4.57	76	11417	0.06	ppbv #	1
29) Chloroform	5.77	83	87612	0.34	ppbv	99
34) 2-Butanone	5.27	43	20329	0.10	ppbv #	53
39) 1,2-Dichloropropane	7.19	63	1020078	8.40	ppbv #	24
44) 2,2,4-Trimethylpentane	7.89	57	36928	0.07	ppbv #	78
52) Tetrachloroethene	11.24	164	159484	1.22	ppbv	91
53) Toluene	9.83	91	157043	0.42	ppbv	100
58) Ethyl Benzene	12.73	91	174819	0.36	ppbv	97
59) m/p-Xylene	13.00	91	305195	0.72	ppbv #	32
60) o-Xylene	13.71	91	351667	0.88	ppbv	98
62) Isopropylbenzene	14.69	105	25264	0.04	ppbv #	72
64) n-propylbenzene	15.58	120	16663	0.11	ppbv #	1
65) tert-Butylbenzene	16.77	119	68890	0.12	ppbv #	19
66) Benzyl Chloride	17.20	91	2328	0.04	ppbv #	92
67) sec-Butylbenzene	17.31	105	29978	0.04	ppbv #	63
69) p-Isopropyltoluene	17.67	119	33483	0.05	ppbv #	30
70) n-Butylbenzene	18.57	91	133194	0.21	ppbv #	35
72) 4-Ethyltoluene	15.86	105	225969	0.48	ppbv	98
73) 1,3,5-Trimethylbenzene	16.01	105	166918	0.38	ppbv	97
74) 1,2,4-Trimethylbenzene	16.78	105	1043630	2.17	ppbv #	70
79) Naphthalene	22.23	128	16651	0.05	ppbv #	82
80) Naphthalene,2-methyl-	24.99	142	15755	0.14	ppbv #	70

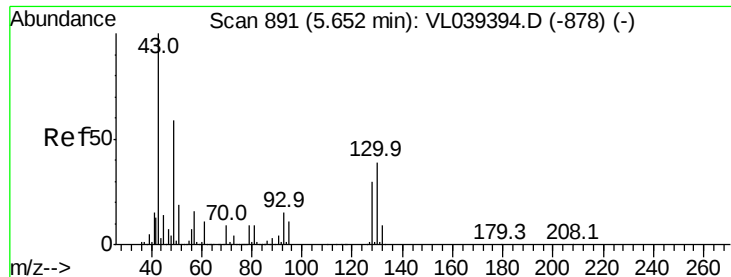
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_L\DATA\VL071222\
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Acq On : 12 Jul 2022 20:13
Operator : SY/AP
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Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M
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QLast Update : Wed Jul 06 02:15:38 2022
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.68 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: SG-6

Acq: 12 Jul 2022 20:13

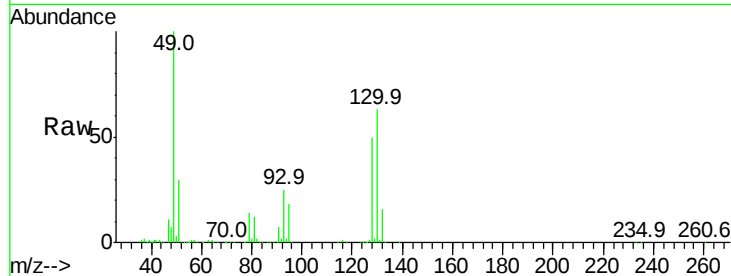
Tgt Ion: 49 Resp: 1505533

Ion Ratio Lower Upper

49 100

128 51.6 26.7 80.0

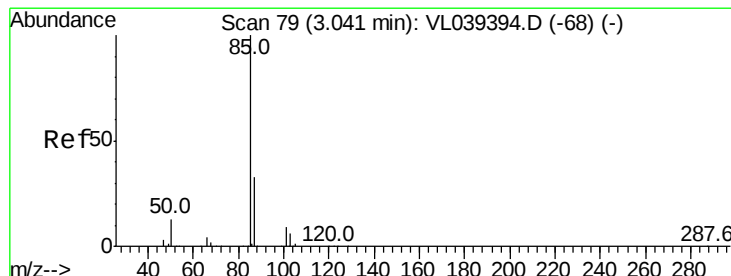
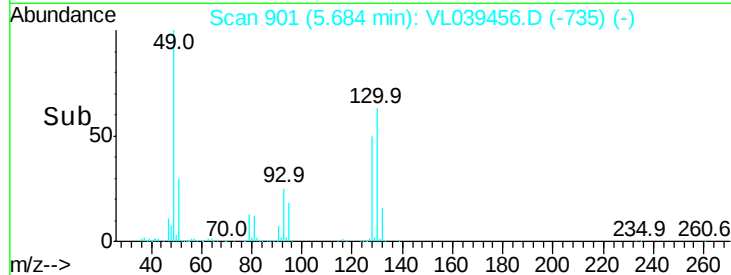
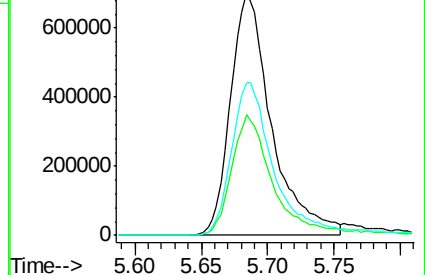
130 67.4 34.3 102.8



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#2

Dichlorodifluoromethane

Concen: 0.24 ppbv

RT: 3.06 min Scan# 86

Delta R.T. 0.02 min

Lab File: VL039456.D

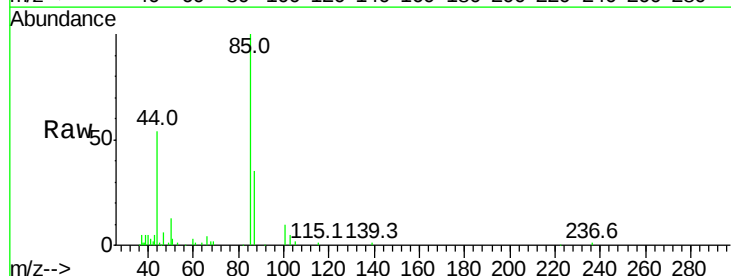
Acq: 12 Jul 2022 20:13

Tgt Ion: 85 Resp: 53060

Ion Ratio Lower Upper

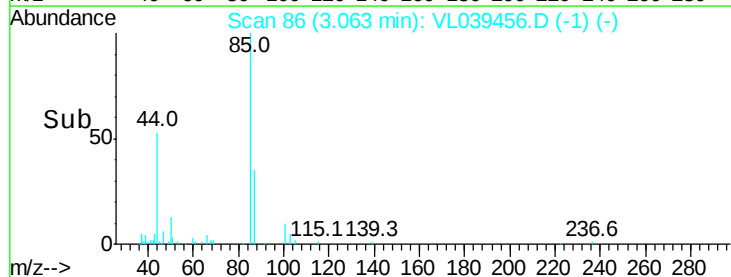
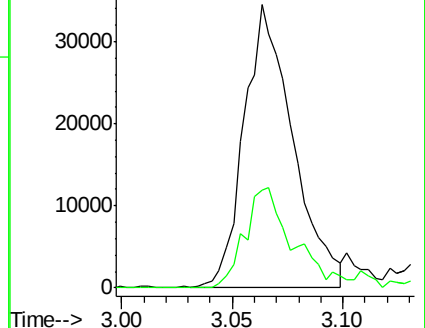
85 100

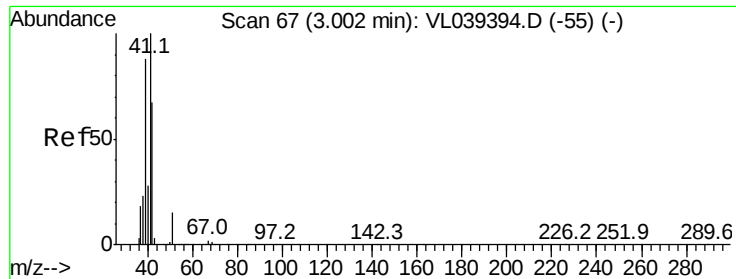
87 34.5 26.7 40.1



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#9

Propene

Concen: 0.05 ppbv

RT: 3.02 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: SG-6

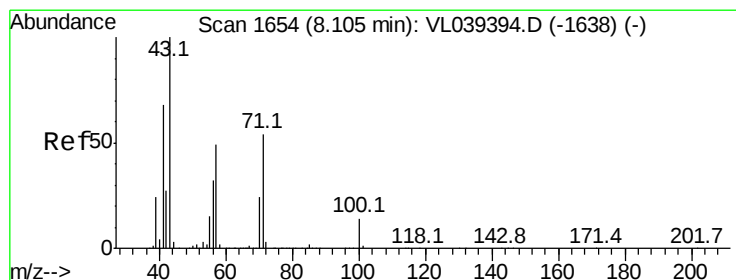
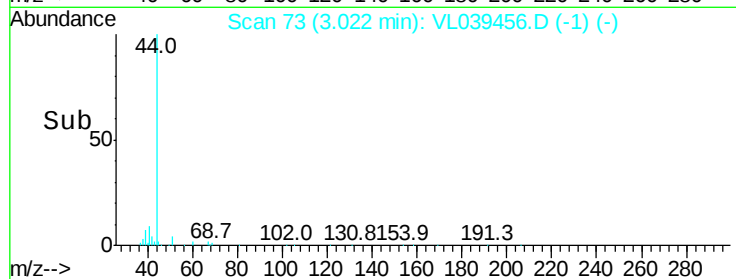
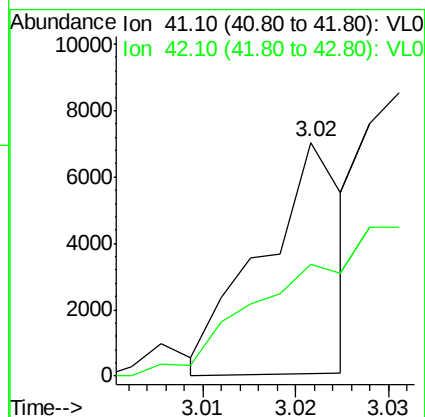
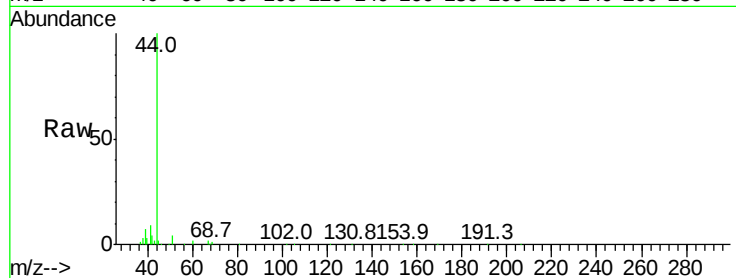
Acq: 12 Jul 2022 20:13

Tgt Ion: 41 Resp: 4232

Ion Ratio Lower Upper

41 100

42 0.0 55.2 82.8#



#10

Heptane

Concen: 0.09 ppbv

RT: 8.14 min Scan# 1665

Delta R.T. 0.04 min

Lab File: VL039456.D

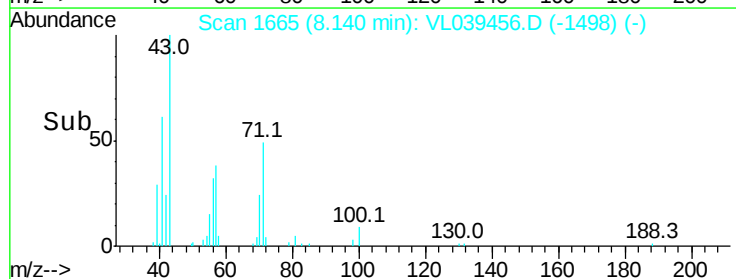
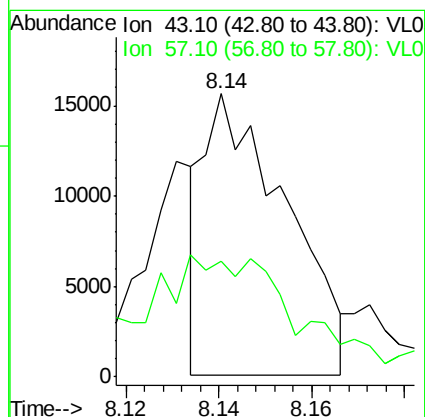
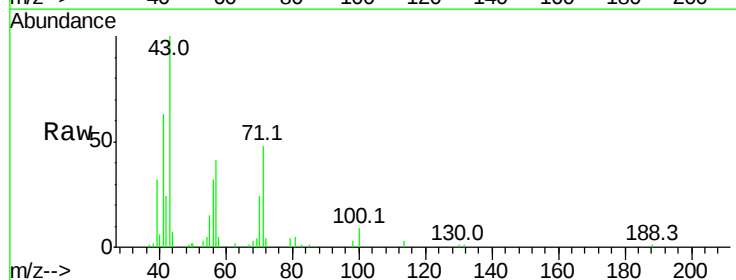
Acq: 12 Jul 2022 20:13

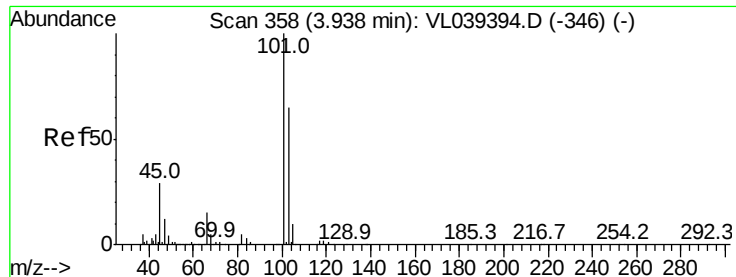
Tgt Ion: 43 Resp: 19064

Ion Ratio Lower Upper

43 100

57 0.0 40.5 60.7#





#11

Trichlorofluoromethane

Concen: 0.06 ppbv

RT: 3.96 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId :

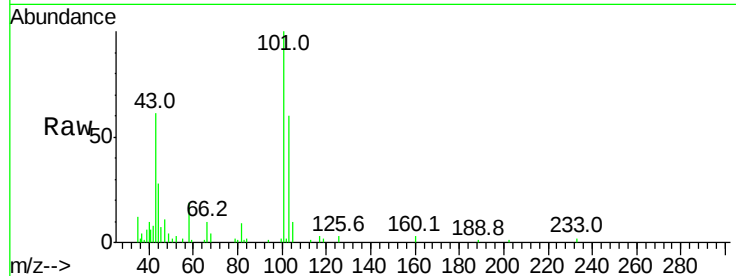
Acq: 12 Jul 2022 20:13

Tgt Ion:101 Resp: 13830

Ion Ratio Lower Upper

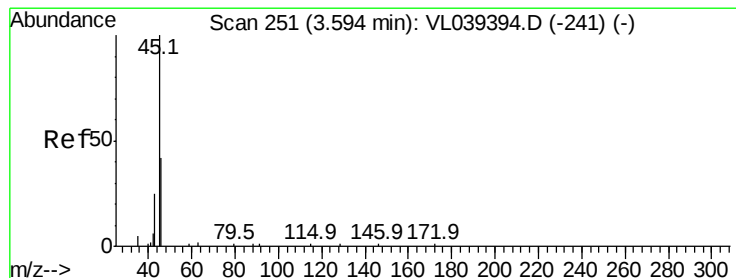
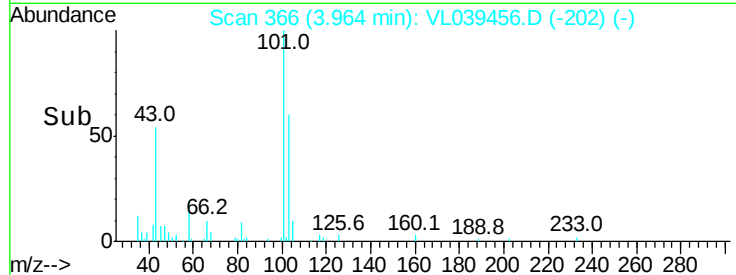
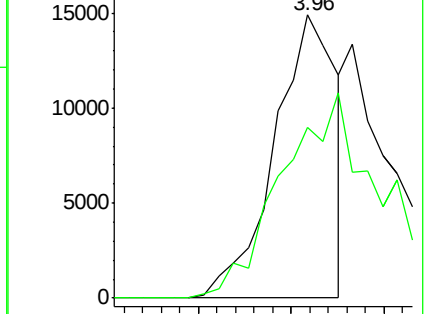
101 100

103 60.1 51.8 77.8



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#13

Ethanol

Concen: 6.79 ppbv

RT: 3.62 min Scan# 260

Delta R.T. 0.03 min

Lab File: VL039456.D

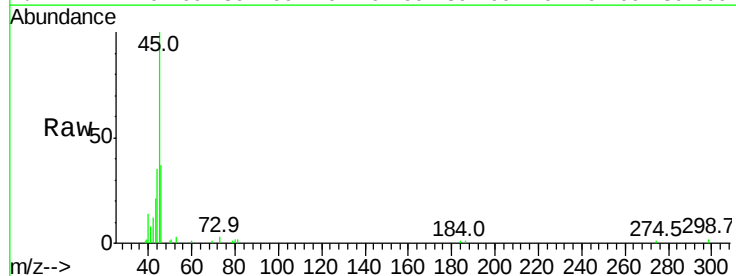
Acq: 12 Jul 2022 20:13

Tgt Ion: 45 Resp: 33994

Ion Ratio Lower Upper

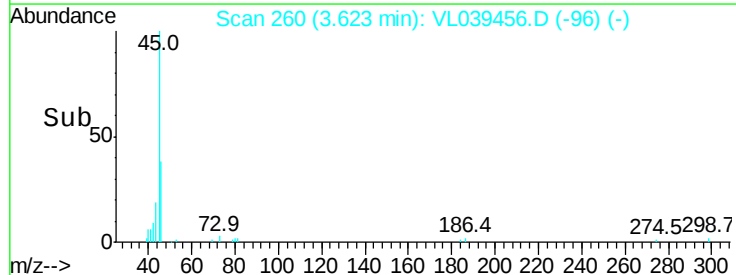
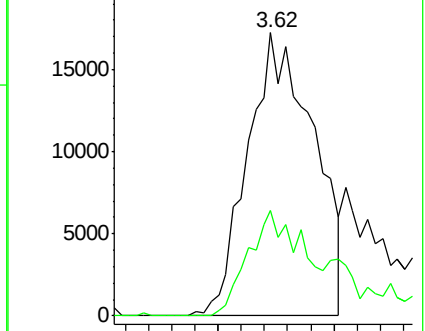
45 100

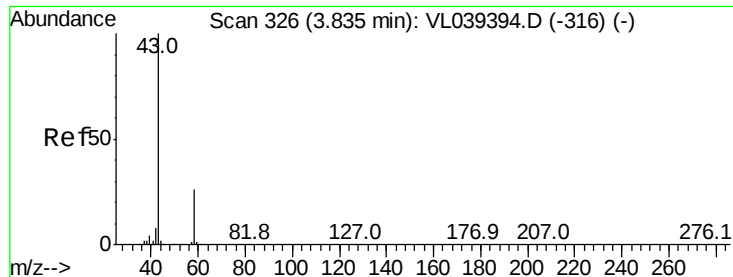
46 43.2 22.8 91.2



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





#15

Acetone

Concen: 2.73 ppbv

RT: 3.87

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

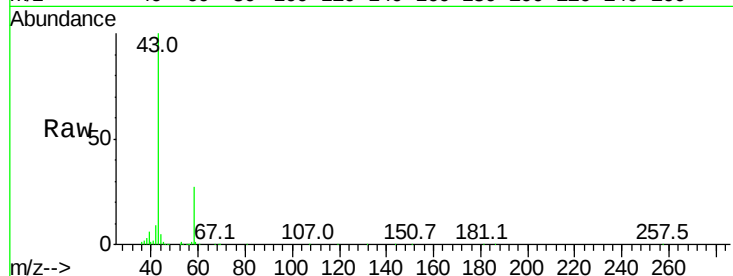
Acq: 12 Jul 2022 20:13

Tgt Ion: 43 Resp: 486382

Ion Ratio Lower Upper

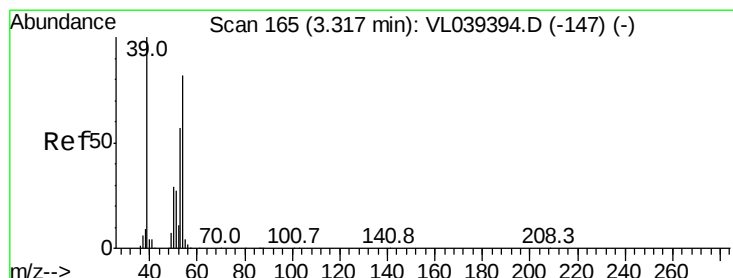
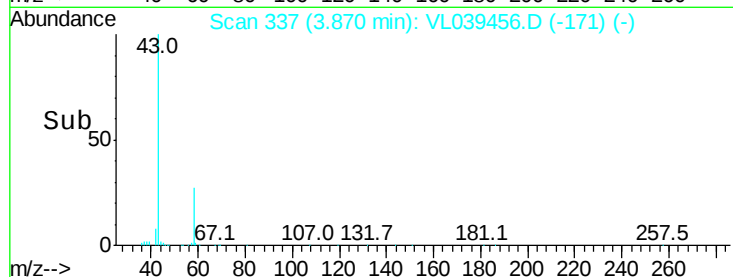
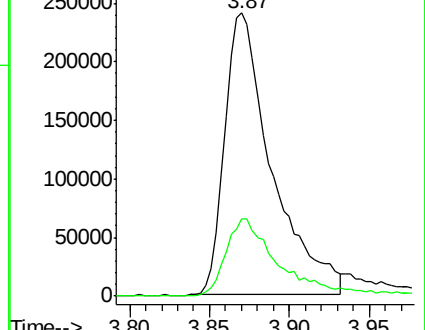
43 100

58 32.3 21.0 31.6#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#16

1,3-Butadiene

Concen: 0.26 ppbv

RT: 3.33 min Scan# 168

Delta R.T. 0.01 min

Lab File: VL039456.D

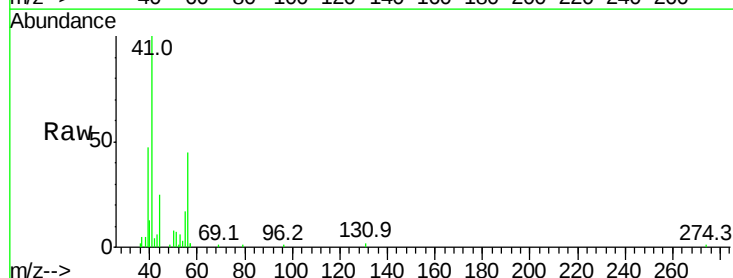
Acq: 12 Jul 2022 20:13

Tgt Ion: 39 Resp: 24037

Ion Ratio Lower Upper

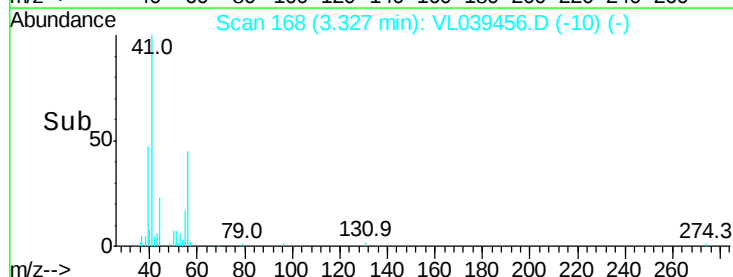
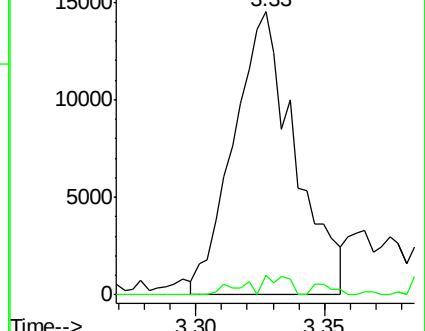
39 100

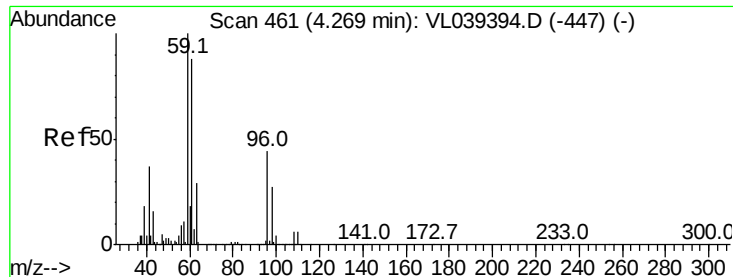
54 6.1 63.7 95.5#



Abundance Ion 39.10 (38.80 to 39.80): VL0

Ion 54.10 (53.80 to 54.80): VL0





#17

tert-Butyl alcohol

Concen: 0.10 ppbv

RT: 4.32 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

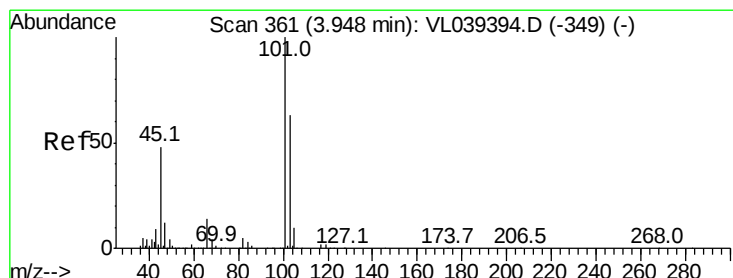
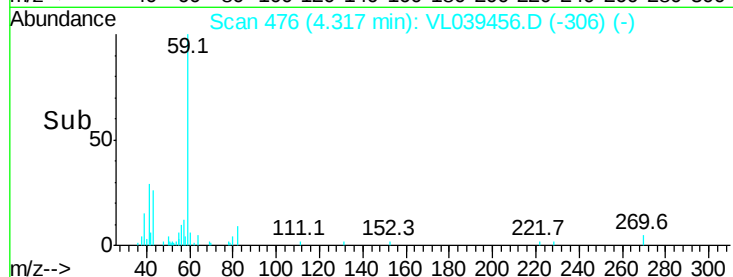
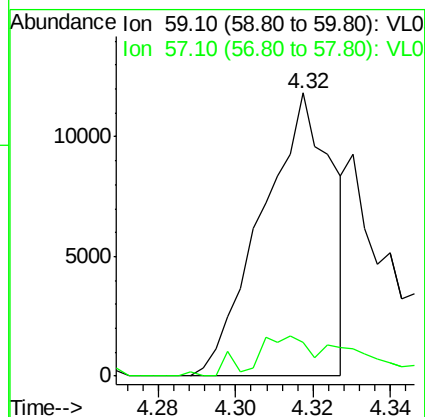
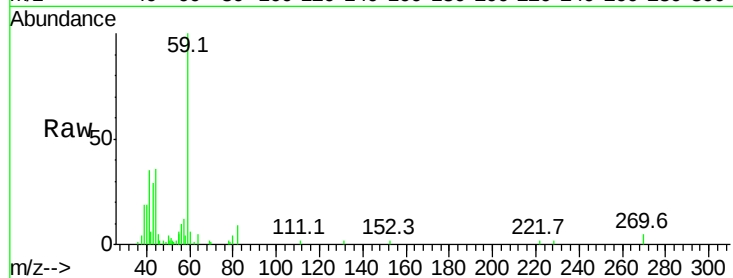
Acq: 12 Jul 2022 20:13 SG-6

Tgt Ion: 59 Resp: 15008

Ion Ratio Lower Upper

59 100

57 25.5 8.7 13.1#



#19

Isopropyl Alcohol

Concen: 0.09 ppbv

RT: 3.99 min Scan# 373

Delta R.T. 0.04 min

Lab File: VL039456.D

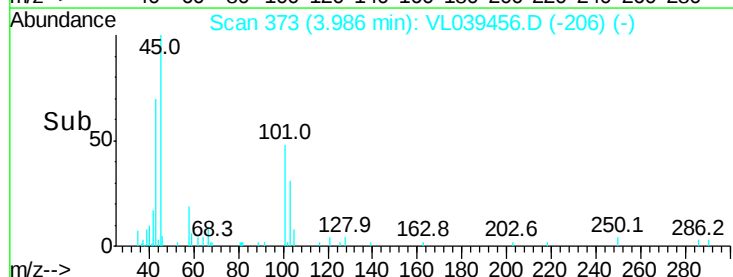
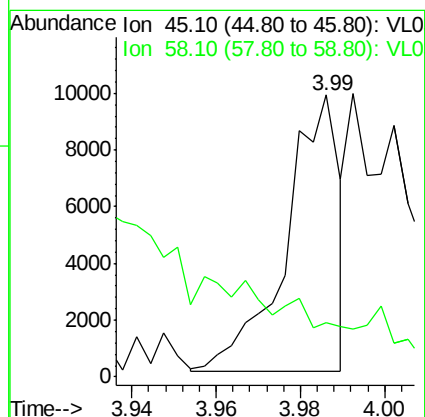
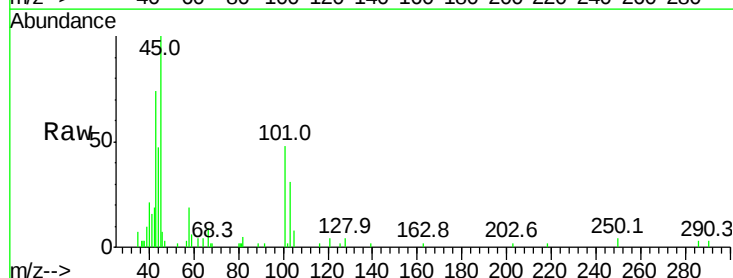
Acq: 12 Jul 2022 20:13

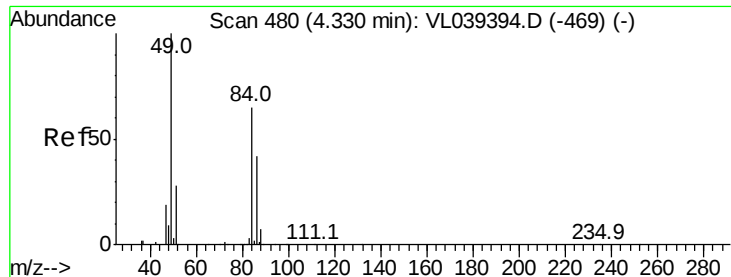
Tgt Ion: 45 Resp: 8556

Ion Ratio Lower Upper

45 100

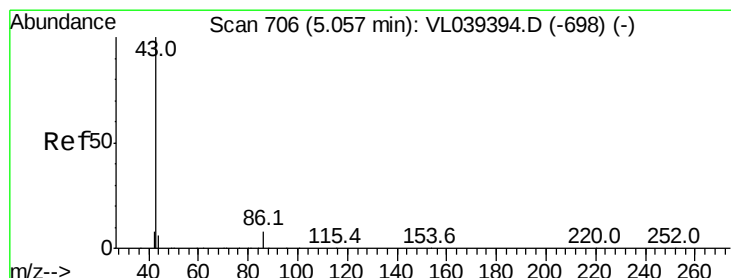
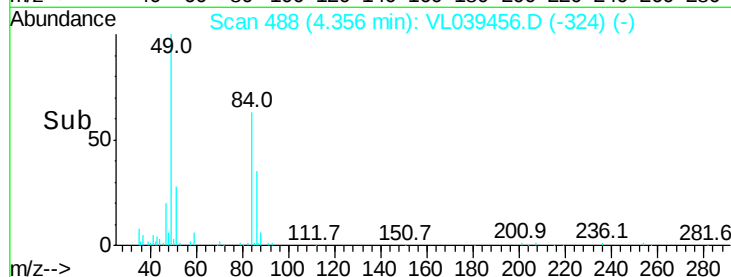
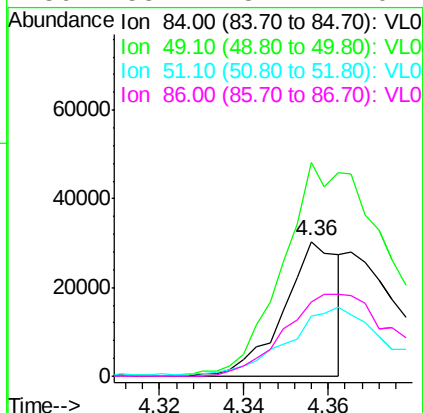
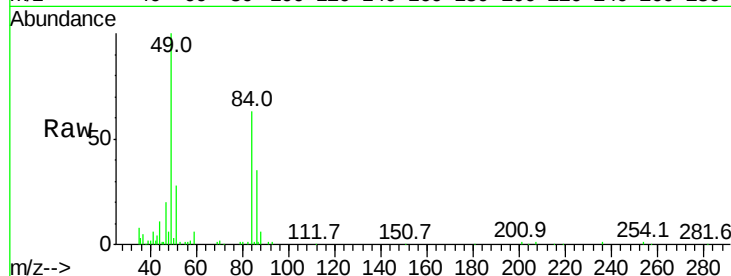
58 0.0 3.2 4.8#





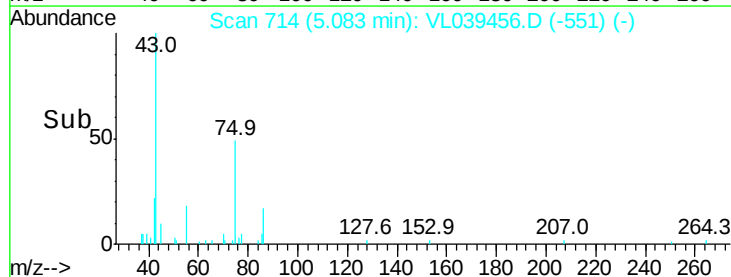
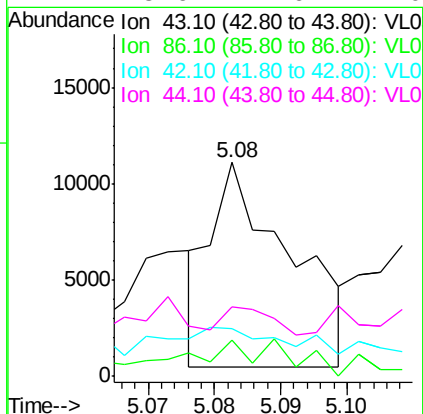
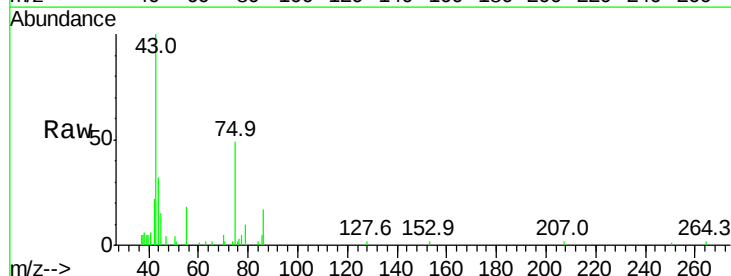
#20
Methylene Chloride
Concen: 0.39 ppbv
RT: 4.36
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : SG-6
Acq: 12 Jul 2022 20:13

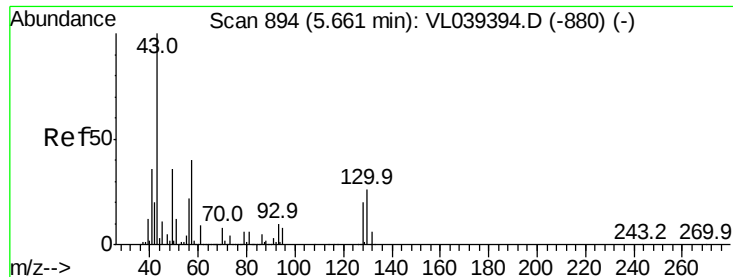
Tgt Ion:	84	Resp:	27605
Ion	Ratio	Lower	Upper
84	100		
49	157.1	123.1	184.7
51	42.9	34.4	51.6
86	55.1	51.1	76.7



#23
Vinyl Acetate
Concen: 0.08 ppbv
RT: 5.08 min Scan# 714
Delta R.T.: 0.03 min
Lab File: VL039456.D
Acq: 12 Jul 2022 20:13

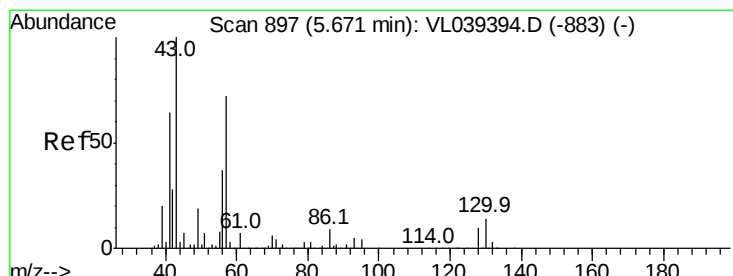
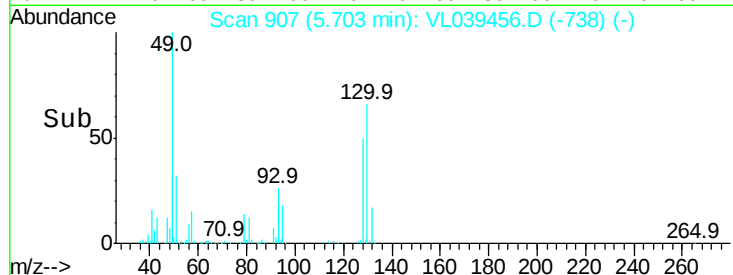
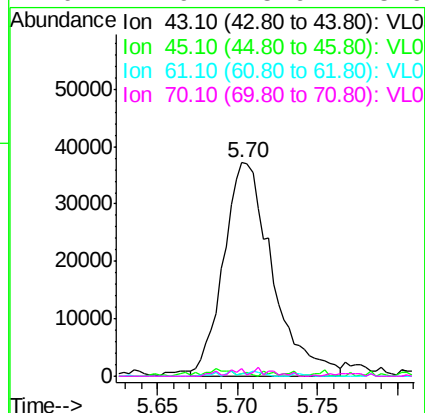
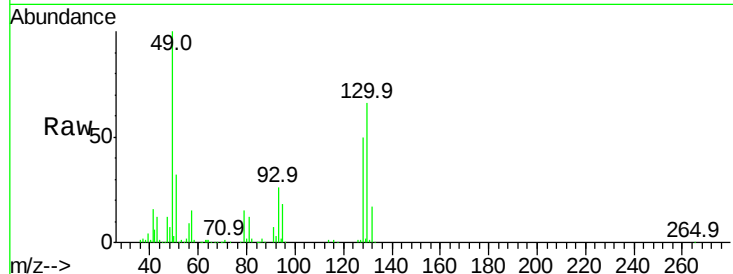
Tgt Ion:	43	Resp:	8953
Ion	Ratio	Lower	Upper
43	100		
86	28.6	5.0	7.6#
42	21.5	7.7	11.5#
44	15.6	4.6	7.0#





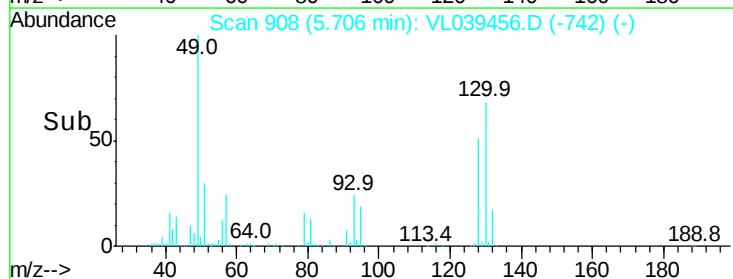
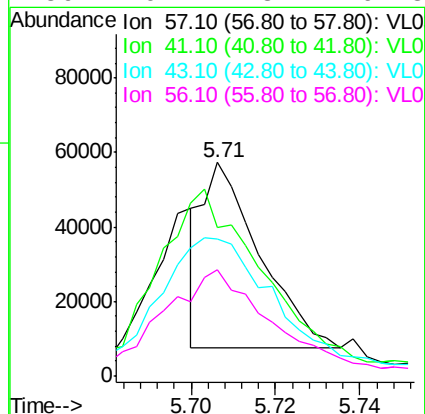
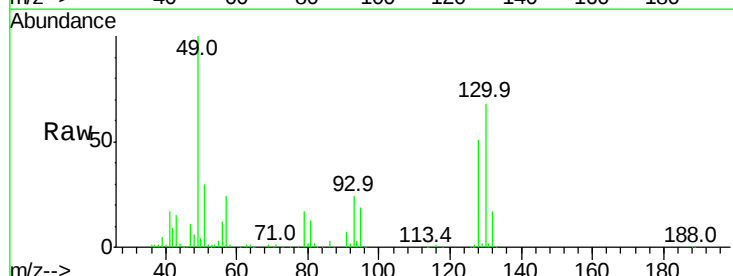
#25
 Ethyl Acetate
 Concen: 0.21 ppbv
 RT: 5.70
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 12 Jul 2022 20:13

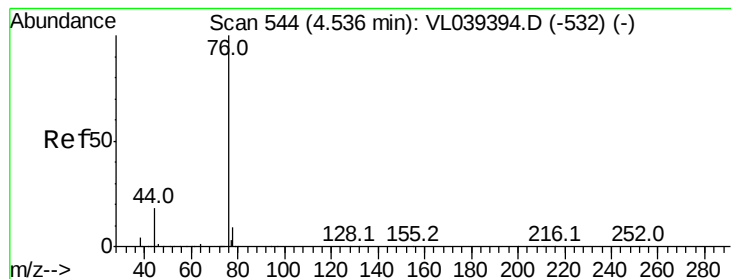
Tgt Ion:	43	Resp:	77031
Ion	Ratio	Lower	Upper
43	100		
45	2.6	8.2	12.4#
61	1.5	8.3	12.5#
70	2.9	5.9	8.9#



#26
 Hexane
 Concen: 0.32 ppbv
 RT: 5.71 min Scan# 908
 Delta R.T. 0.04 min
 Lab File: VL039456.D
 Acq: 12 Jul 2022 20:13

Tgt Ion:	57	Resp:	46410
Ion	Ratio	Lower	Upper
57	100		
41	211.2	76.9	115.3#
43	177.8	191.0	286.6#
56	119.7	43.2	64.8#





#27

Carbon Disulfide

Concen: 0.06 ppbv

RT: 4.57 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 12 Jul 2022 20:13 SG-6

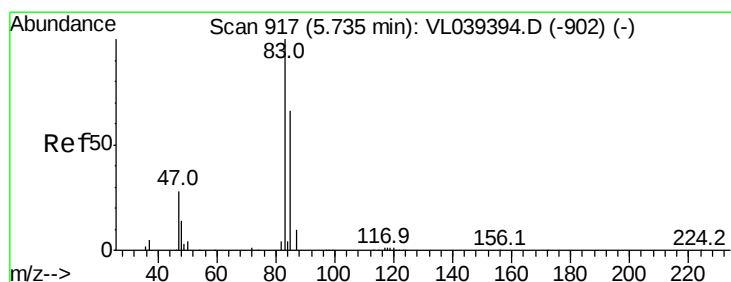
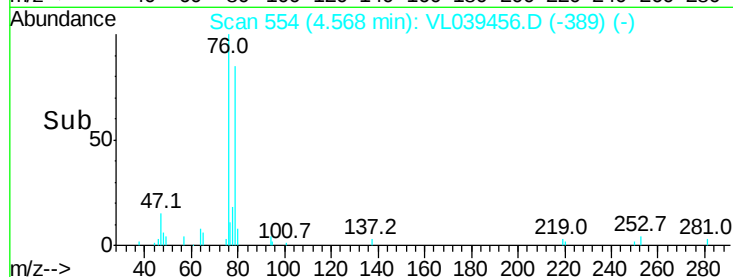
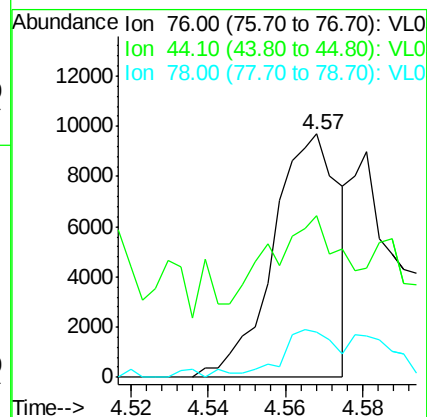
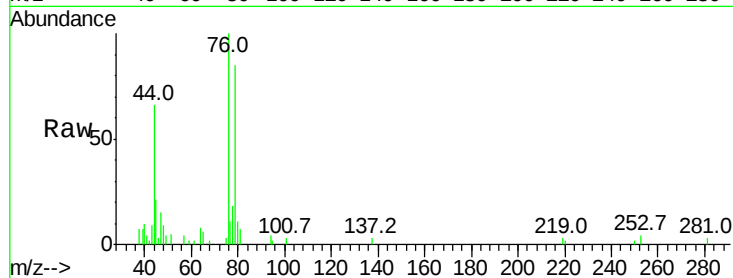
Tgt Ion: 76 Resp: 11417

Ion Ratio Lower Upper

76 100

44 70.0 14.6 21.8#

78 39.0 7.8 11.6#



#29

Chloroform

Concen: 0.34 ppbv

RT: 5.77 min Scan# 927

Delta R.T. 0.03 min

Lab File: VL039456.D

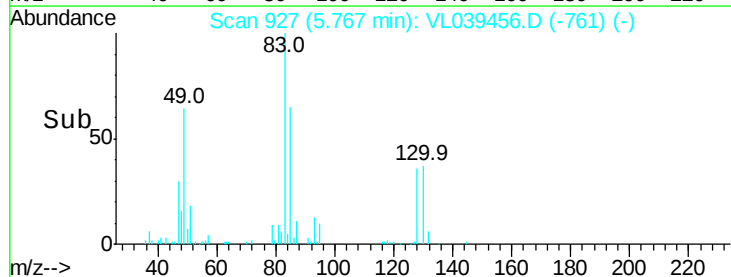
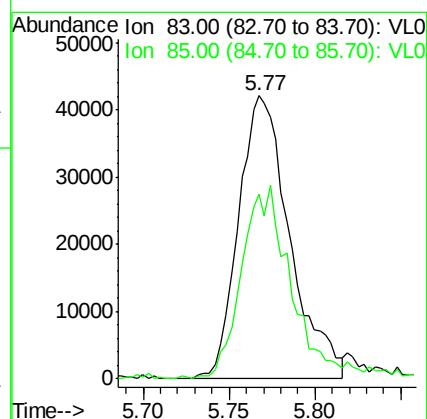
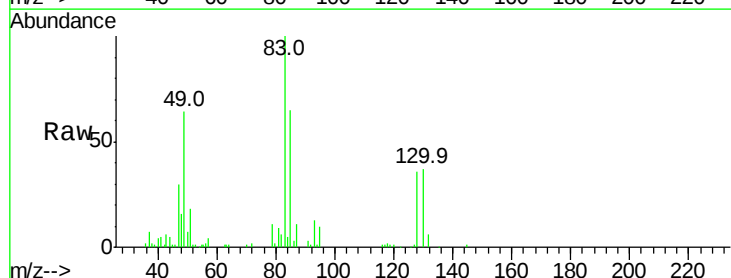
Acq: 12 Jul 2022 20:13

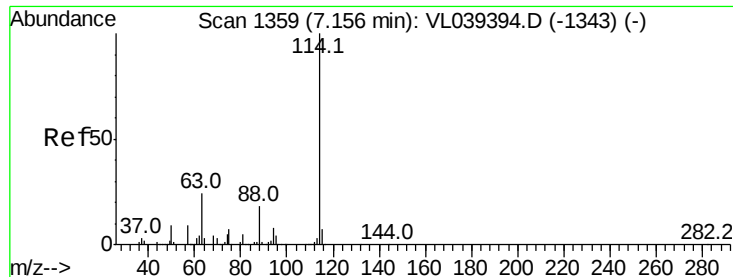
Tgt Ion: 83 Resp: 87612

Ion Ratio Lower Upper

83 100

85 64.9 52.8 79.2





#33

1,4-Difluorobenzene

Concen: 10.00 ppbv

RT: 7.19 Instrument: MSVOA_1

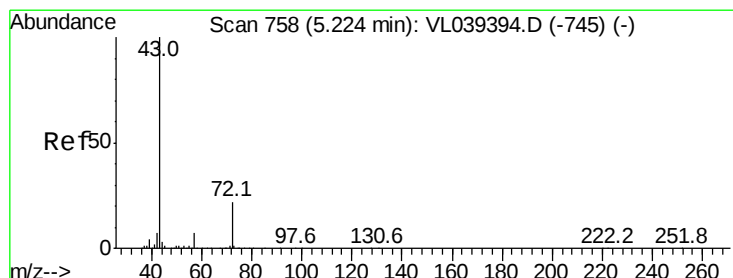
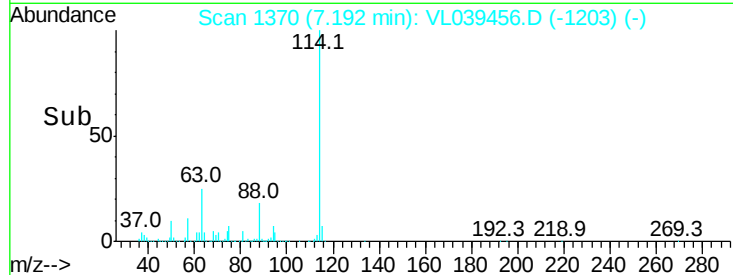
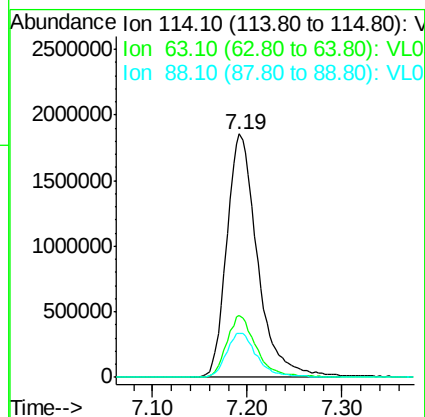
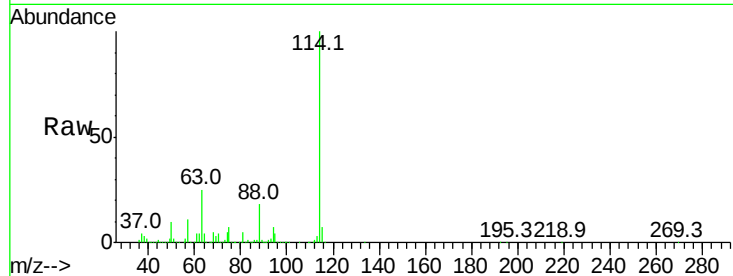
Delta R.T. ClientSampleId: SG-6

Lab File: SG-6

Acq: 12 Jul 2022 20:13

Tgt Ion: 114 Resp: 4199229

Ion	Ratio	Lower	Upper
114	100		
63	24.6	20.2	30.4
88	18.3	14.5	21.7



#34

2-Butanone

Concen: 0.10 ppbv

RT: 5.27 min Scan# 772

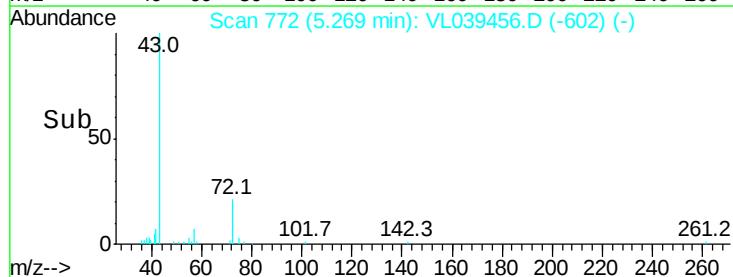
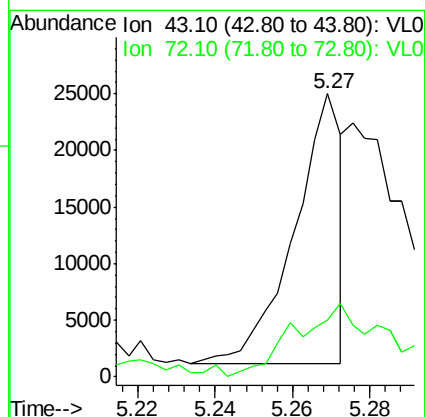
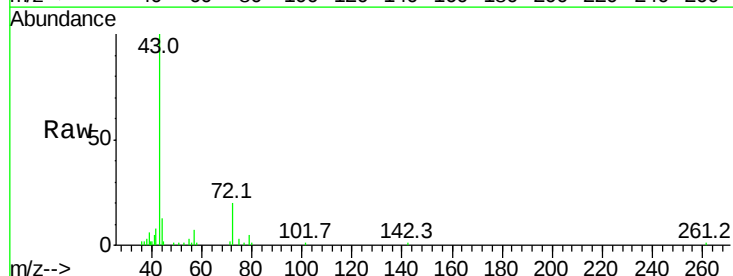
Delta R.T. 0.04 min

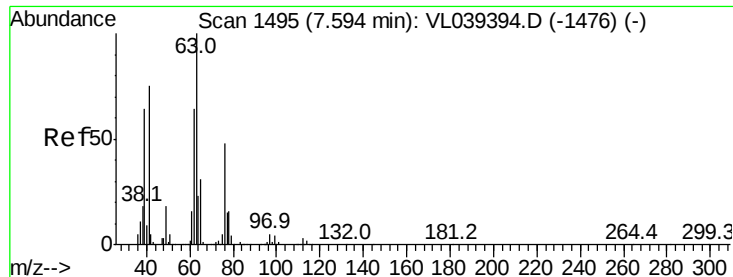
Lab File: VL039456.D

Acq: 12 Jul 2022 20:13

Tgt Ion: 43 Resp: 20329

Ion	Ratio	Lower	Upper
43	100		
72	0.0	17.9	26.9#





#39

1,2-Dichloropropane

Concen: 8.40 ppbv

RT: 7.19 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 12 Jul 2022 20:13 SG-6

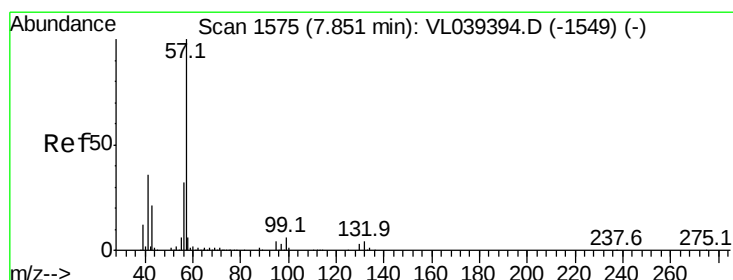
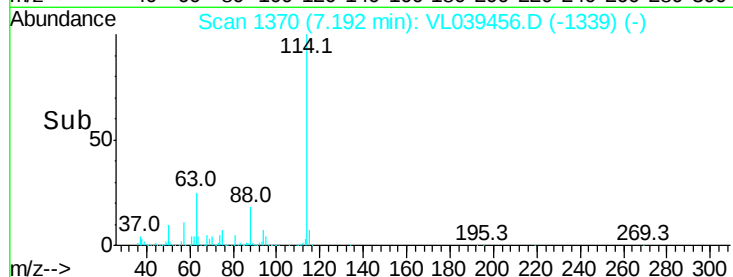
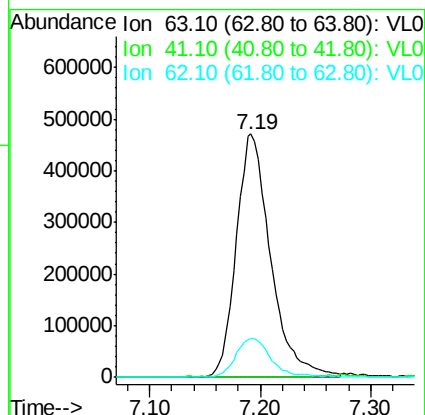
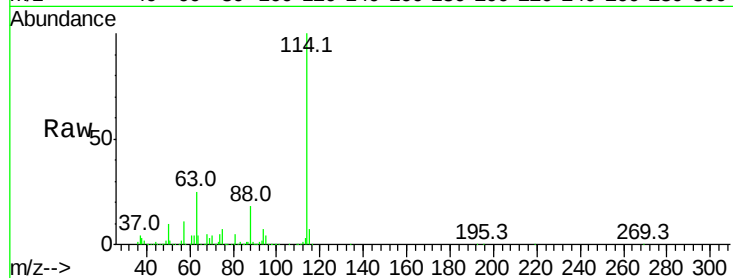
Tgt Ion: 63 Resp: 1020078

Ion Ratio Lower Upper

63 100

41 0.0 59.6 89.4#

62 15.8 51.4 77.0#



#44

2,2,4-Trimethylpentane

Concen: 0.07 ppbv

RT: 7.89 min Scan# 1587

Delta R.T. 0.04 min

Lab File: VL039456.D

Acq: 12 Jul 2022 20:13

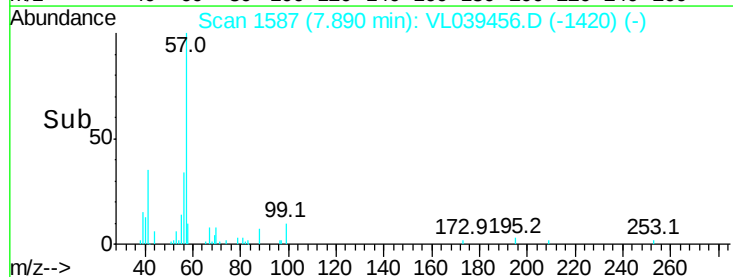
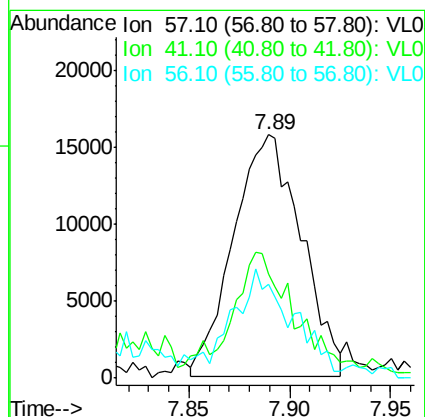
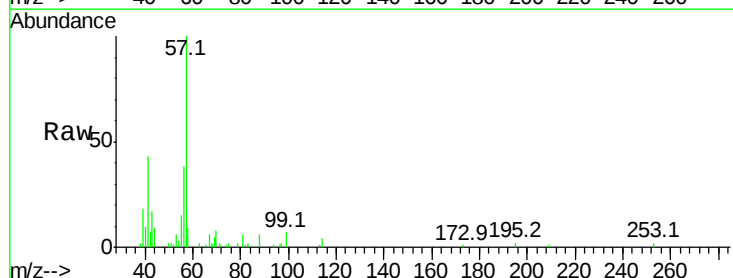
Tgt Ion: 57 Resp: 36928

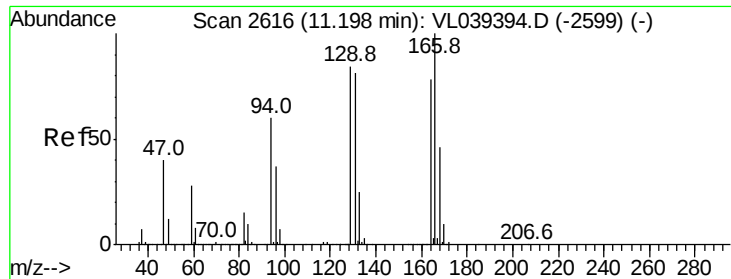
Ion Ratio Lower Upper

57 100

41 45.9 27.4 41.2#

56 43.5 24.5 36.7#





#52

Tetrachloroethene

Concen: 1.22 ppbv

RT: 11.24

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 12 Jul 2022 20:13

Tgt Ion: 164 Resp: 159484

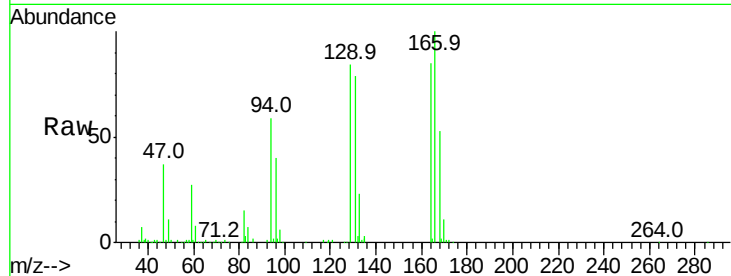
Ion Ratio Lower Upper

164 100

166 117.9 102.2 153.2

129 98.7 85.8 128.8

131 93.4 83.3 124.9

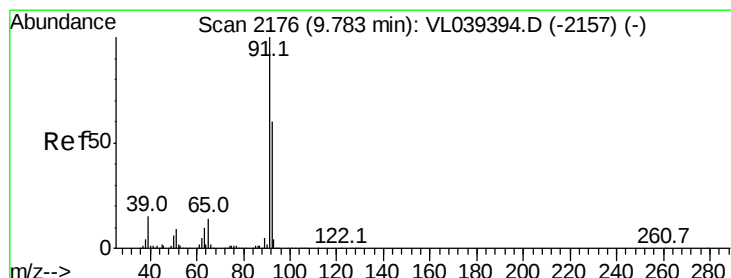
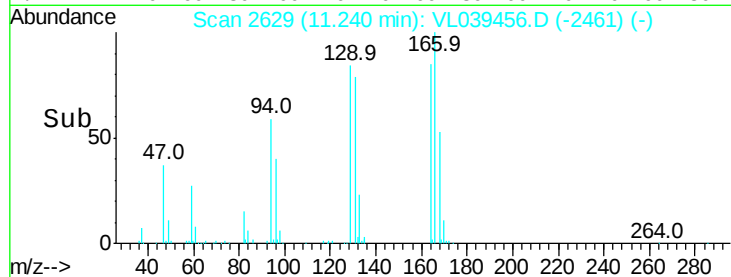
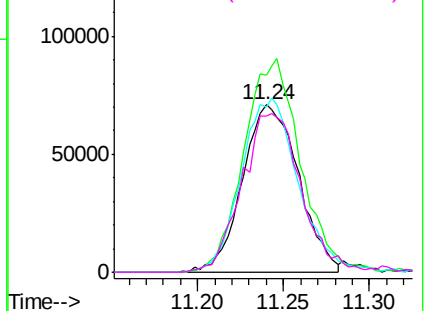


Abundance Ion 163.90 (163.60 to 164.60): V

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: 0.42 ppbv

RT: 9.83 min Scan# 2189

Delta R.T. 0.04 min

Lab File: VL039456.D

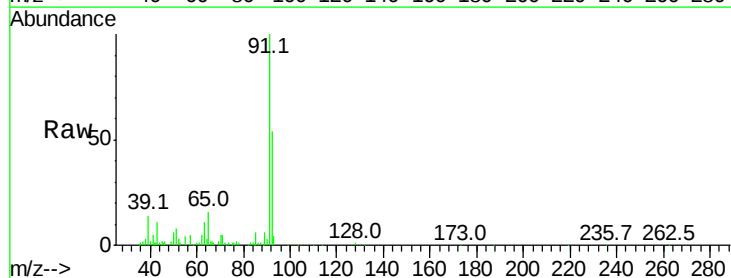
Acq: 12 Jul 2022 20:13

Tgt Ion: 91 Resp: 157043

Ion Ratio Lower Upper

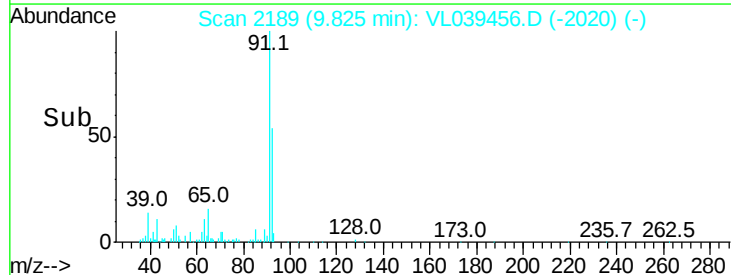
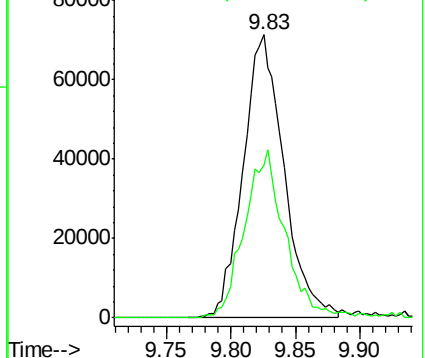
91 100

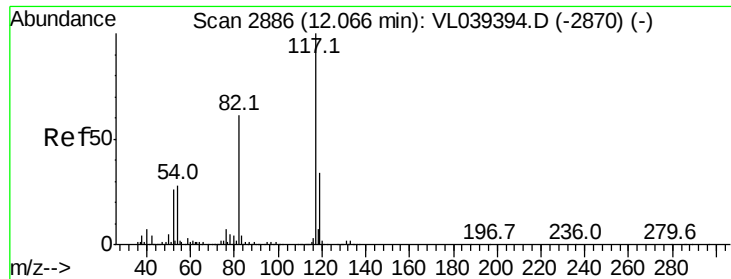
92 60.0 48.2 72.2



Abundance Ion 91.10 (90.80 to 91.80): VL0

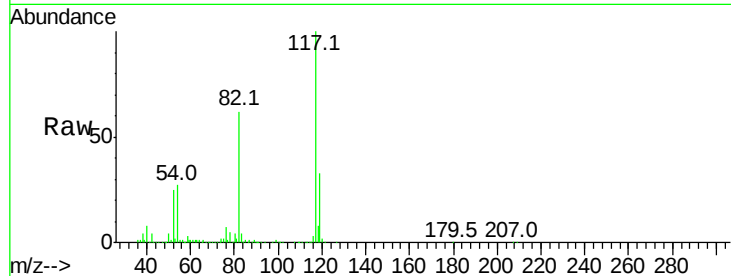
Ion 92.10 (91.80 to 92.80): VL0



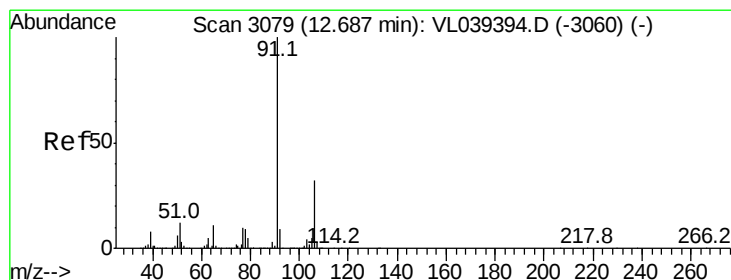
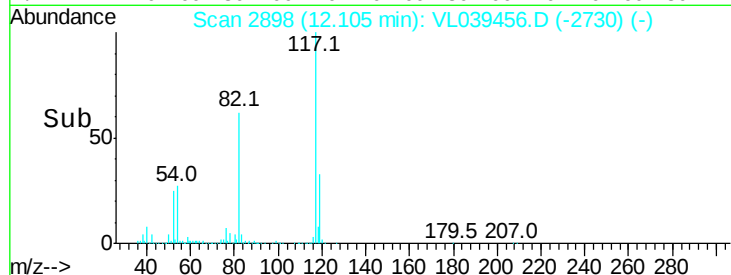
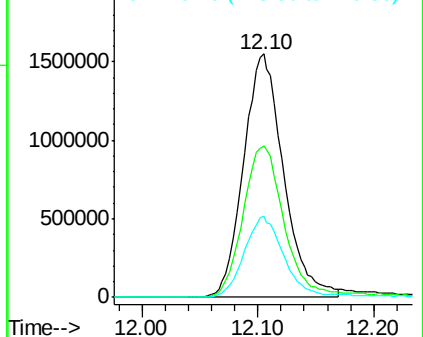


#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.10
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 12 Jul 2022 20:13

Tgt Ion:117 Resp: 3726810
Ion Ratio Lower Upper
117 100
82 66.3 50.8 76.2
119 34.2 24.1 36.1

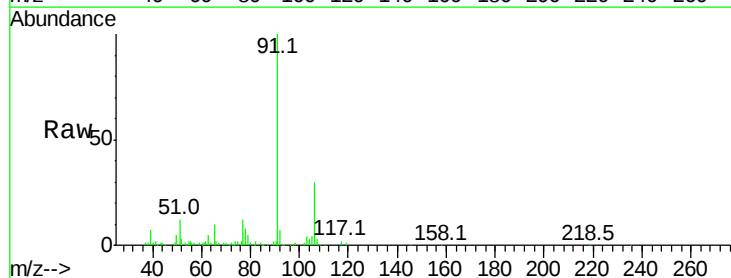


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V

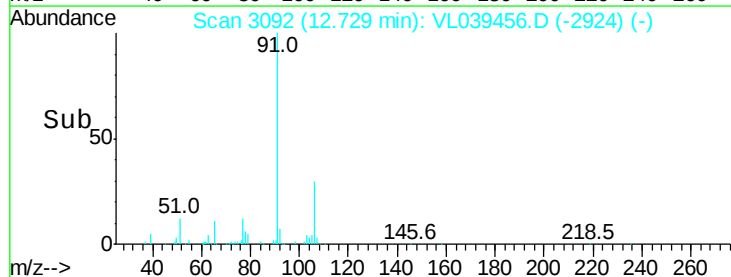
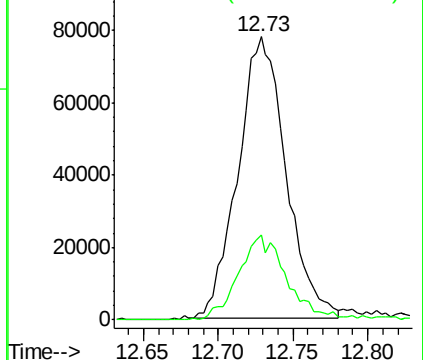


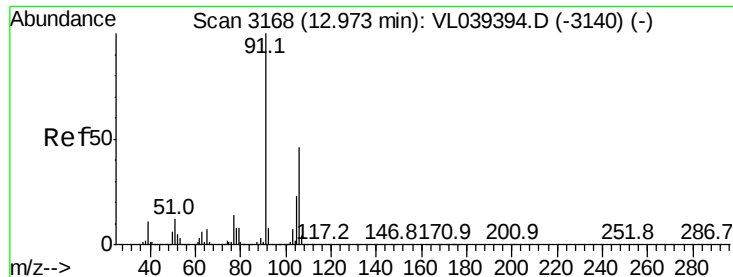
#58
Ethyl Benzene
Concen: 0.36 ppbv
RT: 12.73 min Scan# 3092
Delta R.T. 0.04 min
Lab File: VL039456.D
Acq: 12 Jul 2022 20:13

Tgt Ion: 91 Resp: 174819
Ion Ratio Lower Upper
91 100
106 30.3 25.4 38.0



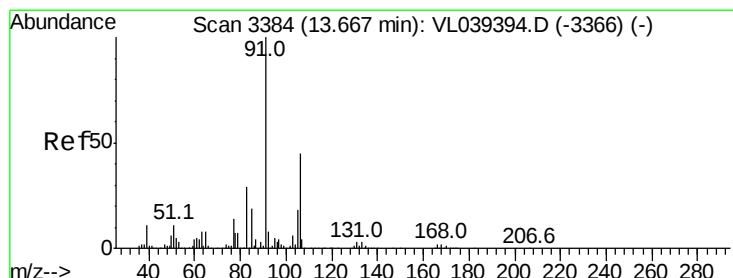
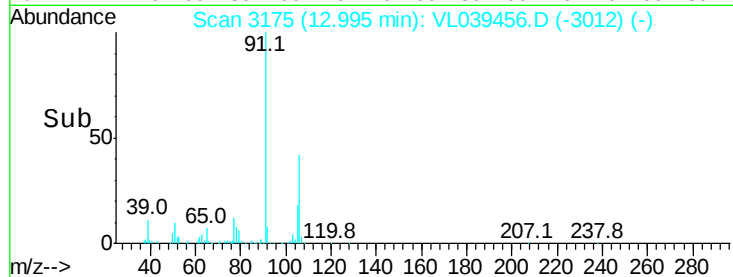
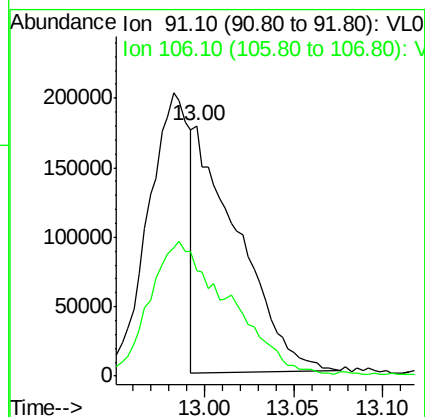
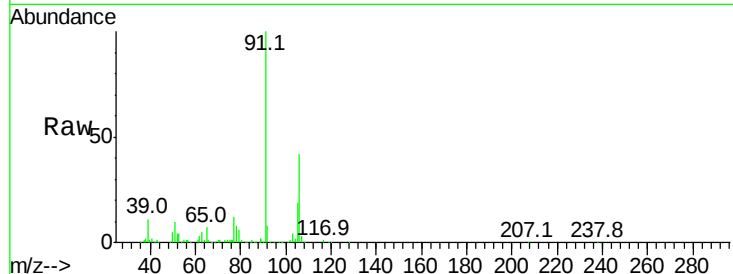
Abundance Ion 91.10 (90.80 to 91.80): VL0
Ion 106.10 (105.80 to 106.80): V





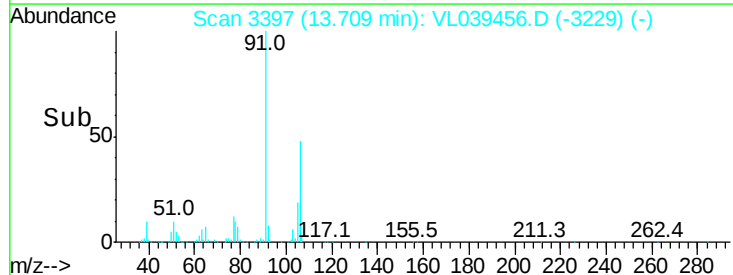
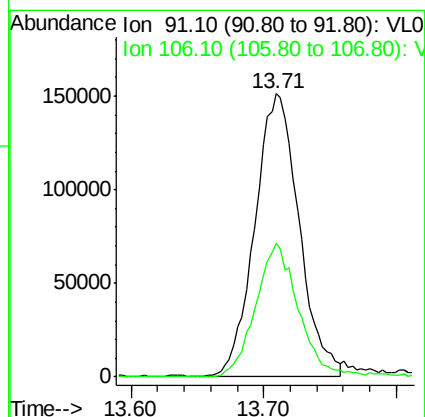
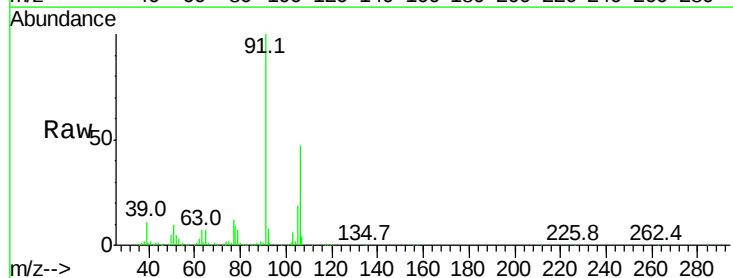
#59
m/p-Xylene
Concen: 0.72 ppbv
RT: 13.00 min
Delta R.T. MSVOA_1
Lab File: ClientSampleId :
Acq: 12 Jul 2022 20:13

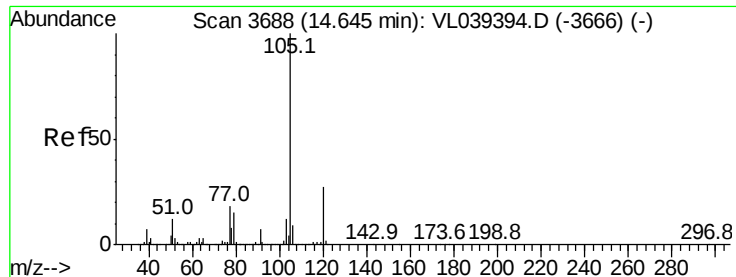
Tgt Ion: 91 Resp: 305195
Ion Ratio Lower Upper
91 100
106 0.0 35.4 53.2#



#60
o-Xylene
Concen: 0.88 ppbv
RT: 13.71 min Scan# 3397
Delta R.T. 0.04 min
Lab File: VL039456.D
Acq: 12 Jul 2022 20:13

Tgt Ion: 91 Resp: 351667
Ion Ratio Lower Upper
91 100
106 46.3 22.4 67.3





#62

Isopropylbenzene

Concen: 0.04 ppbv

RT: 14.69

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

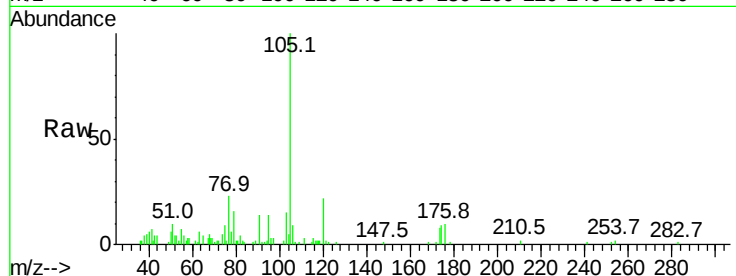
Acq: 12 Jul 2022 20:13

Tgt Ion:105 Resp: 25264

Ion Ratio Lower Upper

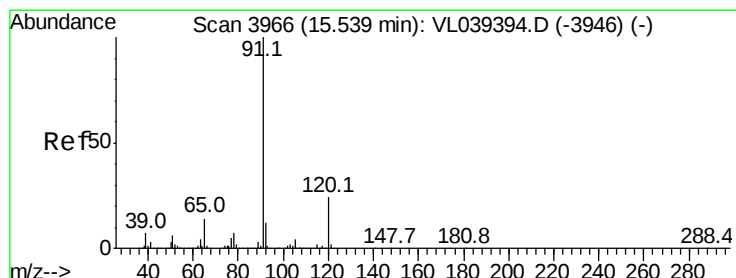
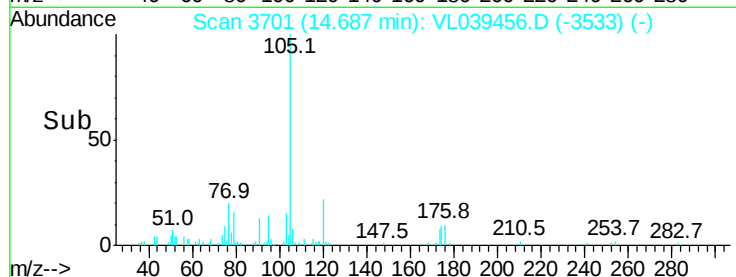
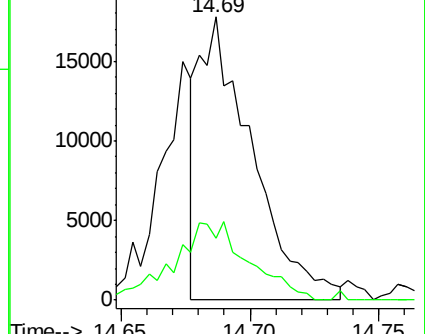
105 100

120 40.1 20.7 31.1#



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V



#64

n-propylbenzene

Concen: 0.11 ppbv

RT: 15.58 min Scan# 3979

Delta R.T. 0.04 min

Lab File: VL039456.D

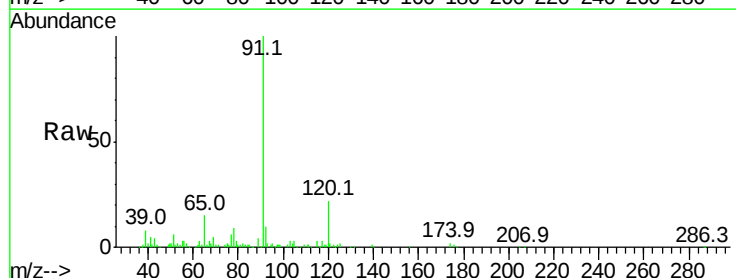
Acq: 12 Jul 2022 20:13

Tgt Ion:120 Resp: 16663

Ion Ratio Lower Upper

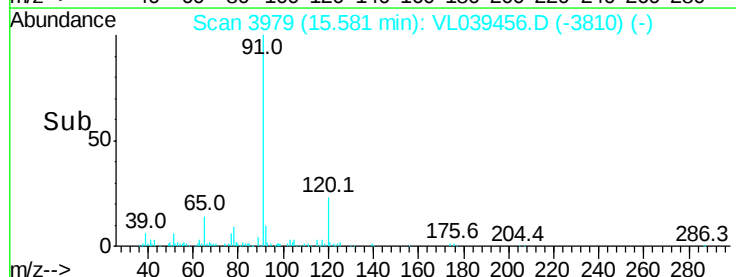
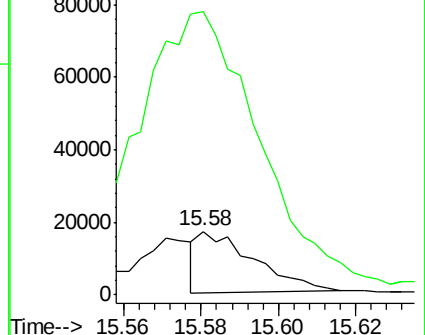
120 100

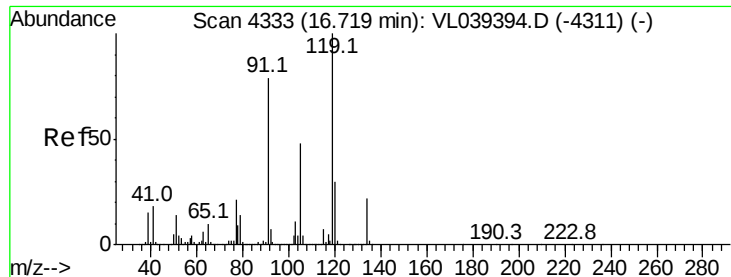
91 1116.1 367.2 550.8#



Abundance Ion 120.20 (119.90 to 120.90): V

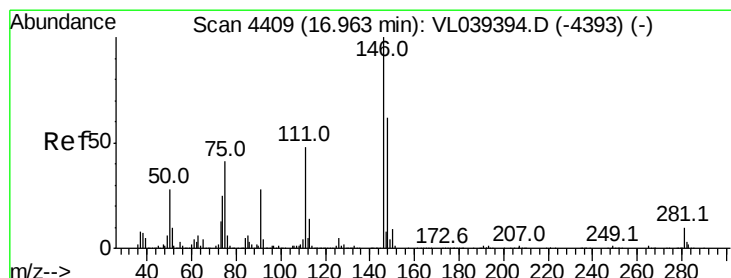
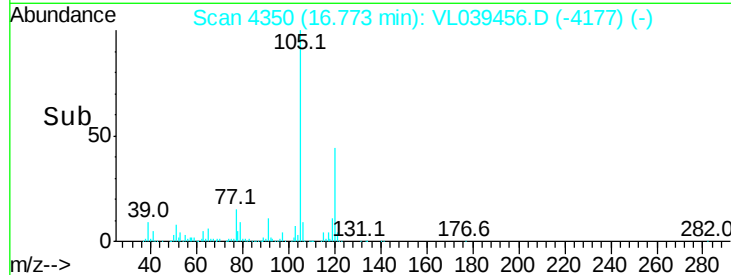
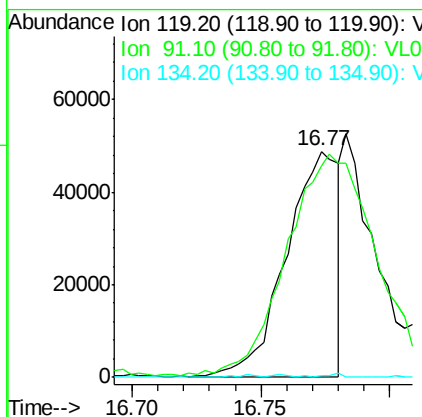
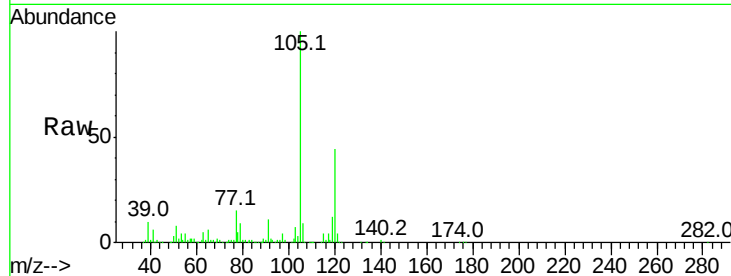
Ion 91.10 (90.80 to 91.80): VL0





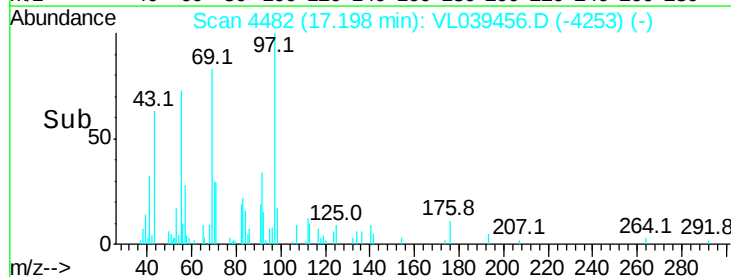
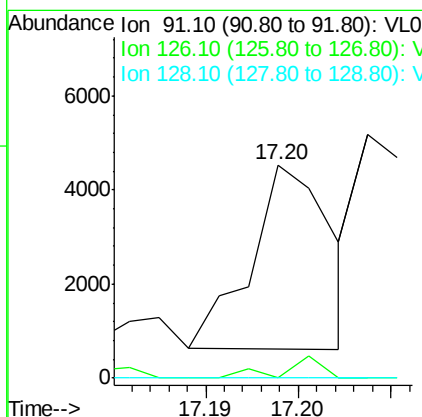
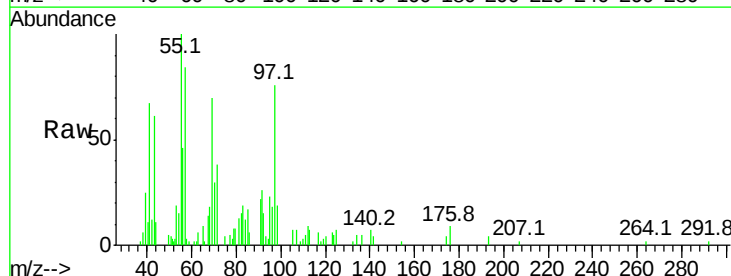
#65
 tert-Butylbenzene
 Concen: 0.12 ppbv
 RT: 16.77 min
 Delta R.T. 0.12 min
 Lab File: VL039456.D
 Acq: 12 Jul 2022 20:13

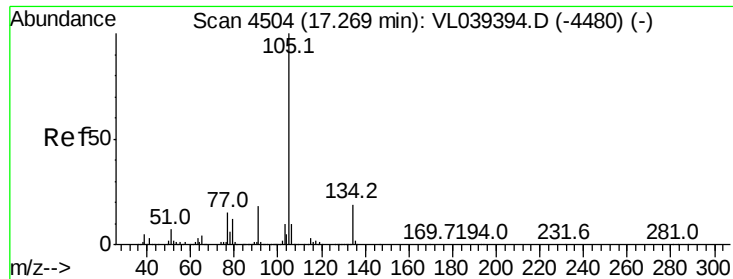
Tgt Ion:	119	Resp:	68890
Ion Ratio	Lower	Upper	
119	100		
91	0.0	63.4	95.2#
134	0.0	15.9	23.9#



#66
 Benzyl Chloride
 Concen: 0.04 ppbv
 RT: 17.20 min Scan# 4482
 Delta R.T. 0.23 min
 Lab File: VL039456.D
 Acq: 12 Jul 2022 20:13

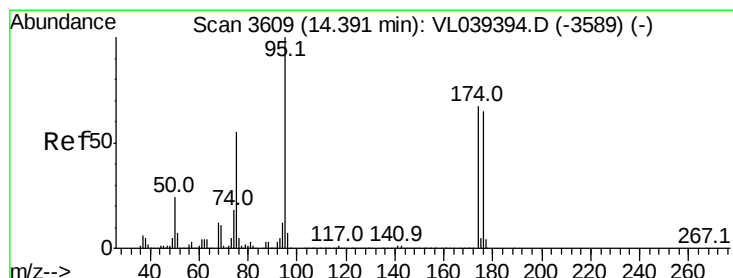
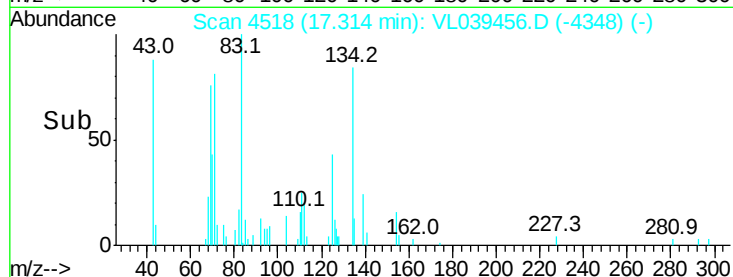
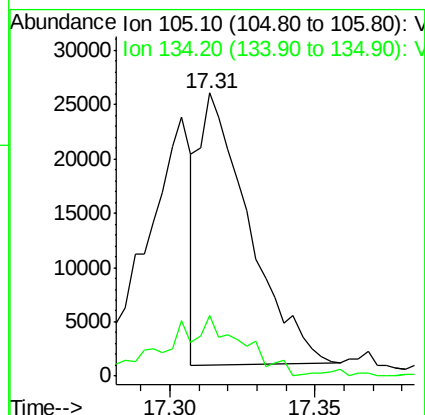
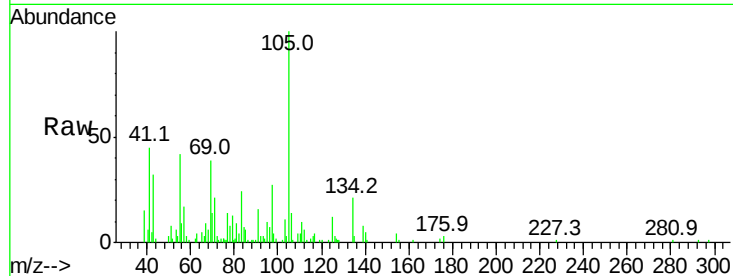
Tgt Ion:	91	Resp:	2328
Ion Ratio	Lower	Upper	
91	100		
126	12.6	13.1	19.7#
128	7.9	4.4	6.6#





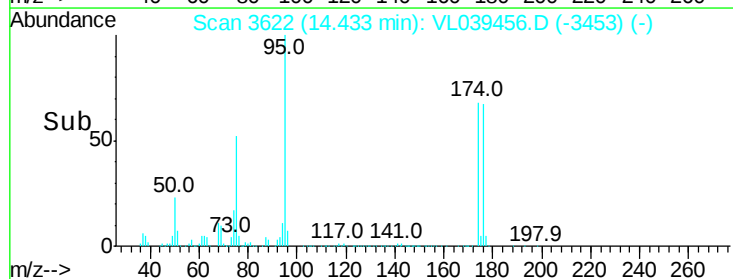
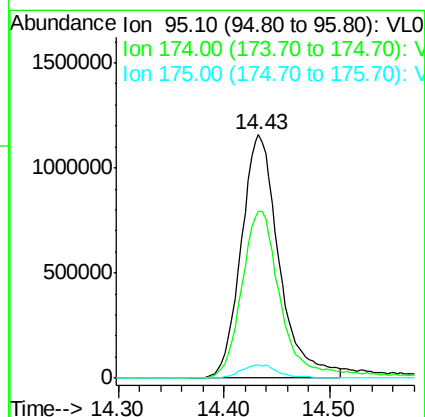
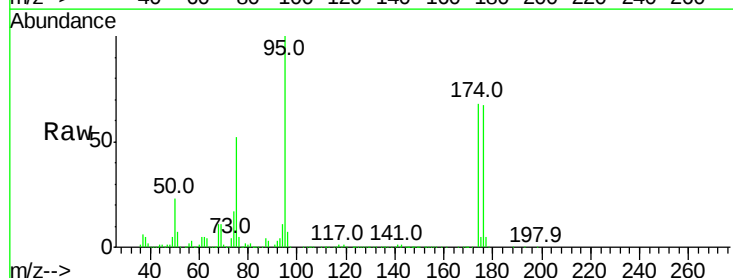
#67
 sec-Butylbenzene
 Concen: 0.04 ppbv
 RT: 17.31
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : SG-6
 Acq: 12 Jul 2022 20:13

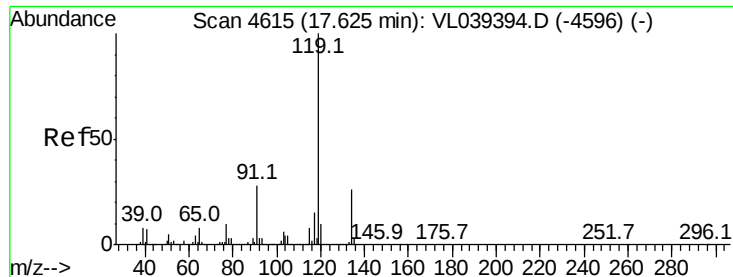
Tgt Ion: 105 Resp: 29978
 Ion Ratio Lower Upper
 105 100
 134 35.0 14.8 22.2#



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.45 ppbv
 RT: 14.43 min Scan# 3622
 Delta R.T. 0.04 min
 Lab File: VL039456.D
 Acq: 12 Jul 2022 20:13

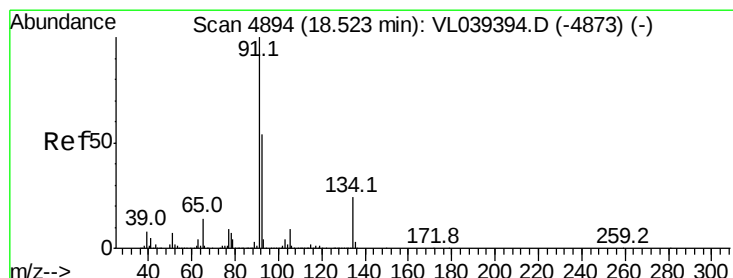
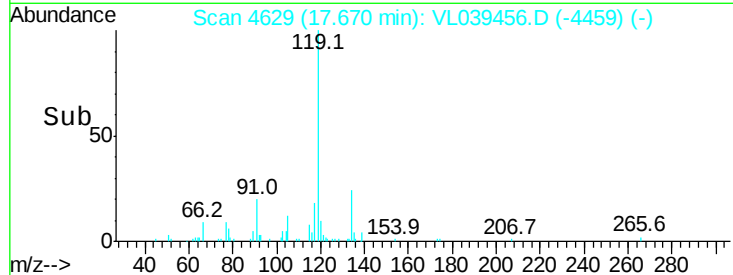
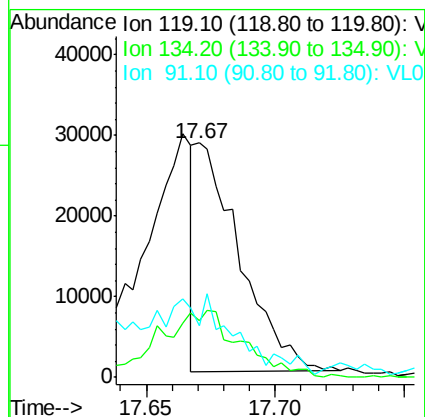
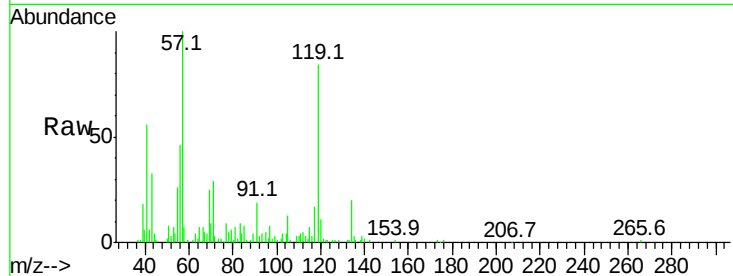
Tgt Ion: 95 Resp: 2889529
 Ion Ratio Lower Upper
 95 100
 174 73.1 55.9 83.9
 175 5.7 4.2 6.4





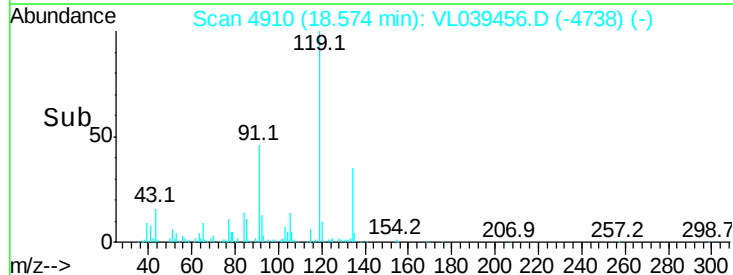
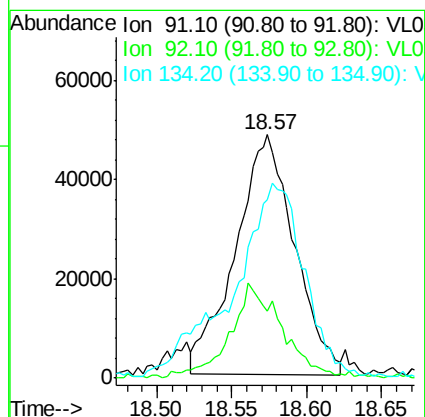
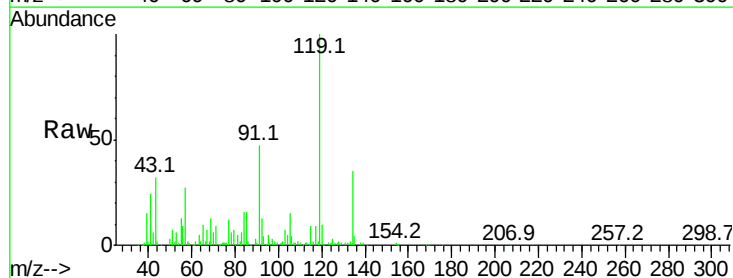
#69
 p-Isopropyltoluene
 Concen: 0.05 ppbv
 RT: 17.67 min
 Delta R.T. 0.05 min
 Lab File: VL039456.D
 Acq: 12 Jul 2022 20:13

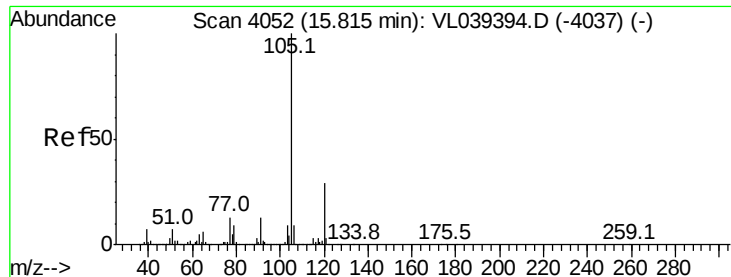
Tgt Ion:	119	Resp:	33483
Ion Ratio	100	Lower	Upper
119	100		
134	57.9	20.3	30.5#
91	68.4	22.9	34.3#



#70
 n-Butylbenzene
 Concen: 0.21 ppbv
 RT: 18.57 min Scan# 4910
 Delta R.T. 0.05 min
 Lab File: VL039456.D
 Acq: 12 Jul 2022 20:13

Tgt Ion:	91	Resp:	133194
Ion Ratio	100	Lower	Upper
91	100		
92	35.5	43.4	65.2#
134	99.5	18.9	28.3#





#72

4-Ethyltoluene

Concen: 0.48 ppbv

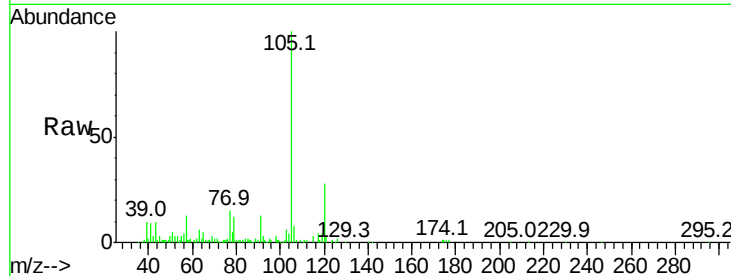
RT: 15.86

Delta R.T. MSVOA_1

Lab File: ClientSampleId :

Acq: 12 Jul 2022 20:13

Tgt Ion:	105	Resp:	225969
Ion Ratio	Lower	Upper	
105	100		
120	29.6	24.2	36.2
91	13.2	10.2	15.4
77	12.7	11.1	16.7

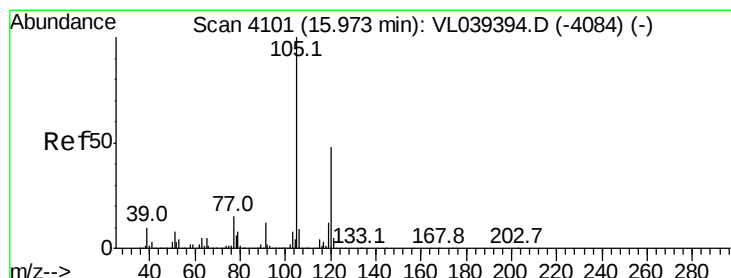
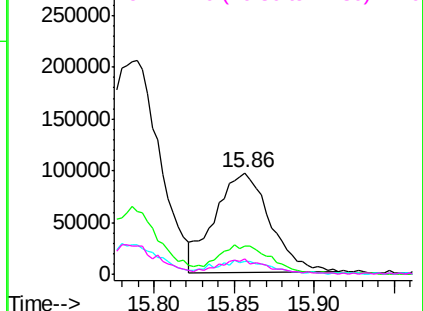
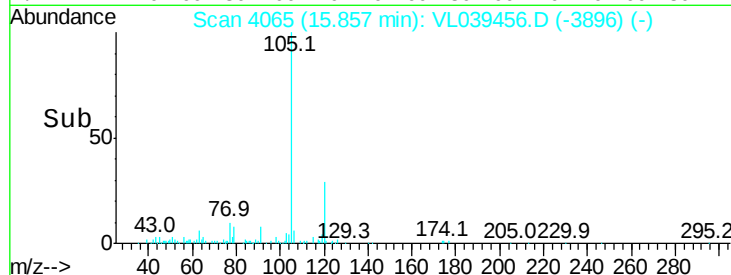


Abundance Ion 105.10 (104.80 to 105.80): V

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



#73

1,3,5-Trimethylbenzene

Concen: 0.38 ppbv

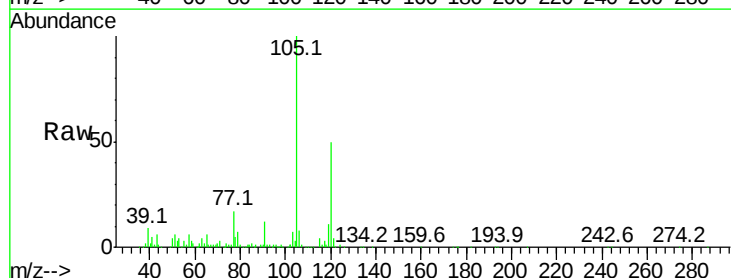
RT: 16.01 min Scan# 4114

Delta R.T. 0.04 min

Lab File: VL039456.D

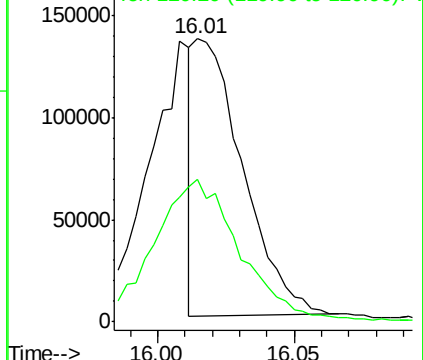
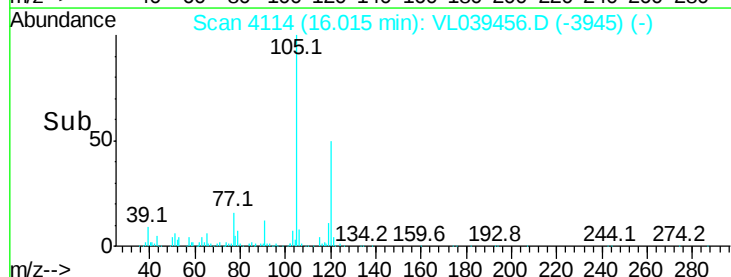
Acq: 12 Jul 2022 20:13

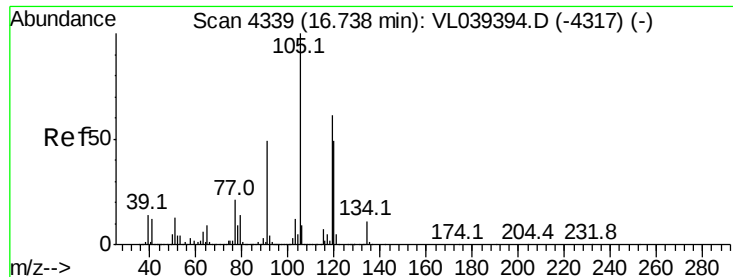
Tgt Ion:	105	Resp:	166918
Ion Ratio	Lower	Upper	
105	100		
120	50.1	38.2	57.4



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: 2.17 ppbv

RT: 16.78

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 12 Jul 2022 20:13

Tgt Ion:105 Resp: 1043630

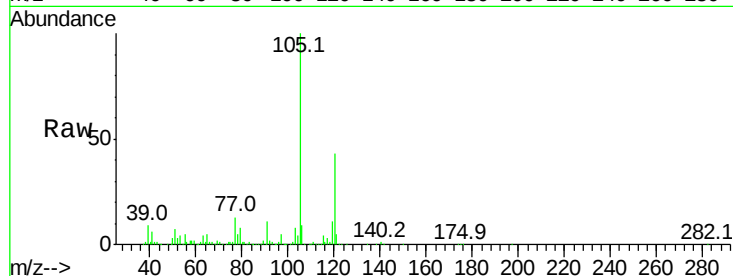
Ion Ratio Lower Upper

105 100

120 43.1 39.5 59.3

91 10.8 39.2 58.8#

77 13.4 17.2 25.8#

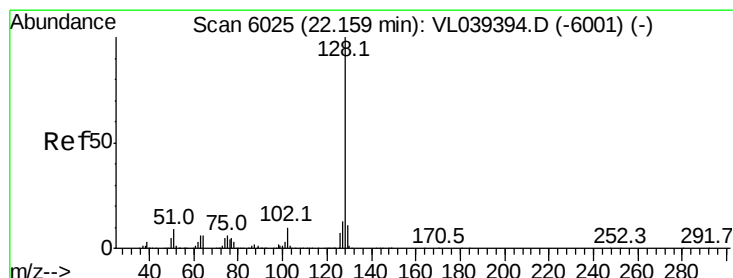
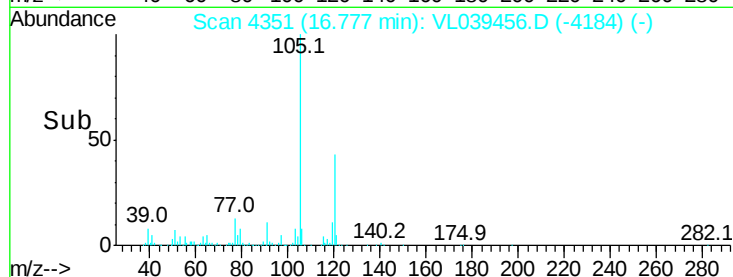
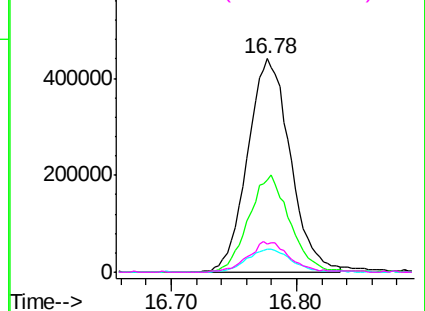


Abundance Ion 105.10 (104.80 to 105.80): V

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



#79

Naphthalene

Concen: 0.05 ppbv

RT: 22.23 min Scan# 6046

Delta R.T. 0.07 min

Lab File: VL039456.D

Acq: 12 Jul 2022 20:13

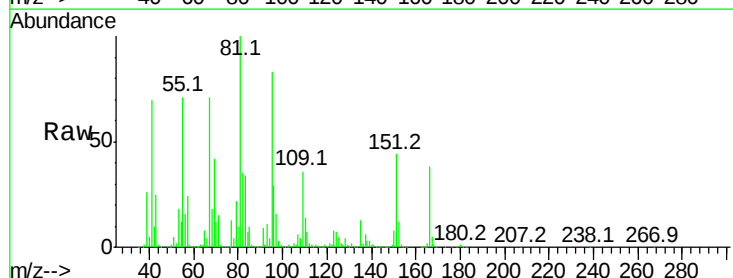
Tgt Ion:128 Resp: 16651

Ion Ratio Lower Upper

128 100

127 7.2 10.6 15.8#

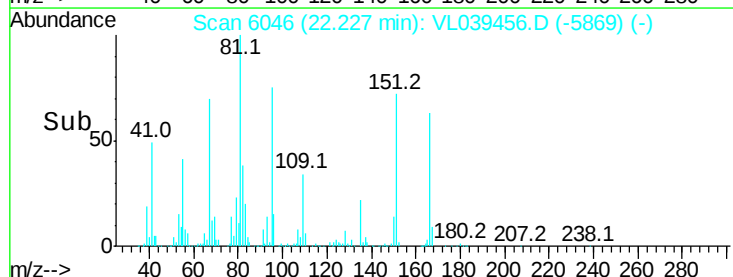
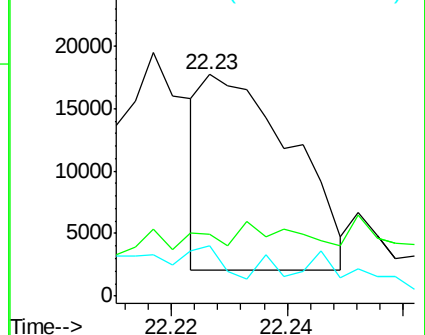
129 19.4 8.8 13.2#

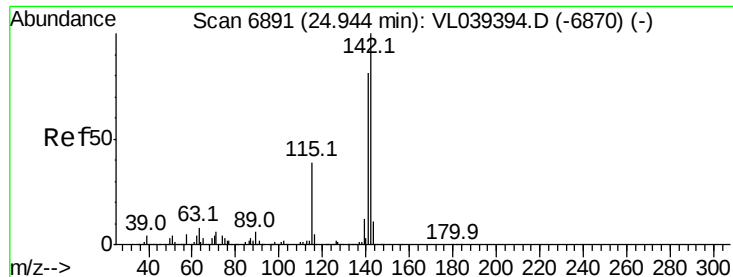


Abundance Ion 128.10 (127.80 to 128.80): V

Ion 127.10 (126.80 to 127.80): V

Ion 129.10 (128.80 to 129.80): V





#80

Naphthalene, 2-methyl-

Concen: 0.14 ppbv

RT: 24.99

Delta R.T: MSVOA_L

Lab File: ClientSampleId :

SG-6

Acq: 12 Jul 2022 20:13

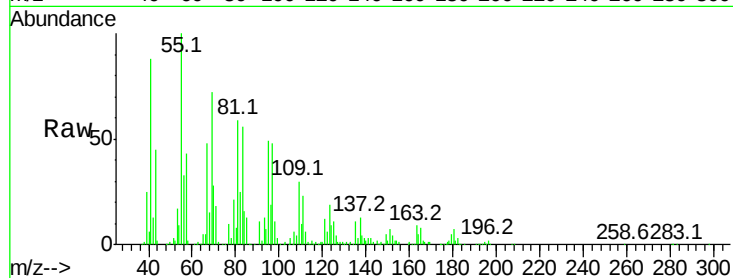
Tgt Ion: 142 Resp: 15755

Ion Ratio Lower Upper

142 100

141 84.3 68.9 103.3

115 94.4 30.0 45.0#



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

