

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL062922\
 Data File : VL039409.D
 Acq On : 29 Jun 2022 23:44
 Operator : SY/AP
 Sample : N3530-02DUP
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DUP

Quant Time: Jun 30 05:43:56 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Jun 30 05:40:11 2022
 QLast Update : Thu Jun 30 05:40:11 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1042227	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	2974736	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	2651840	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	2015048	10.24	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.40%

Target Compounds

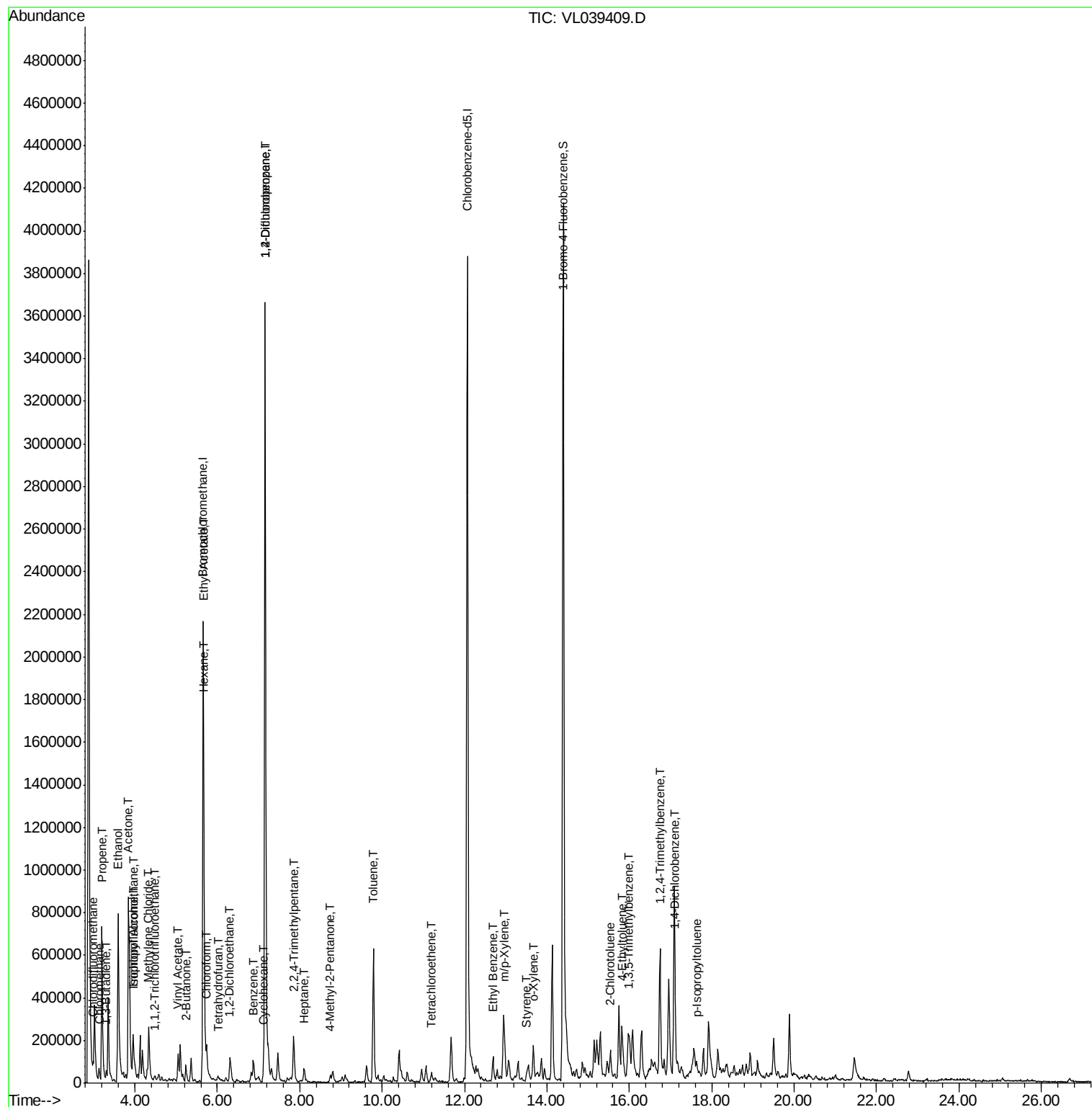
						Qvalue
3) Chlorodifluoromethane	2.99	51	114760	0.87	ppbv #	85
4) Chloromethane	3.13	50	17458	0.24	ppbv	99
9) Propene	3.20	41	229710	3.85	ppbv	94
10) Heptane	8.10	43	14343	0.10	ppbv #	27
11) Trichlorofluoromethane	3.94	101	39665	0.24	ppbv	98
12) 1,1,2-Trichlorotrifluoroet	4.48	101	9075	0.07	ppbv #	79
13) Ethanol	3.59	45	1011906	292.08	ppbv	75
15) Acetone	3.84	43	1186772	9.62	ppbv	97
16) 1,3-Butadiene	3.30	39	17881	0.28	ppbv #	57
19) Isopropyl Alcohol	3.96	45	215976	3.28	ppbv #	97
20) Methylene Chloride	4.34	84	90117	1.83	ppbv	91
23) Vinyl Acetate	5.05	43	69855	0.85	ppbv #	38
25) Ethyl Acetate	5.67	43	152869	0.60	ppbv #	68
26) Hexane	5.68	57	125032	1.23	ppbv #	59
29) Chloroform	5.74	83	71132	0.40	ppbv	100
30) Cyclohexane	7.11	84	3482	0.04	ppbv #	1
34) 2-Butanone	5.23	43	93929	0.63	ppbv	96
36) Benzene	6.88	78	38699	0.17	ppbv	94
37) 1,2-Dichloroethane	6.29	62	8362	0.06	ppbv #	81
39) 1,2-Dichloropropane	7.16	63	748281	8.70	ppbv #	25
41) Tetrahydrofuran	6.02	42	3377	0.04	ppbv #	35
44) 2,2,4-Trimethylpentane	7.85	57	186376	0.48	ppbv #	87
50) 4-Methyl-2-Pentanone	8.73	43	6068	0.03	ppbv #	39
52) Tetrachloroethene	11.21	164	4540	0.05	ppbv #	61
53) Toluene	9.79	91	177495	0.67	ppbv #	1
58) Ethyl Benzene	12.69	91	98529	0.29	ppbv	97
59) m/p-Xylene	12.97	91	99888	0.33	ppbv #	32
60) o-Xylene	13.67	91	123266	0.43	ppbv	95
61) Styrene	13.50	104	4592	0.03	ppbv #	1
69) p-Isopropyltoluene	17.63	119	11227	0.02	ppbv #	17
71) 2-Chlorotoluene	15.54	91	96207	0.31	ppbv #	43
72) 4-Ethyltoluene	15.82	105	141080	0.42	ppbv	96
73) 1,3,5-Trimethylbenzene	15.98	105	123429	0.40	ppbv	90
74) 1,2,4-Trimethylbenzene	16.74	105	413615	1.21	ppbv #	70
76) 1,4-Dichlorobenzene	17.12	146	17905	0.09	ppbv #	42

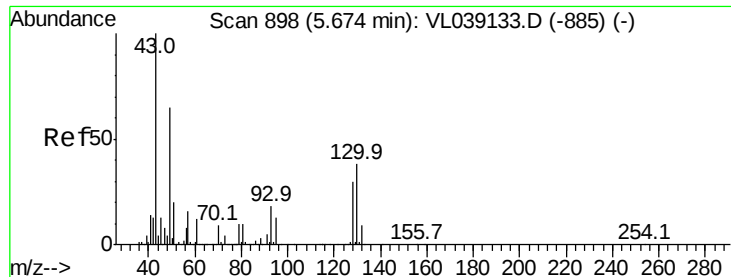
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_L\DATA\VL062922\
Data File : VL039409.D
Acq On : 29 Jun 2022 23:44
Operator : SY/AP
Sample : N3530-02DUP
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
IA1DUP

Quant Time: Jun 30 05:43:56 2022
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Jun 30 05:40:11 2022
QLast Update : Thu Jun 30 05:40:11 2022
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.65 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: IA1DUP

Acq: 29 Jun 2022 23:44

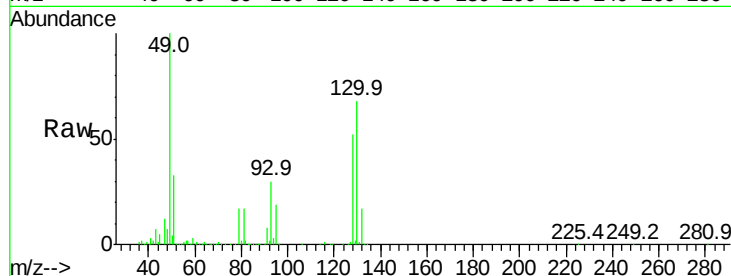
Tgt Ion: 49 Resp: 1042227

Ion Ratio Lower Upper

49 100

128 53.5 26.7 80.0

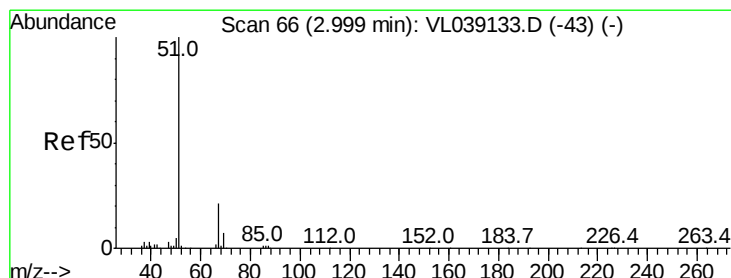
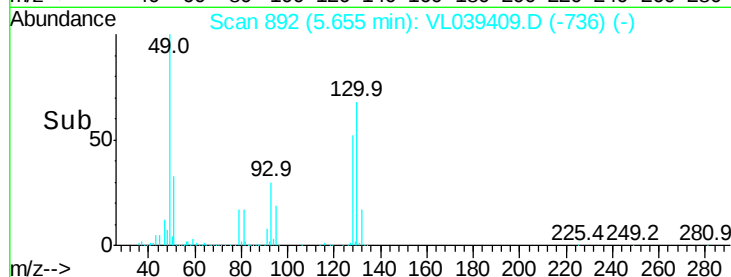
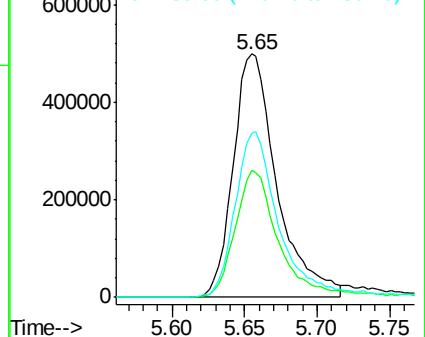
130 70.3 34.3 102.8



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



#3

Chlorodifluoromethane

Concen: 0.87 ppbv

RT: 2.99 min Scan# 62

Delta R.T. 0.01 min

Lab File: VL039409.D

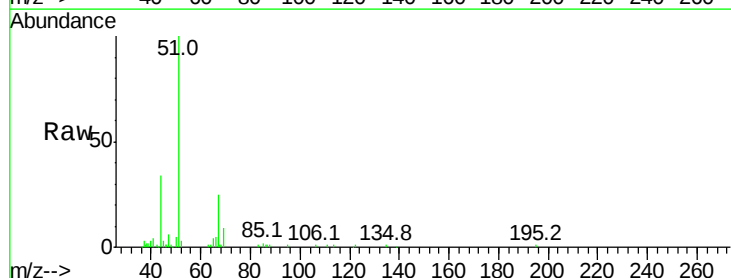
Acq: 29 Jun 2022 23:44

Tgt Ion: 51 Resp: 114760

Ion Ratio Lower Upper

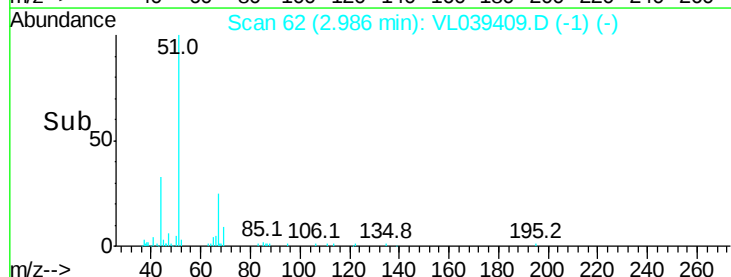
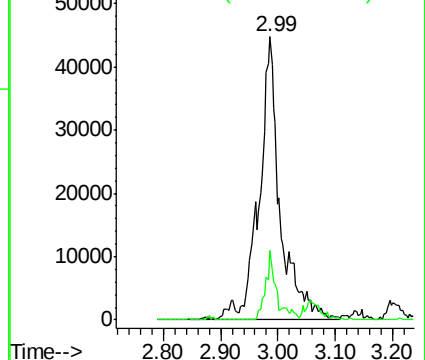
51 100

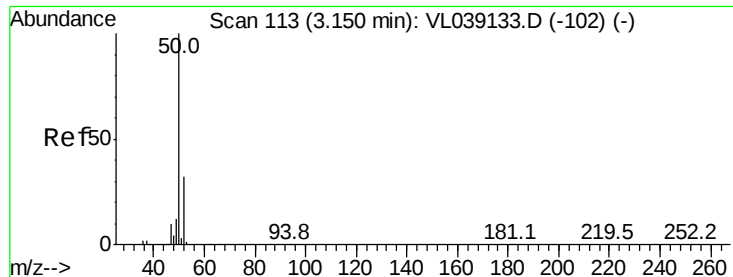
67 12.8 15.7 23.5#



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0





#4

Chloromethane

Concen: 0.24 ppbv

RT: 3.13 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

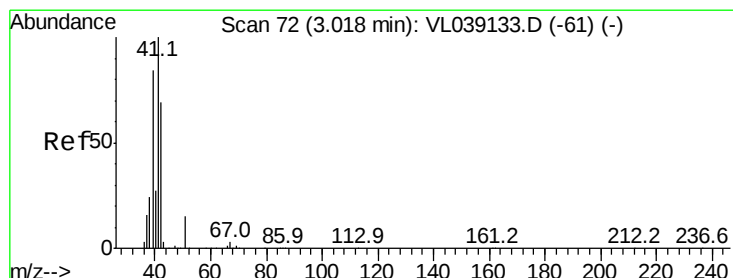
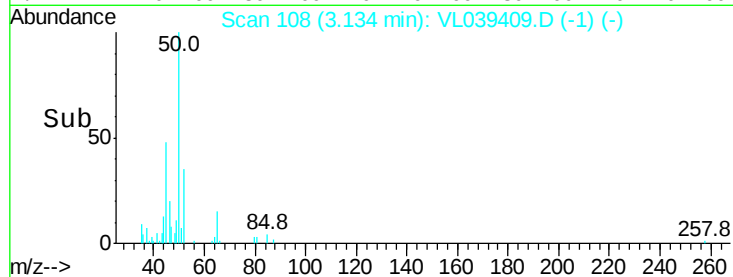
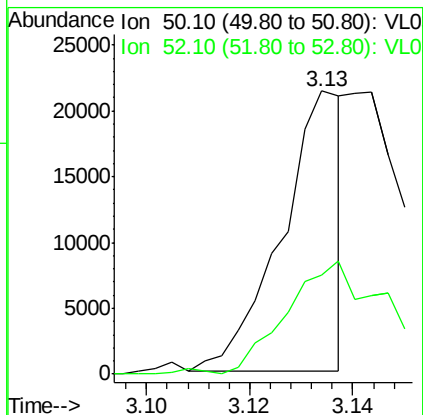
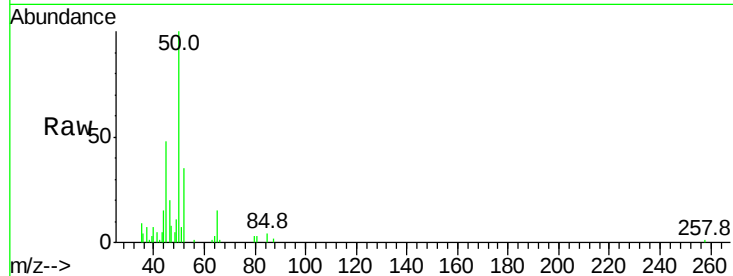
Acq: 29 Jun 2022 23:44

Tgt Ion: 50 Resp: 17458

Ion Ratio Lower Upper

50 100

52 33.6 26.5 39.7



#9

Propene

Concen: 3.85 ppbv

RT: 3.20 min Scan# 128

Delta R.T. 0.20 min

Lab File: VL039409.D

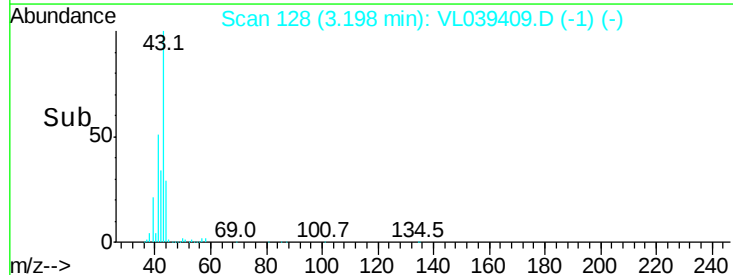
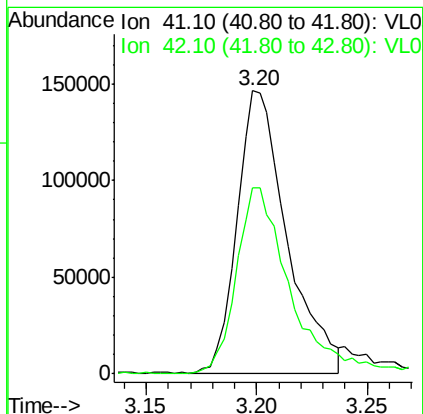
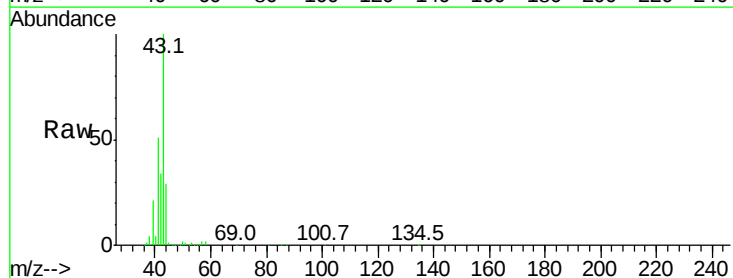
Acq: 29 Jun 2022 23:44

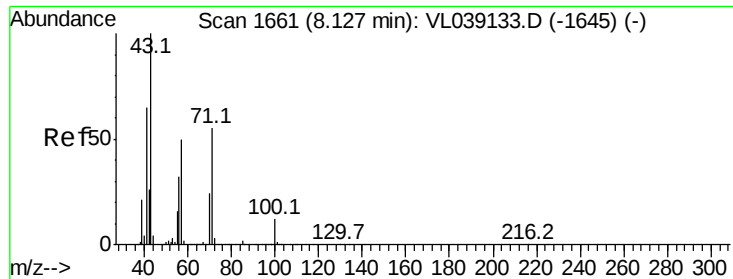
Tgt Ion: 41 Resp: 229710

Ion Ratio Lower Upper

41 100

42 73.6 55.2 82.8





#10

Heptane

Concen: 0.10 ppbv

RT: 8.10 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: IA1DUP

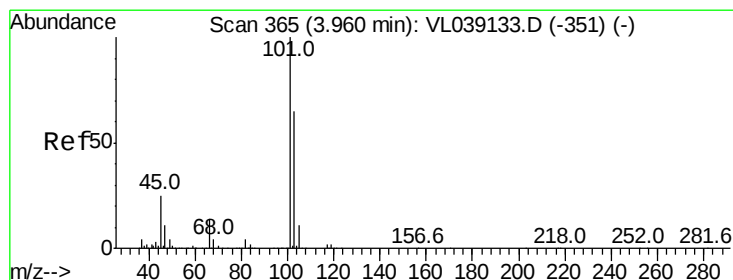
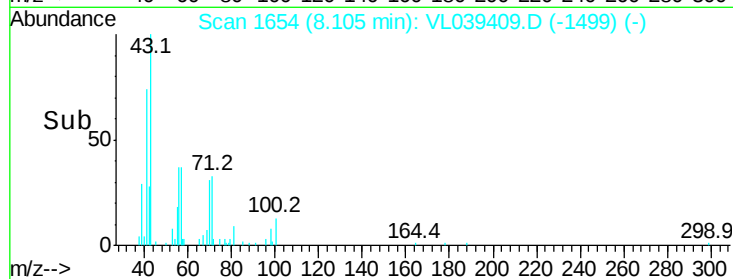
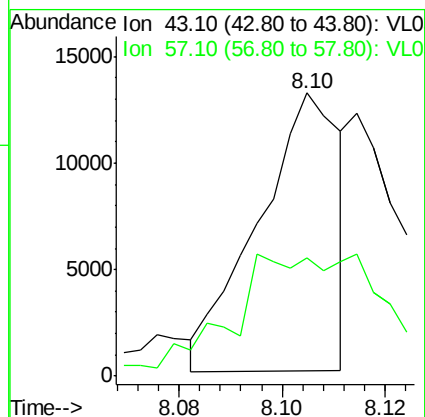
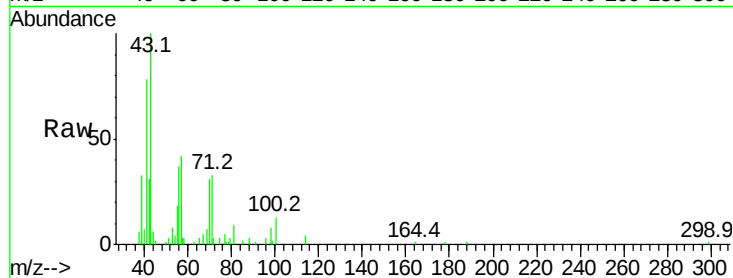
Acq: 29 Jun 2022 23:44

Tgt Ion: 43 Resp: 14343

Ion Ratio Lower Upper

43 100

57 0.0 40.5 60.7#



#11

Trichlorofluoromethane

Concen: 0.24 ppbv

RT: 3.94 min Scan# 360

Delta R.T. 0.01 min

Lab File: VL039409.D

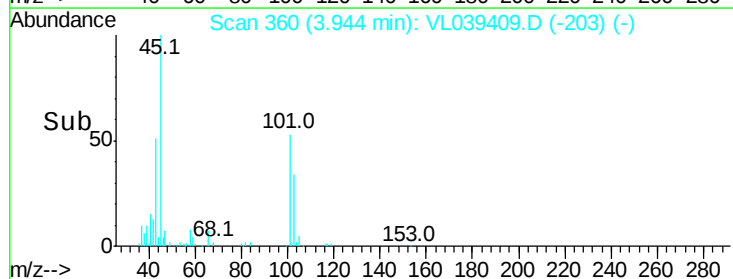
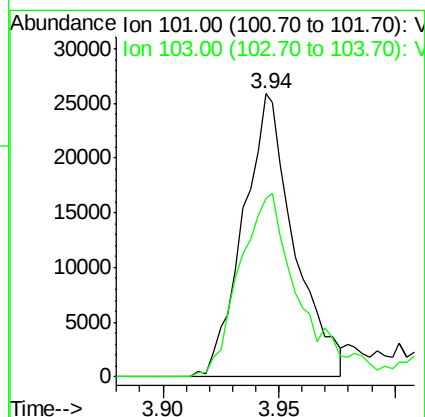
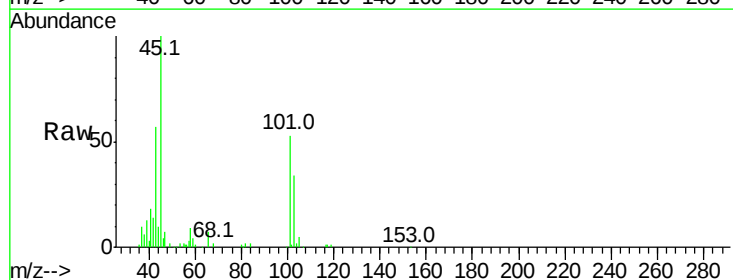
Acq: 29 Jun 2022 23:44

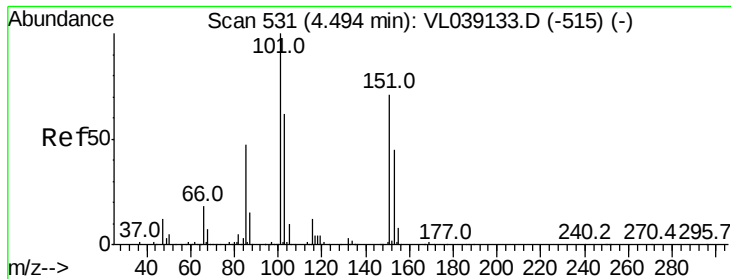
Tgt Ion: 101 Resp: 39665

Ion Ratio Lower Upper

101 100

103 63.1 51.8 77.8





#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.07 ppbv

RT: 4.48 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

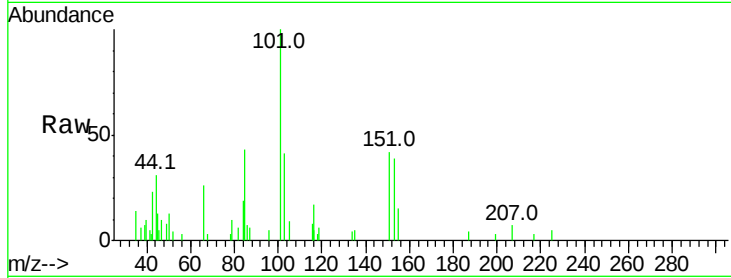
Acq: 29 Jun 2022 23:44

Tgt Ion: 101 Resp: 9075

Ion Ratio Lower Upper

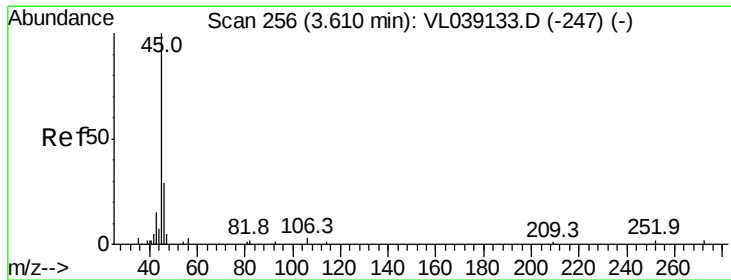
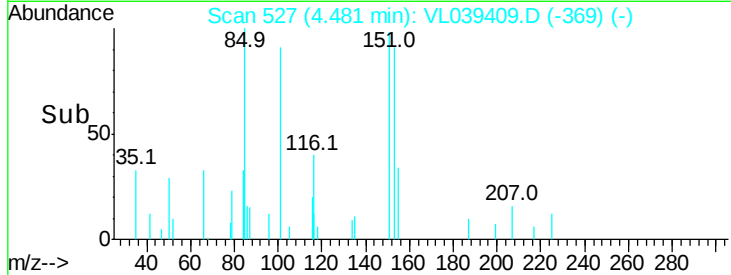
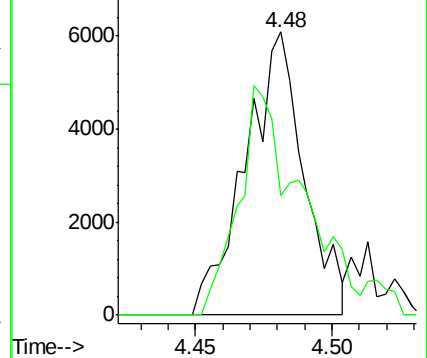
101 100

151 91.7 58.9 88.3#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 151.00 (150.70 to 151.70): V



#13

Ethanol

Concen: 292.08 ppbv

RT: 3.59 min Scan# 250

Delta R.T. -0.00 min

Lab File: VL039409.D

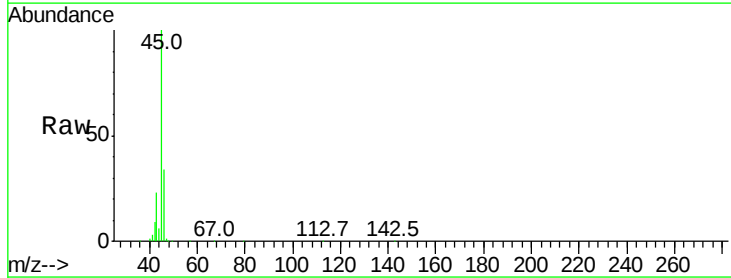
Acq: 29 Jun 2022 23:44

Tgt Ion: 45 Resp: 1011906

Ion Ratio Lower Upper

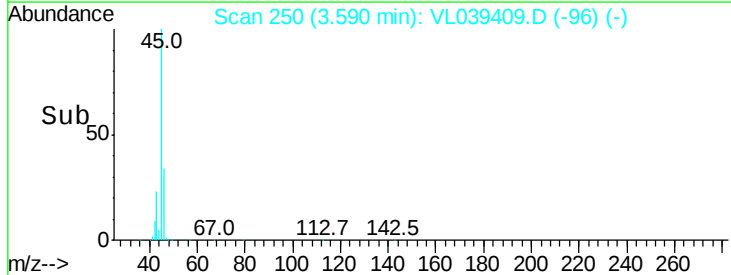
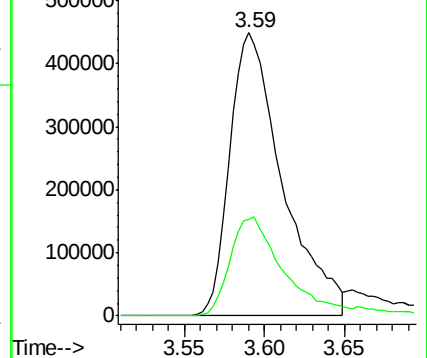
45 100

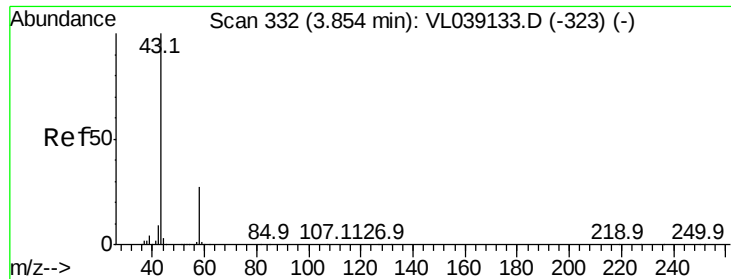
46 38.2 22.8 91.2



Abundance Ion 45.10 (44.80 to 45.80): VL0

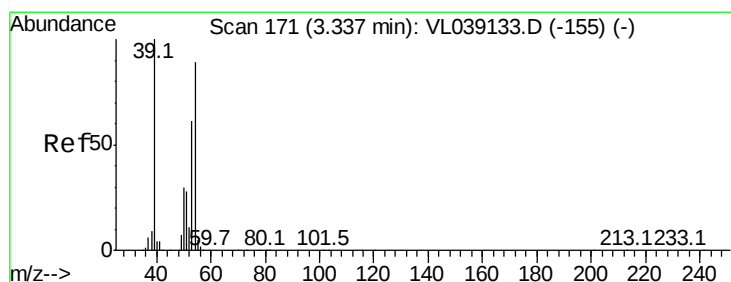
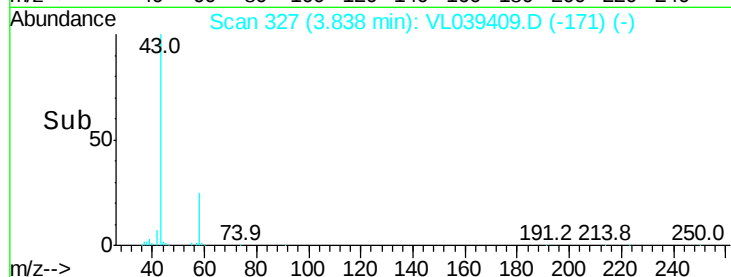
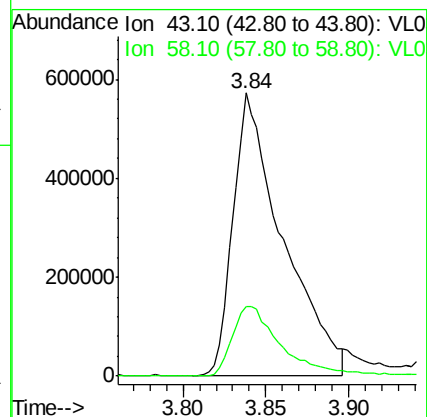
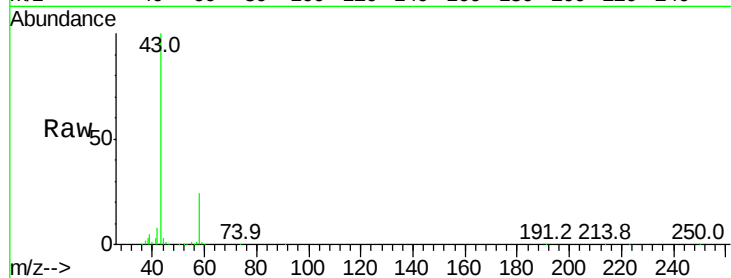
Ion 46.10 (45.80 to 46.80): VL0



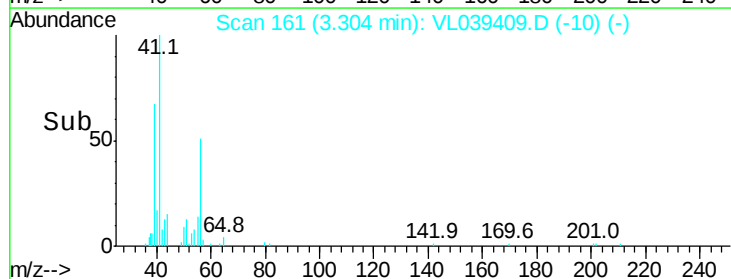
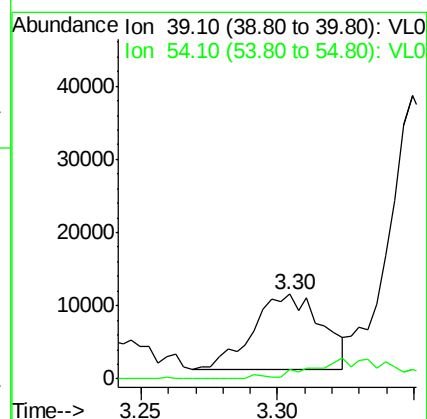
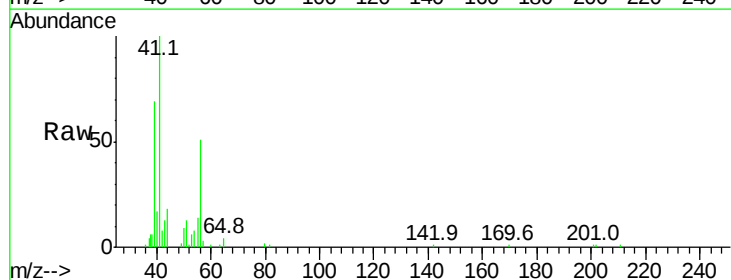


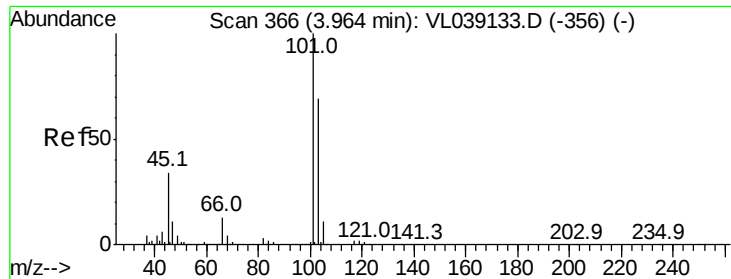
#15
Acetone
Concen: 9.62 ppbv
RT: 3.84
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 29 Jun 2022 23:44

Tgt Ion: 43 Resp: 1186772
Ion Ratio Lower Upper
43 100
58 24.8 21.0 31.6



#16
1,3-Butadiene
Concen: 0.28 ppbv
RT: 3.30 min Scan# 161
Delta R.T. -0.01 min
Lab File: VL039409.D
Acq: 29 Jun 2022 23:44
Tgt Ion: 39 Resp: 17881
Ion Ratio Lower Upper
39 100
54 41.7 63.7 95.5#





#19

Isopropyl Alcohol

Concen: 3.28 ppbv

RT: 3.96 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId: IA1DUP

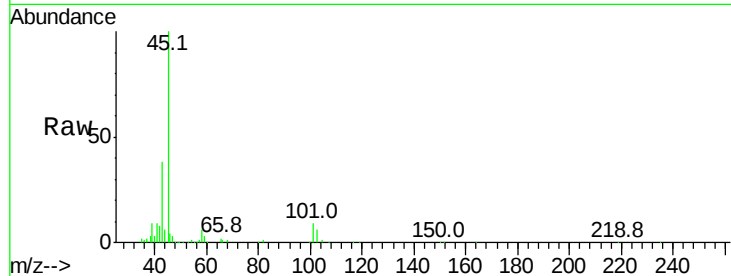
Acq: 29 Jun 2022 23:44

Tgt Ion: 45 Resp: 215976

Ion Ratio Lower Upper

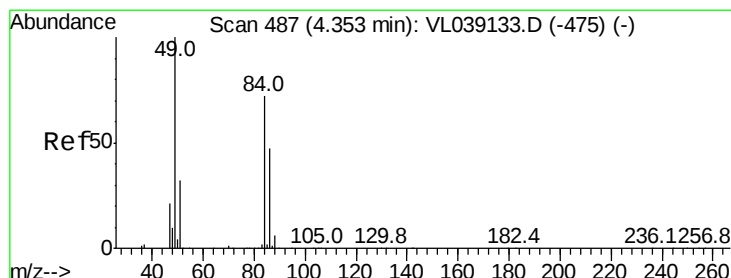
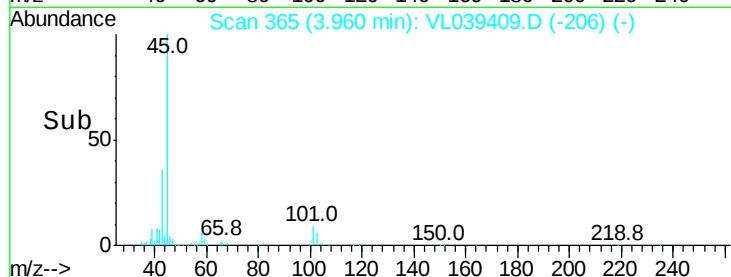
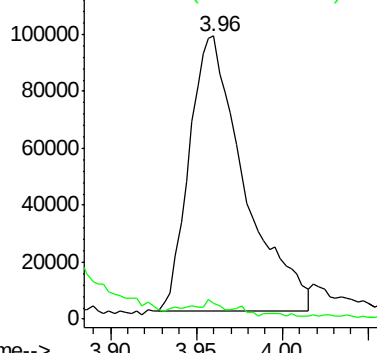
45 100

58 5.1 3.2 4.8#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#20

Methylene Chloride

Concen: 1.83 ppbv

RT: 4.34 min Scan# 482

Delta R.T. 0.01 min

Lab File: VL039409.D

Acq: 29 Jun 2022 23:44

Tgt Ion: 84 Resp: 90117

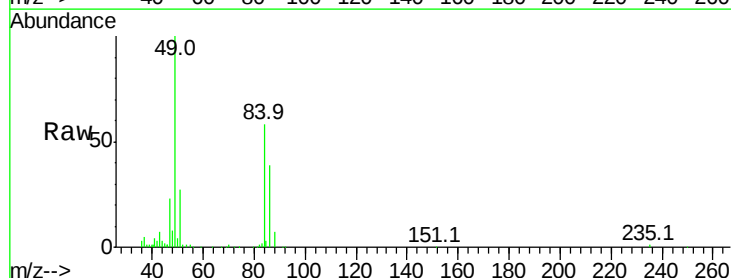
Ion Ratio Lower Upper

84 100

49 171.3 123.1 184.7

51 45.7 34.4 51.6

86 65.5 51.1 76.7

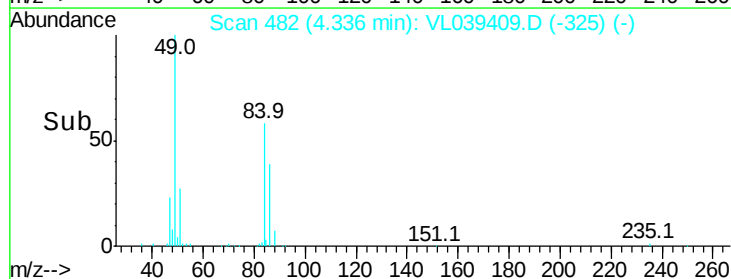
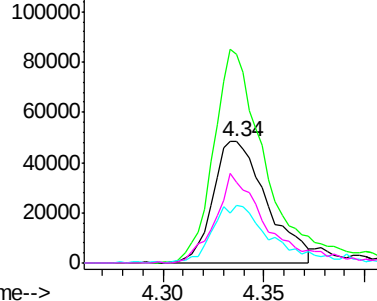


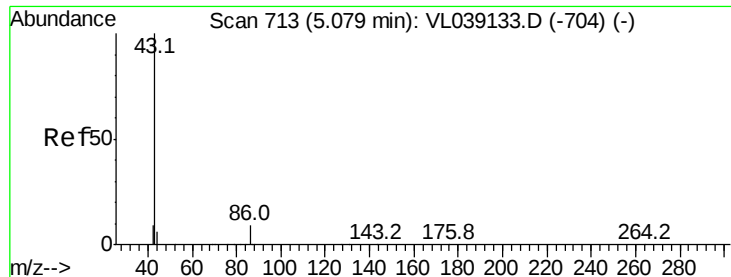
Abundance Ion 84.00 (83.70 to 84.70): VL0

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





#23

Vinyl Acetate

Concen: 0.85 ppbv

RT: 5.05 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: IA1DUP

Acq: 29 Jun 2022 23:44

Tgt Ion: 43 Resp: 69855

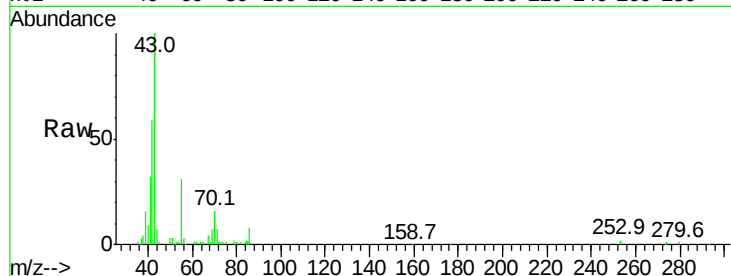
Ion Ratio Lower Upper

43 100

86 7.9 5.0 7.6#

42 57.0 7.7 11.5#

44 1.3 4.6 7.0#

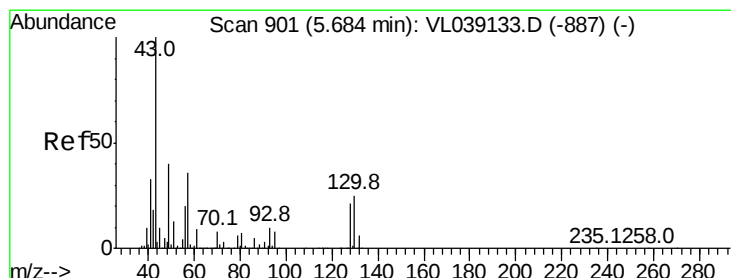
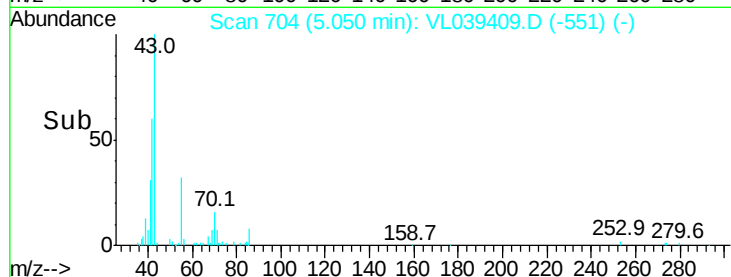
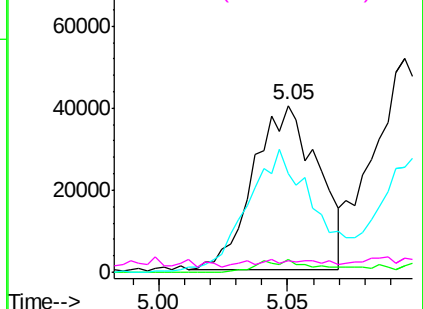


Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 86.10 (85.80 to 86.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

Ion 44.10 (43.80 to 44.80): VL0



#25

Ethyl Acetate

Concen: 0.60 ppbv

RT: 5.67 min Scan# 897

Delta R.T. 0.01 min

Lab File: VL039409.D

Acq: 29 Jun 2022 23:44

Tgt Ion: 43 Resp: 152869

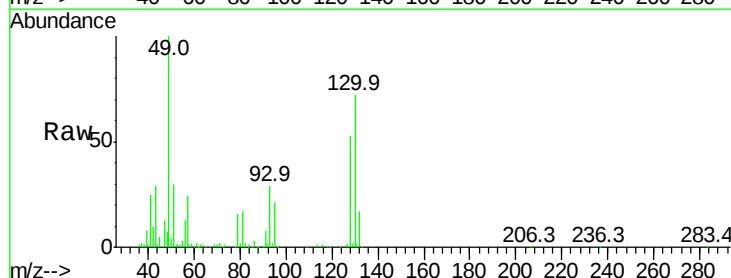
Ion Ratio Lower Upper

43 100

45 39.9 8.2 12.4#

61 8.7 8.3 12.5

70 5.8 5.9 8.9#

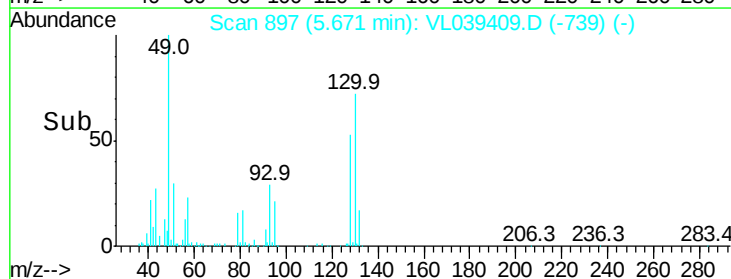
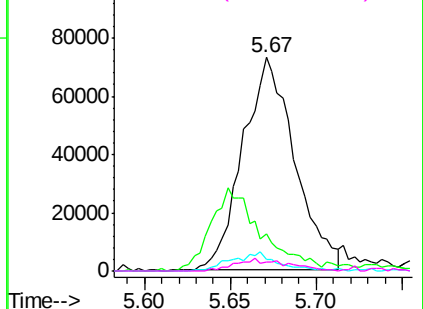


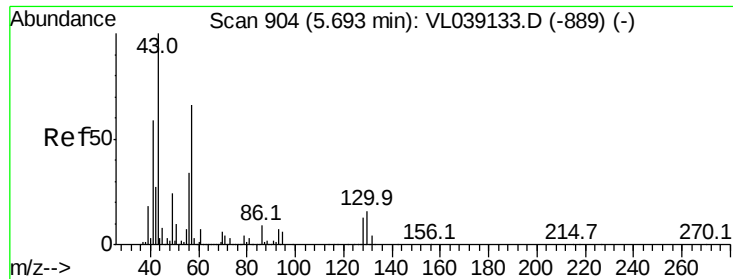
Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 45.10 (44.80 to 45.80): VL0

Ion 61.10 (60.80 to 61.80): VL0

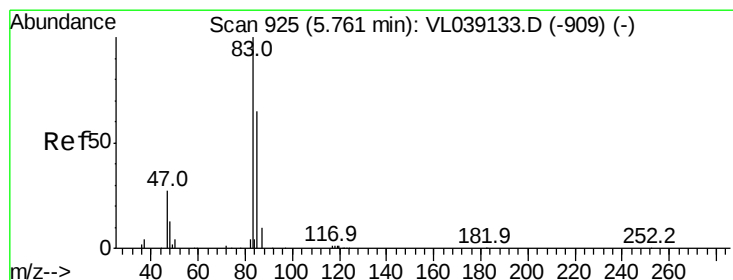
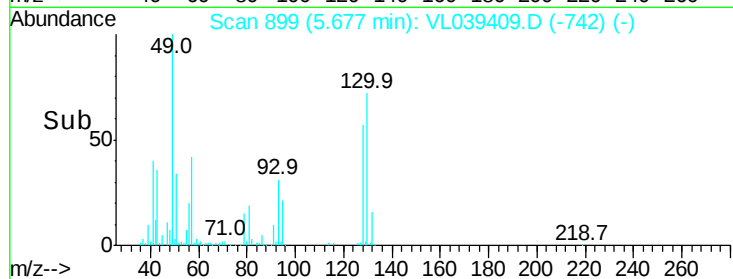
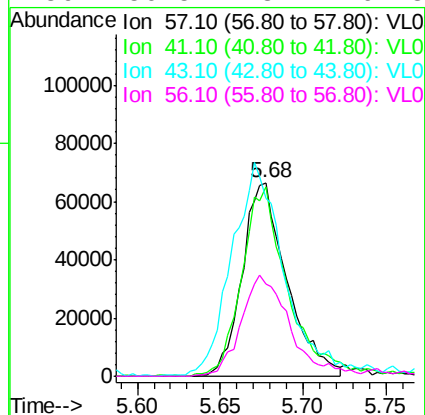
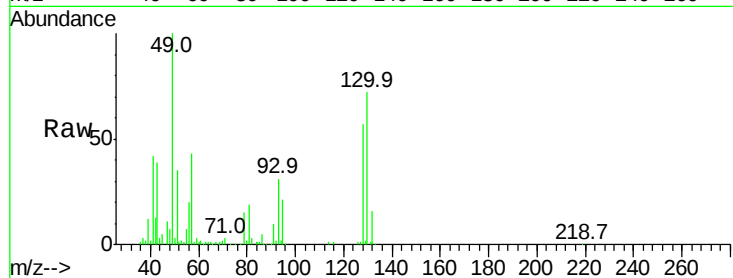
Ion 70.10 (69.80 to 70.80): VL0





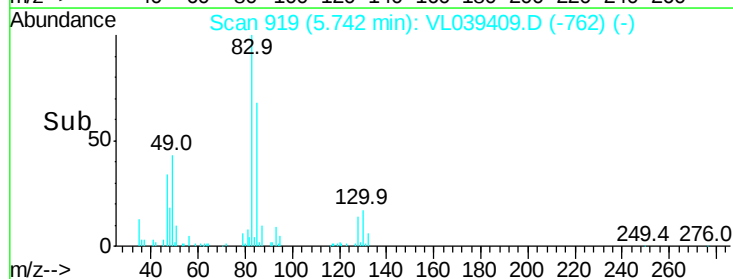
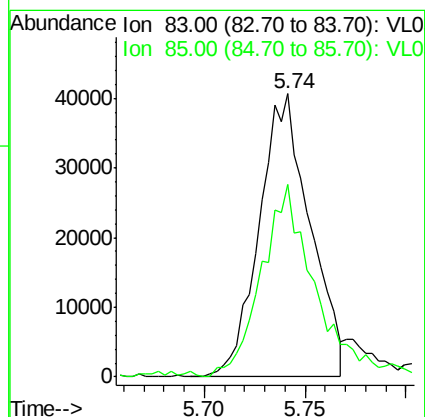
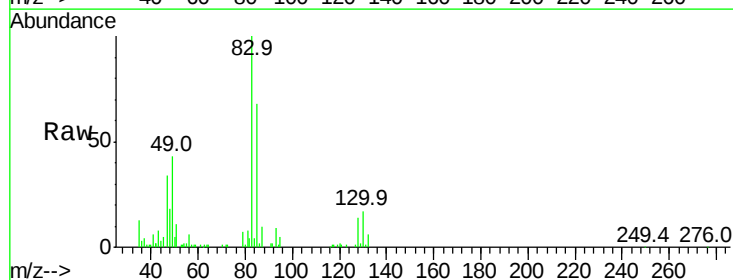
#26
Hexane
Concen: 1.23 ppbv
RT: 5.68
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 29 Jun 2022 23:44

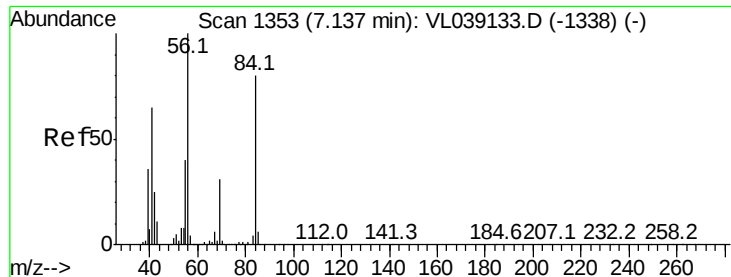
Tgt Ion:	57	Resp:	125032
Ion	Ratio	Lower	Upper
57	100		
41	101.9	76.9	115.3
43	131.6	191.0	286.6#
56	56.5	43.2	64.8



#29
Chloroform
Concen: 0.40 ppbv
RT: 5.74 min Scan# 919
Delta R.T. 0.01 min
Lab File: VL039409.D
Acq: 29 Jun 2022 23:44

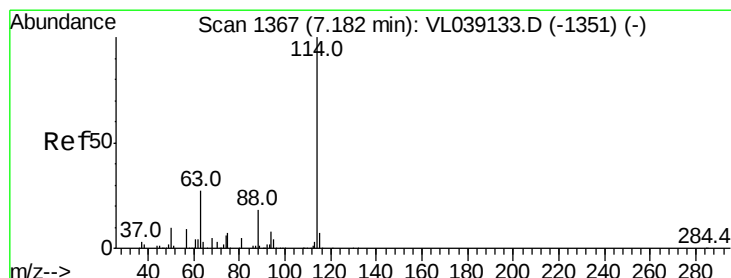
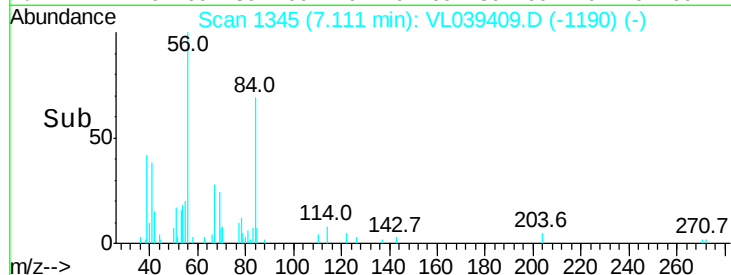
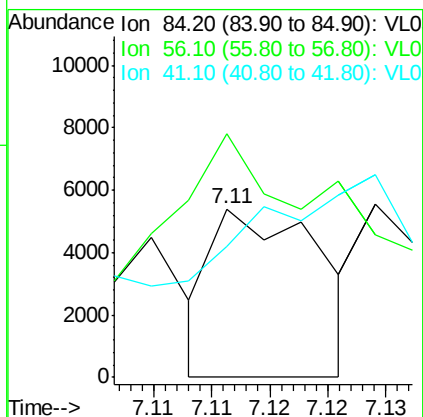
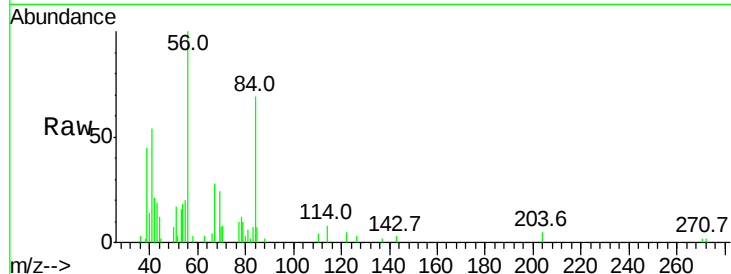
Tgt Ion:	83	Resp:	71132
Ion	Ratio	Lower	Upper
83	100		
85	65.8	52.8	79.2





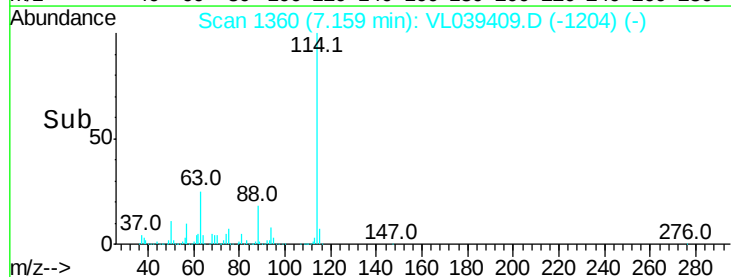
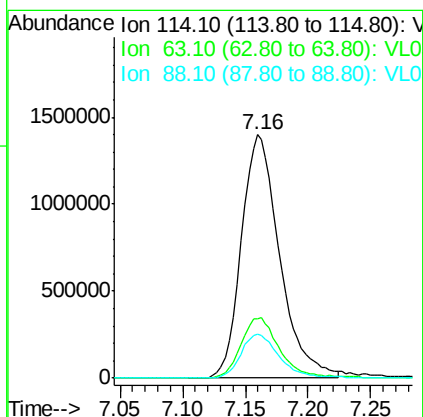
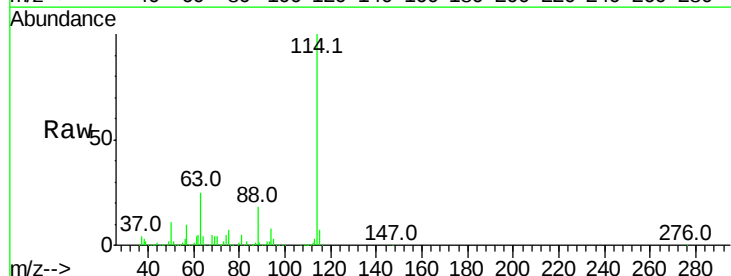
#30
Cyclohexane
Concen: 0.04 ppbv
RT: 7.11 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 29 Jun 2022 23:44

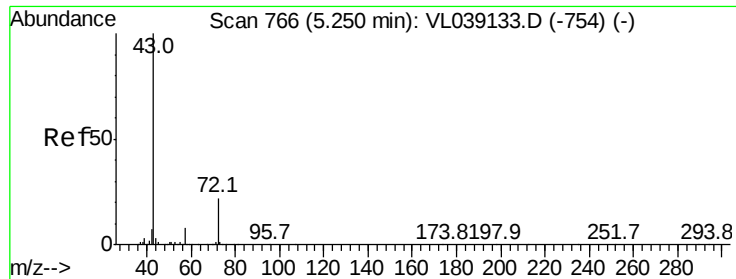
Tgt Ion: 84 Resp: 3482
Ion Ratio Lower Upper
84 100
56 0.0 107.7 161.5#
41 0.0 67.7 101.5#



#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.16 min Scan# 1360
Delta R.T.: 0.00 min
Lab File: VL039409.D
Acq: 29 Jun 2022 23:44

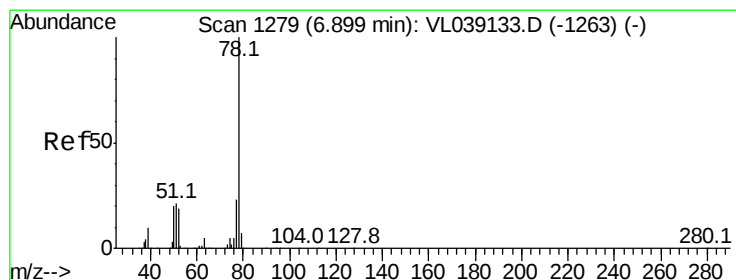
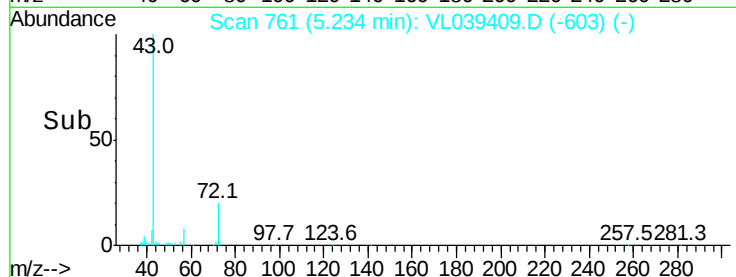
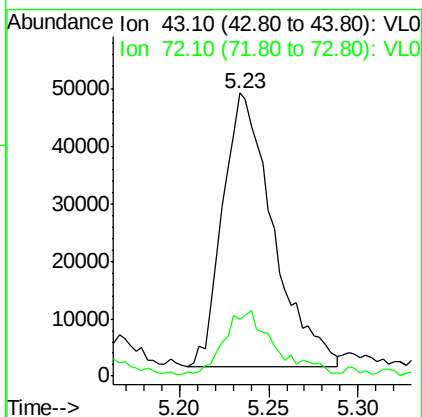
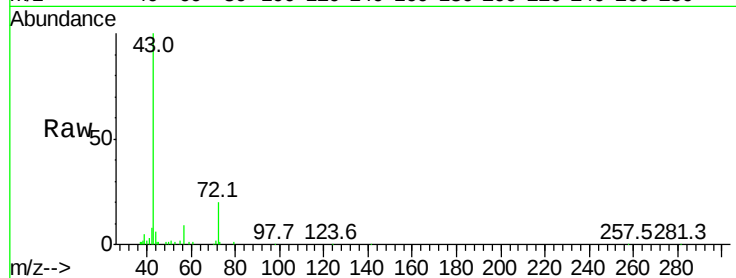
Tgt Ion: 114 Resp: 2974736
Ion Ratio Lower Upper
114 100
63 25.5 20.2 30.4
88 18.4 14.5 21.7





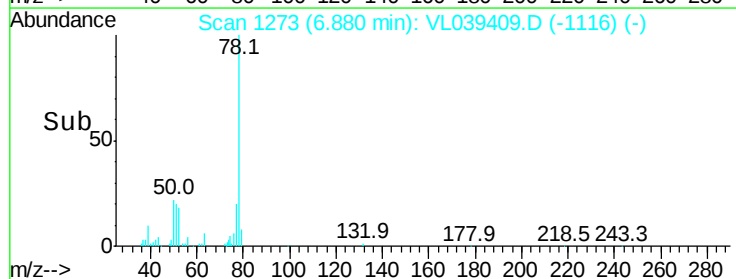
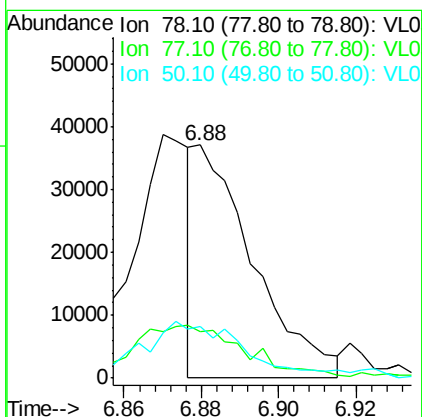
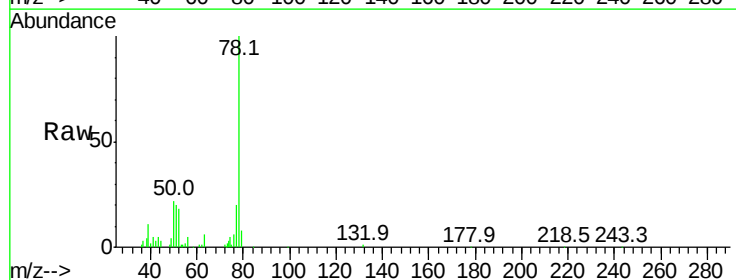
#34
2-Butanone
Concen: 0.63 ppbv
RT: 5.23
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 29 Jun 2022 23:44

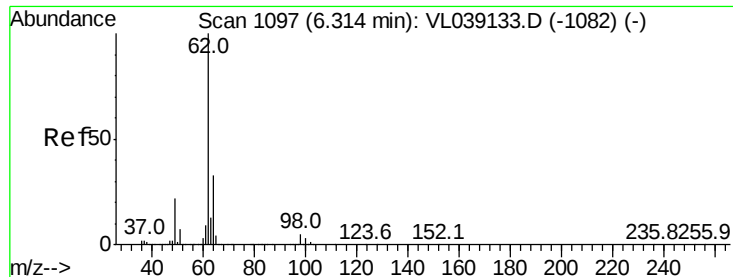
Tgt Ion: 43 Resp: 93929
Ion Ratio Lower Upper
43 100
72 24.3 17.9 26.9



#36
Benzene
Concen: 0.17 ppbv
RT: 6.88 min Scan# 1273
Delta R.T. 0.01 min
Lab File: VL039409.D
Acq: 29 Jun 2022 23:44

Tgt Ion: 78 Resp: 38699
Ion Ratio Lower Upper
78 100
77 20.5 20.3 30.5
50 20.3 15.5 23.3





#37

1,2-Dichloroethane

Concen: 0.06 ppbv

RT: 6.29 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

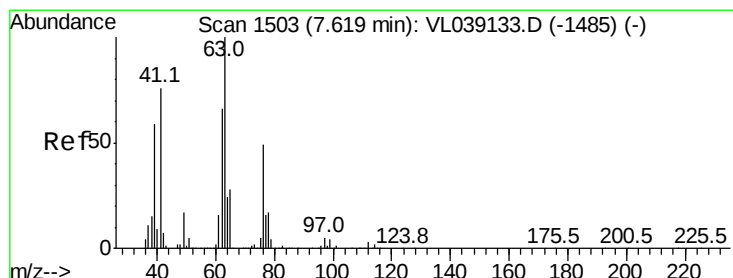
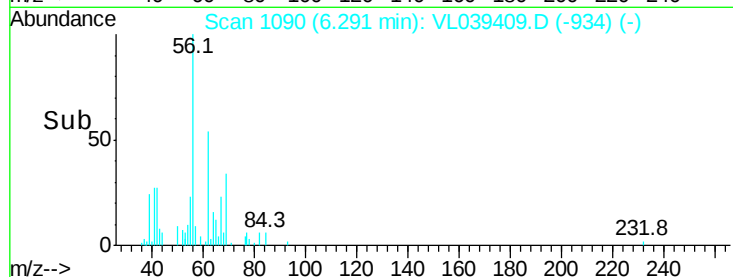
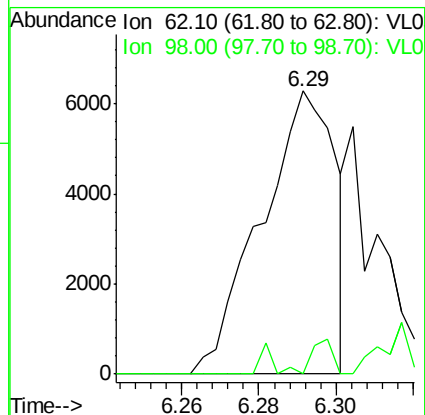
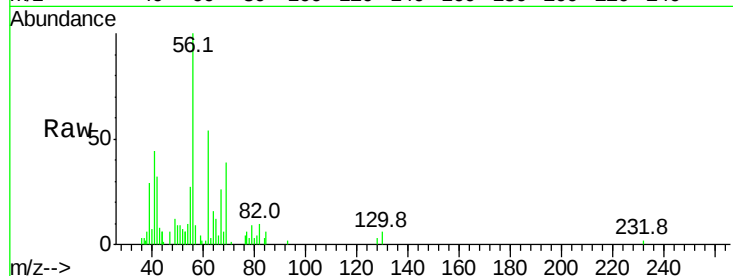
Acq: 29 Jun 2022 23:44

Tgt Ion: 62 Resp: 8362

Ion Ratio Lower Upper

62 100

98 0.0 5.1 7.7#



#39

1,2-Dichloropropane

Concen: 8.70 ppbv

RT: 7.16 min Scan# 1361

Delta R.T. -0.43 min

Lab File: VL039409.D

Acq: 29 Jun 2022 23:44

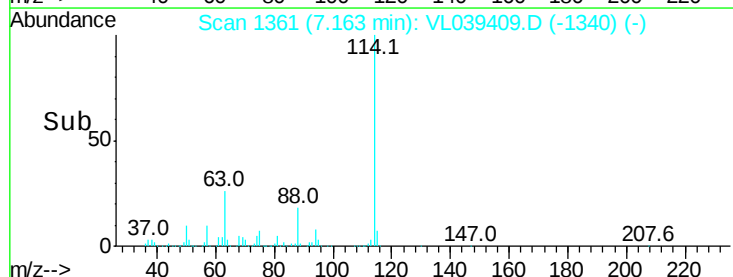
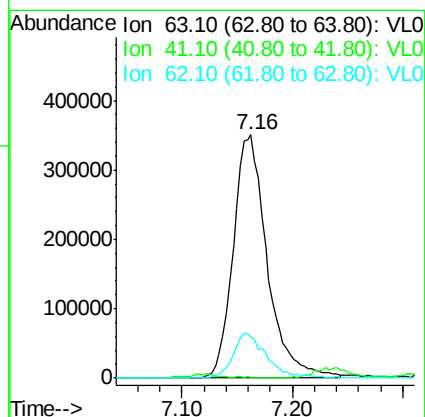
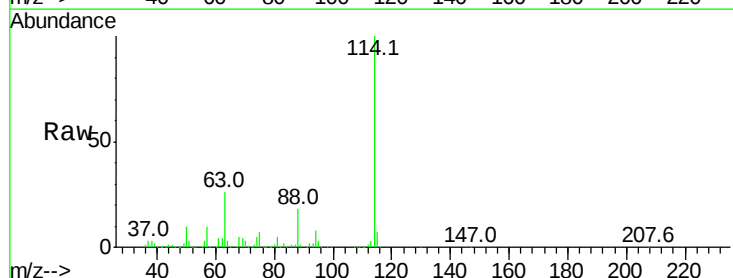
Tgt Ion: 63 Resp: 748281

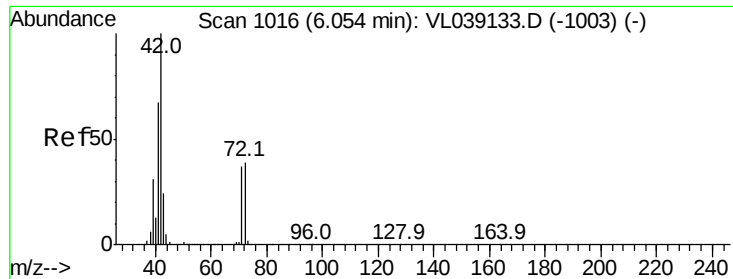
Ion Ratio Lower Upper

63 100

41 0.0 59.6 89.4#

62 17.1 51.4 77.0#





#41

Tetrahydrofuran

Concen: 0.04 ppbv

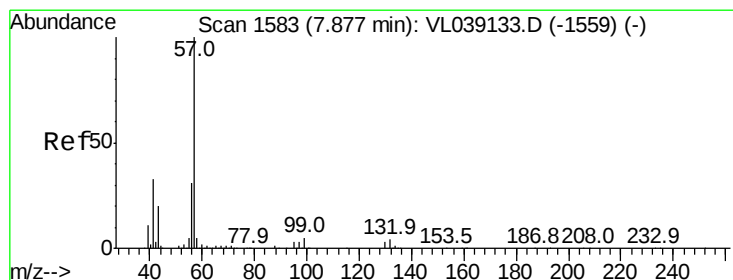
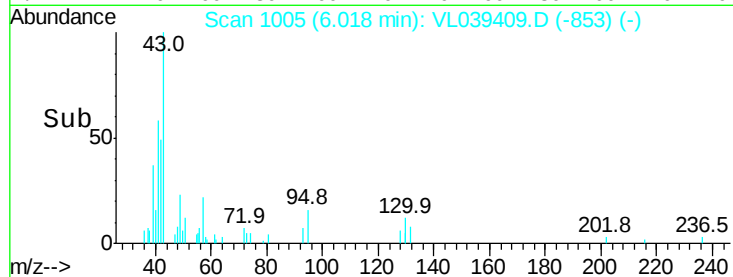
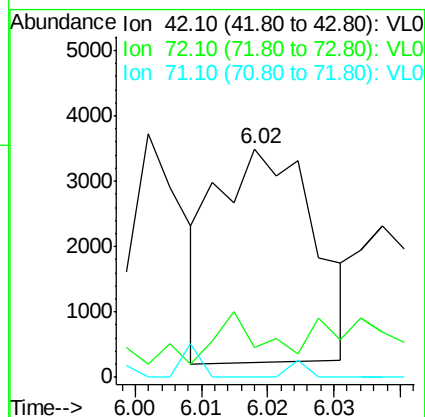
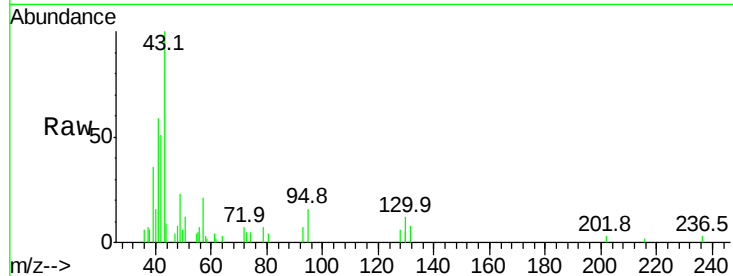
RT: 6.02 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 29 Jun 2022 23:44

Tgt Ion:	42	Resp:	3377
Ion	Ratio	Lower	Upper
42	100		
72	0.0	31.8	47.8#
71	0.0	31.8	47.8#



#44

2,2,4-Trimethylpentane

Concen: 0.48 ppbv

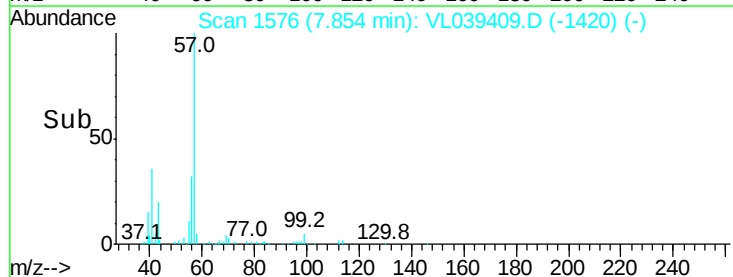
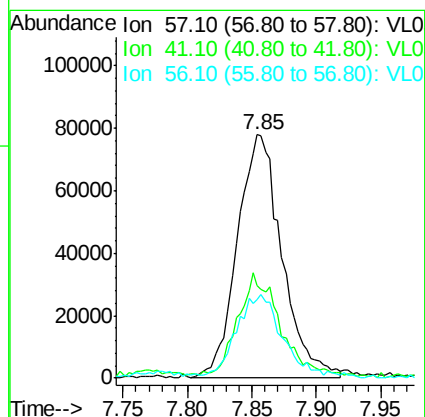
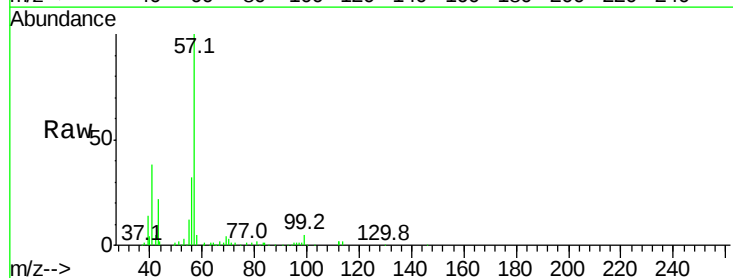
RT: 7.85 min Scan# 1576

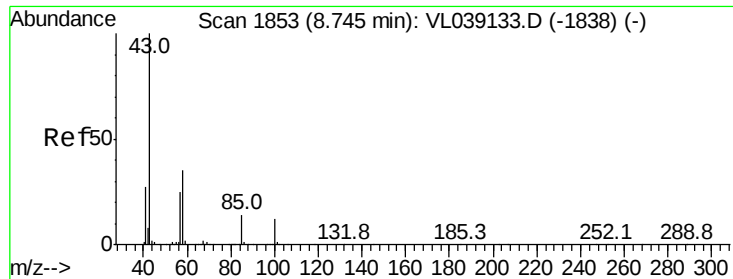
Delta R.T. 0.00 min

Lab File: VL039409.D

Acq: 29 Jun 2022 23:44

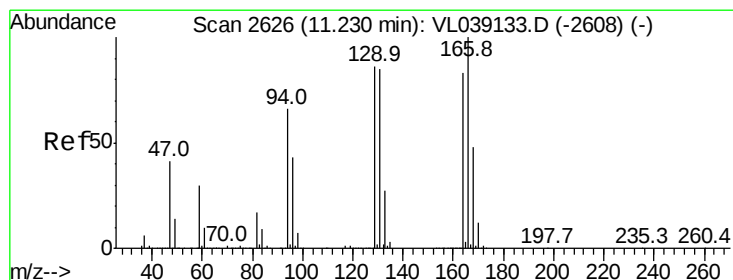
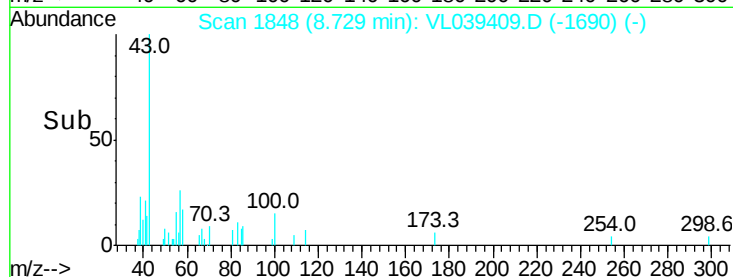
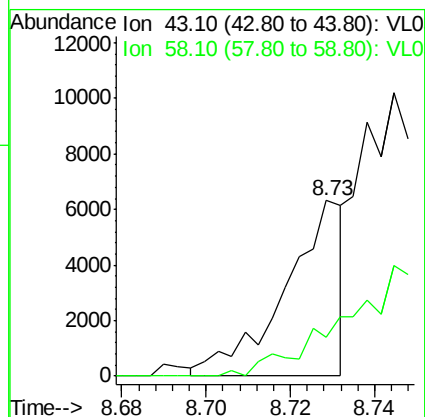
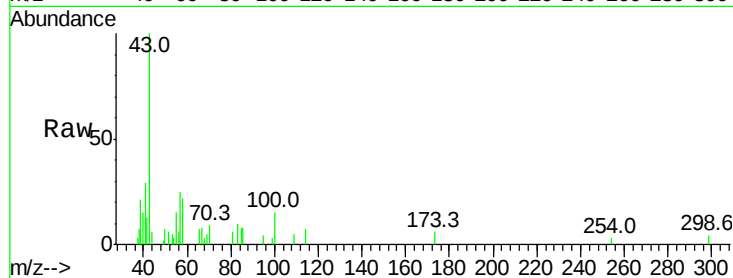
Tgt Ion:	57	Resp:	186376
Ion	Ratio	Lower	Upper
57	100		
41	42.8	27.4	41.2#
56	36.2	24.5	36.7





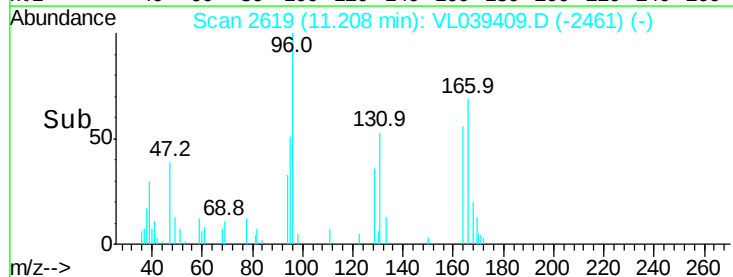
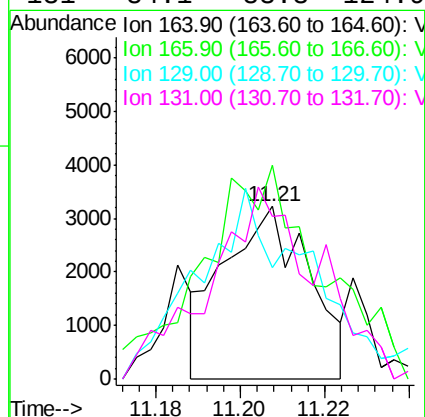
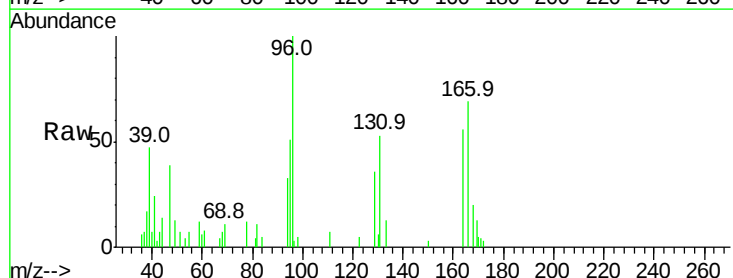
#50
4-Methyl-2-Pentanone
Concen: 0.03 ppbv
RT: 8.73
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
IA1DUP
Acq: 29 Jun 2022 23:44

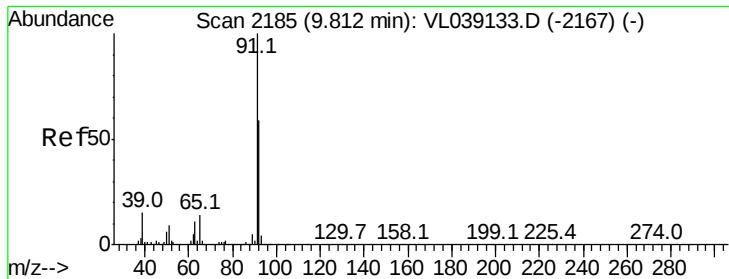
Tgt Ion: 43 Resp: 6068
Ion Ratio Lower Upper
43 100
58 0.0 28.8 43.2#



#52
Tetrachloroethene
Concen: 0.05 ppbv
RT: 11.21 min Scan# 2619
Delta R.T. 0.01 min
Lab File: VL039409.D
Acq: 29 Jun 2022 23:44

Tgt Ion:164 Resp: 4540
Ion Ratio Lower Upper
164 100
166 95.2 102.2 153.2#
129 32.6 85.8 128.8#
131 84.1 83.3 124.9





#53

Toluene

Concen: 0.67 ppbv

RT: 9.79 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

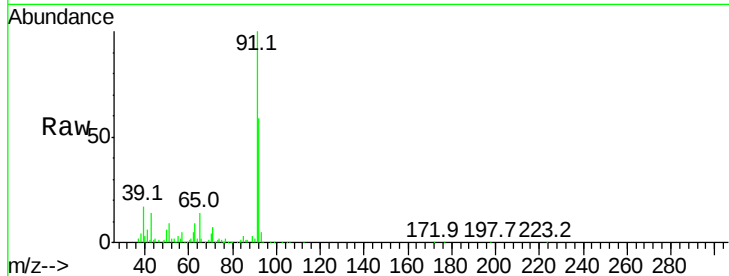
Acq: 29 Jun 2022 23:44

Tgt Ion: 91 Resp: 177495

Ion Ratio Lower Upper

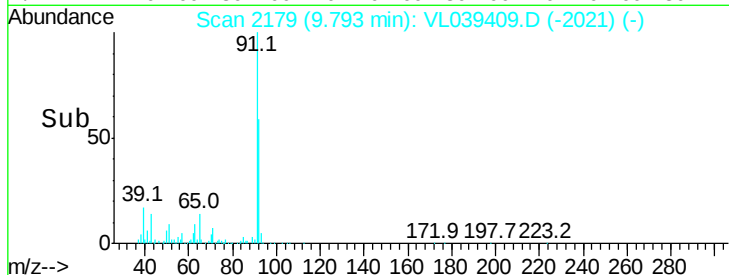
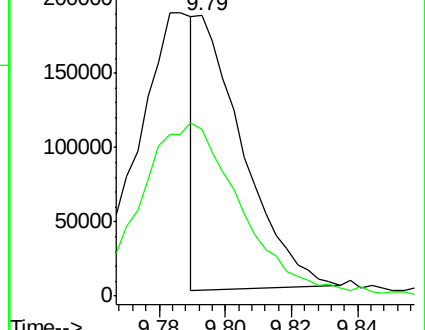
91 100

92 144.0 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: 12.07 min Scan# 2886

Delta R.T. -0.00 min

Lab File: VL039409.D

Acq: 29 Jun 2022 23:44

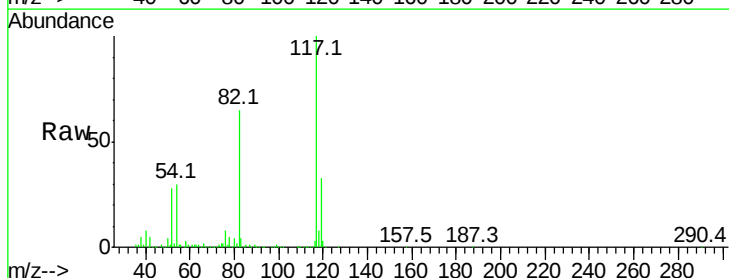
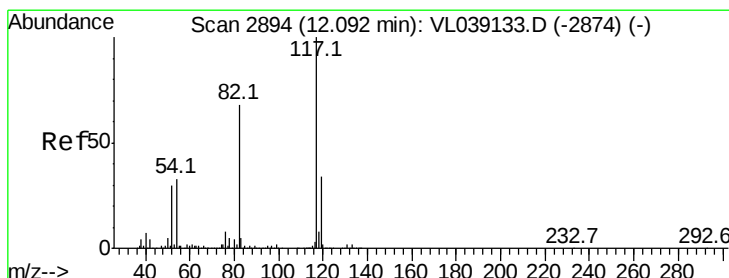
Tgt Ion: 117 Resp: 2651840

Ion Ratio Lower Upper

117 100

82 66.4 50.8 76.2

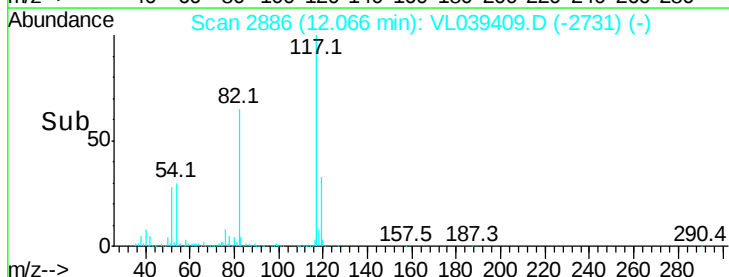
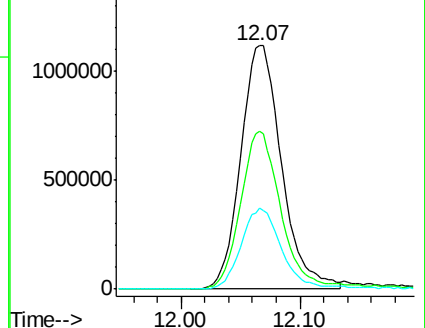
119 33.7 24.1 36.1

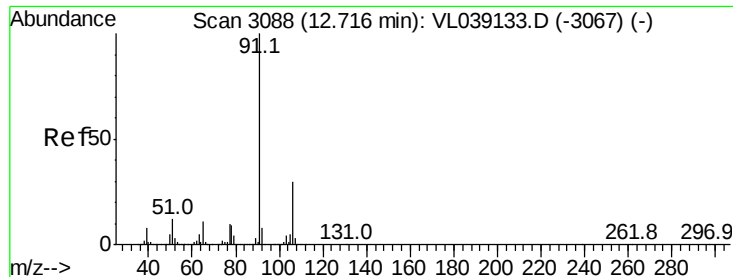


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#58

Ethyl Benzene

Concen: 0.29 ppbv

RT: 12.69

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

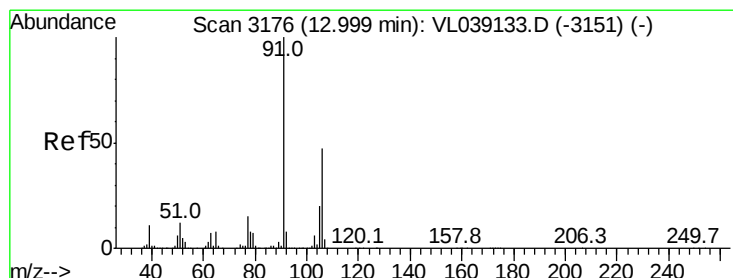
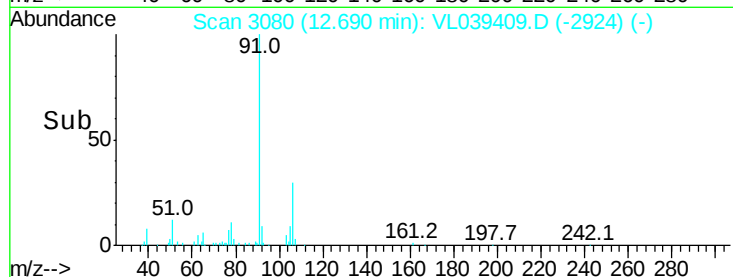
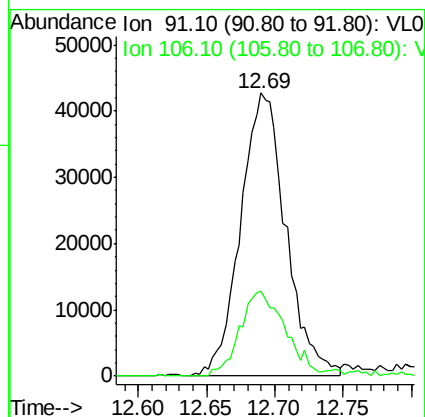
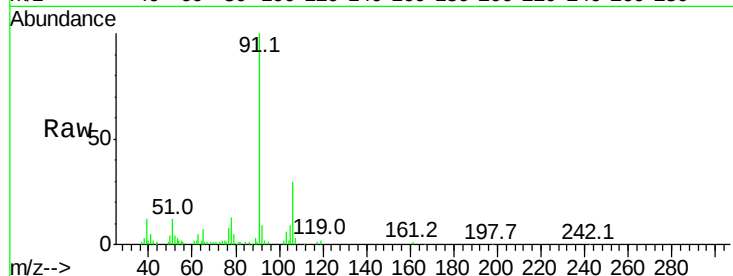
Acq: 29 Jun 2022 23:44

Tgt Ion: 91 Resp: 98529

Ion Ratio Lower Upper

91 100

106 30.0 25.4 38.0



#59

m/p-Xylene

Concen: 0.33 ppbv

RT: 12.97 min Scan# 3167

Delta R.T. -0.00 min

Lab File: VL039409.D

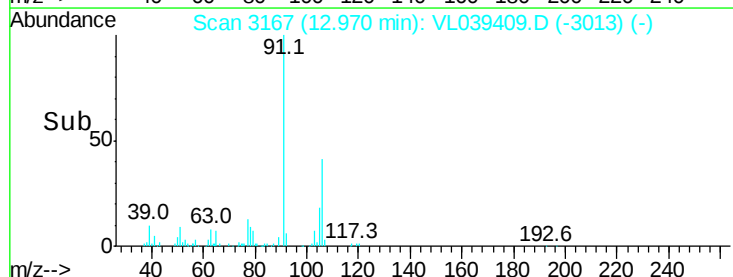
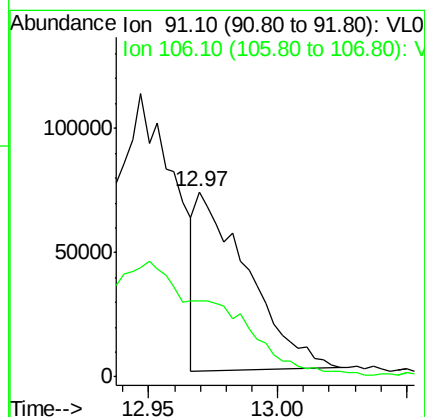
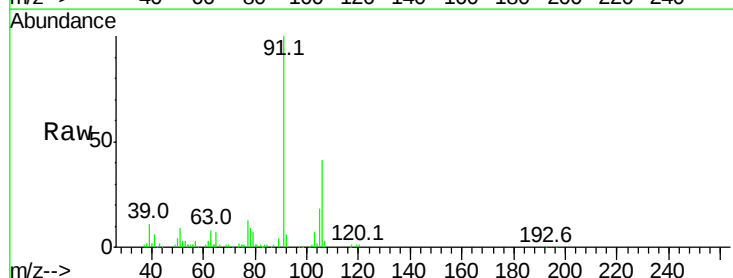
Acq: 29 Jun 2022 23:44

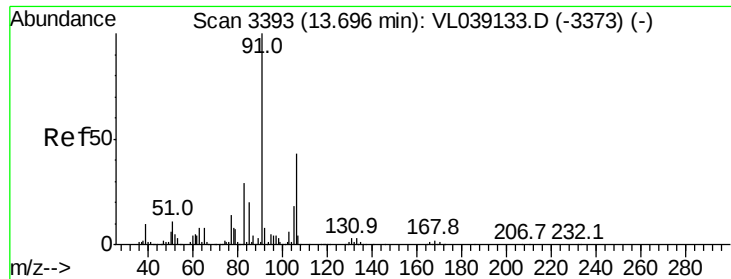
Tgt Ion: 91 Resp: 99888

Ion Ratio Lower Upper

91 100

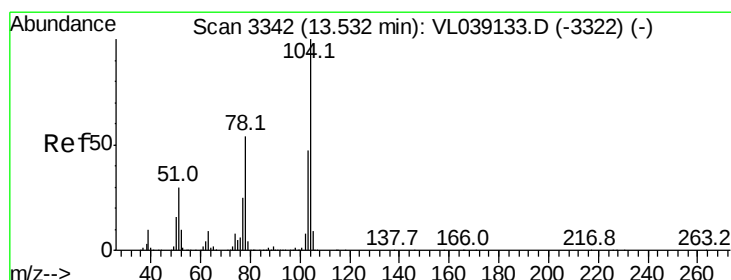
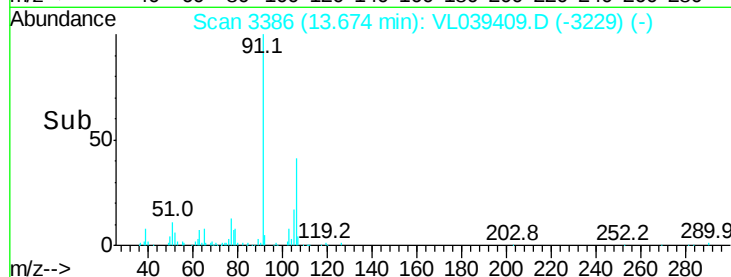
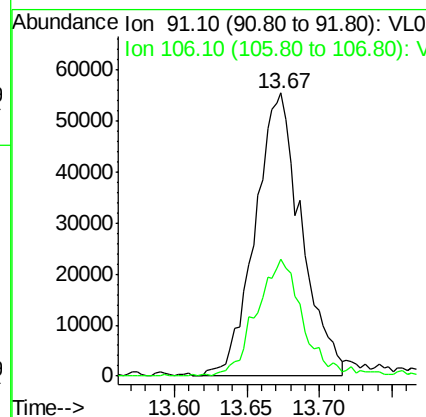
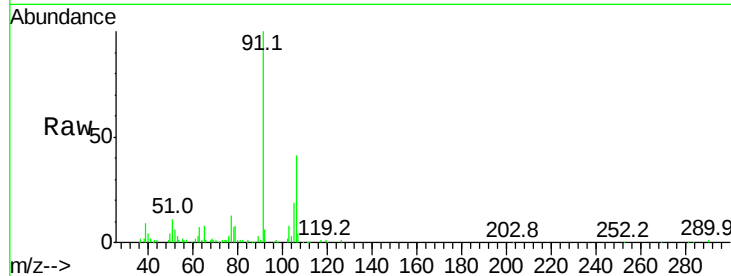
106 0.0 35.4 53.2#





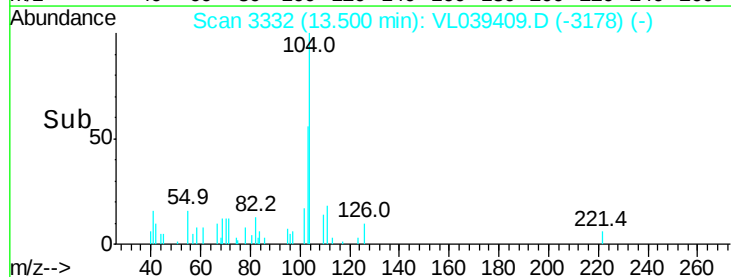
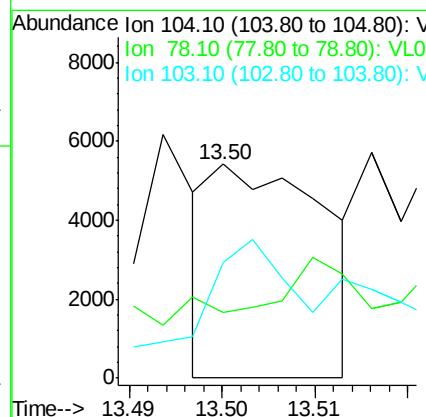
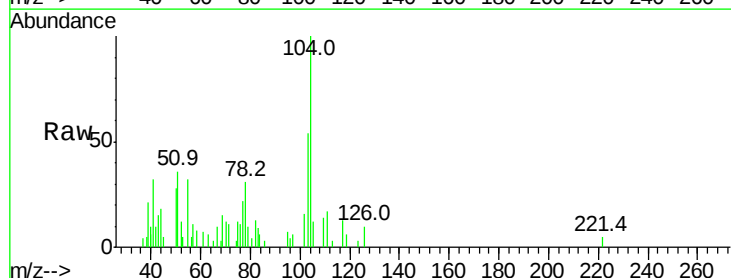
#60
o-Xylene
Concen: 0.43 ppbv
RT: 13.67
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 29 Jun 2022 23:44

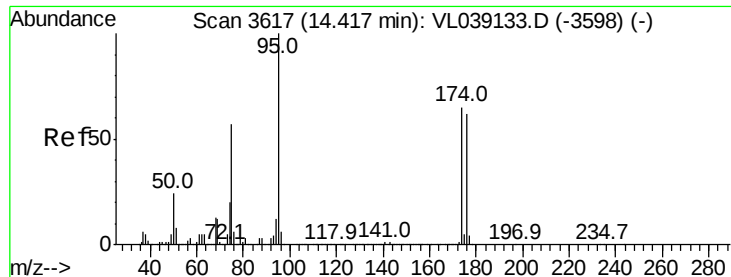
Tgt Ion: 91 Resp: 123266
Ion Ratio Lower Upper
91 100
106 41.9 22.4 67.3



#61
Styrene
Concen: 0.03 ppbv
RT: 13.50 min Scan# 3332
Delta R.T. -0.00 min
Lab File: VL039409.D
Acq: 29 Jun 2022 23:44

Tgt Ion: 104 Resp: 4592
Ion Ratio Lower Upper
104 100
78 0.0 41.2 61.8#
103 134.2 38.7 58.1#





#68

1-Bromo-4-Fluorobenzene

Concen: 10.24 ppbv

RT: 14.39

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 29 Jun 2022 23:44

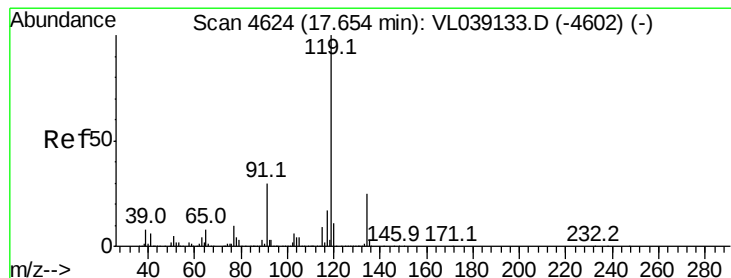
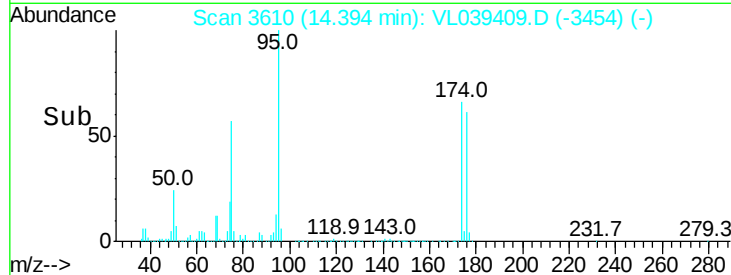
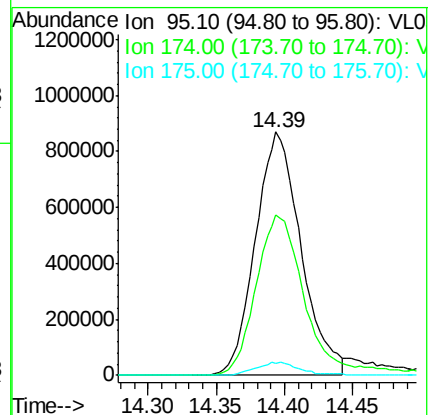
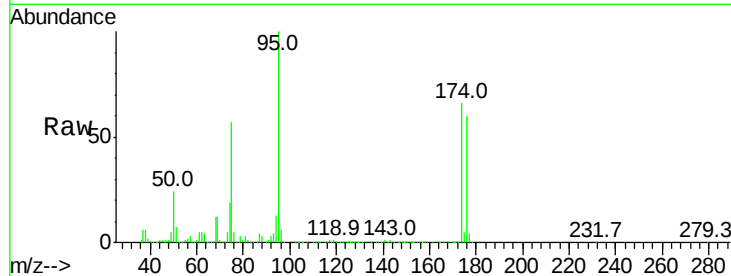
Tgt Ion: 95 Resp: 2015048

Ion Ratio Lower Upper

95 100

174 74.2 55.9 83.9

175 5.5 4.2 6.4



#69

p-Isopropyltoluene

Concen: 0.02 ppbv

RT: 17.63 min Scan# 4616

Delta R.T. 0.00 min

Lab File: VL039409.D

Acq: 29 Jun 2022 23:44

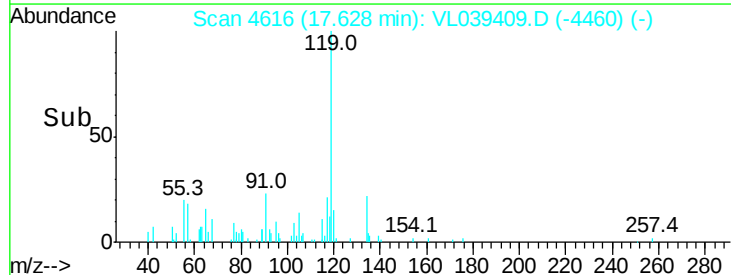
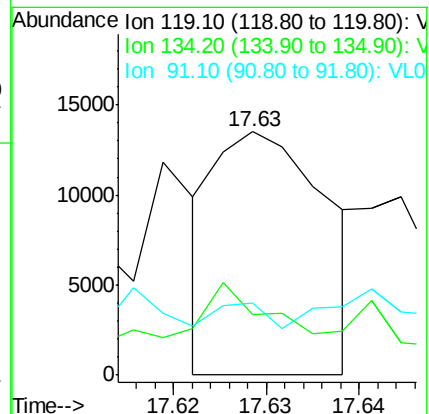
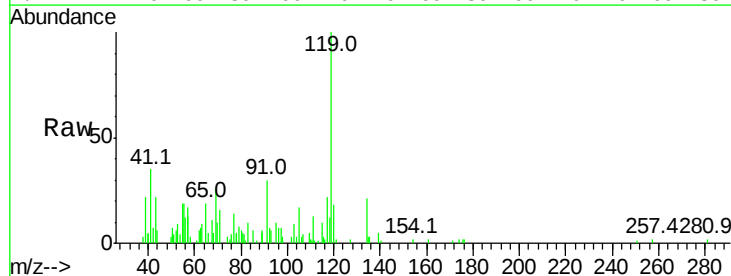
Tgt Ion: 119 Resp: 11227

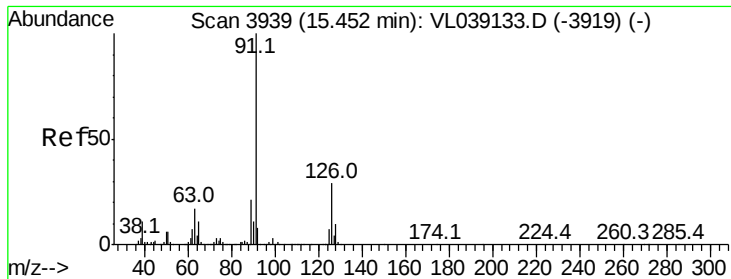
Ion Ratio Lower Upper

119 100

134 84.3 20.3 30.5#

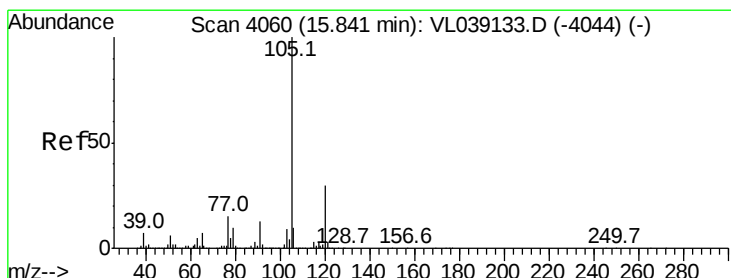
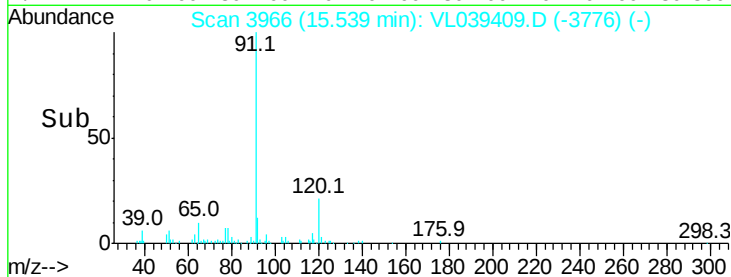
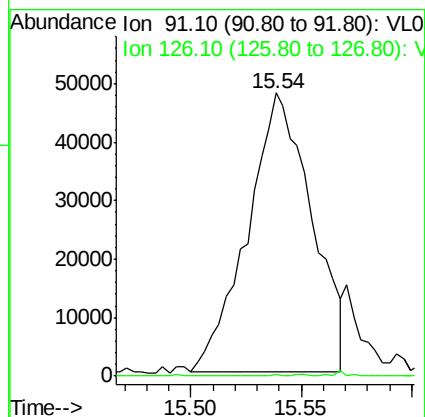
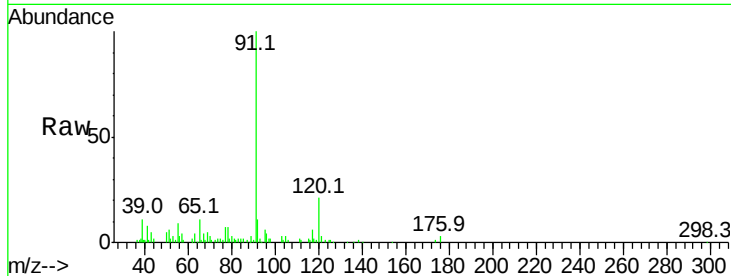
91 0.0 22.9 34.3#





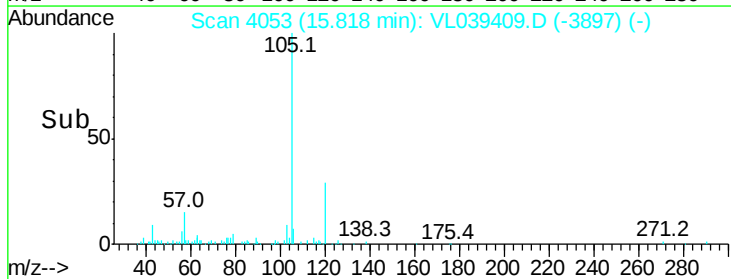
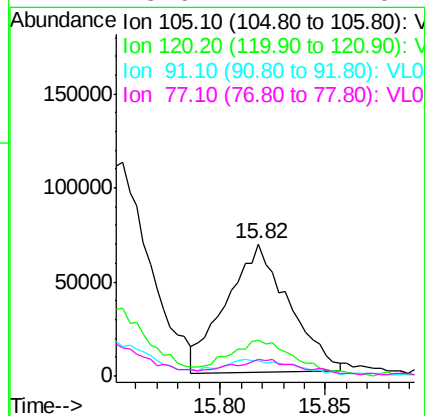
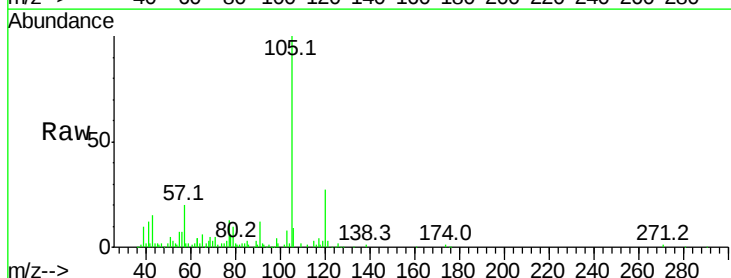
#71
 2-Chlorotoluene
 Concen: 0.31 ppbv
 RT: 15.54
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 29 Jun 2022 23:44

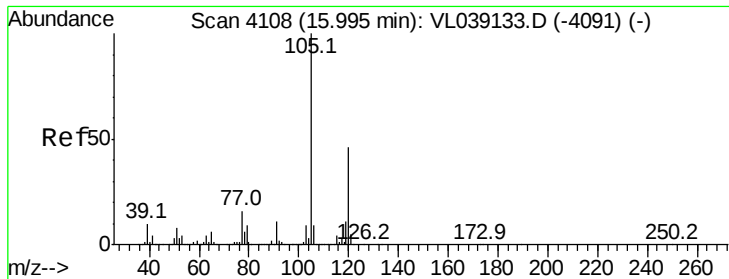
Tgt Ion: 91 Resp: 96207
 Ion Ratio Lower Upper
 91 100
 126 0.4 13.0 51.8#



#72
 4-Ethyltoluene
 Concen: 0.42 ppbv
 RT: 15.82 min Scan# 4053
 Delta R.T. 0.00 min
 Lab File: VL039409.D
 Acq: 29 Jun 2022 23:44

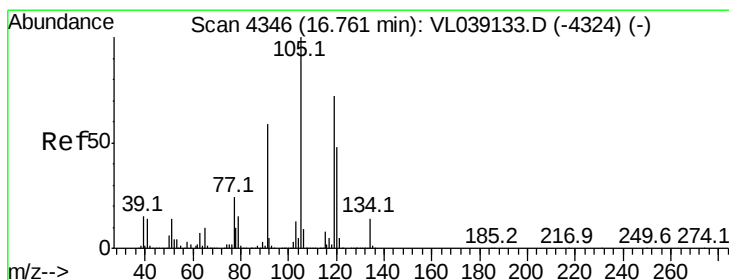
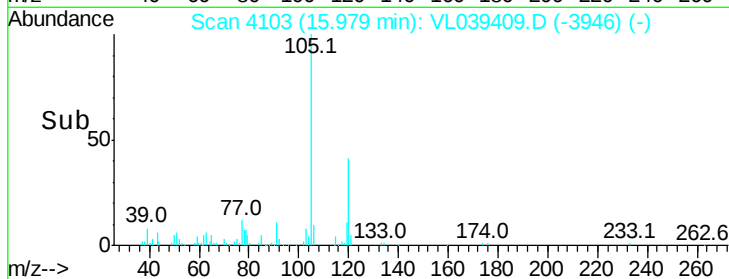
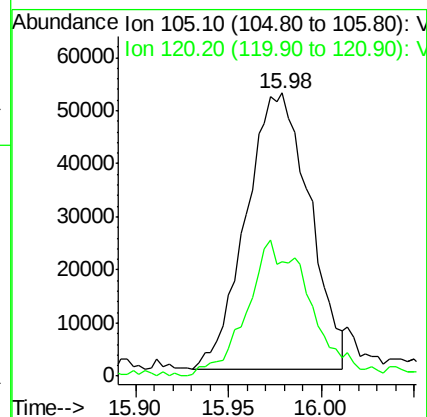
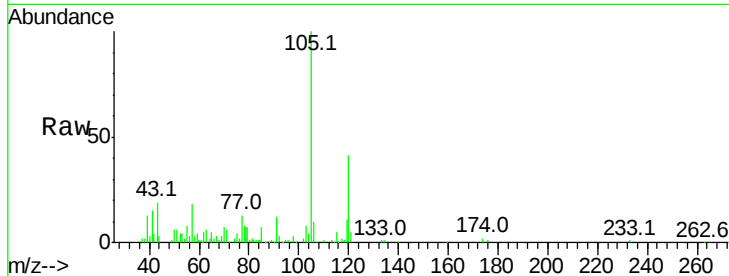
Tgt Ion: 105 Resp: 141080
 Ion Ratio Lower Upper
 105 100
 120 31.7 24.2 36.2
 91 14.7 10.2 15.4
 77 15.6 11.1 16.7





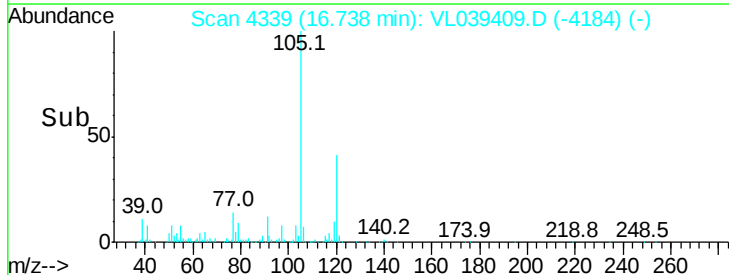
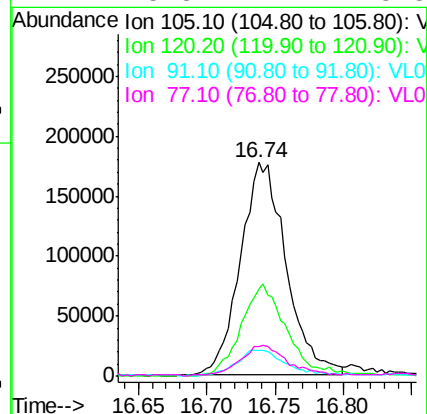
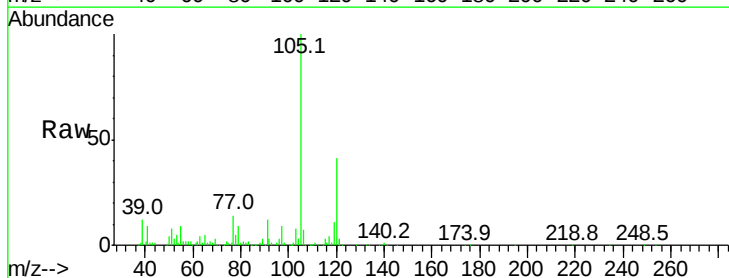
#73
 1,3,5-Trimethylbenzene
 Concen: 0.40 ppbv
 RT: 15.98
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 29 Jun 2022 23:44

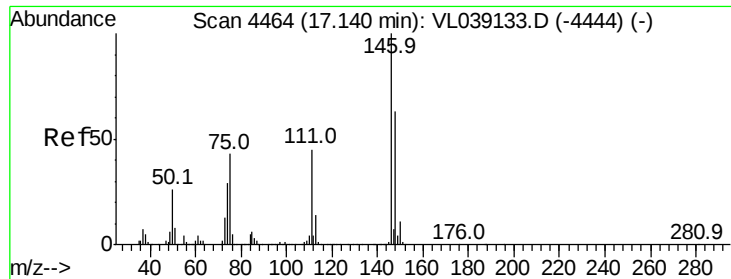
Tgt Ion:105 Resp: 123429
 Ion Ratio Lower Upper
 105 100
 120 41.1 38.2 57.4



#74
 1,2,4-Trimethylbenzene
 Concen: 1.21 ppbv
 RT: 16.74 min Scan# 4339
 Delta R.T. -0.00 min
 Lab File: VL039409.D
 Acq: 29 Jun 2022 23:44

Tgt Ion:105 Resp: 413615
 Ion Ratio Lower Upper
 105 100
 120 40.9 39.5 59.3
 91 12.1 39.2 58.8#
 77 13.3 17.2 25.8#





#76

1,4-Dichlorobenzene

Concen: 0.09 ppbv

RT: 17.12 Instrument:

Delta R.T MSVOA_L

Lab File: ClientSampleId:

IA1DUP

Acq: 29 Jun 2022 23.44

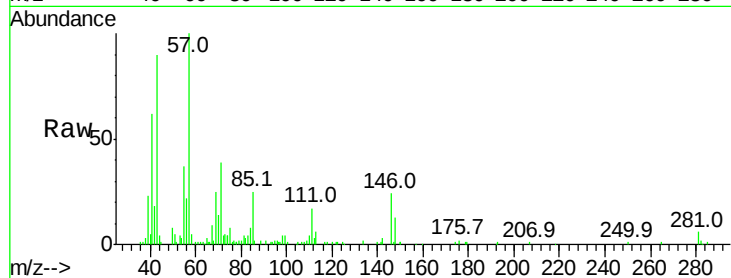
Tgt Ion:146 Resp: 17905

Ion Ratio Lower Upper

146 100

111 133.1 22.9 68.8#

148 73.5 33.6 100.8



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V

