

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060622\
 Data File : VL039183.D
 Acq On : 6 Jun 2022 12:55
 Operator : SY/AP
 Sample : N3110-05 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-10

Quant Time: Jun 06 13:47:36 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	5.66	49	1298440	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3532948	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.08	117	3252611	10.00	ppbv	-0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.40	95	2495369	9.28	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	92.80%

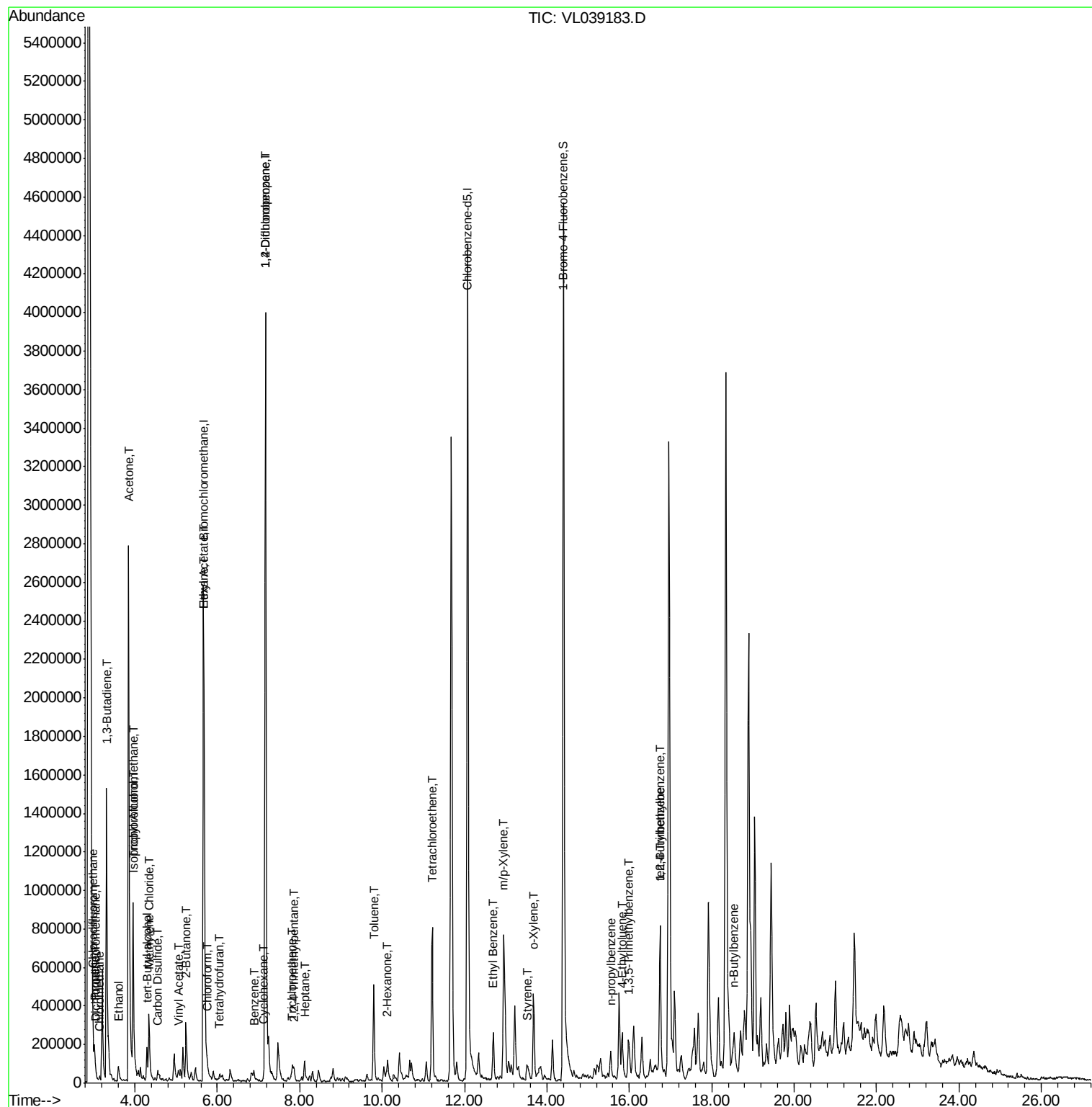
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.05	85	12553	0.06	ppbv	88
3) Chlorodifluoromethane	2.99	51	16814	0.10	ppbv	99
4) Chloromethane	3.14	50	14963	0.18	ppbv	90
9) Propene	3.02	41	43169	0.60	ppbv	98
10) Heptane	8.11	43	30297	0.18	ppbv #	38
11) Trichlorofluoromethane	3.95	101	677879	3.28	ppbv	100
13) Ethanol	3.60	45	114493	29.14	ppbv #	100
15) Acetone	3.84	43	3636205	26.88	ppbv	96
16) 1,3-Butadiene	3.31	39	451711	6.21	ppbv #	14
17) tert-Butyl alcohol	4.29	59	147708	1.41	ppbv #	93
19) Isopropyl Alcohol	3.97	45	71371	1.13	ppbv #	93
20) Methylene Chloride	4.34	84	134651	2.36	ppbv	94
23) Vinyl Acetate	5.06	43	31831	0.28	ppbv #	92
25) Ethyl Acetate	5.68	43	242114	0.79	ppbv #	78
26) Hexane	5.68	57	340804	2.54	ppbv #	40
27) Carbon Disulfide	4.55	76	30309	0.22	ppbv #	36
29) Chloroform	5.75	83	11011	0.05	ppbv	90
30) Cyclohexane	7.12	84	5773	0.05	ppbv #	1
34) 2-Butanone	5.24	43	393671	2.05	ppbv	96
36) Benzene	6.88	78	28563	0.10	ppbv	95
38) Trichloroethene	7.82	130	5593	0.04	ppbv	89
39) 1,2-Dichloropropane	7.17	63	830894	7.28	ppbv #	24
41) Tetrahydrofuran	6.06	42	4035	0.03	ppbv #	1
44) 2,2,4-Trimethylpentane	7.86	57	38474	0.08	ppbv #	61
51) 2-Hexanone	10.12	43	18357	0.08	ppbv #	28
52) Tetrachloroethene	11.21	164	214915	1.92	ppbv	93
53) Toluene	9.80	91	405686	1.23	ppbv	99
58) Ethyl Benzene	12.70	91	247709	0.55	ppbv	92
59) m/p-Xylene	12.96	91	888381	2.25	ppbv	94
60) o-Xylene	13.68	91	366480	0.99	ppbv	99
61) Styrene	13.51	104	14431	0.07	ppbv #	27
64) n-propylbenzene	15.55	120	13980	0.10	ppbv #	1
65) tert-Butylbenzene	16.74	119	65564	0.13	ppbv #	67
70) n-Butylbenzene	18.54	91	45176	0.08	ppbv #	38
72) 4-Ethyltoluene	15.83	105	177204	0.41	ppbv	94
73) 1,3,5-Trimethylbenzene	15.98	105	76414	0.19	ppbv	98
74) 1,2,4-Trimethylbenzene	16.75	105	602662	1.38	ppbv #	62

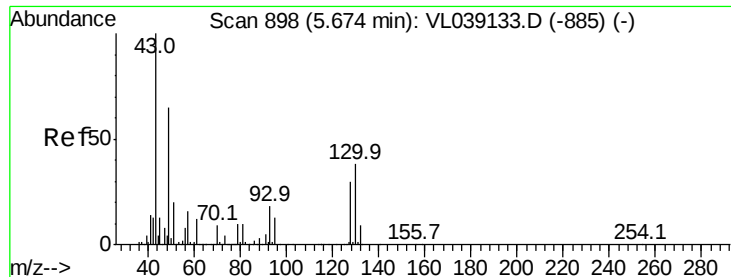
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060622\
Data File : VL039183.D
Acq On : 6 Jun 2022 12:55
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Instrument :
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SG-10

Quant Time: Jun 06 13:47:36 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun 01 01:22:18 2022
QLast Update : Wed Jun 01 01:22:18 2022
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.66 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: SG-10

Acq: 6 Jun 2022 12:55

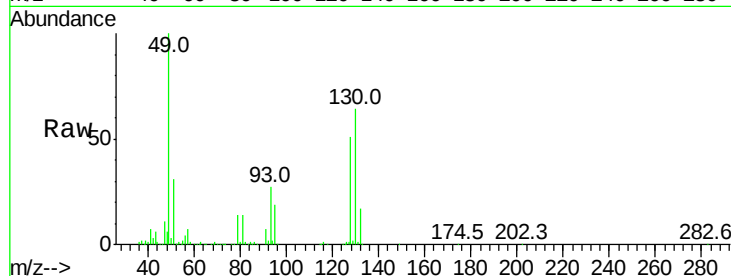
Tgt Ion: 49 Resp: 1298440

Ion Ratio Lower Upper

49 100

128 52.6 24.7 74.1

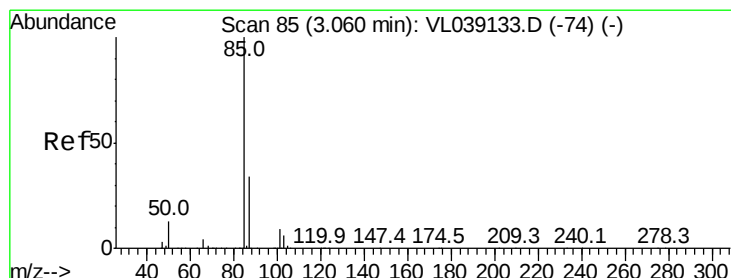
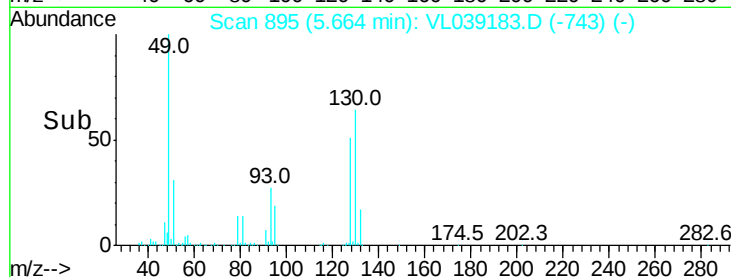
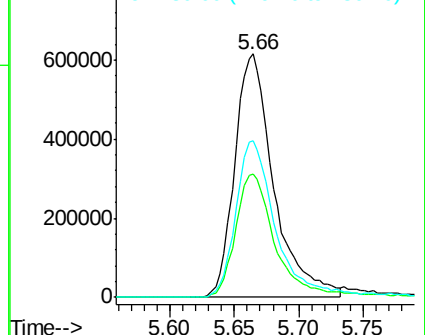
130 67.0 31.4 94.0



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: 0.06 ppbv

RT: 3.05 min Scan# 82

Delta R.T. -0.01 min

Lab File: VL039183.D

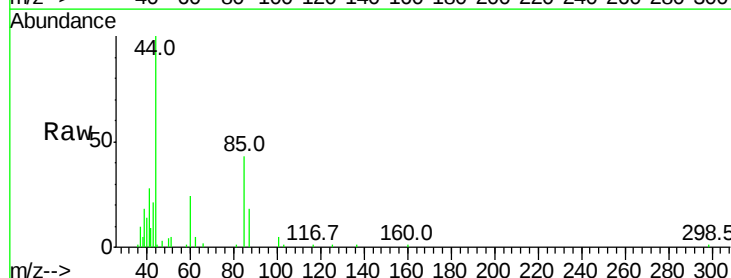
Acq: 6 Jun 2022 12:55

Tgt Ion: 85 Resp: 12553

Ion Ratio Lower Upper

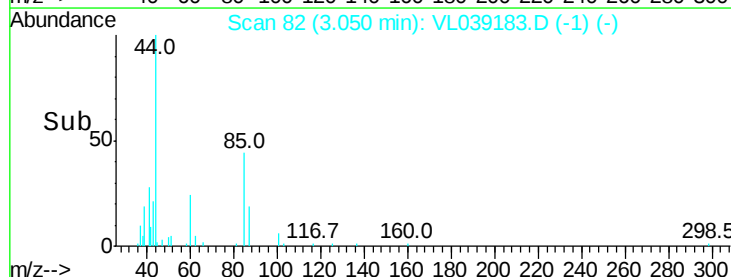
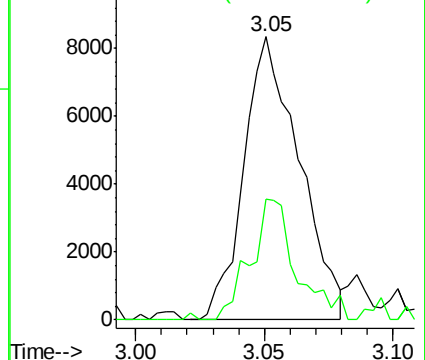
85 100

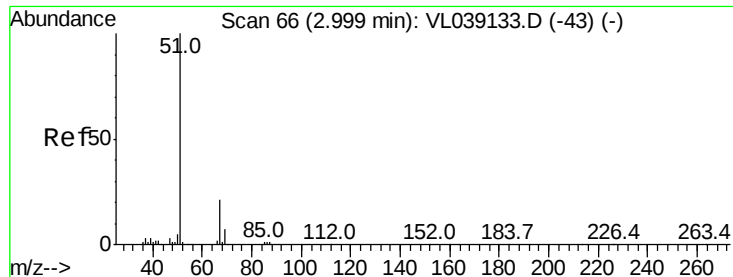
87 40.3 26.9 40.3



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.10 ppbv

RT: 2.99 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: SG-10

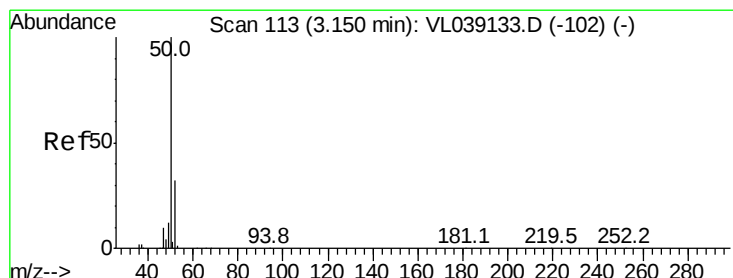
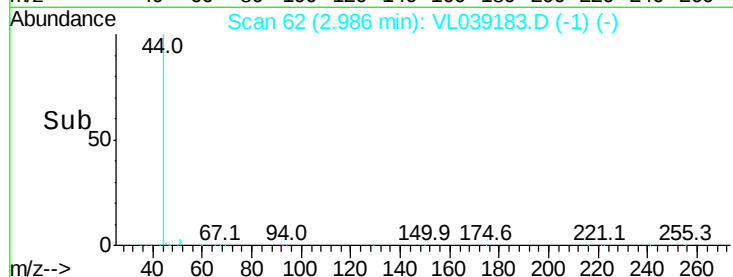
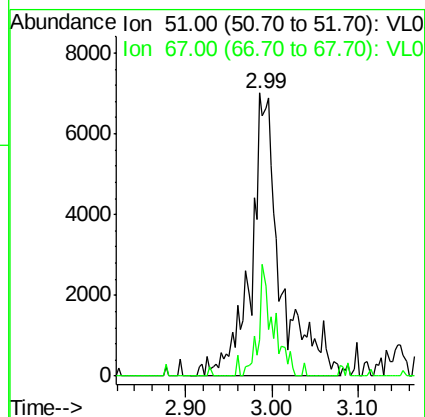
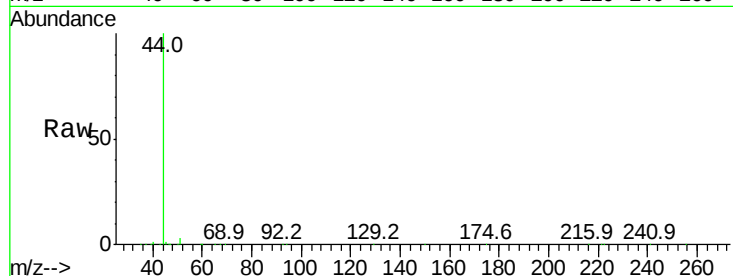
Acq: 6 Jun 2022 12:55

Tgt Ion: 51 Resp: 16814

Ion Ratio Lower Upper

51 100

67 19.8 16.2 24.4



#4

Chloromethane

Concen: 0.18 ppbv

RT: 3.14 min Scan# 111

Delta R.T. -0.01 min

Lab File: VL039183.D

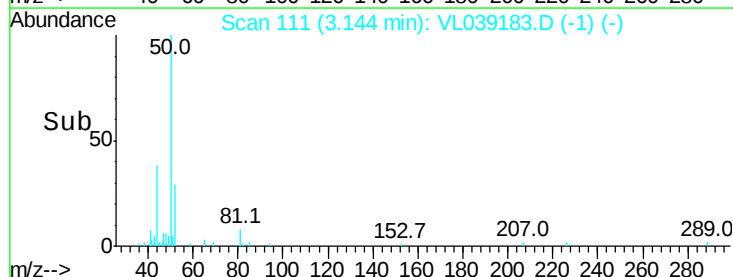
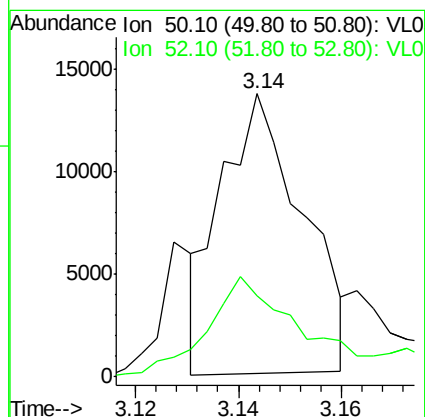
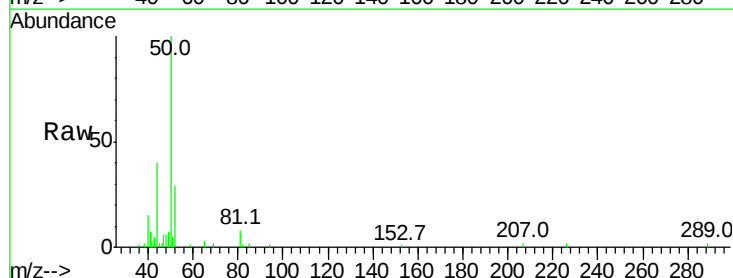
Acq: 6 Jun 2022 12:55

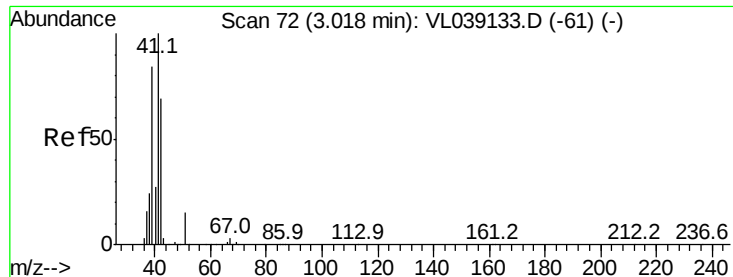
Tgt Ion: 50 Resp: 14963

Ion Ratio Lower Upper

50 100

52 26.8 25.9 38.9





#9

Propene

Concen: 0.60 ppbv

RT: 3.02 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: SG-10

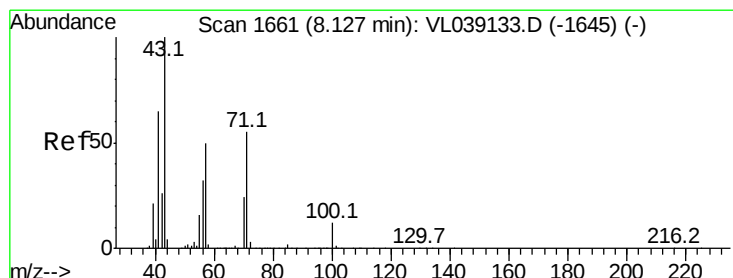
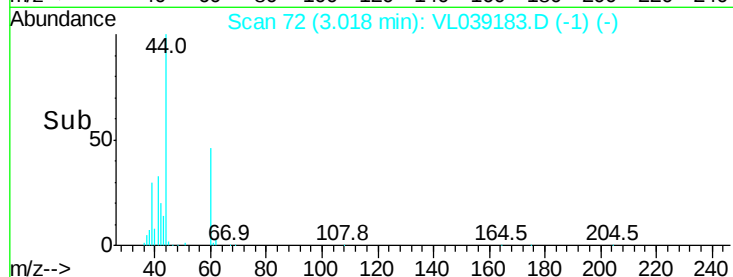
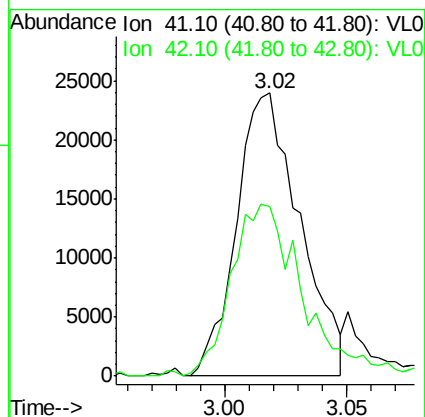
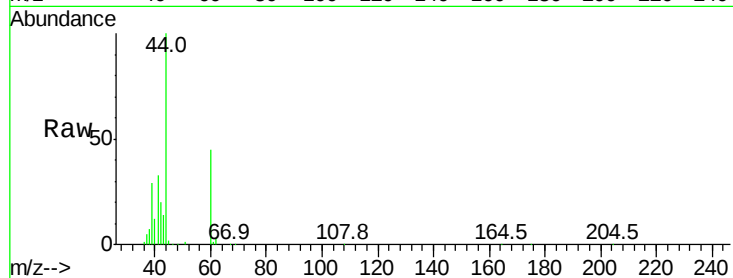
Acq: 6 Jun 2022 12:55

Tgt Ion: 41 Resp: 43169

Ion Ratio Lower Upper

41 100

42 71.3 55.4 83.2



#10

Heptane

Concen: 0.18 ppbv

RT: 8.11 min Scan# 1657

Delta R.T. -0.01 min

Lab File: VL039183.D

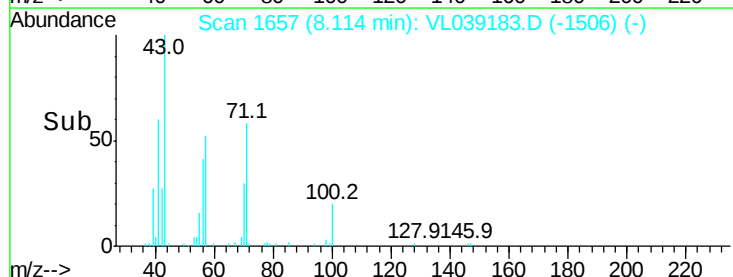
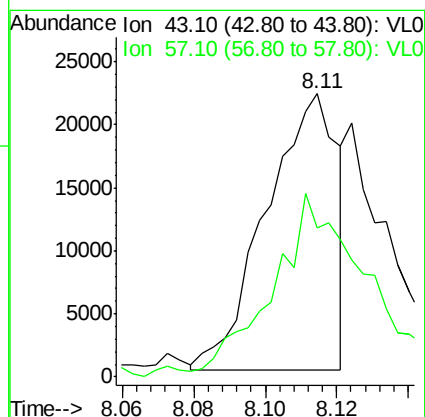
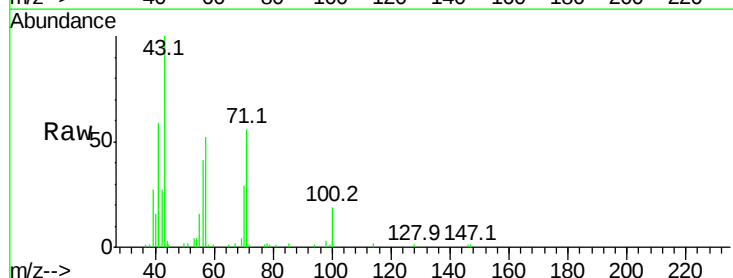
Acq: 6 Jun 2022 12:55

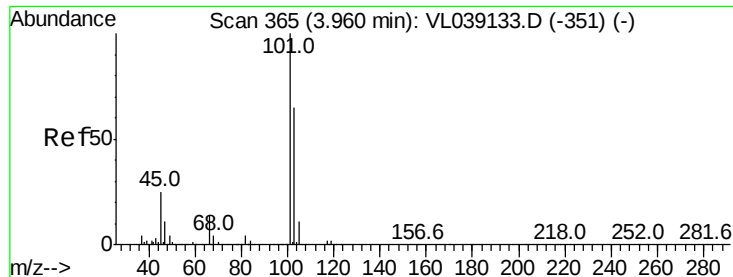
Tgt Ion: 43 Resp: 30297

Ion Ratio Lower Upper

43 100

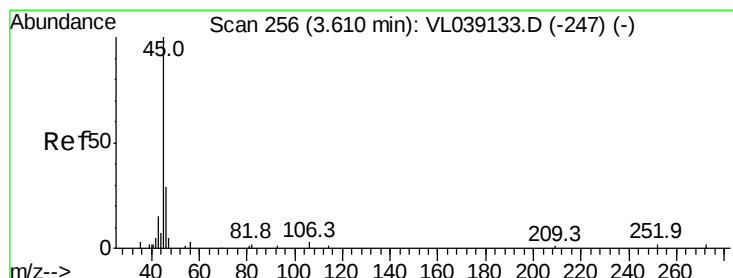
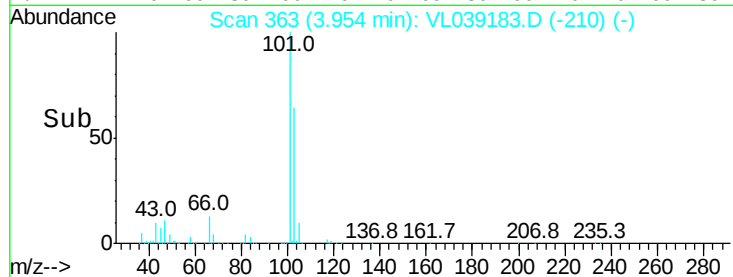
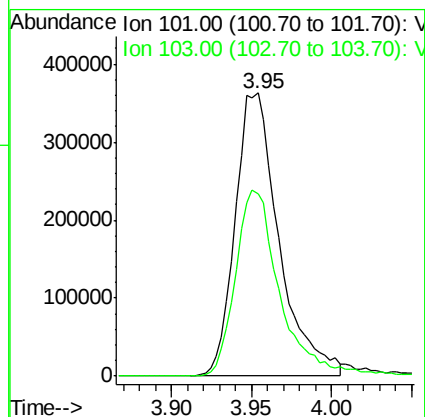
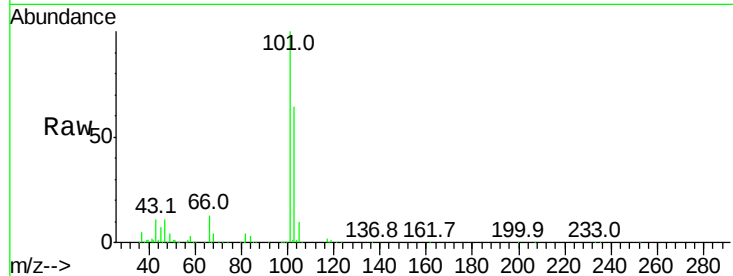
57 95.1 41.4 62.2#





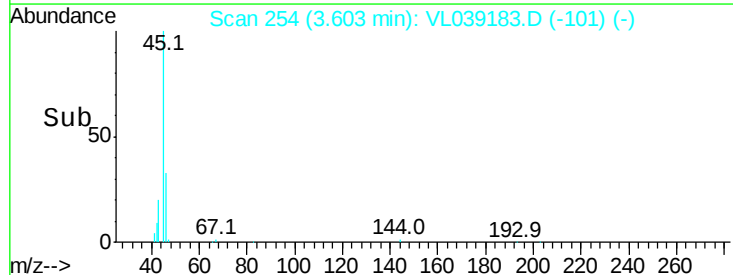
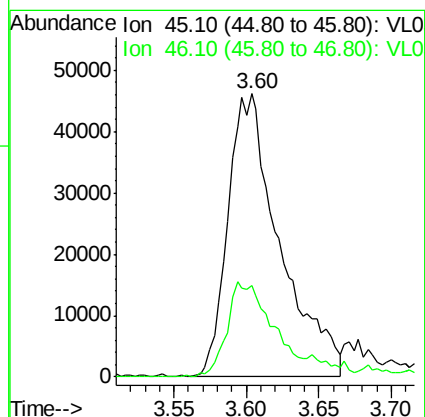
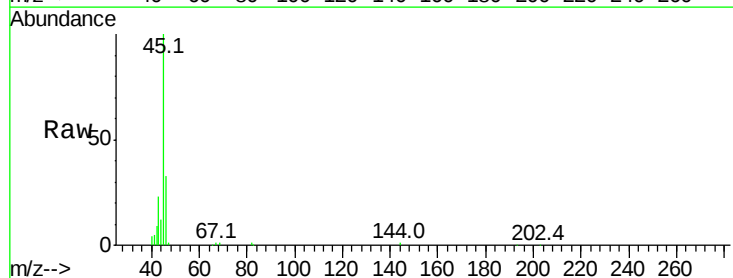
#11
 Trichlorofluoromethane
 Concen: 3.28 ppbv
 RT: 3.95
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 6 Jun 2022 12:55

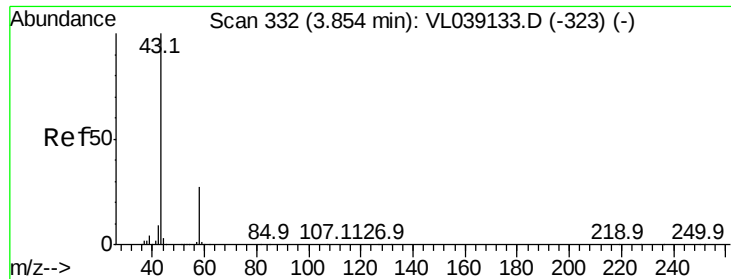
Tgt Ion: 101 Resp: 677879
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.7 77.5



#13
 Ethanol
 Concen: 29.14 ppbv
 RT: 3.60 min Scan# 254
 Delta R.T. -0.01 min
 Lab File: VL039183.D
 Acq: 6 Jun 2022 12:55

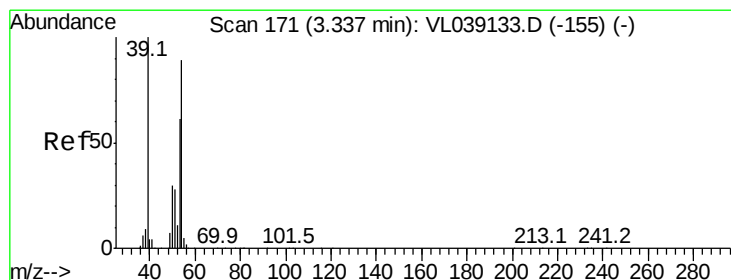
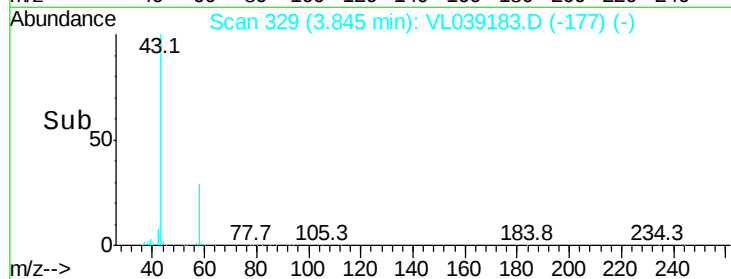
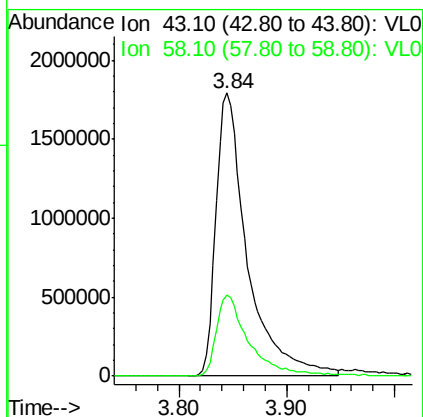
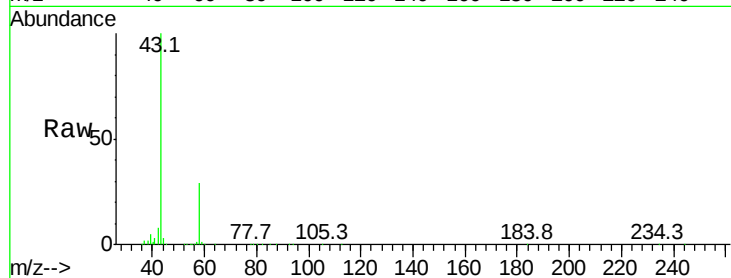
Tgt Ion: 45 Resp: 114493
 Ion Ratio Lower Upper
 45 100
 46 33.5 0.0 0.0#





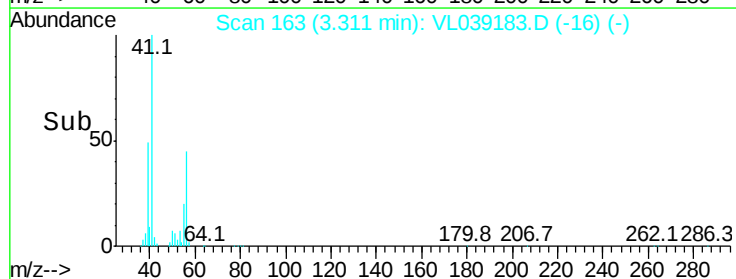
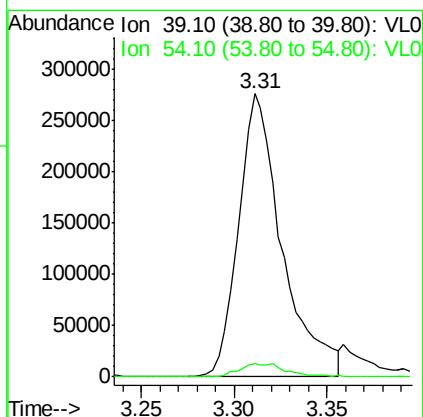
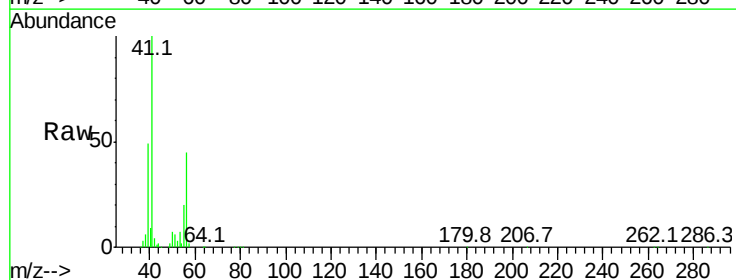
#15
Acetone
Concen: 26.88 ppbv
RT: 3.84
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 6 Jun 2022 12:55

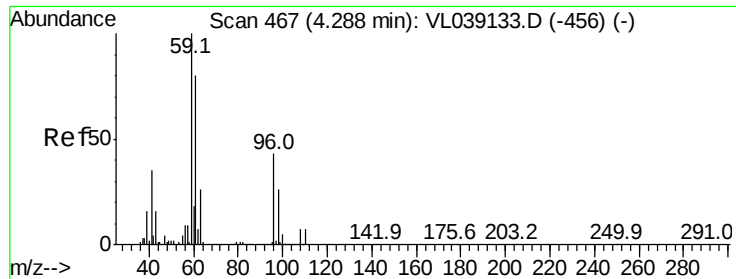
Tgt Ion: 43 Resp: 3636205
Ion Ratio Lower Upper
43 100
58 30.4 22.5 33.7



#16
1,3-Butadiene
Concen: 6.21 ppbv
RT: 3.31 min Scan# 163
Delta R.T. -0.03 min
Lab File: VL039183.D
Acq: 6 Jun 2022 12:55

Tgt Ion: 39 Resp: 451711
Ion Ratio Lower Upper
39 100
54 5.5 65.8 98.6#





#17

tert-Butyl alcohol

Concen: 1.41 ppbv

RT: 4.29 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: SG-10

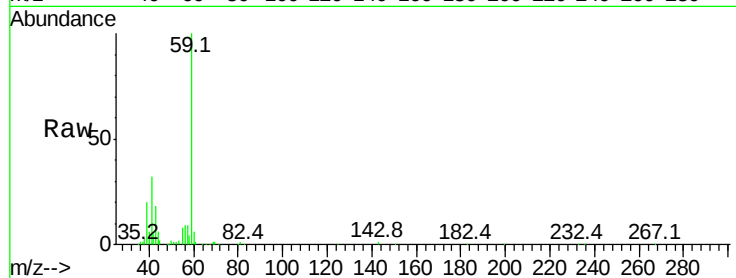
Acq: 6 Jun 2022 12:55

Tgt Ion: 59 Resp: 147708

Ion Ratio Lower Upper

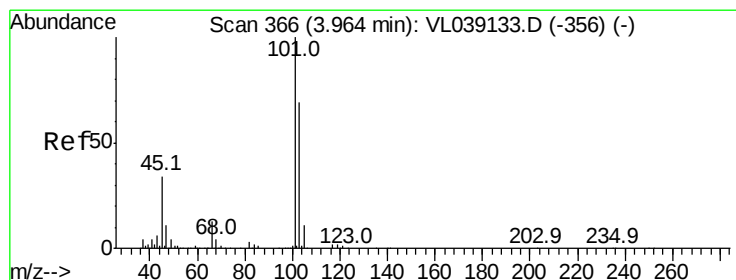
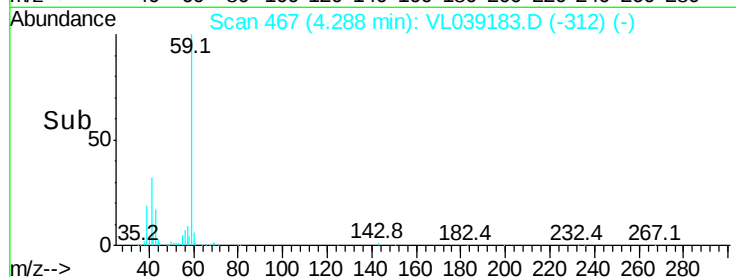
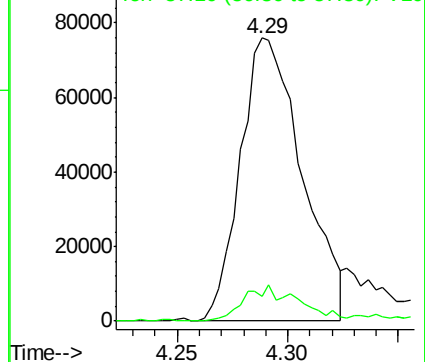
59 100

57 14.3 9.1 13.7#



Abundance Ion 59.10 (58.80 to 59.80): VL0

Ion 57.10 (56.80 to 57.80): VL0



#19

Isopropyl Alcohol

Concen: 1.13 ppbv

RT: 3.97 min Scan# 367

Delta R.T. 0.00 min

Lab File: VL039183.D

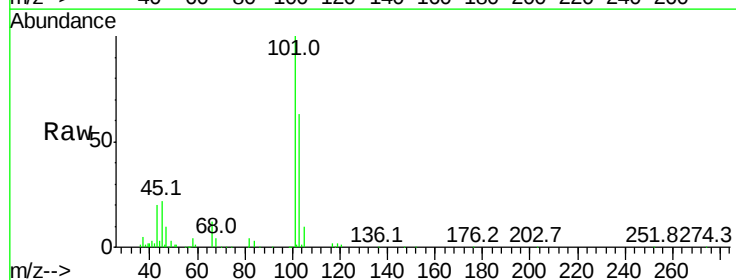
Acq: 6 Jun 2022 12:55

Tgt Ion: 45 Resp: 71371

Ion Ratio Lower Upper

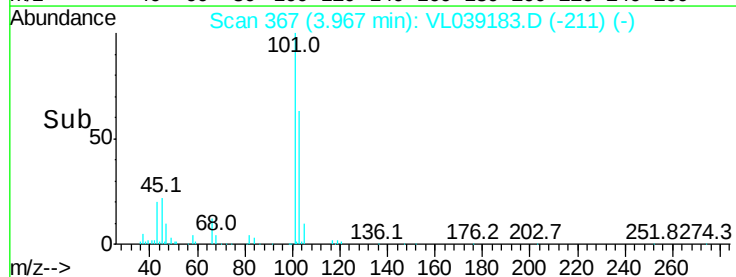
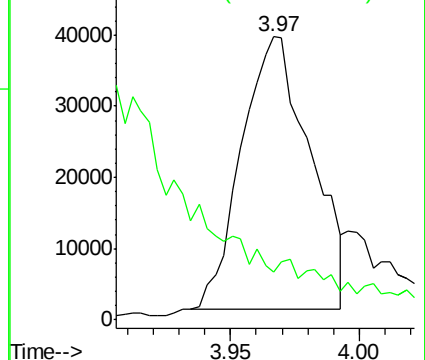
45 100

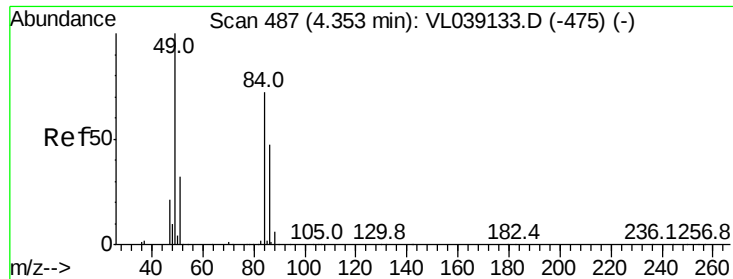
58 0.0 1.8 2.8#



Abundance Ion 45.10 (44.80 to 45.80): VL0

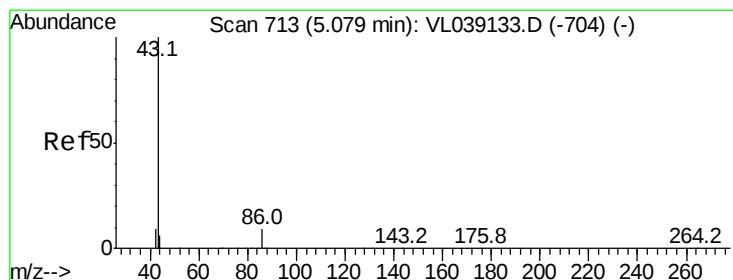
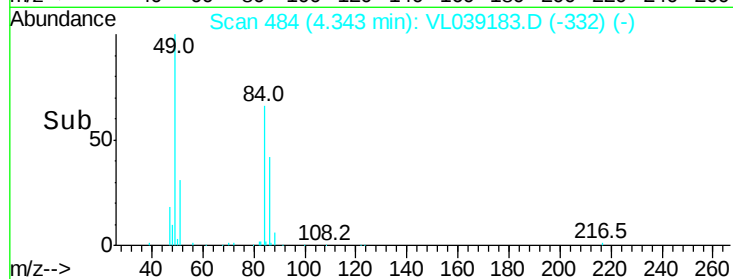
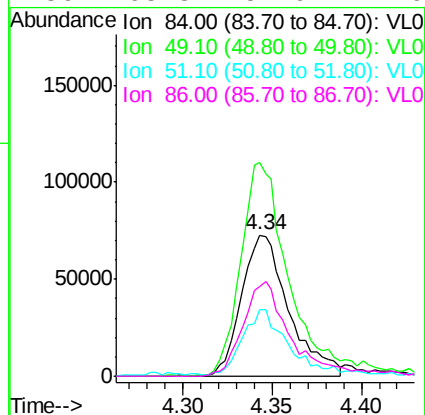
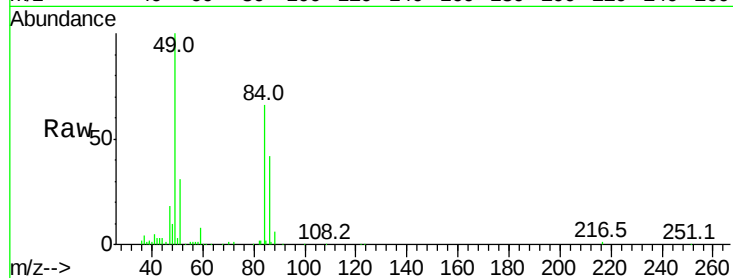
Ion 58.10 (57.80 to 58.80): VL0





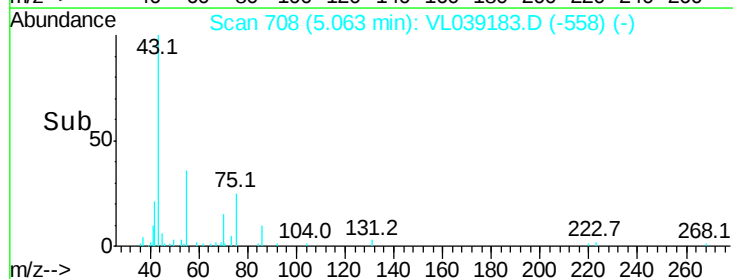
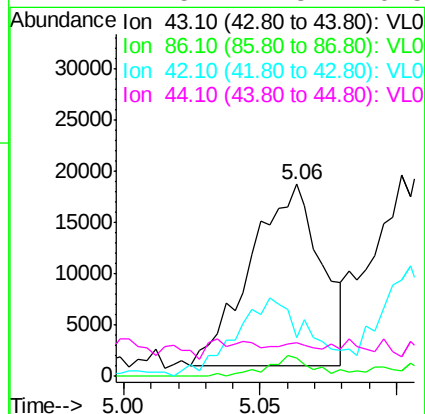
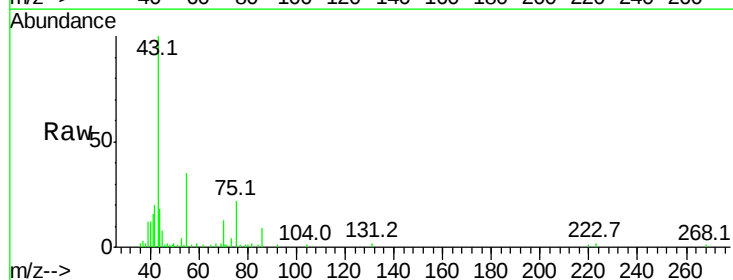
#20
Methylene Chloride
Concen: 2.36 ppbv
RT: 4.34
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 6 Jun 2022 12:55

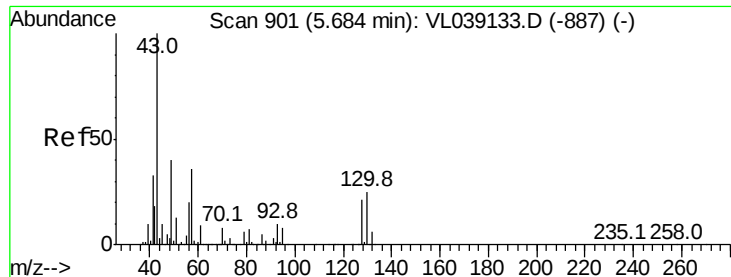
Tgt Ion:	84	Resp:	134651
Ion	Ratio	Lower	Upper
84	100		
49	151.2	111.1	166.7
51	45.3	35.3	52.9
86	63.8	51.9	77.9



#23
Vinyl Acetate
Concen: 0.28 ppbv
RT: 5.06 min Scan# 708
Delta R.T. -0.02 min
Lab File: VL039183.D
Acq: 6 Jun 2022 12:55

Tgt Ion:	43	Resp:	31831
Ion	Ratio	Lower	Upper
43	100		
86	9.6	6.0	9.0#
42	14.8	8.2	12.4#
44	4.5	4.3	6.5





#25

Ethyl Acetate

Concen: 0.79 ppbv

RT: 5.68 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: SG-10

Acq: 6 Jun 2022 12:55

Tgt Ion: 43 Resp: 242114

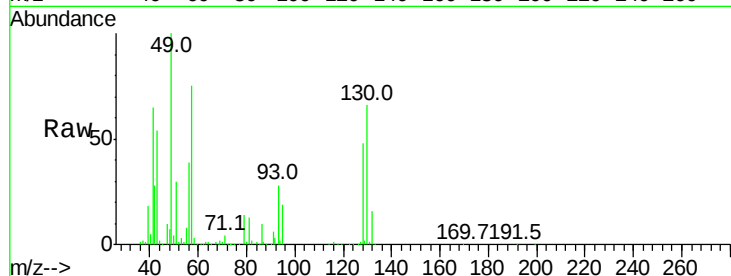
Ion Ratio Lower Upper

43 100

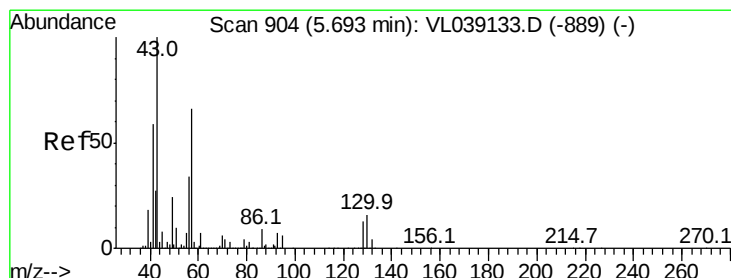
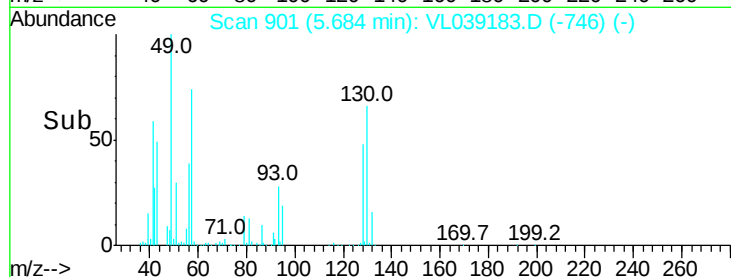
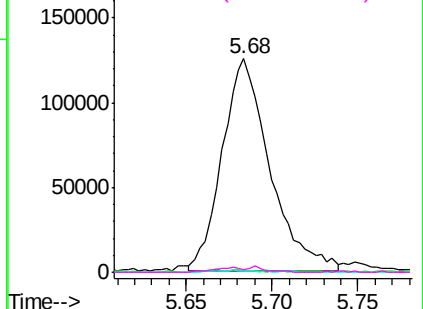
45 1.3 8.2 12.2#

61 1.1 8.4 12.6#

70 2.3 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: 2.54 ppbv

RT: 5.68 min Scan# 901

Delta R.T. -0.01 min

Lab File: VL039183.D

Acq: 6 Jun 2022 12:55

Tgt Ion: 57 Resp: 340804

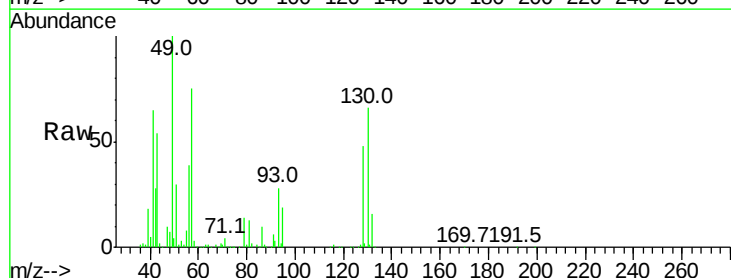
Ion Ratio Lower Upper

57 100

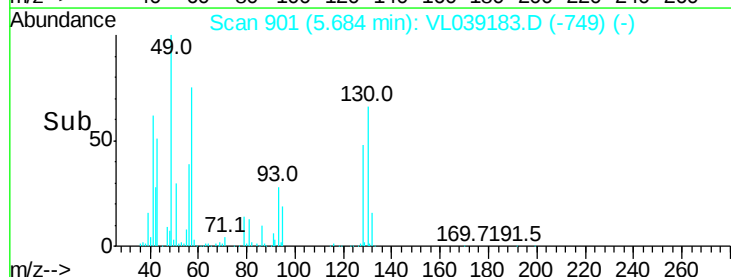
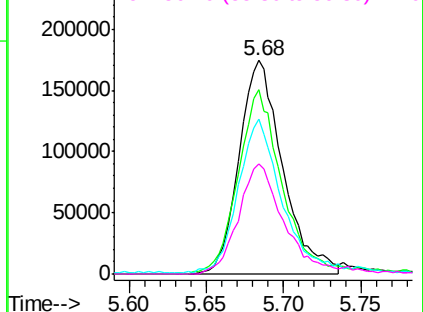
41 90.9 72.4 108.6

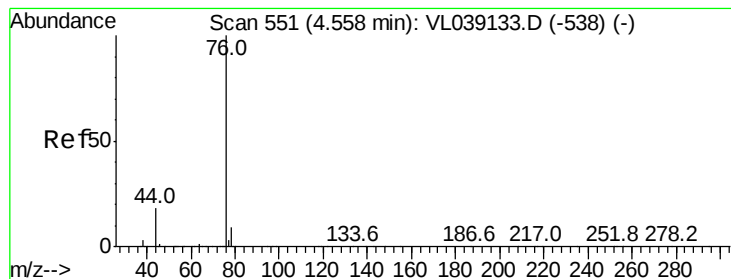
43 73.8 187.0 280.6#

56 55.6 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: 0.22 ppbv

RT: 4.55 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

SG-10

Acq: 6 Jun 2022 12:55

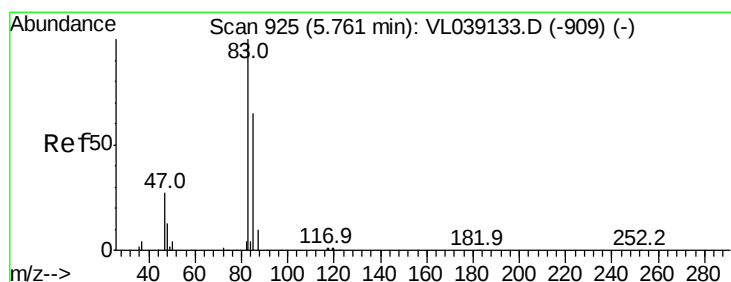
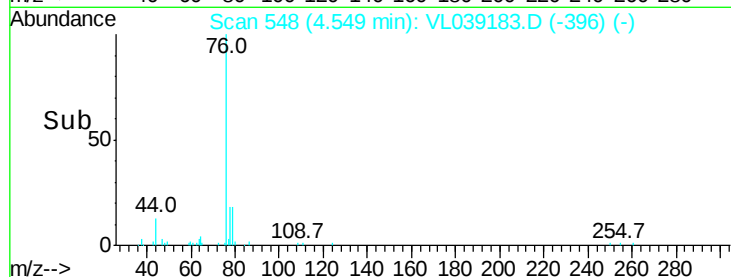
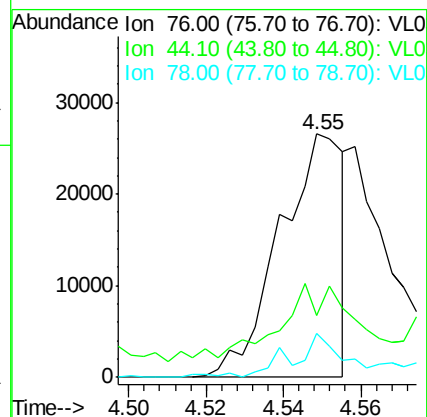
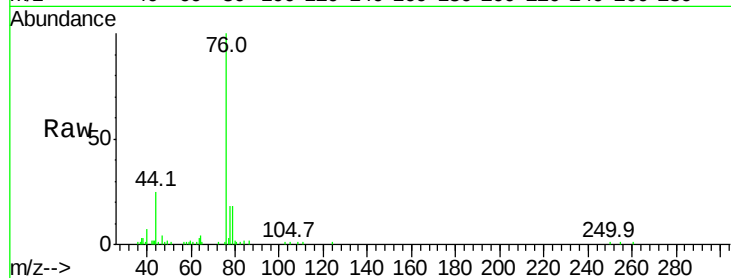
Tgt Ion: 76 Resp: 30309

Ion Ratio Lower Upper

76 100

44 54.3 14.4 21.6#

78 20.9 7.7 11.5#



#29

Chloroform

Concen: 0.05 ppbv

RT: 5.75 min Scan# 923

Delta R.T. -0.01 min

Lab File: VL039183.D

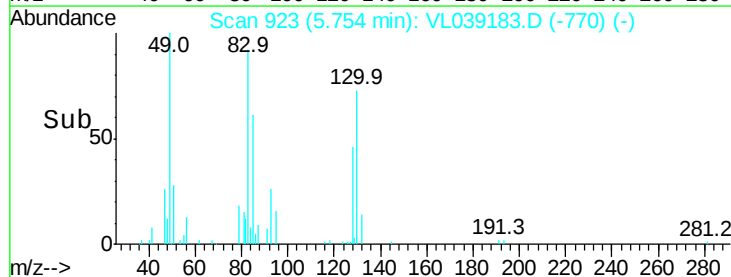
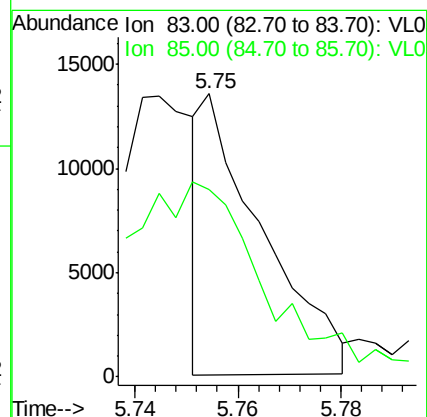
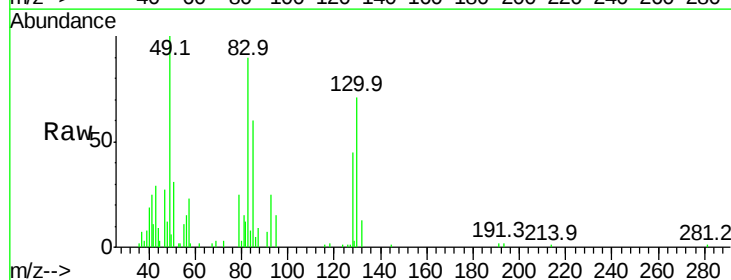
Acq: 6 Jun 2022 12:55

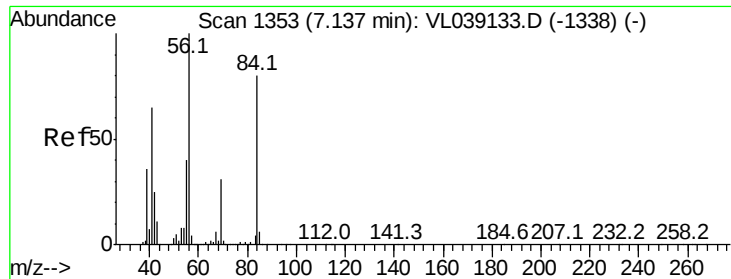
Tgt Ion: 83 Resp: 11011

Ion Ratio Lower Upper

83 100

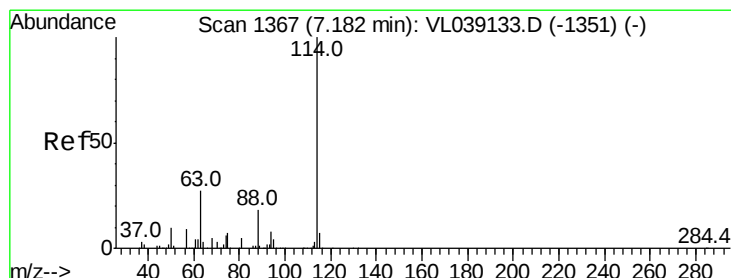
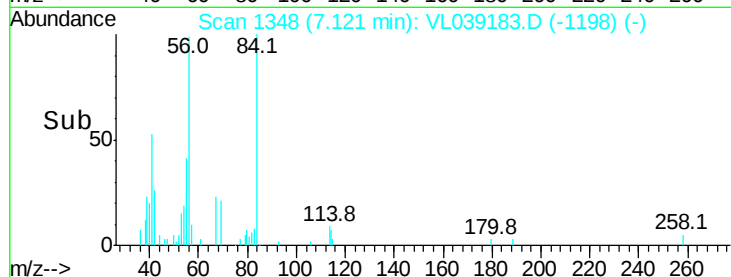
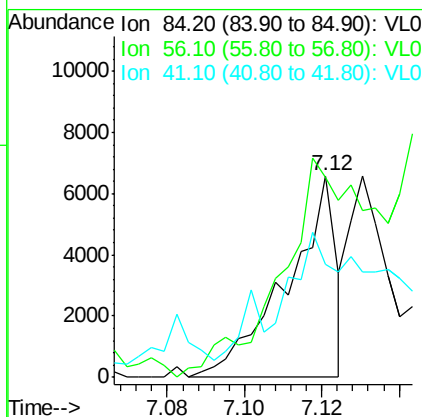
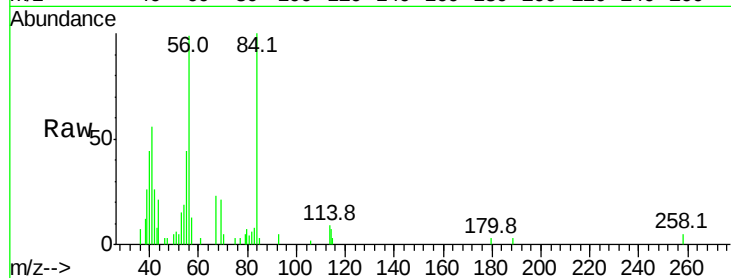
85 57.7 52.4 78.6





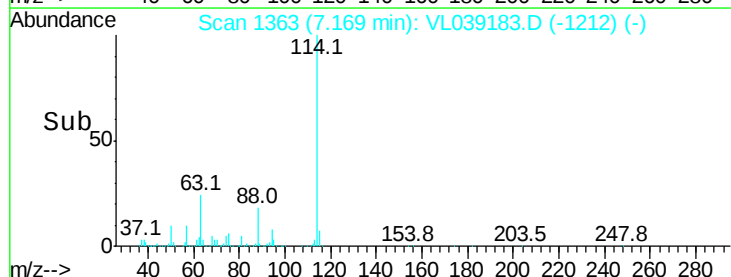
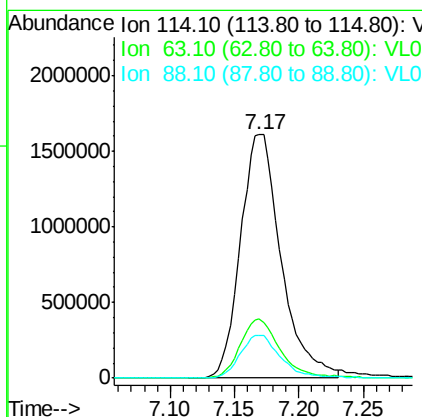
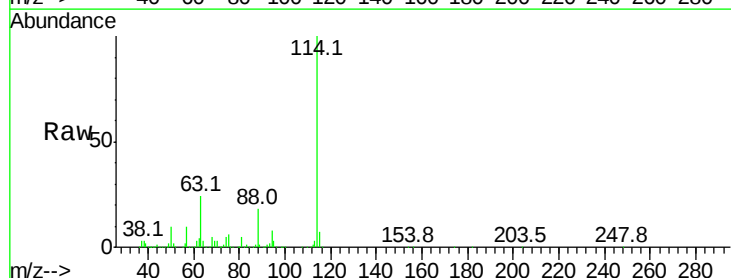
#30
Cyclohexane
Concen: 0.05 ppbv
RT: 7.12
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 6 Jun 2022 12:55

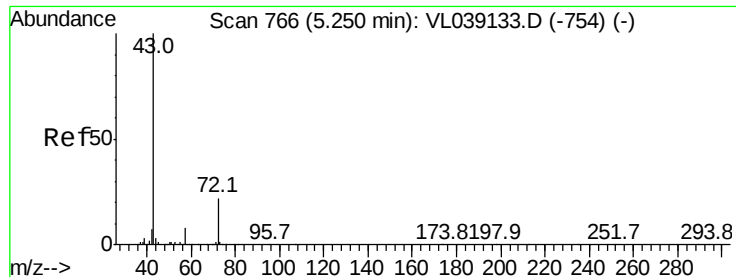
Tgt Ion: 84 Resp: 5773
Ion Ratio Lower Upper
84 100
56 0.0 110.6 165.8#
41 207.7 68.9 103.3#



#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.17 min Scan# 1363
Delta R.T. -0.01 min
Lab File: VL039183.D
Acq: 6 Jun 2022 12:55

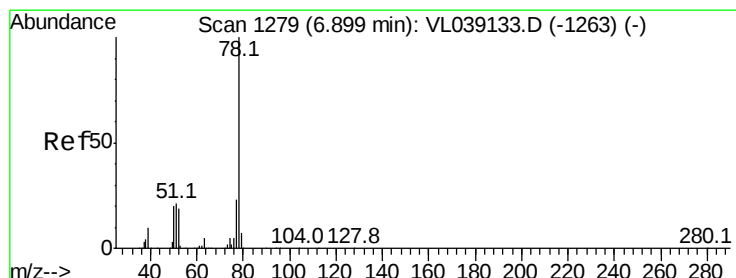
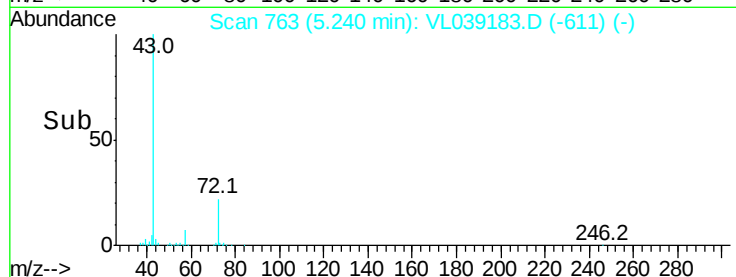
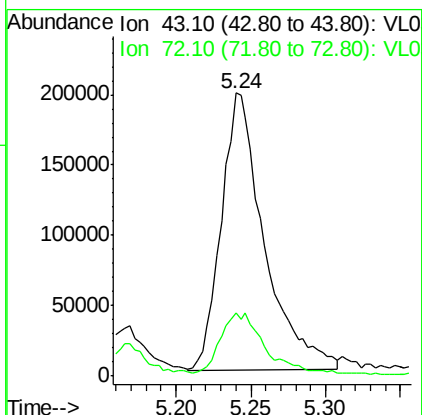
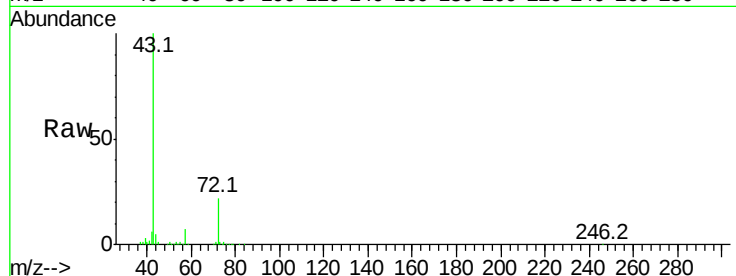
Tgt Ion: 114 Resp: 3532948
Ion Ratio Lower Upper
114 100
63 24.3 21.7 32.5
88 17.7 14.8 22.2





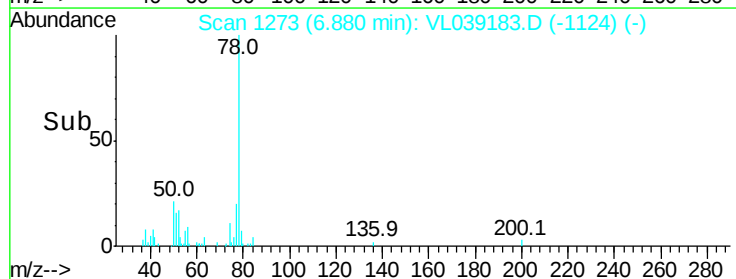
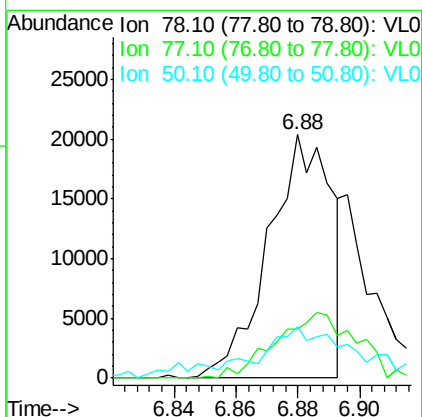
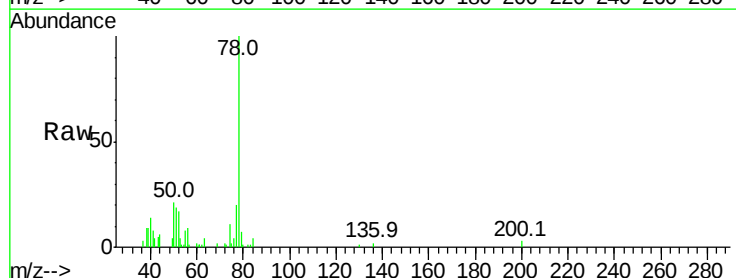
#34
 2-Butanone
 Concen: 2.05 ppbv
 RT: 5.24
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 6 Jun 2022 12:55

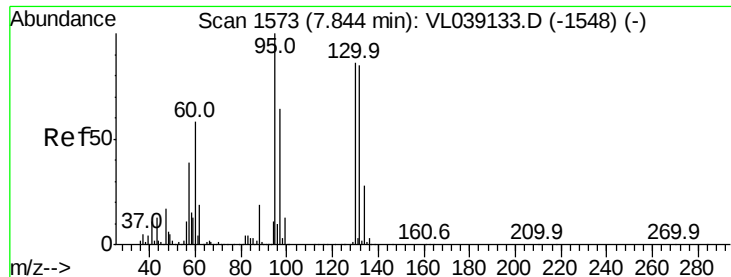
Tgt Ion: 43 Resp: 393671
 Ion Ratio Lower Upper
 43 100
 72 24.5 18.2 27.2



#36
 Benzene
 Concen: 0.10 ppbv
 RT: 6.88 min Scan# 1273
 Delta R.T. -0.02 min
 Lab File: VL039183.D
 Acq: 6 Jun 2022 12:55

Tgt Ion: 78 Resp: 28563
 Ion Ratio Lower Upper
 78 100
 77 20.1 18.6 27.8
 50 18.3 15.8 23.8





#38

Trichloroethene

Concen: 0.04 ppbv

RT: 7.82 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 6 Jun 2022 12:55 SG-10

Tgt Ion:130 Resp: 5593

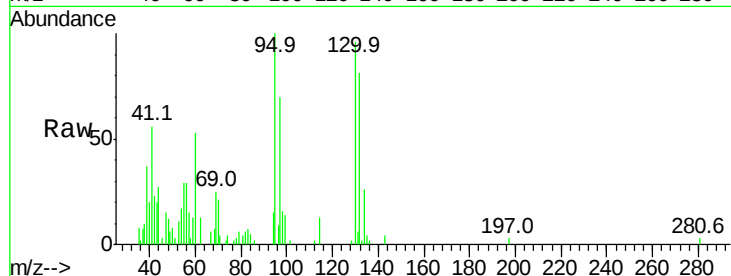
Ion Ratio Lower Upper

130 100

95 103.7 93.3 139.9

132 83.8 79.0 118.4

97 70.9 59.4 89.2

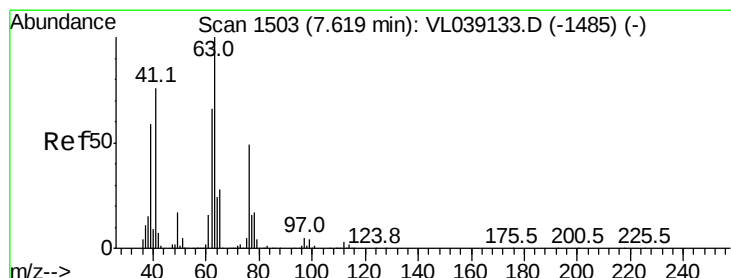
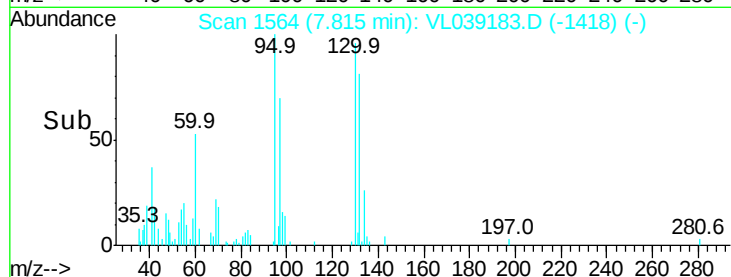
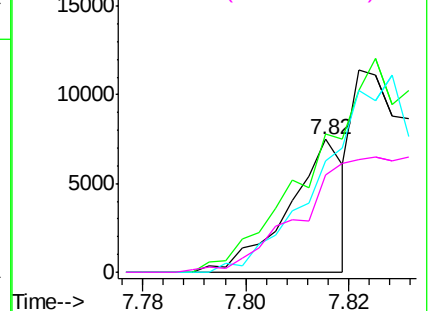


Abundance Ion 130.00 (129.70 to 130.70): V

Ion 95.00 (94.70 to 95.70): VL0

Ion 132.00 (131.70 to 132.70): V

Ion 97.00 (96.70 to 97.70): VL0



#39

1,2-Dichloropropane

Concen: 7.28 ppbv

RT: 7.17 min Scan# 1363

Delta R.T. -0.45 min

Lab File: VL039183.D

Acq: 6 Jun 2022 12:55

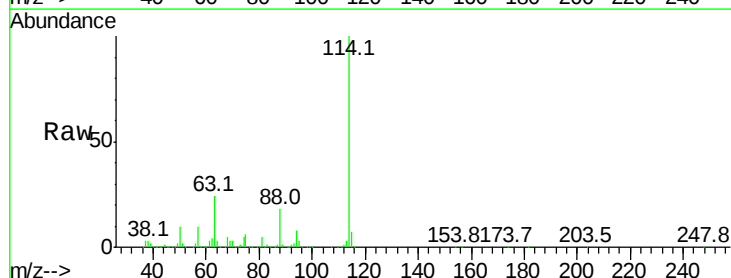
Tgt Ion: 63 Resp: 830894

Ion Ratio Lower Upper

63 100

41 0.0 60.8 91.2#

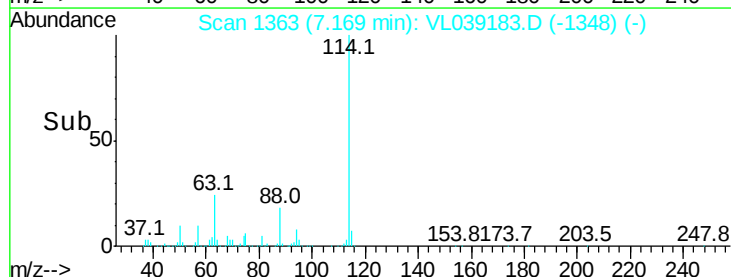
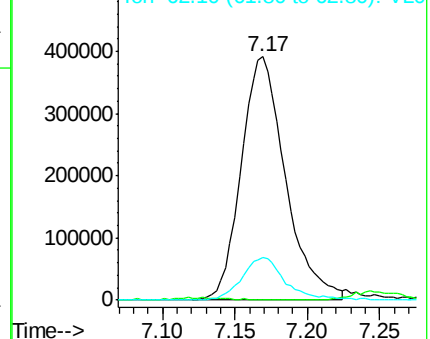
62 17.7 52.9 79.3#

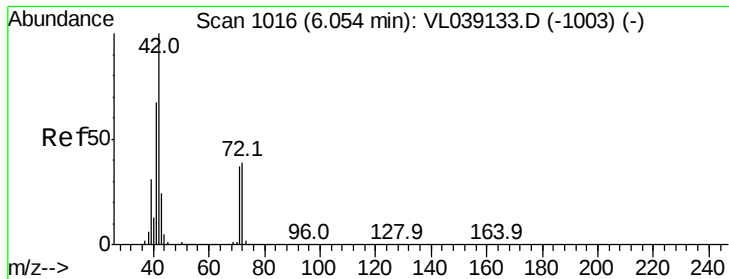


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0





#41

Tetrahydrofuran

Concen: 0.03 ppbv

RT: 6.06 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

SG-10

Acq: 6 Jun 2022 12:55

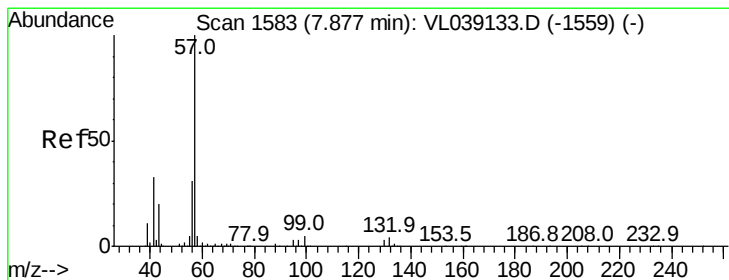
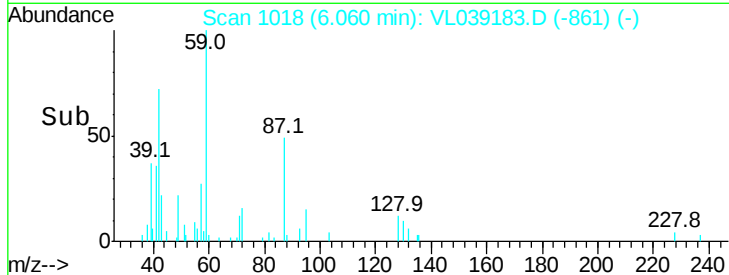
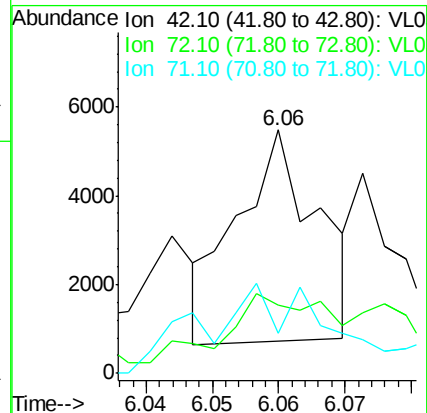
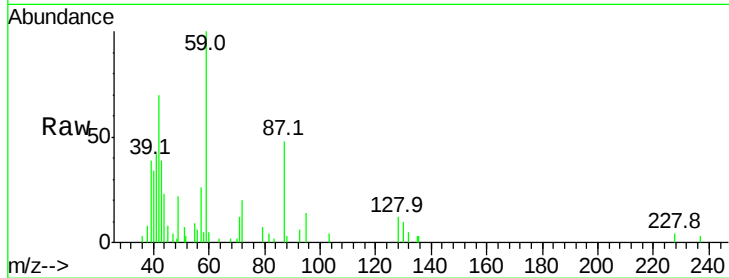
Tgt Ion: 42 Resp: 4035

Ion Ratio Lower Upper

42 100

72 101.6 32.0 48.0#

71 99.2 31.1 46.7#



#44

2,2,4-Trimethylpentane

Concen: 0.08 ppbv

RT: 7.86 min Scan# 1577

Delta R.T. -0.02 min

Lab File: VL039183.D

Acq: 6 Jun 2022 12:55

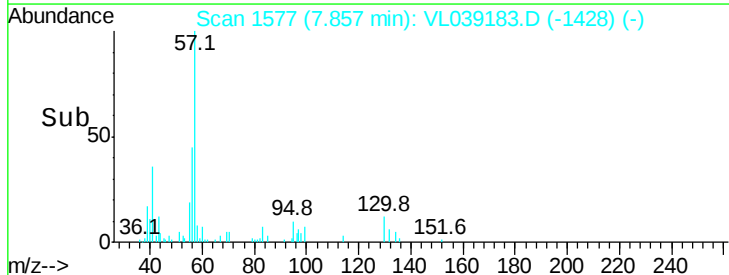
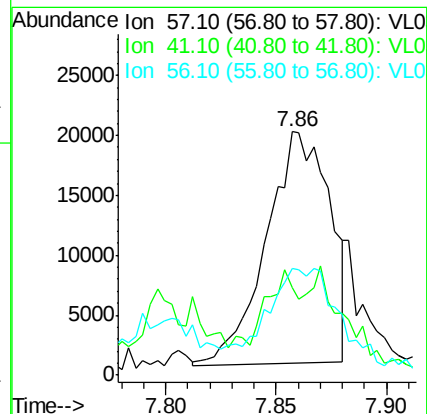
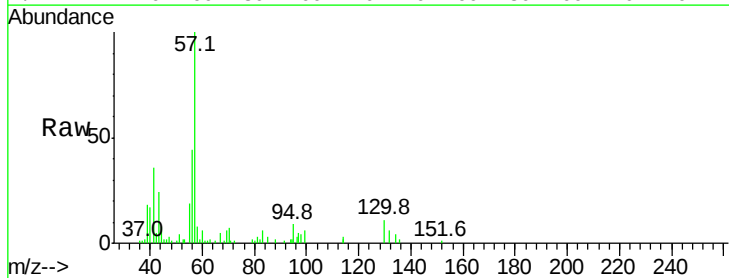
Tgt Ion: 57 Resp: 38474

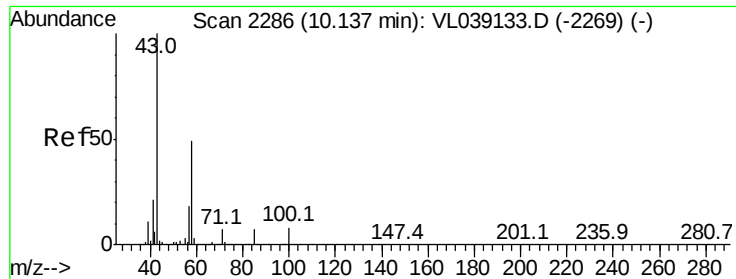
Ion Ratio Lower Upper

57 100

41 47.2 26.2 39.4#

56 60.3 24.7 37.1#





#51

2-Hexanone

Concen: 0.08 ppbv

RT: 10.12 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 6 Jun 2022 12:55 SG-10

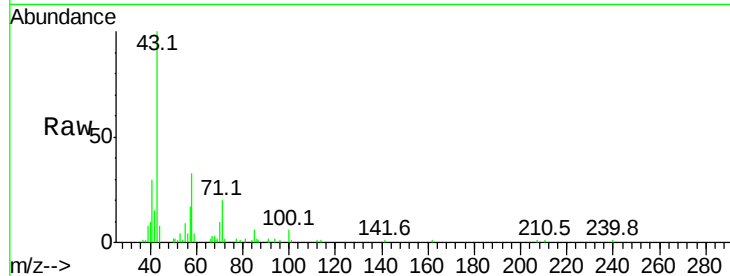
Tgt Ion: 43 Resp: 18357

Ion Ratio Lower Upper

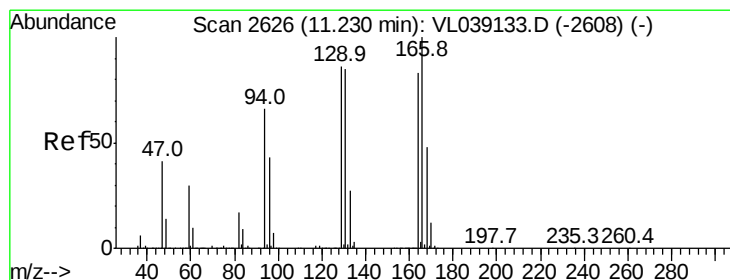
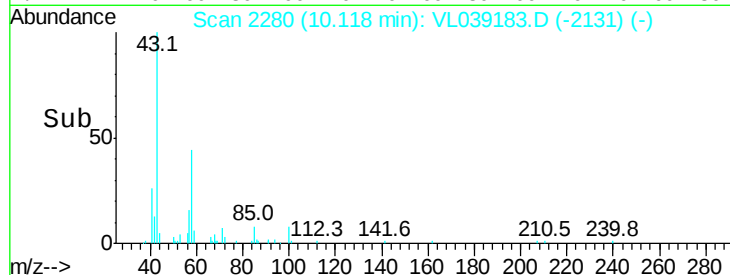
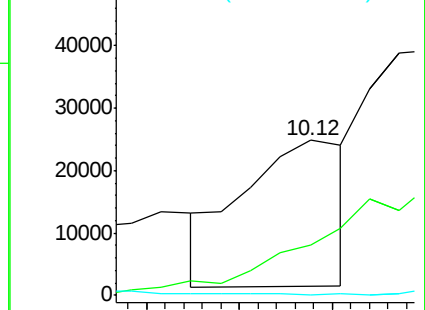
43 100

58 0.0 40.0 60.0#

98 0.0 0.1 0.1#



Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 58.10 (57.80 to 58.80): VL0
Ion 98.20 (97.90 to 98.90): VL0



#52

Tetrachloroethene

Concen: 1.92 ppbv

RT: 11.21 min Scan# 2621

Delta R.T. -0.02 min

Lab File: VL039183.D

Acq: 6 Jun 2022 12:55

Tgt Ion: 164 Resp: 214915

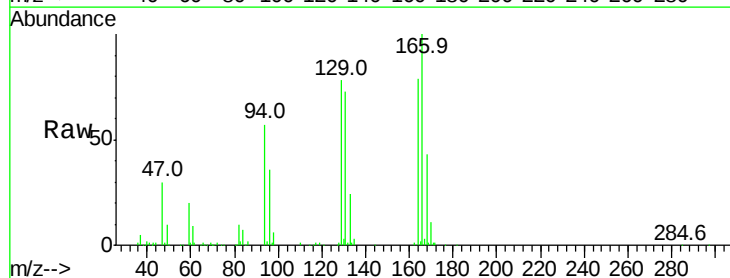
Ion Ratio Lower Upper

164 100

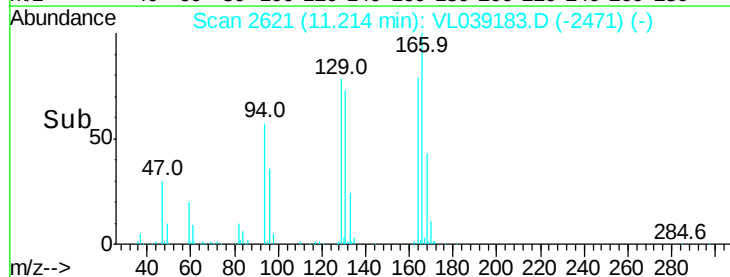
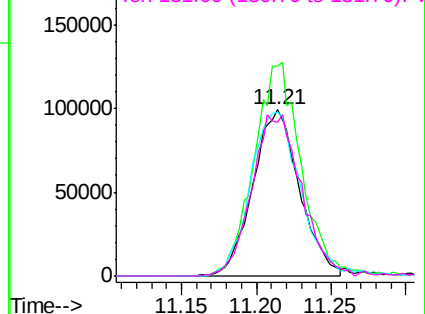
166 126.7 96.3 144.5

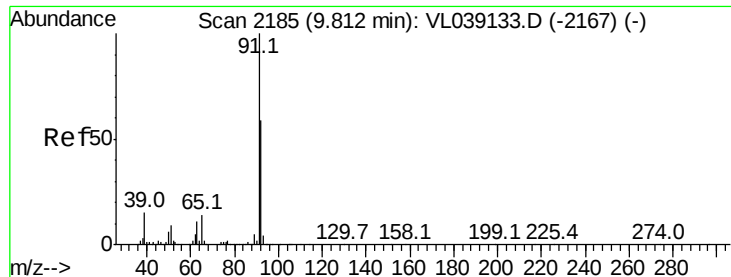
129 98.7 82.5 123.7

131 92.6 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: 1.23 ppbv

RT: 9.80 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: SG-10

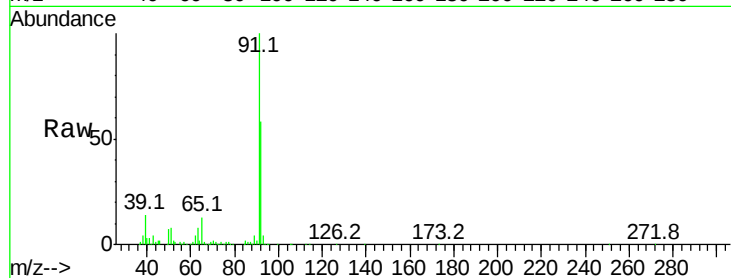
Acq: 6 Jun 2022 12:55

Tgt Ion: 91 Resp: 405686

Ion Ratio Lower Upper

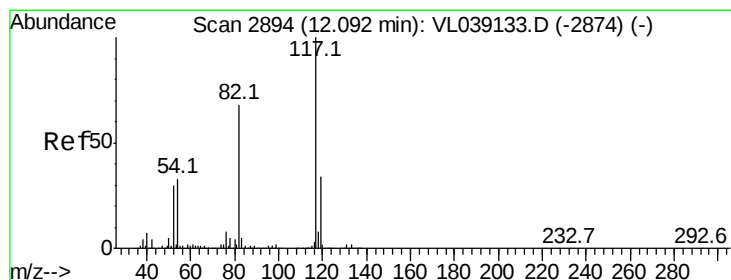
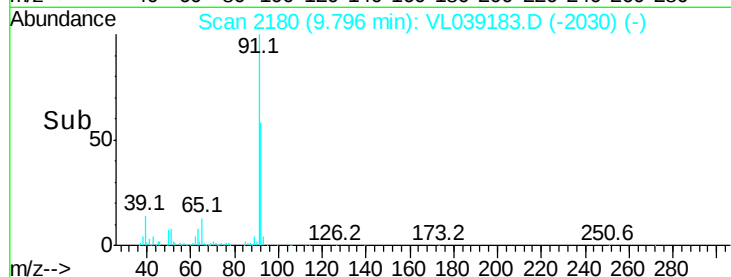
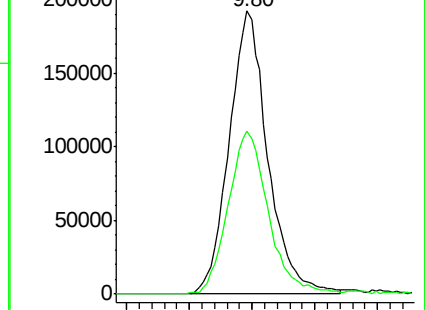
91 100

92 61.2 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: 10.00 ppbv

RT: 12.08 min Scan# 2889

Delta R.T. -0.02 min

Lab File: VL039183.D

Acq: 6 Jun 2022 12:55

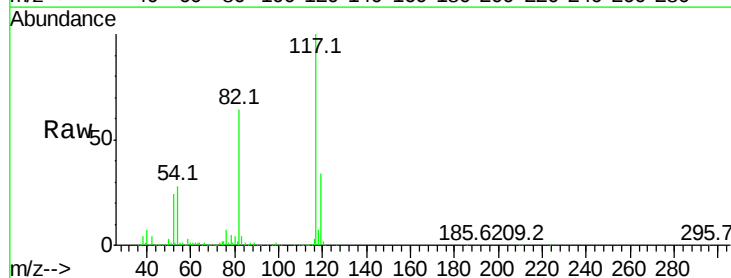
Tgt Ion: 117 Resp: 3252611

Ion Ratio Lower Upper

117 100

82 66.1 55.1 82.7

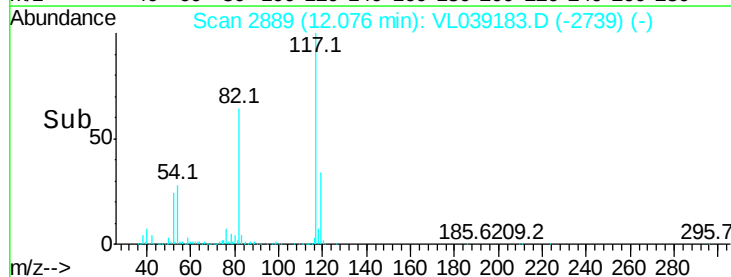
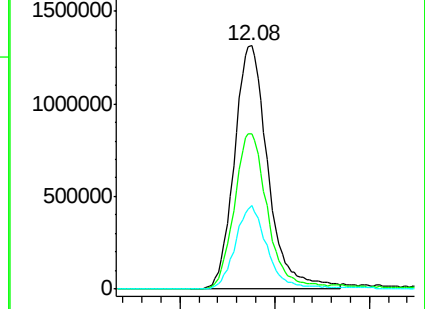
119 33.3 24.7 37.1

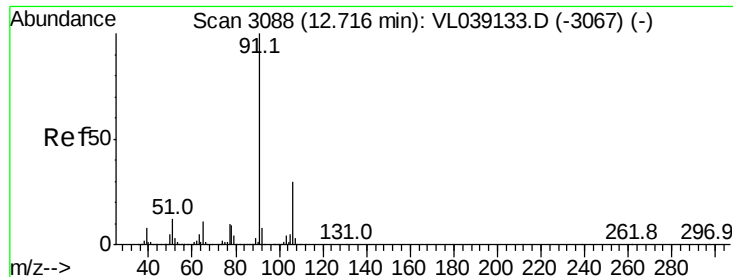


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

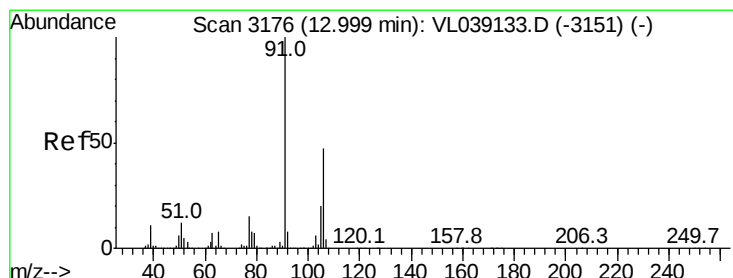
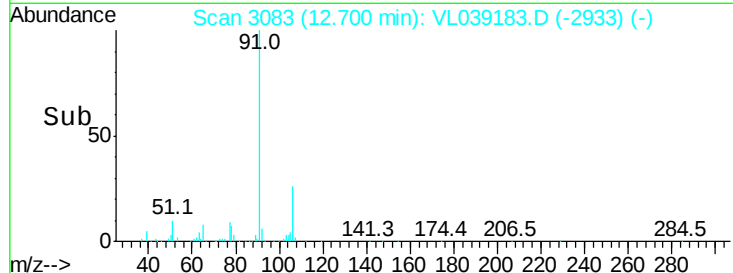
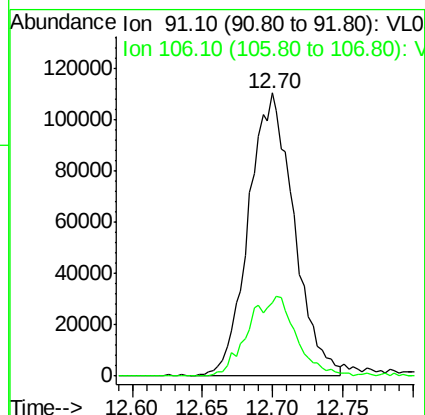
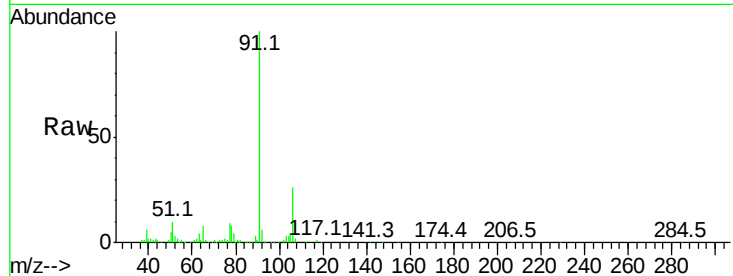
Ion 119.10 (118.80 to 119.80): V





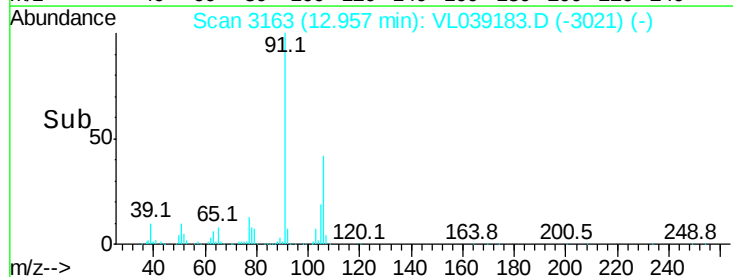
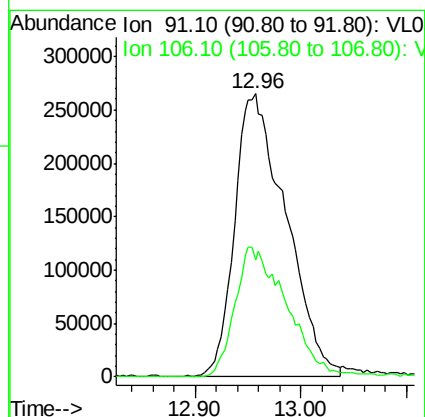
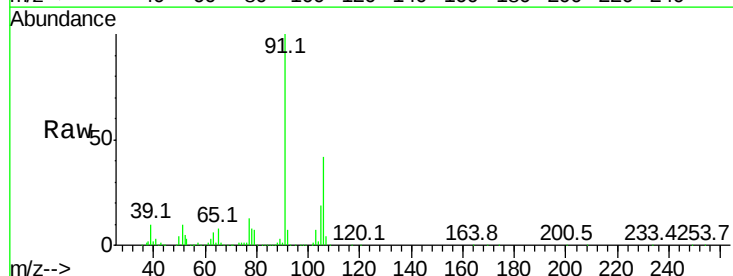
#58
Ethyl Benzene
Concen: 0.55 ppbv
RT: 12.70 min
Delta R.T. MSVOA_1
Lab File: ClientSampleId :
Acq: 6 Jun 2022 12:55

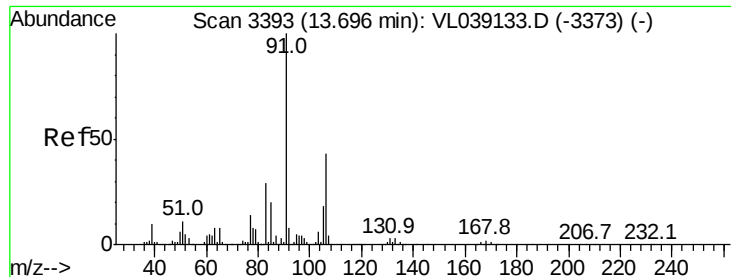
Tgt Ion: 91 Resp: 247709
Ion Ratio Lower Upper
91 100
106 25.8 24.2 36.4



#59
m/p-Xylene
Concen: 2.25 ppbv
RT: 12.96 min Scan# 3163
Delta R.T. -0.04 min
Lab File: VL039183.D
Acq: 6 Jun 2022 12:55

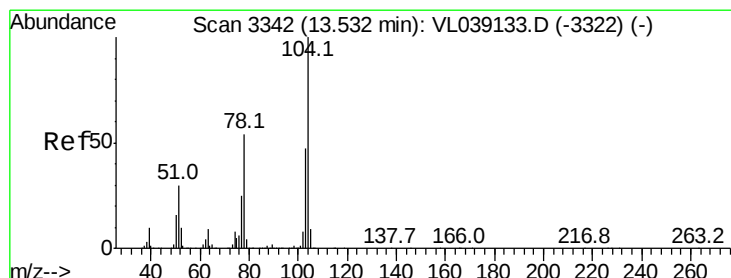
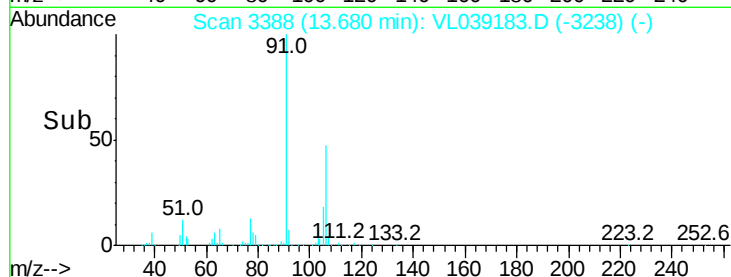
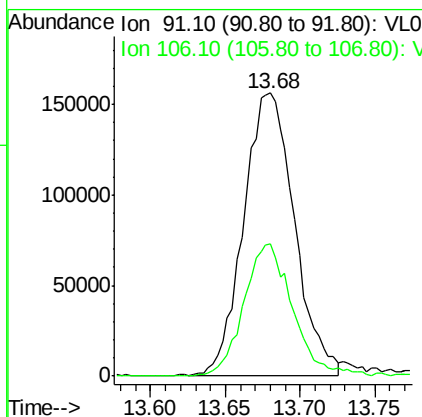
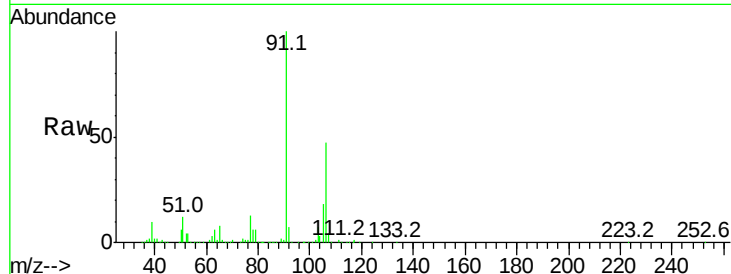
Tgt Ion: 91 Resp: 888381
Ion Ratio Lower Upper
91 100
106 46.7 34.3 51.5





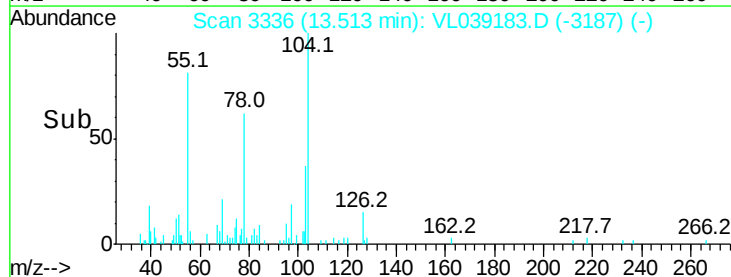
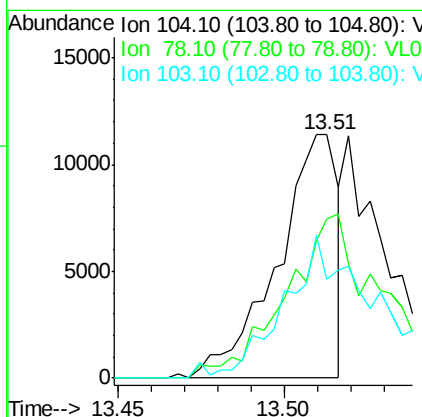
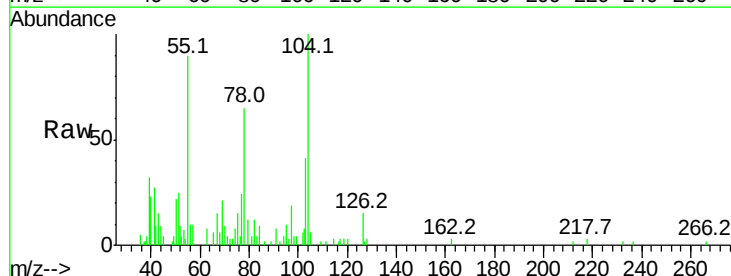
#60
o-Xylene
Concen: 0.99 ppbv
RT: 13.68
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 6 Jun 2022 12:55

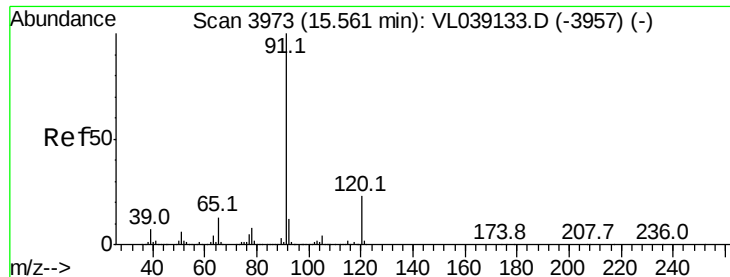
Tgt Ion: 91 Resp: 366480
Ion Ratio Lower Upper
91 100
106 45.5 22.3 66.9



#61
Styrene
Concen: 0.07 ppbv
RT: 13.51 min Scan# 3336
Delta R.T. -0.02 min
Lab File: VL039183.D
Acq: 6 Jun 2022 12:55

Tgt Ion: 104 Resp: 14431
Ion Ratio Lower Upper
104 100
78 0.0 45.7 68.5#
103 95.6 39.6 59.4#





#64

n-propylbenzene

Concen: 0.10 ppbv

RT: 15.55

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

SG-10

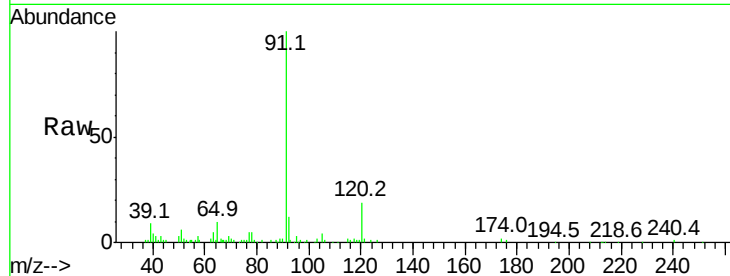
Acq: 6 Jun 2022 12:55

Tgt Ion:120 Resp: 13980

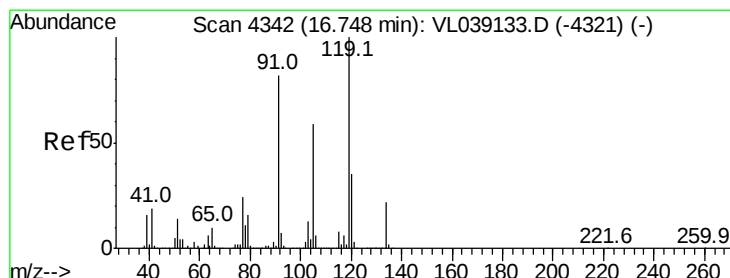
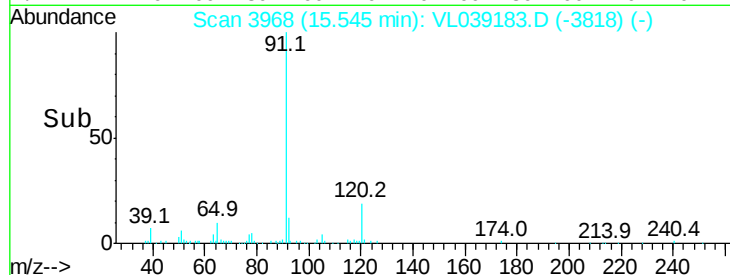
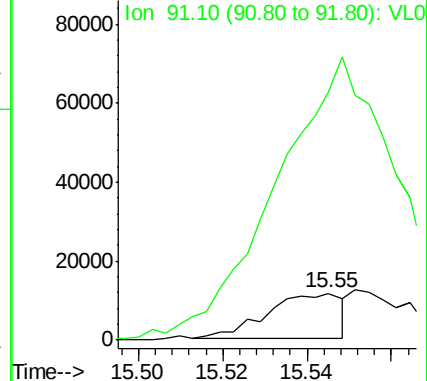
Ion Ratio Lower Upper

120 100

91 0.0 388.4 582.6#



Abundance Ion 120.20 (119.90 to 120.90): V



#65

tert-Butylbenzene

Concen: 0.13 ppbv

RT: 16.74 min Scan# 4341

Delta R.T. -0.00 min

Lab File: VL039183.D

Acq: 6 Jun 2022 12:55

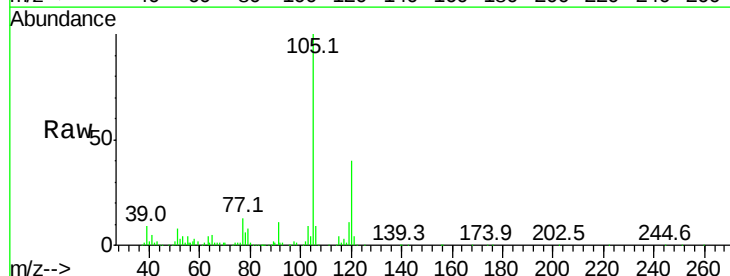
Tgt Ion:119 Resp: 65564

Ion Ratio Lower Upper

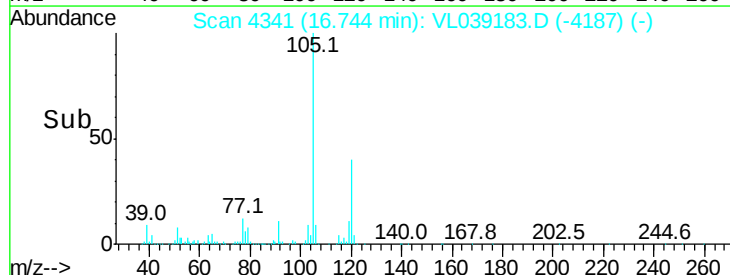
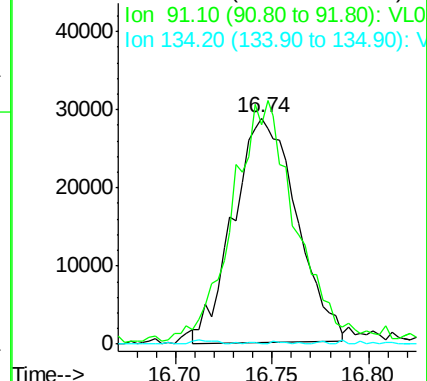
119 100

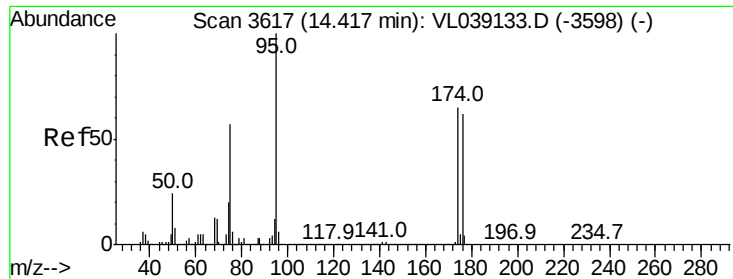
91 111.2 67.1 100.7#

134 0.0 15.8 23.8#



Abundance Ion 119.20 (118.90 to 119.90): V





#68

1-Bromo-4-Fluorobenzene

Concen: 9.28 ppbv

RT: 14.40 min

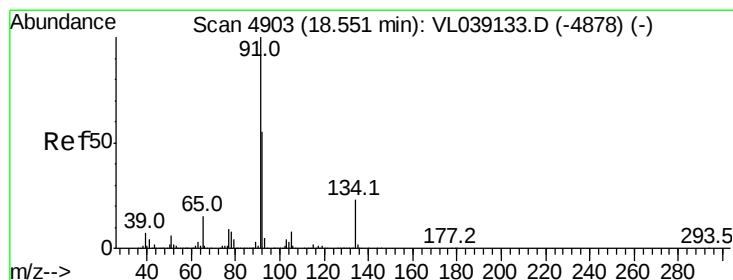
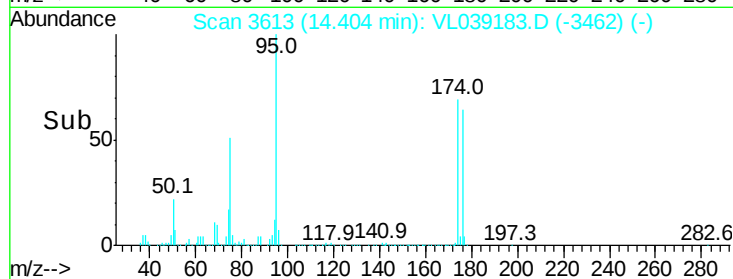
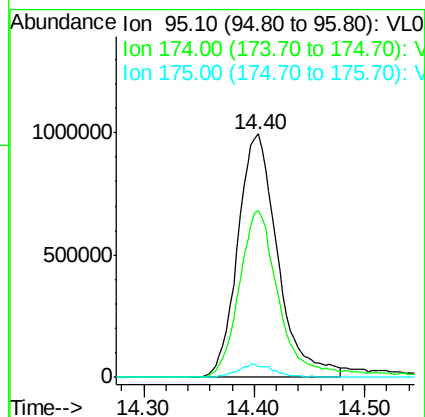
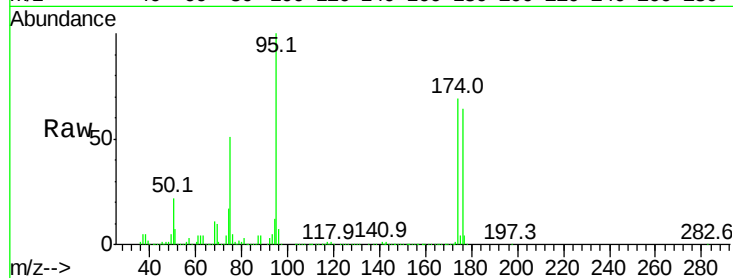
Delta R.T. MSVOA_L

Lab File: ClientSampleId : SG-10

Acq: 6 Jun 2022 12:55

Tgt Ion: 95 Resp: 2495369

Ion	Ratio	Lower	Upper
95	100		
174	70.9	53.8	80.8
175	5.2	4.1	6.1



#70

n-Butylbenzene

Concen: 0.08 ppbv

RT: 18.54 min Scan# 4900

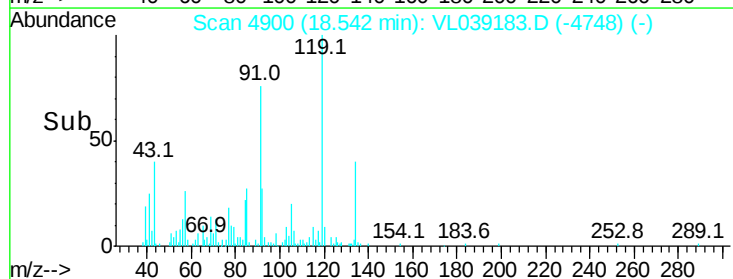
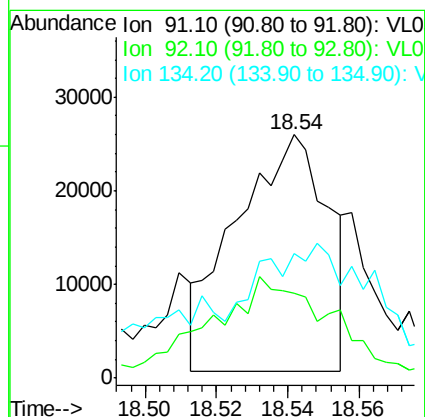
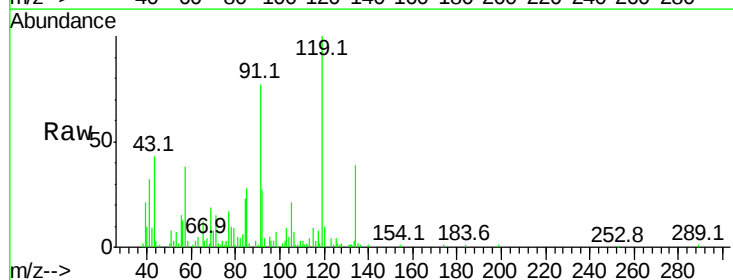
Delta R.T. -0.01 min

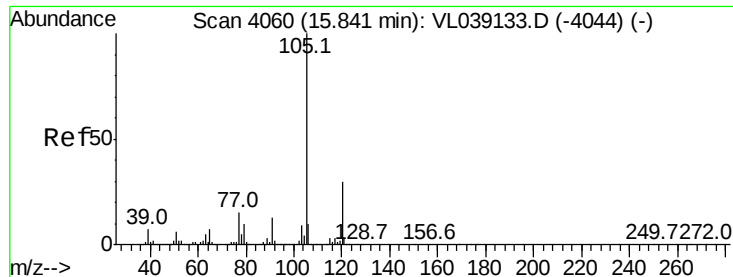
Lab File: VL039183.D

Acq: 6 Jun 2022 12:55

Tgt Ion: 91 Resp: 45176

Ion	Ratio	Lower	Upper
91	100		
92	61.8	43.6	65.4
134	112.3	17.7	26.5





#72

4-Ethyltoluene

Concen: 0.41 ppbv

RT: 15.83

Delta R.T. MSVOA_1

Lab File: ClientSampleId :

Acq: 6 Jun 2022 12:55

Tgt Ion:105 Resp: 177204

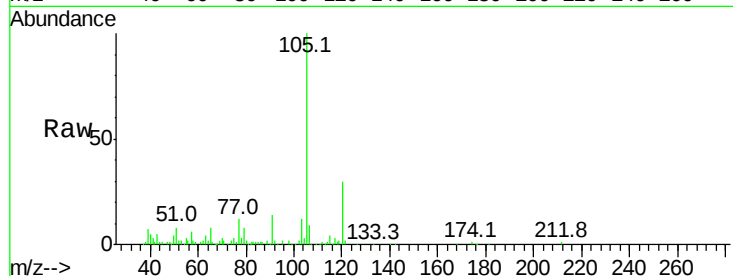
Ion Ratio Lower Upper

105 100

120 34.9 23.9 35.9

91 14.4 10.6 16.0

77 13.8 11.7 17.5

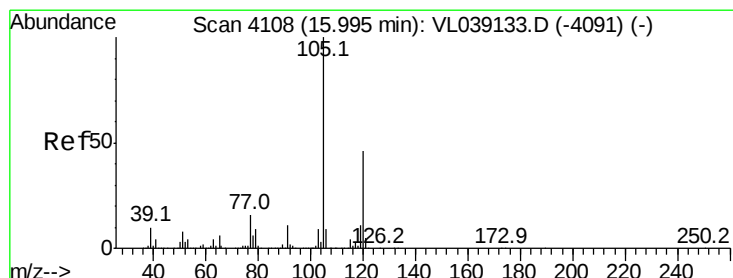
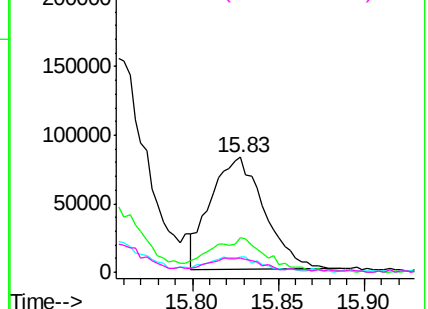
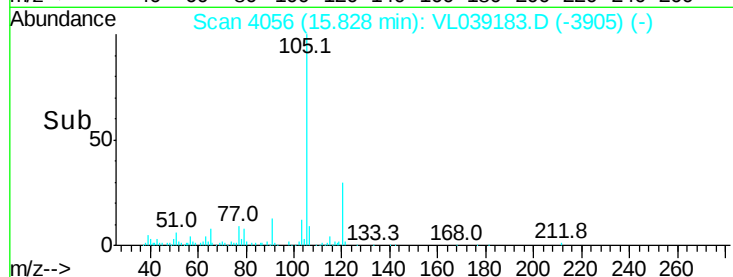


Abundance Ion 105.10 (104.80 to 105.80): V

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: 0.19 ppbv

RT: 15.98 min Scan# 4102

Delta R.T. -0.02 min

Lab File: VL039183.D

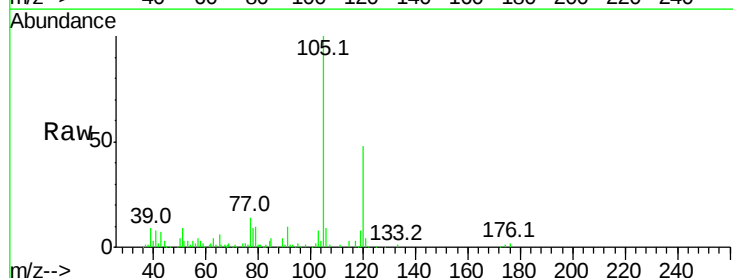
Acq: 6 Jun 2022 12:55

Tgt Ion:105 Resp: 76414

Ion Ratio Lower Upper

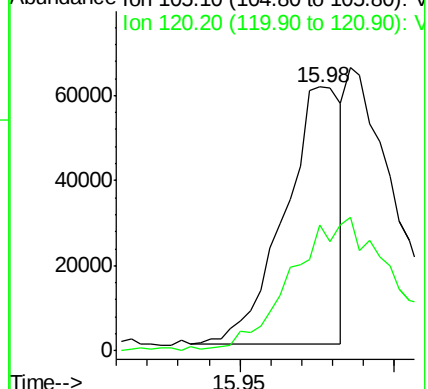
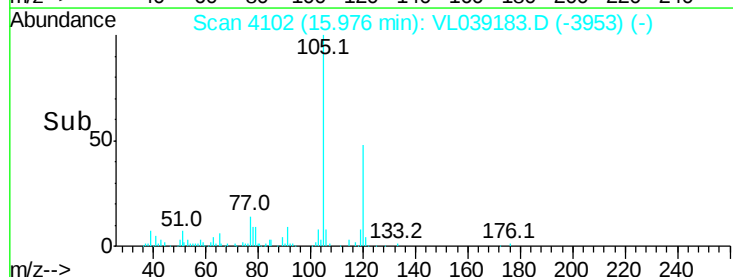
105 100

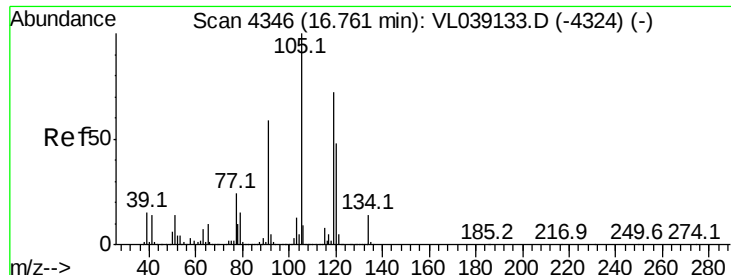
120 47.1 36.7 55.1



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: 1.38 ppbv

RT: 16.75 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

SG-10

Acq: 6 Jun 2022 12:55

Tgt Ion:105 Resp: 602662

Ion Ratio Lower Upper

105 100

120 38.5 38.1 57.1

91 11.3 47.4 71.0#

77 13.0 19.5 29.3#

