

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL071222\
 Data File : VL039454.D
 Acq On : 12 Jul 2022 18:46
 Operator : SY/AP
 Sample : N3660-05 2X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-4

Quant Time: Jul 13 01:36:25 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	5.69	49	1572949	10.00	ppbv	0.04
33) 1,4-Difluorobenzene	7.20	114	4211435	10.00	ppbv	0.04
55) Chlorobenzene-d5	12.11	117	3901793	10.00	ppbv	0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	2960508	10.23	ppbv	0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.30%

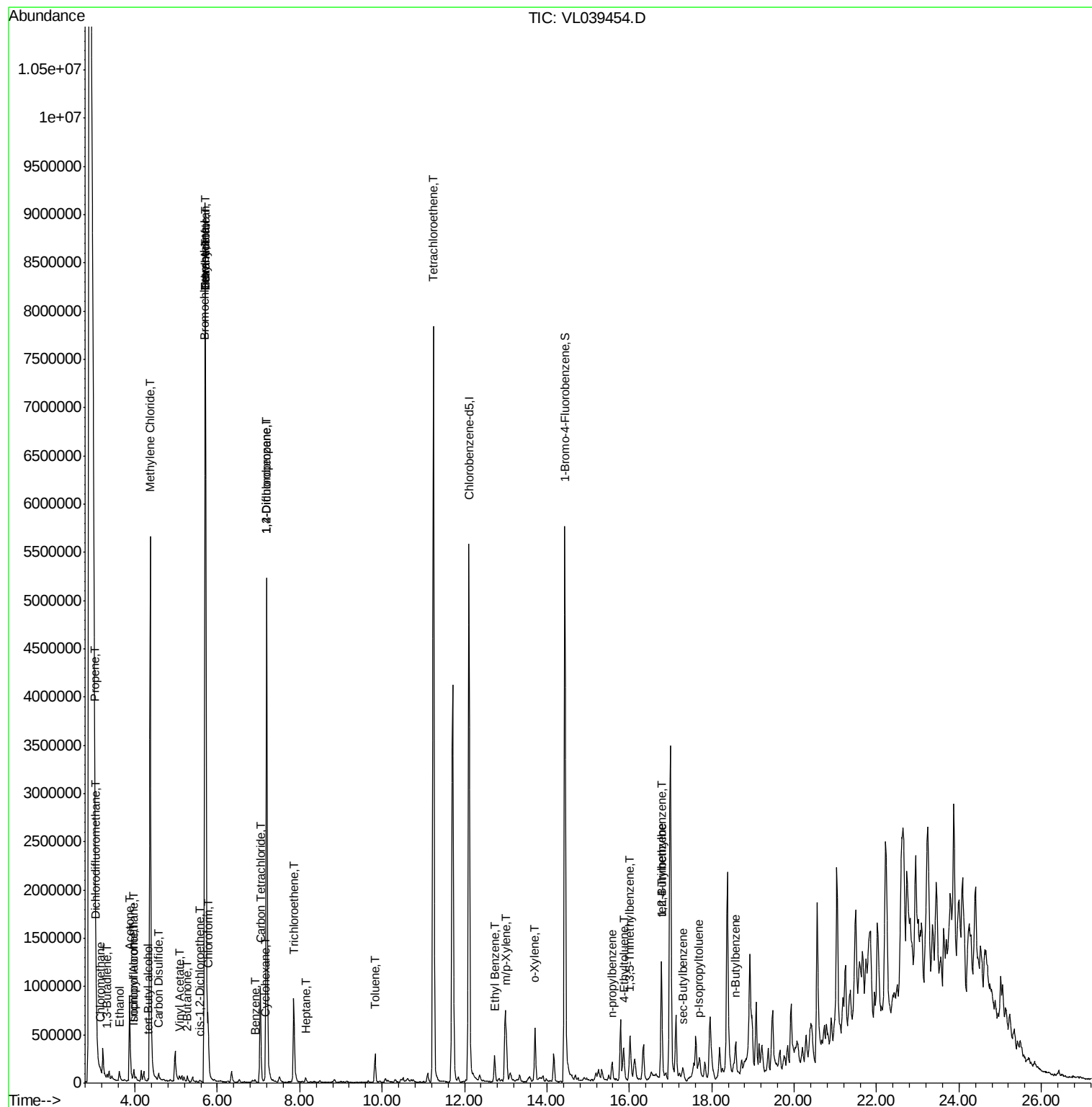
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	3.06	85	119460	0.53	ppbv	98
4) Chloromethane	3.15	50	8413	0.08	ppbv	94
9) Propene	3.03	41	14103	0.16	ppbv #	50
10) Heptane	8.15	43	10786	0.05	ppbv #	33
11) Trichlorofluoromethane	3.97	101	79815	0.32	ppbv	90
13) Ethanol	3.62	45	112197	21.46	ppbv	83
15) Acetone	3.87	43	977295	5.25	ppbv	93
16) 1,3-Butadiene	3.32	39	13487	0.14	ppbv #	18
17) tert-Butyl alcohol	4.31	59	8419	0.05	ppbv #	72
19) Isopropyl Alcohol	3.98	45	11049	0.11	ppbv #	88
20) Methylene Chloride	4.37	84	2227732	30.03	ppbv	97
23) Vinyl Acetate	5.09	43	30369	0.24	ppbv #	80
25) Ethyl Acetate	5.71	43	2695018	7.06	ppbv #	75
26) Hexane	5.71	57	3806336	24.75	ppbv #	37
27) Carbon Disulfide	4.57	76	13465	0.07	ppbv #	34
29) Chloroform	5.77	83	345613	1.29	ppbv	88
30) Cyclohexane	7.16	84	5496	0.04	ppbv #	1
31) cis-1,2-Dichloroethene	5.57	61	8369	0.05	ppbv	98
34) 2-Butanone	5.27	43	28873	0.14	ppbv #	29
35) Carbon Tetrachloride	7.05	117	613774	2.36	ppbv	98
36) Benzene	6.91	78	14207	0.04	ppbv #	94
38) Trichloroethene	7.86	130	294764	1.67	ppbv	96
39) 1,2-Dichloropropane	7.20	63	1041685	8.55	ppbv #	25
41) Tetrahydrofuran	5.71	42	1382005	11.25	ppbv #	49
52) Tetrachloroethene	11.25	164	2167414	16.52	ppbv	97
53) Toluene	9.82	91	139665	0.37	ppbv #	51
58) Ethyl Benzene	12.73	91	246500	0.49	ppbv	93
59) m/p-Xylene	13.01	91	210761	0.47	ppbv #	32
60) o-Xylene	13.71	91	436268	1.04	ppbv	98
64) n-propylbenzene	15.58	120	40242	0.25	ppbv	84
65) tert-Butylbenzene	16.78	119	108435	0.18	ppbv #	74
67) sec-Butylbenzene	17.31	105	48989	0.06	ppbv #	90
69) p-Isopropyltoluene	17.68	119	31045	0.05	ppbv #	31
70) n-Butylbenzene	18.58	91	32573	0.05	ppbv #	1
72) 4-Ethyltoluene	15.86	105	245316	0.50	ppbv	98
73) 1,3,5-Trimethylbenzene	16.01	105	334601	0.74	ppbv	97
74) 1,2,4-Trimethylbenzene	16.78	105	919598	1.83	ppbv #	71

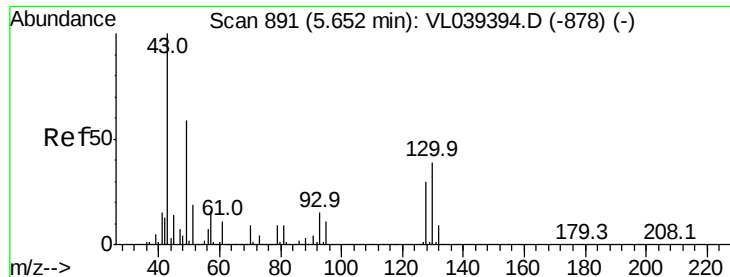
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_L\DATA\VL071222\
Data File : VL039454.D
Acq On : 12 Jul 2022 18:46
Operator : SY/AP
Sample : N3660-05 2X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SG-4

Quant Time: Jul 13 01:36:25 2022
Quant Method : Z:\V0ASRV\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





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.69 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 12 Jul 2022 18:48

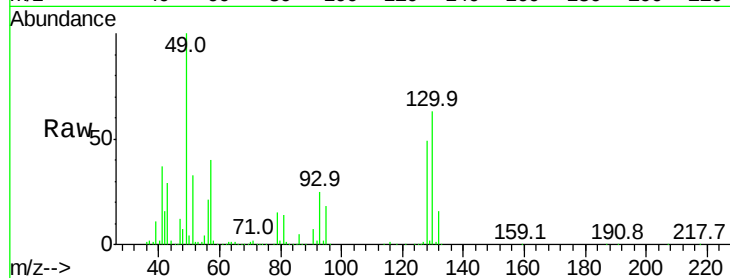
Tgt Ion: 49 Resp: 1572949

Ion Ratio Lower Upper

49 100

128 50.8 26.7 80.0

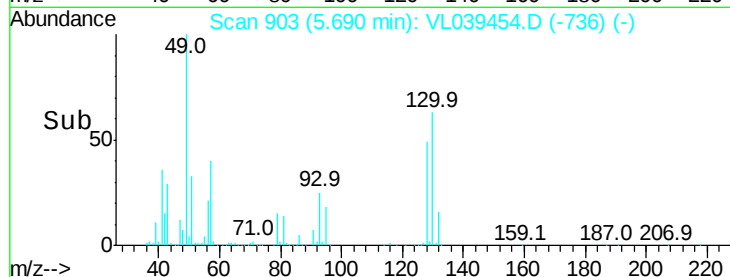
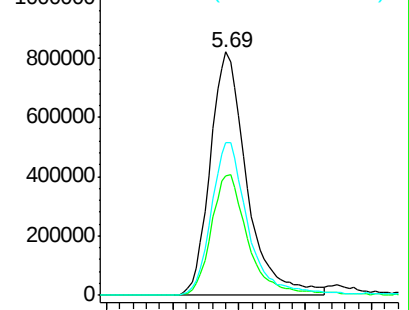
130 64.5 34.3 102.8



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 0.53 ppbv

RT: 3.06 min Scan# 86

Delta R.T. 0.02 min

Lab File: VL039454.D

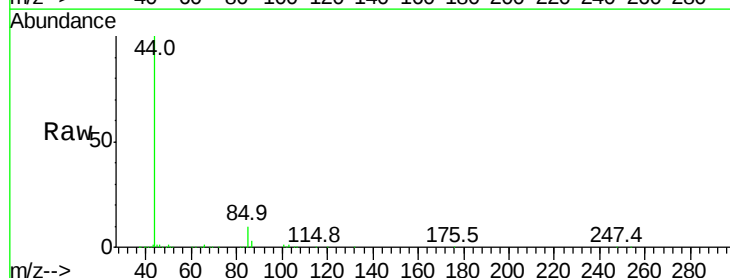
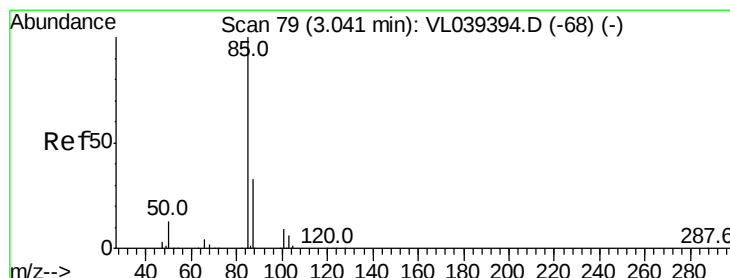
Acq: 12 Jul 2022 18:46

Tgt Ion: 85 Resp: 119460

Ion Ratio Lower Upper

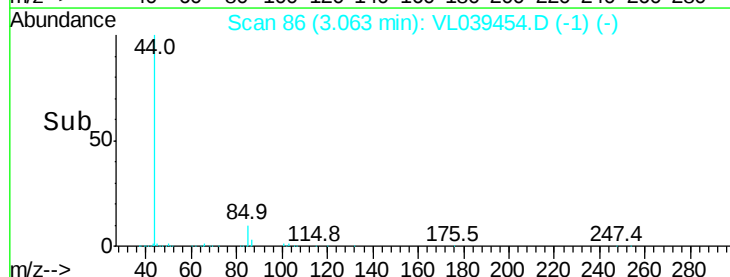
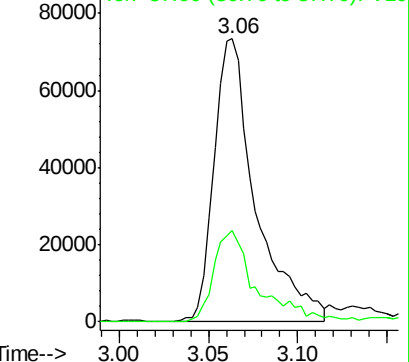
85 100

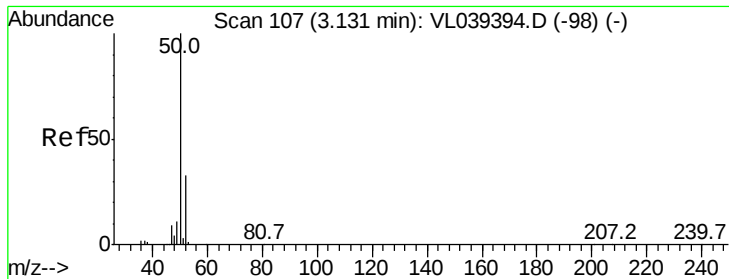
87 32.4 26.7 40.1



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#4

Chloromethane

Concen: 0.08 ppbv

RT: 3.15 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

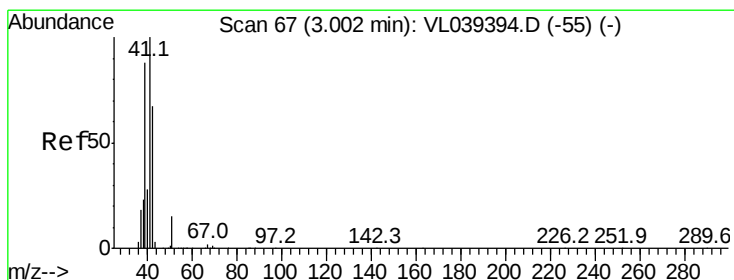
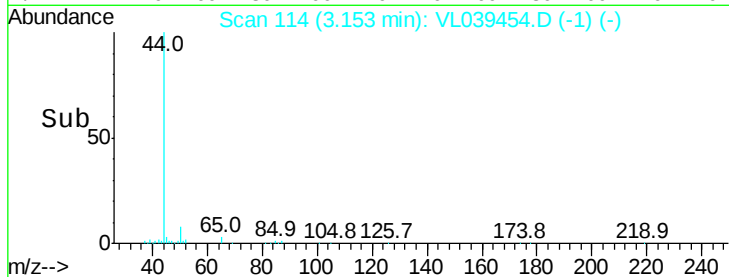
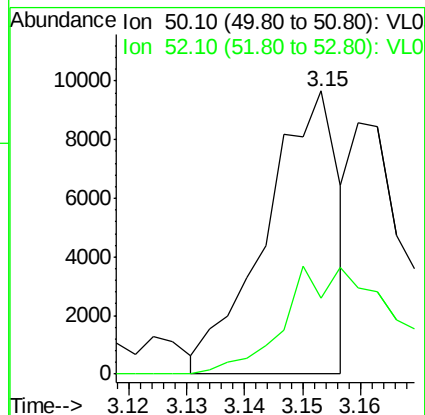
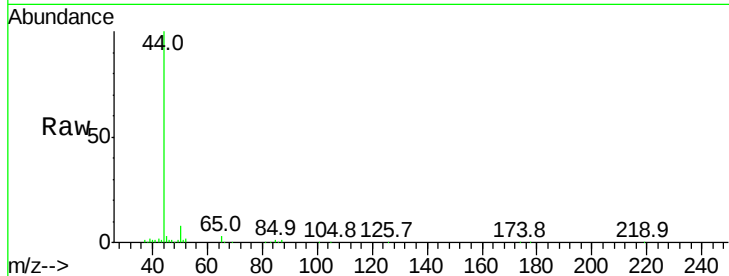
Acq: 12 Jul 2022 18:46

Tgt Ion: 50 Resp: 8413

Ion Ratio Lower Upper

50 100

52 29.6 26.5 39.7



#9

Propene

Concen: 0.16 ppbv

RT: 3.03 min Scan# 76

Delta R.T. 0.03 min

Lab File: VL039454.D

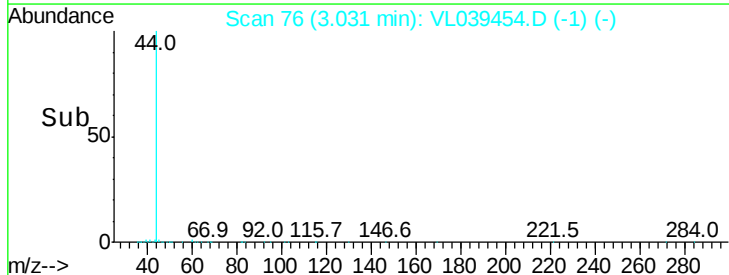
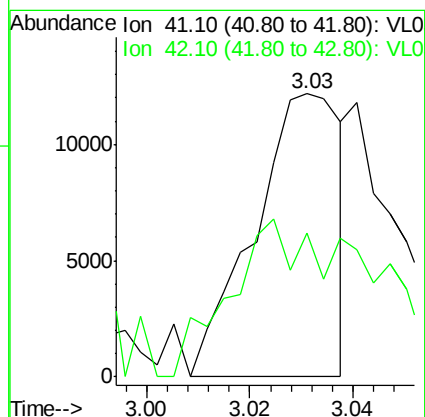
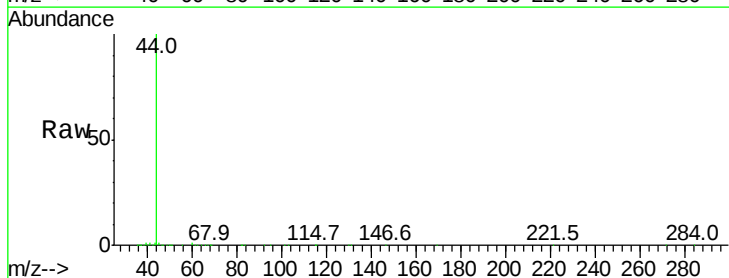
Acq: 12 Jul 2022 18:46

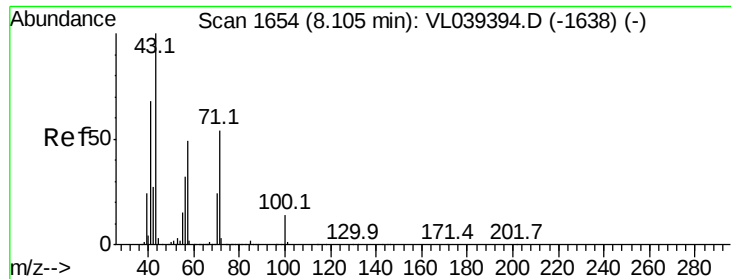
Tgt Ion: 41 Resp: 14103

Ion Ratio Lower Upper

41 100

42 109.4 55.2 82.8#





#10

Heptane

Concen: 0.05 ppbv

RT: 8.15 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

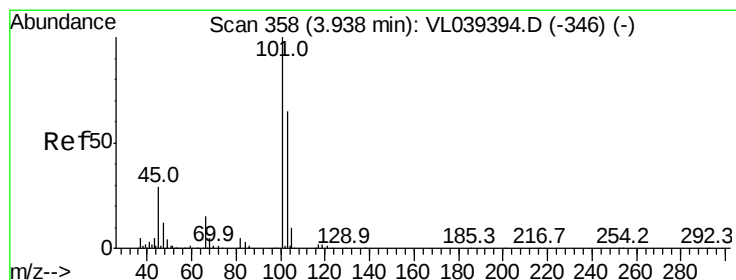
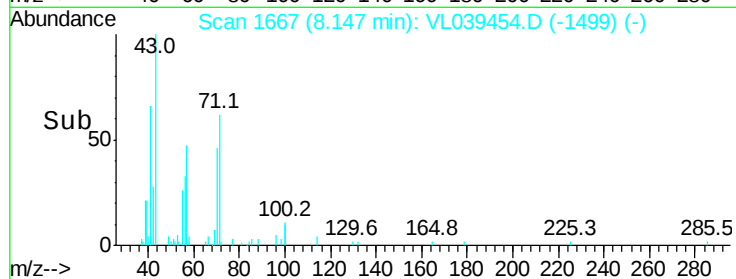
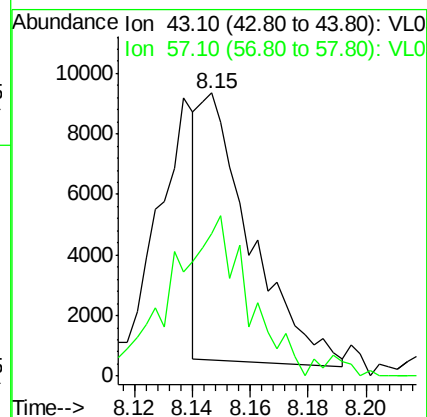
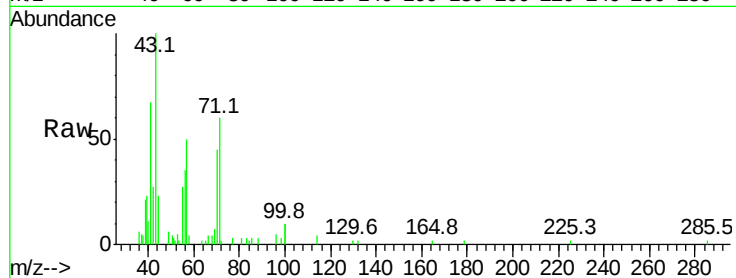
Acq: 12 Jul 2022 18:48

Tgt Ion: 43 Resp: 10786

Ion Ratio Lower Upper

43 100

57 97.1 40.5 60.7#



#11

Trichlorofluoromethane

Concen: 0.32 ppbv

RT: 3.97 min Scan# 368

Delta R.T. 0.03 min

Lab File: VL039454.D

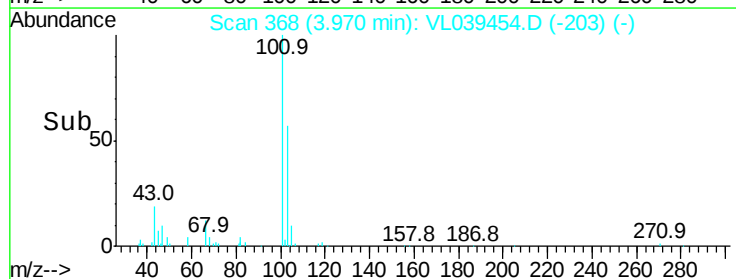
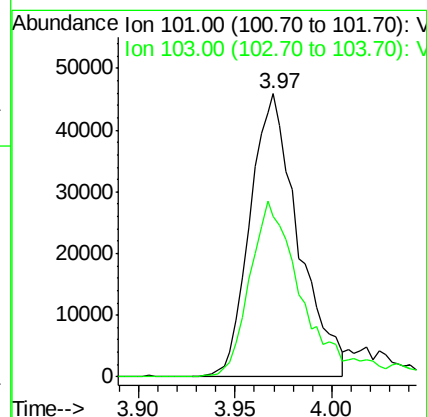
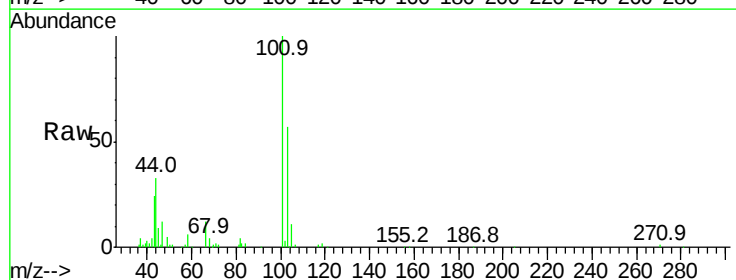
Acq: 12 Jul 2022 18:46

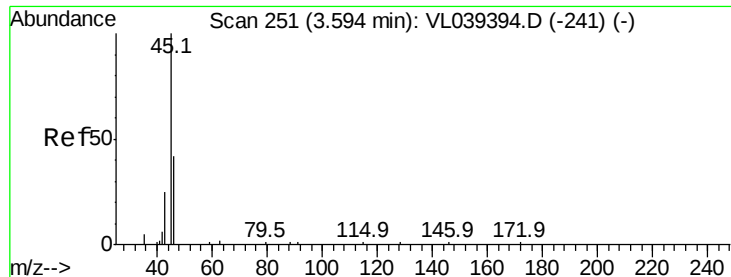
Tgt Ion: 101 Resp: 79815

Ion Ratio Lower Upper

101 100

103 56.7 51.8 77.8





#13

Ethanol

Concen: 21.46 ppbv

RT: 3.62 Instrument: MSVOA_1

Delta R.T. 0.04 min

Lab File: ClientSampleId :

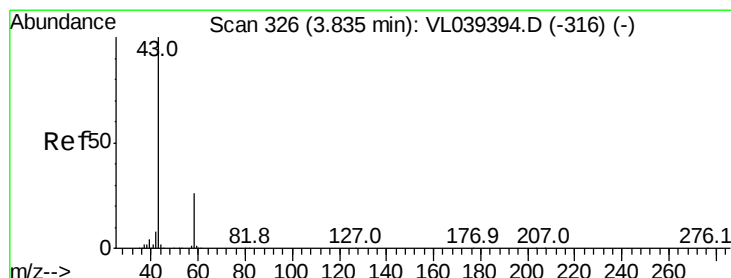
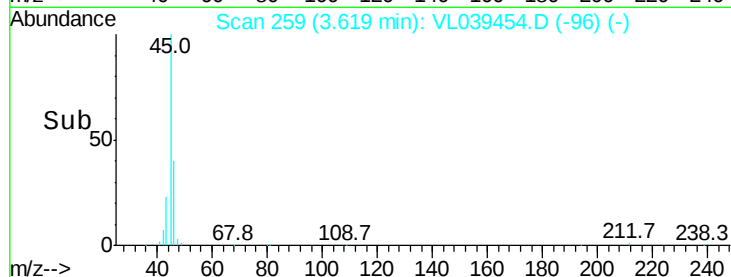
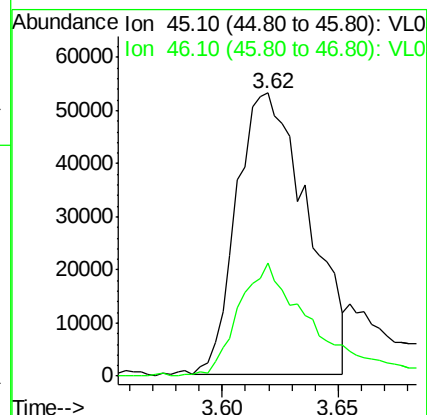
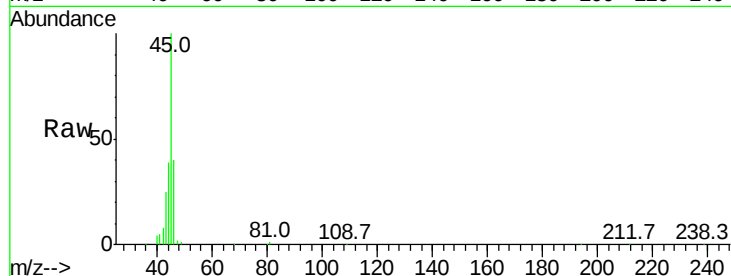
Acq: 12 Jul 2022 18:46

Tgt Ion: 45 Resp: 112197

Ion Ratio Lower Upper

45 100

46 44.7 22.8 91.2



#15

Acetone

Concen: 5.25 ppbv

RT: 3.87 min Scan# 337

Delta R.T. 0.04 min

Lab File: VL039454.D

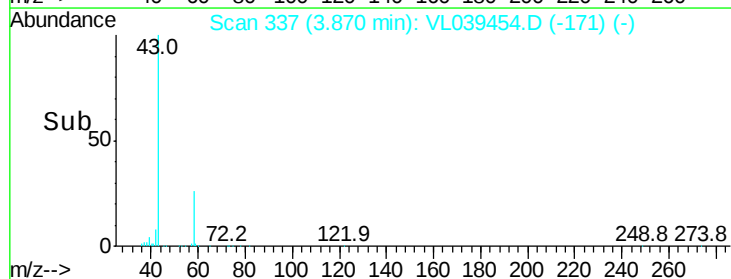
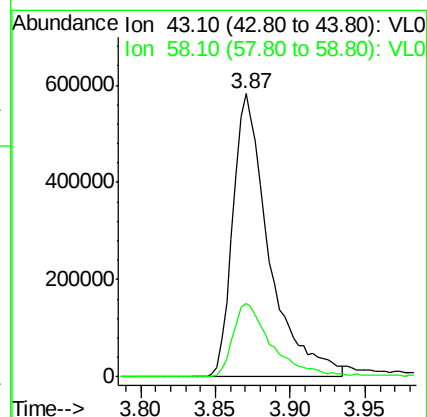
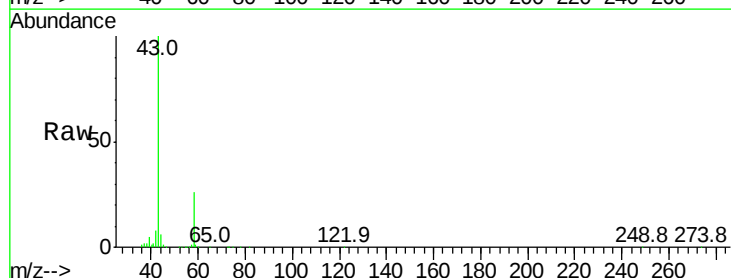
Acq: 12 Jul 2022 18:46

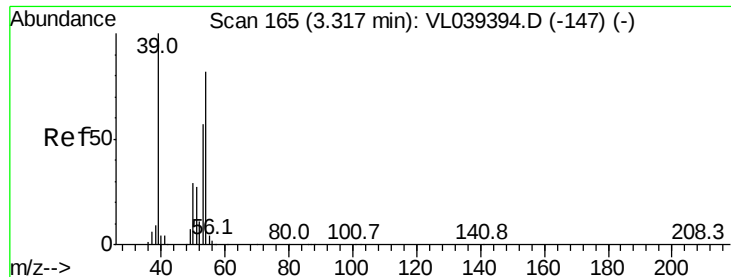
Tgt Ion: 43 Resp: 977295

Ion Ratio Lower Upper

43 100

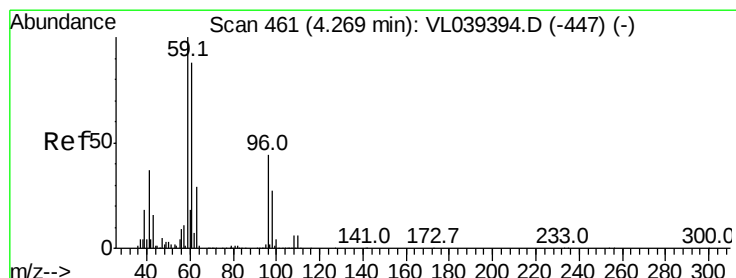
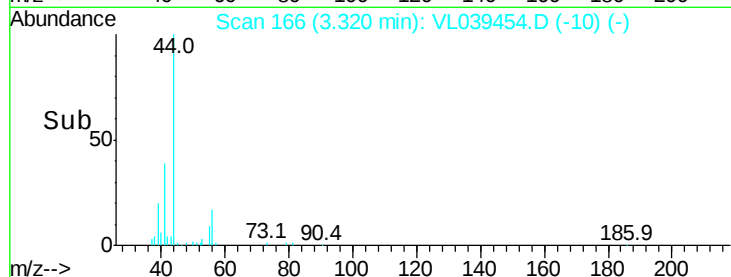
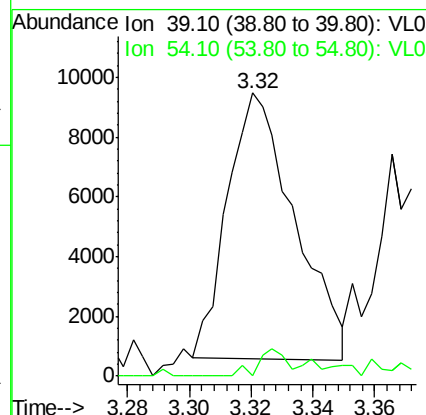
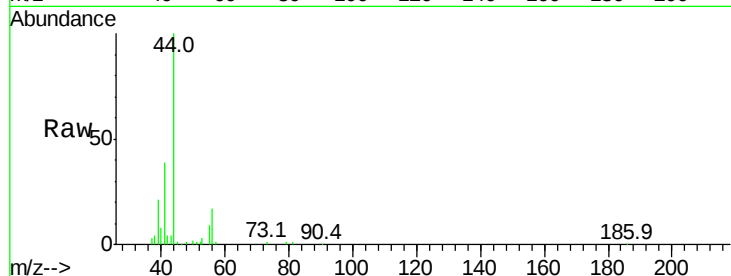
58 29.9 21.0 31.6





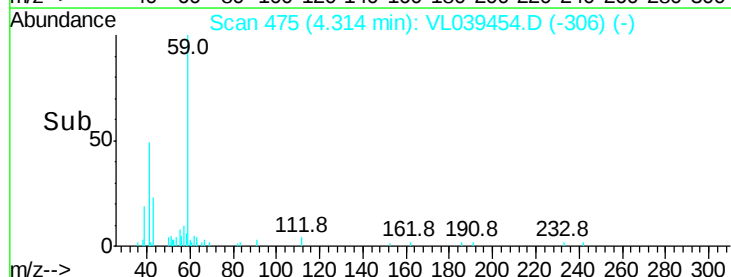
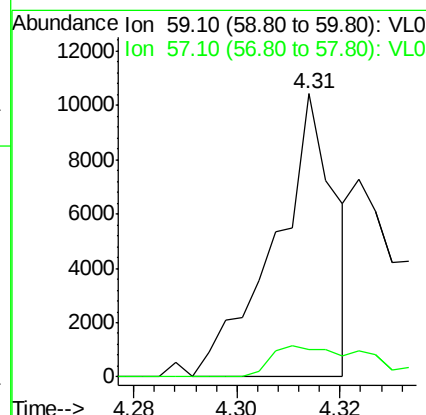
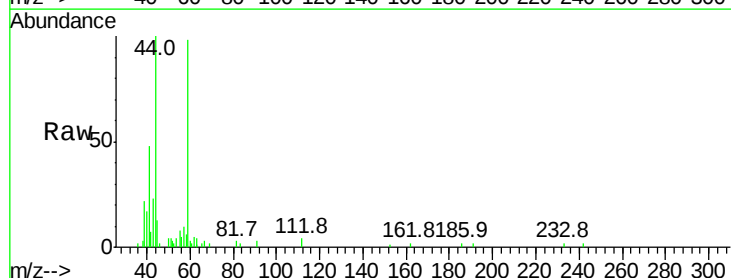
#16
 1,3-Butadiene
 Concen: 0.14 ppbv
 RT: 3.32
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 12 Jul 2022 18:48

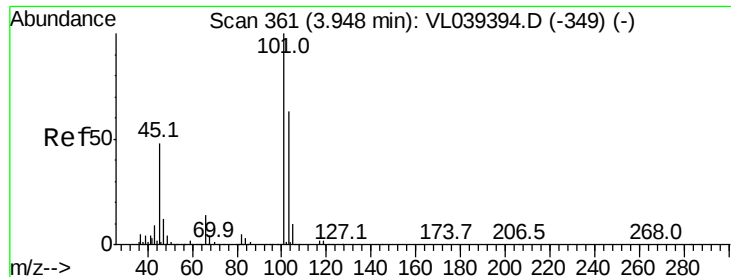
Tgt Ion: 39 Resp: 13487
 Ion Ratio Lower Upper
 39 100
 54 7.3 63.7 95.5#



#17
 tert-Butyl alcohol
 Concen: 0.05 ppbv
 RT: 4.31 min Scan# 475
 Delta R.T. 0.04 min
 Lab File: VL039454.D
 Acq: 12 Jul 2022 18:46

Tgt Ion: 59 Resp: 8419
 Ion Ratio Lower Upper
 59 100
 57 21.6 8.7 13.1#





#19

Isopropyl Alcohol

Concen: 0.11 ppbv

RT: 3.98 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

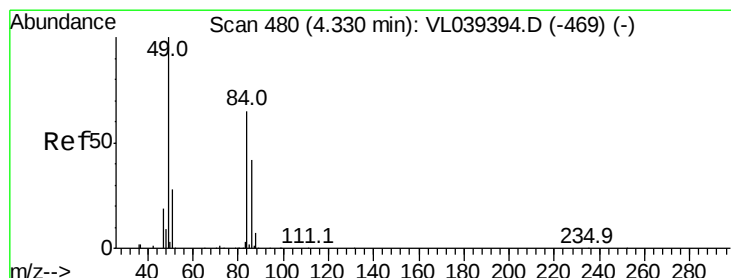
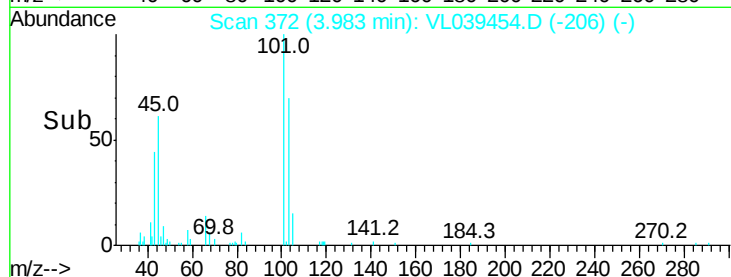
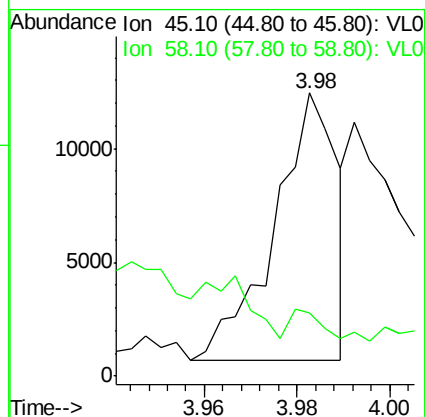
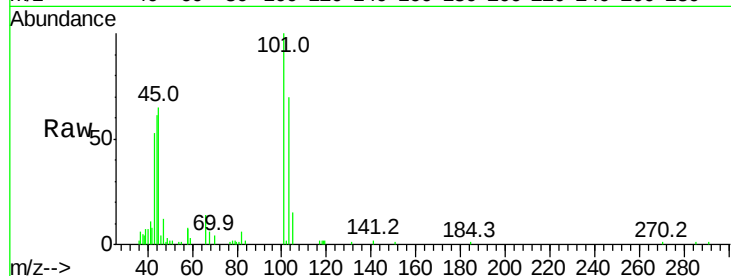
Acq: 12 Jul 2022 18:48

Tgt Ion: 45 Resp: 11049

Ion Ratio Lower Upper

45 100

58 0.0 3.2 4.8#



#20

Methylene Chloride

Concen: 30.03 ppbv

RT: 4.37 min Scan# 492

Delta R.T. 0.04 min

Lab File: VL039454.D

Acq: 12 Jul 2022 18:46

Tgt Ion: 84 Resp: 2227732

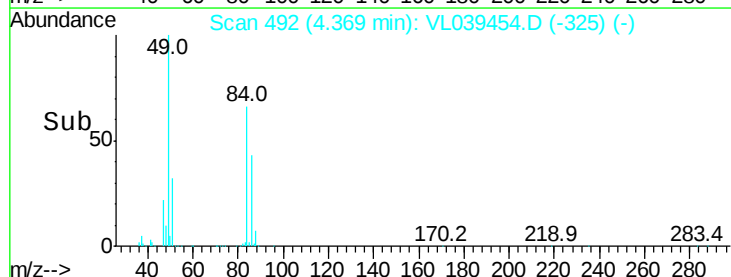
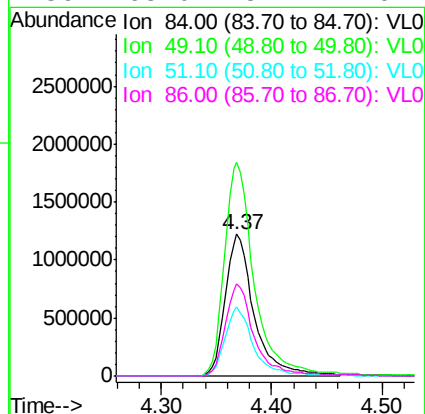
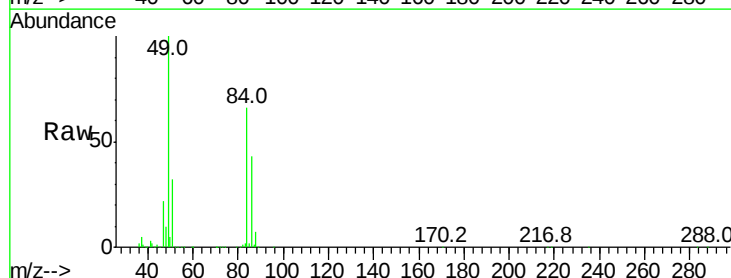
Ion Ratio Lower Upper

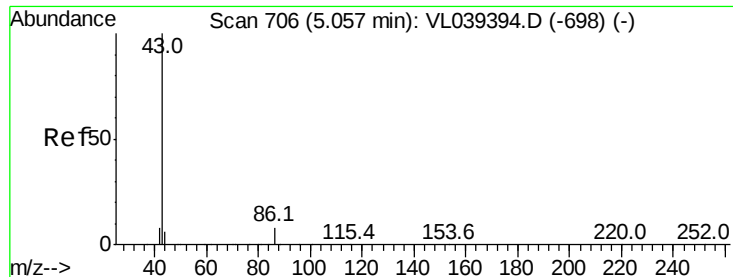
84 100

49 150.5 123.1 184.7

51 48.5 34.4 51.6

86 65.0 51.1 76.7





#23

Vinyl Acetate

Concen: 0.24 ppbv

RT: 5.09 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 12 Jul 2022 18:48

Tgt Ion: 43 Resp: 30369

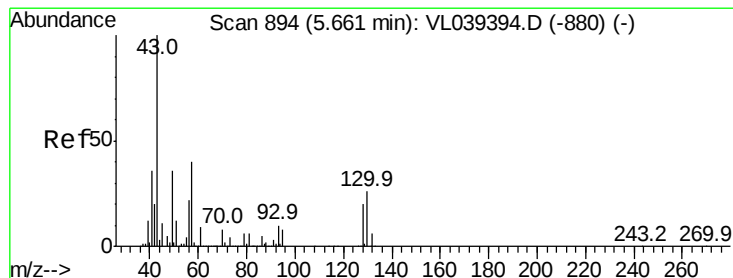
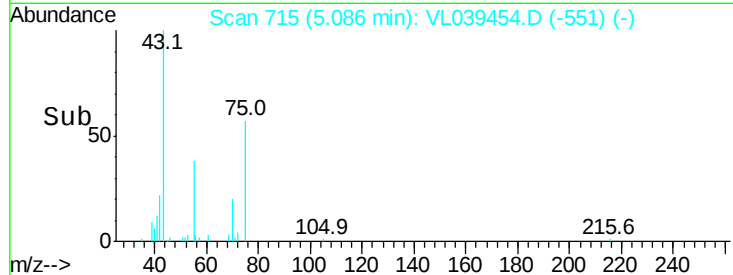
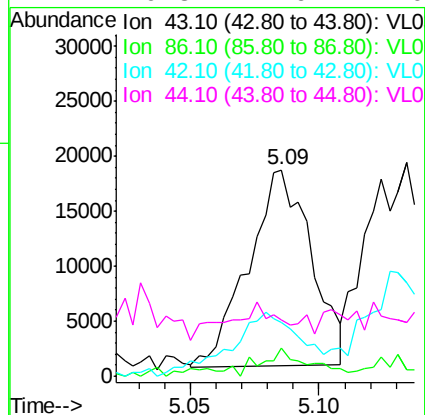
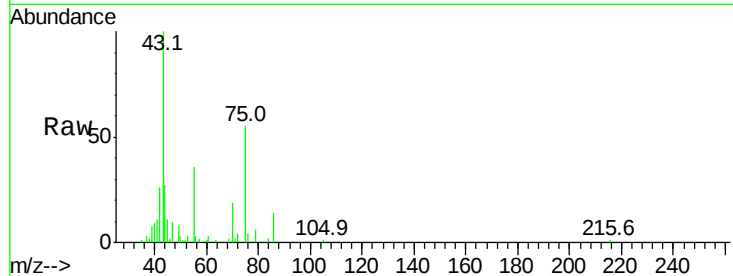
Ion Ratio Lower Upper

43 100

86 10.2 5.0 7.6#

42 19.8 7.7 11.5#

44 0.3 4.6 7.0#



#25

Ethyl Acetate

Concen: 7.06 ppbv

RT: 5.71 min Scan# 910

Delta R.T. 0.05 min

Lab File: VL039454.D

Acq: 12 Jul 2022 18:46

Tgt Ion: 43 Resp: 2695018

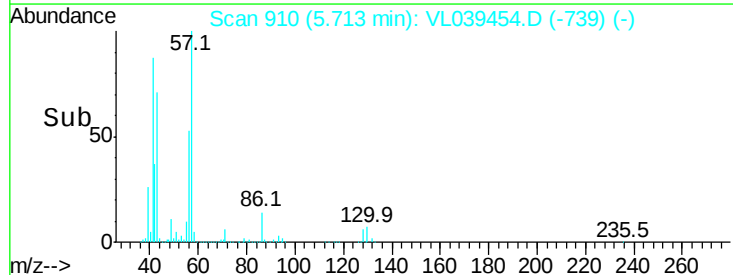
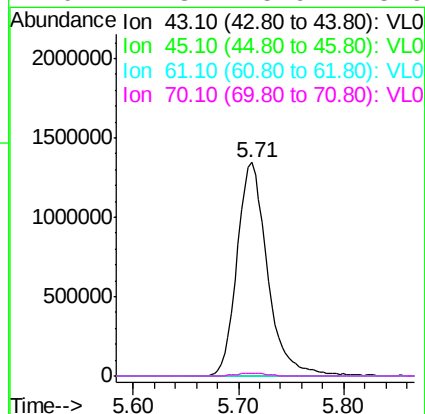
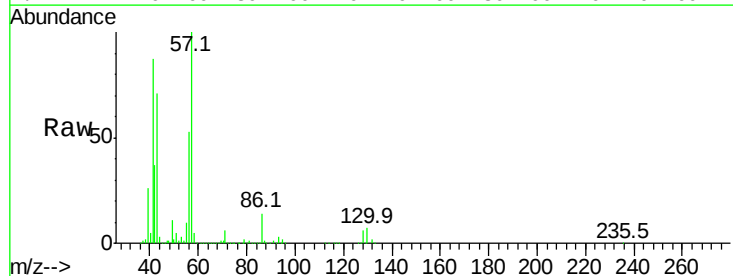
Ion Ratio Lower Upper

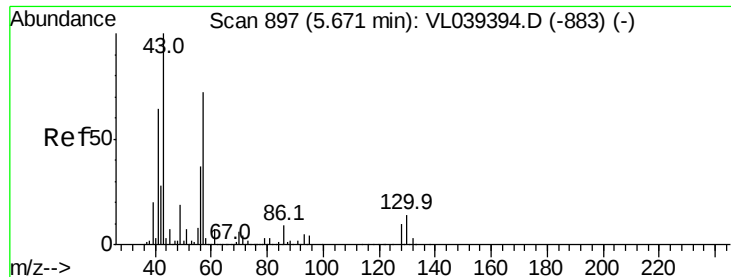
43 100

45 0.2 8.2 12.4#

61 0.2 8.3 12.5#

70 1.3 5.9 8.9#





#26

Hexane

Concen: 24.75 ppbv

RT: 5.71

Delta R.T.

Lab File:

Acq: 12 Jul 2022 18:48

Instrument:

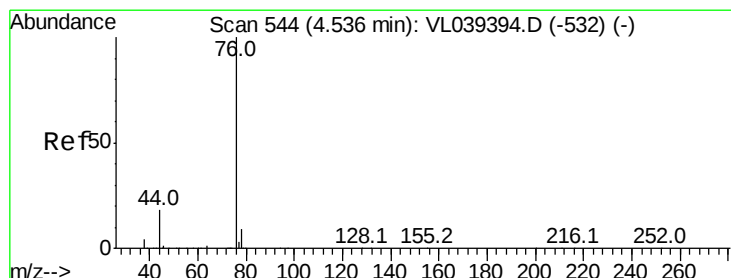
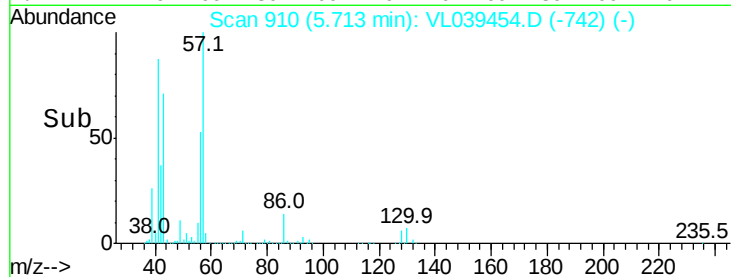
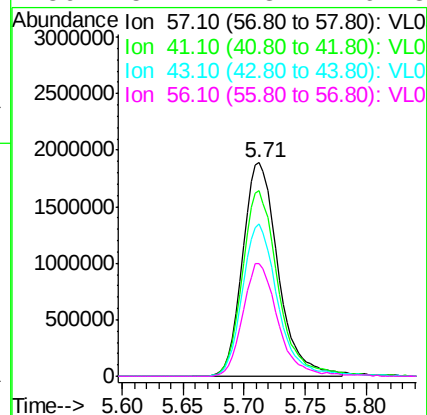
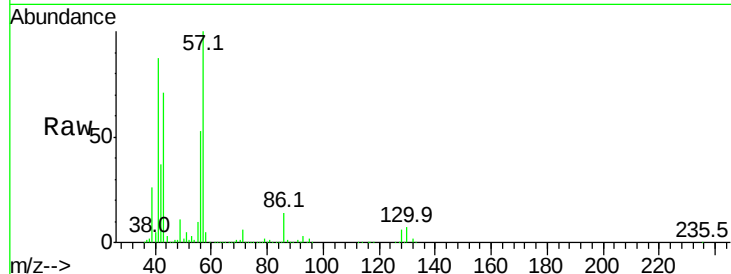
MSVOA_L

ClientSampleId:

SG-4

Tgt Ion: 57 Resp: 3806336

Ion	Ratio	Lower	Upper
57	100		
41	88.0	76.9	115.3
43	71.3	191.0	286.6#
56	52.7	43.2	64.8



#27

Carbon Disulfide

Concen: 0.07 ppbv

RT: 4.57 min Scan# 554

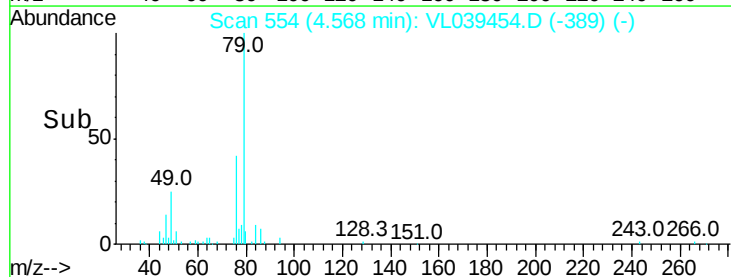
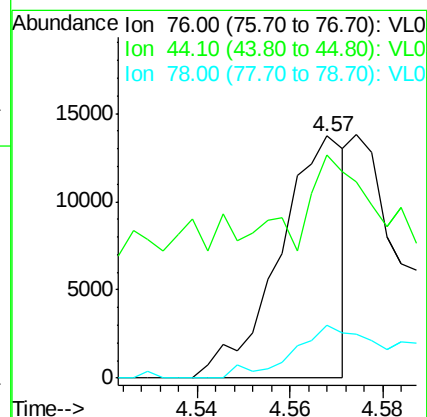
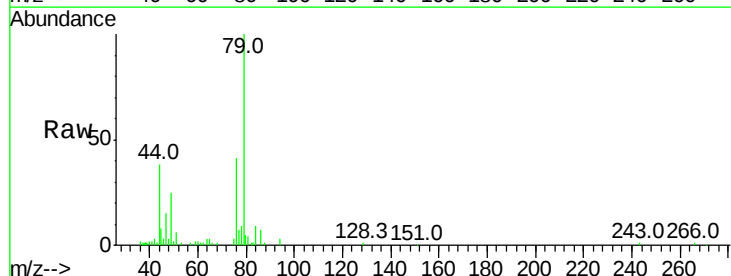
Delta R.T. 0.03 min

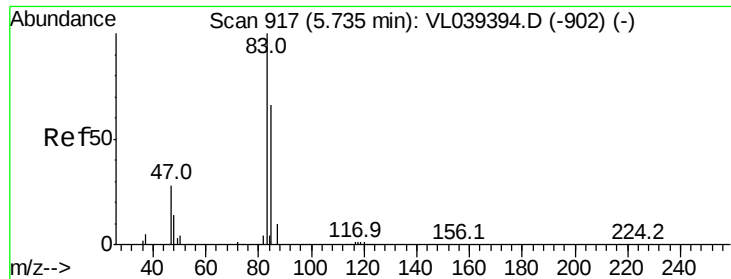
Lab File: VL039454.D

Acq: 12 Jul 2022 18:46

Tgt Ion: 76 Resp: 13465

Ion	Ratio	Lower	Upper
76	100		
44	40.9	14.6	21.8#
78	44.0	7.8	11.6#





#29

Chloroform

Concen: 1.29 ppbv

RT: 5.77 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

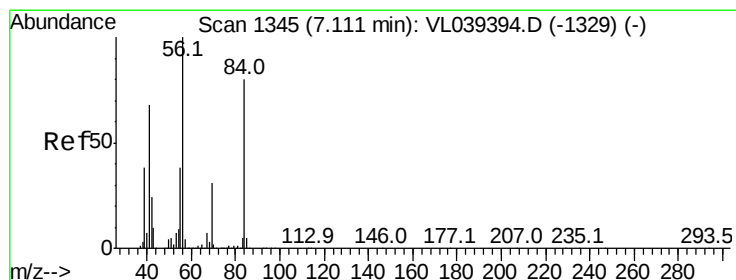
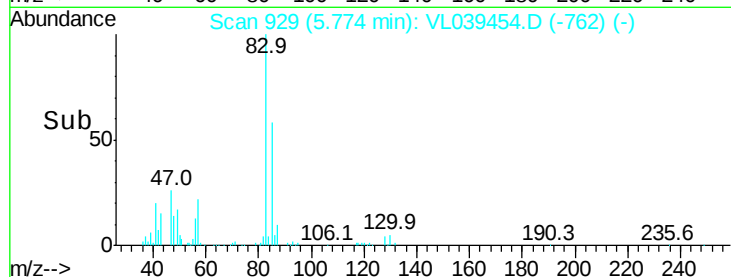
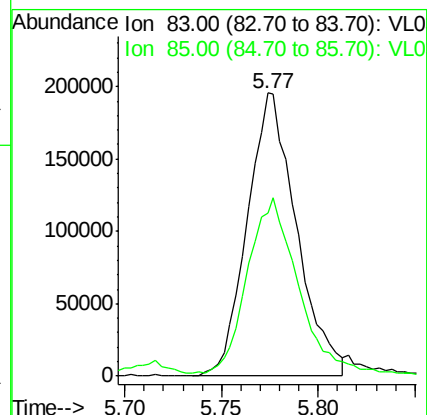
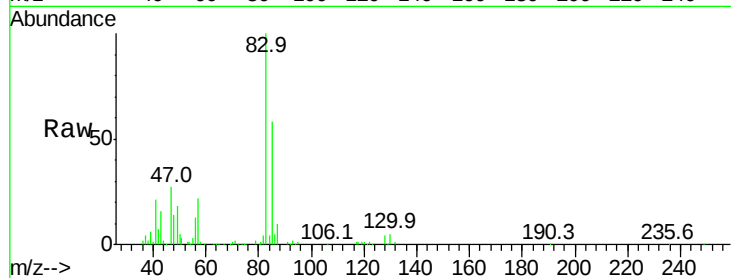
Acq: 12 Jul 2022 18:46

Tgt Ion: 83 Resp: 345613

Ion Ratio Lower Upper

83 100

85 56.4 52.8 79.2



#30

Cyclohexane

Concen: 0.04 ppbv

RT: 7.16 min Scan# 1359

Delta R.T. 0.04 min

Lab File: VL039454.D

Acq: 12 Jul 2022 18:46

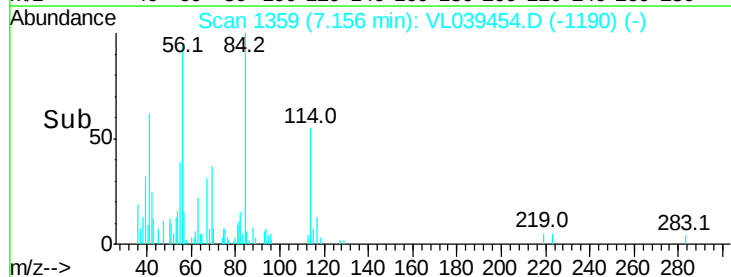
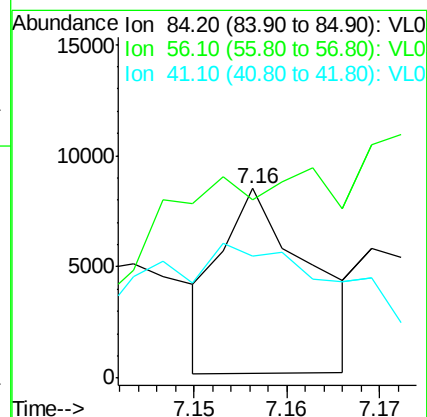
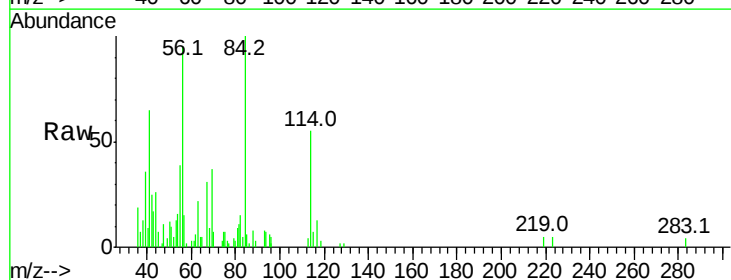
Tgt Ion: 84 Resp: 5496

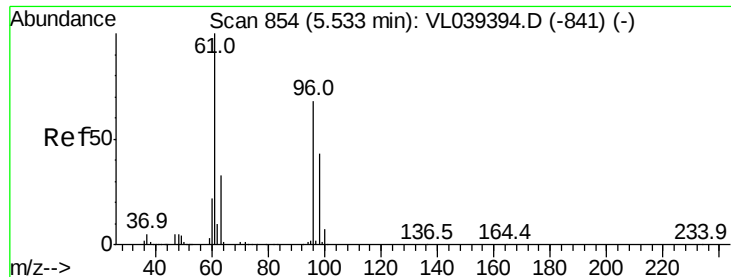
Ion Ratio Lower Upper

84 100

56 0.0 107.7 161.5#

41 266.1 67.7 101.5#





#31

cis-1,2-Dichloroethene

Concen: 0.05 ppbv

RT: 5.57 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 12 Jul 2022 18:46 SG-4

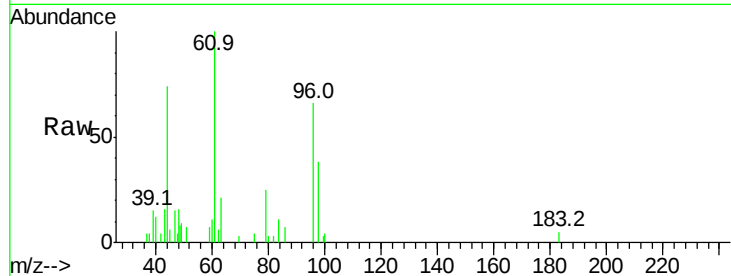
Tgt Ion: 61 Resp: 8369

Ion Ratio Lower Upper

61 100

96 69.9 54.1 81.1

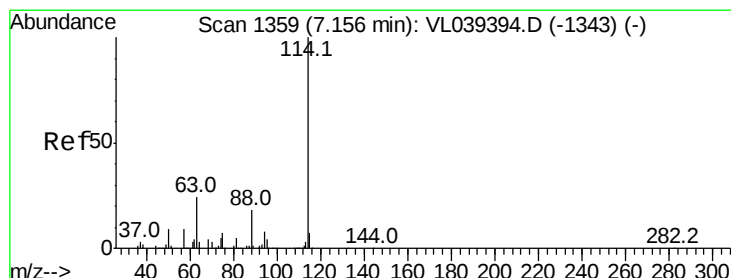
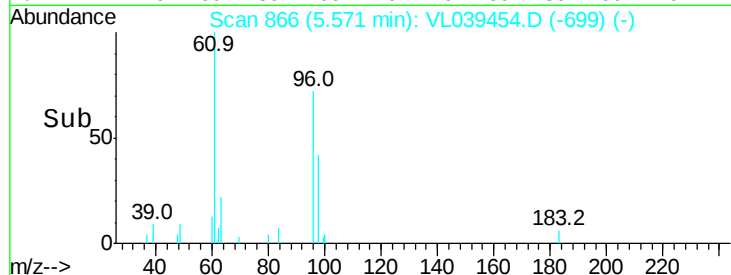
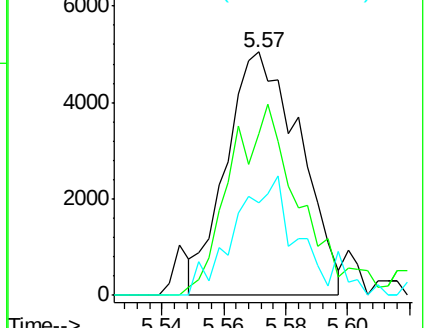
98 42.4 34.6 52.0



Abundance Ion 61.10 (60.80 to 61.80): VL0

Ion 96.00 (95.70 to 96.70): VL0

Ion 98.00 (97.70 to 98.70): VL0



#33

1,4-Difluorobenzene

Concen: 10.00 ppbv

RT: 7.20 min Scan# 1372

Delta R.T. 0.04 min

Lab File: VL039454.D

Acq: 12 Jul 2022 18:46

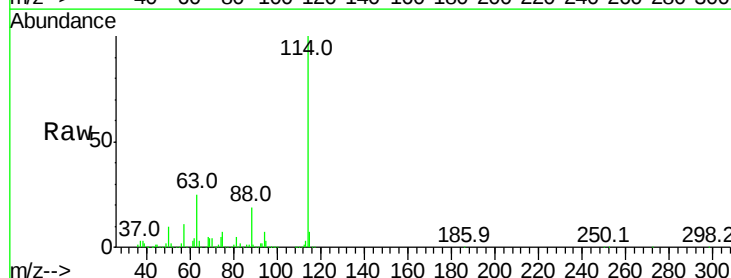
Tgt Ion: 114 Resp: 4211435

Ion Ratio Lower Upper

114 100

63 25.1 20.2 30.4

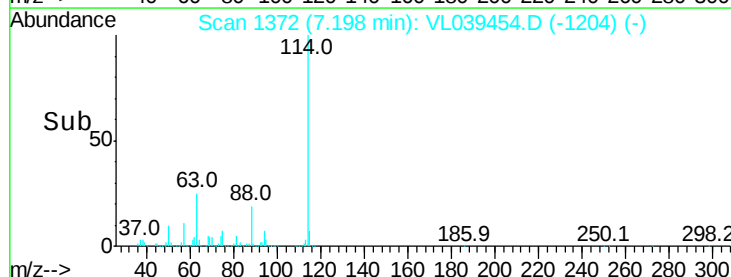
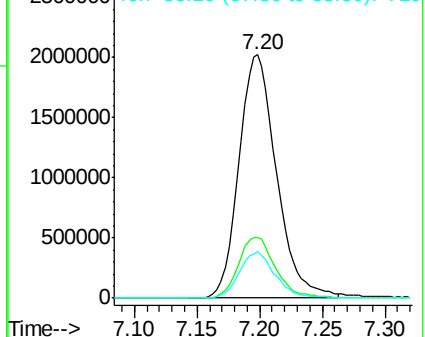
88 18.4 14.5 21.7

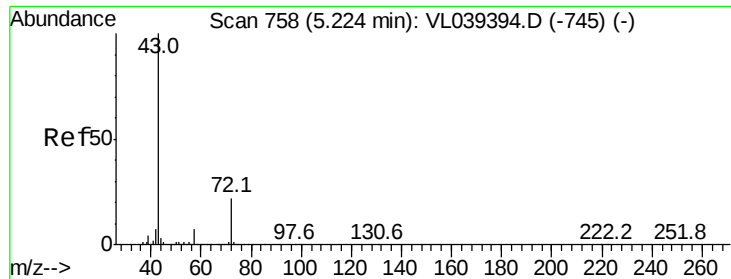


Abundance Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

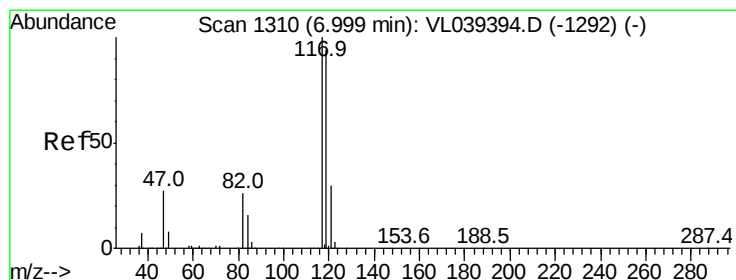
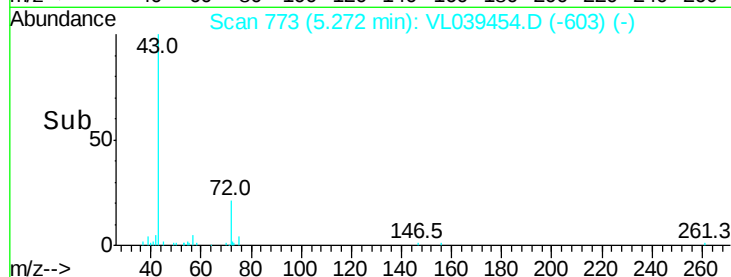
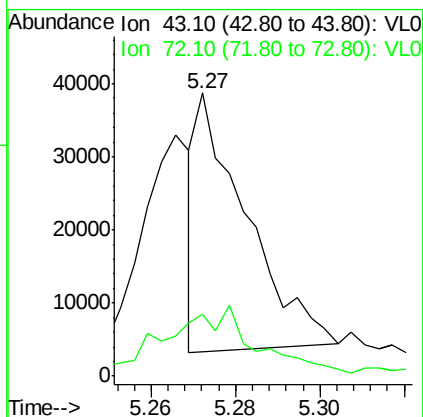
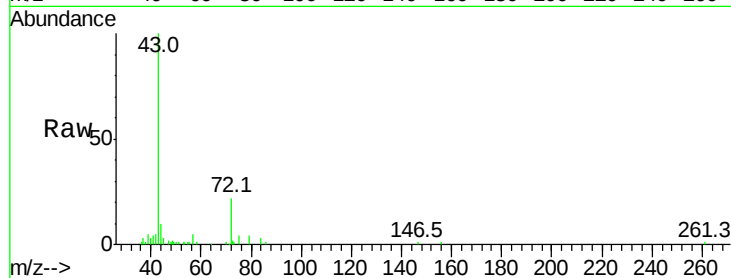
Ion 88.10 (87.80 to 88.80): VL0





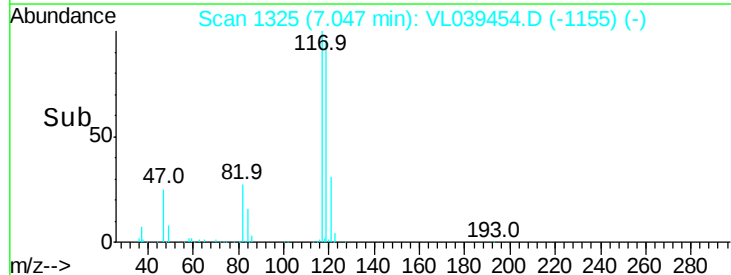
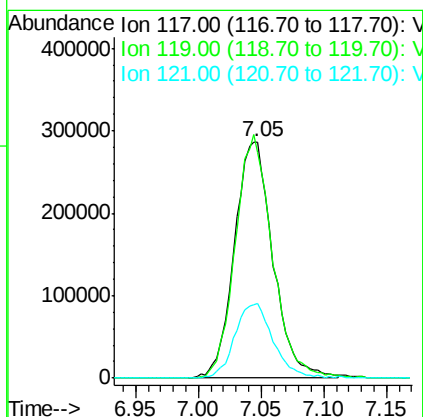
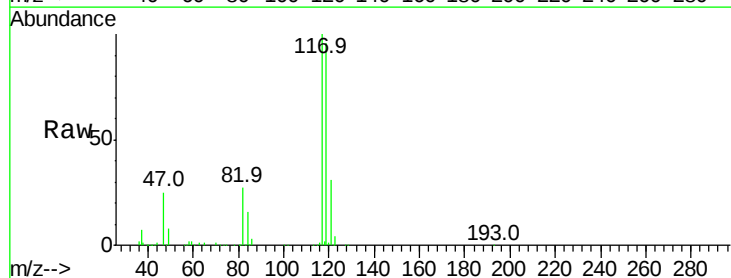
#34
2-Butanone
Concen: 0.14 ppbv
RT: 5.27
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 12 Jul 2022 18:48

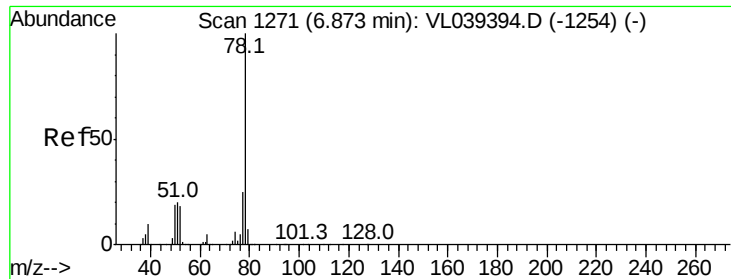
Tgt Ion: 43 Resp: 28873
Ion Ratio Lower Upper
43 100
72 56.7 17.9 26.9#



#35
Carbon Tetrachloride
Concen: 2.36 ppbv
RT: 7.05 min Scan# 1325
Delta R.T. 0.05 min
Lab File: VL039454.D
Acq: 12 Jul 2022 18:46

Tgt Ion: 117 Resp: 613774
Ion Ratio Lower Upper
117 100
119 95.7 75.4 113.2
121 31.4 24.2 36.2





#36

Benzene

Concen: 0.04 ppbv

RT: 6.91 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: SG-4

Acq: 12 Jul 2022 18:48

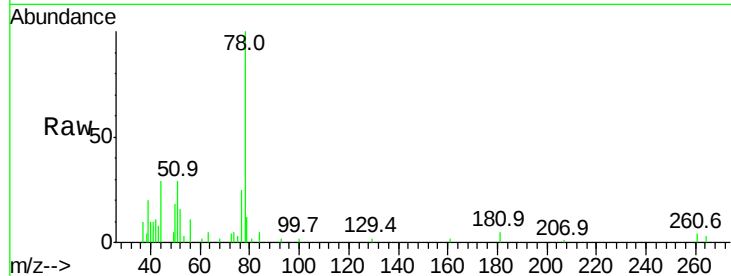
Tgt Ion: 78 Resp: 14207

Ion Ratio Lower Upper

78 100

77 25.1 20.3 30.5

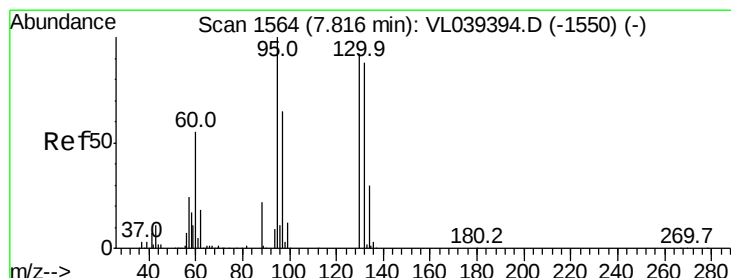
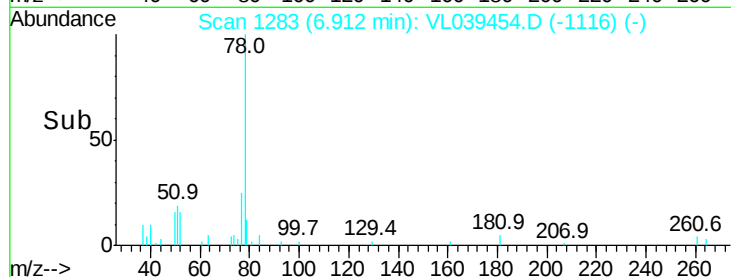
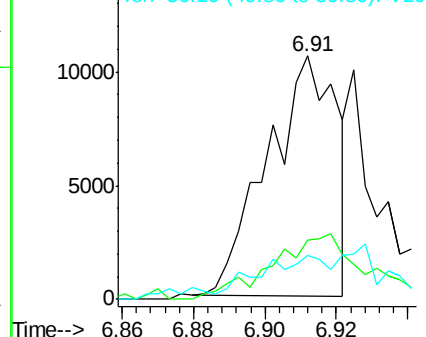
50 13.8 15.5 23.3#



Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0



#38

Trichloroethene

Concen: 1.67 ppbv

RT: 7.86 min Scan# 1577

Delta R.T. 0.04 min

Lab File: VL039454.D

Acq: 12 Jul 2022 18:46

Tgt Ion: 130 Resp: 294764

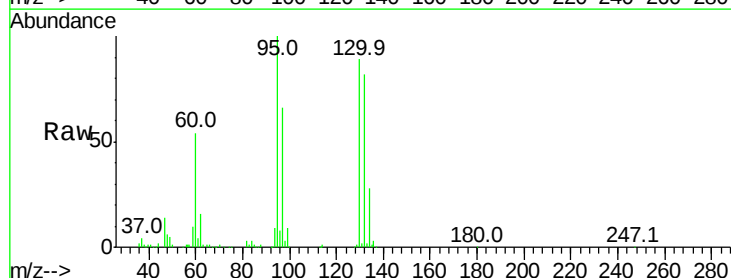
Ion Ratio Lower Upper

130 100

95 112.5 87.3 130.9

132 92.2 76.7 115.1

97 74.2 56.5 84.7

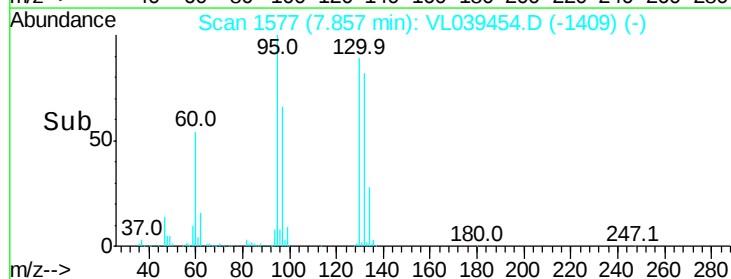
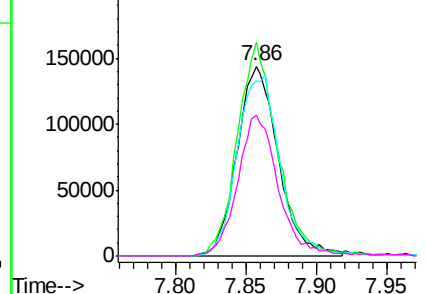


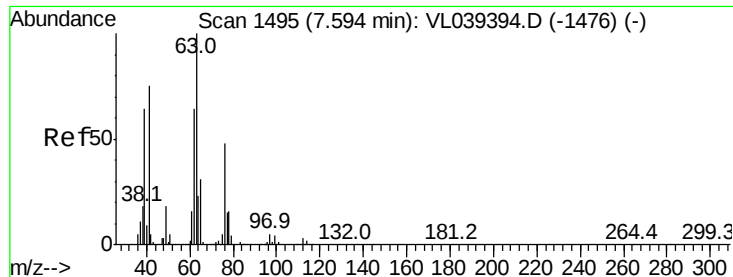
Abundance Ion 130.00 (129.70 to 130.70): V

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: 8.55 ppbv

RT: 7.20 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 12 Jul 2022 18:46 SG-4

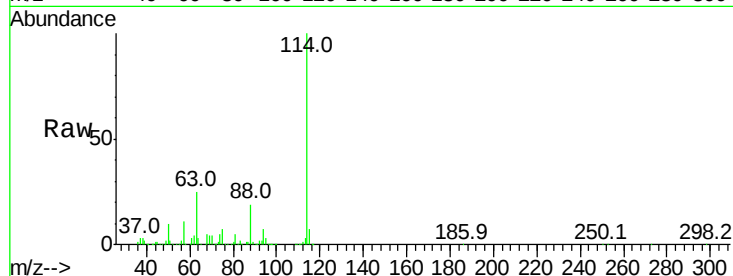
Tgt Ion: 63 Resp: 1041685

Ion Ratio Lower Upper

63 100

41 0.0 59.6 89.4#

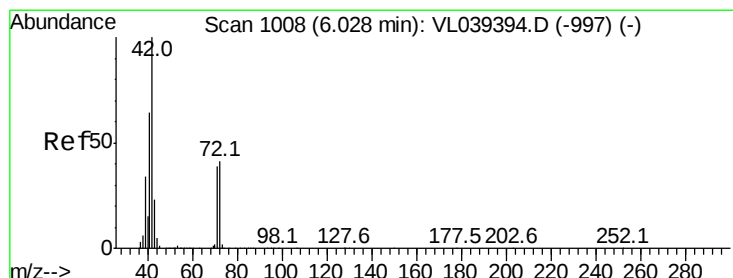
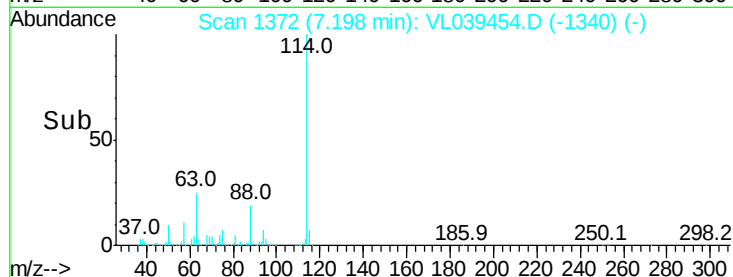
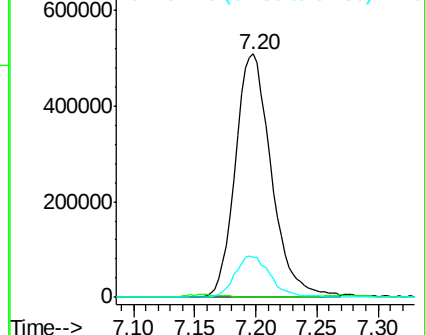
62 16.4 51.4 77.0#



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: 11.25 ppbv

RT: 5.71 min Scan# 909

Delta R.T. -0.32 min

Lab File: VL039454.D

Acq: 12 Jul 2022 18:46

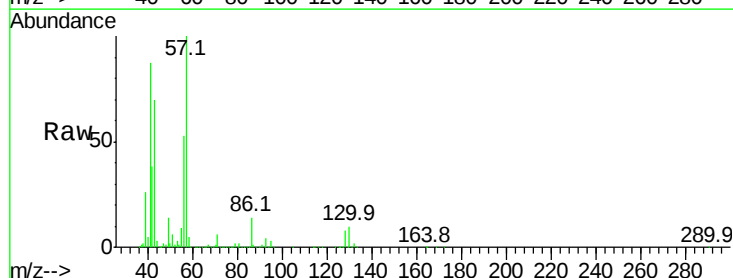
Tgt Ion: 42 Resp: 1382005

Ion Ratio Lower Upper

42 100

72 0.9 31.8 47.8#

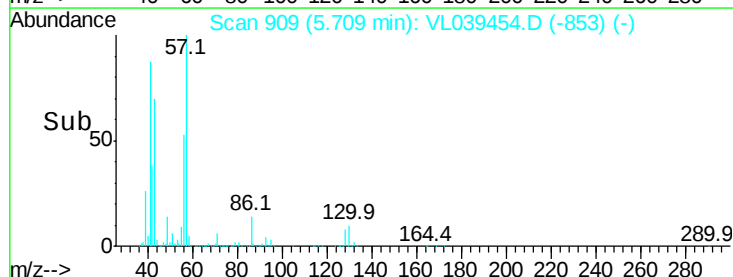
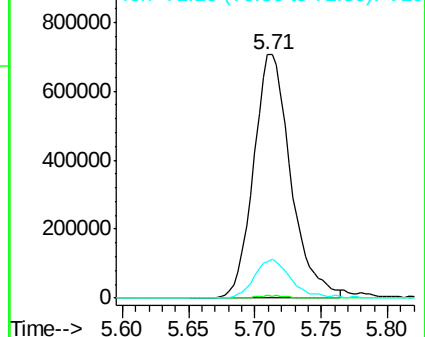
71 16.1 31.8 47.8#

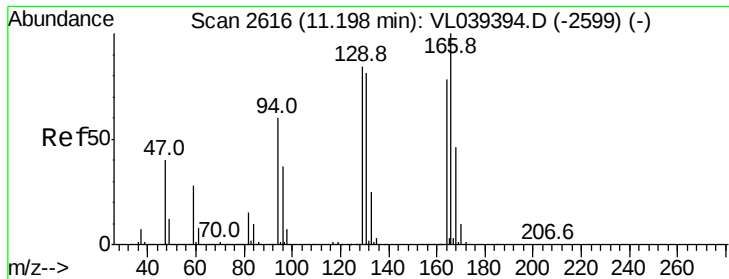


Abundance Ion 42.10 (41.80 to 42.80): VL0

Ion 72.10 (71.80 to 72.80): VL0

Ion 71.10 (70.80 to 71.80): VL0





#52

Tetrachloroethene

Concen: 16.52 ppbv

RT: 11.25

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 12 Jul 2022 18:48

Tgt Ion: 164 Resp: 2167414

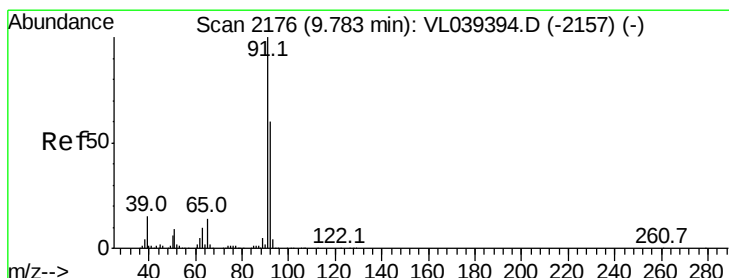
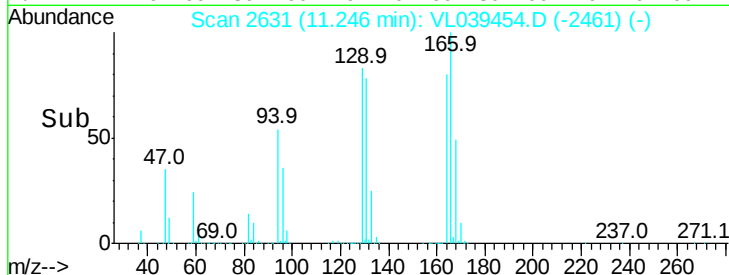
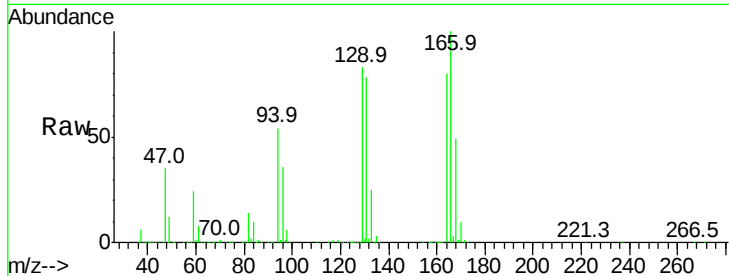
Ion Ratio Lower Upper

164 100

166 125.4 102.2 153.2

129 104.2 85.8 128.8

131 98.1 83.3 124.9



#53

Toluene

Concen: 0.37 ppbv

RT: 9.82 min Scan# 2189

Delta R.T. 0.04 min

Lab File: VL039454.D

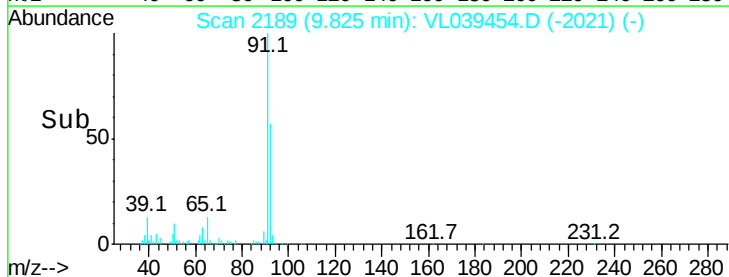
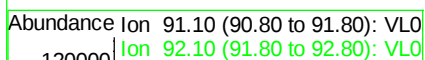
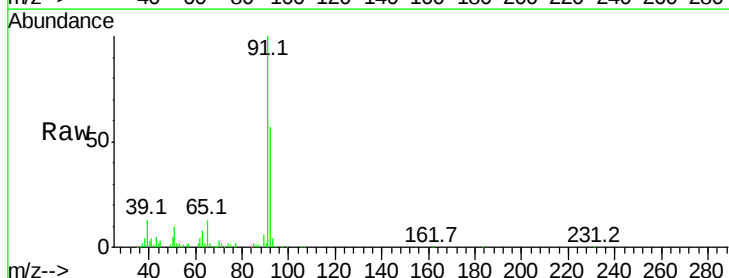
Acq: 12 Jul 2022 18:46

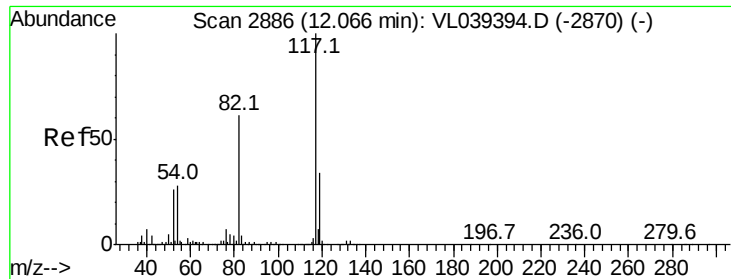
Tgt Ion: 91 Resp: 139665

Ion Ratio Lower Upper

91 100

92 97.0 48.2 72.2#





#55

Chlorobenzene-d5

Concen: 10.00 ppbv

RT: 12.11

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 12 Jul 2022 18:48

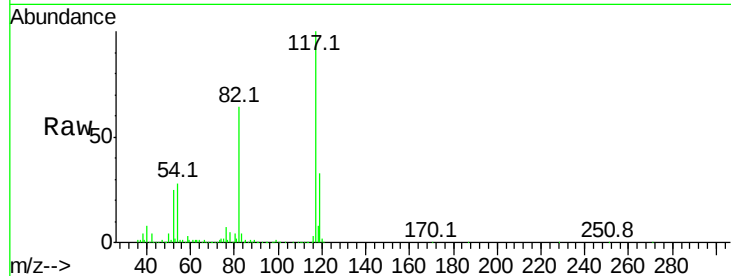
Tgt Ion: 117 Resp: 3901793

Ion Ratio Lower Upper

117 100

82 64.3 50.8 76.2

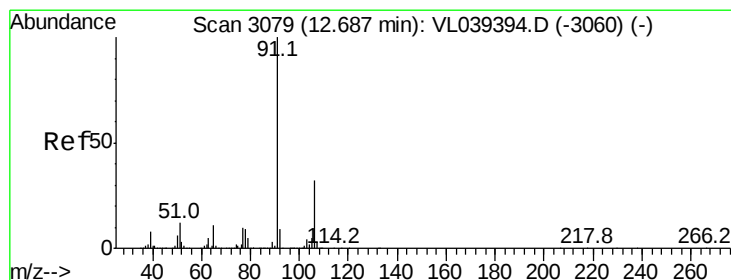
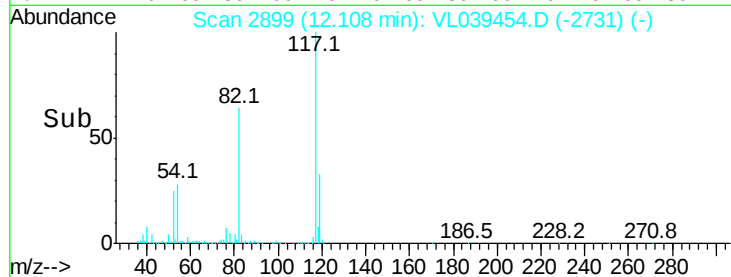
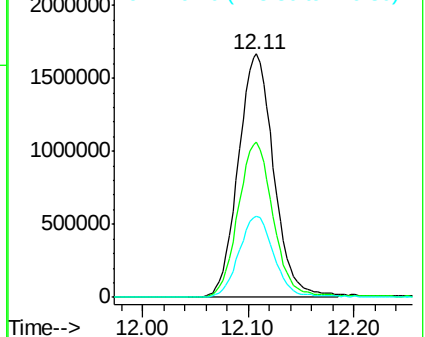
119 33.4 24.1 36.1



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: 0.49 ppbv

RT: 12.73 min Scan# 3093

Delta R.T. 0.04 min

Lab File: VL039454.D

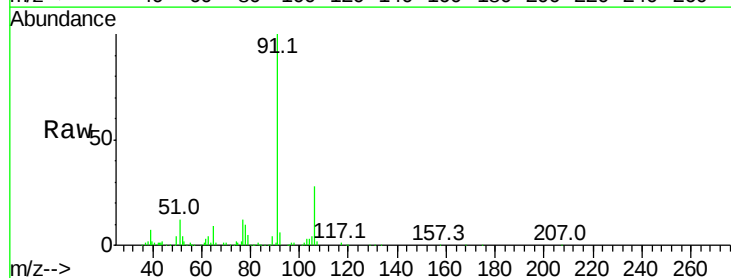
Acq: 12 Jul 2022 18:46

Tgt Ion: 91 Resp: 246500

Ion Ratio Lower Upper

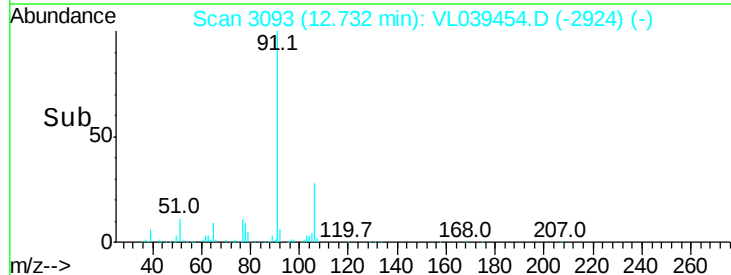
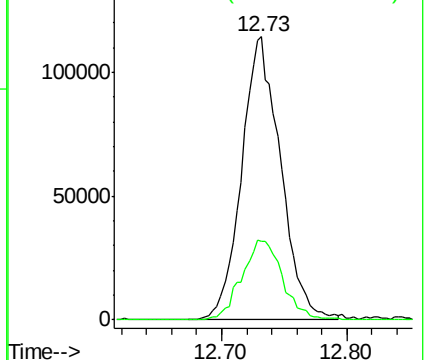
91 100

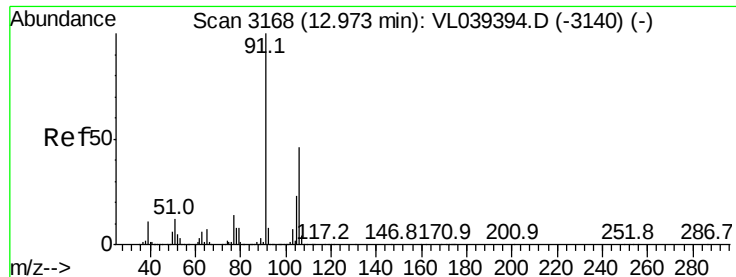
106 27.9 25.4 38.0



Abundance Ion 91.10 (90.80 to 91.80): VL0

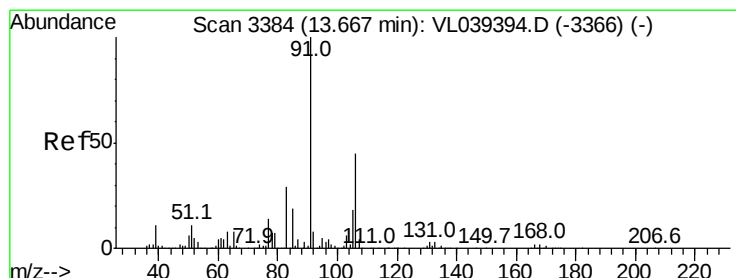
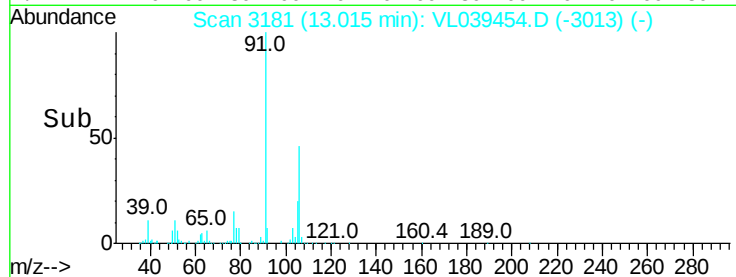
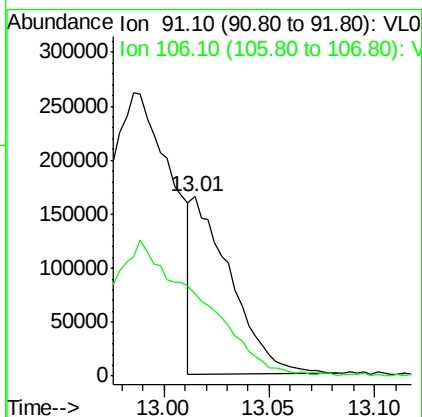
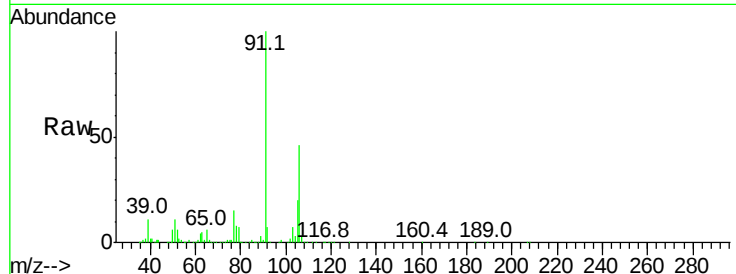
Ion 106.10 (105.80 to 106.80): V





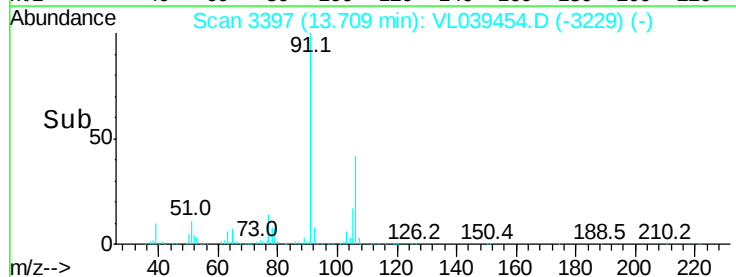
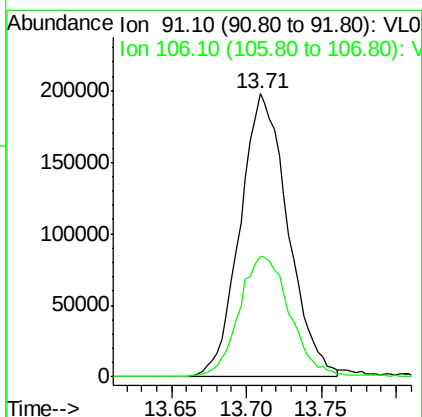
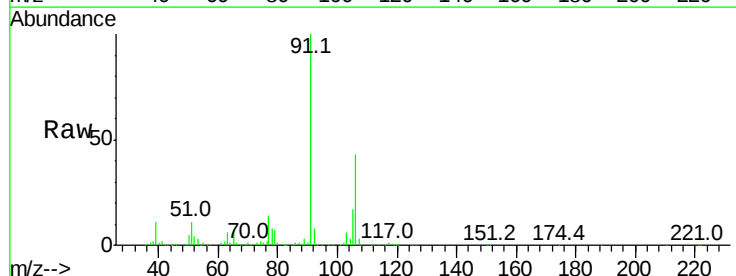
#59
m/p-Xylene
Concen: 0.47 ppbv
RT: 13.01 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 12 Jul 2022 18:48

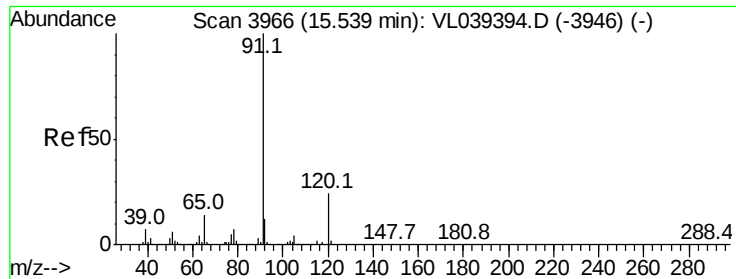
Tgt Ion: 91 Resp: 210761
Ion Ratio Lower Upper
91 100
106 0.0 35.4 53.2#



#60
o-Xylene
Concen: 1.04 ppbv
RT: 13.71 min Scan# 3397
Delta R.T. 0.04 min
Lab File: VL039454.D
Acq: 12 Jul 2022 18:46

Tgt Ion: 91 Resp: 436268
Ion Ratio Lower Upper
91 100
106 45.9 22.4 67.3





#64

n-propylbenzene

Concen: 0.25 ppbv

RT: 15.58

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

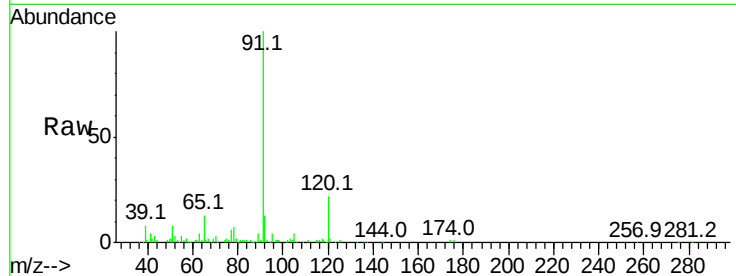
Acq: 12 Jul 2022 18:48

Tgt Ion:120 Resp: 40242

Ion Ratio Lower Upper

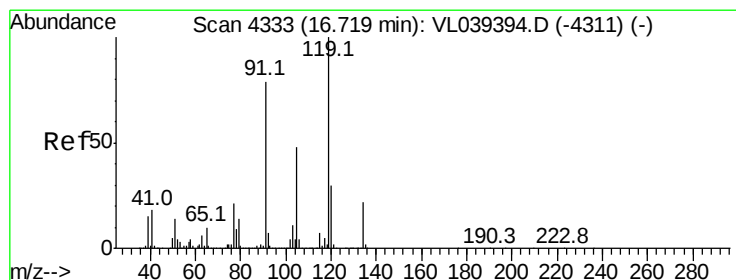
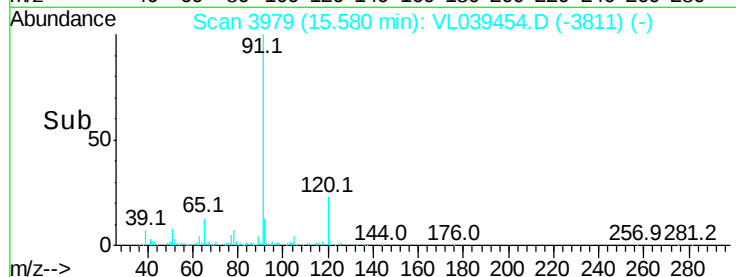
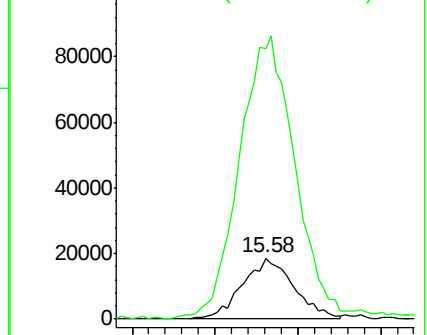
120 100

91 501.4 367.2 550.8



Abundance Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0



#65

tert-Butylbenzene

Concen: 0.18 ppbv

RT: 16.78 min Scan# 4352

Delta R.T. 0.06 min

Lab File: VL039454.D

Acq: 12 Jul 2022 18:46

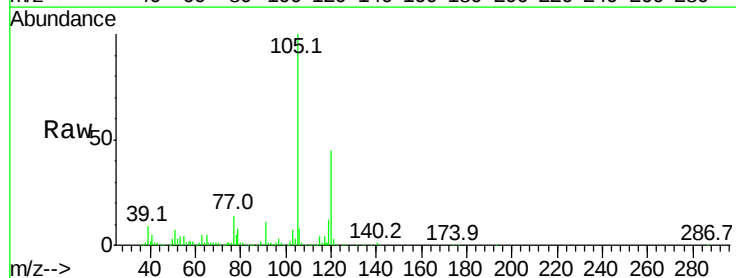
Tgt Ion:119 Resp: 108435

Ion Ratio Lower Upper

119 100

91 98.8 63.4 95.2#

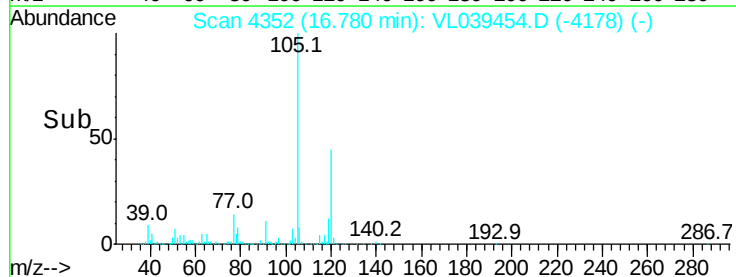
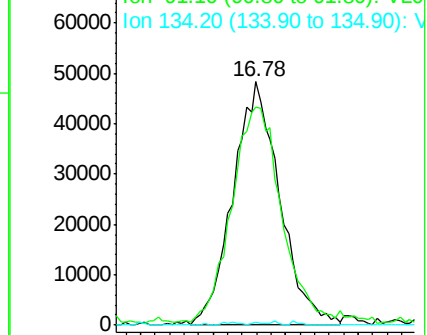
134 0.8 15.9 23.9#

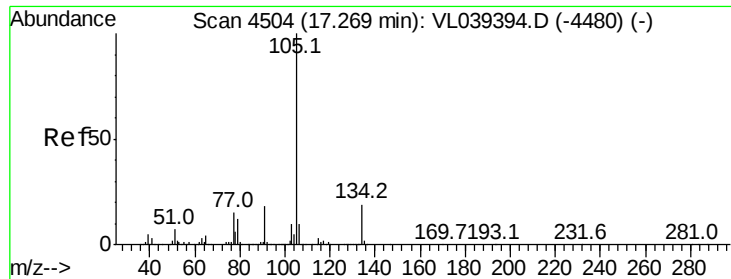


Abundance Ion 119.20 (118.90 to 119.90): V

Ion 91.10 (90.80 to 91.80): VL0

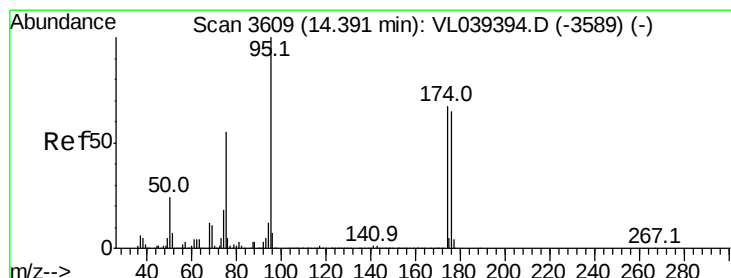
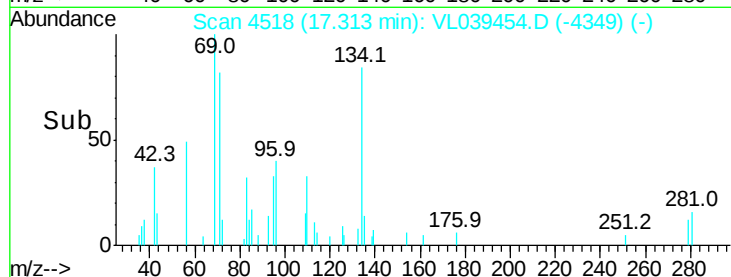
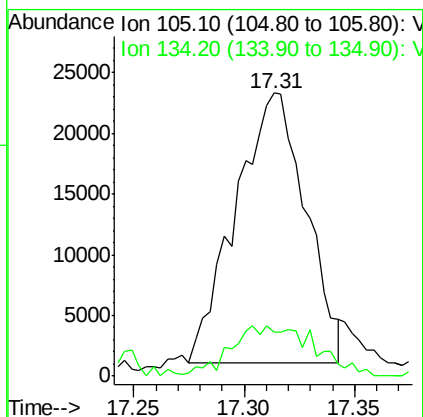
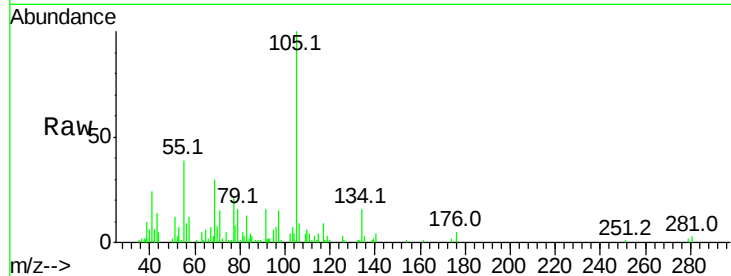
Ion 134.20 (133.90 to 134.90): V





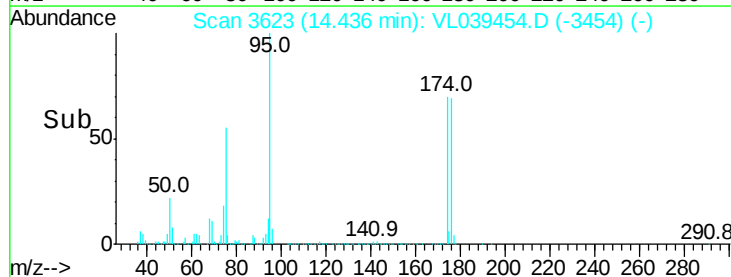
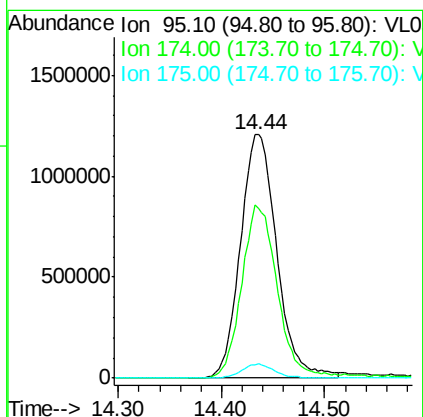
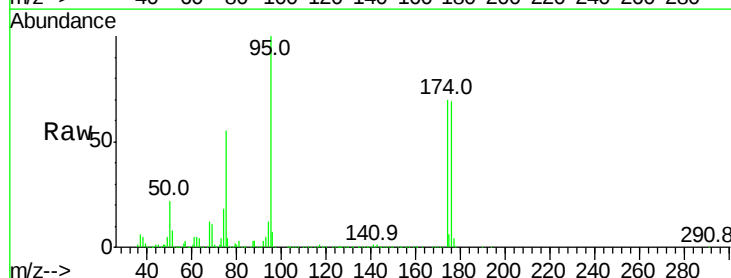
#67
 sec-Butylbenzene
 Concen: 0.06 ppbv
 RT: 17.31
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 12 Jul 2022 18:48

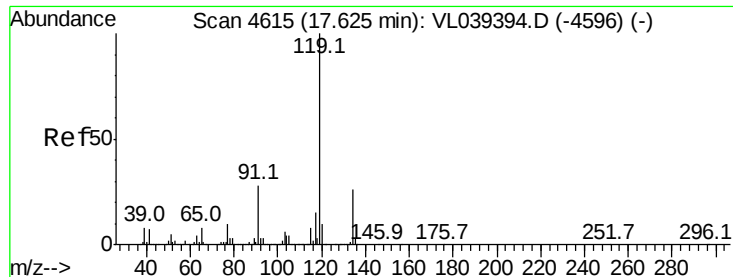
Tgt Ion: 105 Resp: 48989
 Ion Ratio Lower Upper
 105 100
 134 22.8 14.8 22.2#



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.23 ppbv
 RT: 14.44 min Scan# 3623
 Delta R.T. 0.04 min
 Lab File: VL039454.D
 Acq: 12 Jul 2022 18:46

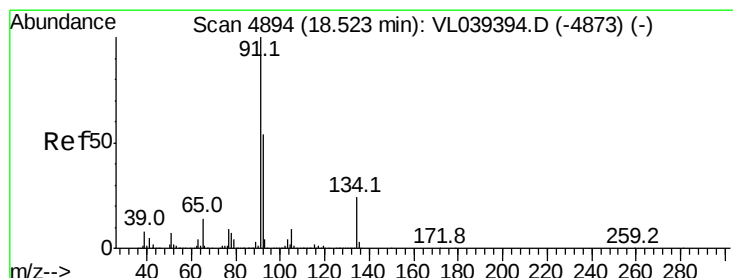
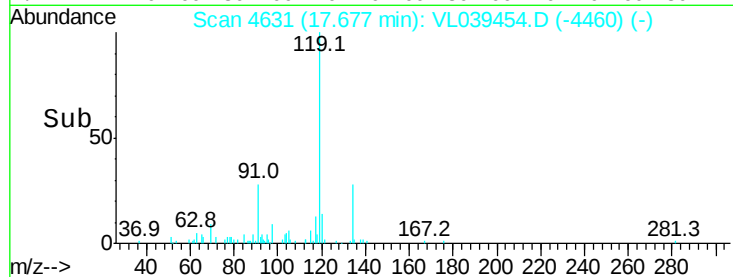
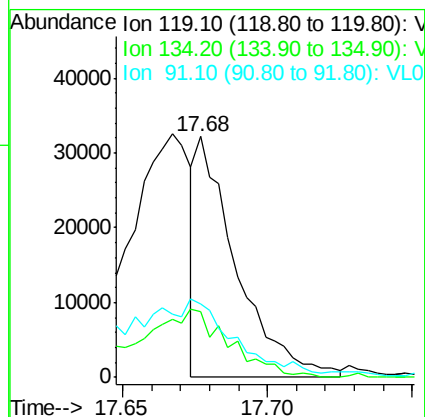
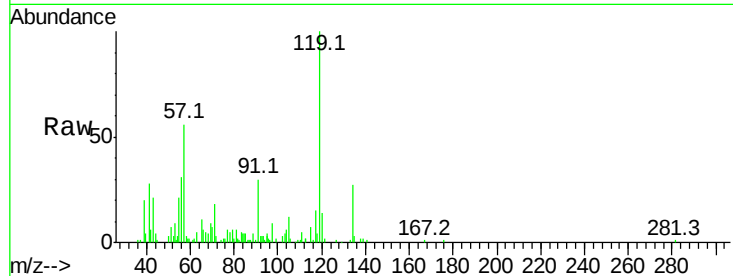
Tgt Ion: 95 Resp: 2960508
 Ion Ratio Lower Upper
 95 100
 174 71.0 55.9 83.9
 175 5.5 4.2 6.4





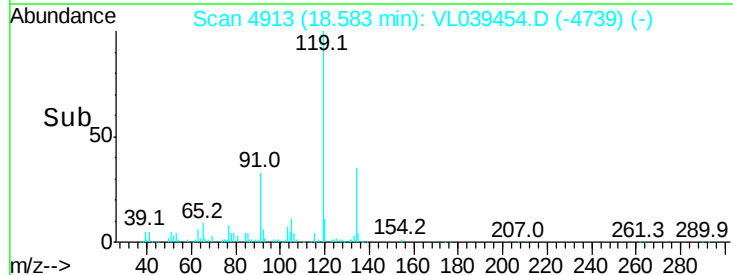
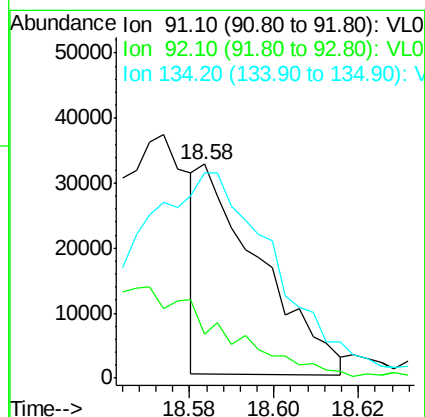
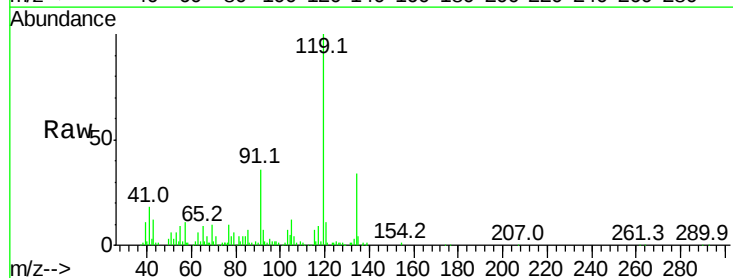
#69
 p-Isopropyltoluene
 Concen: 0.05 ppbv
 RT: 17.68 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 12 Jul 2022 18:46

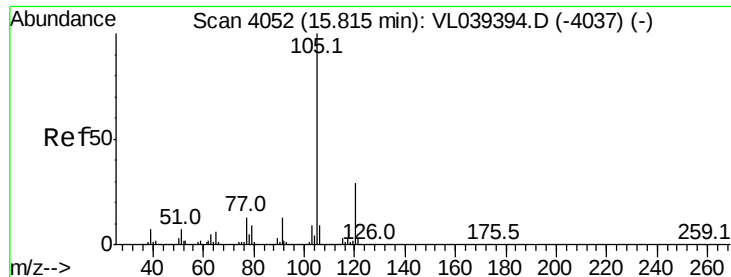
Tgt Ion	Ratio	Lower	Upper
119	100		
134	66.8	20.3	30.5#
91	58.9	22.9	34.3#



#70
 n-Butylbenzene
 Concen: 0.05 ppbv
 RT: 18.58 min Scan# 4913
 Delta R.T. 0.06 min
 Lab File: VL039454.D
 Acq: 12 Jul 2022 18:46

Tgt Ion	Ratio	Lower	Upper
91	100		
92	0.0	43.4	65.2#
134	300.0	18.9	28.3#





#72

4-Ethyltoluene

Concen: 0.50 ppbv

RT: 15.86

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 12 Jul 2022 18:48

Tgt Ion:105 Resp: 245316

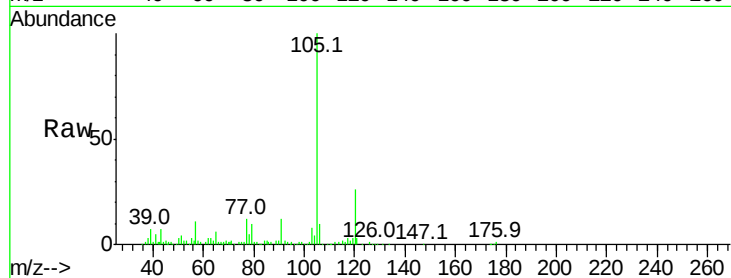
Ion Ratio Lower Upper

105 100

120 32.1 24.2 36.2

91 12.8 10.2 15.4

77 13.9 11.1 16.7

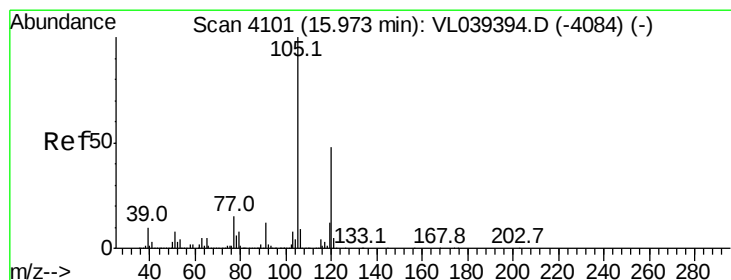
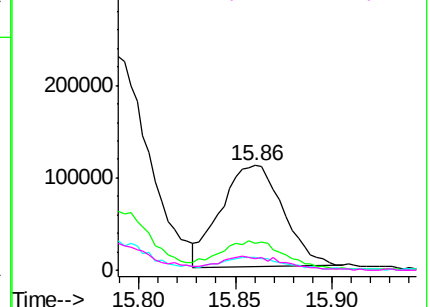
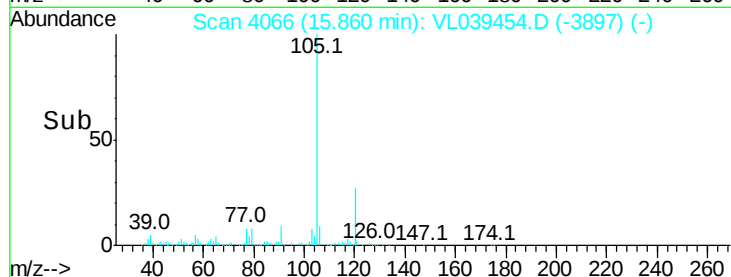


Abundance Ion 105.10 (104.80 to 105.80): V

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: 0.74 ppbv

RT: 16.01 min Scan# 4114

Delta R.T. 0.04 min

Lab File: VL039454.D

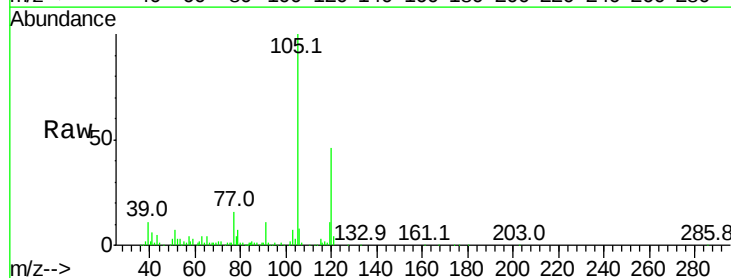
Acq: 12 Jul 2022 18:46

Tgt Ion:105 Resp: 334601

Ion Ratio Lower Upper

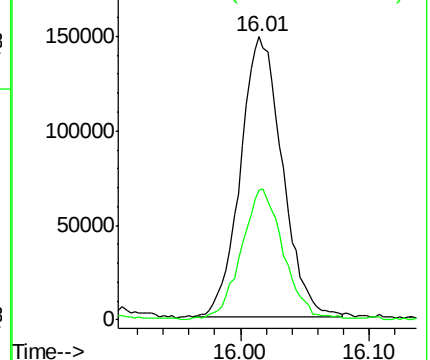
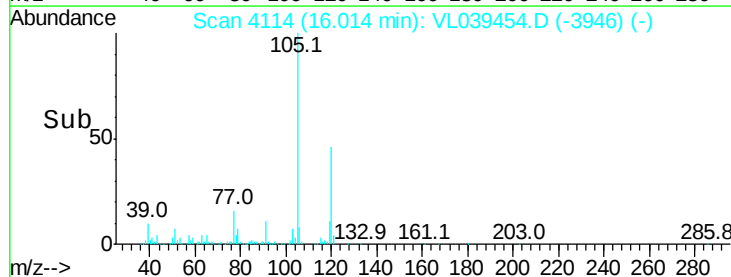
105 100

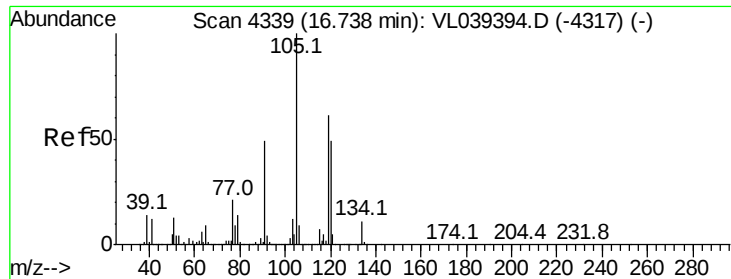
120 45.9 38.2 57.4



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: 1.83 ppbv
 RT: 16.78
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 Acq: 12 Jul 2022 16.48

Tgt Ion:	105	Resp:	919598
Ion Ratio	Lower	Upper	
105	100		
120	44.6	39.5	59.3
91	10.7	39.2	58.8#
77	13.9	17.2	25.8#

