

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL060722\
 Data File : VL039216.D
 Acq On : 7 Jun 2022 19:35
 Operator : SY/AP
 Sample : N3187-02
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 08 05:00:34 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL053122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 01 01:22:18 2022
 QLast Update : Wed Jun 01 01:22:18 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	915723	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2092221	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	1795550	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	1519424	10.24	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.05	85	50042	0.311	ppbv	91
3) Chlorodifluoromethane	2.99	51	1530422	13.135	ppbv	99
4) Chloromethane	3.14	50	33593	0.561	ppbv #	88
9) Propene	3.21	41	782390	15.400	ppbv	98
10) Heptane	8.12	43	36525	0.308	ppbv #	83
11) Trichlorofluoromethane	3.95	101	45857	0.315	ppbv	87
12) 1,1,2-Trichlorotrifluoroet	4.49	101	3215	0.033	ppbv #	12
13) Ethanol	3.61	45	13427361	4846.245	ppbv #	100
15) Acetone	3.85	43	916791	9.611	ppbv #	79
16) 1,3-Butadiene	3.36	39	264432	5.157	ppbv #	15
19) Isopropyl Alcohol	3.98	45	2023654	45.231	ppbv #	98
20) Methylene Chloride	4.35	84	889027	22.116	ppbv	94
21) Allyl Chloride	4.37	41	13012	0.202	ppbv #	1
23) Vinyl Acetate	5.06	43	100890	1.278	ppbv #	10
25) Ethyl Acetate	5.69	43	900993	4.191	ppbv #	85
26) Hexane	5.69	57	940073	9.950	ppbv #	49
30) Cyclohexane	7.13	84	5193	0.065	ppbv #	1
34) 2-Butanone	5.25	43	51224	0.451	ppbv #	51
35) Carbon Tetrachloride	7.02	117	5180	0.034	ppbv	91
36) Benzene	6.89	78	185111	1.090	ppbv	97
39) 1,2-Dichloropropane	7.18	63	577382	8.546	ppbv #	26
41) Tetrahydrofuran	6.02	42	6800	0.099	ppbv #	59
43) Methyl Methacrylate	8.01	69	8991	0.136	ppbv #	18
44) 2,2,4-Trimethylpentane	7.86	57	122192	0.411	ppbv #	35
50) 4-Methyl-2-Pentanone	8.74	43	7843	0.046	ppbv #	39
52) Tetrachloroethene	11.22	164	4247	0.064	ppbv #	73
53) Toluene	9.80	91	469797	2.402	ppbv	99
58) Ethyl Benzene	12.71	91	46806	0.189	ppbv	94
59) m/p-Xylene	13.00	91	53063	0.244	ppbv #	33
60) o-Xylene	13.69	91	94557	0.462	ppbv	98
61) Styrene	13.53	104	8020	0.073	ppbv #	1
69) p-Isopropyltoluene	17.64	119	19311	0.060	ppbv #	30
72) 4-Ethyltoluene	15.83	105	8001	0.033	ppbv #	20
73) 1,3,5-Trimethylbenzene	15.99	105	9421	0.044	ppbv	99
74) 1,2,4-Trimethylbenzene	16.75	105	30238	0.125	ppbv #	62

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

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Acq On : 7 Jun 2022 19:35
Operator : SY/AP
Sample : N3187-02
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

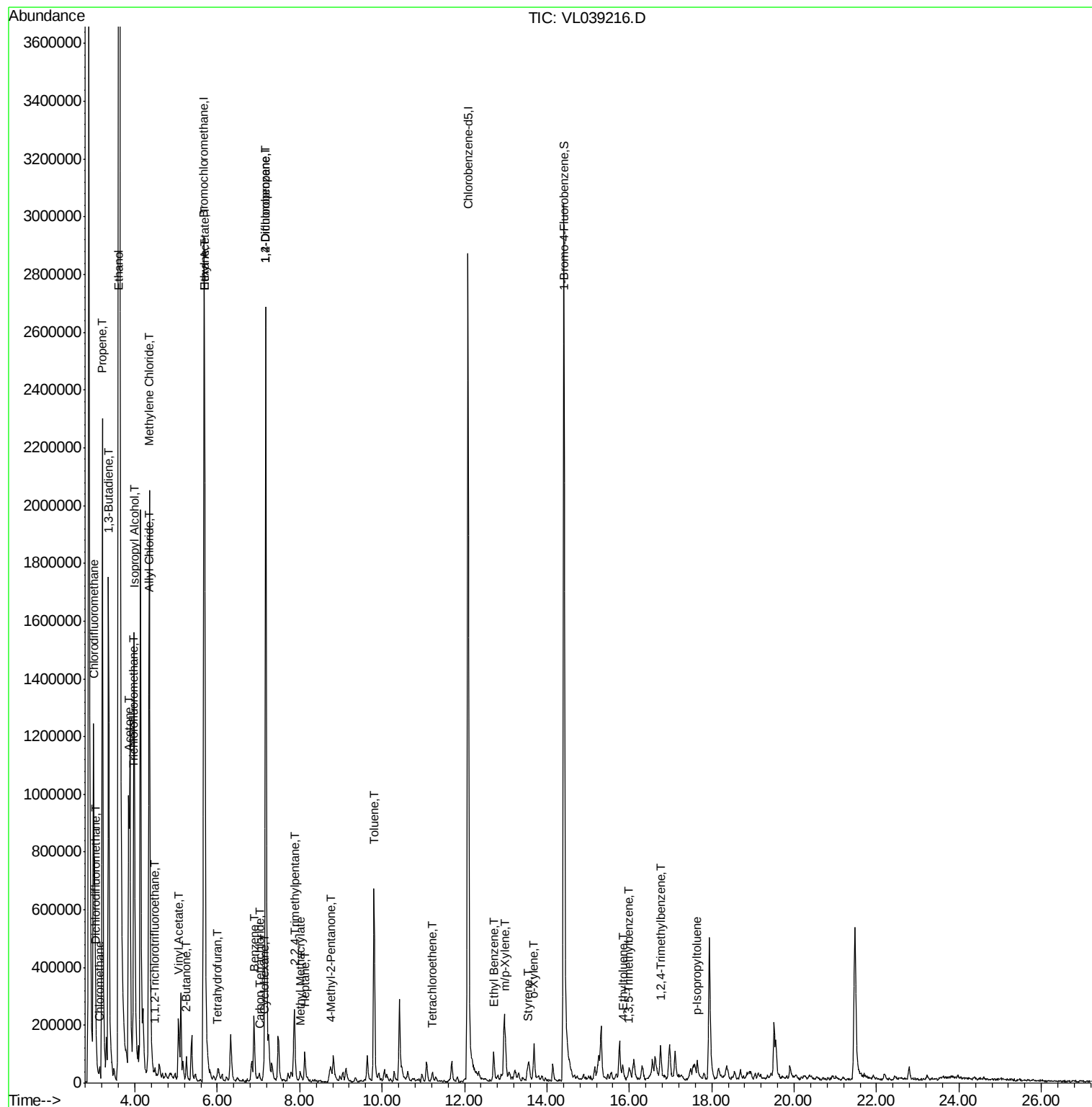
Quant Time: Jun 08 05:00:34 2022

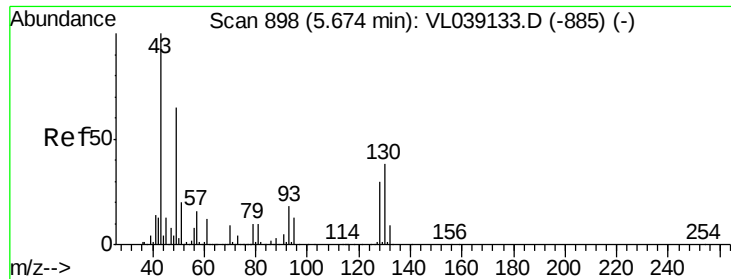
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL053122AIR.M

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: 10.000 ppbv

RT: 5.67 min Scan# 896

Delta R.T. -0.01 min

Lab File: VL039216.D

Acq: 7 Jun 2022 19:35

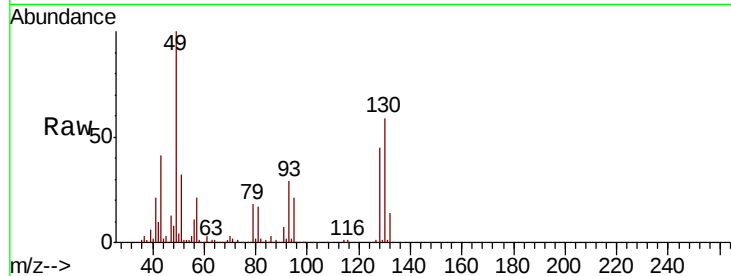
Tot Ion: 49 Resp: 915723

Ion Ratio Lower Upper

49 100

128 46.5 24.7 74.1

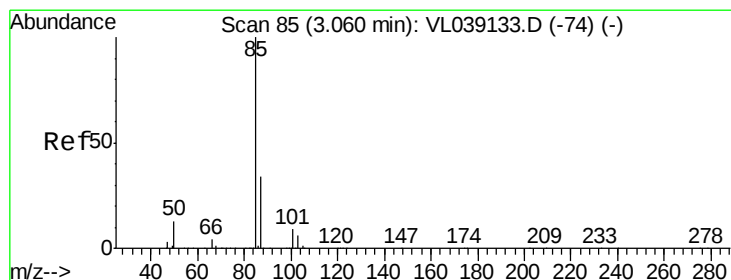
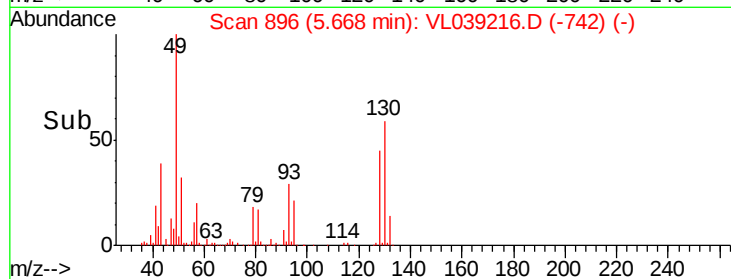
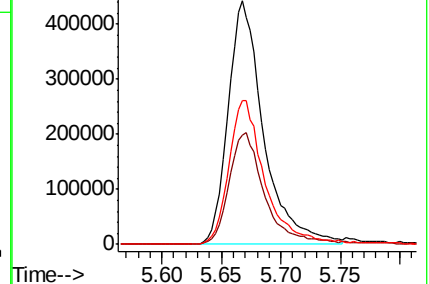
130 60.7 31.4 94.0



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: 0.311 ppbv

RT: 3.05 min Scan# 83

Delta R.T. -0.01 min

Lab File: VL039216.D

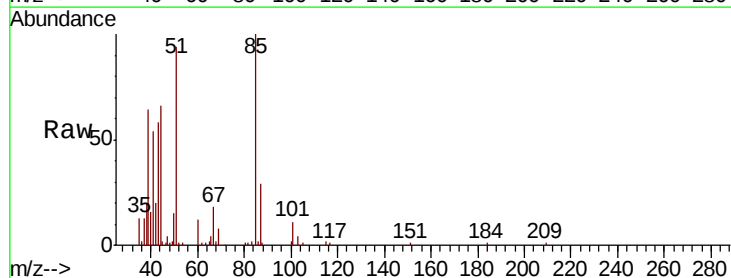
Acq: 7 Jun 2022 19:35

Tgt Ion: 85 Resp: 50042

Ion Ratio Lower Upper

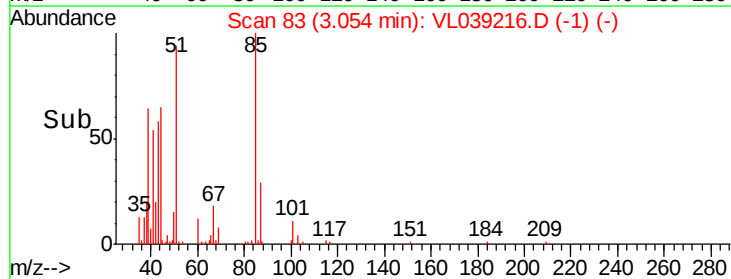
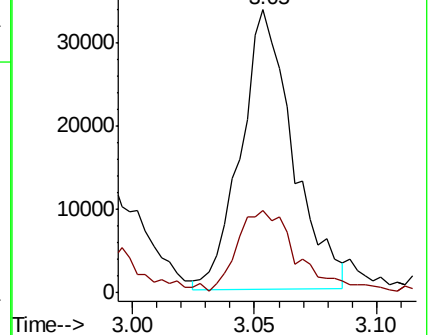
85 100

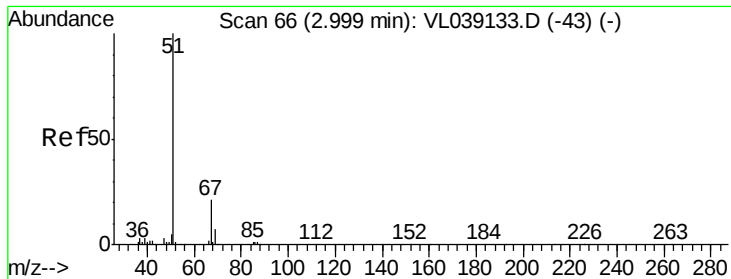
87 28.5 26.9 40.3



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 13.135 ppbv

RT: 2.99 min Scan# 64

Delta R.T. -0.01 min

Lab File: VL039216.D

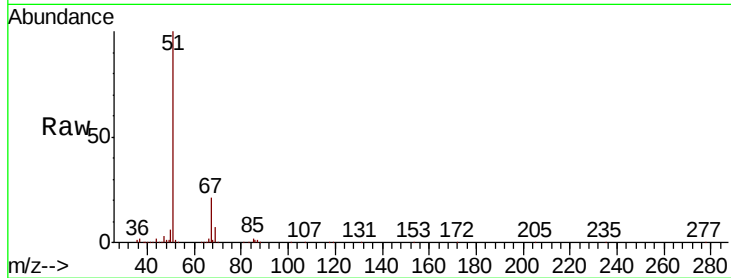
Acq: 7 Jun 2022 19:35

Tot Ion: 51 Resp: 1530422

Ion Ratio Lower Upper

51 100

67 19.8 16.2 24.4



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0

2.99

800000

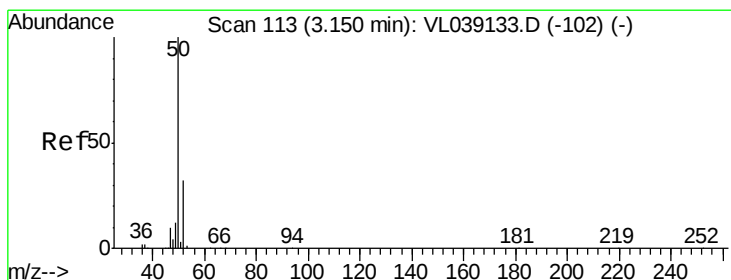
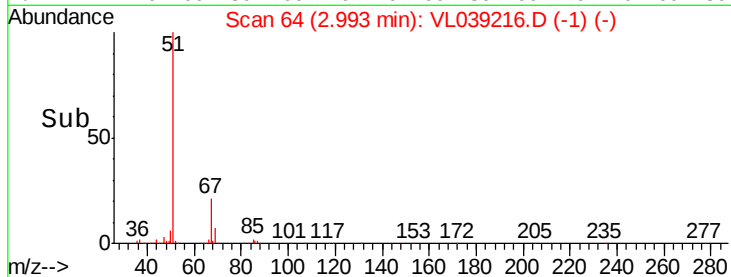
600000

400000

200000

0

Time-->



#4

Chloromethane

Concen: 0.561 ppbv

RT: 3.14 min Scan# 111

Delta R.T. -0.01 min

Lab File: VL039216.D

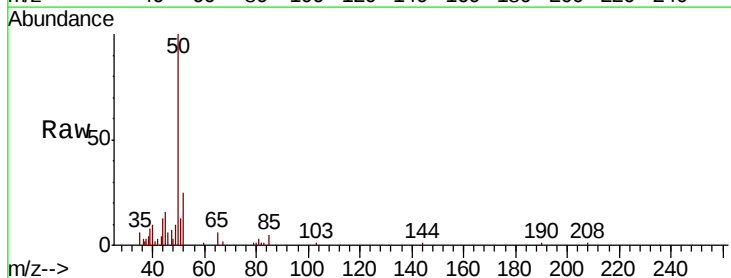
Acq: 7 Jun 2022 19:35

Tgt Ion: 50 Resp: 33593

Ion Ratio Lower Upper

50 100

52 25.6 25.9 38.9#



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0

3.14

25000

20000

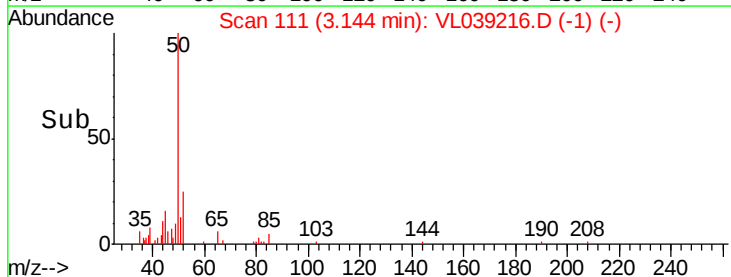
15000

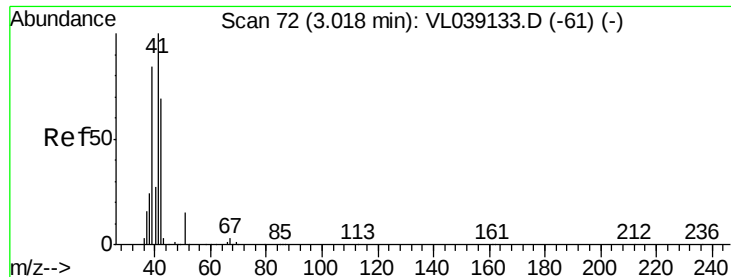
10000

5000

0

Time-->





#9

Propene

Concen: 15.400 ppbv

RT: 3.21 min Scan# 132

Delta R.T. 0.19 min

Lab File: VL039216.D

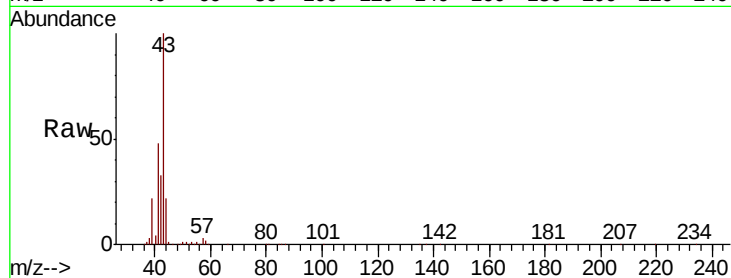
Acq: 7 Jun 2022 19:35

Tot Ion: 41 Resp: 782390

Ion Ratio Lower Upper

41 100

42 71.1 55.4 83.2



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

3.21

400000

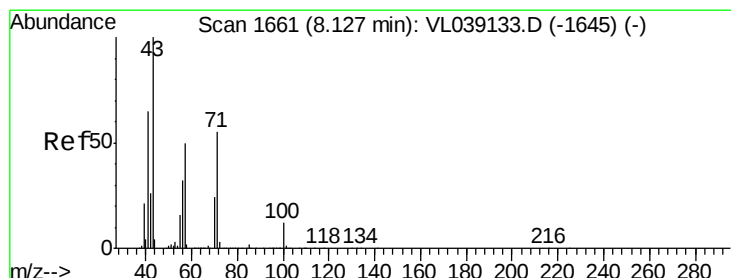
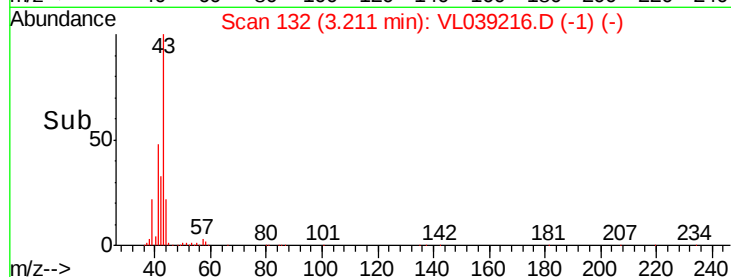
300000

200000

100000

0

Time-->



#10

Heptane

Concen: 0.308 ppbv

RT: 8.12 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VL039216.D

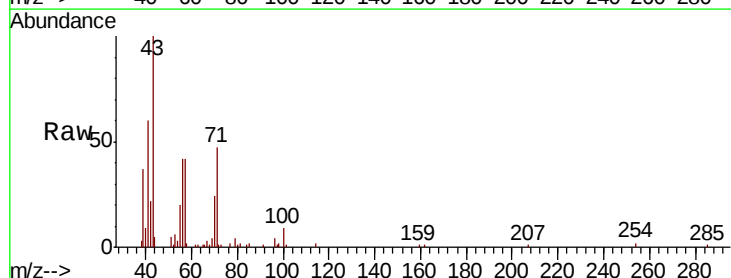
Acq: 7 Jun 2022 19:35

Tgt Ion: 43 Resp: 36525

Ion Ratio Lower Upper

43 100

57 63.7 41.4 62.2#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 57.10 (56.80 to 57.80): VL0

8.12

25000

20000

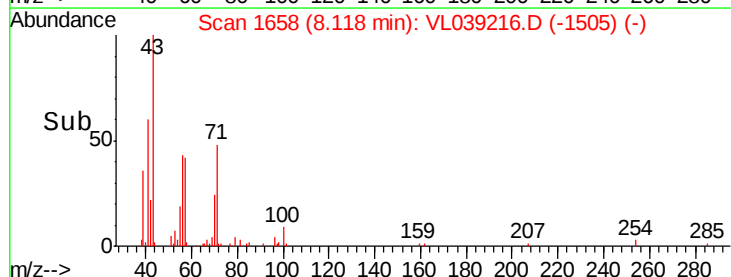
15000

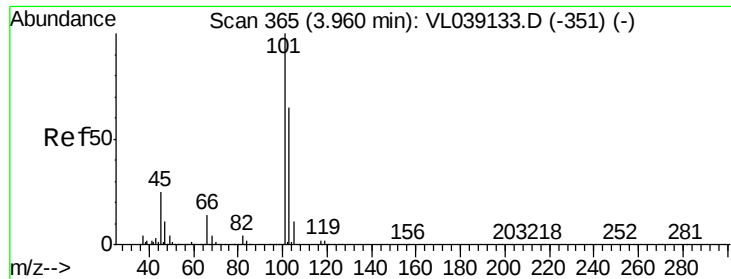
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5000

0

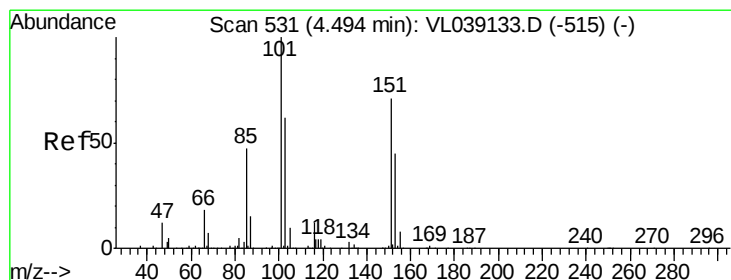
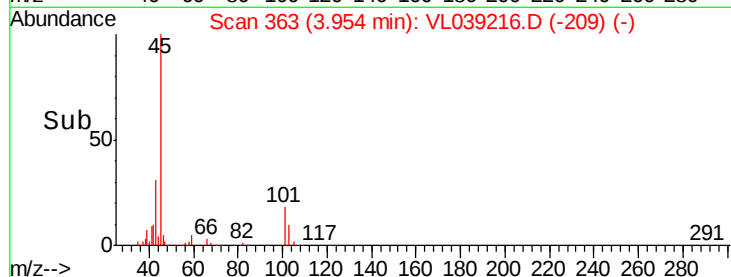
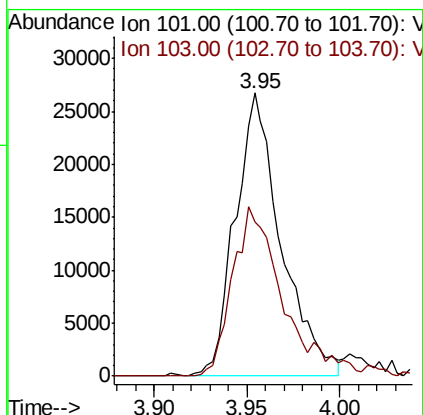
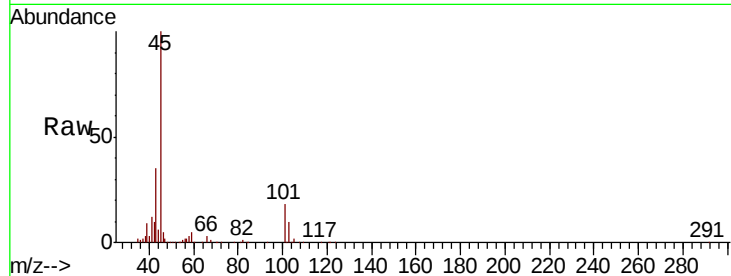
Time-->





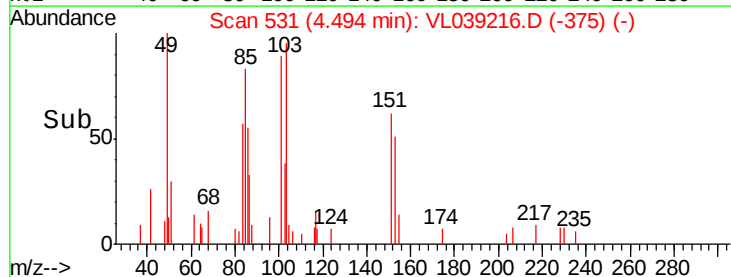
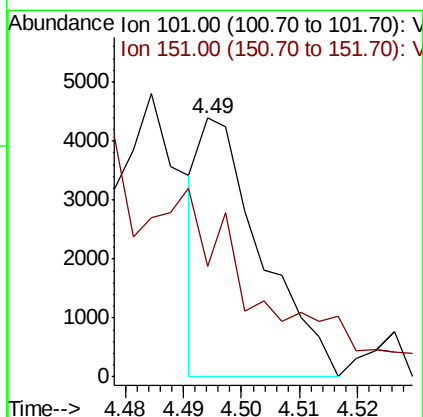
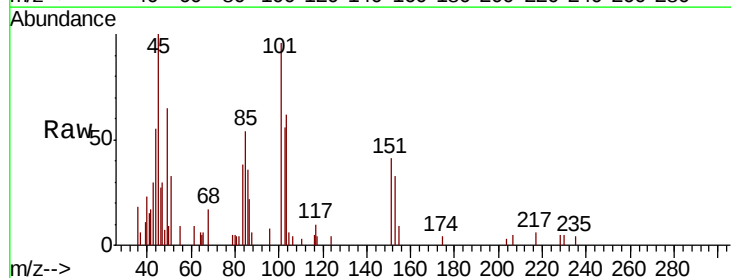
#11
 Trichlorofluoromethane
 Concen: 0.315 ppbv
 RT: 3.95 min Scan# 363
 Delta R.T. -0.01 min
 Lab File: VL039216.D
 Acq: 7 Jun 2022 19:35

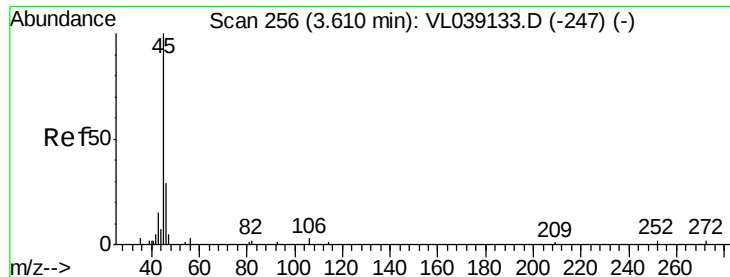
Tot Ion:101 Resp: 45857
 Ion Ratio Lower Upper
 101 100
 103 54.6 51.7 77.5



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.033 ppbv
 RT: 4.49 min Scan# 531
 Delta R.T. 0.00 min
 Lab File: VL039216.D
 Acq: 7 Jun 2022 19:35

Tgt Ion:101 Resp: 3215
 Ion Ratio Lower Upper
 101 100
 151 0.0 59.4 89.0#





#13

Ethanol

Concen: 4846.245 ppbv

RT: 3.61 min Scan# 257

Delta R.T. 0.00 min

Lab File: VL039216.D

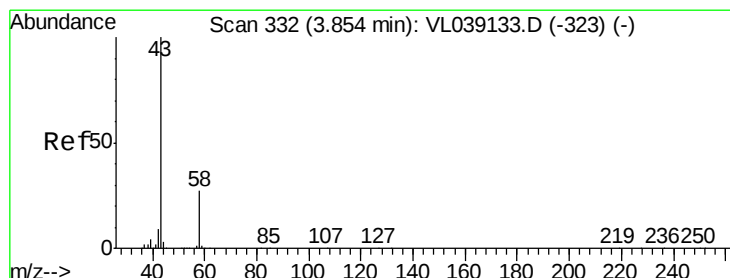
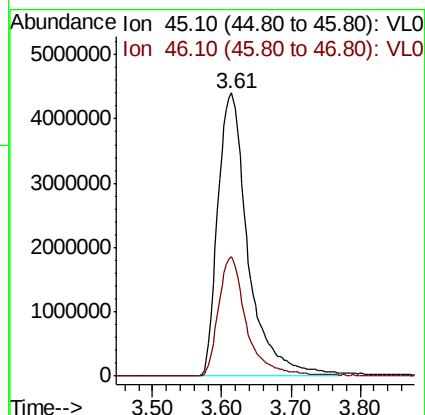
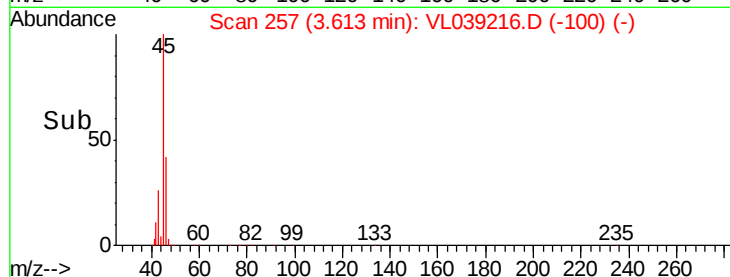
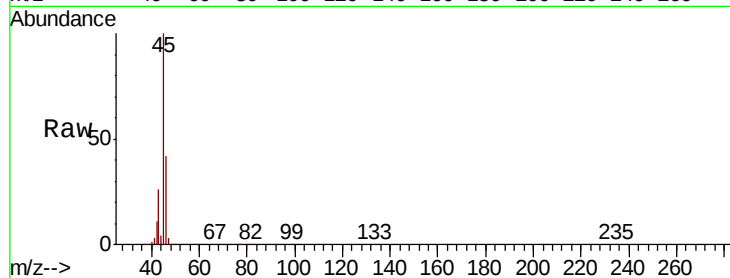
Acq: 7 Jun 2022 19:35

Tot Ion: 45 Resp: 13427361

Ion Ratio Lower Upper

45 100

46 39.6 0.0 0.0#



#15

Acetone

Concen: 9.611 ppbv

RT: 3.85 min Scan# 330

Delta R.T. -0.01 min

Lab File: VL039216.D

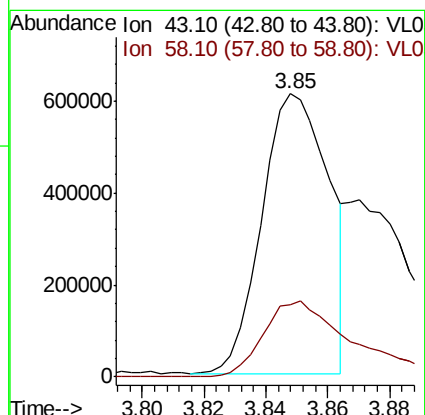
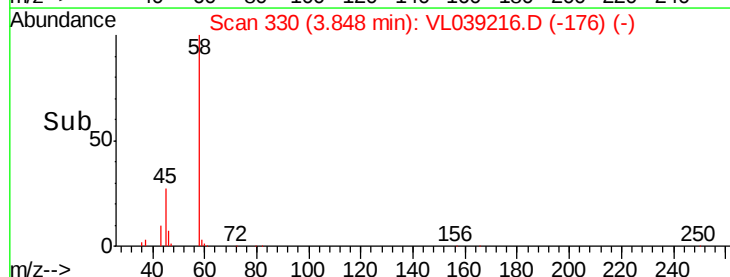
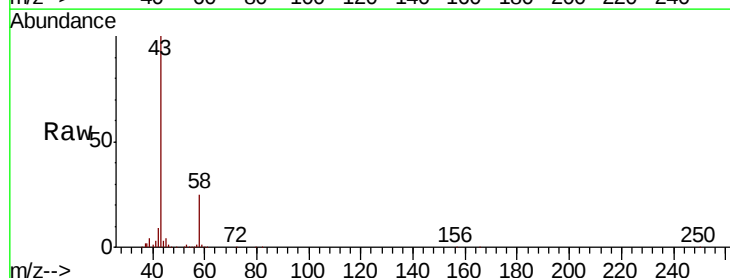
Acq: 7 Jun 2022 19:35

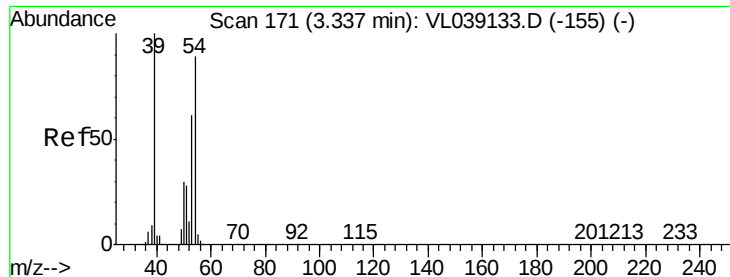
Tgt Ion: 43 Resp: 916791

Ion Ratio Lower Upper

43 100

58 38.9 22.5 33.7#





#16

1,3-Butadiene

Concen: 5.157 ppbv

RT: 3.36 min Scan# 178

Delta R.T. 0.02 min

Lab File: VL039216.D

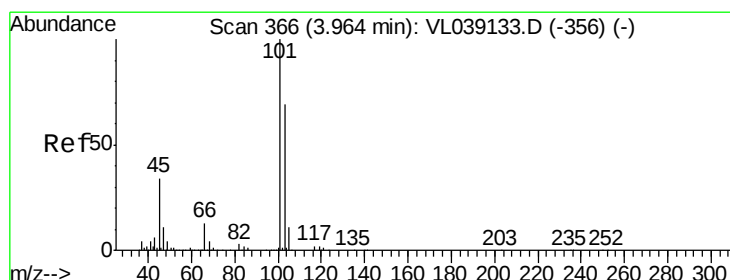
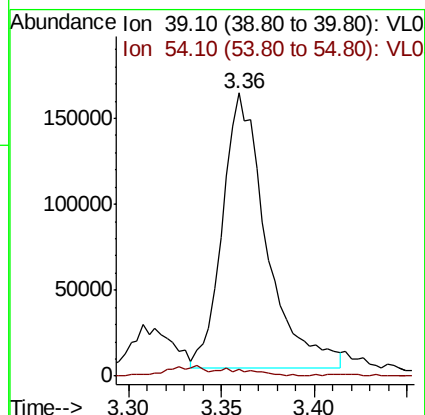
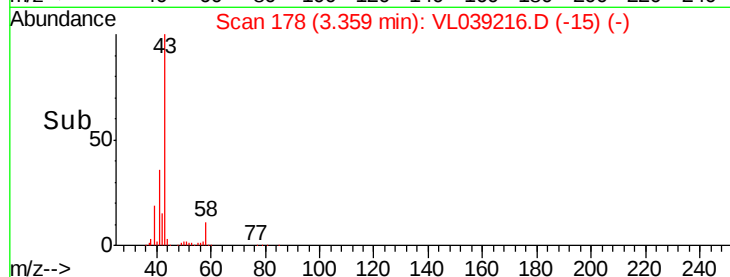
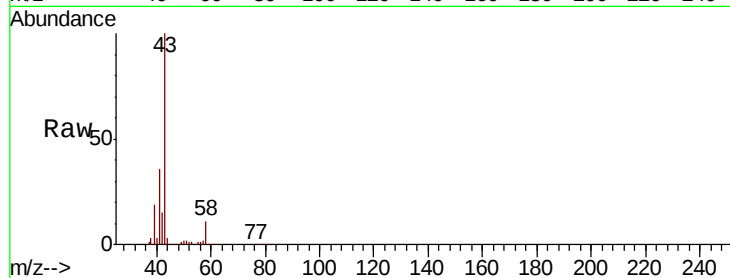
Acq: 7 Jun 2022 19:35

Tot Ion: 39 Resp: 264432

Ion Ratio Lower Upper

39 100

54 5.8 65.8 98.6#



#19

Isopropyl Alcohol

Concen: 45.231 ppbv

RT: 3.98 min Scan# 370

Delta R.T. 0.01 min

Lab File: VL039216.D

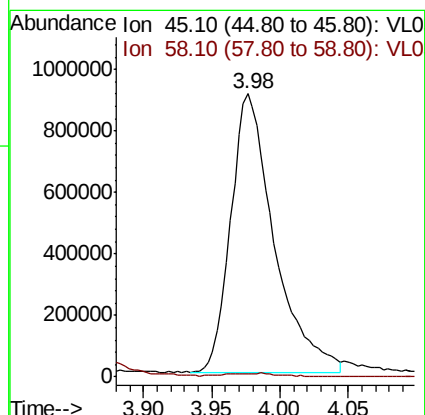
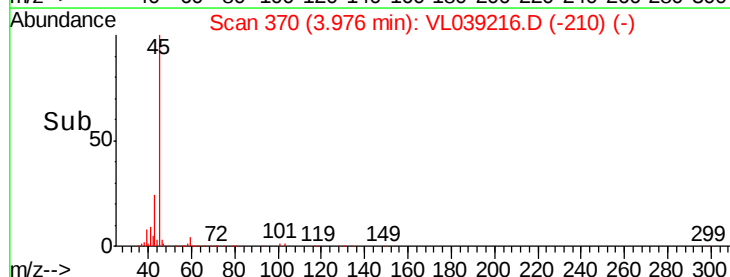
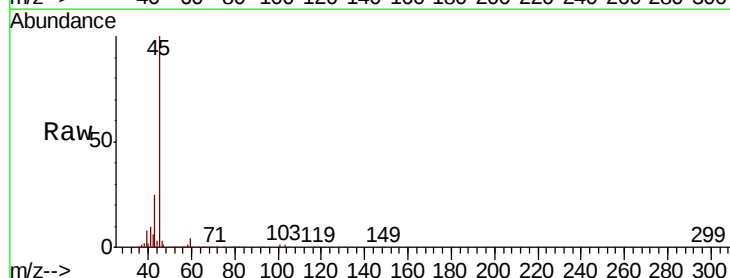
Acq: 7 Jun 2022 19:35

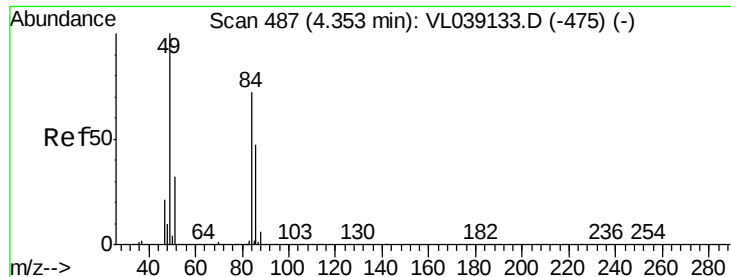
Tgt Ion: 45 Resp: 2023654

Ion Ratio Lower Upper

45 100

58 1.7 1.8 2.8#





#20

Methylene Chloride

Concen: 22.116 ppbv

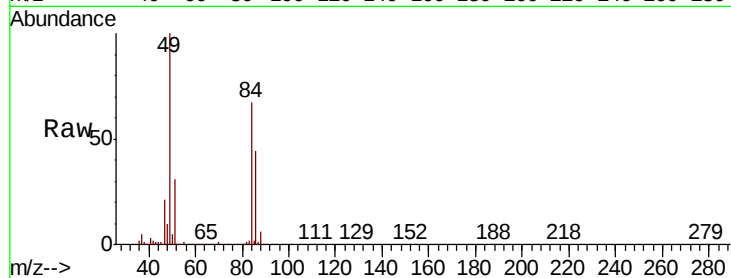
RT: 4.35 min Scan# 485

Delta R.T. -0.01 min

Lab File: VL039216.D

Acq: 7 Jun 2022 19:35

Tot Ion:	84	Resp:	889027
Ion	Ratio	Lower	Upper
84	100		
49	150.0	111.1	166.7
51	45.5	35.3	52.9
86	66.5	51.9	77.9



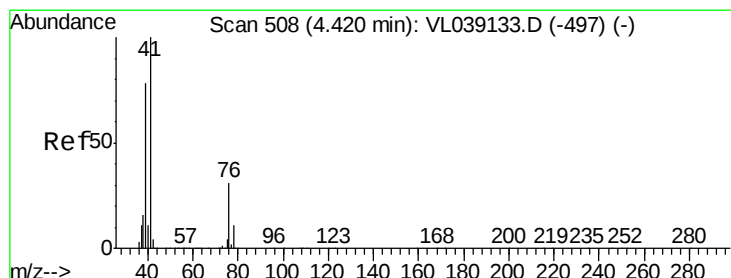
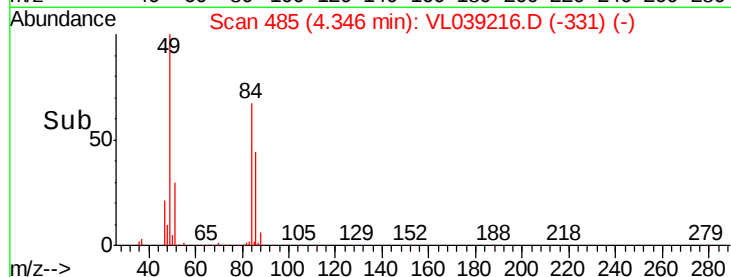
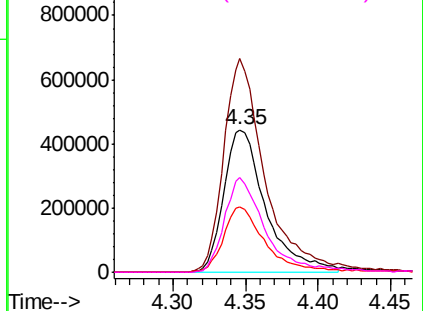
Abundance

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



#21

Allyl Chloride

Concen: 0.202 ppbv

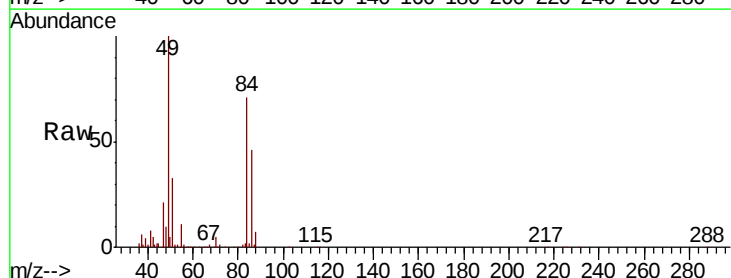
RT: 4.37 min Scan# 491

Delta R.T. -0.05 min

Lab File: VL039216.D

Acq: 7 Jun 2022 19:35

Tgt Ion:	41	Resp:	13012
Ion	Ratio	Lower	Upper
41	100		
76	1.3	24.2	36.2#
39	186.4	62.2	93.2#

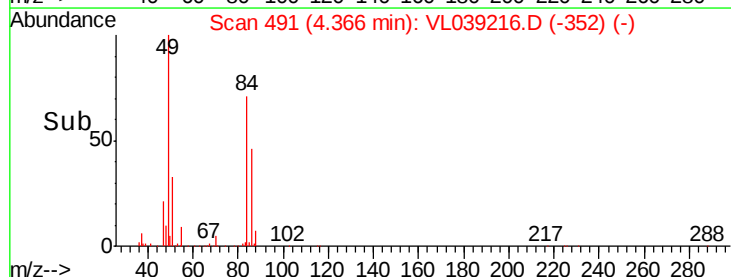
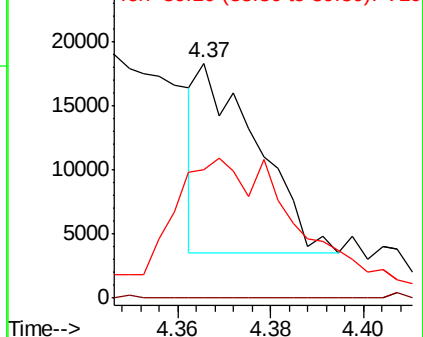


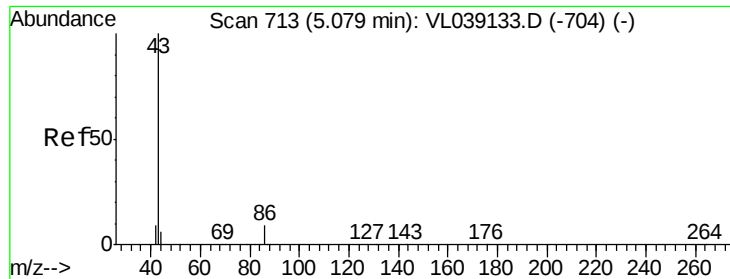
Abundance

Ion 41.10 (40.80 to 41.80): VL0

Ion 76.10 (75.80 to 76.80): VL0

Ion 39.10 (38.80 to 39.80): VL0





#23

Vinyl Acetate

Concen: 1.278 ppbv

RT: 5.06 min Scan# 707

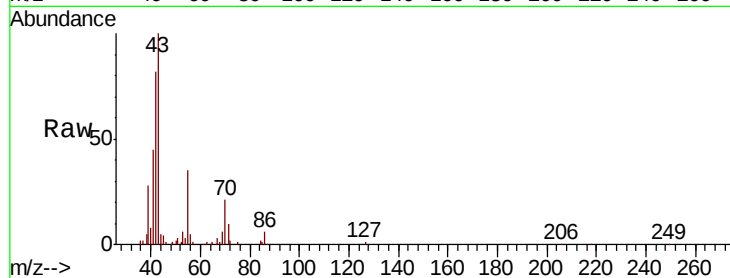
Delta R.T. -0.02 min

Lab File: VL039216.D

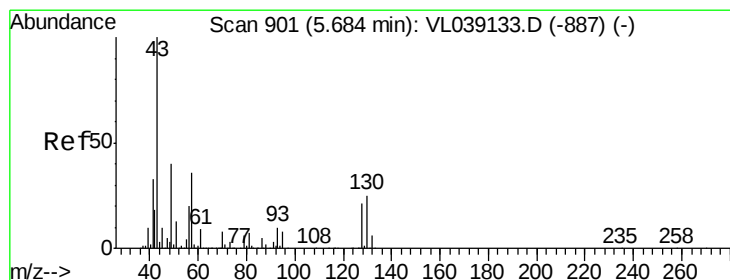
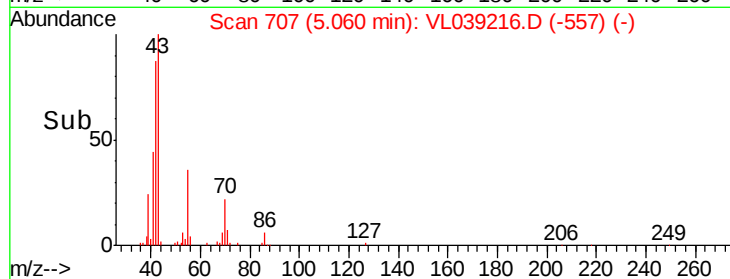
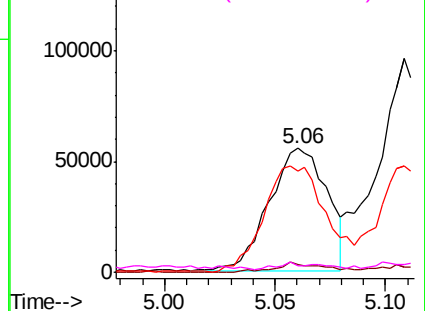
Acq: 7 Jun 2022 19:35

Tot Ion: 43 Resp: 100890

Ion	Ratio	Lower	Upper
43	100		
86	5.9	6.0	9.0#
42	82.1	8.2	12.4#
44	1.4	4.3	6.5#



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: 4.191 ppbv

RT: 5.69 min Scan# 902

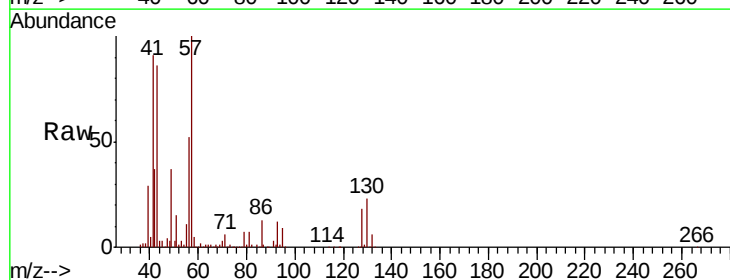
Delta R.T. 0.00 min

Lab File: VL039216.D

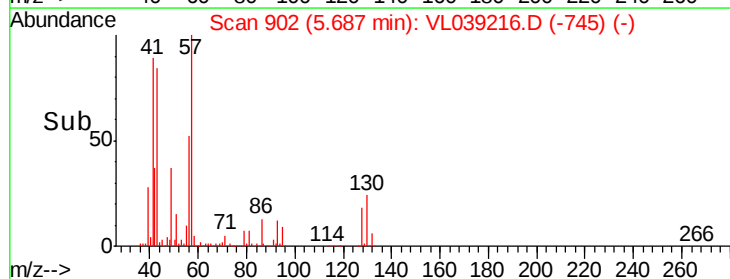
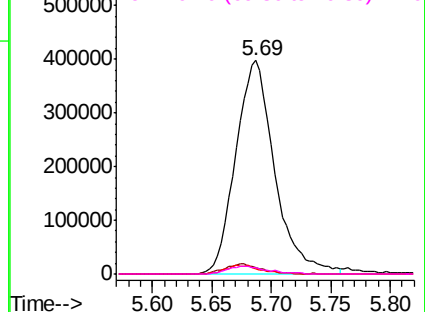
Acq: 7 Jun 2022 19:35

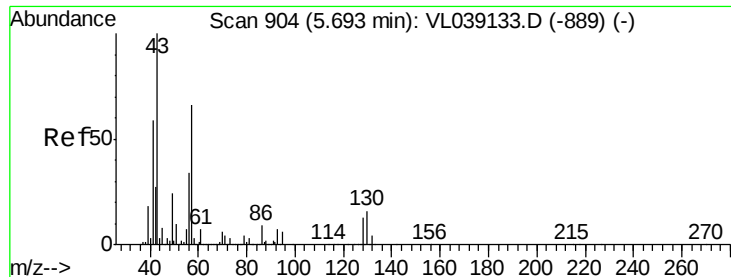
Tgt Ion: 43 Resp: 900993

Ion	Ratio	Lower	Upper
43	100		
45	4.6	8.2	12.2#
61	3.8	8.4	12.6#
70	3.8	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: 9.950 ppbv

RT: 5.69 min Scan# 902

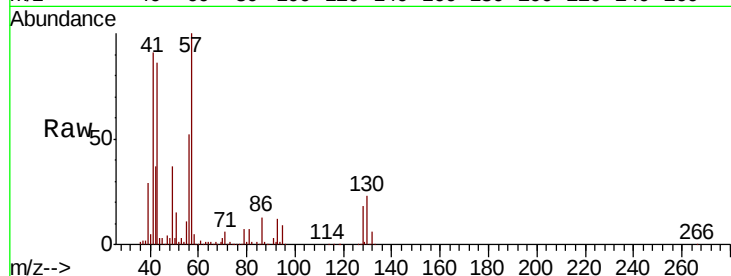
Delta R.T. -0.01 min

Lab File: VL039216.D

Acq: 7 Jun 2022 19:35

Tot Ion: 57 Resp: 940073

Ion	Ratio	Lower	Upper
57	100		
41	92.3	72.4	108.6
43	97.9	187.0	280.6#
56	53.1	41.8	62.6

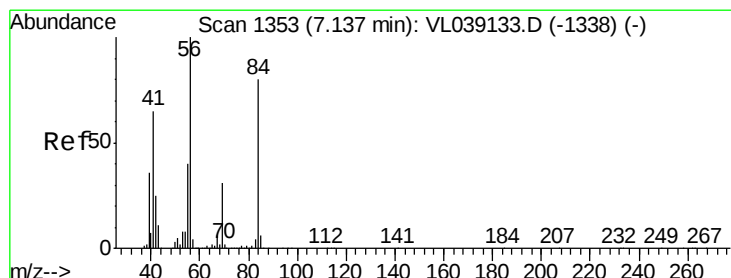
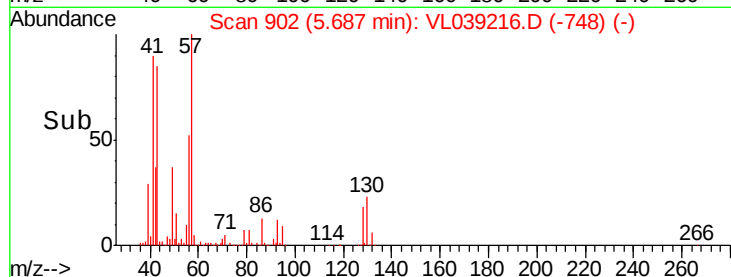
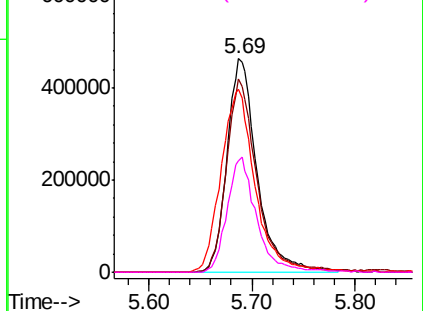


Abundance Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 43.10 (42.80 to 43.80): VL0

Ion 56.10 (55.80 to 56.80): VL0



#30

Cyclohexane

Concen: 0.065 ppbv

RT: 7.13 min Scan# 1350

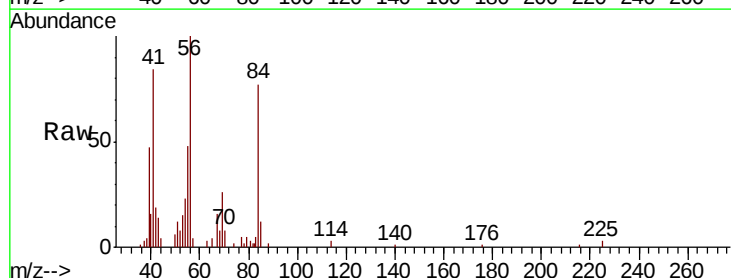
Delta R.T. -0.01 min

Lab File: VL039216.D

Acq: 7 Jun 2022 19:35

Tgt Ion: 84 Resp: 5193

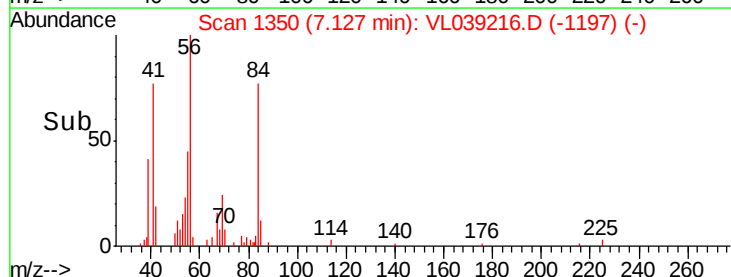
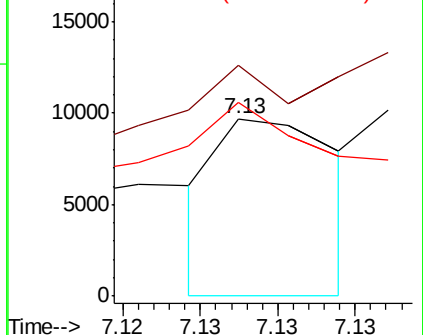
Ion	Ratio	Lower	Upper
84	100		
56	0.0	110.6	165.8#
41	406.4	68.9	103.3#

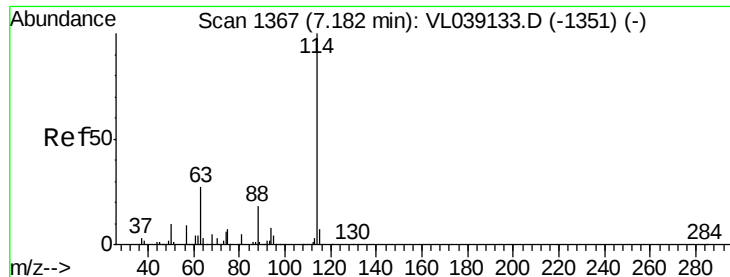


Abundance Ion 84.20 (83.90 to 84.90): VL0

Ion 56.10 (55.80 to 56.80): VL0

Ion 41.10 (40.80 to 41.80): VL0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.17 min Scan# 1364

Delta R.T. -0.01 min

Lab File: VL039216.D

Acq: 7 Jun 2022 19:35

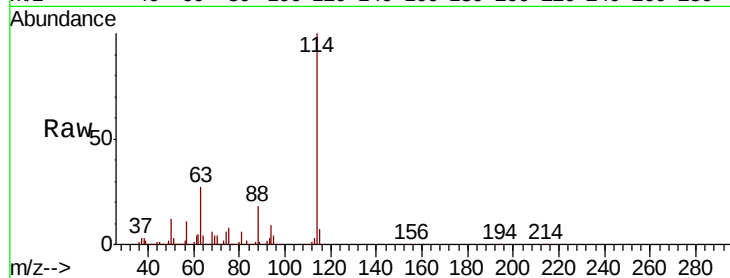
Tot Ion:114 Resp: 2092221

Ion Ratio Lower Upper

114 100

63 28.1 21.7 32.5

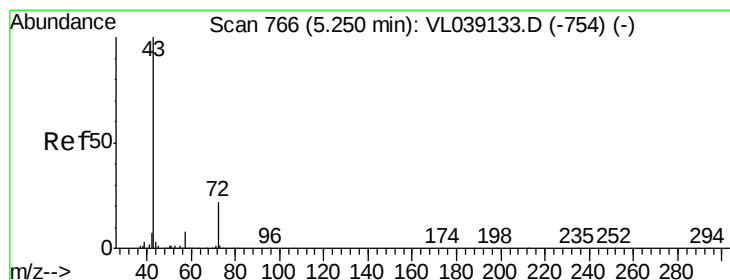
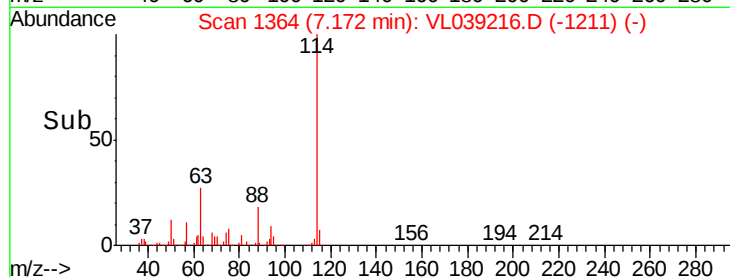
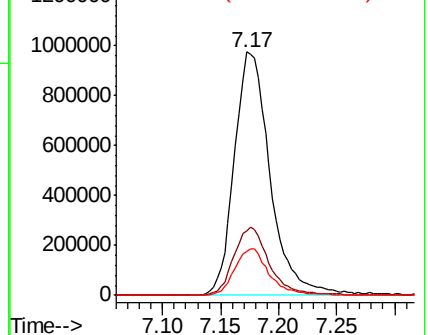
88 18.8 14.8 22.2



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: 0.451 ppbv

RT: 5.25 min Scan# 766

Delta R.T. 0.00 min

Lab File: VL039216.D

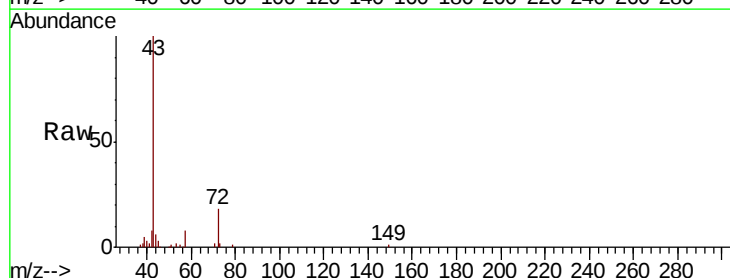
Acq: 7 Jun 2022 19:35

Tgt Ion: 43 Resp: 51224

Ion Ratio Lower Upper

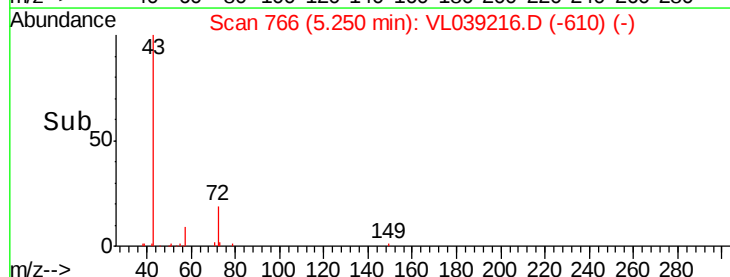
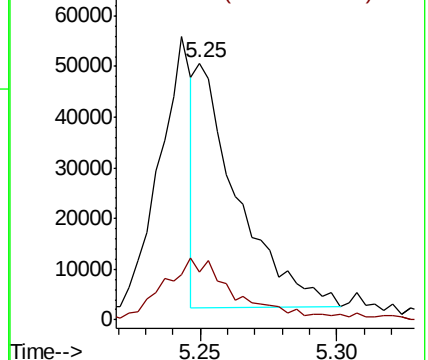
43 100

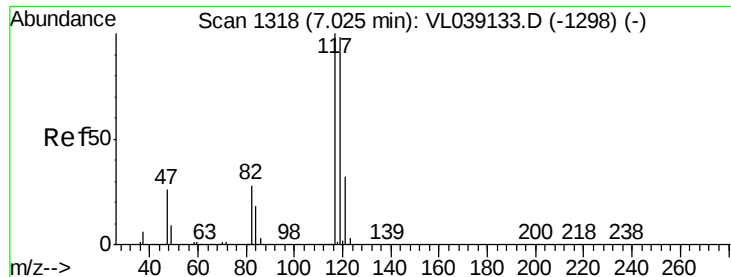
72 46.4 18.2 27.2#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 72.10 (71.80 to 72.80): VL0





#35

Carbon Tetrachloride

Concen: 0.034 ppbv

RT: 7.02 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VL039216.D

Acq: 7 Jun 2022 19:35

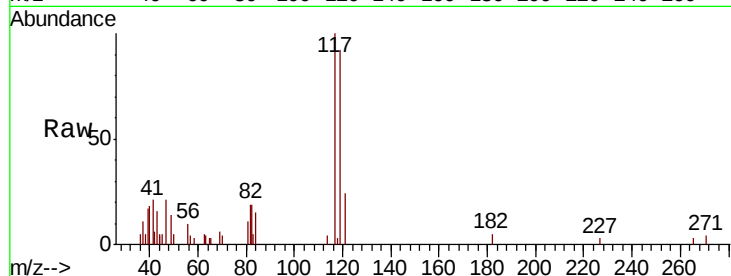
Tot Ion: 117 Resp: 5180

Ion Ratio Lower Upper

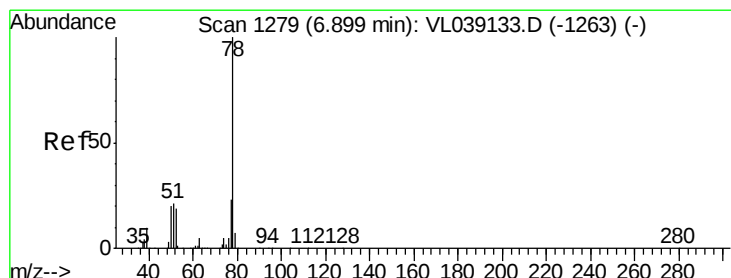
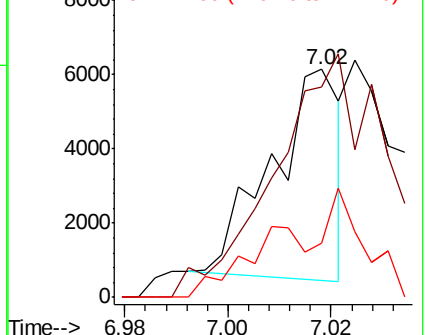
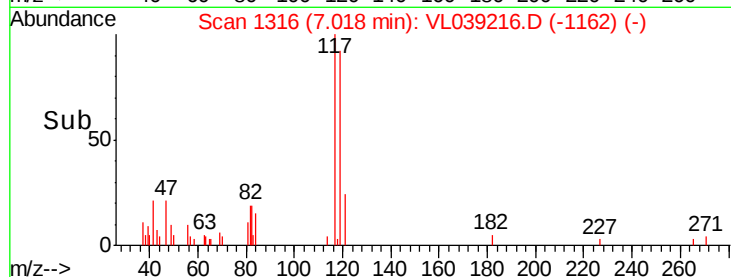
117 100

119 89.2 78.6 118.0

121 27.1 25.4 38.0



Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V



#36

Benzene

Concen: 1.090 ppbv

RT: 6.89 min Scan# 1277

Delta R.T. -0.01 min

Lab File: VL039216.D

Acq: 7 Jun 2022 19:35

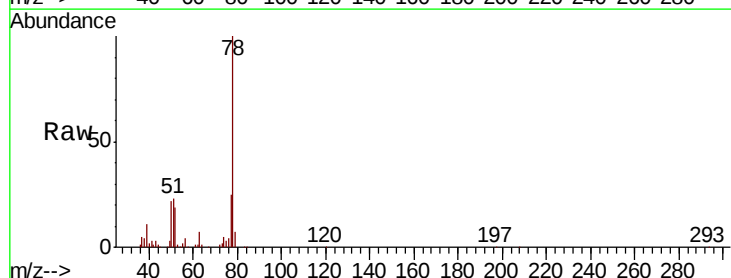
Tgt Ion: 78 Resp: 185111

Ion Ratio Lower Upper

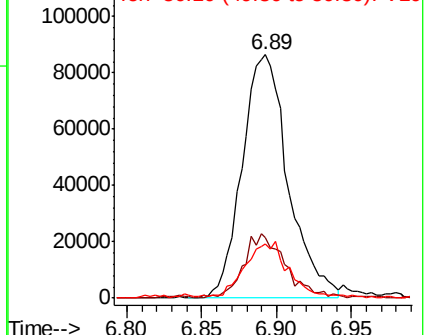
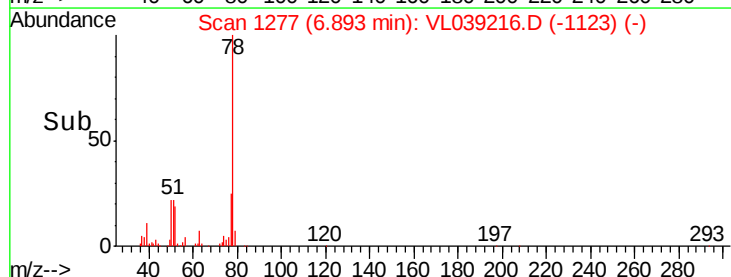
78 100

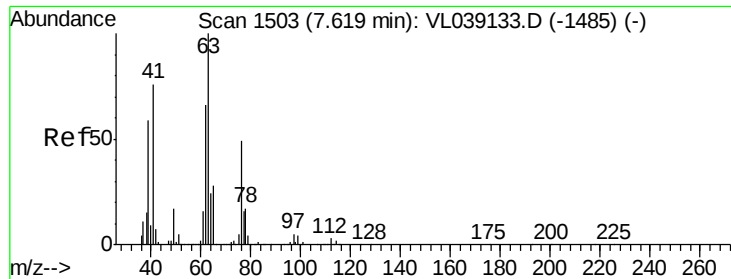
77 24.4 18.6 27.8

50 21.2 15.8 23.8



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





#39

1,2-Dichloropropane

Concen: 8.546 ppbv

RT: 7.18 min Scan# 1365

Delta R.T. -0.44 min

Lab File: VL039216.D

Acq: 7 Jun 2022 19:35

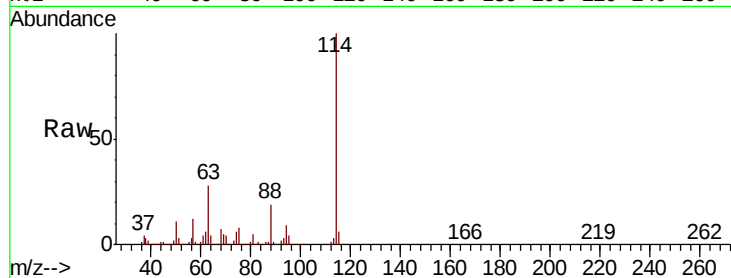
Tot Ion: 63 Resp: 577382

Ion Ratio Lower Upper

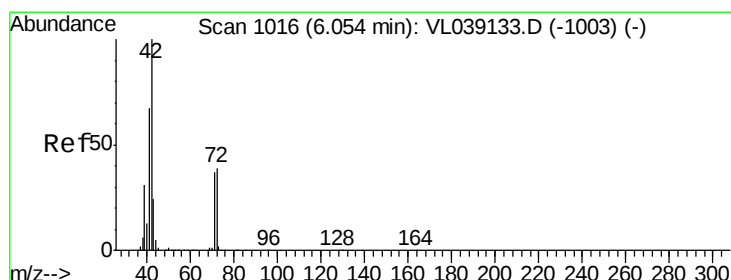
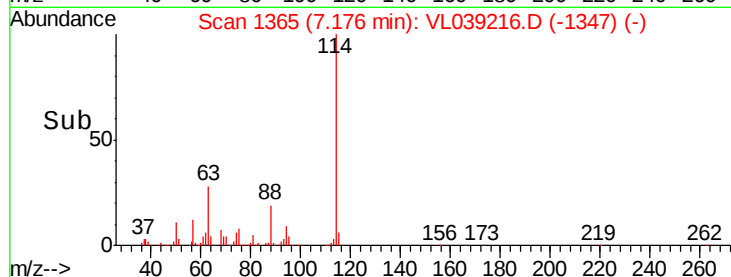
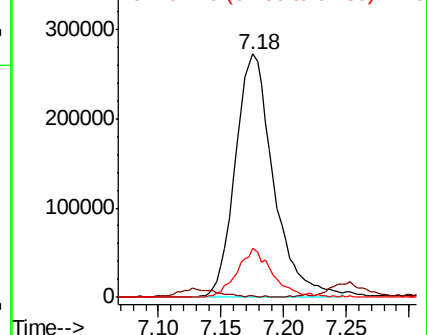
63 100

41 0.0 60.8 91.2#

62 19.9 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: 0.099 ppbv

RT: 6.02 min Scan# 1006

Delta R.T. -0.03 min

Lab File: VL039216.D

Acq: 7 Jun 2022 19:35

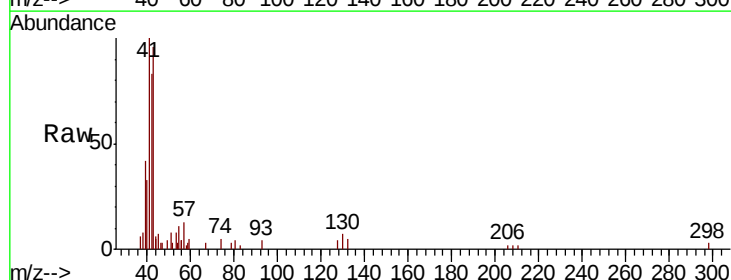
Tgt Ion: 42 Resp: 6800

Ion Ratio Lower Upper

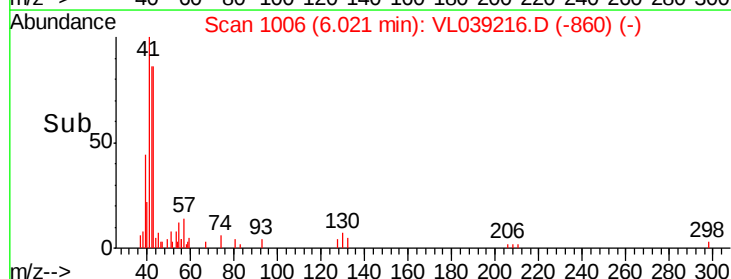
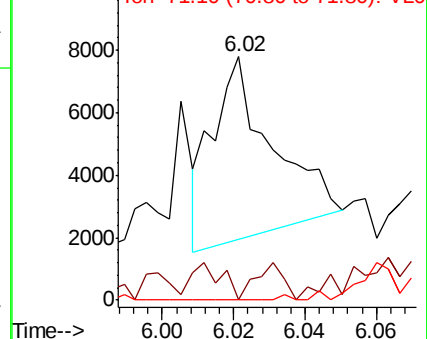
42 100

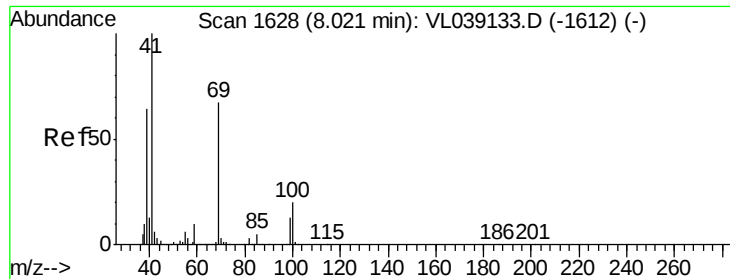
72 28.7 32.0 48.0#

71 0.0 31.1 46.7#



Abundance Ion 42.10 (41.80 to 42.80): VL0
Ion 72.10 (71.80 to 72.80): VL0
Ion 71.10 (70.80 to 71.80): VL0





#43

Methyl Methacrylate

Concen: 0.136 ppbv

RT: 8.01 min Scan# 1625

Delta R.T. -0.01 min

Lab File: VL039216.D

Acq: 7 Jun 2022 19:35

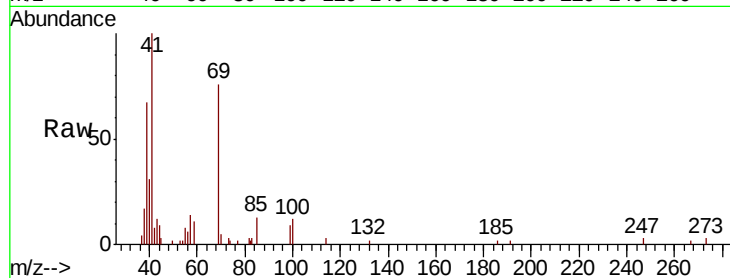
Tot Ion: 69 Resp: 8991

Ion Ratio Lower Upper

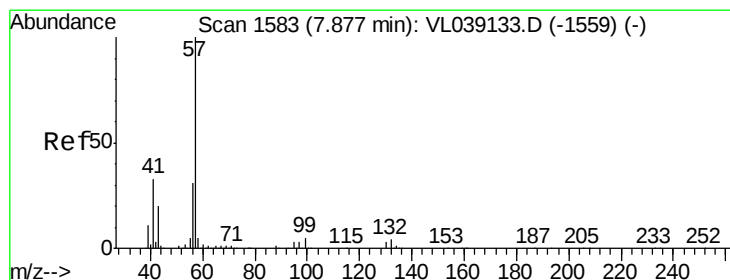
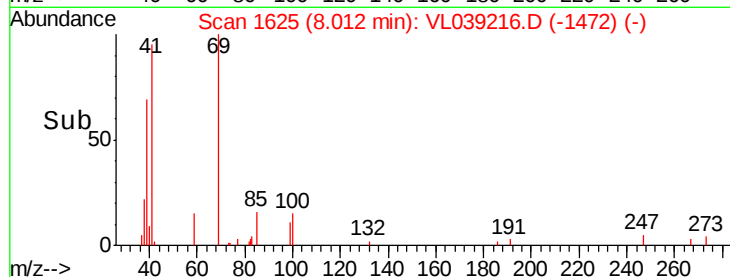
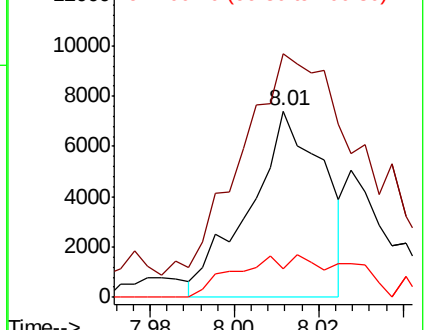
69 100

41 275.5 121.9 182.9#

100 37.3 24.1 36.1#



Abundance Ion 69.10 (68.80 to 69.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 100.10 (99.80 to 100.80): VL0



#44

2,2,4-Trimethylpentane

Concen: 0.411 ppbv

RT: 7.86 min Scan# 1579

Delta R.T. -0.01 min

Lab File: VL039216.D

Acq: 7 Jun 2022 19:35

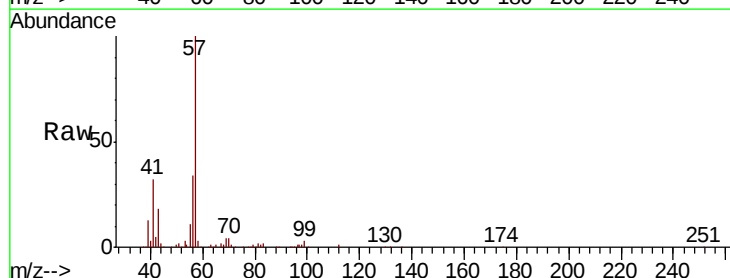
Tgt Ion: 57 Resp: 122192

Ion Ratio Lower Upper

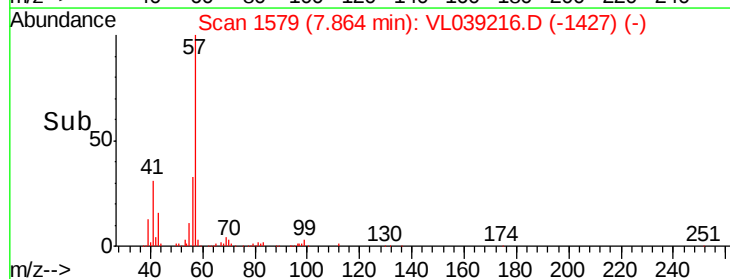
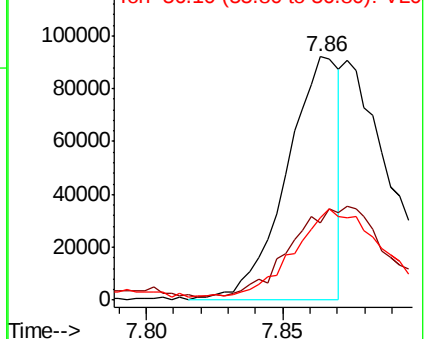
57 100

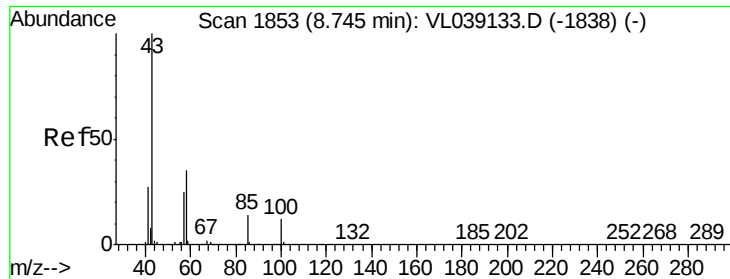
41 0.0 26.2 39.4#

56 70.2 24.7 37.1#



Abundance Ion 57.10 (56.80 to 57.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 56.10 (55.80 to 56.80): VL0





#50

4-Methyl-2-Pentanone

Concen: 0.046 ppbv

RT: 8.74 min Scan# 1850

Delta R.T. -0.01 min

Lab File: VL039216.D

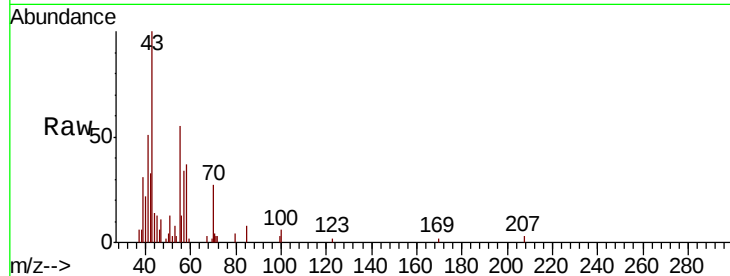
Acq: 7 Jun 2022 19:35

Tot Ion: 43 Resp: 7843

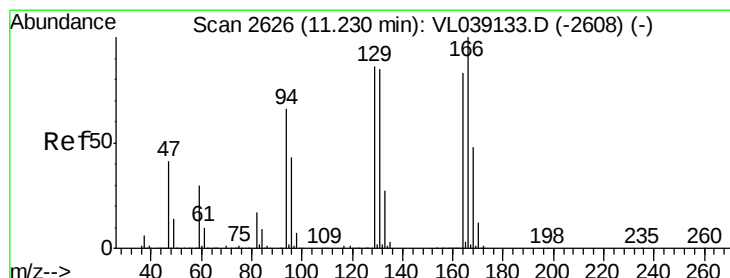
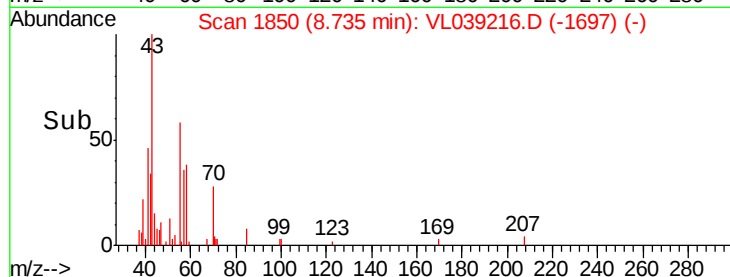
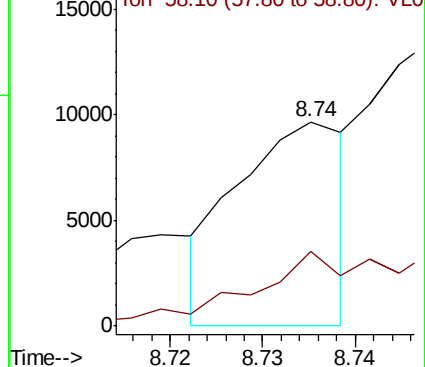
Ion Ratio Lower Upper

43 100

58 0.0 28.7 43.1#



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



#52

Tetrachloroethene

Concen: 0.064 ppbv

RT: 11.22 min Scan# 2623

Delta R.T. -0.01 min

Lab File: VL039216.D

Acq: 7 Jun 2022 19:35

Tgt Ion: 164 Resp: 4247

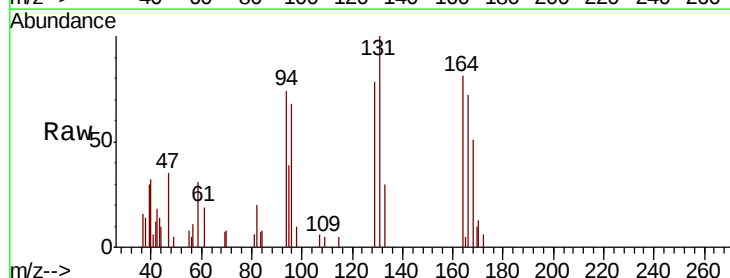
Ion Ratio Lower Upper

164 100

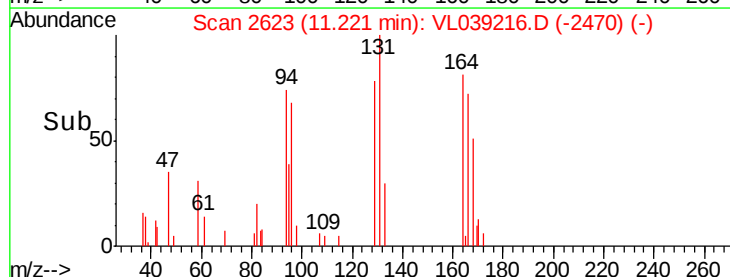
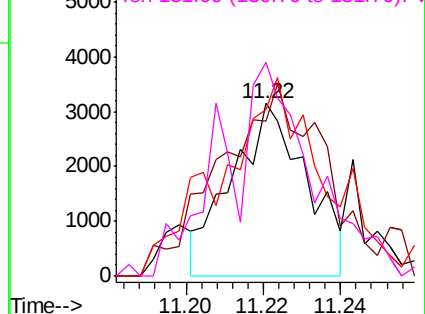
166 82.0 96.3 144.5#

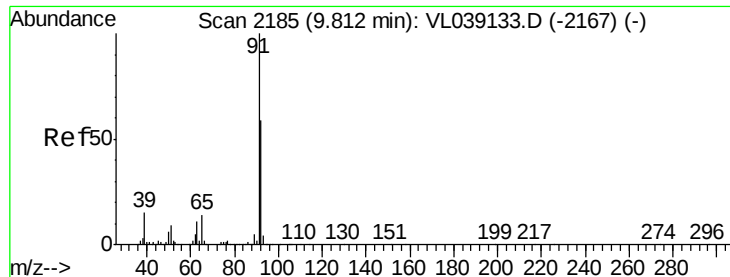
129 76.2 82.5 123.7#

131 122.4 82.1 123.1



Abundance Ion 163.90 (163.60 to 164.60): V
Ion 165.90 (165.60 to 166.60): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V





#53

Toluene

Concen: 2.402 ppbv

RT: 9.80 min Scan# 2182

Delta R.T. -0.01 min

Lab File: VL039216.D

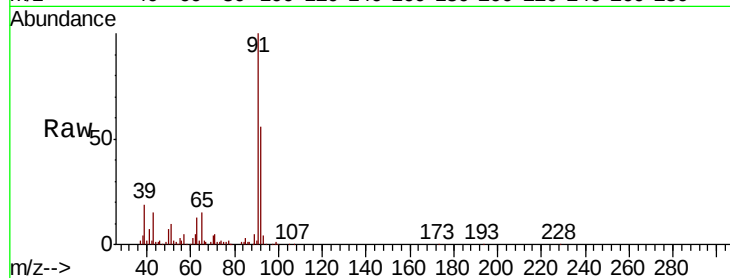
Acq: 7 Jun 2022 19:35

Tot Ion: 91 Resp: 469797

Ion Ratio Lower Upper

91 100

92 59.7 48.1 72.1



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0

250000

200000

150000

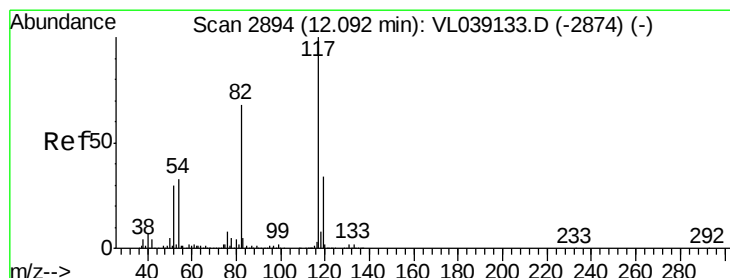
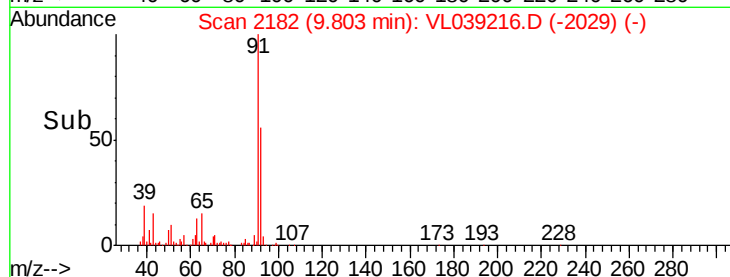
100000

50000

0

9.70 9.75 9.80 9.85 9.90

Time-->



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.09 min Scan# 2892

Delta R.T. -0.01 min

Lab File: VL039216.D

Acq: 7 Jun 2022 19:35

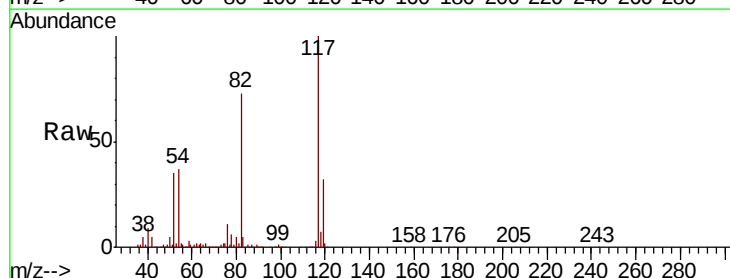
Tgt Ion: 117 Resp: 1795550

Ion Ratio Lower Upper

117 100

82 73.7 55.1 82.7

119 33.0 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

1000000

800000

600000

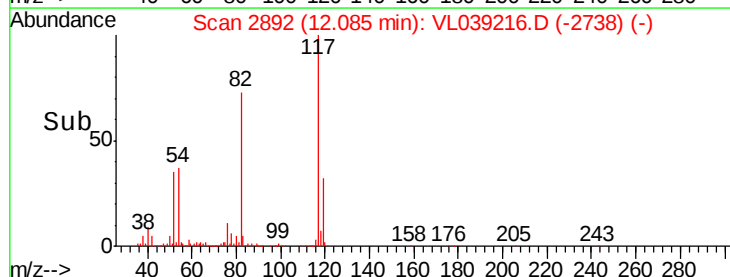
400000

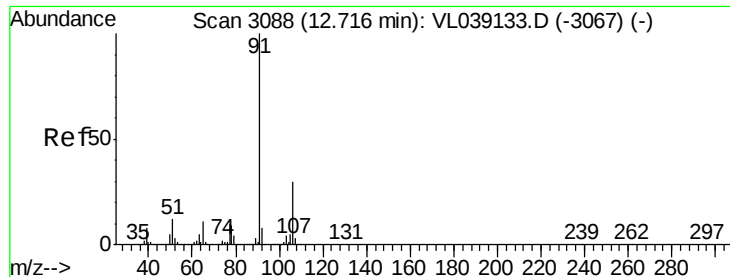
200000

0

12.00 12.10

Time-->





#58

Ethyl Benzene

Concen: 0.189 ppbv

RT: 12.71 min Scan# 3085

Delta R.T. -0.01 min

Lab File: VL039216.D

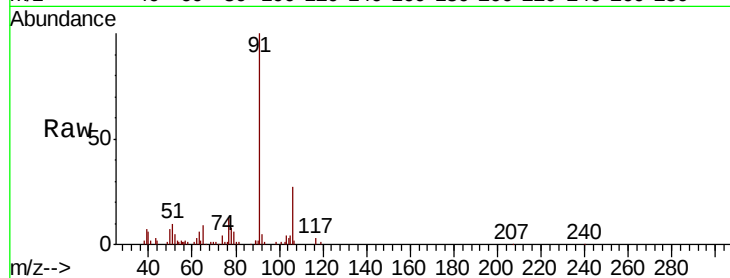
Acq: 7 Jun 2022 19:35

Tot Ion: 91 Resp: 46806

Ion Ratio Lower Upper

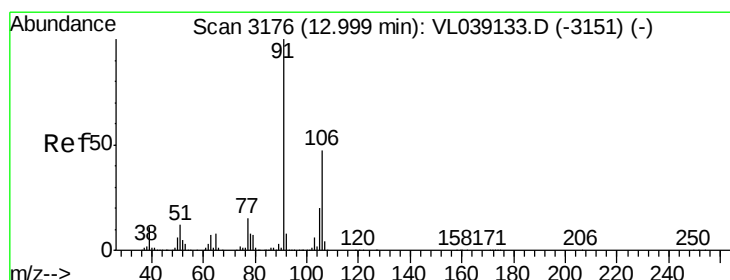
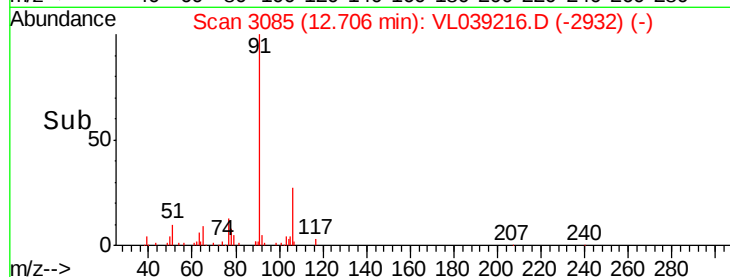
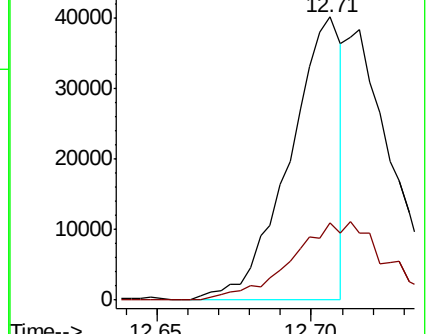
91 100

106 27.3 24.2 36.4



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V



#59

m/p-Xylene

Concen: 0.244 ppbv

RT: 13.00 min Scan# 3175

Delta R.T. -0.00 min

Lab File: VL039216.D

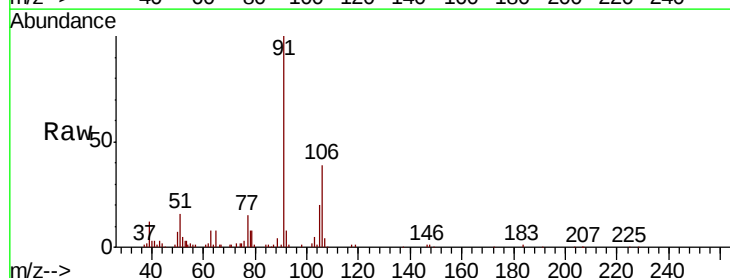
Acq: 7 Jun 2022 19:35

Tgt Ion: 91 Resp: 53063

Ion Ratio Lower Upper

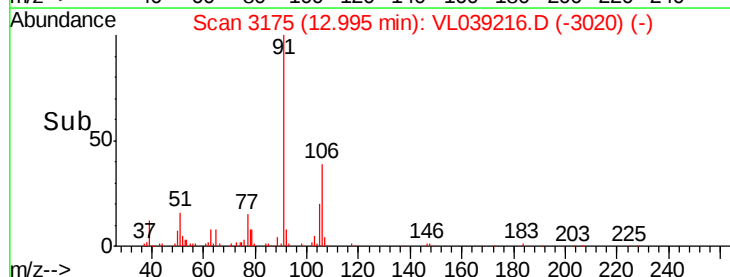
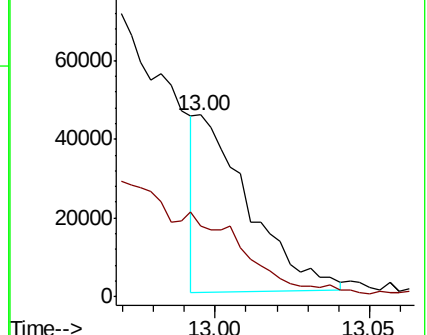
91 100

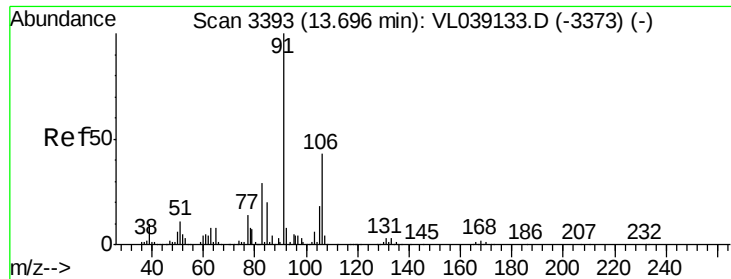
106 0.0 34.3 51.5#



Abundance Ion 91.10 (90.80 to 91.80): VL0

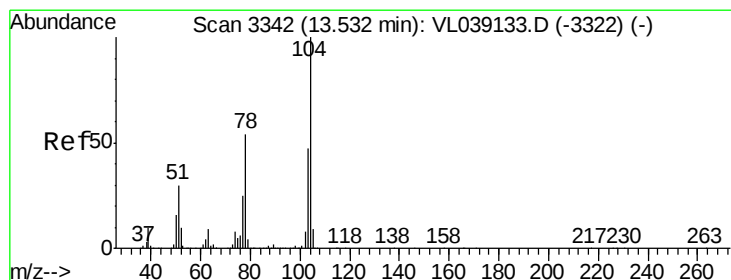
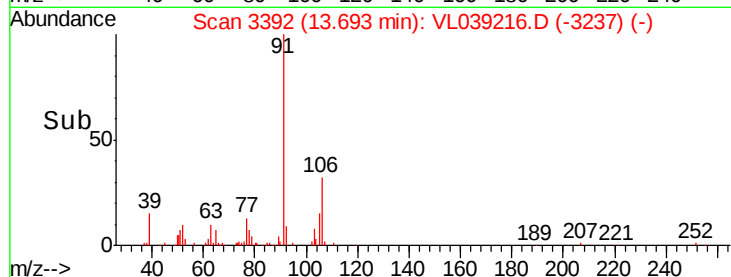
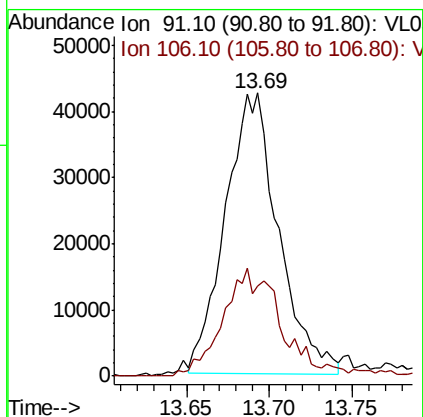
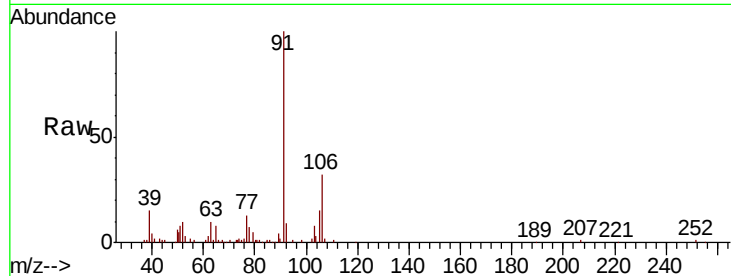
Ion 106.10 (105.80 to 106.80): V





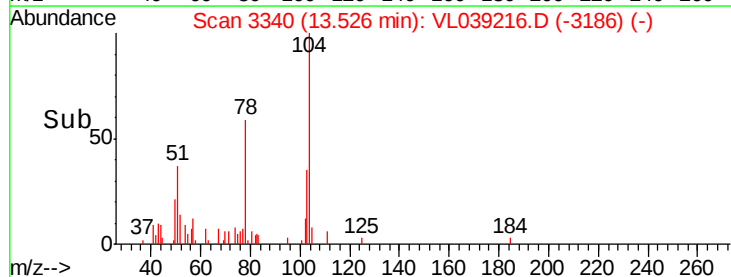
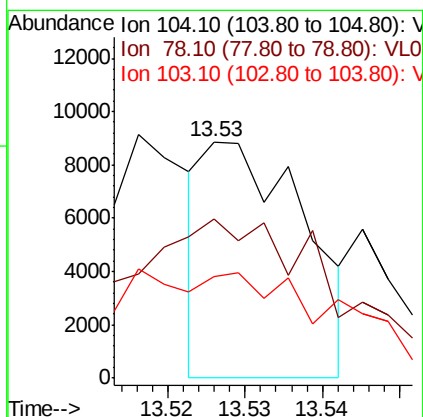
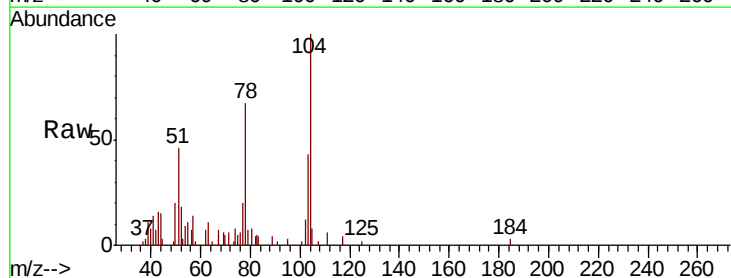
#60
o-Xylene
Concen: 0.462 ppbv
RT: 13.69 min Scan# 3392
Delta R.T. -0.00 min
Lab File: VL039216.D
Acq: 7 Jun 2022 19:35

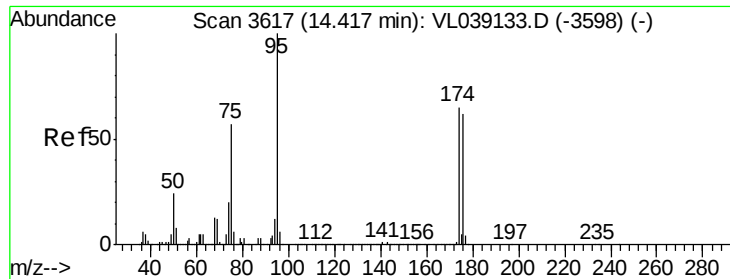
Tot Ion: 91 Resp: 94557
Ion Ratio Lower Upper
91 100
106 43.6 22.3 66.9



#61
Styrene
Concen: 0.073 ppbv
RT: 13.53 min Scan# 3340
Delta R.T. -0.01 min
Lab File: VL039216.D
Acq: 7 Jun 2022 19:35

Tgt Ion: 104 Resp: 8020
Ion Ratio Lower Upper
104 100
78 181.2 45.7 68.5#
103 0.0 39.6 59.4#

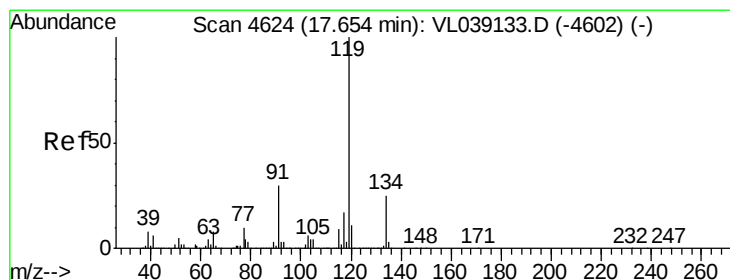
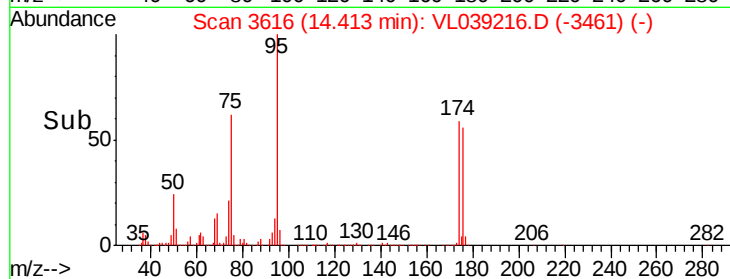
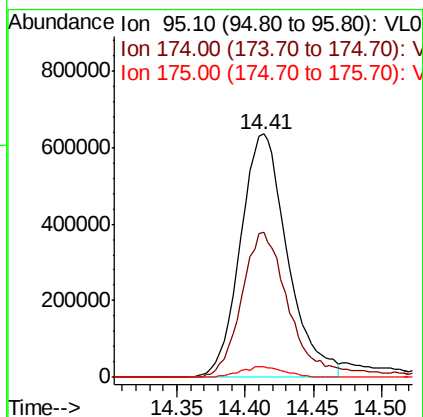
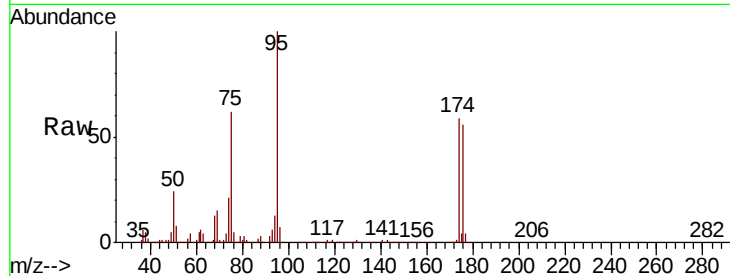




#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.236 ppbv
 RT: 14.41 min Scan# 3616
 Delta R.T. -0.00 min
 Lab File: VL039216.D
 Acq: 7 Jun 2022 19:35

Tot Ion: 95 Resp: 1519424

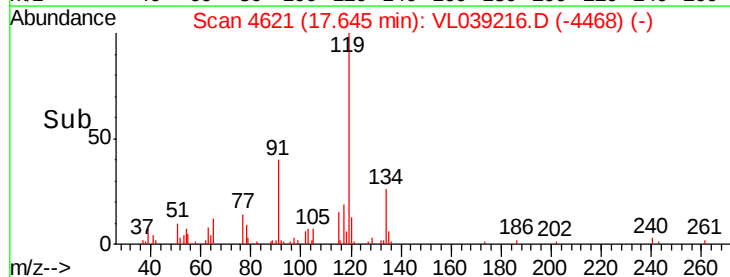
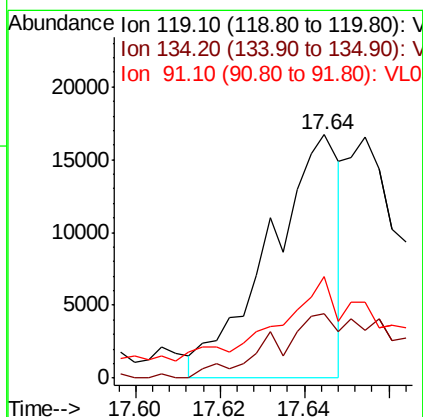
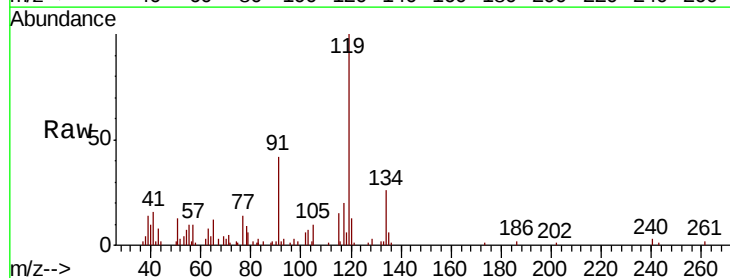
Ion	Ratio	Lower	Upper
95	100		
174	64.0	53.8	80.8
175	4.3	4.1	6.1

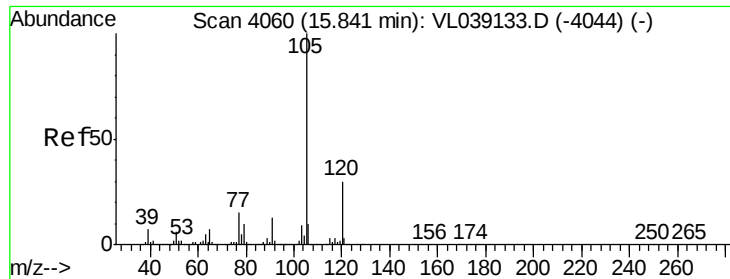


#69
 p-Isopropyltoluene
 Concen: 0.060 ppbv
 RT: 17.64 min Scan# 4621
 Delta R.T. -0.01 min
 Lab File: VL039216.D
 Acq: 7 Jun 2022 19:35

Tgt Ion: 119 Resp: 19311

Ion	Ratio	Lower	Upper
119	100		
134	53.3	20.4	30.6#
91	75.3	24.2	36.4#





#72

4-Ethyltoluene

Concen: 0.033 ppbv

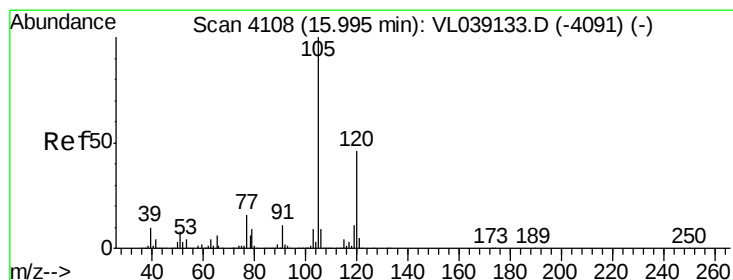
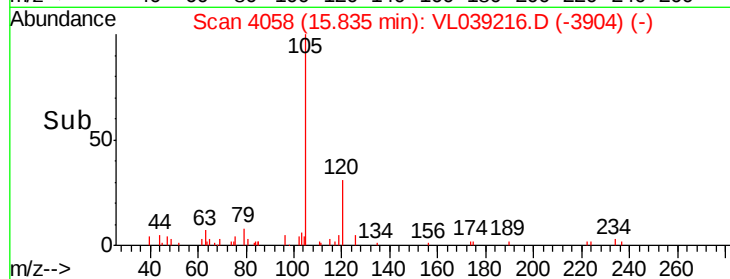
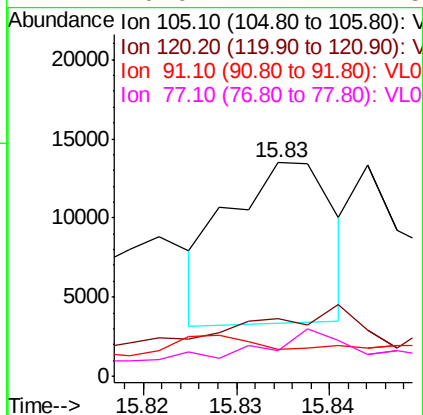
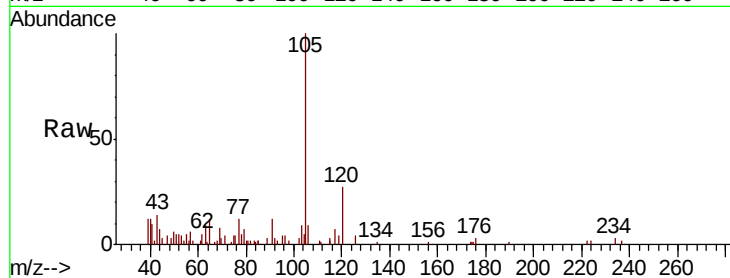
RT: 15.83 min Scan# 4058

Delta R.T. -0.01 min

Lab File: VL039216.D

Acq: 7 Jun 2022 19:35

Tot Ion:105	Resp:	8001
Ion Ratio	Lower	Upper
105	100	
120	0.0	23.9 35.9#
91	87.5	10.6 16.0#
77	0.0	11.7 17.5#



#73

1,3,5-Trimethylbenzene

Concen: 0.044 ppbv

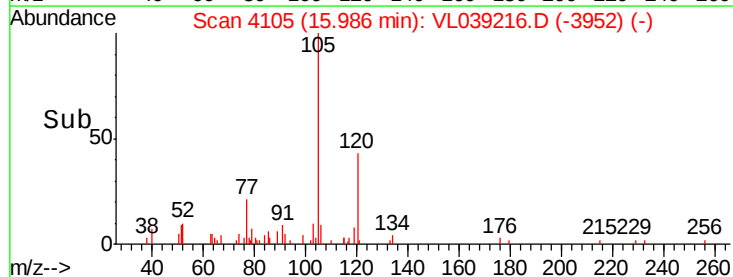
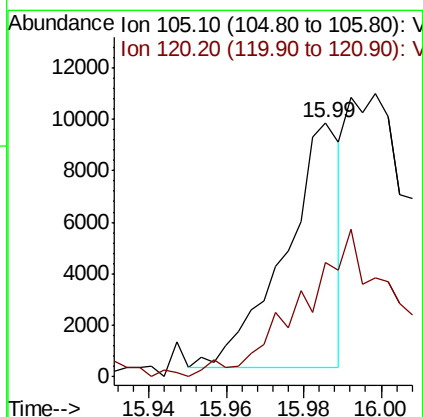
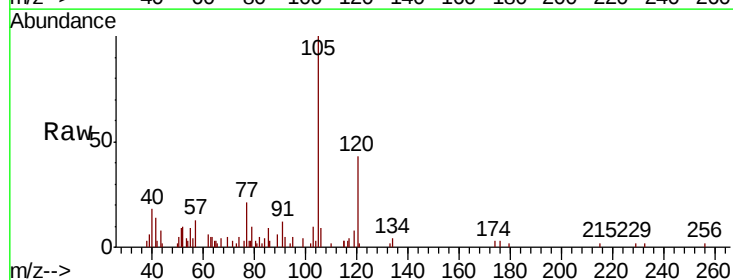
RT: 15.99 min Scan# 4105

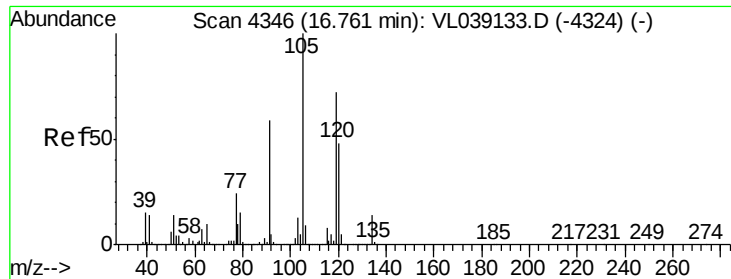
Delta R.T. -0.01 min

Lab File: VL039216.D

Acq: 7 Jun 2022 19:35

Tgt Ion:105	Resp:	9421
Ion Ratio	Lower	Upper
105	100	
120	46.9	36.7 55.1





#74

1,2,4-Trimethylbenzene

Concen: 0.125 ppbv

RT: 16.75 min Scan# 4342

Delta R.T. -0.01 min

Lab File: VL039216.D

Acq: 7 Jun 2022 19:35

Tot Ion:105 Resp: 30238

Ion Ratio Lower Upper

105 100

120 39.6 38.1 57.1

91 10.2 47.4 71.0#

77 13.3 19.5 29.3#

