

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL060722\
 Data File : VL039220.D
 Acq On : 7 Jun 2022 22:15
 Operator : SY/AP
 Sample : N3214-13 0.45 LOD
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 08 05:01:51 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	704479	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	1658560	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	1469811	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	1296075	10.67	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.70%

Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.05	85	90232	0.729 ppbv	100
3) Chlorodifluoromethane	2.99	51	64308	0.717 ppbv	98
4) Chloromethane	3.14	50	31068	0.675 ppbv #	87
5) Vinyl Chloride	3.26	62	21230	0.493 ppbv	96
6) Bromomethane	3.48	94	9036	0.427 ppbv	81
7) Chloroethane	3.56	64	3320	0.221 ppbv	99
8) Dichlorotetrafluoroethane	3.19	85	82479	0.729 ppbv	98
9) Propene	3.01	41	11803	0.302 ppbv #	15
10) Heptane	8.11	43	17802	0.195 ppbv #	26
11) Trichlorofluoromethane	3.95	101	92295	0.824 ppbv	97
12) 1,1,2-Trichlorotrifluoroet	4.49	101	37105	0.501 ppbv #	42
13) Ethanol	3.64	45	1023	0.480 ppbv #	100
14) Bromoethene	3.75	108	11345	0.341 ppbv #	1
15) Acetone	3.86	43	62781	0.856 ppbv	90
16) 1,3-Butadiene	3.33	39	26217	0.665 ppbv	94
17) tert-Butyl alcohol	4.30	59	18762	0.330 ppbv #	57
18) 1,1-Dichloroethene	4.29	96	25466	0.766 ppbv	93
19) Isopropyl Alcohol	3.97	45	28194	0.819 ppbv #	87
20) Methylene Chloride	4.35	84	27129	0.877 ppbv #	87
21) Allyl Chloride	4.41	41	19087	0.386 ppbv #	1
22) trans-1,2-Dichloroethene	4.89	96	24142	0.755 ppbv	98
23) Vinyl Acetate	5.08	43	19501	0.321 ppbv #	92
24) 1,1-Dichloroethane	5.01	63	53048	0.638 ppbv	98
25) Ethyl Acetate	5.68	43	39462	0.239 ppbv #	68
26) Hexane	5.68	57	22402	0.308 ppbv #	1
27) Carbon Disulfide	4.56	76	47614	0.632 ppbv #	79
28) Methyl tert-Butyl Ether	5.05	73	45541	0.568 ppbv #	90
29) Chloroform	5.75	83	74763	0.611 ppbv	99
30) Cyclohexane	7.13	84	27916	0.457 ppbv #	85
31) cis-1,2-Dichloroethene	5.55	61	19409	0.262 ppbv	91
32) 1,1,1-Trichloroethane	6.51	97	64663	0.540 ppbv #	79
34) 2-Butanone	5.26	43	52539	0.583 ppbv	93
35) Carbon Tetrachloride	7.02	117	44796	0.370 ppbv	96
36) Benzene	6.89	78	75194	0.558 ppbv	96
37) 1,2-Dichloroethane	6.30	62	63474	0.716 ppbv	100
38) Trichloroethene	7.83	130	24379	0.394 ppbv	99
39) 1,2-Dichloropropane	7.62	63	6757	0.126 ppbv #	70
41) Tetrahydrofuran	6.07	42	26546	0.490 ppbv	92
42) Bromodichloromethane	7.79	83	35812	0.291 ppbv #	99
43) Methyl Methacrylate	8.01	69	13515	0.258 ppbv #	1
44) 2,2,4-Trimethylpentane	7.87	57	130204	0.553 ppbv #	88

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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)
45) t-1,3-Dichloropropene	9.28	75	17076	0.313	ppbv	91
46) cis-1,3-Dichloropropene	8.70	75	20397	0.283	ppbv #	75
47) 1,1,2-Trichloroethane	9.47	97	14672	0.263	ppbv #	91
48) Dibromochloromethane	10.30	129	8679	0.087	ppbv #	9
49) Bromoform	13.03	173	23688	0.285	ppbv #	60
50) 4-Methyl-2-Pentanone	8.75	43	54161	0.402	ppbv #	80
51) 2-Hexanone	10.15	43	30620	0.292	ppbv #	65
52) Tetrachloroethene	11.22	164	17081	0.325	ppbv	96
53) Toluene	9.81	91	80033	0.516	ppbv	93
54) 1,2-Dibromoethane	10.60	107	18194	0.242	ppbv	97
56) 1,1,1,2-Tetrachloroethane	12.12	131	33587	0.483	ppbv #	49
57) Chlorobenzene	12.14	112	67363	0.609	ppbv #	90
58) Ethyl Benzene	12.99	91	47441	0.234	ppbv	91
59) m/p-Xylene	12.99	91	47441	0.266	ppbv #	1
60) o-Xylene	13.69	91	103202	0.616	ppbv	92
61) Styrene	13.52	104	18996	0.212	ppbv #	25
62) Isopropylbenzene	14.66	105	144855	0.582	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.67	83	49856	0.530	ppbv	87
64) n-propylbenzene	15.56	120	28406	0.464	ppbv #	22
65) tert-Butylbenzene	16.74	119	73013	0.321	ppbv #	6
66) Benzyl Chloride	16.97	91	3242	0.110	ppbv #	1
67) sec-Butylbenzene	17.29	105	186700	0.601	ppbv	96
69) p-Isopropyltoluene	17.64	119	87728	0.335	ppbv #	54
70) n-Butylbenzene	18.55	91	142654	0.530	ppbv	97
71) 2-Chlorotoluene	15.83	91	8563	0.045	ppbv	67
72) 4-Ethyltoluene	15.83	105	98466	0.501	ppbv #	93
73) 1,3,5-Trimethylbenzene	15.99	105	44952	0.254	ppbv #	85
74) 1,2,4-Trimethylbenzene	16.75	105	50376	0.255	ppbv #	74
75) 1,3-Dichlorobenzene	16.99	146	53412	0.477	ppbv	74
76) 1,4-Dichlorobenzene	17.13	146	28252	0.253	ppbv #	11
77) 1,2-Dichlorobenzene	17.80	146	12529	0.111	ppbv #	22
78) Hexachloro-1,3-Butadiene	23.36	225	32334	0.314	ppbv #	18
79) Naphthalene	22.20	128	9518	0.063	ppbv	95
80) Naphthalene,2-methyl-	24.97	142	8441	0.149	ppbv	90
81) 1,2,4-Trichlorobenzene	21.92	180	27317	0.283	ppbv #	100

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

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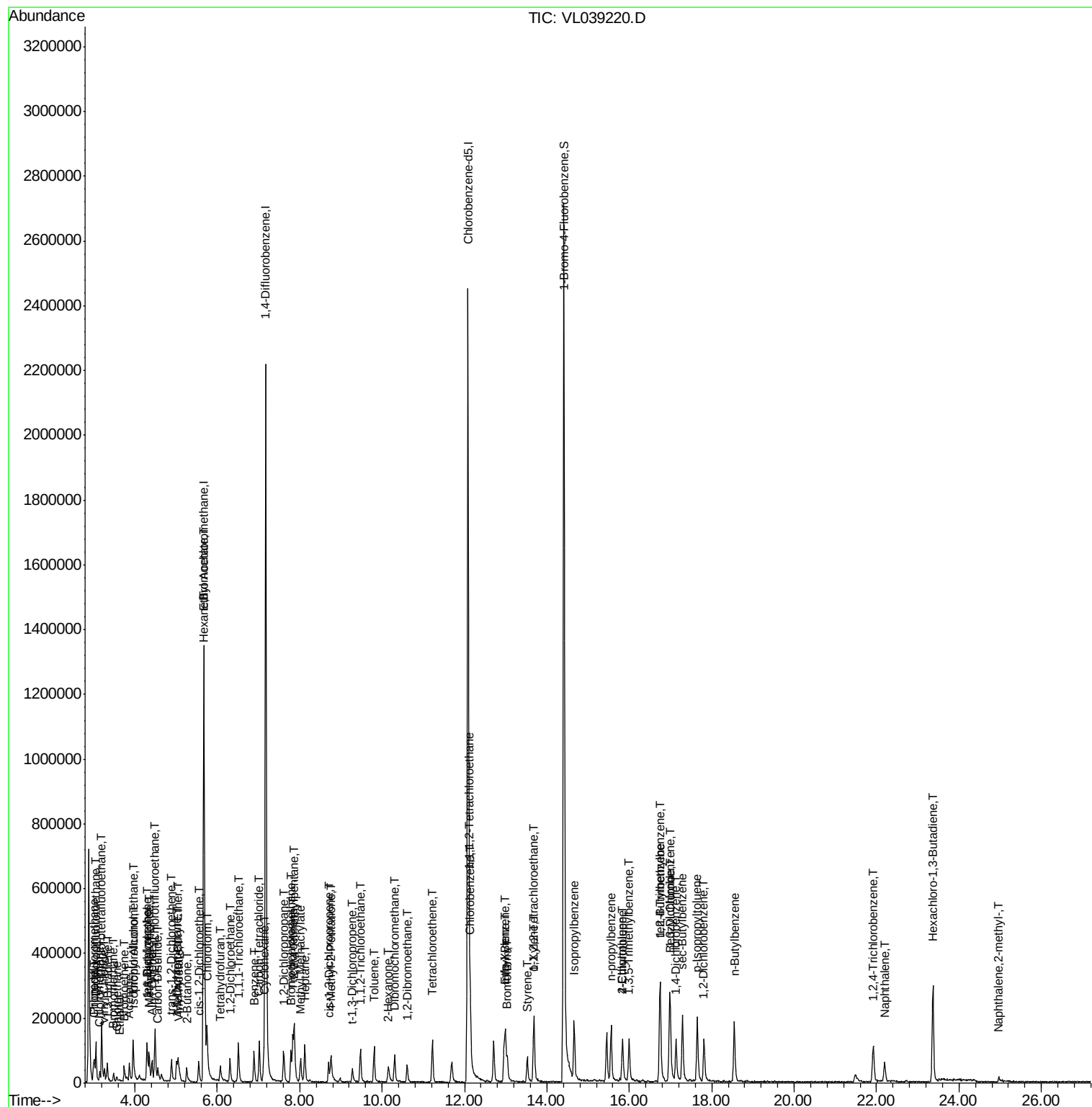
Quant Time: Jun 08 05:01:51 2022

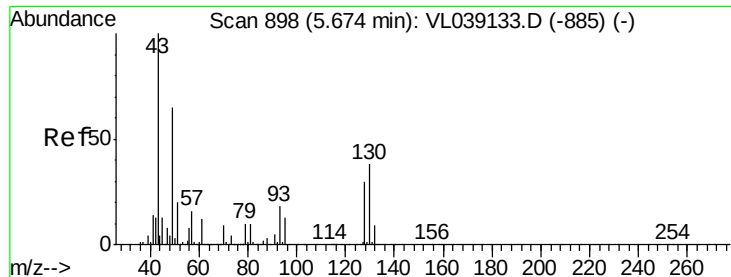
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL053122AIR.M

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 896

Delta R.T. -0.01 min

Lab File: VL039220.D

Acq: 7 Jun 2022 22:15

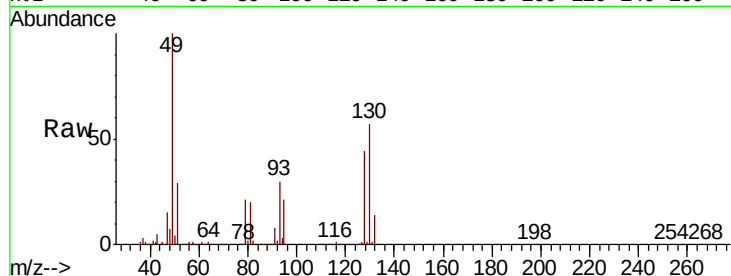
Tot Ion: 49 Resp: 704479

Ion Ratio Lower Upper

49 100

128 48.8 24.7 74.1

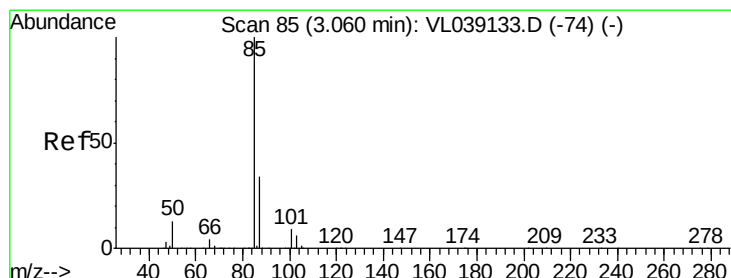
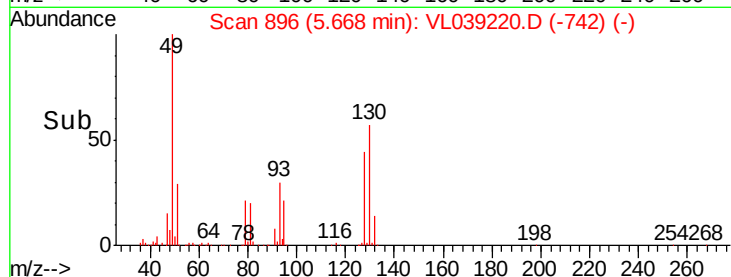
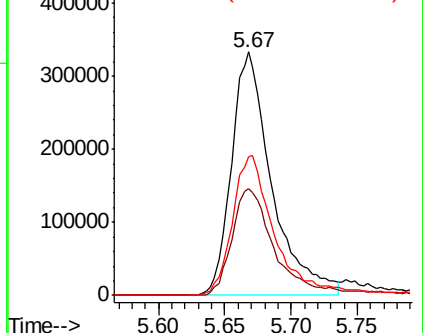
130 60.7 31.4 94.0



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: 0.729 ppbv

RT: 3.05 min Scan# 83

Delta R.T. -0.01 min

Lab File: VL039220.D

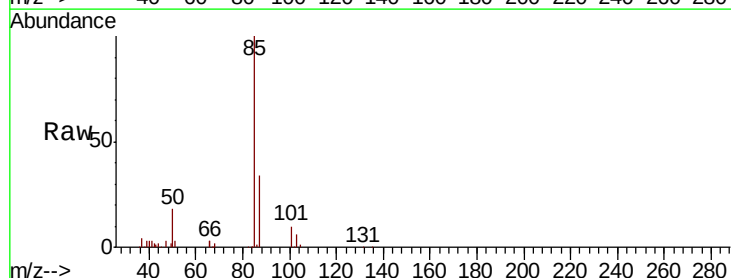
Acq: 7 Jun 2022 22:15

Tgt Ion: 85 Resp: 90232

Ion Ratio Lower Upper

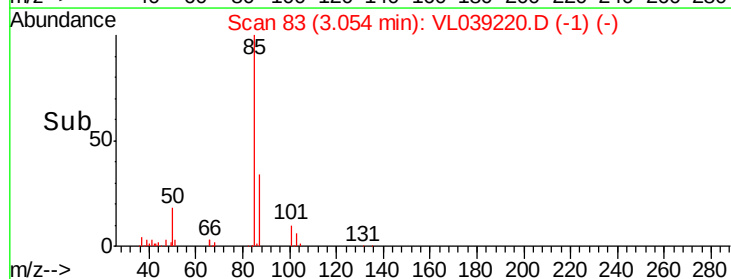
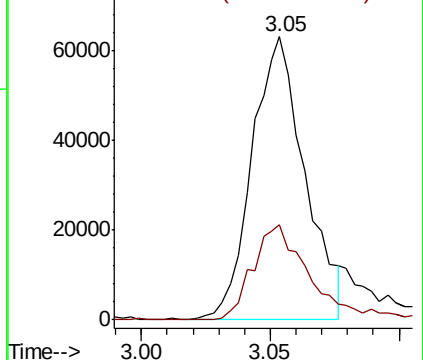
85 100

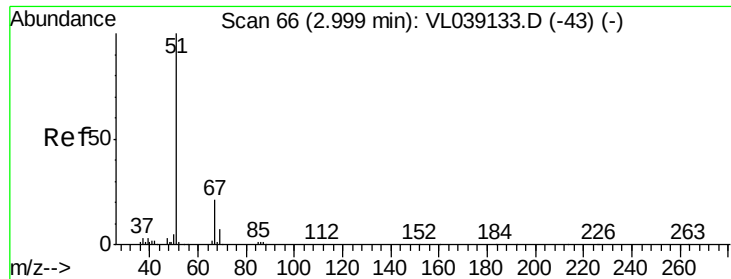
87 33.7 26.9 40.3



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.717 ppbv

RT: 2.99 min Scan# 64

Delta R.T. -0.01 min

Lab File: VL039220.D

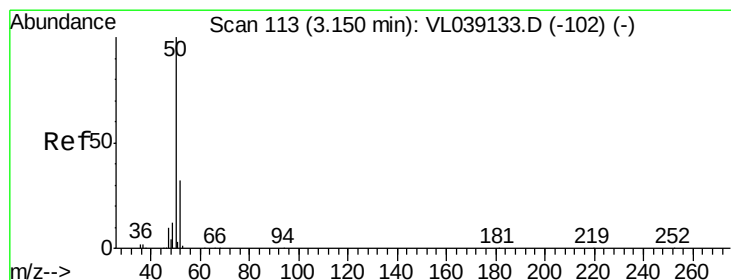
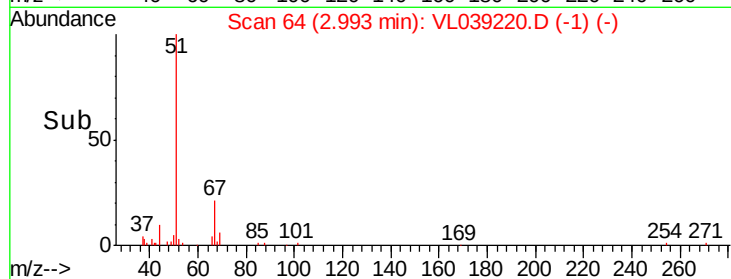
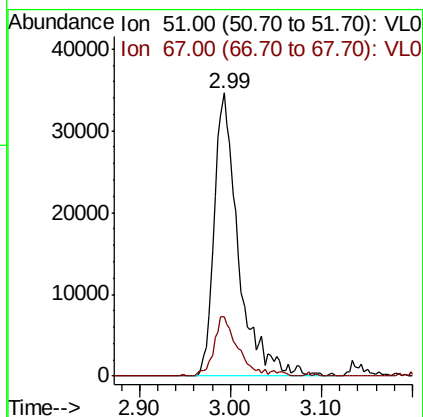
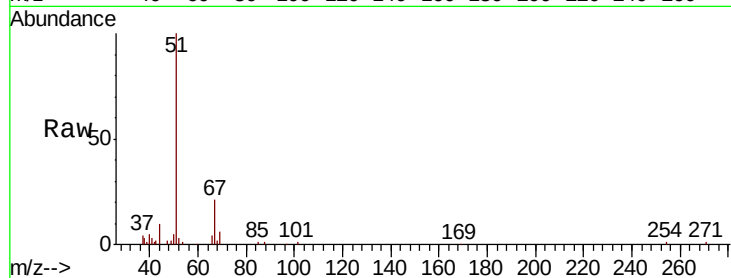
Acq: 7 Jun 2022 22:15

Tot Ion: 51 Resp: 64308

Ion Ratio Lower Upper

51 100

67 21.3 16.2 24.4



#4

Chloromethane

Concen: 0.675 ppbv

RT: 3.14 min Scan# 111

Delta R.T. -0.01 min

Lab File: VL039220.D

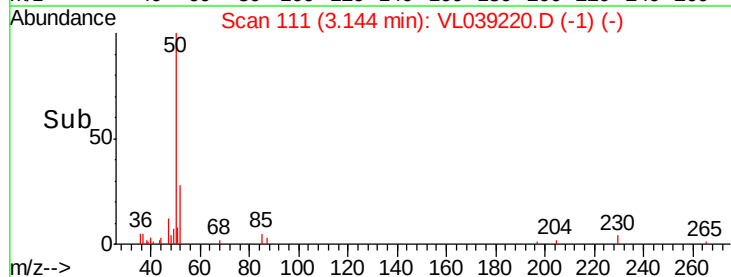
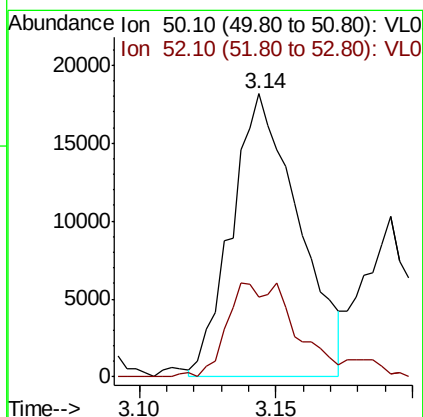
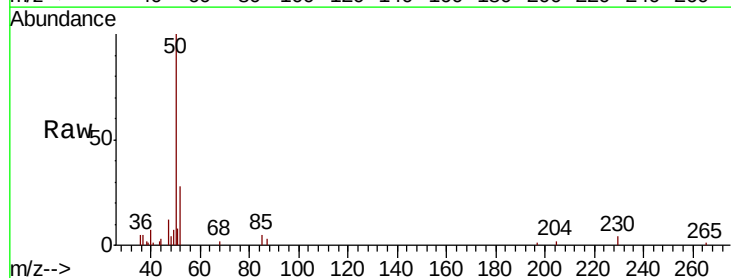
Acq: 7 Jun 2022 22:15

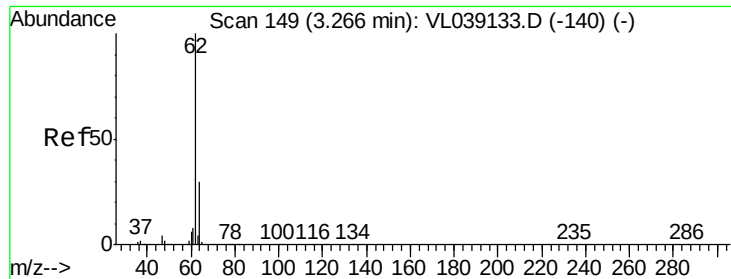
Tgt Ion: 50 Resp: 31068

Ion Ratio Lower Upper

50 100

52 25.4 25.9 38.9#





#5

Vinyl Chloride

Concen: 0.493 ppbv

RT: 3.26 min Scan# 147

Delta R.T. -0.01 min

Lab File: VL039220.D

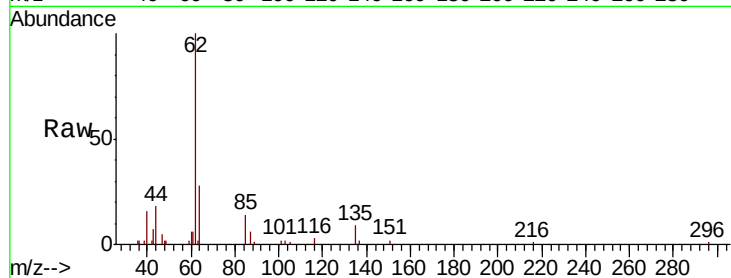
Acq: 7 Jun 2022 22:15

Tot Ion: 62 Resp: 21230

Ion Ratio Lower Upper

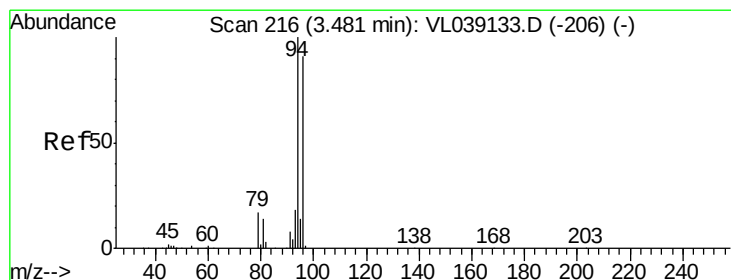
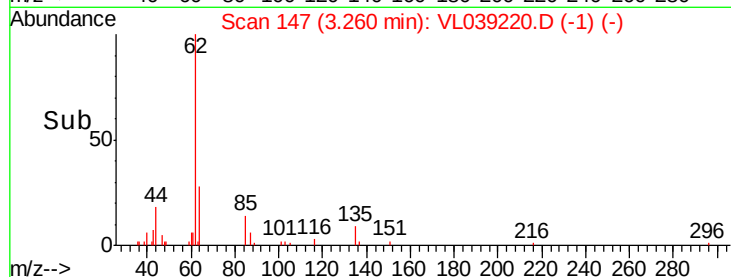
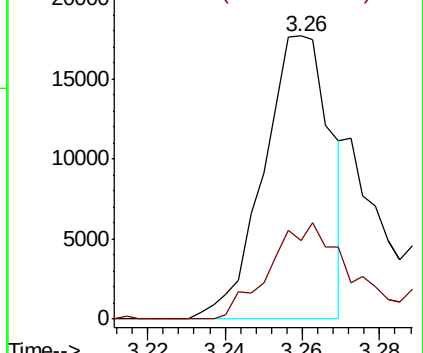
62 100

64 27.8 24.2 36.2



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0



#6

Bromomethane

Concen: 0.427 ppbv

RT: 3.48 min Scan# 216

Delta R.T. 0.00 min

Lab File: VL039220.D

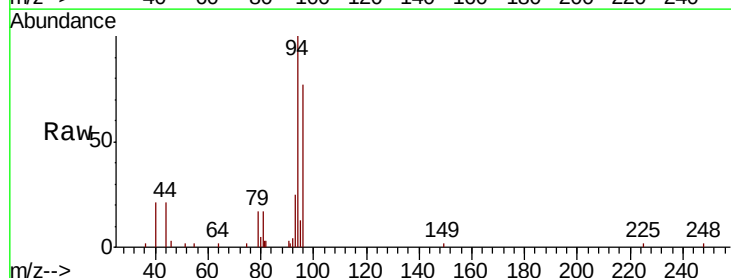
Acq: 7 Jun 2022 22:15

Tgt Ion: 94 Resp: 9036

Ion Ratio Lower Upper

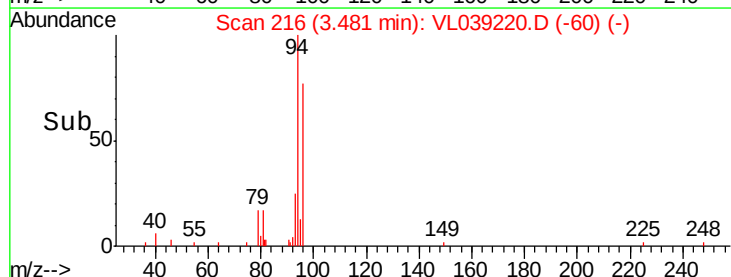
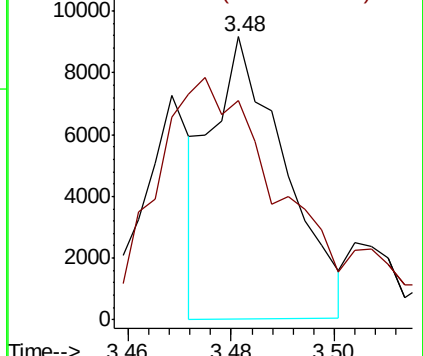
94 100

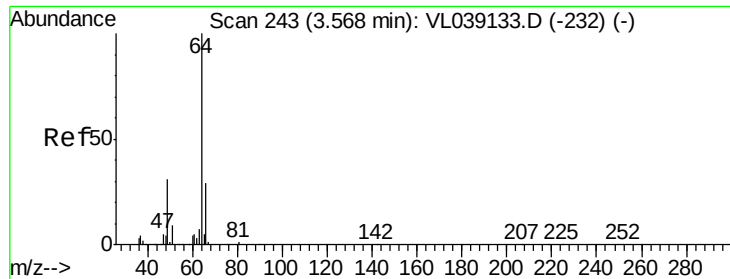
96 73.2 73.0 109.4



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0





#7

Chloroethane

Concen: 0.221 ppbv

RT: 3.56 min Scan# 241

Delta R.T. -0.01 min

Lab File: VL039220.D

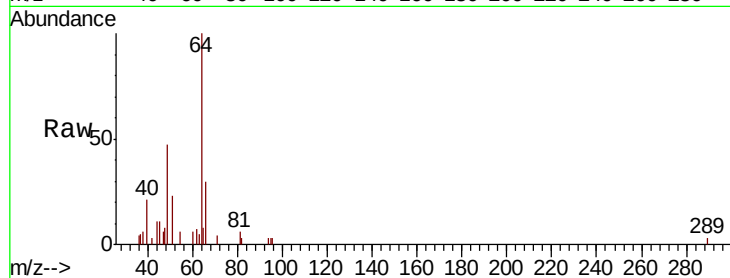
Acq: 7 Jun 2022 22:15

Tot Ion: 64 Resp: 3320

Ion Ratio Lower Upper

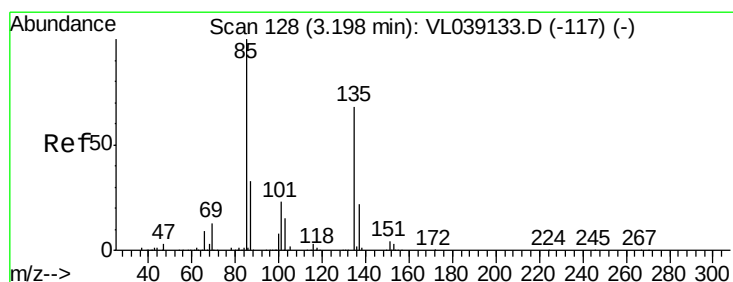
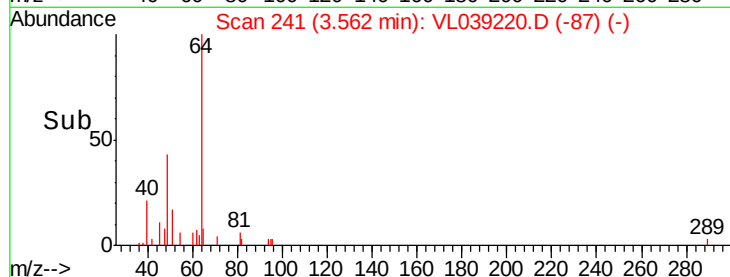
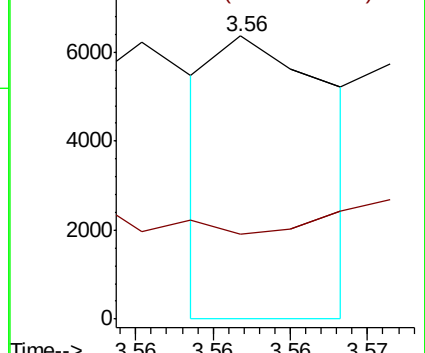
64 100

66 30.0 23.6 35.4



Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0



#8

Dichlorotetrafluoroethane

Concen: 0.729 ppbv

RT: 3.19 min Scan# 126

Delta R.T. -0.01 min

Lab File: VL039220.D

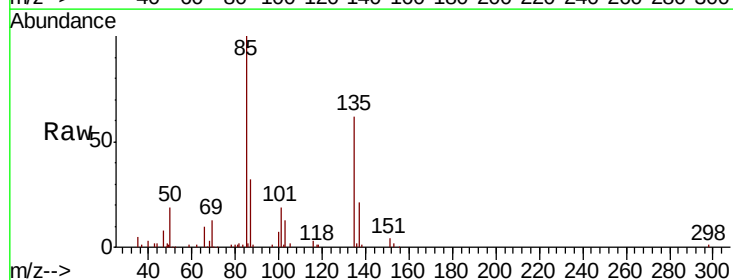
Acq: 7 Jun 2022 22:15

Tgt Ion: 85 Resp: 82479

Ion Ratio Lower Upper

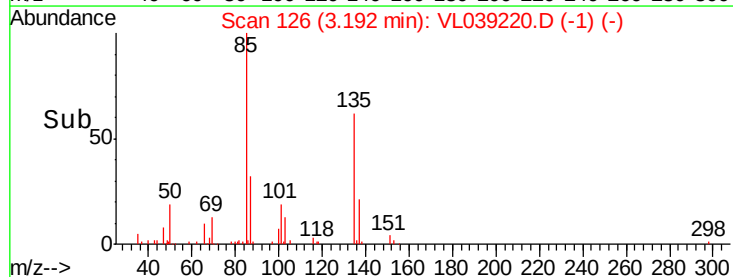
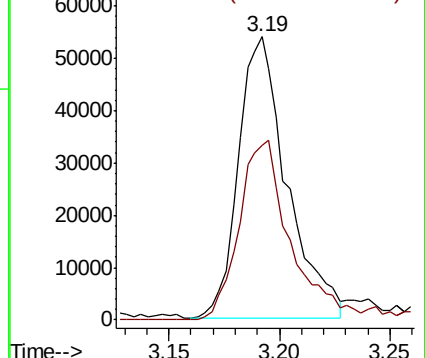
85 100

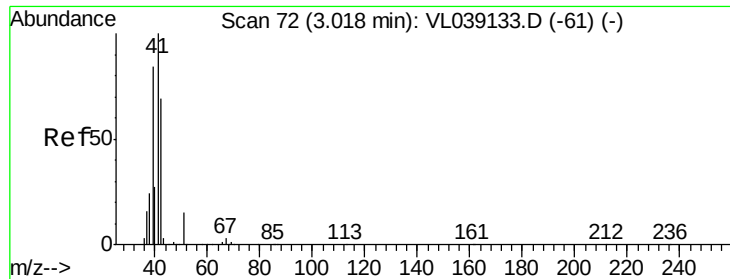
135 70.0 55.0 82.4



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V





#9

Propene

Concen: 0.302 ppbv

RT: 3.01 min Scan# 70

Delta R.T. -0.01 min

Lab File: VL039220.D

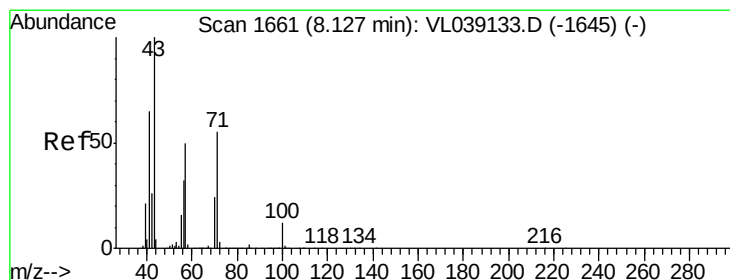
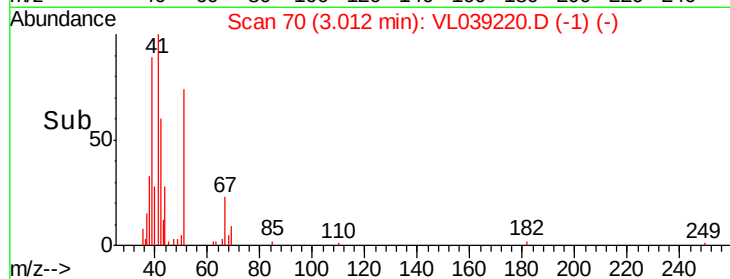
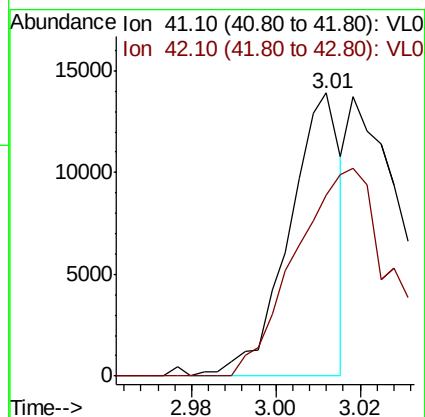
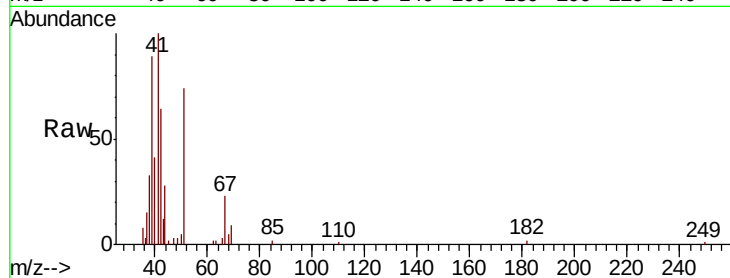
Acq: 7 Jun 2022 22:15

Tot Ion: 41 Resp: 11803

Ion Ratio Lower Upper

41 100

42 0.0 55.4 83.2#



#10

Heptane

Concen: 0.195 ppbv

RT: 8.11 min Scan# 1657

Delta R.T. -0.01 min

Lab File: VL039220.D

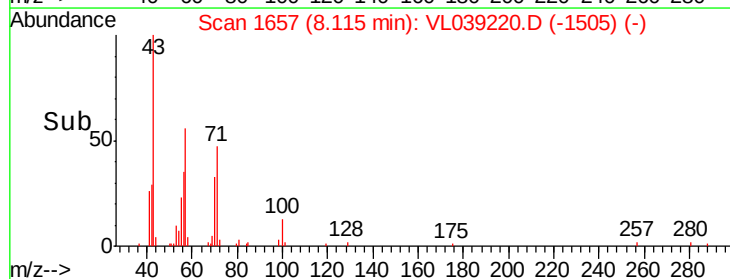
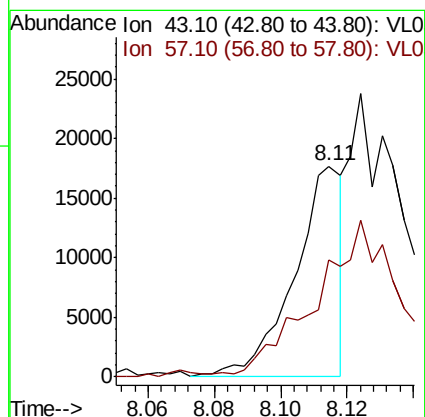
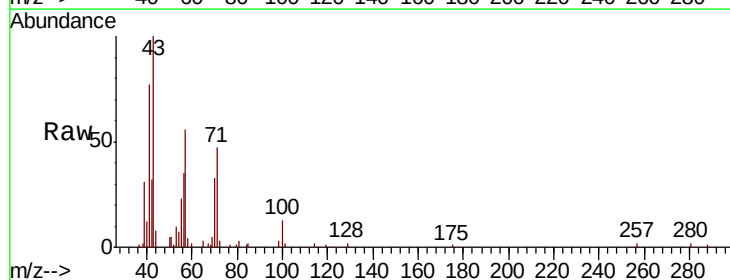
Acq: 7 Jun 2022 22:15

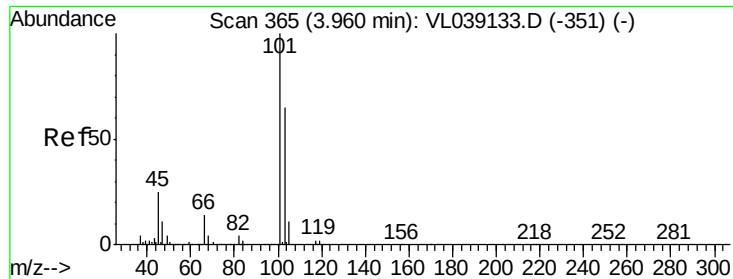
Tgt Ion: 43 Resp: 17802

Ion Ratio Lower Upper

43 100

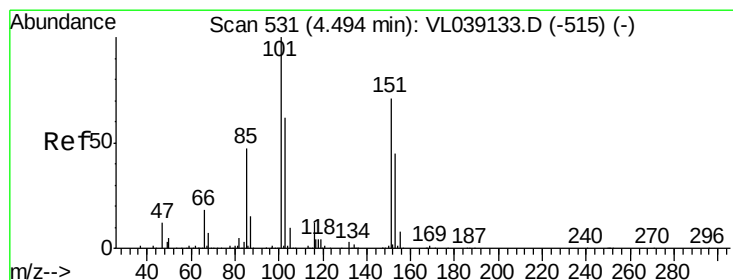
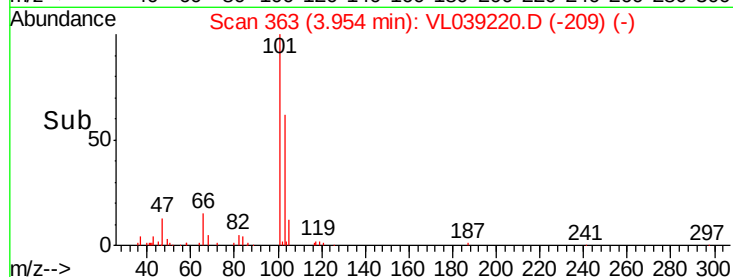
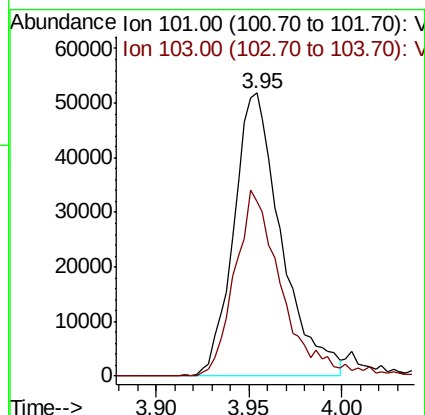
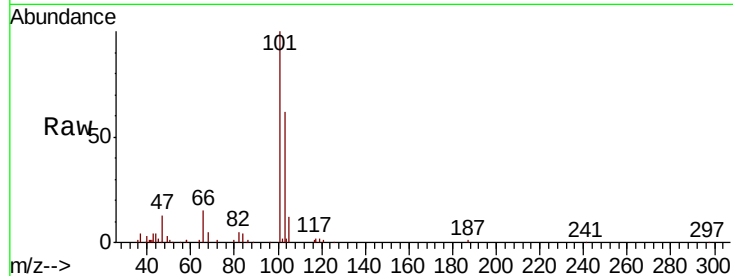
57 0.0 41.4 62.2#





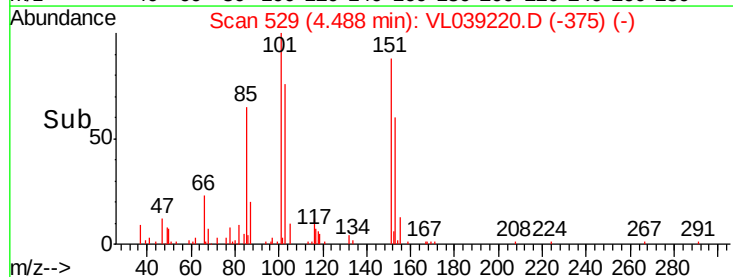
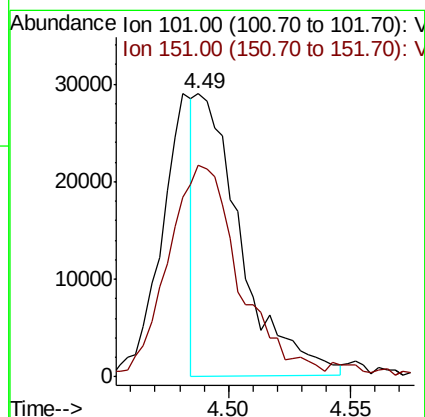
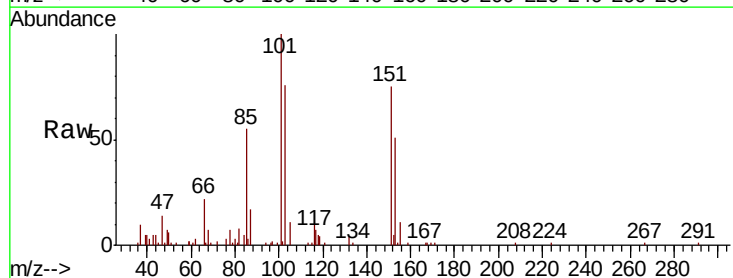
#11
 Trichlorofluoromethane
 Concen: 0.824 ppbv
 RT: 3.95 min Scan# 363
 Delta R.T. -0.01 min
 Lab File: VL039220.D
 Acq: 7 Jun 2022 22:15

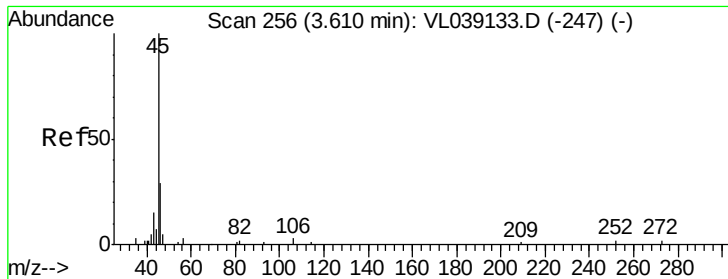
Tot Ion:101 Resp: 92295
 Ion Ratio Lower Upper
 101 100
 103 61.9 51.7 77.5



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.501 ppbv
 RT: 4.49 min Scan# 529
 Delta R.T. -0.01 min
 Lab File: VL039220.D
 Acq: 7 Jun 2022 22:15

Tgt Ion:101 Resp: 37105
 Ion Ratio Lower Upper
 101 100
 151 123.6 59.4 89.0#





#13

Ethanol

Concen: 0.480 ppbv

RT: 3.64 min Scan# 264

Delta R.T. 0.03 min

Lab File: VL039220.D

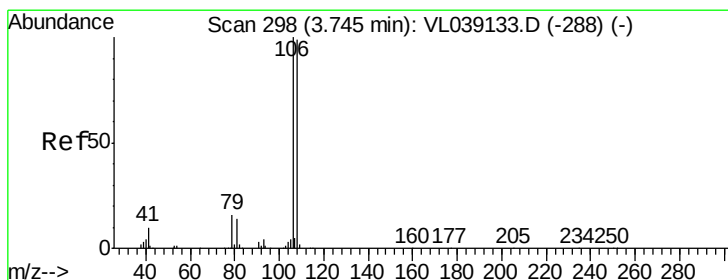
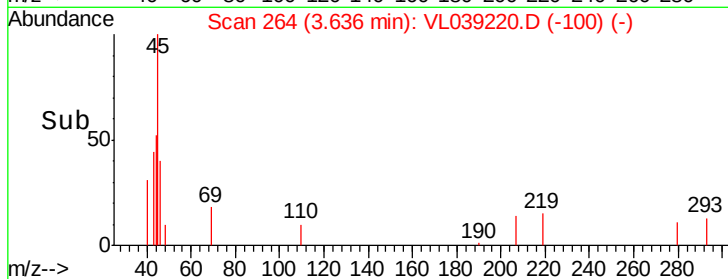
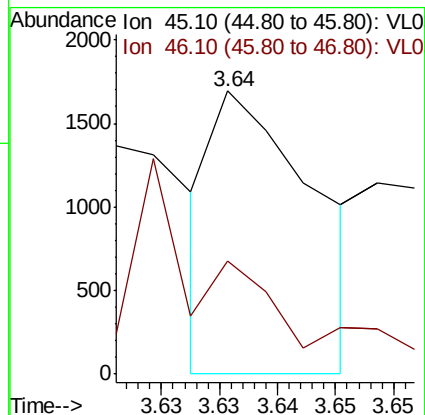
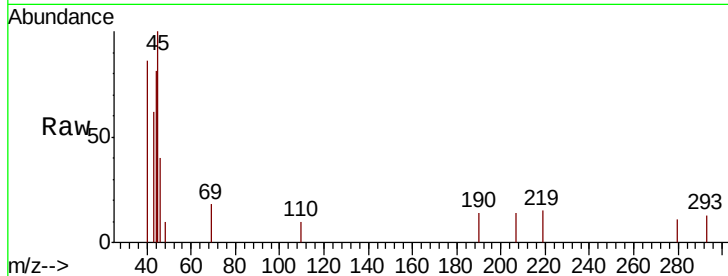
Acq: 7 Jun 2022 22:15

Tot Ion: 45 Resp: 1023

Ion Ratio Lower Upper

45 100

46 218.9 0.0 0.0#



#14

Bromoethene

Concen: 0.341 ppbv

RT: 3.75 min Scan# 299

Delta R.T. 0.00 min

Lab File: VL039220.D

Acq: 7 Jun 2022 22:15

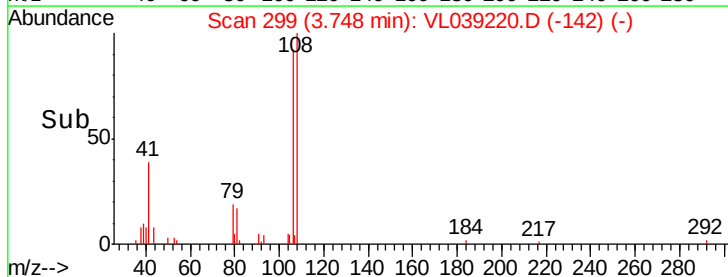
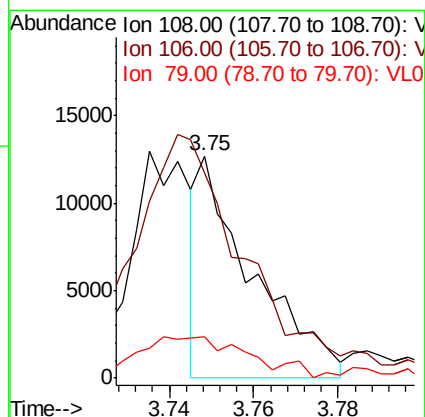
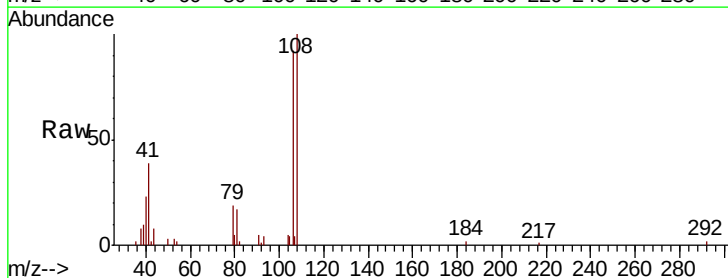
Tgt Ion: 108 Resp: 11345

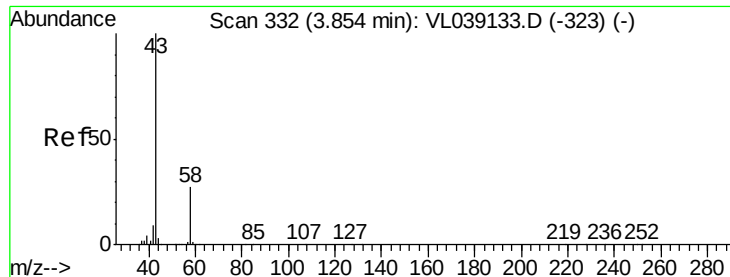
Ion Ratio Lower Upper

108 100

106 237.4 88.4 132.6#

79 44.6 13.4 20.2#





#15

Acetone

Concen: 0.856 ppbv

RT: 3.86 min Scan# 334

Delta R.T. 0.01 min

Lab File: VL039220.D

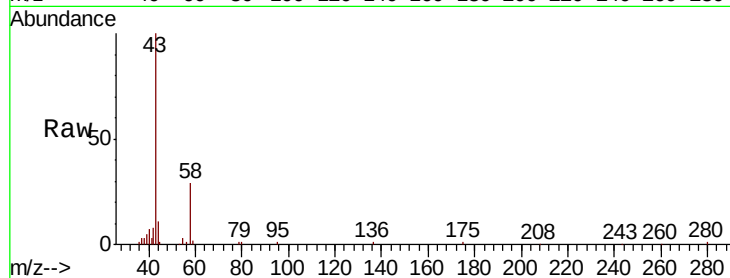
Acq: 7 Jun 2022 22:15

Tot Ion: 43 Resp: 62781

Ion Ratio Lower Upper

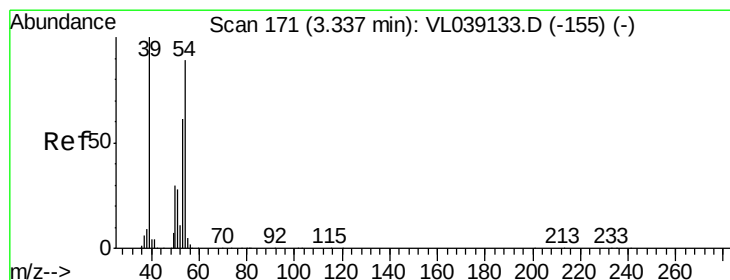
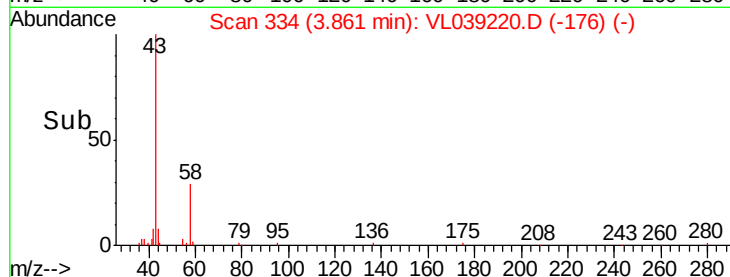
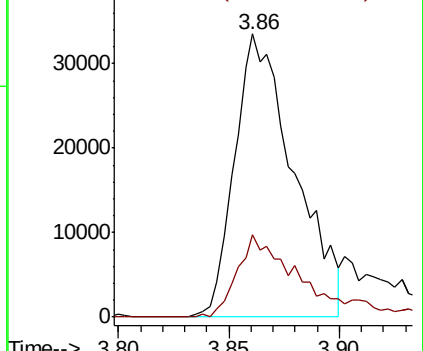
43 100

58 33.1 22.5 33.7



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#16

1,3-Butadiene

Concen: 0.665 ppbv

RT: 3.33 min Scan# 169

Delta R.T. -0.01 min

Lab File: VL039220.D

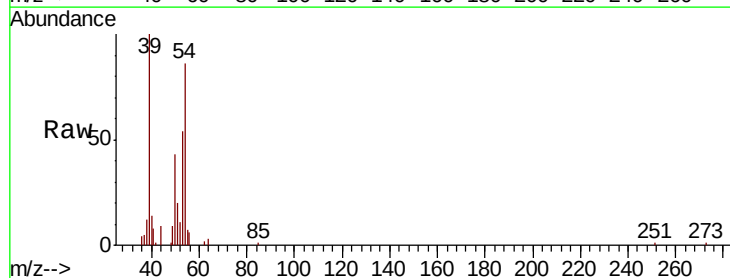
Acq: 7 Jun 2022 22:15

Tgt Ion: 39 Resp: 26217

Ion Ratio Lower Upper

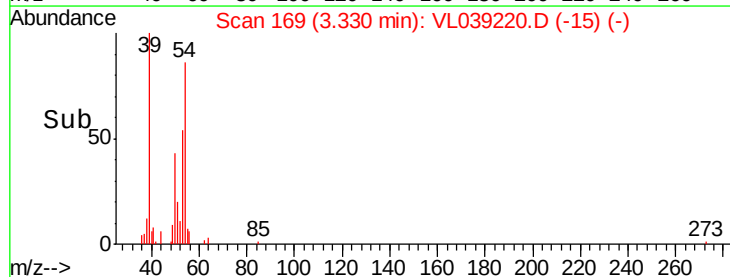
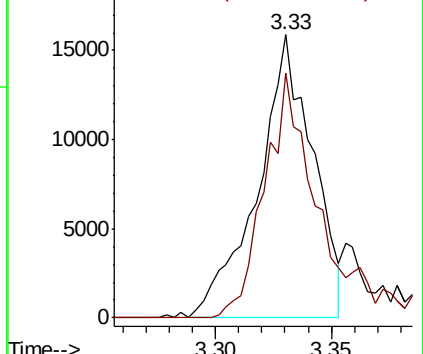
39 100

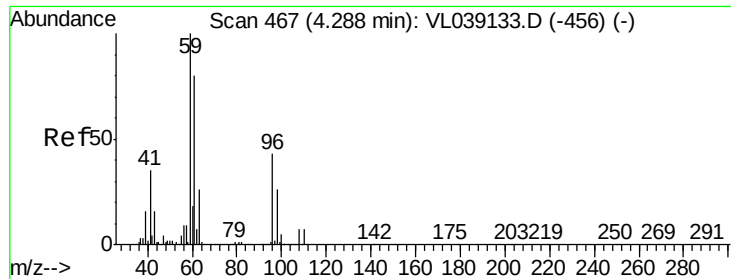
54 87.9 65.8 98.6



Abundance Ion 39.10 (38.80 to 39.80): VL0

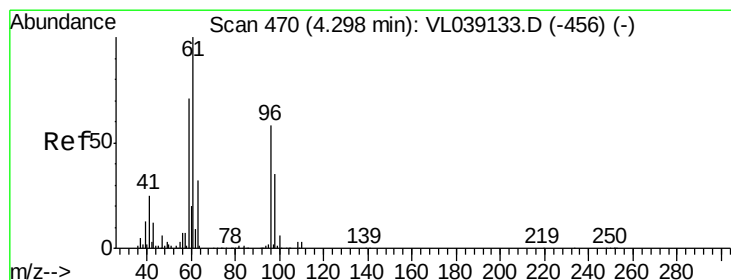
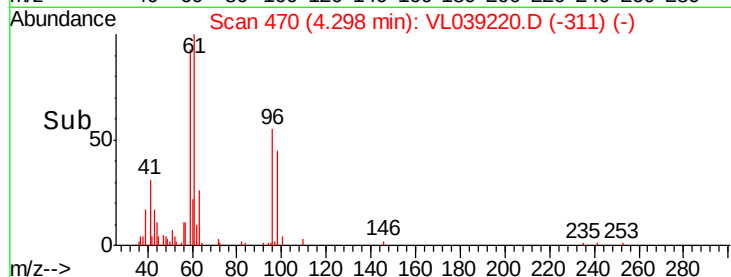
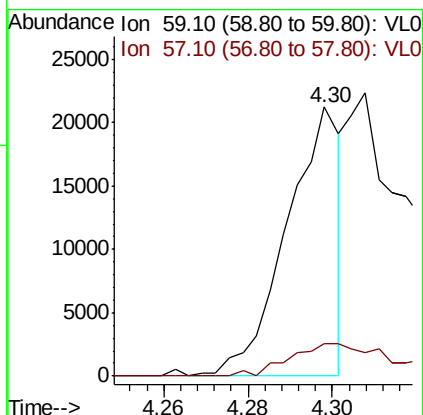
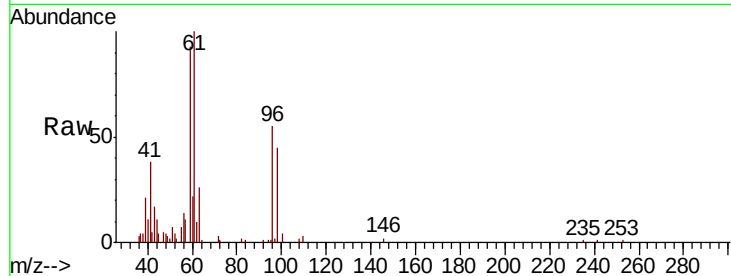
Ion 54.10 (53.80 to 54.80): VL0





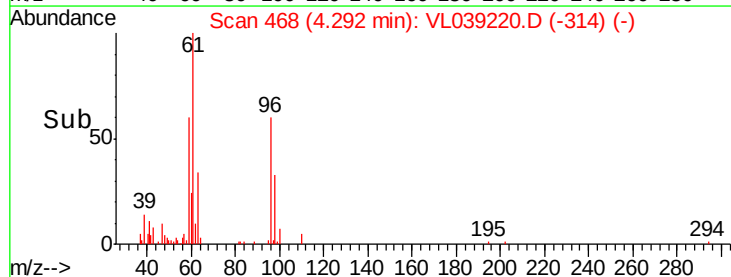
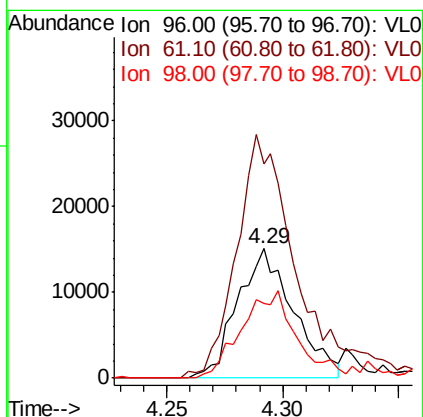
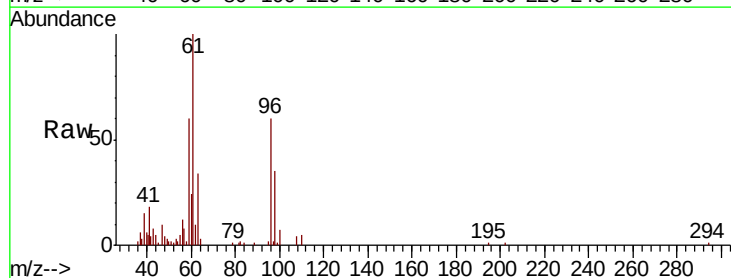
#17
tert-Butyl alcohol
Concen: 0.330 ppbv
RT: 4.30 min Scan# 470
Delta R.T. 0.01 min
Lab File: VL039220.D
Acq: 7 Jun 2022 22:15

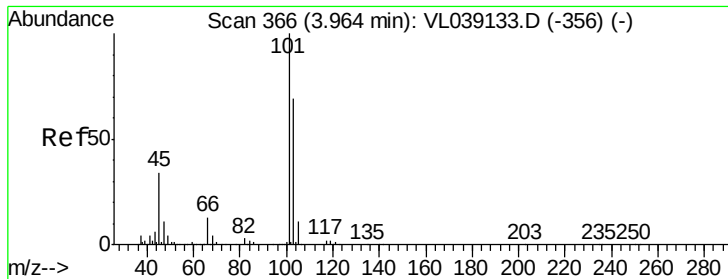
Tot Ion: 59 Resp: 18762
Ion Ratio Lower Upper
59 100
57 27.9 9.1 13.7#



#18
1,1-Dichloroethene
Concen: 0.766 ppbv
RT: 4.29 min Scan# 468
Delta R.T. -0.01 min
Lab File: VL039220.D
Acq: 7 Jun 2022 22:15

Tgt Ion: 96 Resp: 25466
Ion Ratio Lower Upper
96 100
61 160.8 138.4 207.6
98 57.8 47.8 71.8





#19

Isopropyl Alcohol

Concen: 0.819 ppbv

RT: 3.97 min Scan# 369

Delta R.T. 0.01 min

Lab File: VL039220.D

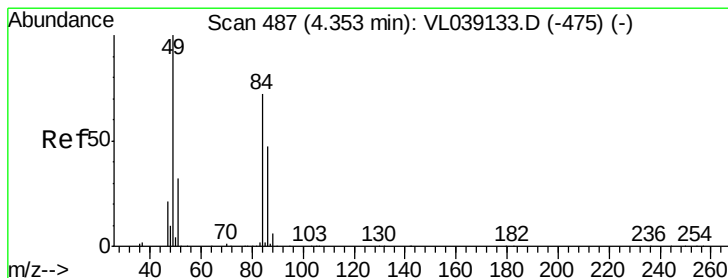
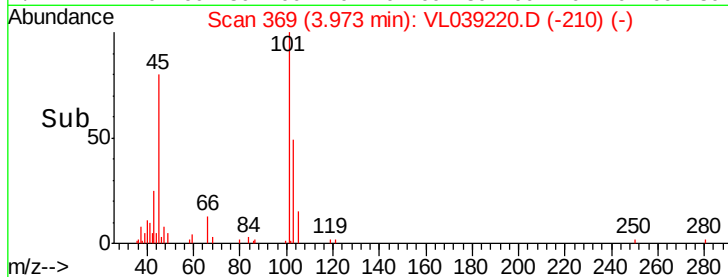
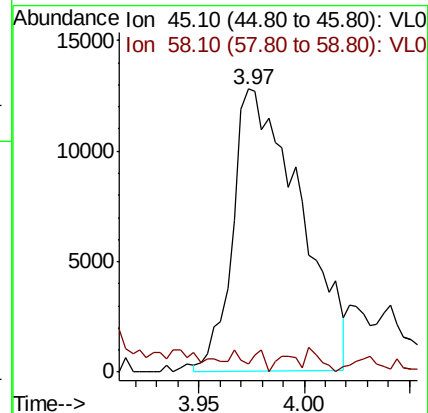
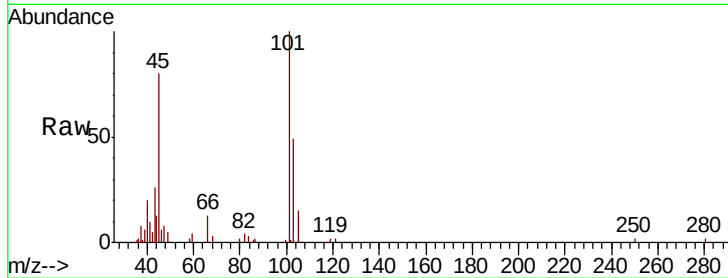
Acq: 7 Jun 2022 22:15

Tot Ion: 45 Resp: 28194

Ion Ratio Lower Upper

45 100

58 6.7 1.8 2.8#



#20

Methylene Chloride

Concen: 0.877 ppbv

RT: 4.35 min Scan# 485

Delta R.T. -0.01 min

Lab File: VL039220.D

Acq: 7 Jun 2022 22:15

Tgt Ion: 84 Resp: 27129

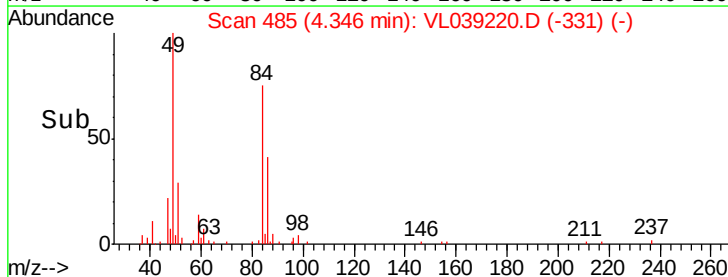
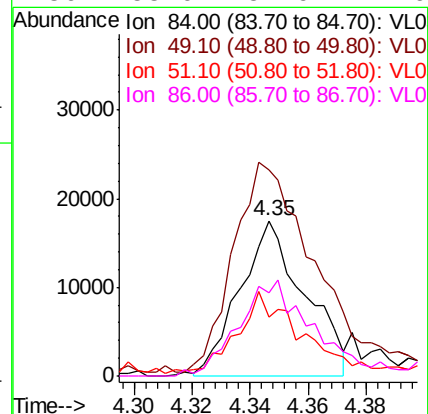
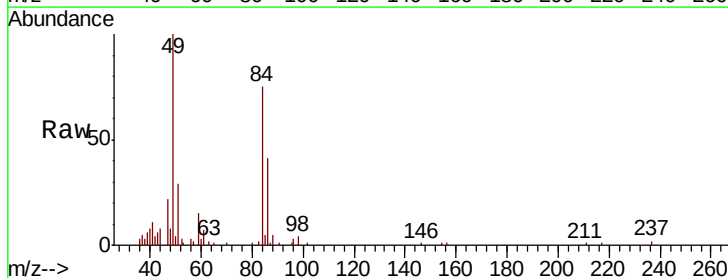
Ion Ratio Lower Upper

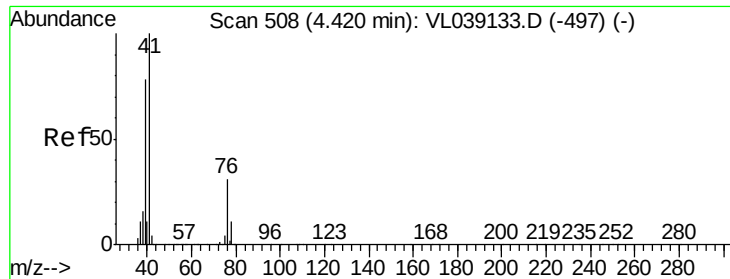
84 100

49 124.9 111.1 166.7

51 34.4 35.3 52.9#

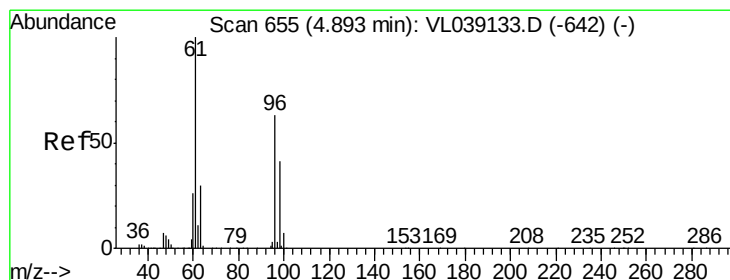
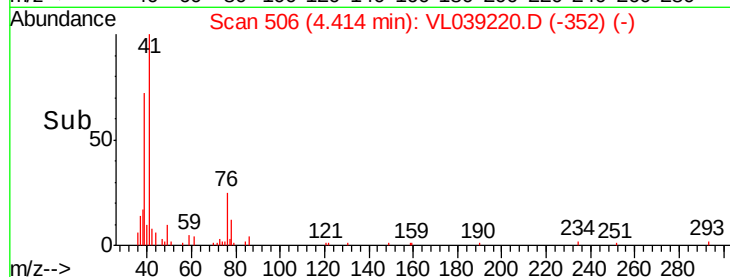
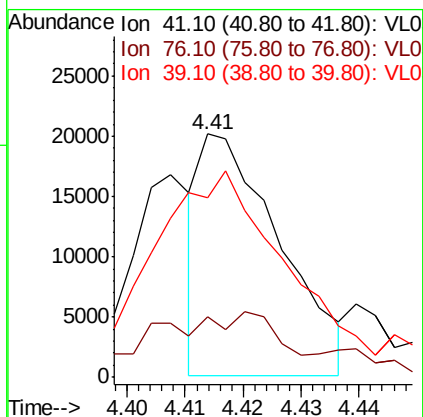
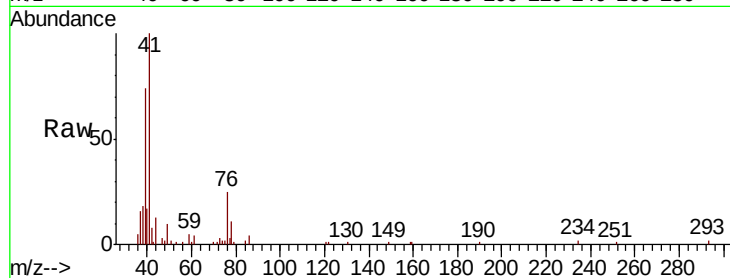
86 53.0 51.9 77.9





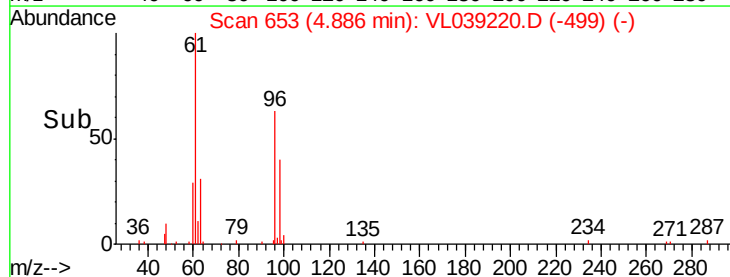
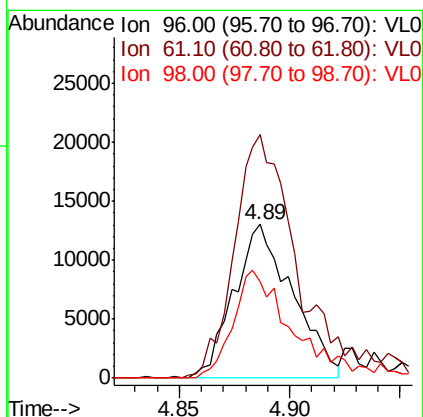
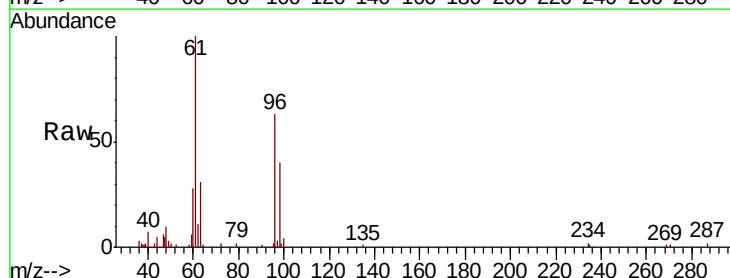
#21
Allvl Chloride
Concen: 0.386 ppbv
RT: 4.41 min Scan# 506
Delta R.T. -0.01 min
Lab File: VL039220.D
Acq: 7 Jun 2022 22:15

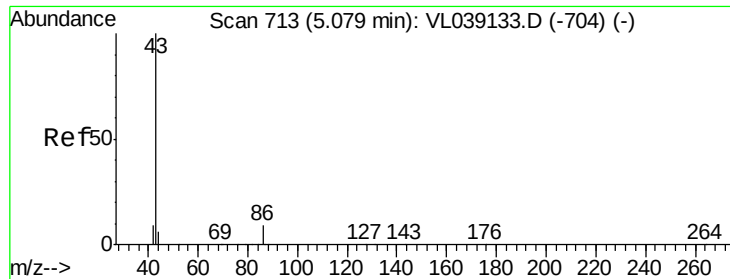
Tot Ion: 41 Resp: 19087
Ion Ratio Lower Upper
41 100
76 56.7 24.2 36.2#
39 186.8 62.2 93.2#



#22
trans-1,2-Dichloroethene
Concen: 0.755 ppbv
RT: 4.89 min Scan# 653
Delta R.T. -0.01 min
Lab File: VL039220.D
Acq: 7 Jun 2022 22:15

Tgt Ion: 96 Resp: 24142
Ion Ratio Lower Upper
96 100
61 156.6 126.6 190.0
98 62.8 52.5 78.7





#23

Vinyl Acetate

Concen: 0.321 ppbv

RT: 5.08 min Scan# 712

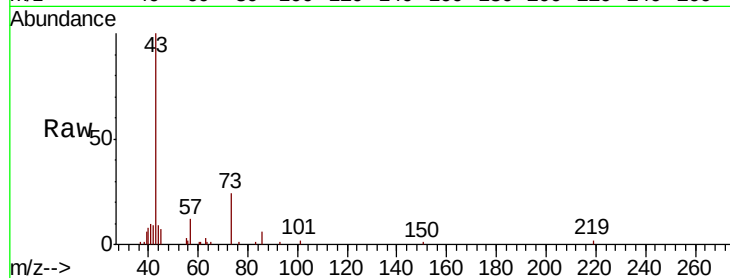
Delta R.T. -0.00 min

Lab File: VL039220.D

Acq: 7 Jun 2022 22:15

Tot Ion: 43 Resp: 19501

Ion	Ratio	Lower	Upper
43	100		
86	8.6	6.0	9.0
42	7.9	8.2	12.4#
44	0.0	4.3	6.5#

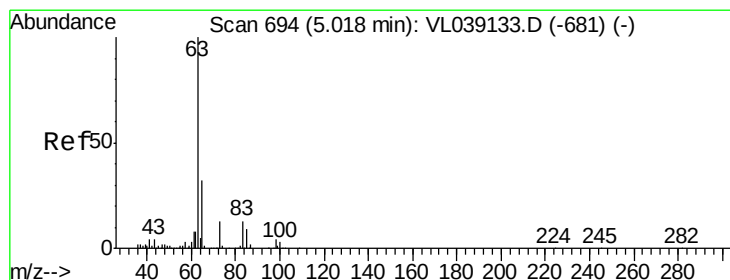
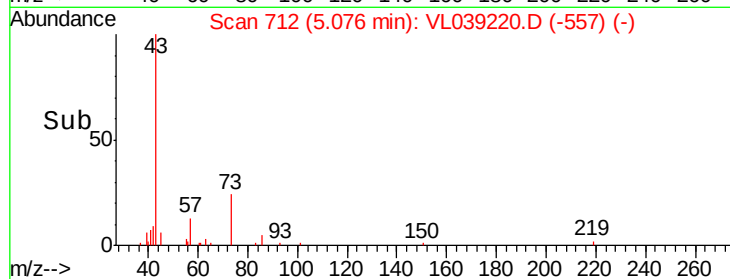
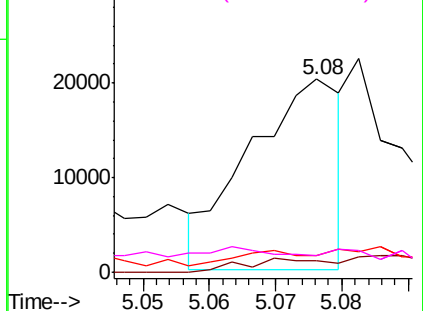


Abundance Ion 43.10 (42.80 to 43.80): VL0

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



#24

1,1-Dichloroethane

Concen: 0.638 ppbv

RT: 5.01 min Scan# 692

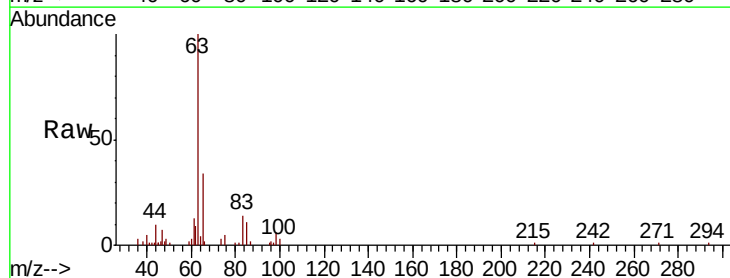
Delta R.T. -0.01 min

Lab File: VL039220.D

Acq: 7 Jun 2022 22:15

Tgt Ion: 63 Resp: 53048

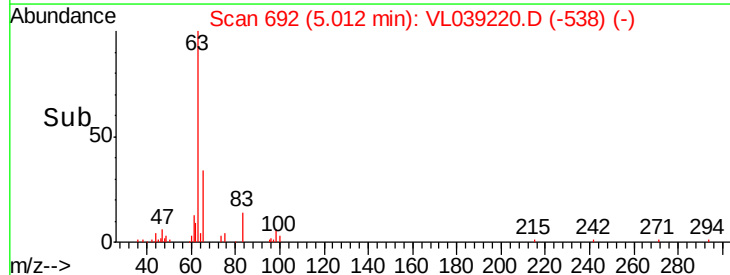
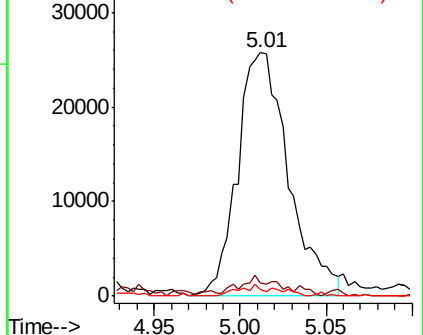
Ion	Ratio	Lower	Upper
63	100		
98	3.1	2.1	6.2
100	2.9	1.5	4.5

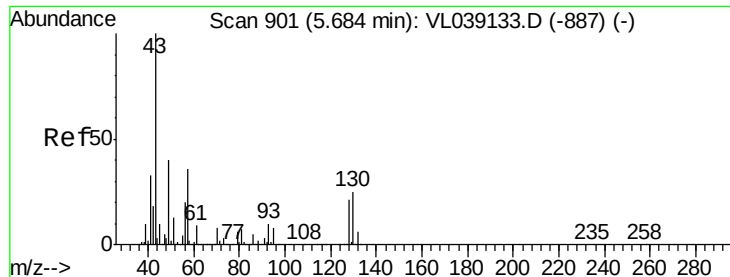


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

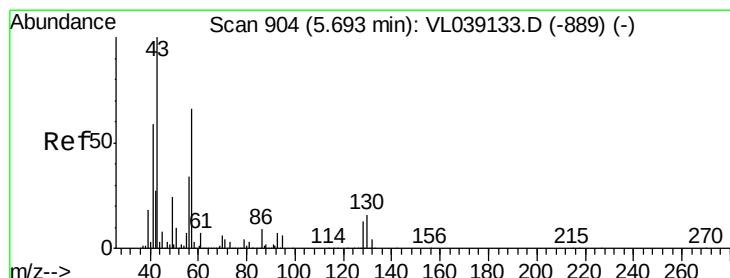
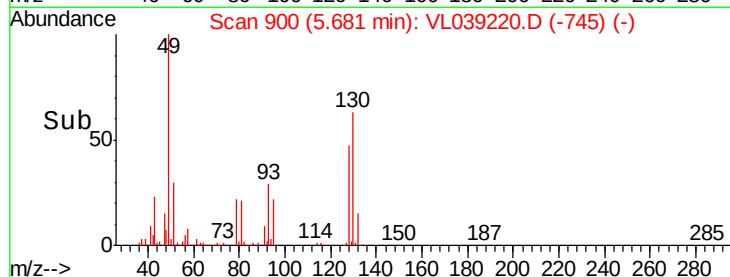
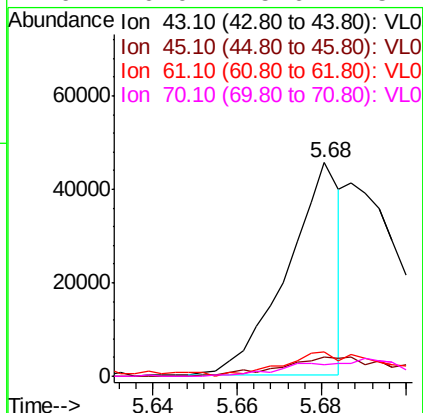
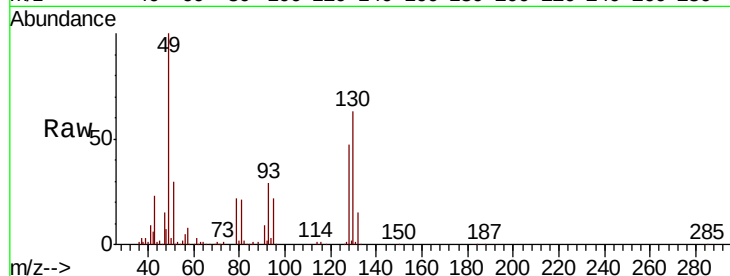
Ion 100.00 (99.70 to 100.70): VL0





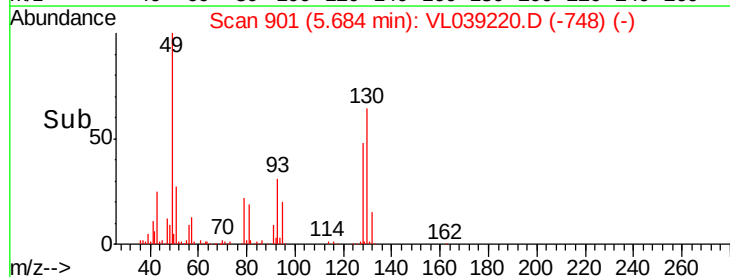
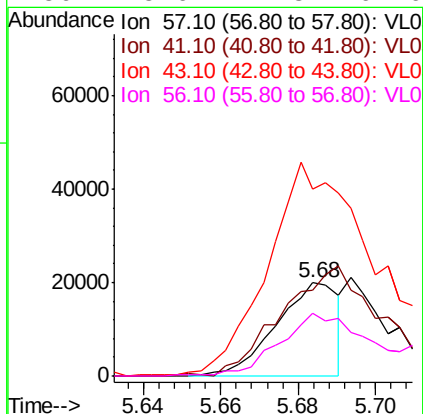
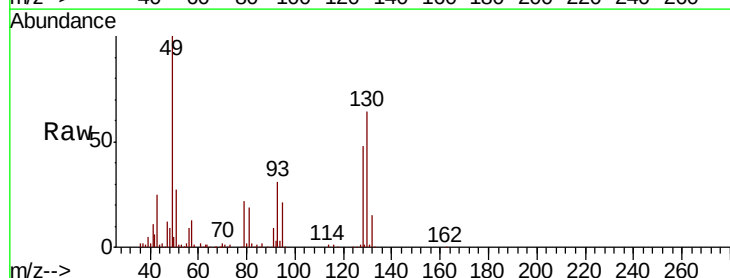
#25
Ethyl Acetate
Concen: 0.239 ppbv
RT: 5.68 min Scan# 900
Delta R.T. -0.00 min
Lab File: VL039220.D
Acq: 7 Jun 2022 22:15

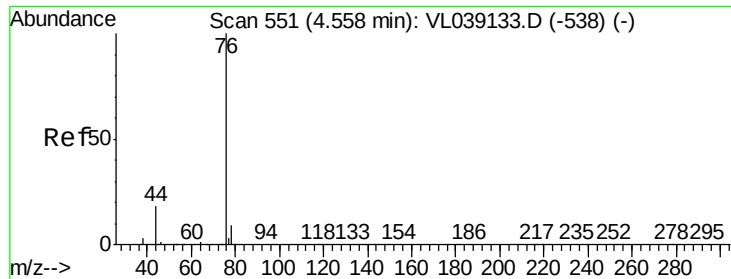
Tot Ion:	43	Resp:	39462
Ion	Ratio	Lower	Upper
43	100		
45	0.0	8.2	12.2#
61	27.3	8.4	12.6#
70	0.0	5.6	8.4#



#26
Hexane
Concen: 0.308 ppbv
RT: 5.68 min Scan# 901
Delta R.T. -0.01 min
Lab File: VL039220.D
Acq: 7 Jun 2022 22:15

Tgt Ion:	57	Resp:	22402
Ion	Ratio	Lower	Upper
57	100		
41	0.0	72.4	108.6#
43	463.6	187.0	280.6#
56	115.6	41.8	62.6#





#27

Carbon Disulfide

Concen: 0.632 ppbv

RT: 4.56 min Scan# 550

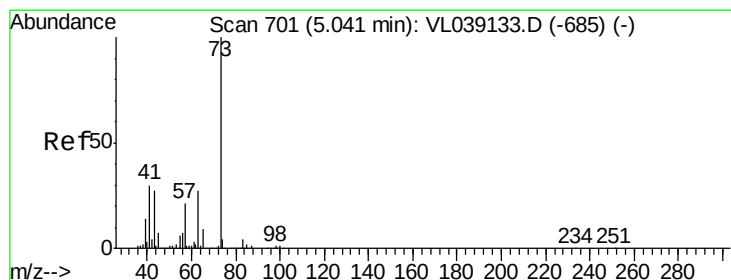
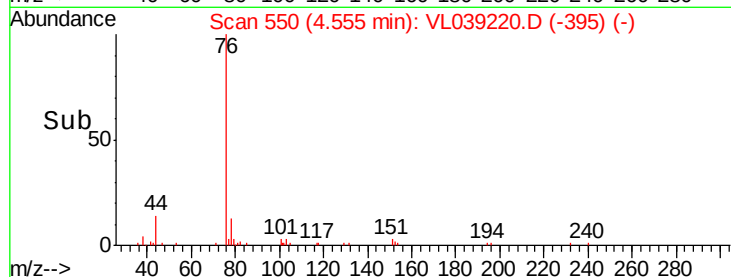
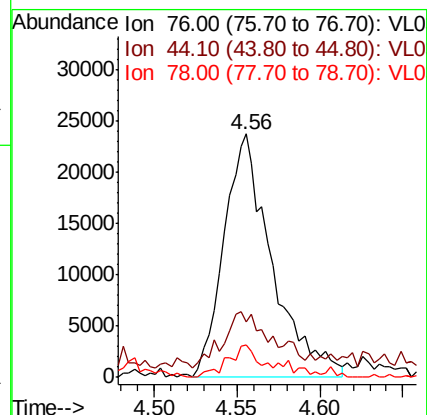
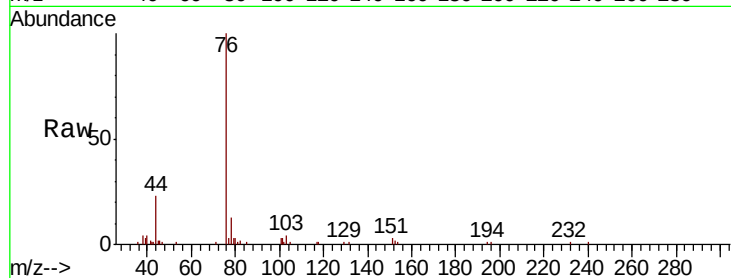
Delta R.T. -0.00 min

Lab File: VL039220.D

Acq: 7 Jun 2022 22:15

Tot Ion: 76 Resp: 47614

Ion	Ratio	Lower	Upper
76	100		
44	30.2	14.4	21.6#
78	12.6	7.7	11.5#



#28

Methyl tert-Butyl Ether

Concen: 0.568 ppbv

RT: 5.05 min Scan# 703

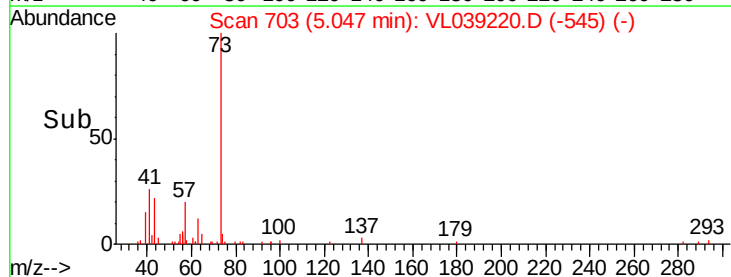
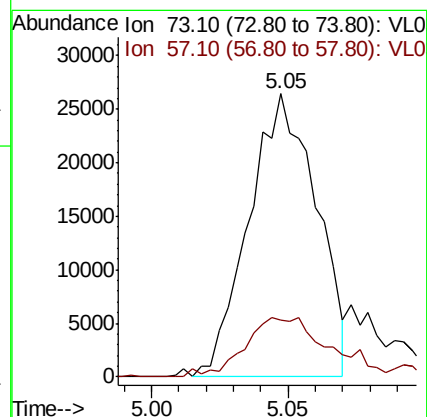
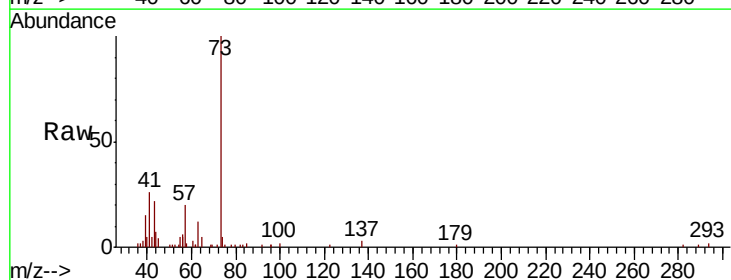
Delta R.T. 0.01 min

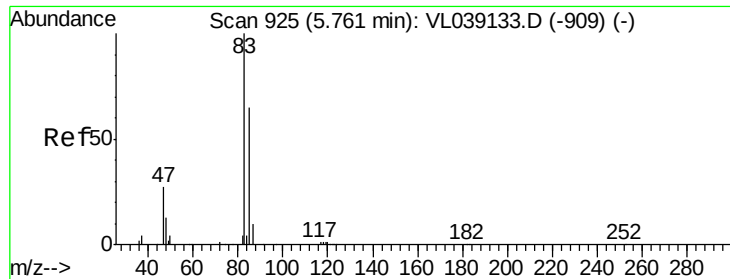
Lab File: VL039220.D

Acq: 7 Jun 2022 22:15

Tgt Ion: 73 Resp: 45541

Ion	Ratio	Lower	Upper
73	100		
57	28.2	18.6	27.8#





#29

Chloroform

Concen: 0.611 ppbv

RT: 5.75 min Scan# 921

Delta R.T. -0.01 min

Lab File: VL039220.D

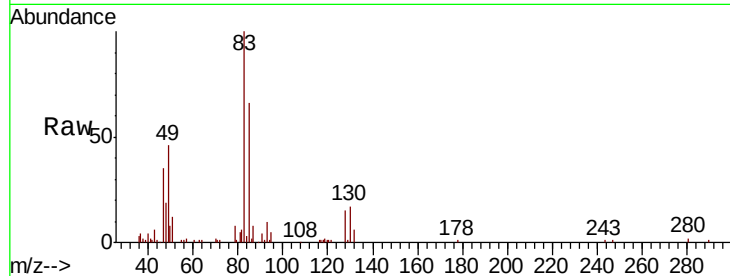
Acq: 7 Jun 2022 22:15

Tot Ion: 83 Resp: 74763

Ion Ratio Lower Upper

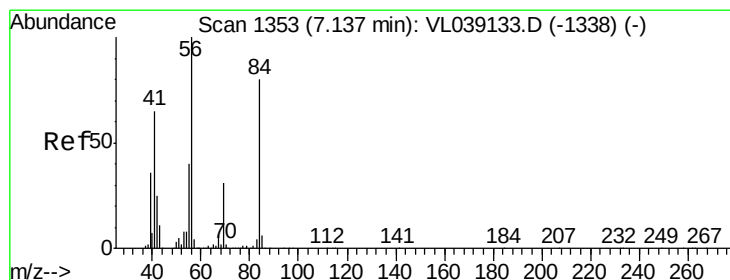
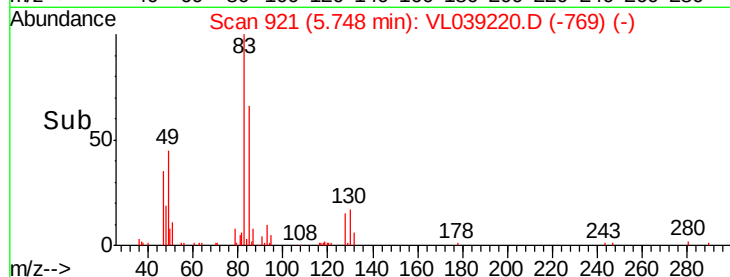
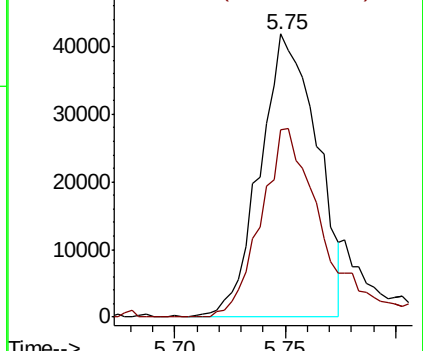
83 100

85 66.4 52.4 78.6



Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0



#30

Cyclohexane

Concen: 0.457 ppbv

RT: 7.13 min Scan# 1351

Delta R.T. -0.01 min

Lab File: VL039220.D

Acq: 7 Jun 2022 22:15

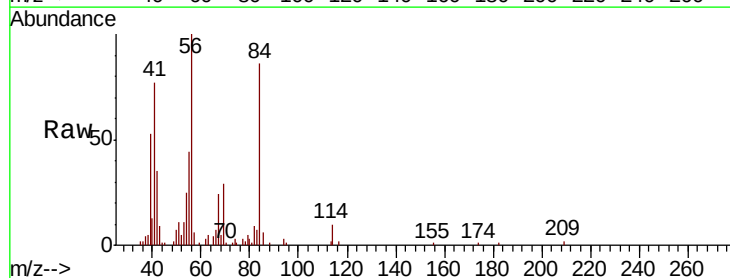
Tgt Ion: 84 Resp: 27916

Ion Ratio Lower Upper

84 100

56 130.4 110.6 165.8

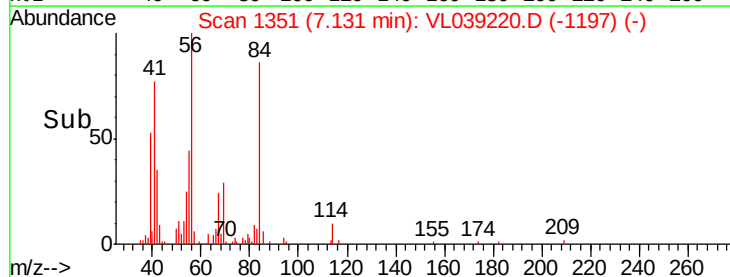
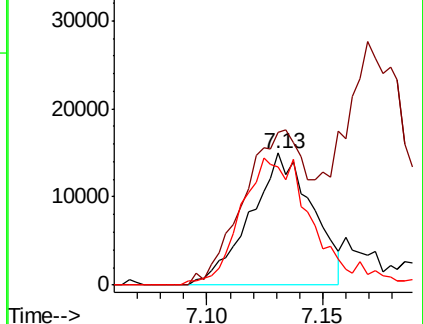
41 113.7 68.9 103.3#

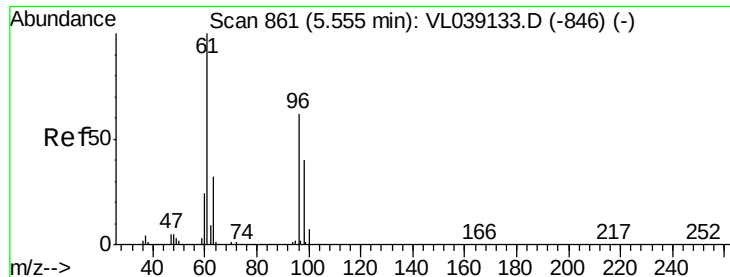


Abundance Ion 84.20 (83.90 to 84.90): VL0

Ion 56.10 (55.80 to 56.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

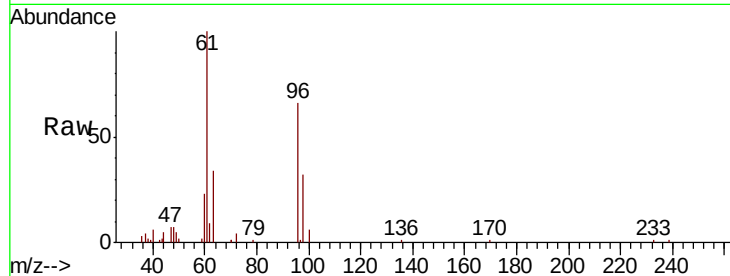




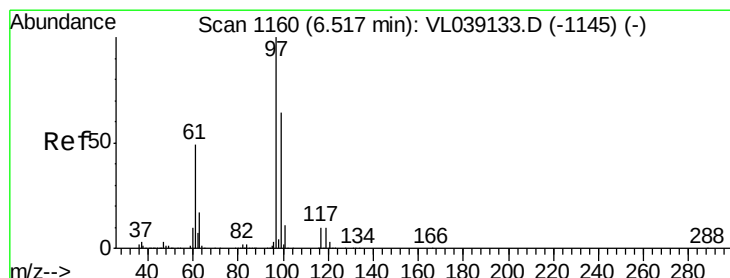
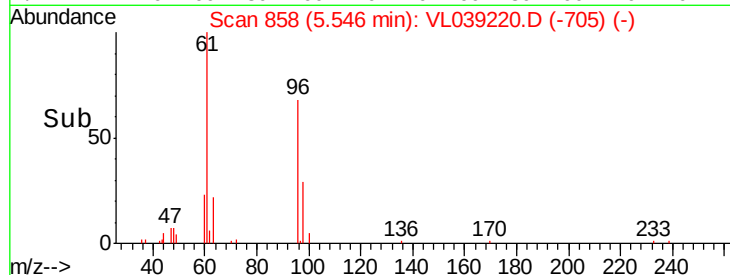
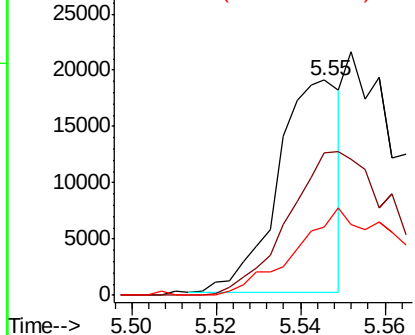
#31

cis-1,2-Dichloroethene
 Concen: 0.262 ppbv
 RT: 5.55 min Scan# 858
 Delta R.T. -0.01 min
 Lab File: VL039220.D
 Acq: 7 Jun 2022 22:15

Tot Ion:	61	Resp:	19409
Ion	Ratio	Lower	Upper
61	100		
96	67.4	49.9	74.9
98	32.0	32.0	48.0



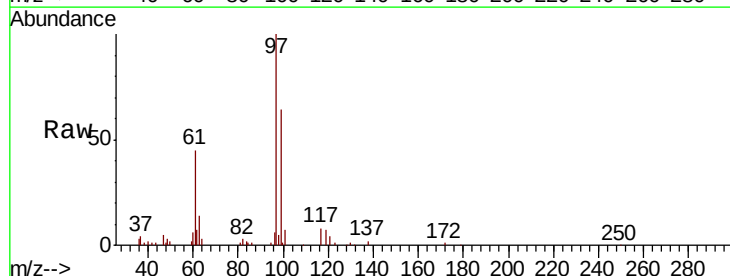
Abundance Ion 61.10 (60.80 to 61.80): VL0
 Ion 96.00 (95.70 to 96.70): VL0
 Ion 98.00 (97.70 to 98.70): VL0



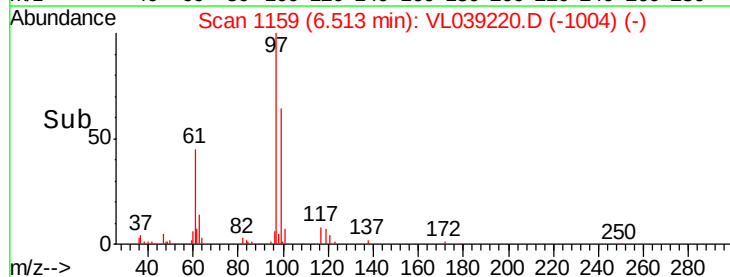
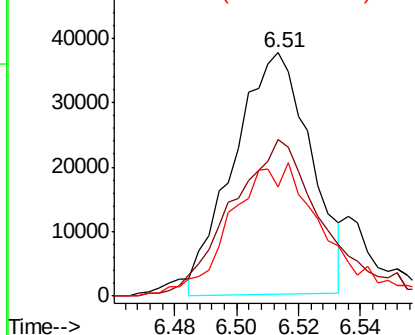
#32

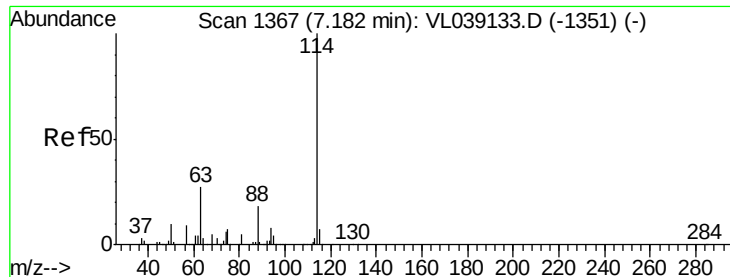
1,1,1-Trichloroethane
 Concen: 0.540 ppbv
 RT: 6.51 min Scan# 1159
 Delta R.T. -0.00 min
 Lab File: VL039220.D
 Acq: 7 Jun 2022 22:15

Tgt Ion:	97	Resp:	64663
Ion	Ratio	Lower	Upper
97	100		
99	79.1	52.1	78.1#
61	67.8	40.0	60.0#



Abundance Ion 97.00 (96.70 to 97.70): VL0
 Ion 99.00 (98.70 to 99.70): VL0
 Ion 61.10 (60.80 to 61.80): VL0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.18 min Scan# 1365

Delta R.T. -0.01 min

Lab File: VL039220.D

Acq: 7 Jun 2022 22:15

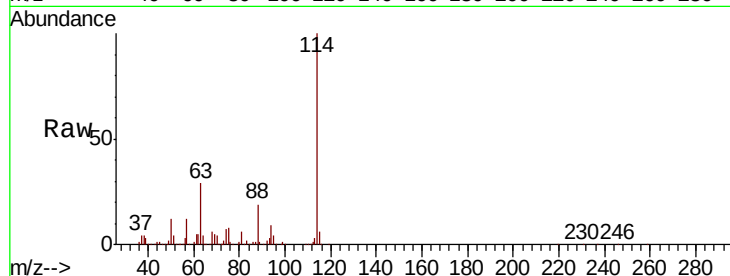
Tot Ion:114 Resp: 1658560

Ion Ratio Lower Upper

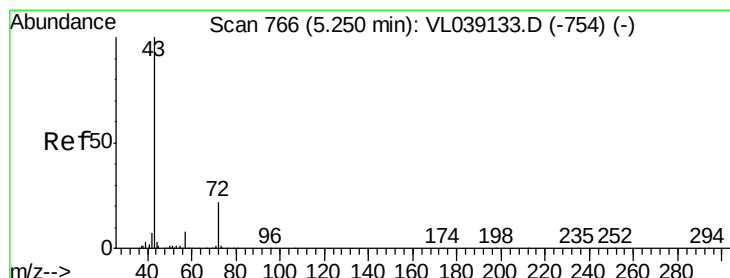
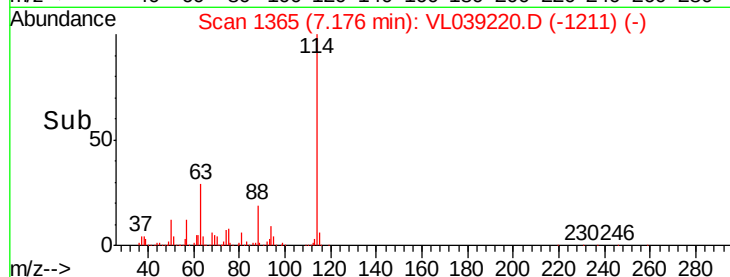
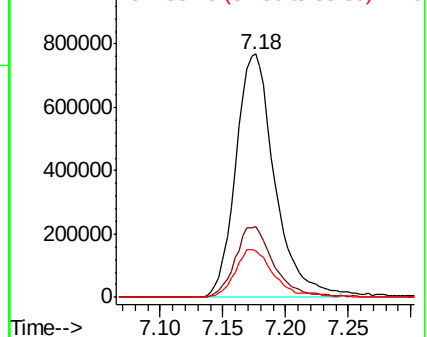
114 100

63 29.6 21.7 32.5

88 19.8 14.8 22.2



Abundance Ion 114.10 (113.80 to 114.80): VL0
Ion 63.10 (62.80 to 63.80): VL0
Ion 88.10 (87.80 to 88.80): VL0



#34

2-Butanone

Concen: 0.583 ppbv

RT: 5.26 min Scan# 768

Delta R.T. 0.01 min

Lab File: VL039220.D

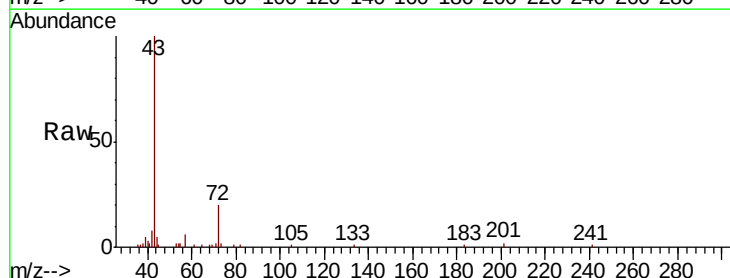
Acq: 7 Jun 2022 22:15

Tgt Ion: 43 Resp: 52539

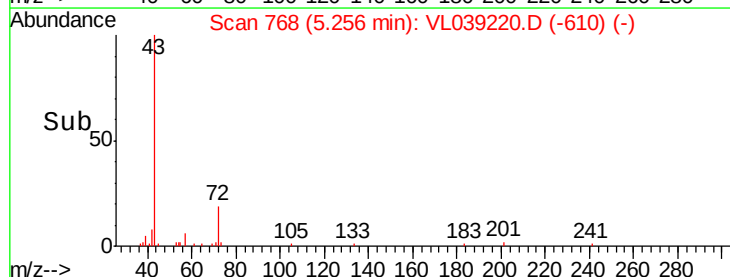
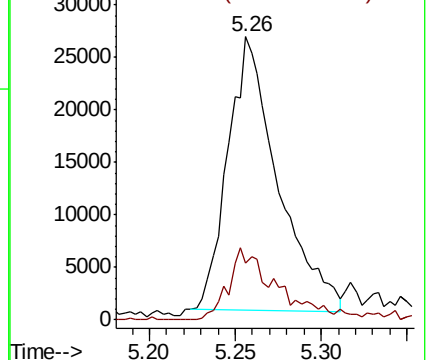
Ion Ratio Lower Upper

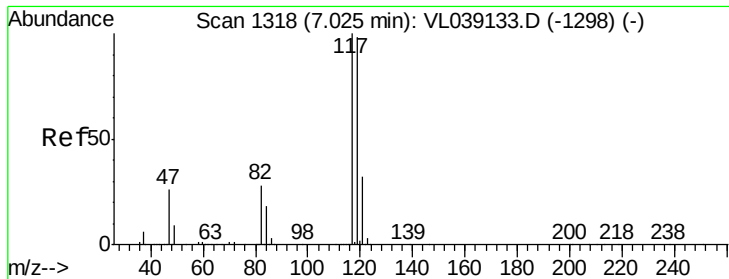
43 100

72 25.9 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: 0.370 ppbv

RT: 7.02 min Scan# 1315

Delta R.T. -0.01 min

Lab File: VL039220.D

Acq: 7 Jun 2022 22:15

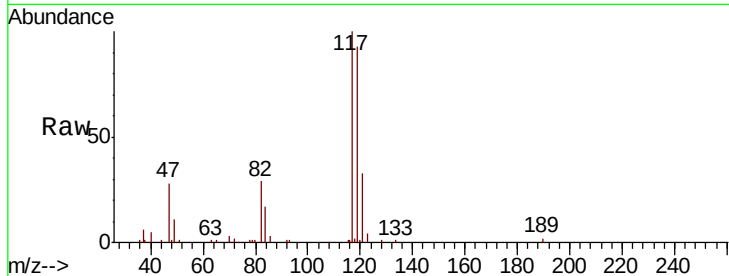
Tot Ion:117 Resp: 44796

Ion Ratio Lower Upper

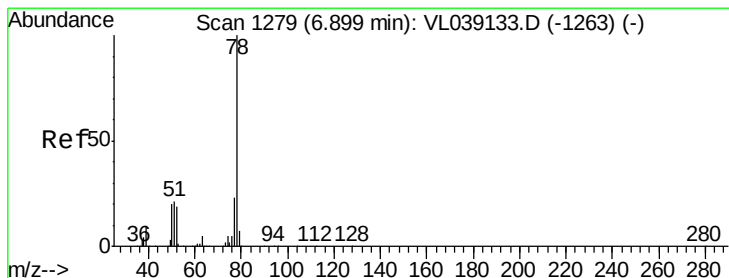
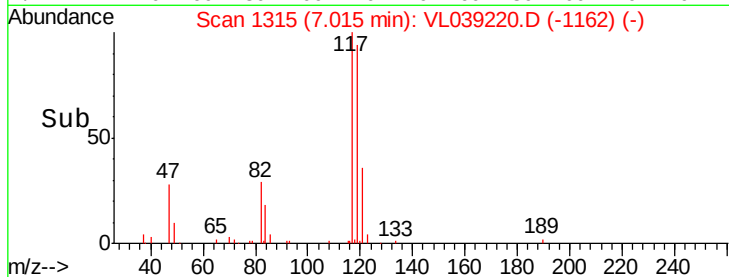
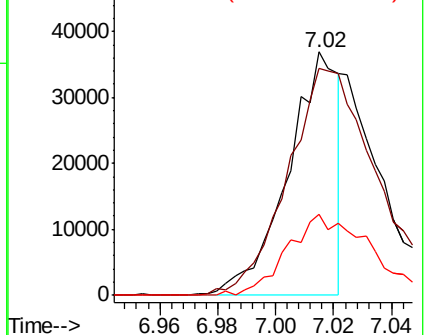
117 100

119 93.3 78.6 118.0

121 33.2 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: 0.558 ppbv

RT: 6.89 min Scan# 1276

Delta R.T. -0.01 min

Lab File: VL039220.D

Acq: 7 Jun 2022 22:15

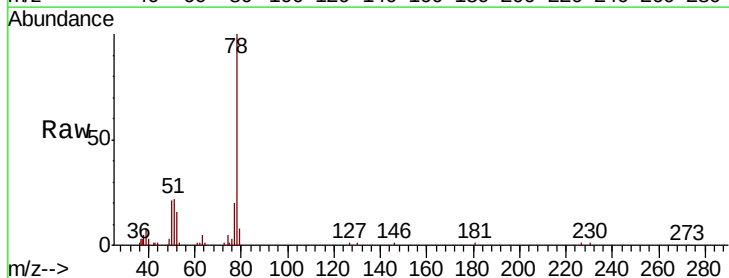
Tgt Ion: 78 Resp: 75194

Ion Ratio Lower Upper

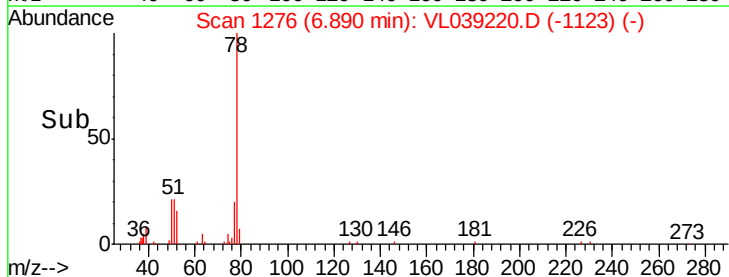
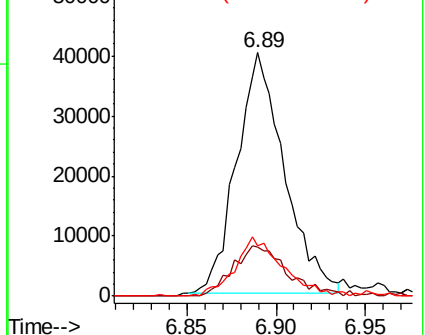
78 100

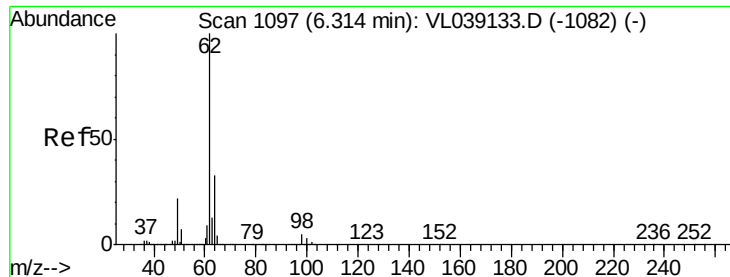
77 20.2 18.6 27.8

50 20.9 15.8 23.8



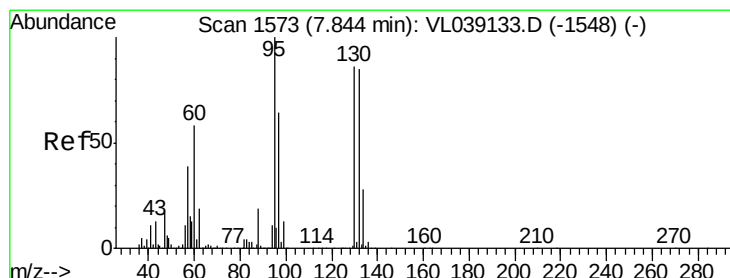
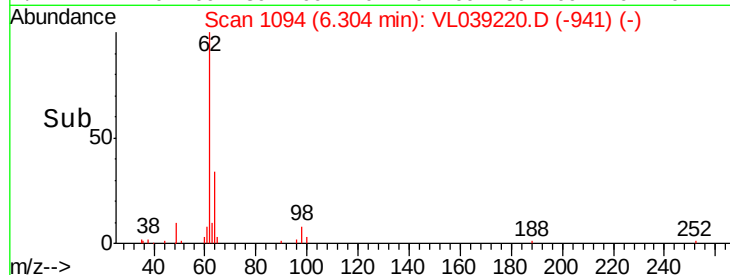
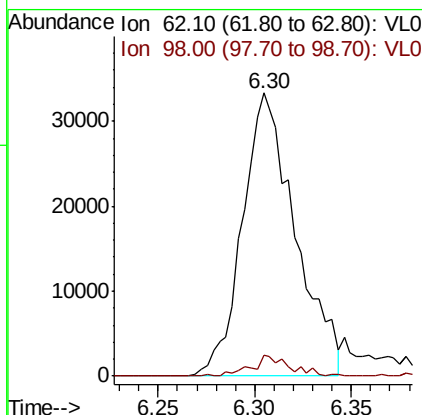
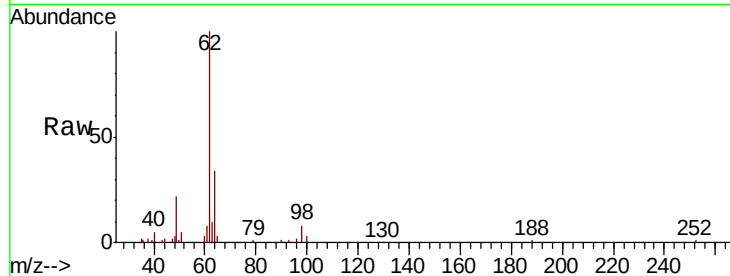
Abundance Ion 78.10 (77.80 to 78.80): VL0
Ion 77.10 (76.80 to 77.80): VL0
Ion 50.10 (49.80 to 50.80): VL0





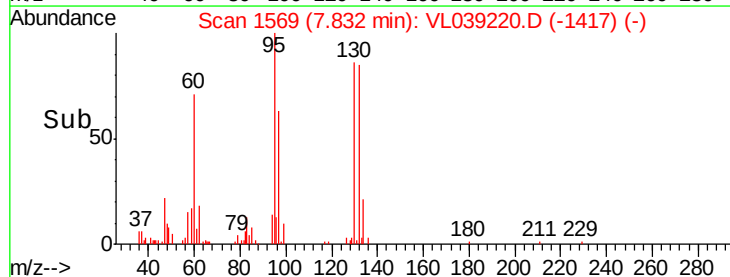
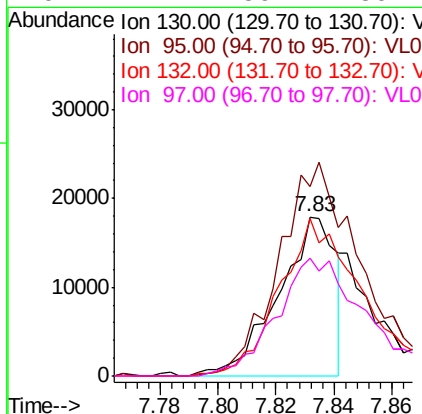
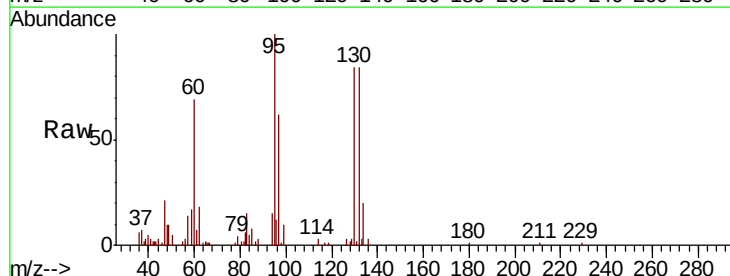
#37
 1,2-Dichloroethane
 Concen: 0.716 ppbv
 RT: 6.30 min Scan# 1094
 Delta R.T. -0.01 min
 Lab File: VL039220.D
 Acq: 7 Jun 2022 22:15

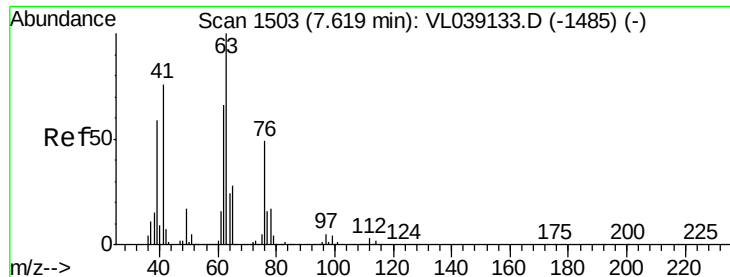
Tot Ion: 62 Resp: 63474
 Ion Ratio Lower Upper
 62 100
 98 5.4 4.3 6.5



#38
 Trichloroethene
 Concen: 0.394 ppbv
 RT: 7.83 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: VL039220.D
 Acq: 7 Jun 2022 22:15

Tgt Ion: 130 Resp: 24379
 Ion Ratio Lower Upper
 130 100
 95 116.0 93.3 139.9
 132 97.0 79.0 118.4
 97 72.1 59.4 89.2





#39

1,2-Dichloropropane

Concen: 0.126 ppbv

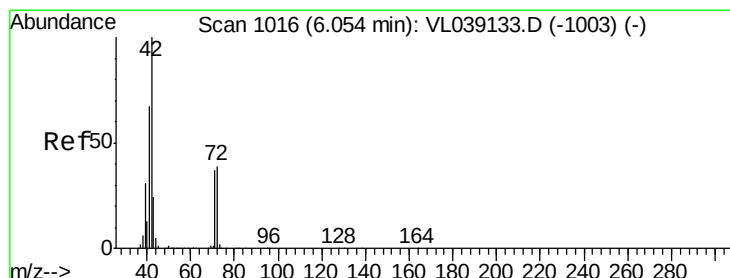
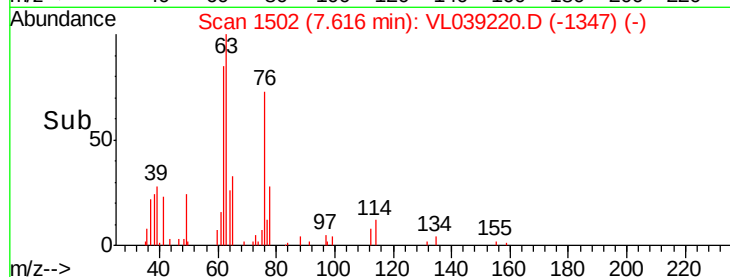
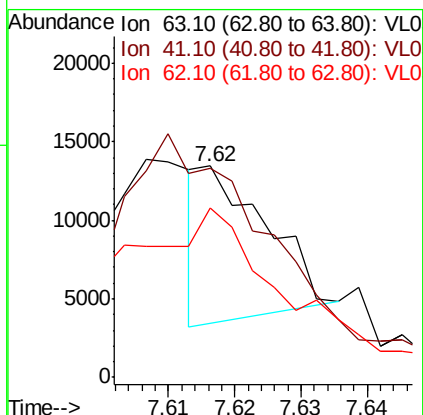
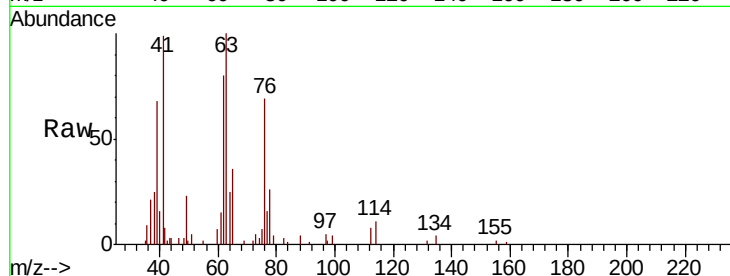
RT: 7.62 min Scan# 1502

Delta R.T. -0.00 min

Lab File: VL039220.D

Acq: 7 Jun 2022 22:15

Tot Ion:	63	Resp:	6757
Ion	Ratio	Lower	Upper
63	100		
41	108.1	60.8	91.2#
62	83.0	52.9	79.3#



#41

Tetrahydrofuran

Concen: 0.490 ppbv

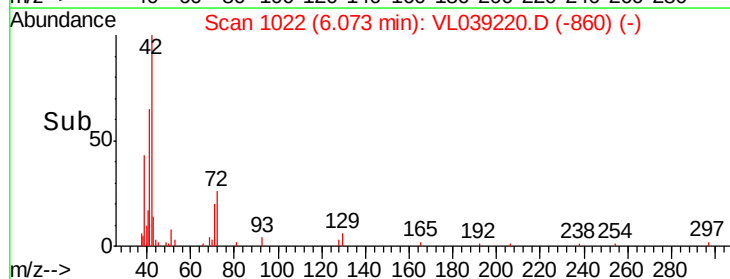
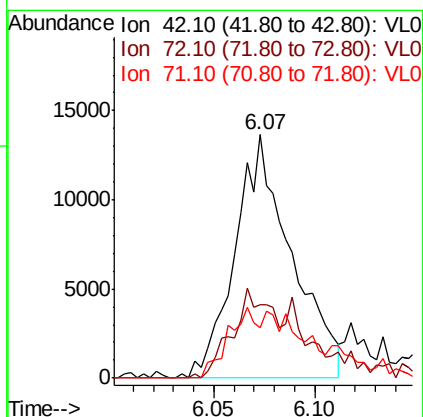
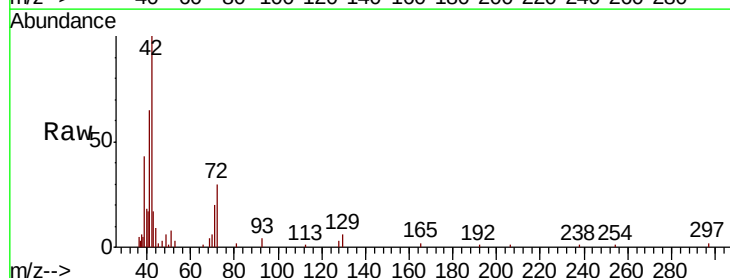
RT: 6.07 min Scan# 1022

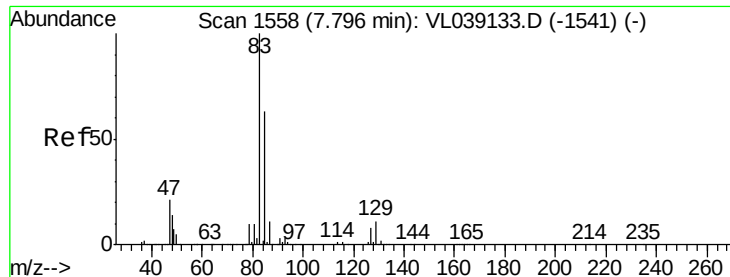
Delta R.T. 0.02 min

Lab File: VL039220.D

Acq: 7 Jun 2022 22:15

Tgt Ion:	42	Resp:	26546
Ion	Ratio	Lower	Upper
42	100		
72	46.2	32.0	48.0
71	42.7	31.1	46.7





#42

Bromodichloromethane

Concen: 0.291 ppbv

RT: 7.79 min Scan# 1555

Delta R.T. -0.01 min

Lab File: VL039220.D

Acq: 7 Jun 2022 22:15

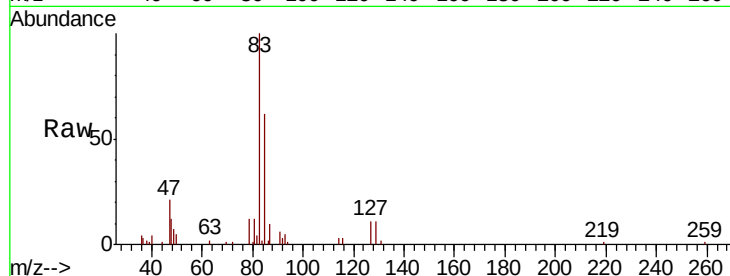
Tot Ion: 83 Resp: 35812

Ion Ratio Lower Upper

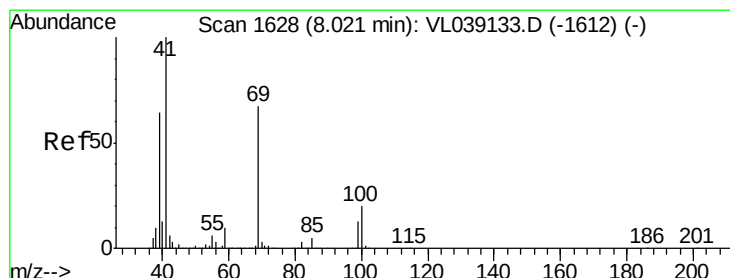
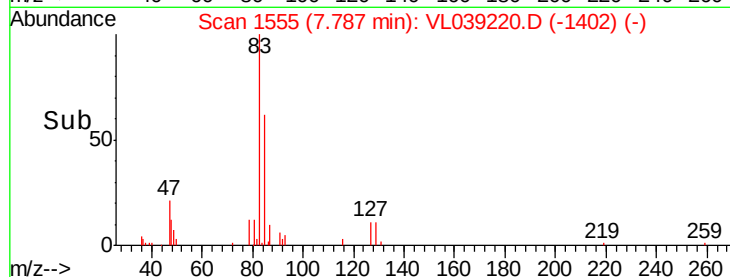
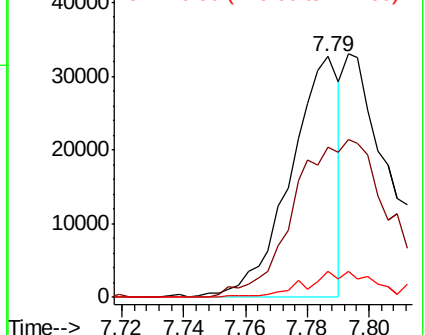
83 100

85 62.3 50.2 75.4

127 10.7 6.6 9.8#



Abundance Ion 83.00 (82.70 to 83.70): VL0
Ion 85.00 (84.70 to 85.70): VL0
Ion 126.90 (126.60 to 127.60): VL0



#43

Methyl Methacrylate

Concen: 0.258 ppbv

RT: 8.01 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VL039220.D

Acq: 7 Jun 2022 22:15

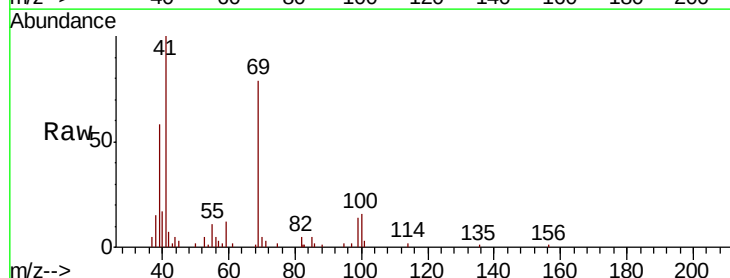
Tgt Ion: 69 Resp: 13515

Ion Ratio Lower Upper

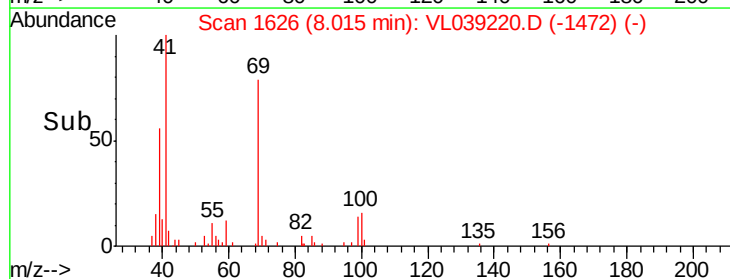
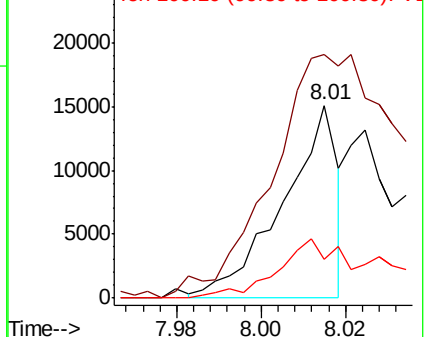
69 100

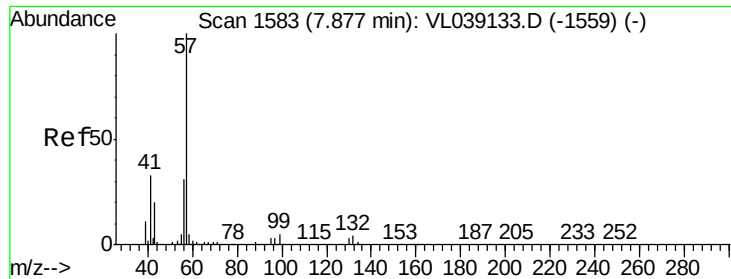
41 336.2 121.9 182.9#

100 67.8 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: 0.553 ppbv

RT: 7.87 min Scan# 1580

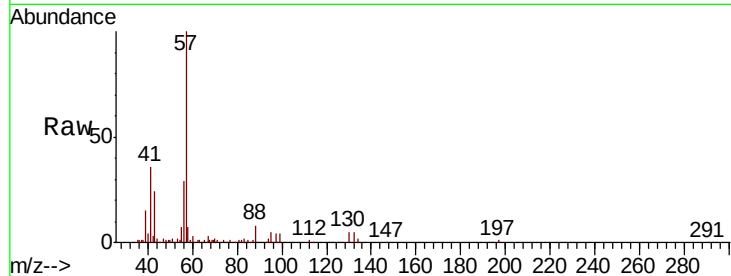
Delta R.T. -0.01 min

Lab File: VL039220.D

Acq: 7 Jun 2022 22:15

Tot Ion: 57 Resp: 130204

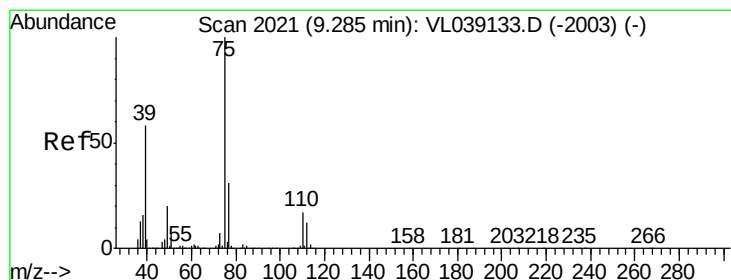
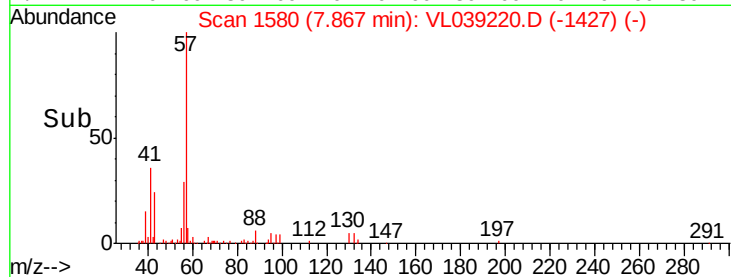
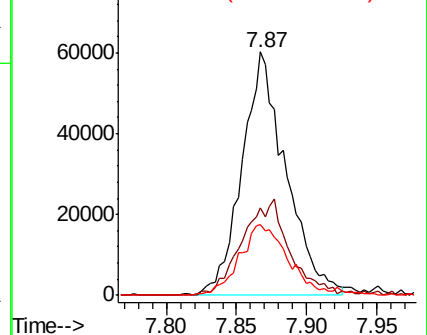
Ion	Ratio	Lower	Upper
57	100		
41	43.6	26.2	39.4#
56	33.0	24.7	37.1



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



#45

t-1,3-Dichloropropene

Concen: 0.313 ppbv

RT: 9.28 min Scan# 2018

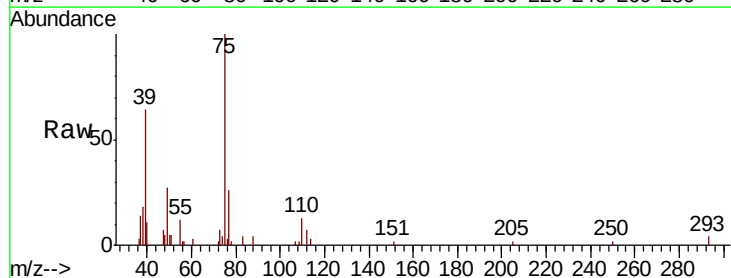
Delta R.T. -0.01 min

Lab File: VL039220.D

Acq: 7 Jun 2022 22:15

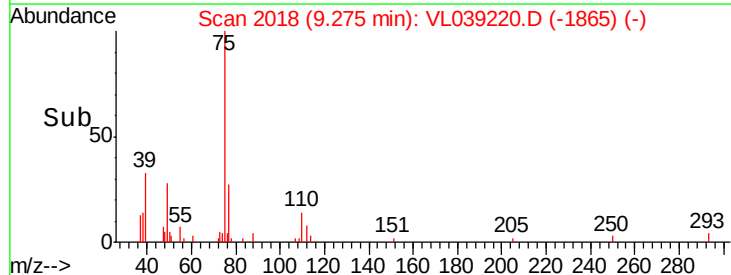
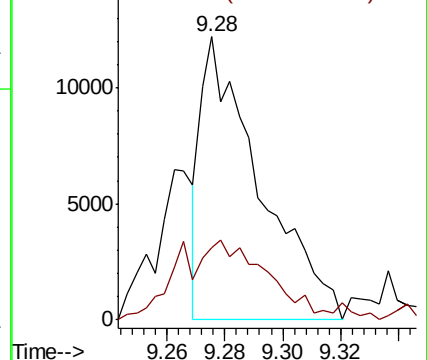
Tgt Ion: 75 Resp: 17076

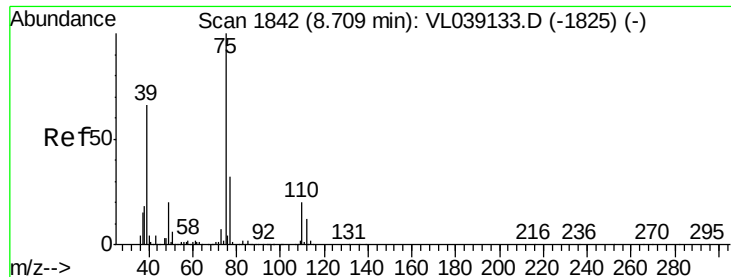
Ion	Ratio	Lower	Upper
75	100		
77	25.7	24.4	36.6



Abundance Ion 75.10 (74.80 to 75.80): VL0

Ion 77.10 (76.80 to 77.80): VL0





#46

cis-1,3-Dichloropropene

Concen: 0.283 ppbv

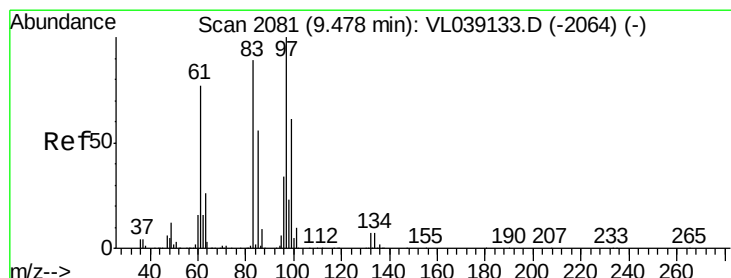
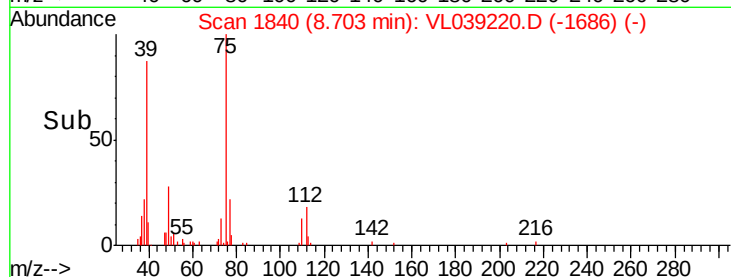
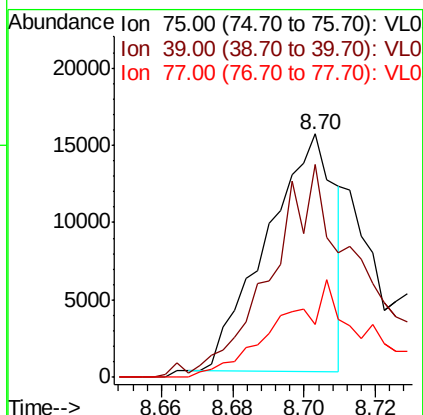
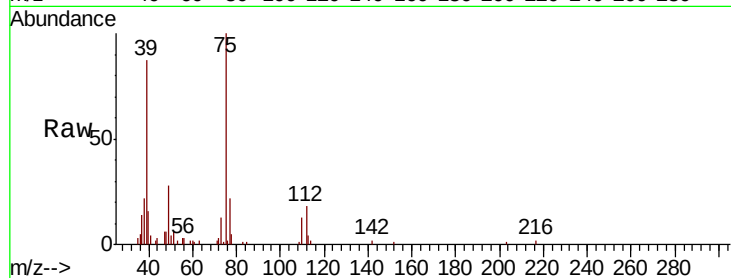
RT: 8.70 min Scan# 1840

Delta R.T. -0.01 min

Lab File: VL039220.D

Acq: 7 Jun 2022 22:15

Tot Ion:	75	Resp:	20397
Ion	Ratio	Lower	Upper
75	100		
39	88.0	52.4	78.6#
77	22.3	25.5	38.3#



#47

1,1,2-Trichloroethane

Concen: 0.263 ppbv

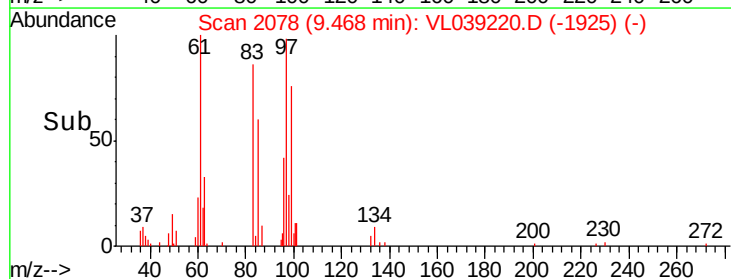
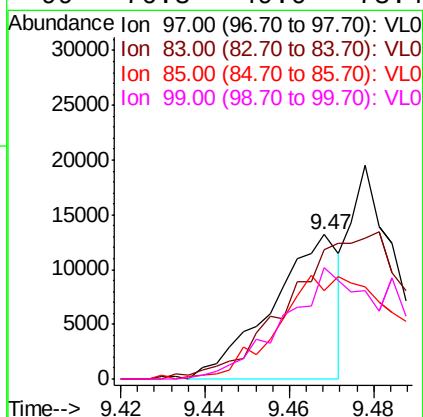
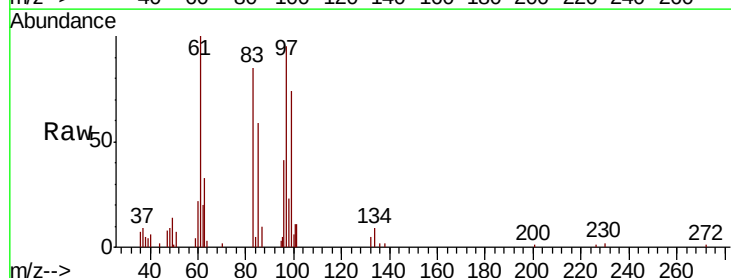
RT: 9.47 min Scan# 2078

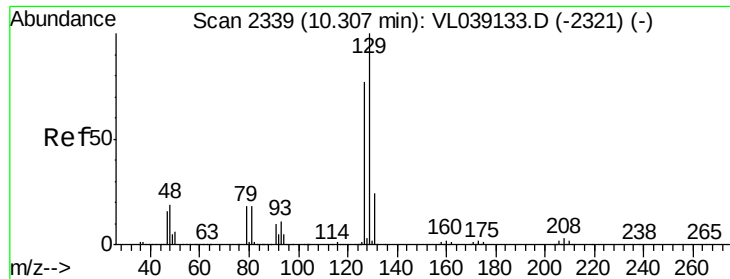
Delta R.T. -0.01 min

Lab File: VL039220.D

Acq: 7 Jun 2022 22:15

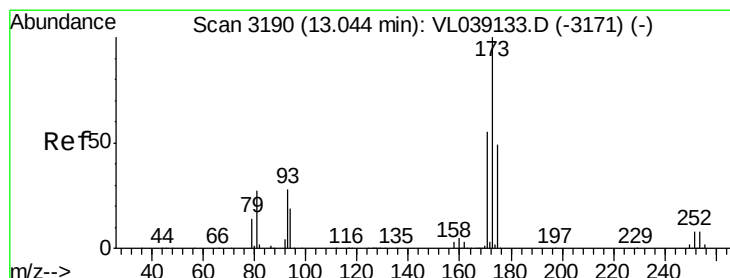
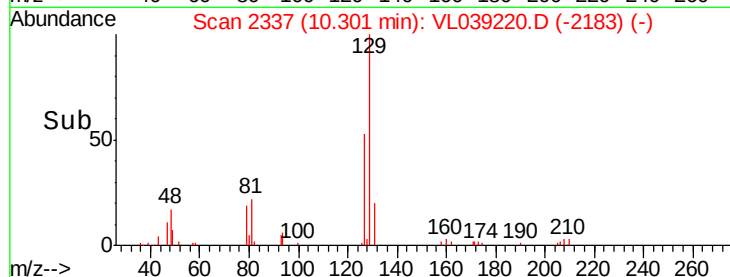
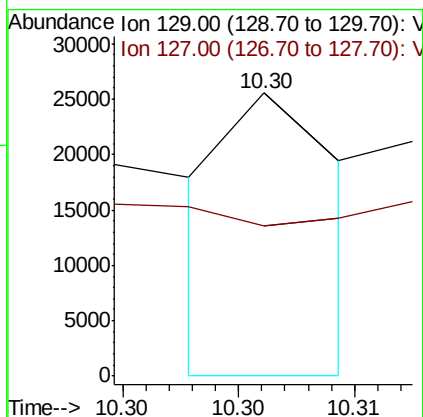
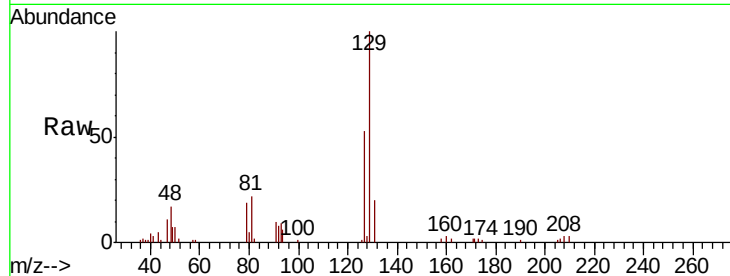
Tgt Ion:	97	Resp:	14672
Ion	Ratio	Lower	Upper
97	100		
83	86.6	71.6	107.4
85	60.2	44.8	67.2
99	76.3	49.0	73.4#





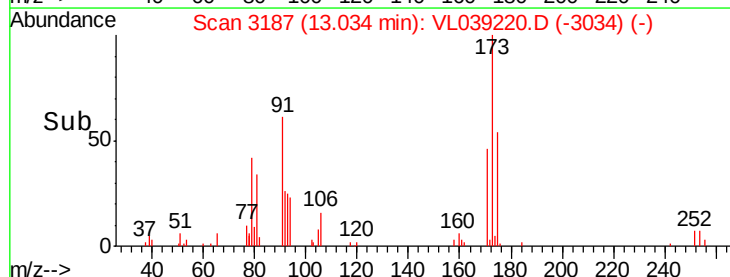
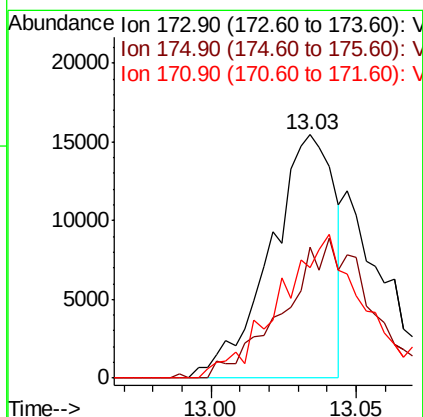
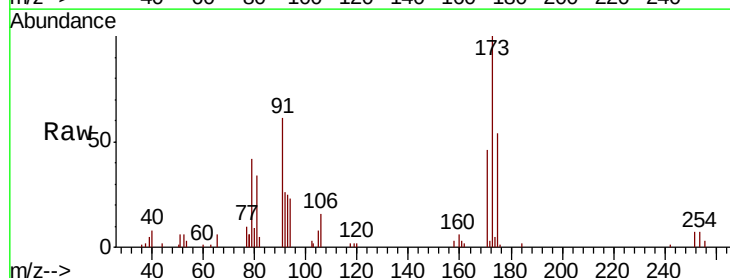
#48
 Dibromochloromethane
 Concen: 0.087 ppbv
 RT: 10.30 min Scan# 2337
 Delta R.T. -0.01 min
 Lab File: VL039220.D
 Acq: 7 Jun 2022 22:15

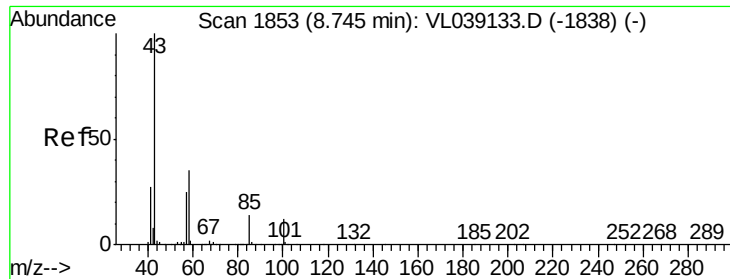
Tot Ion:129 Resp: 8679
 Ion Ratio Lower Upper
 129 100
 127 0.0 40.0 119.9#



#49
 Bromoform
 Concen: 0.285 ppbv
 RT: 13.03 min Scan# 3187
 Delta R.T. -0.01 min
 Lab File: VL039220.D
 Acq: 7 Jun 2022 22:15

Tgt Ion:173 Resp: 23688
 Ion Ratio Lower Upper
 173 100
 175 79.2 40.2 60.2#
 171 82.5 43.9 65.9#





#50

4-Methyl-2-Pentanone

Concen: 0.402 ppbv

RT: 8.75 min Scan# 1856

Delta R.T. 0.01 min

Lab File: VL039220.D

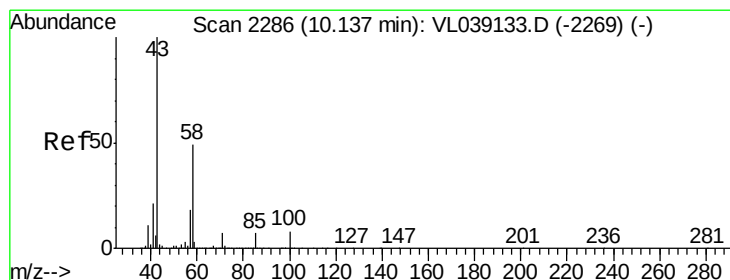
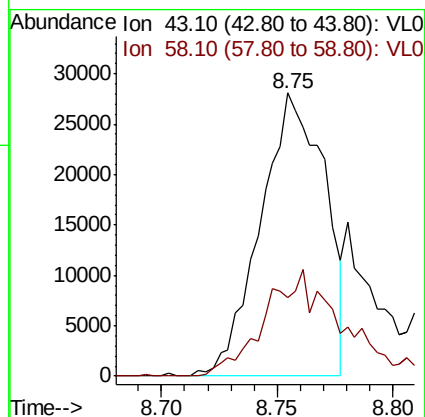
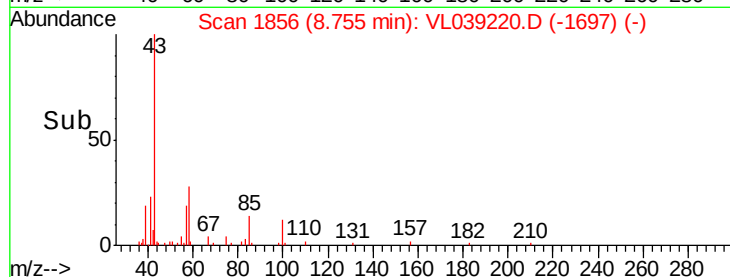
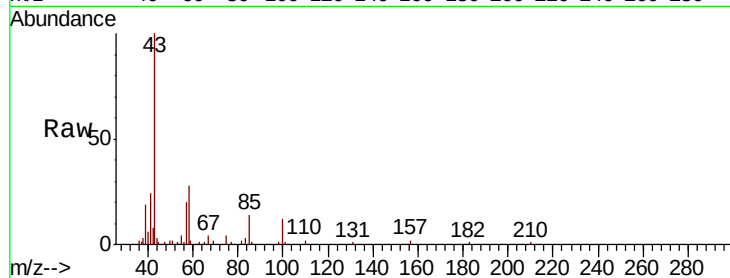
Acq: 7 Jun 2022 22:15

Tot Ion: 43 Resp: 54161

Ion Ratio Lower Upper

43 100

58 47.5 28.7 43.1#



#51

2-Hexanone

Concen: 0.292 ppbv

RT: 10.15 min Scan# 2291

Delta R.T. 0.02 min

Lab File: VL039220.D

Acq: 7 Jun 2022 22:15

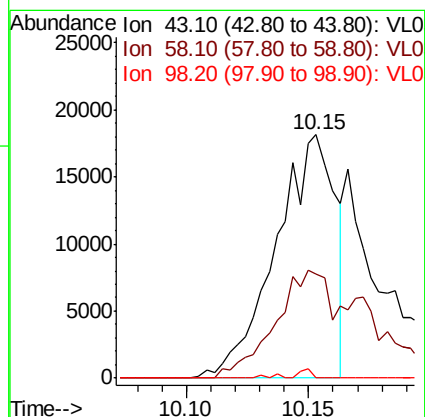
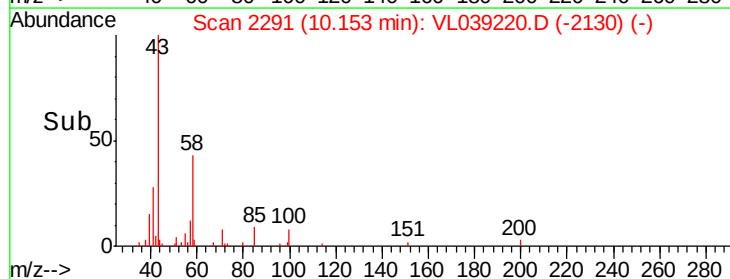
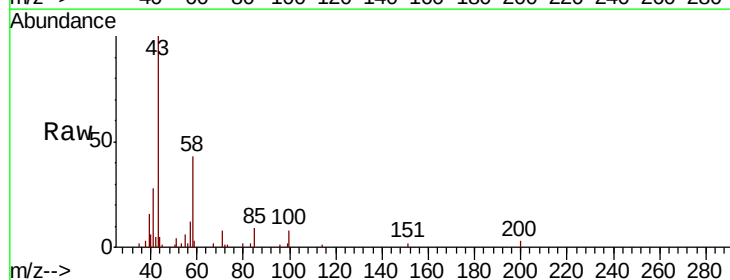
Tgt Ion: 43 Resp: 30620

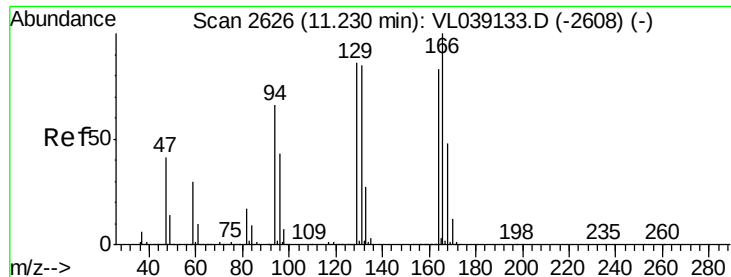
Ion Ratio Lower Upper

43 100

58 74.5 40.0 60.0#

98 1.1 0.1 0.1#





#52

Tetrachloroethene

Concen: 0.325 ppbv

RT: 11.22 min Scan# 2622

Delta R.T. -0.01 min

Lab File: VL039220.D

Acq: 7 Jun 2022 22:15

Tot Ion:164 Resp: 17081

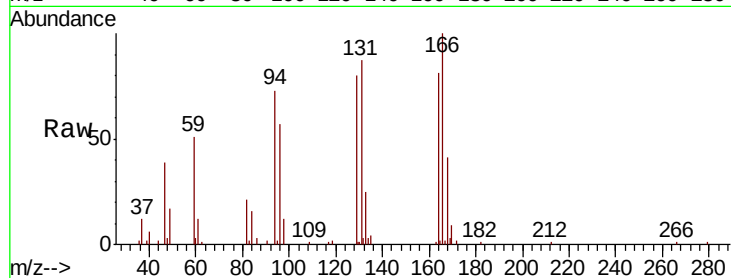
Ion Ratio Lower Upper

164 100

166 124.1 96.3 144.5

129 98.8 82.5 123.7

131 107.7 82.1 123.1

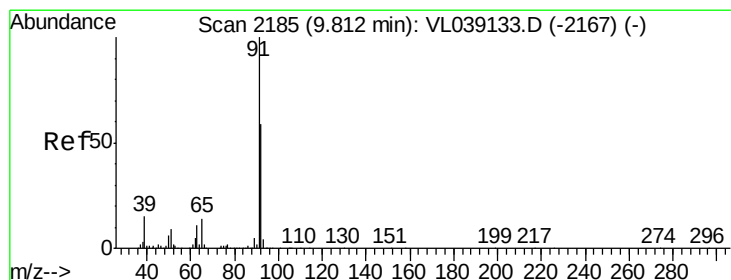
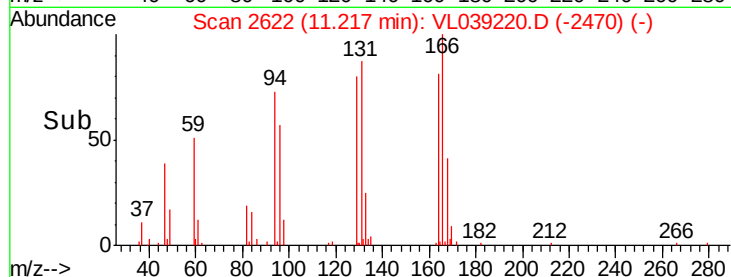
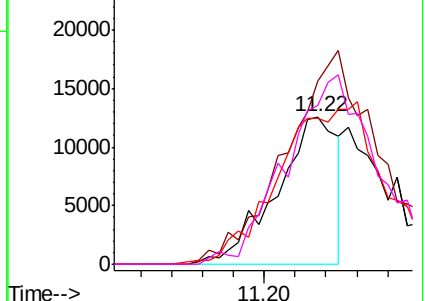


Abundance Ion 163.90 (163.60 to 164.60): V

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: 0.516 ppbv

RT: 9.81 min Scan# 2183

Delta R.T. -0.01 min

Lab File: VL039220.D

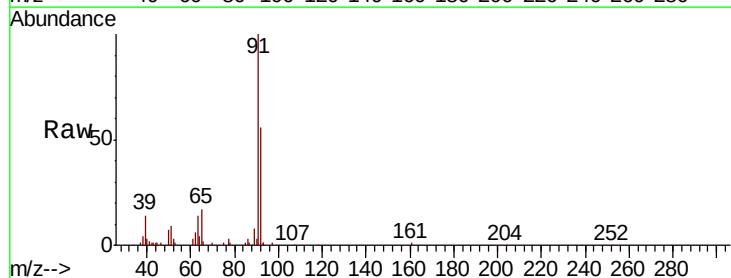
Acq: 7 Jun 2022 22:15

Tgt Ion: 91 Resp: 80033

Ion Ratio Lower Upper

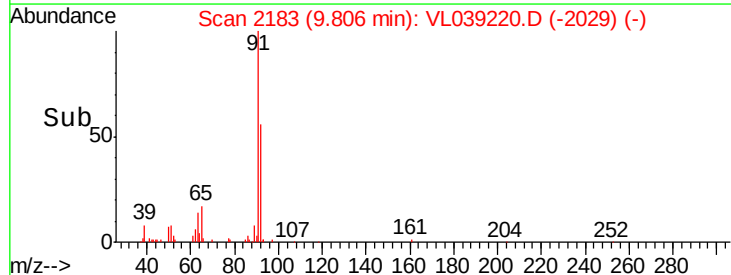
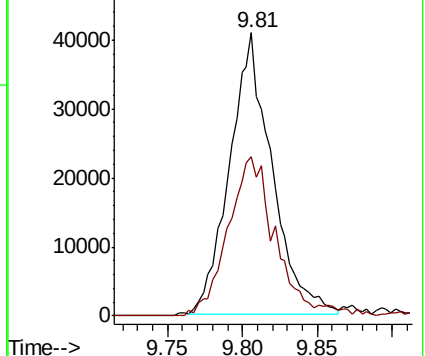
91 100

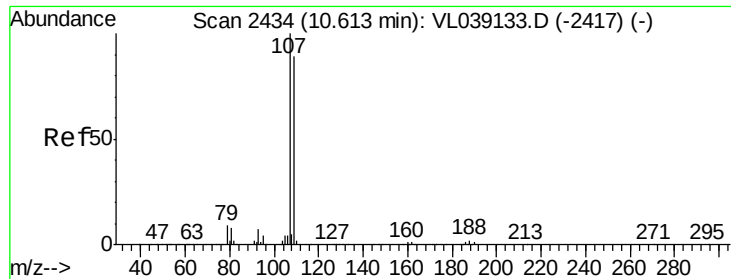
92 65.0 48.1 72.1



Abundance Ion 91.10 (90.80 to 91.80): VL0

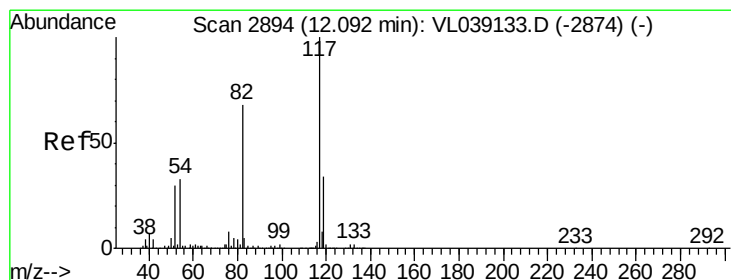
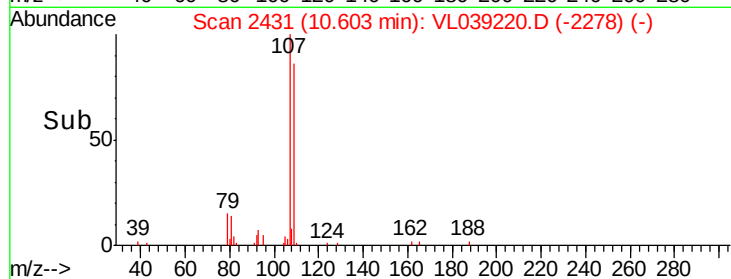
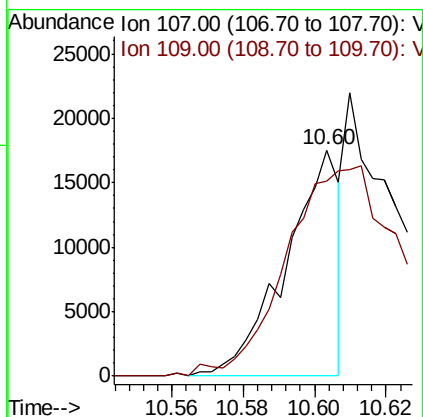
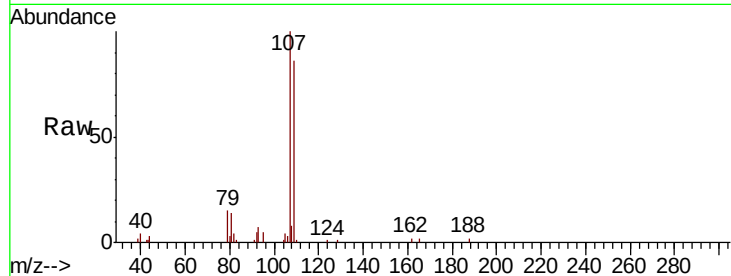
Ion 92.10 (91.80 to 92.80): VL0





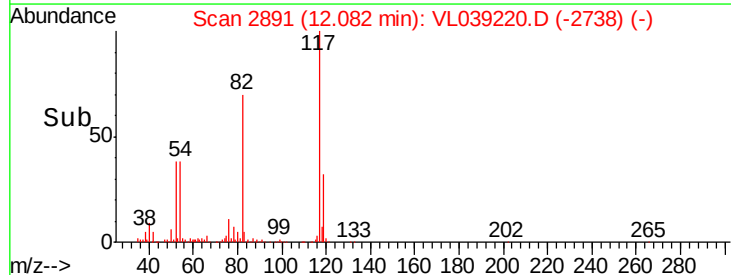
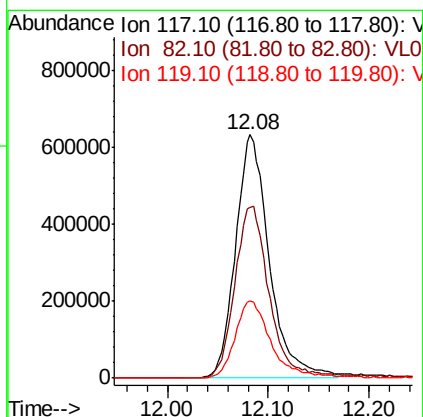
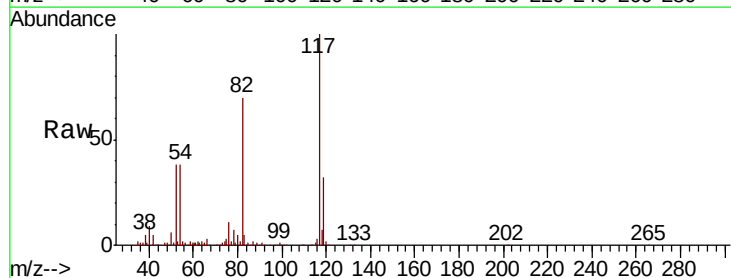
#54
 1,2-Dibromoethane
 Concen: 0.242 ppbv
 RT: 10.60 min Scan# 2431
 Delta R.T. -0.01 min
 Lab File: VL039220.D
 Acq: 7 Jun 2022 22:15

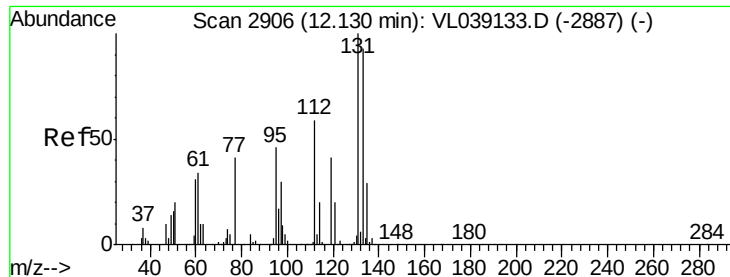
Tot Ion:107 Resp: 18194
 Ion Ratio Lower Upper
 107 100
 109 86.1 71.4 107.0



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.08 min Scan# 2891
 Delta R.T. -0.01 min
 Lab File: VL039220.D
 Acq: 7 Jun 2022 22:15

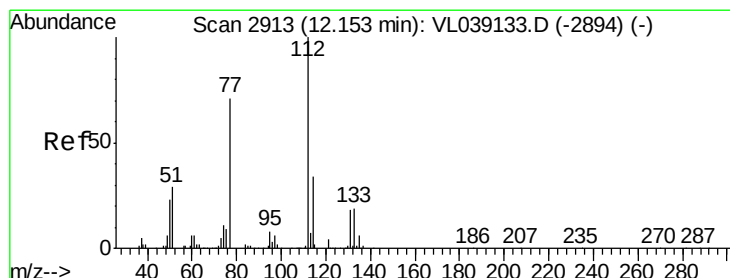
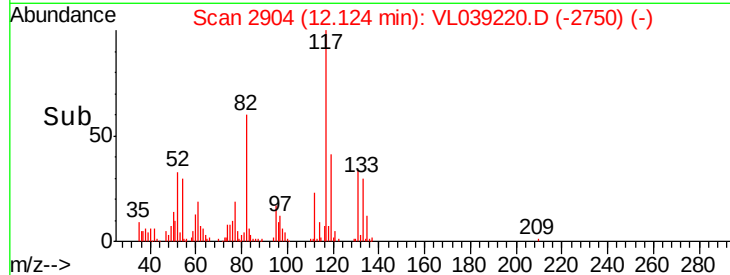
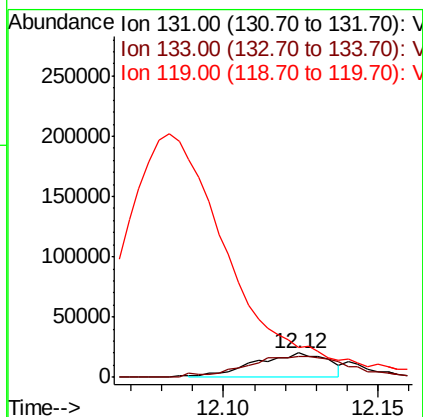
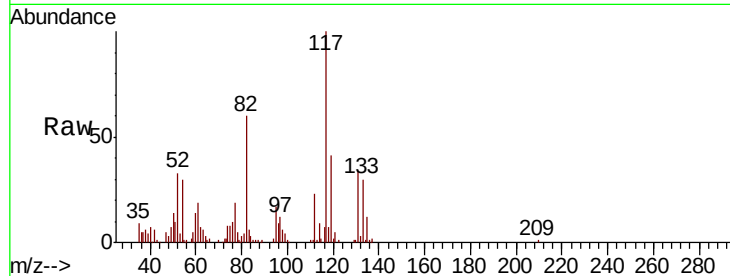
Tgt Ion:117 Resp: 1469811
 Ion Ratio Lower Upper
 117 100
 82 74.1 55.1 82.7
 119 34.2 24.7 37.1





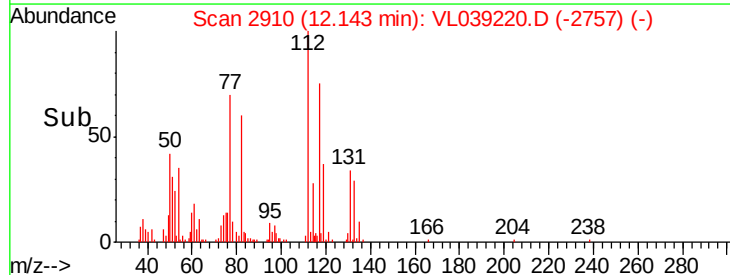
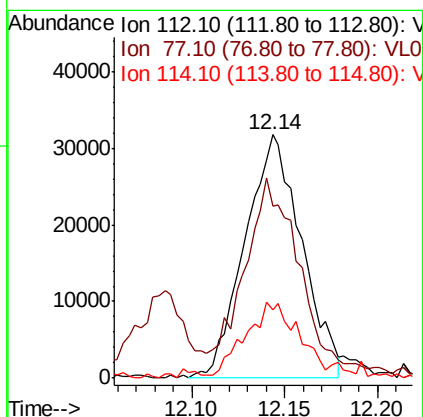
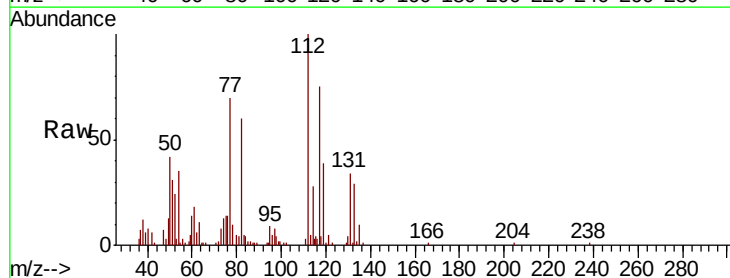
#56
 1,1,1,2-Tetrachloroethane
 Concen: 0.483 ppbv
 RT: 12.12 min Scan# 2904
 Delta R.T. -0.01 min
 Lab File: VL039220.D
 Acq: 7 Jun 2022 22:15

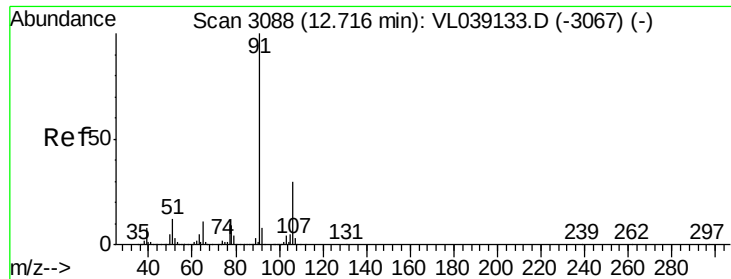
Tot Ion:131 Resp: 33587
 Ion Ratio Lower Upper
 131 100
 133 127.6 78.6 117.8#
 119 0.0 51.7 77.5#



#57
 Chlorobenzene
 Concen: 0.609 ppbv
 RT: 12.14 min Scan# 2910
 Delta R.T. -0.01 min
 Lab File: VL039220.D
 Acq: 7 Jun 2022 22:15

Tgt Ion:112 Resp: 67363
 Ion Ratio Lower Upper
 112 100
 77 63.2 56.5 84.7
 114 26.3 30.3 37.1#





#58

Ethyl Benzene

Concen: 0.234 ppbv

RT: 12.99 min Scan# 3174

Delta R.T. 0.28 min

Lab File: VL039220.D

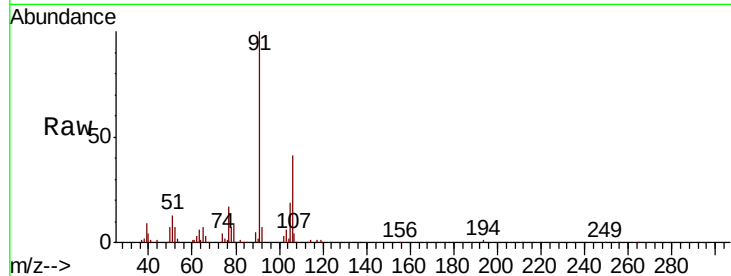
Acq: 7 Jun 2022 22:15

Tot Ion: 91 Resp: 47441

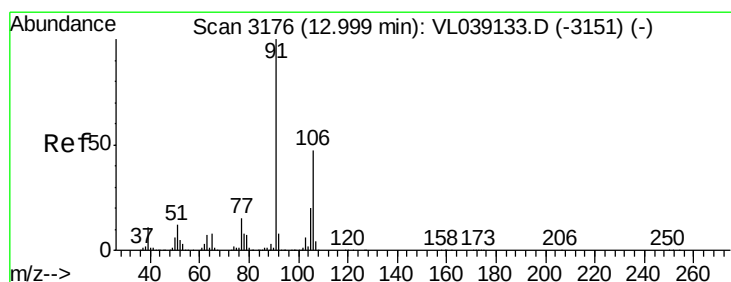
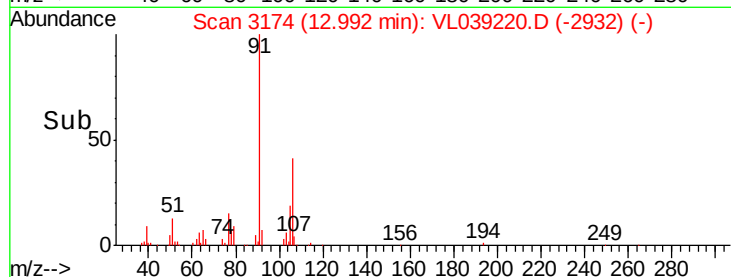
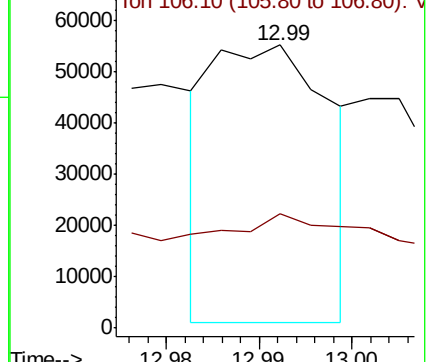
Ion Ratio Lower Upper

91 100

106 34.9 24.2 36.4



Abundance Ion 91.10 (90.80 to 91.80): VL0



#59

m/p-Xylene

Concen: 0.266 ppbv

RT: 12.99 min Scan# 3174

Delta R.T. -0.01 min

Lab File: VL039220.D

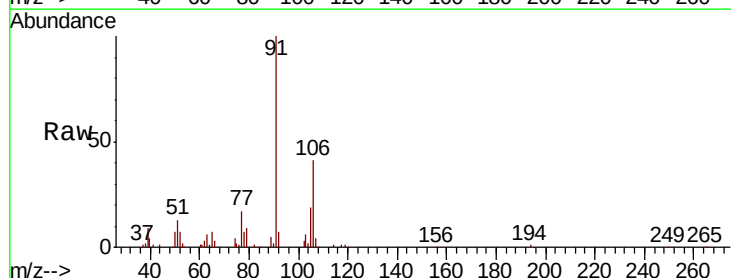
Acq: 7 Jun 2022 22:15

Tgt Ion: 91 Resp: 47441

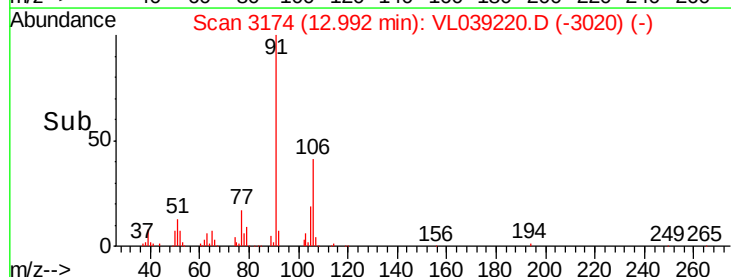
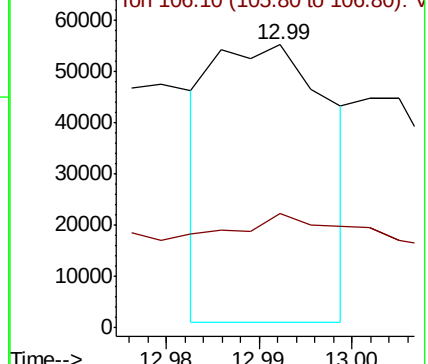
Ion Ratio Lower Upper

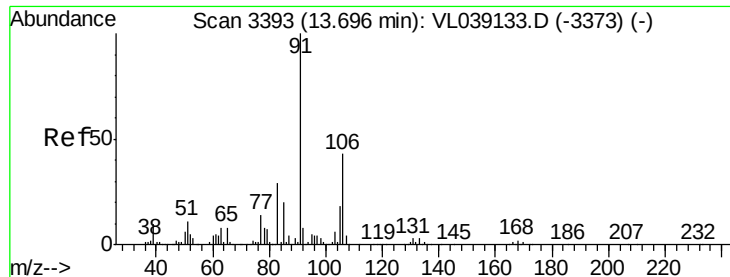
91 100

106 177.4 34.3 51.5#



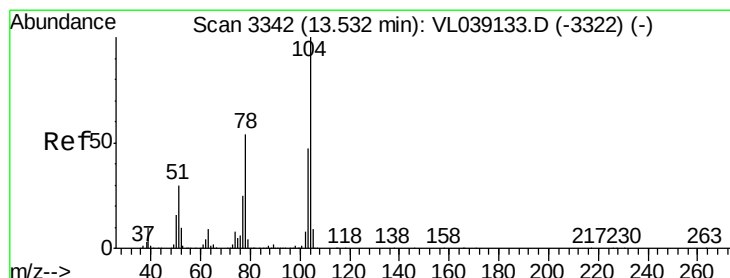
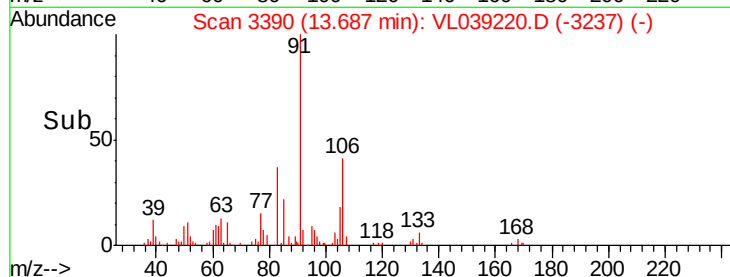
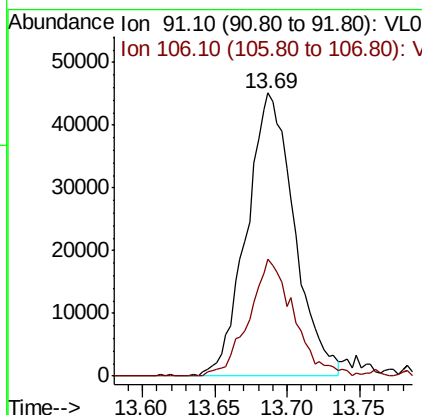
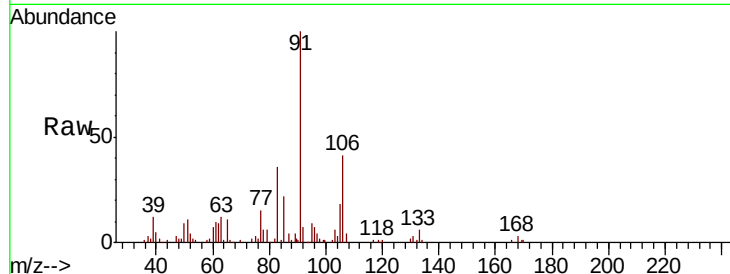
Abundance Ion 91.10 (90.80 to 91.80): VL0





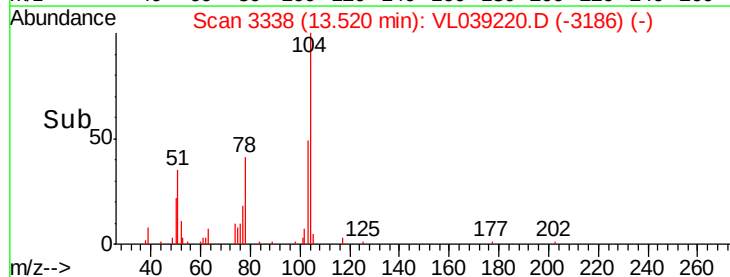
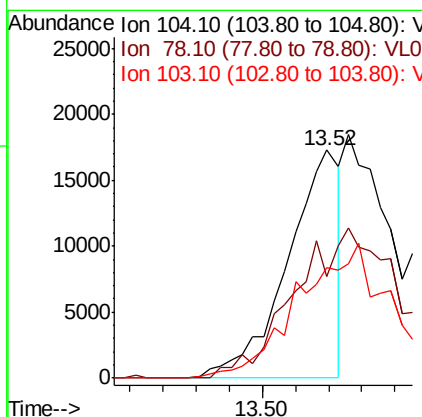
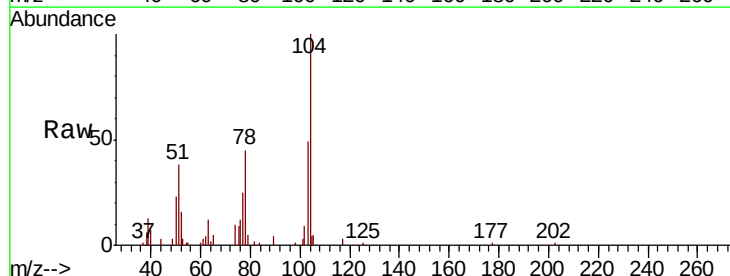
#60
o-Xylene
Concen: 0.616 ppbv
RT: 13.69 min Scan# 3390
Delta R.T. -0.01 min
Lab File: VL039220.D
Acq: 7 Jun 2022 22:15

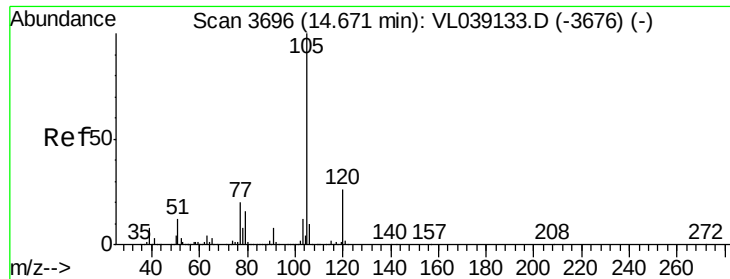
Tot Ion: 91 Resp: 103202
Ion Ratio Lower Upper
91 100
106 39.3 22.3 66.9



#61
Styrene
Concen: 0.212 ppbv
RT: 13.52 min Scan# 3338
Delta R.T. -0.01 min
Lab File: VL039220.D
Acq: 7 Jun 2022 22:15

Tgt Ion: 104 Resp: 18996
Ion Ratio Lower Upper
104 100
78 0.0 45.7 68.5#
103 0.0 39.6 59.4#





#62

Isopropylbenzene

Concen: 0.582 ppbv

RT: 14.66 min Scan# 3693

Delta R.T. -0.01 min

Lab File: VL039220.D

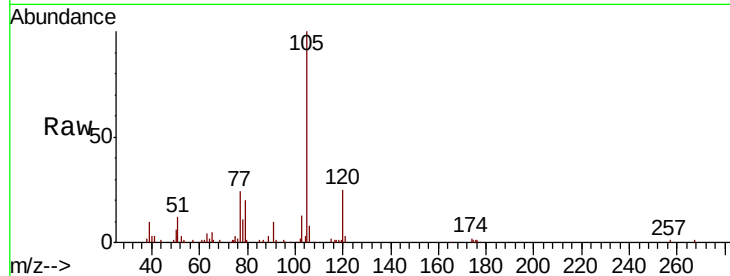
Acq: 7 Jun 2022 22:15

Tot Ion:105 Resp: 144855

Ion Ratio Lower Upper

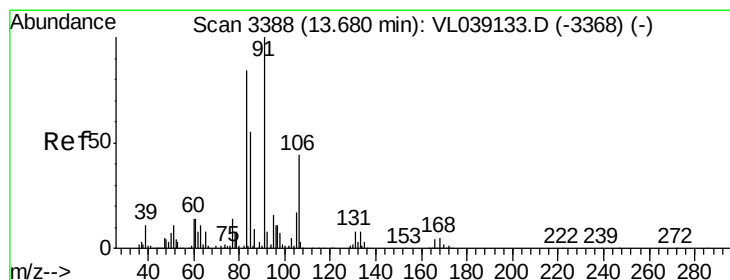
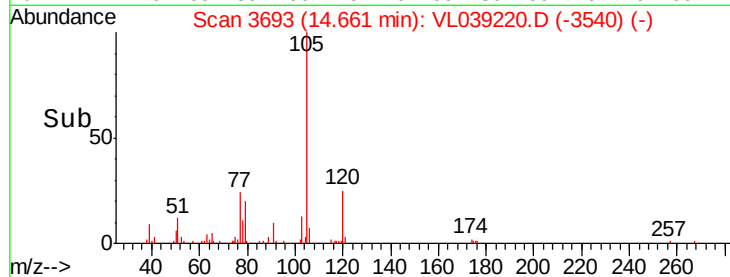
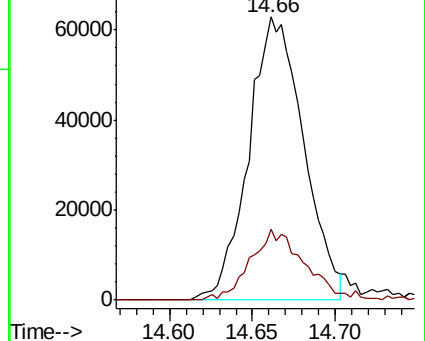
105 100

120 24.9 20.3 30.5



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V



#63

1,1,2,2-Tetrachloroethane

Concen: 0.530 ppbv

RT: 13.67 min Scan# 3386

Delta R.T. -0.01 min

Lab File: VL039220.D

Acq: 7 Jun 2022 22:15

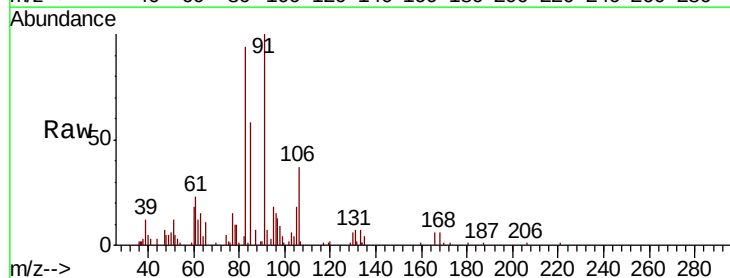
Tgt Ion: 83 Resp: 49856

Ion Ratio Lower Upper

83 100

131 12.4 4.8 14.3

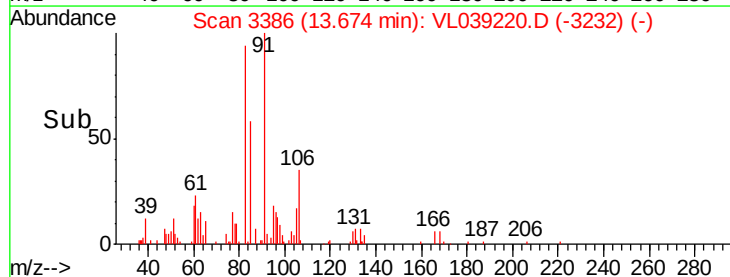
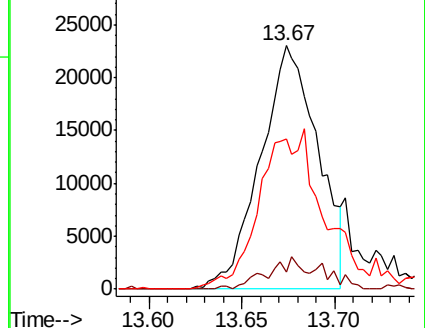
85 76.7 33.0 99.0

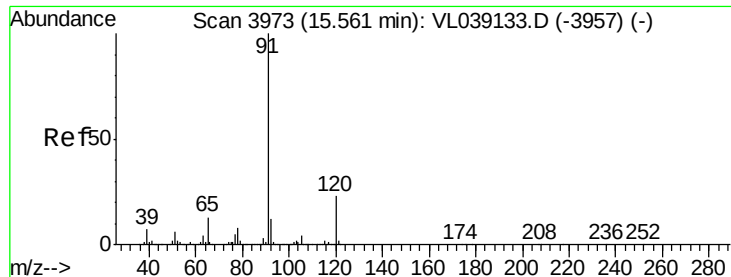


Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VL0





#64

n-propylbenzene

Concen: 0.464 ppbv

RT: 15.56 min Scan# 3972

Delta R.T. -0.00 min

Lab File: VL039220.D

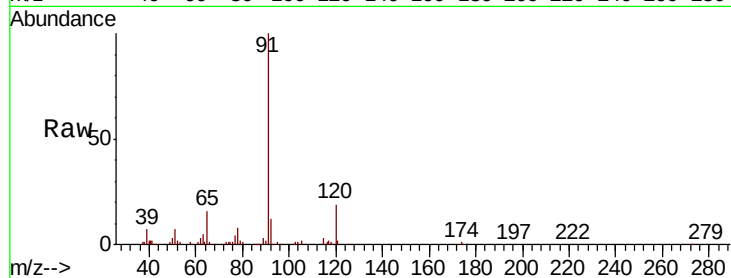
Acq: 7 Jun 2022 22:15

Tot Ion:120 Resp: 28406

Ion Ratio Lower Upper

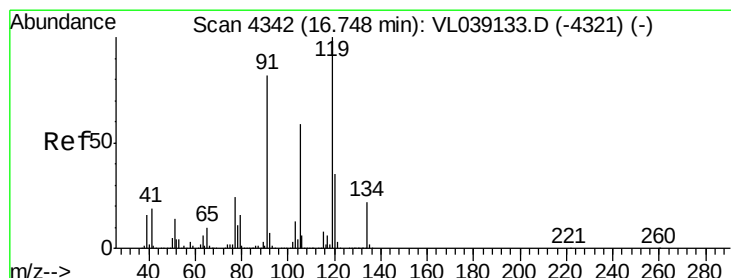
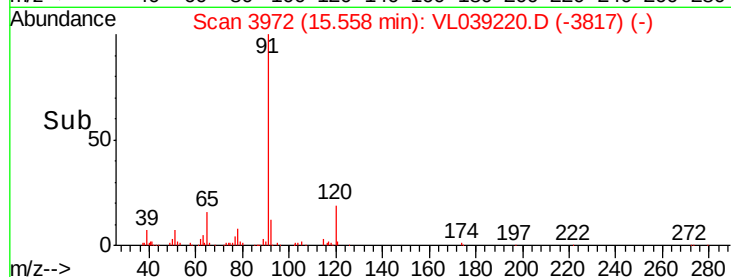
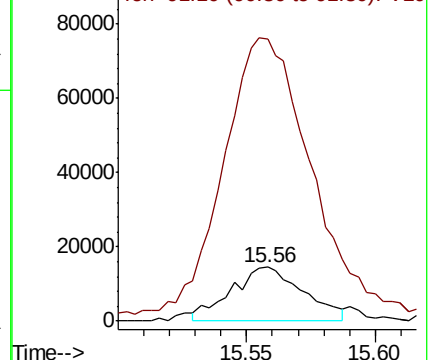
120 100

91 697.1 388.4 582.6#



Abundance Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0



#65

tert-Butylbenzene

Concen: 0.321 ppbv

RT: 16.74 min Scan# 4340

Delta R.T. -0.01 min

Lab File: VL039220.D

Acq: 7 Jun 2022 22:15

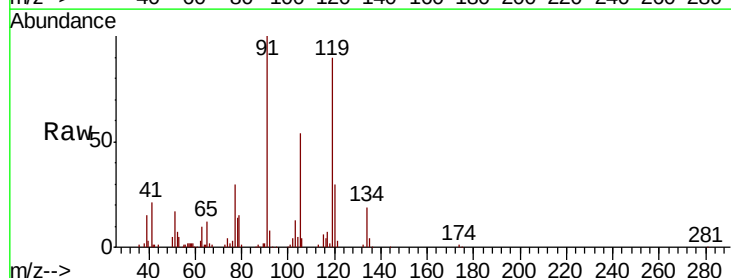
Tgt Ion:119 Resp: 73013

Ion Ratio Lower Upper

119 100

91 183.3 67.1 100.7#

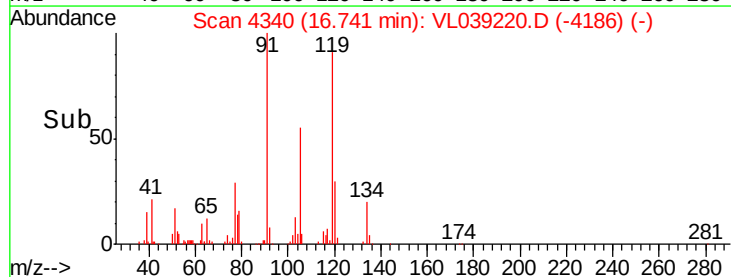
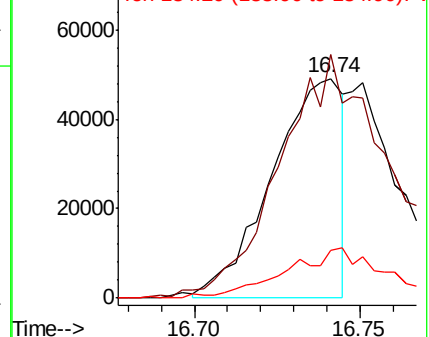
134 32.7 15.8 23.8#

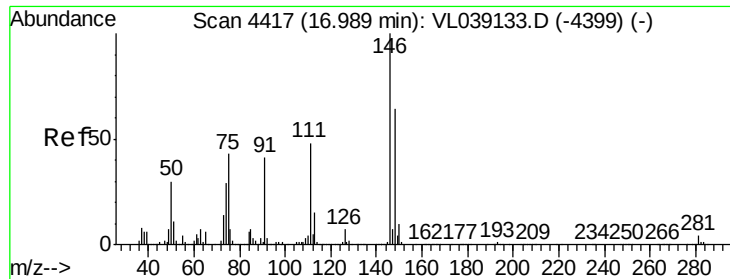


Abundance Ion 119.20 (118.90 to 119.90): V

Ion 91.10 (90.80 to 91.80): VL0

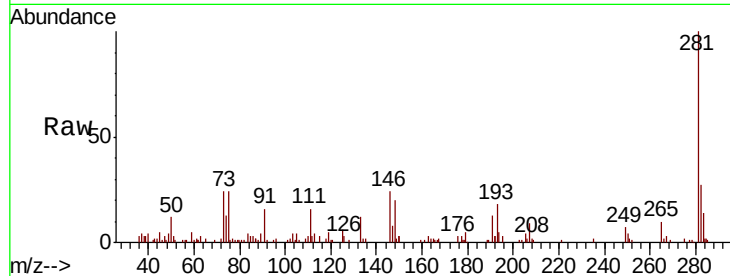
Ion 134.20 (133.90 to 134.90): V



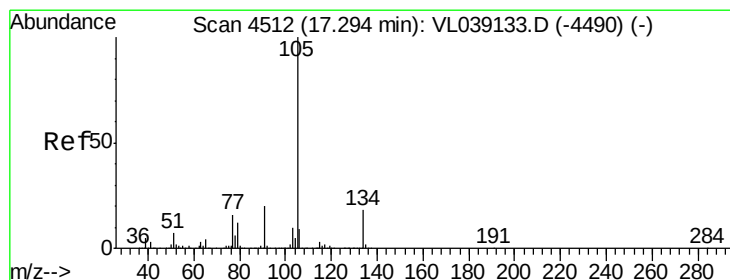
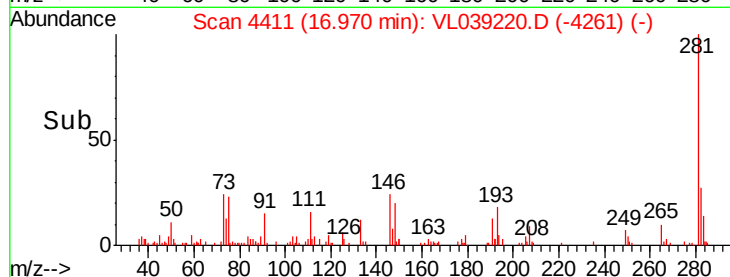
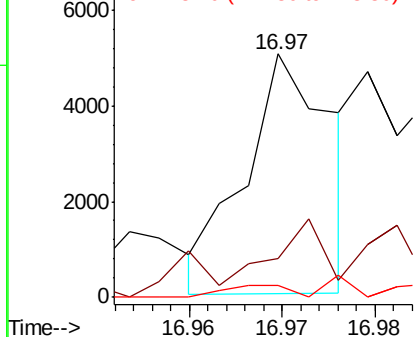


#66
Benzyl Chloride
Concen: 0.110 ppbv
RT: 16.97 min Scan# 4411
Delta R.T. -0.02 min
Lab File: VL039220.D
Acq: 7 Jun 2022 22:15

Tot Ion: 91 Resp: 3242
Ion Ratio Lower Upper
91 100
126 102.5 13.4 20.0#
128 11.1 4.1 6.1#

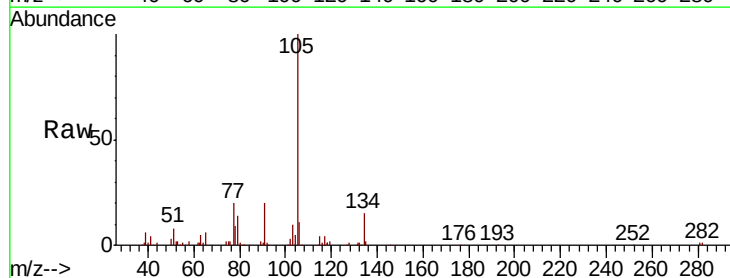


Abundance Ion 91.10 (90.80 to 91.80): VL0
Ion 126.10 (125.80 to 126.80): V
Ion 128.10 (127.80 to 128.80): V

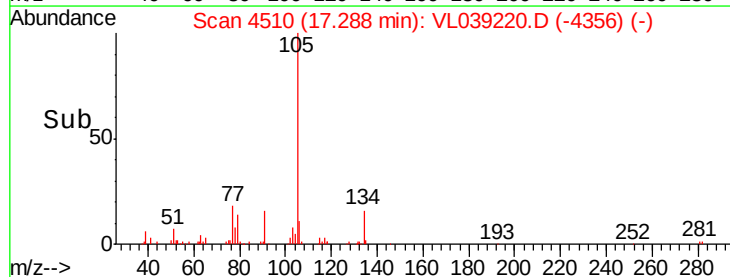
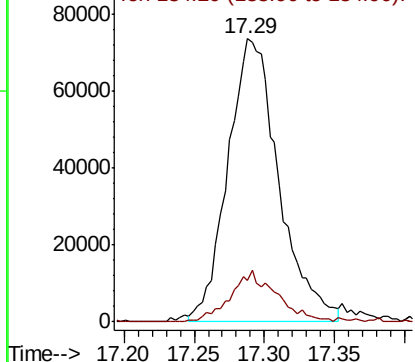


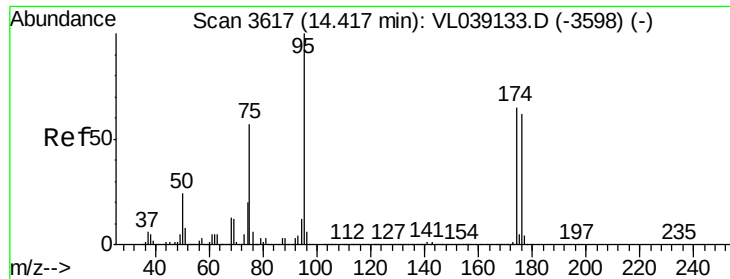
#67
sec-Butylbenzene
Concen: 0.601 ppbv
RT: 17.29 min Scan# 4510
Delta R.T. -0.01 min
Lab File: VL039220.D
Acq: 7 Jun 2022 22:15

Tgt Ion: 105 Resp: 186700
Ion Ratio Lower Upper
105 100
134 16.4 14.4 21.6



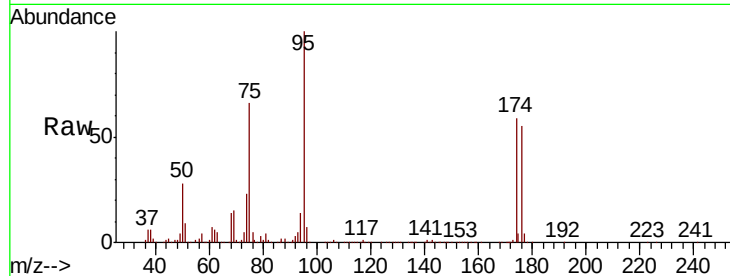
Abundance Ion 105.10 (104.80 to 105.80): V
Ion 134.20 (133.90 to 134.90): V



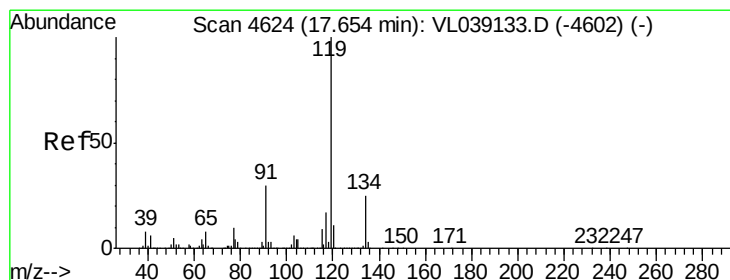
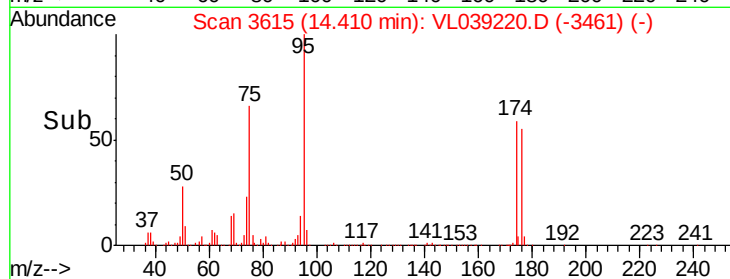
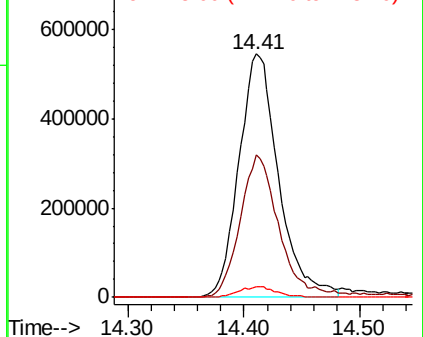


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.666 ppbv
 RT: 14.41 min Scan# 3615
 Delta R.T. -0.01 min
 Lab File: VL039220.D
 Acq: 7 Jun 2022 22:15

Tot Ion: 95 Resp: 1296075
 Ion Ratio Lower Upper
 95 100
 174 60.3 53.8 80.8
 175 4.5 4.1 6.1

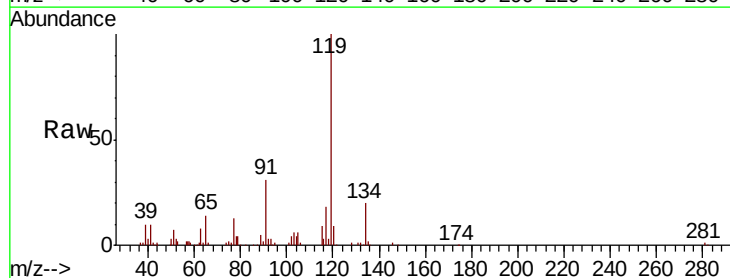


Abundance Ion 95.10 (94.80 to 95.80): VL0
 Ion 174.00 (173.70 to 174.70): V
 Ion 175.00 (174.70 to 175.70): V

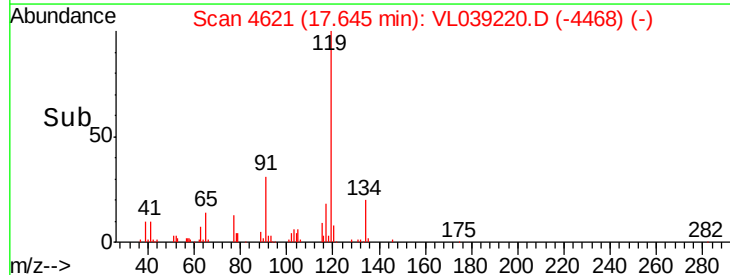
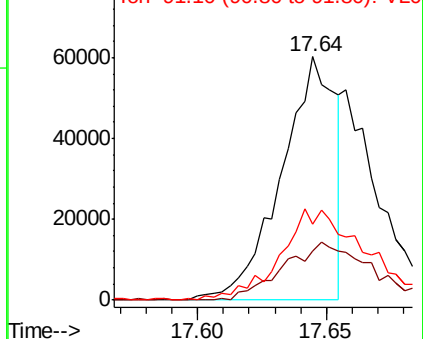


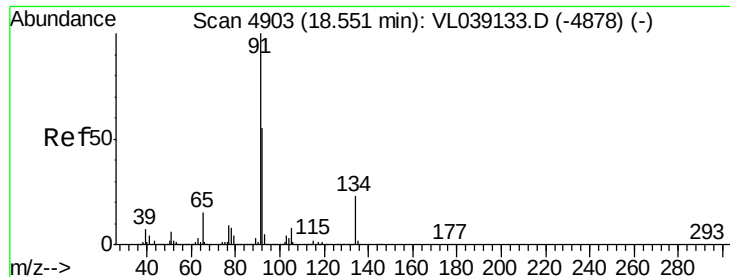
#69
 p-Isopropyltoluene
 Concen: 0.335 ppbv
 RT: 17.64 min Scan# 4621
 Delta R.T. -0.01 min
 Lab File: VL039220.D
 Acq: 7 Jun 2022 22:15

Tgt Ion: 119 Resp: 87728
 Ion Ratio Lower Upper
 119 100
 134 41.5 20.4 30.6#
 91 61.7 24.2 36.4#



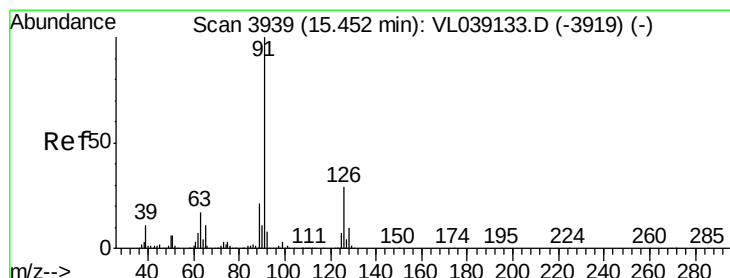
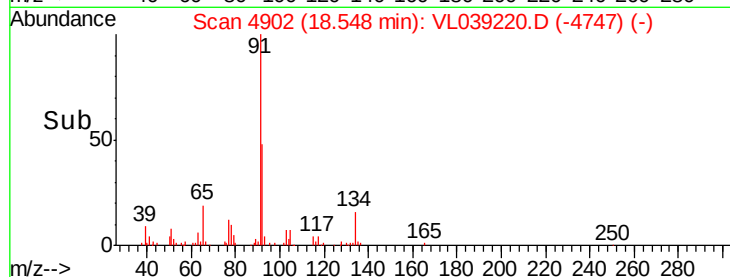
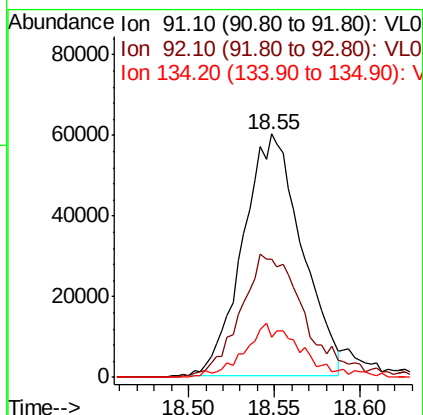
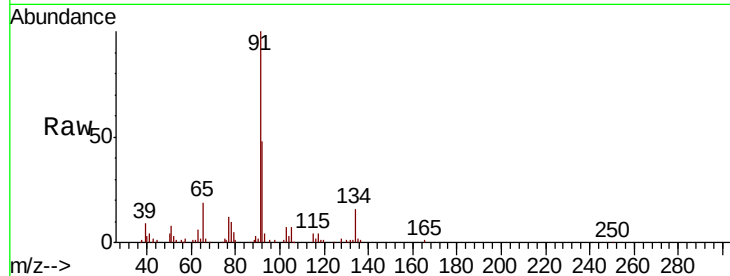
Abundance Ion 119.10 (118.80 to 119.80): V
 Ion 134.20 (133.90 to 134.90): V
 Ion 91.10 (90.80 to 91.80): VL0





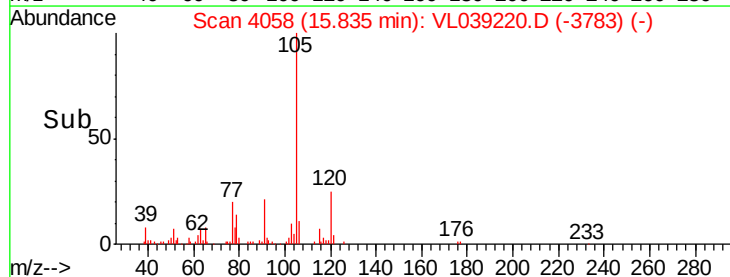
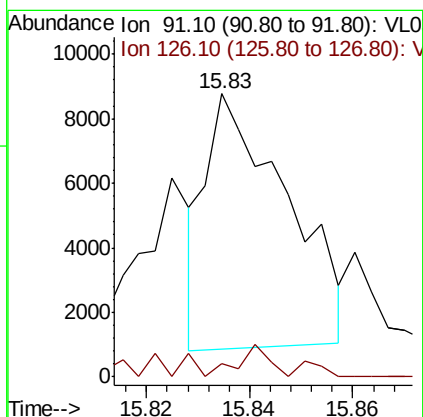
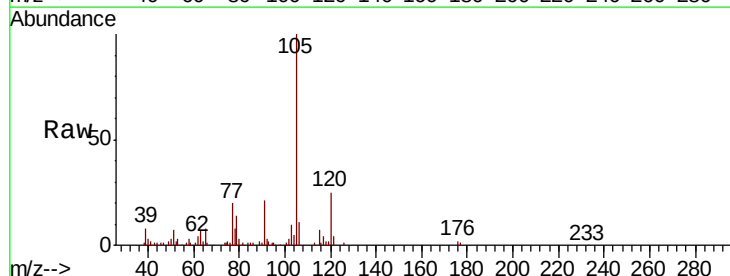
#70
n-Butylbenzene
Concen: 0.530 ppbv
RT: 18.55 min Scan# 4902
Delta R.T. -0.00 min
Lab File: VL039220.D
Acq: 7 Jun 2022 22:15

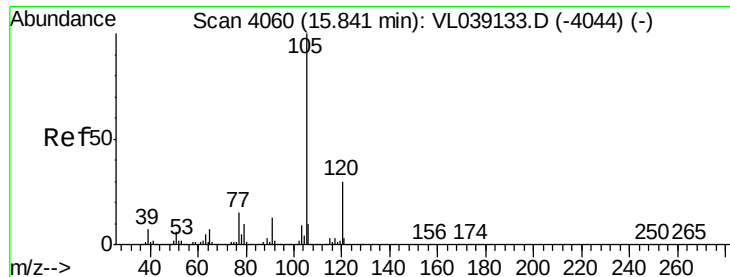
Tot Ion	Ratio	Lower	Upper
91	100		
92	57.1	43.6	65.4
134	21.6	17.7	26.5



#71
2-Chlorotoluene
Concen: 0.045 ppbv
RT: 15.83 min Scan# 4058
Delta R.T. 0.38 min
Lab File: VL039220.D
Acq: 7 Jun 2022 22:15

Tgt Ion	Ratio	Lower	Upper
91	100		
126	12.6	12.2	48.6





#72

4-Ethyltoluene

Concen: 0.501 ppbv

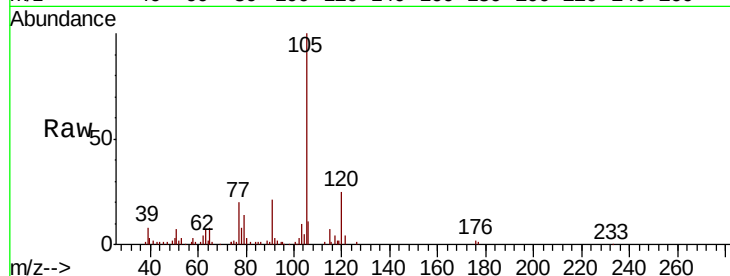
RT: 15.83 min Scan# 4058

Delta R.T. -0.01 min

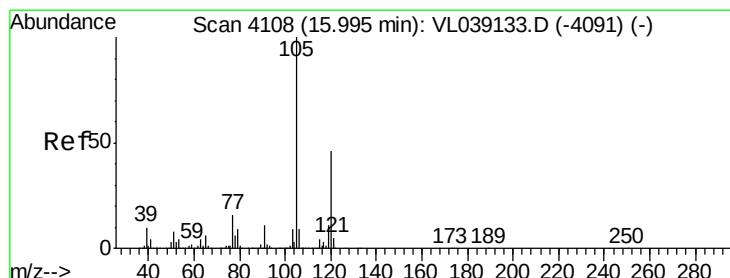
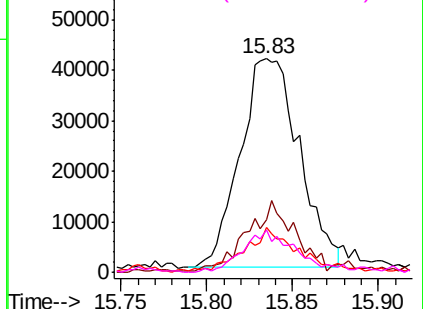
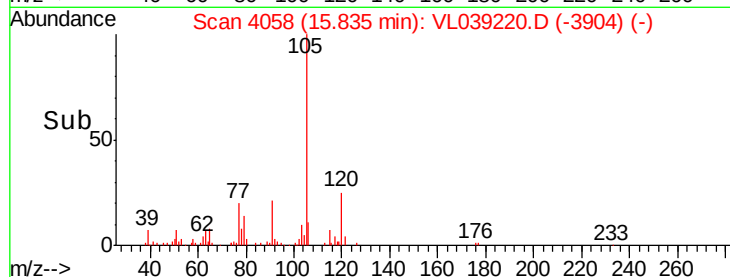
Lab File: VL039220.D

Acq: 7 Jun 2022 22:15

Tot Ion:105	Resp:	98466
Ion Ratio	Lower	Upper
105	100	
120	32.1	23.9 35.9
91	17.0	10.6 16.0#
77	19.5	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: 0.254 ppbv

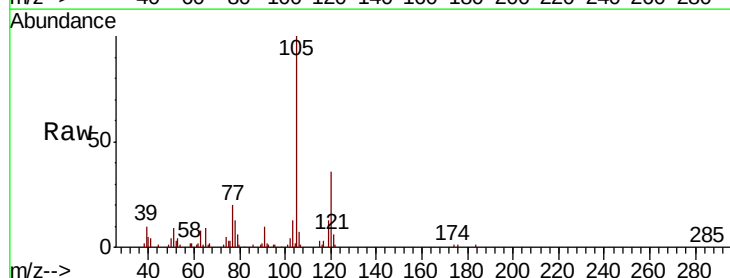
RT: 15.99 min Scan# 4105

Delta R.T. -0.01 min

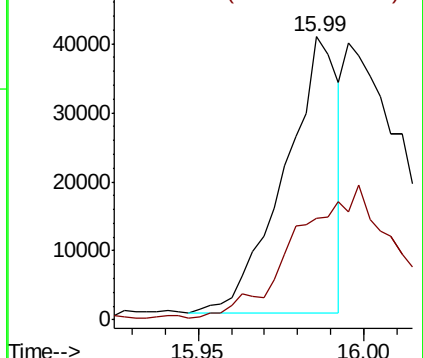
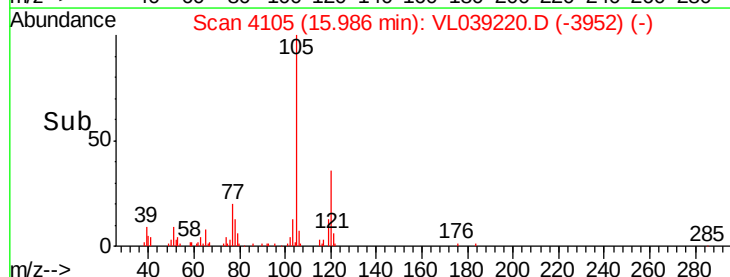
Lab File: VL039220.D

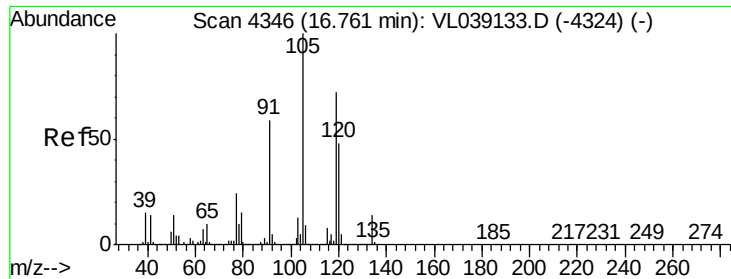
Acq: 7 Jun 2022 22:15

Tgt Ion:105	Resp:	44952
Ion Ratio	Lower	Upper
105	100	
120	36.0	36.7 55.1#



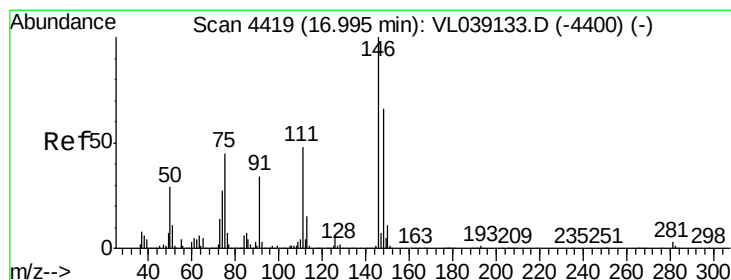
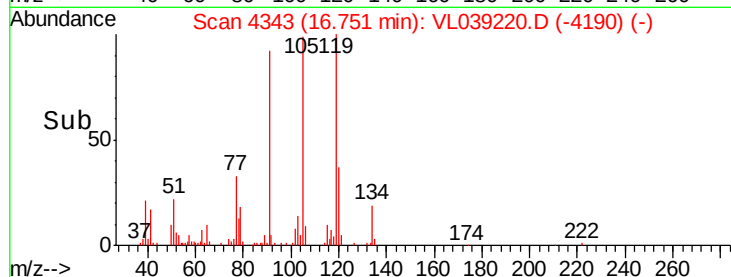
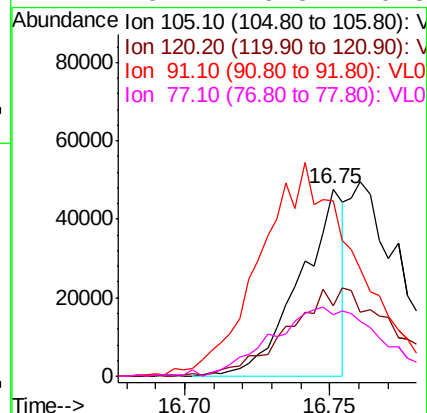
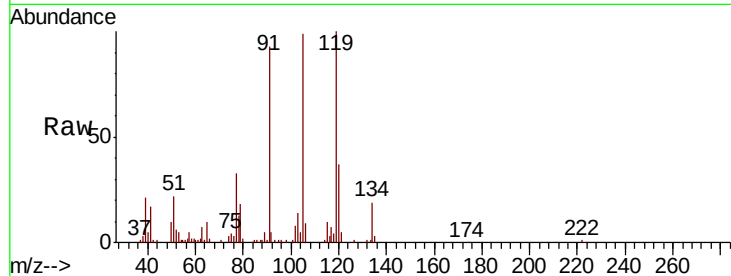
Abundance Ion 105.10 (104.80 to 105.80): V
Ion 120.20 (119.90 to 120.90): V





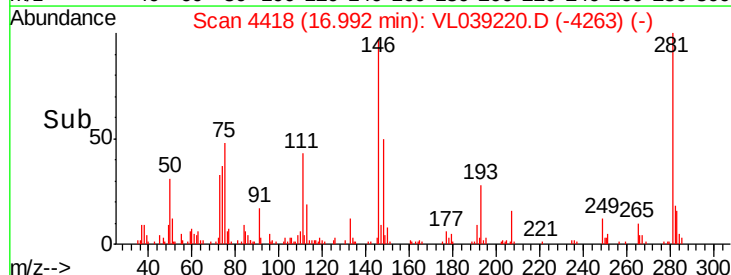
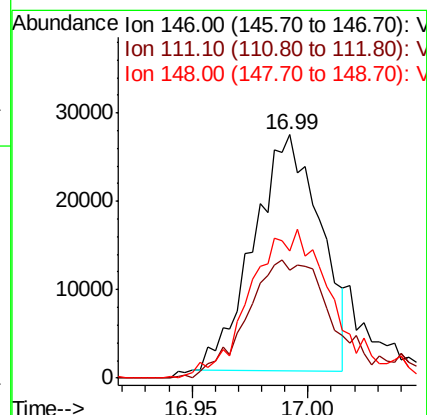
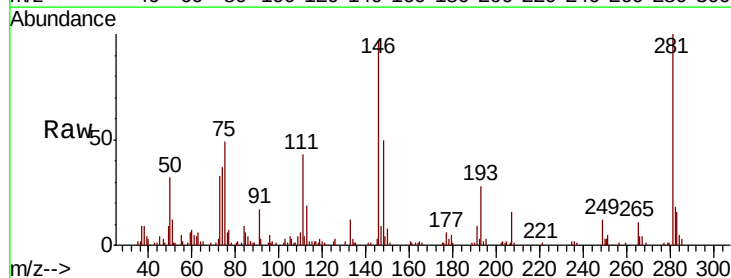
#74
 1,2,4-Trimethylbenzene
 Concen: 0.255 ppbv
 RT: 16.75 min Scan# 4343
 Delta R.T. -0.01 min
 Lab File: VL039220.D
 Acq: 7 Jun 2022 22:15

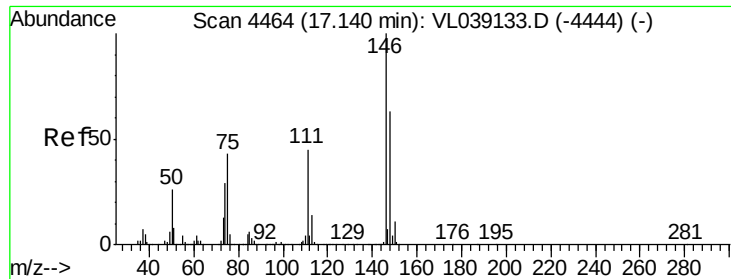
Tot Ion:	105	Resp:	50376
Ion	Ratio	Lower	Upper
105	100		
120	36.1	38.1	57.1#
91	89.6	47.4	71.0#
77	29.1	19.5	29.3



#75
 1,3-Dichlorobenzene
 Concen: 0.477 ppbv
 RT: 16.99 min Scan# 4418
 Delta R.T. -0.00 min
 Lab File: VL039220.D
 Acq: 7 Jun 2022 22:15

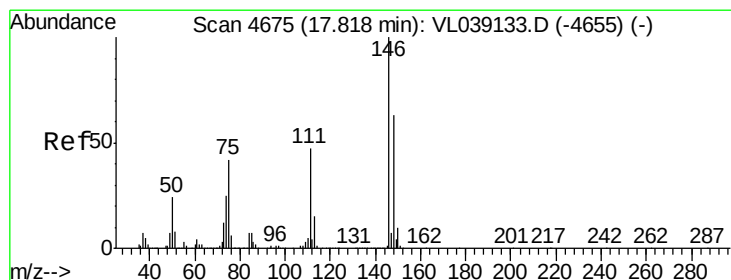
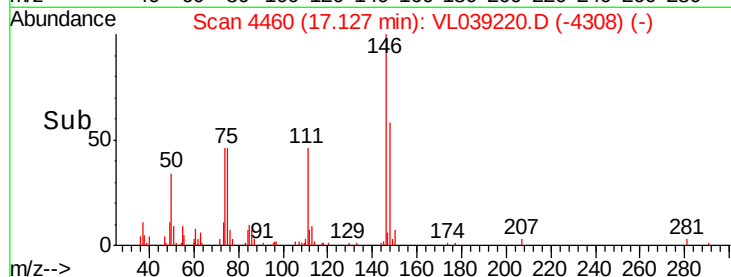
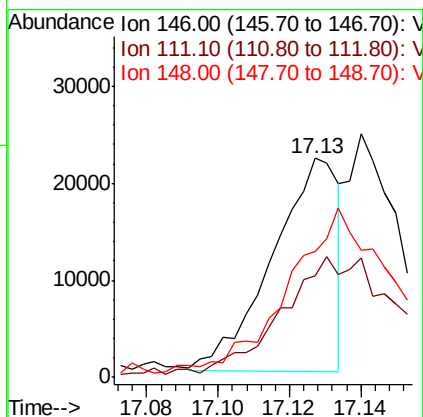
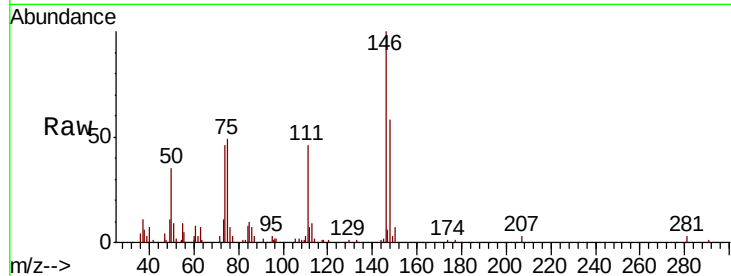
Tgt Ion:	146	Resp:	53412
Ion	Ratio	Lower	Upper
146	100		
111	68.4	23.8	71.4
148	81.8	32.4	97.0





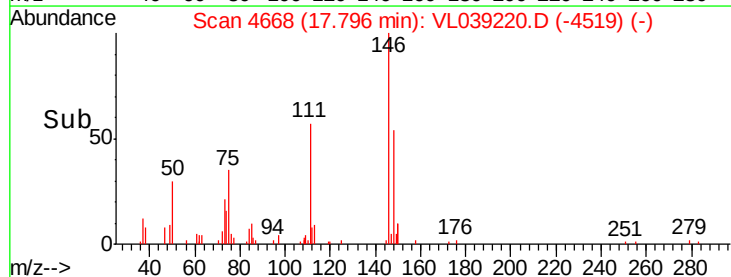
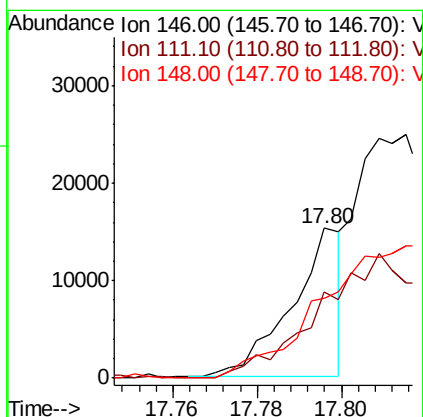
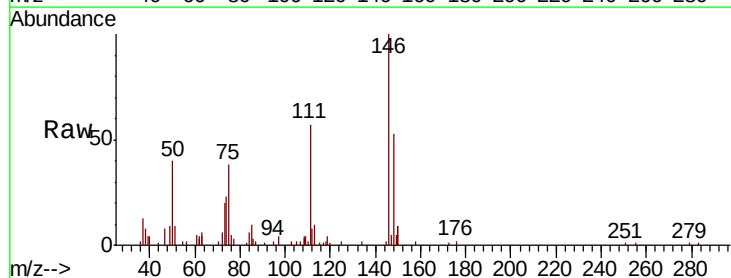
#76
 1,4-Dichlorobenzene
 Concen: 0.253 ppbv
 RT: 17.13 min Scan# 4460
 Delta R.T. -0.01 min
 Lab File: VL039220.D
 Acq: 7 Jun 2022 22:15

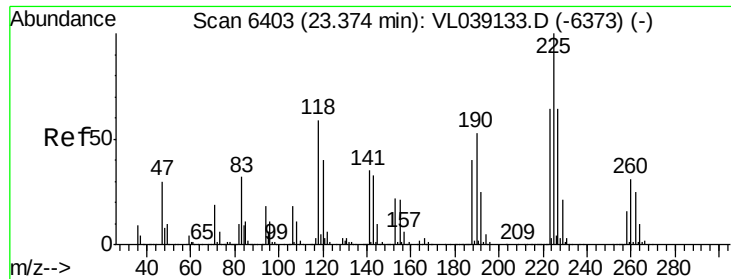
Tot Ion:146 Resp: 28252
 Ion Ratio Lower Upper
 146 100
 111 105.8 23.6 71.0#
 148 139.2 33.7 101.0#



#77
 1,2-Dichlorobenzene
 Concen: 0.111 ppbv
 RT: 17.80 min Scan# 4668
 Delta R.T. -0.02 min
 Lab File: VL039220.D
 Acq: 7 Jun 2022 22:15

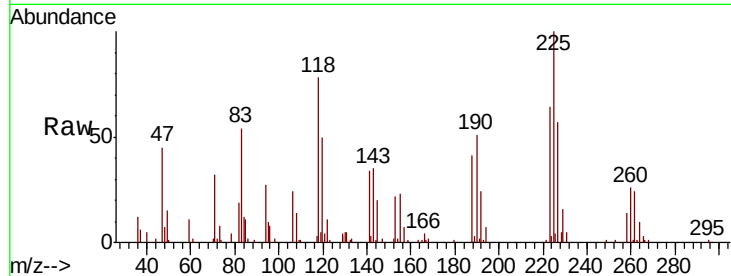
Tgt Ion:146 Resp: 12529
 Ion Ratio Lower Upper
 146 100
 111 0.0 24.4 73.4#
 148 0.0 32.1 96.5#



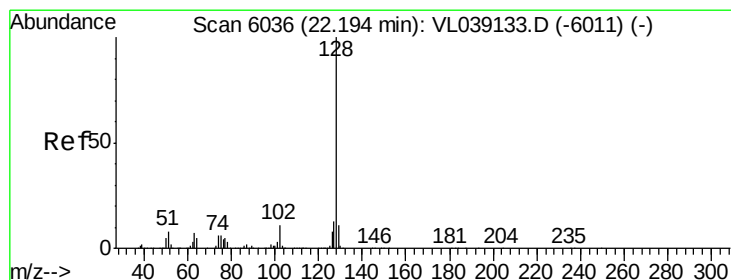
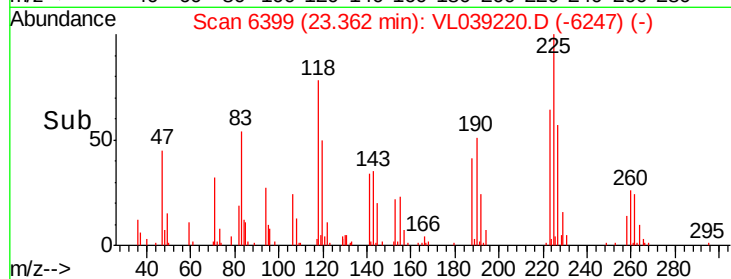
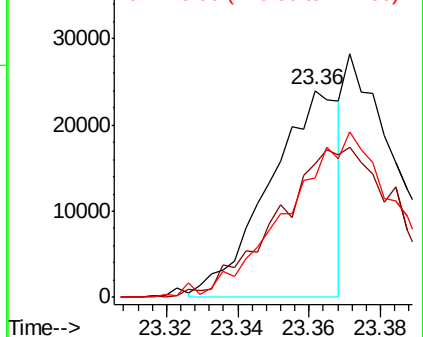


#78
Hexachloro-1,3-Butadiene
Concen: 0.314 ppbv
RT: 23.36 min Scan# 6399
Delta R.T. -0.01 min
Lab File: VL039220.D
Acq: 7 Jun 2022 22:15

Tot Ion:225 Resp: 32334
Ion Ratio Lower Upper
225 100
223 0.0 51.4 77.0#
227 0.0 50.6 75.8#

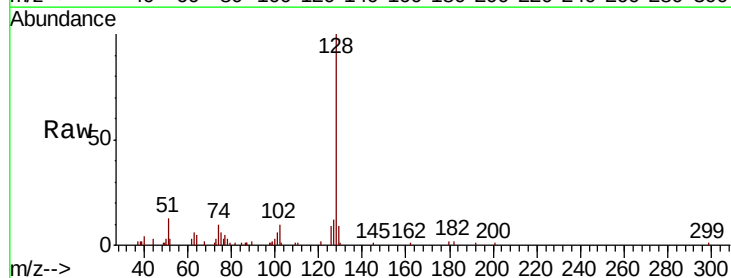


Abundance Ion 224.90 (224.60 to 225.60): V
Ion 222.90 (222.60 to 223.60): V
Ion 226.90 (226.60 to 227.60): V

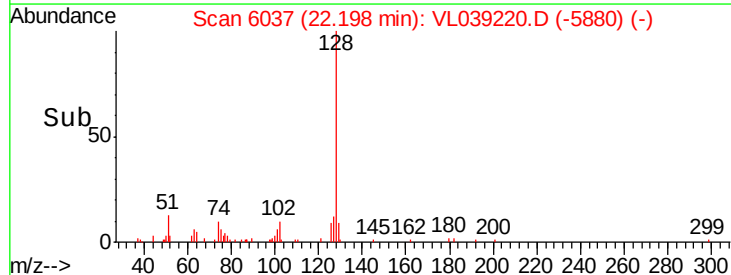
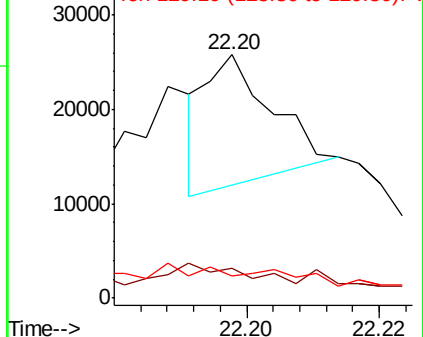


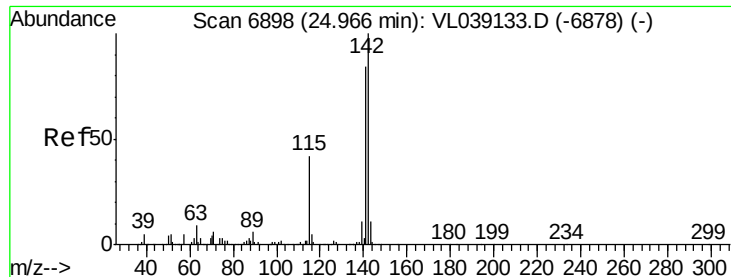
#79
Naphthalene
Concen: 0.063 ppbv
RT: 22.20 min Scan# 6037
Delta R.T. 0.00 min
Lab File: VL039220.D
Acq: 7 Jun 2022 22:15

Tgt Ion:128 Resp: 9518
Ion Ratio Lower Upper
128 100
127 14.6 10.4 15.6
129 9.2 9.0 13.6



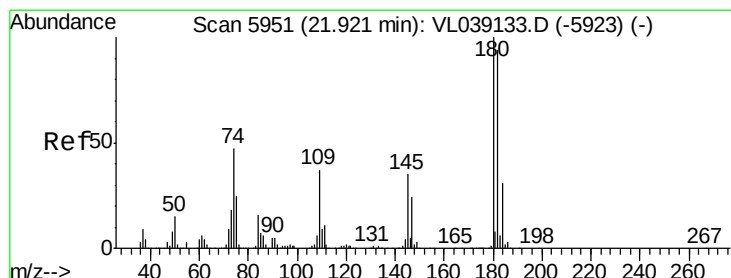
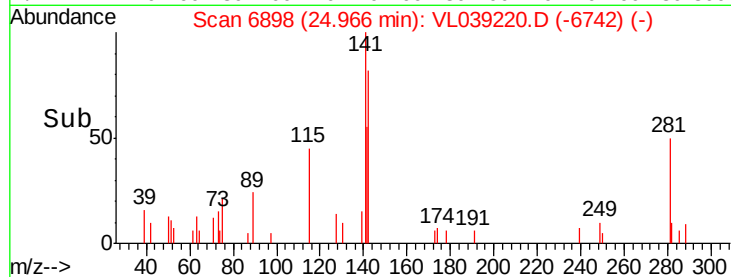
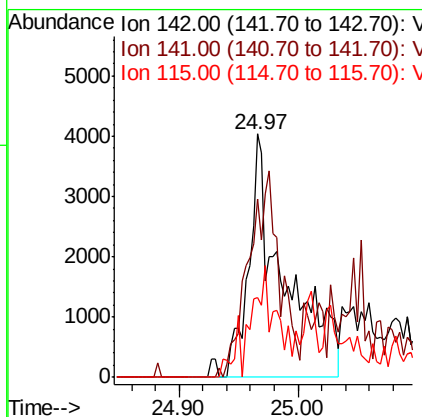
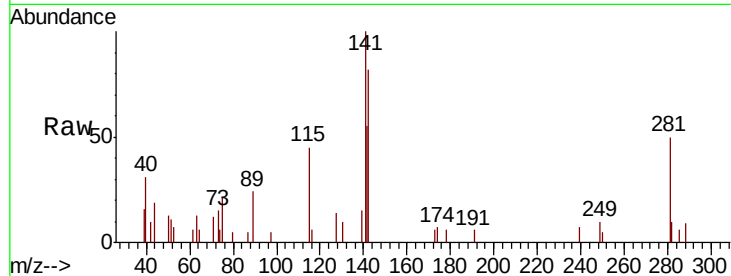
Abundance Ion 128.10 (127.80 to 128.80): V
Ion 127.10 (126.80 to 127.80): V
Ion 129.10 (128.80 to 129.80): V





#80
Naphthalene, 2-methyl-
Concen: 0.149 ppbv
RT: 24.97 min Scan# 6898
Delta R.T. 0.00 min
Lab File: VL039220.D
Acq: 7 Jun 2022 22:15

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	64.6	96.8
115	34.4	32.7	49.1



#81
1,2,4-Trichlorobenzene
Concen: 0.283 ppbv
RT: 21.92 min Scan# 5950
Delta R.T. -0.00 min
Lab File: VL039220.D
Acq: 7 Jun 2022 22:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	0.0	0.0	0.0
184	0.0	0.0	0.0

