

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL060722\
 Data File : VL039219.D
 Acq On : 7 Jun 2022 21:35
 Operator : SY/AP
 Sample : N3214-13 0.4 LOD
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 08 05:01:25 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL053122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 01 01:22:18 2022
 QLast Update : Wed Jun 01 01:22:18 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	704627	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	1722887	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	1493016	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	1313153	10.64	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.40%

Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.05	85	74634	0.603	ppbv 97
3) Chlorodifluoromethane	2.99	51	57248	0.639	ppbv 98
4) Chloromethane	3.14	50	28914	0.628	ppbv 94
5) Vinyl Chloride	3.26	62	25686	0.597	ppbv 91
6) Bromomethane	3.47	94	10227	0.483	ppbv 88
7) Chloroethane	3.56	64	7953	0.530	ppbv # 89
8) Dichlorotetrafluoroethane	3.19	85	70370	0.622	ppbv 94
9) Propene	3.01	41	7607	0.195	ppbv # 1
10) Heptane	8.12	43	44408	0.487	ppbv 96
11) Trichlorofluoromethane	3.95	101	81452	0.727	ppbv 100
12) 1,1,2-Trichlorotrifluoroet	4.49	101	58370	0.788	ppbv 94
13) Ethanol	3.61	45	1602	0.751	ppbv # 100
14) Bromoethene	3.74	108	19951	0.599	ppbv # 86
15) Acetone	3.86	43	24019	0.327	ppbv # 8
16) 1,3-Butadiene	3.33	39	20230	0.513	ppbv # 75
18) 1,1-Dichloroethene	4.29	96	23742	0.714	ppbv 87
19) Isopropyl Alcohol	3.98	45	10156	0.295	ppbv # 93
20) Methylene Chloride	4.35	84	27370	0.885	ppbv 90
21) Allvl Chloride	4.41	41	27933	0.564	ppbv # 79
22) trans-1,2-Dichloroethene	4.88	96	12709	0.397	ppbv 91
23) Vinyl Acetate	5.08	43	34413	0.567	ppbv # 90
24) 1,1-Dichloroethane	5.01	63	45955	0.552	ppbv 99
25) Ethyl Acetate	5.68	43	83832	0.507	ppbv # 96
26) Hexane	5.68	57	17847	0.245	ppbv # 1
27) Carbon Disulfide	4.55	76	32858	0.436	ppbv # 81
28) Methyl tert-Butyl Ether	5.04	73	22208	0.277	ppbv # 52
29) Chloroform	5.75	83	72373	0.592	ppbv 95
30) Cyclohexane	7.13	84	11713	0.192	ppbv # 1
31) cis-1,2-Dichloroethene	5.55	61	38595	0.521	ppbv # 84
32) 1,1,1-Trichloroethane	6.51	97	71489	0.597	ppbv 96
34) 2-Butanone	5.25	43	38518	0.412	ppbv # 87
35) Carbon Tetrachloride	7.02	117	36229	0.288	ppbv 93
36) Benzene	6.89	78	72267	0.517	ppbv 95
37) 1,2-Dichloroethane	6.30	62	56815	0.617	ppbv 100
38) Trichloroethene	7.83	130	30567	0.476	ppbv 93
39) 1,2-Dichloropropane	7.61	63	23826	0.428	ppbv 98
42) Bromodichloromethane	7.79	83	66232	0.518	ppbv 97
43) Methyl Methacrylate	8.01	69	11696	0.215	ppbv # 1
44) 2,2,4-Trimethylpentane	7.86	57	123689	0.505	ppbv # 91
45) t-1,3-Dichloropropene	9.28	75	11047	0.195	ppbv 91
46) cis-1,3-Dichloropropene	8.70	75	6425	0.086	ppbv # 69

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QLast Update : Wed Jun 01 01:22:18 2022

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

47) 1,1,2-Trichloroethane	9.48	97	29154	0.502	ppbv	93
48) Dibromochloromethane	10.30	129	45753	0.441	ppbv	99
49) Bromoform	13.03	173	14994	0.174	ppbv #	20
50) 4-Methyl-2-Pentanone	8.76	43	34582	0.247	ppbv #	39
51) 2-Hexanone	10.14	43	10445	0.096	ppbv #	28
52) Tetrachloroethene	11.22	164	19709	0.361	ppbv #	66
53) Toluene	9.81	91	74952	0.465	ppbv	100
54) 1,2-Dibromoethane	10.61	107	20190	0.259	ppbv	90
56) 1,1,1,2-Tetrachloroethane	12.12	131	28640	0.405	ppbv #	1
57) Chlorobenzene	12.14	112	36116	0.321	ppbv #	82
59) m/p-Xylene	12.99	91	31987	0.177	ppbv #	33
60) o-Xylene	13.69	91	87896	0.517	ppbv	97
61) Styrene	13.52	104	10676	0.117	ppbv #	25
62) Isopropylbenzene	14.66	105	128706	0.509	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.67	83	29788	0.312	ppbv #	48
64) n-propylbenzene	15.55	120	19954	0.321	ppbv	90
65) tert-Butylbenzene	16.74	119	55829	0.241	ppbv #	1
66) Benzyl Chloride	16.98	91	4403	0.146	ppbv #	1
67) sec-Butylbenzene	17.29	105	164994	0.523	ppbv	98
69) p-Isopropyltoluene	17.65	119	131486	0.494	ppbv #	93
70) n-Butylbenzene	18.54	91	60906	0.223	ppbv #	33
71) 2-Chlorotoluene	15.45	91	56243	0.292	ppbv #	44
72) 4-Ethyltoluene	15.84	105	92163	0.462	ppbv #	94
73) 1,3,5-Trimethylbenzene	16.00	105	50461	0.281	ppbv	95
74) 1,2,4-Trimethylbenzene	16.75	105	48070	0.239	ppbv #	90
75) 1,3-Dichlorobenzene	16.98	146	16550	0.146	ppbv #	23
76) 1,4-Dichlorobenzene	17.13	146	22868	0.202	ppbv #	22
77) 1,2-Dichlorobenzene	17.80	146	21415	0.187	ppbv #	22
78) Hexachloro-1,3-Butadiene	23.36	225	25715	0.246	ppbv #	18
79) Naphthalene	22.17	128	5285	0.034	ppbv #	90
80) Naphthalene,2-methyl-	24.97	142	6924	0.121	ppbv #	63
81) 1,2,4-Trichlorobenzene	21.90	180	5625	0.057	ppbv #	100

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

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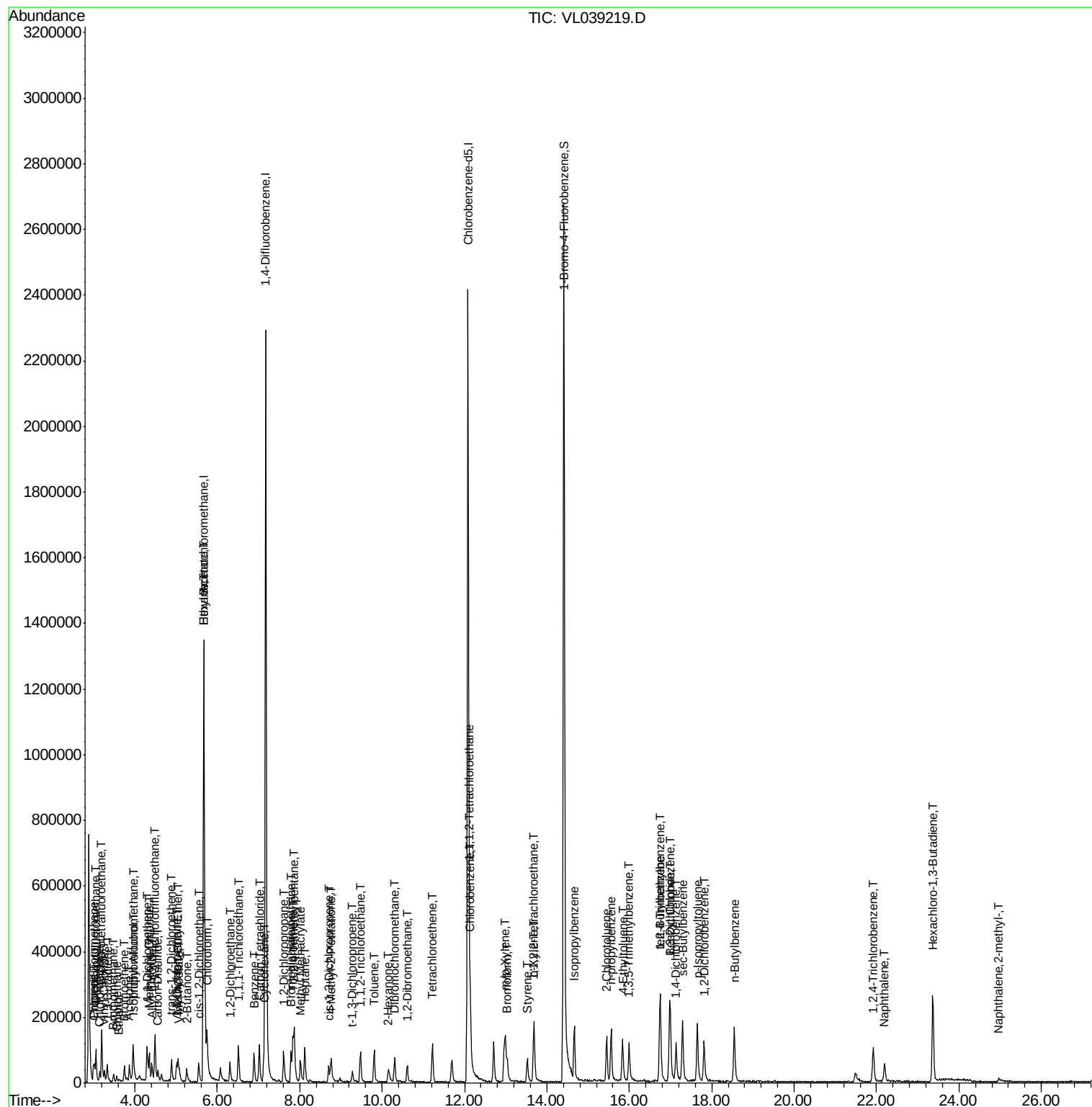
Quant Time: Jun 08 05:01:25 2022

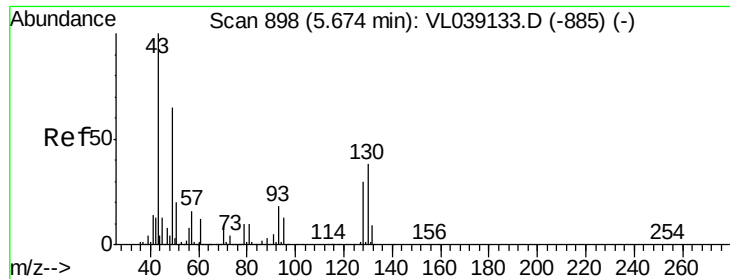
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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 895

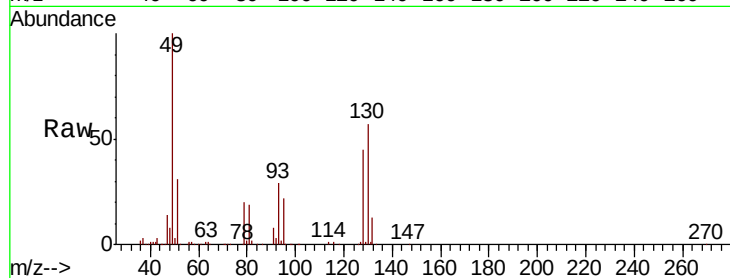
Delta R.T. -0.01 min

Lab File: VL039219.D

Acq: 7 Jun 2022 21:35

Tot Ion: 49 Resp: 704627

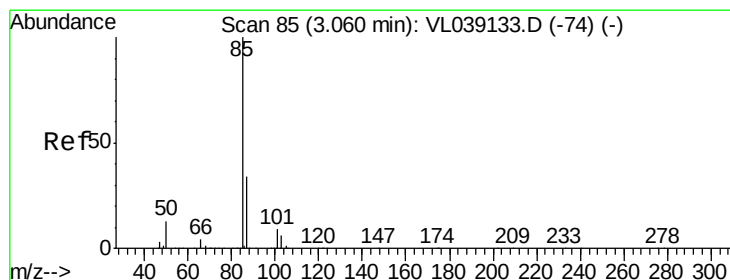
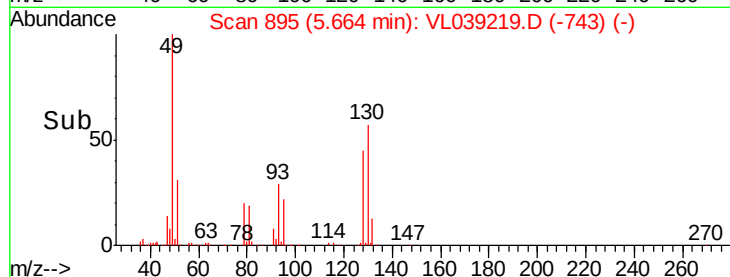
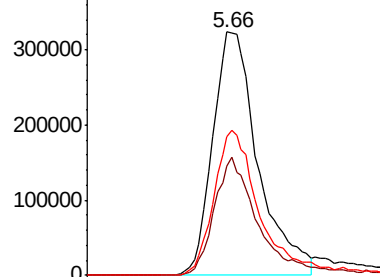
Ion	Ratio	Lower	Upper
49	100		
128	48.1	24.7	74.1
130	64.4	31.4	94.0



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: 0.603 ppbv

RT: 3.05 min Scan# 83

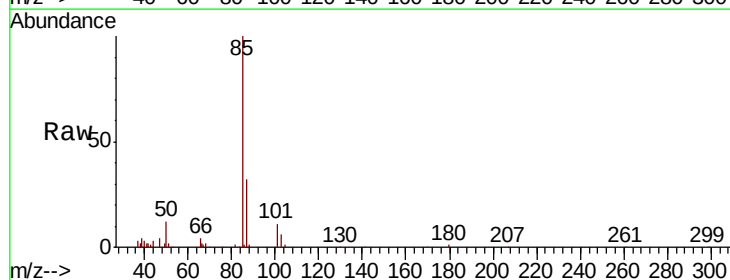
Delta R.T. -0.01 min

Lab File: VL039219.D

Acq: 7 Jun 2022 21:35

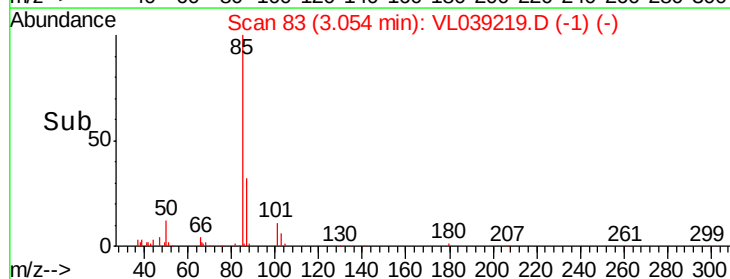
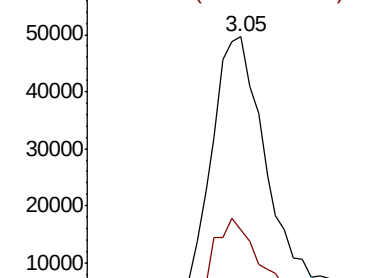
Tgt Ion: 85 Resp: 74634

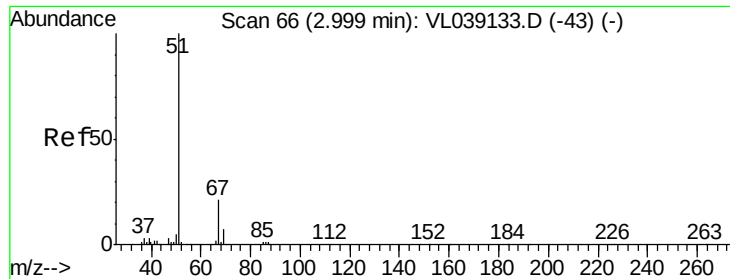
Ion	Ratio	Lower	Upper
85	100		
87	32.0	26.9	40.3



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.639 ppbv

RT: 2.99 min Scan# 63

Delta R.T. -0.01 min

Lab File: VL039219.D

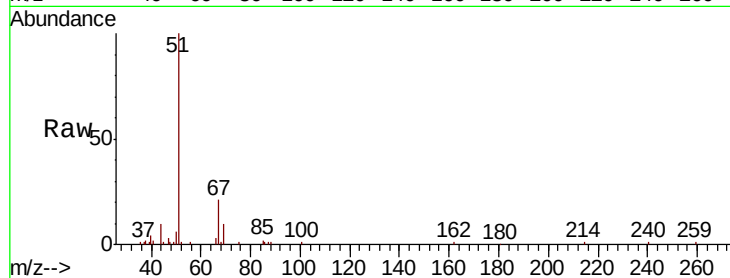
Acq: 7 Jun 2022 21:35

Tot Ion: 51 Resp: 57248

Ion Ratio Lower Upper

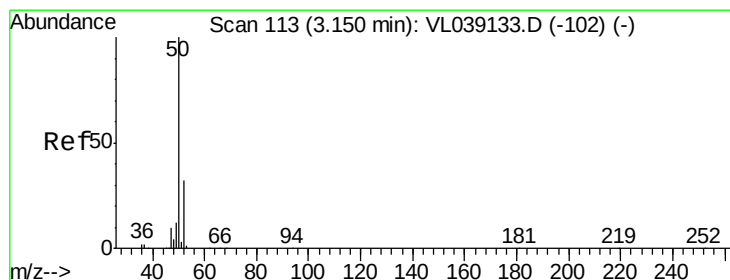
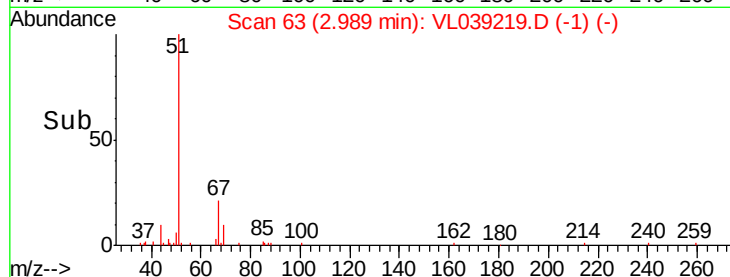
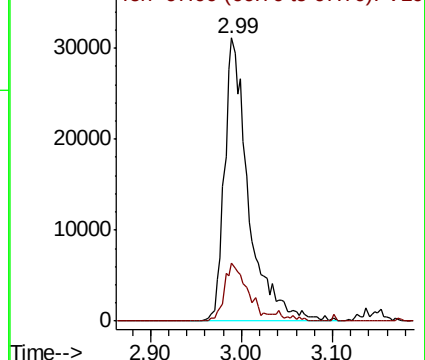
51 100

67 19.6 16.2 24.4



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 0.628 ppbv

RT: 3.14 min Scan# 111

Delta R.T. -0.01 min

Lab File: VL039219.D

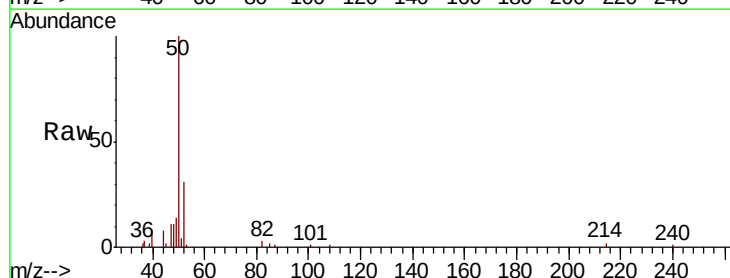
Acq: 7 Jun 2022 21:35

Tgt Ion: 50 Resp: 28914

Ion Ratio Lower Upper

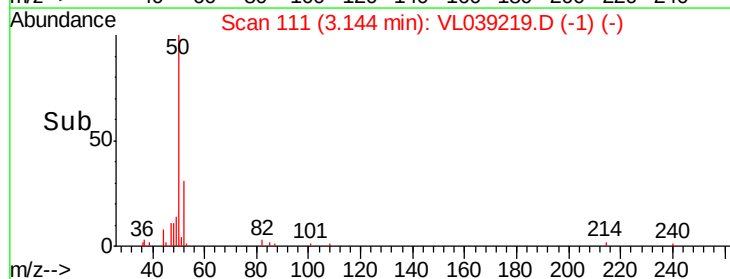
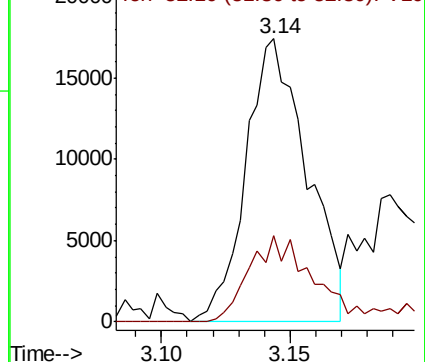
50 100

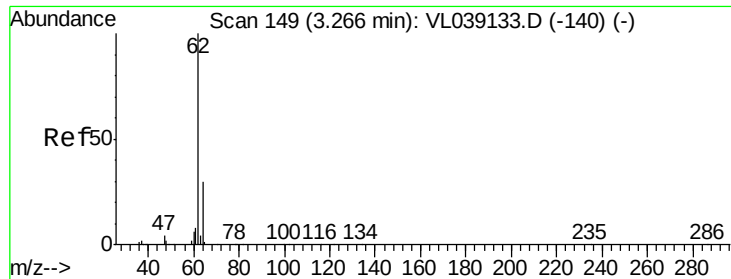
52 29.3 25.9 38.9



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#5

Vinyl Chloride

Concen: 0.597 ppbv

RT: 3.26 min Scan# 148

Delta R.T. -0.00 min

Lab File: VL039219.D

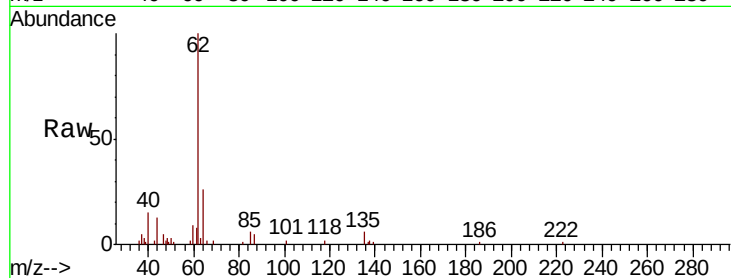
Acq: 7 Jun 2022 21:35

Tot Ion: 62 Resp: 25686

Ion Ratio Lower Upper

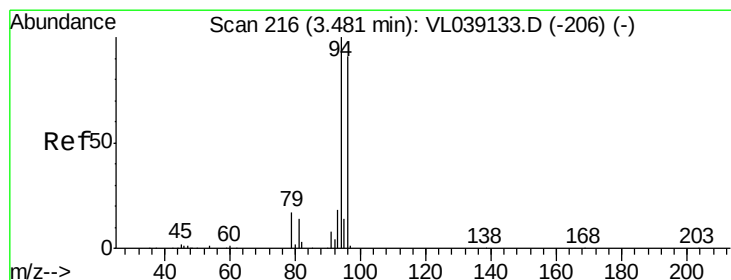
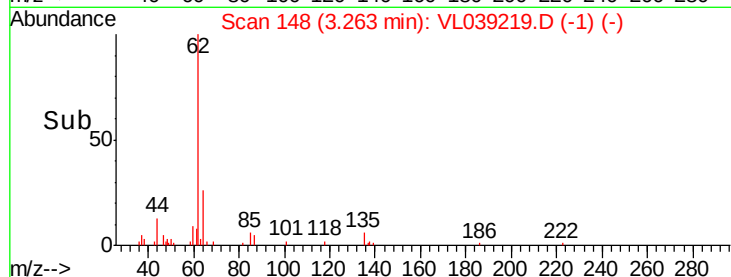
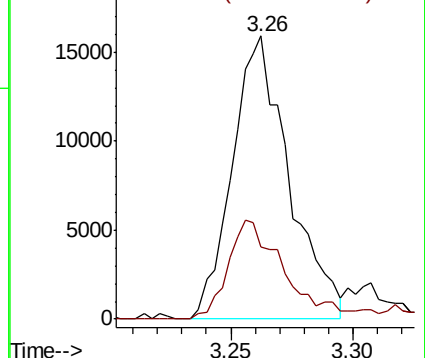
62 100

64 25.6 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: 0.483 ppbv

RT: 3.47 min Scan# 214

Delta R.T. -0.01 min

Lab File: VL039219.D

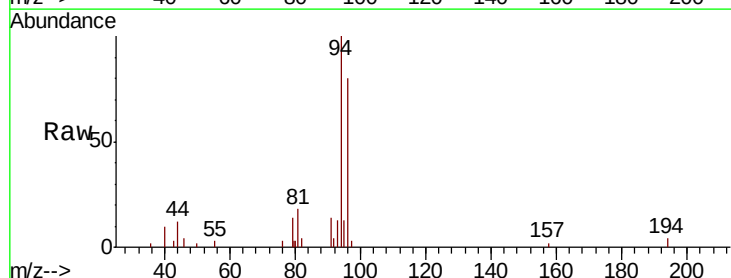
Acq: 7 Jun 2022 21:35

Tgt Ion: 94 Resp: 10227

Ion Ratio Lower Upper

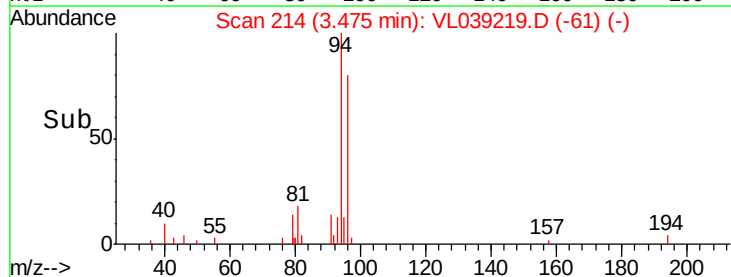
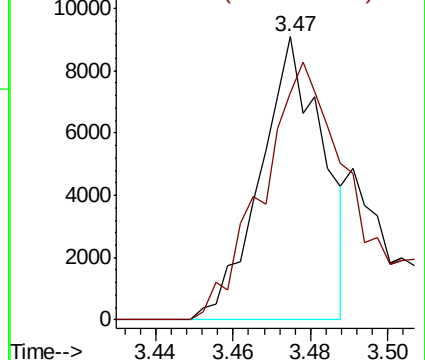
94 100

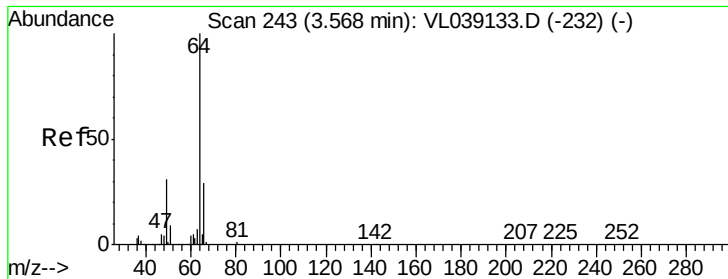
96 80.2 73.0 109.4



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0





#7

Chloroethane

Concen: 0.530 ppbv

RT: 3.56 min Scan# 241

Delta R.T. -0.01 min

Lab File: VL039219.D

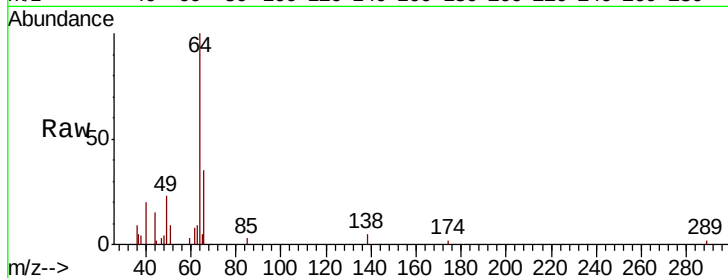
Acq: 7 Jun 2022 21:35

Tot Ion: 64 Resp: 7953

Ion Ratio Lower Upper

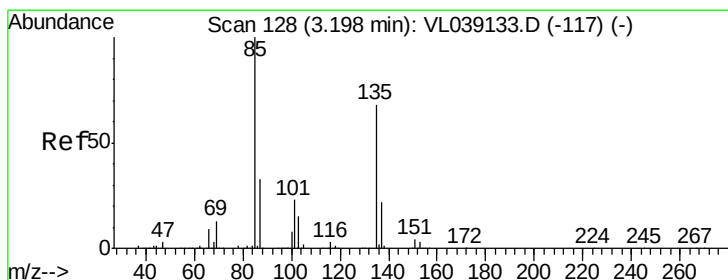
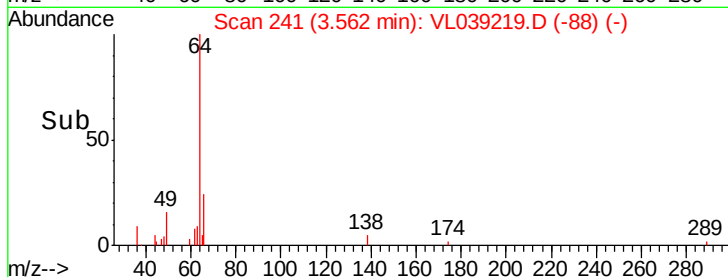
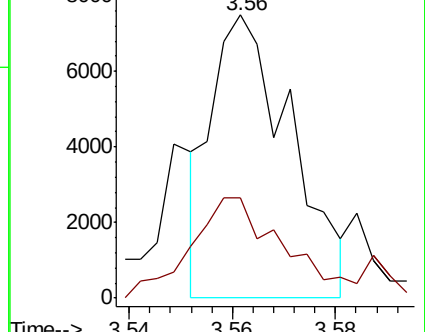
64 100

66 35.4 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: 0.622 ppbv

RT: 3.19 min Scan# 126

Delta R.T. -0.01 min

Lab File: VL039219.D

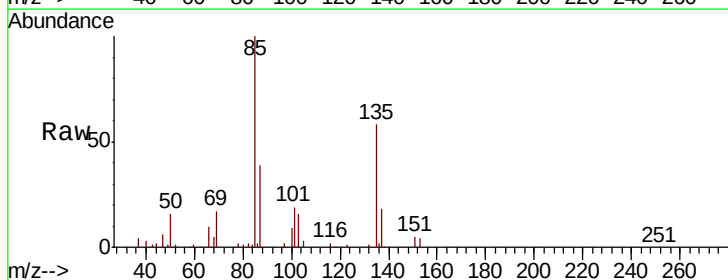
Acq: 7 Jun 2022 21:35

Tgt Ion: 85 Resp: 70370

Ion Ratio Lower Upper

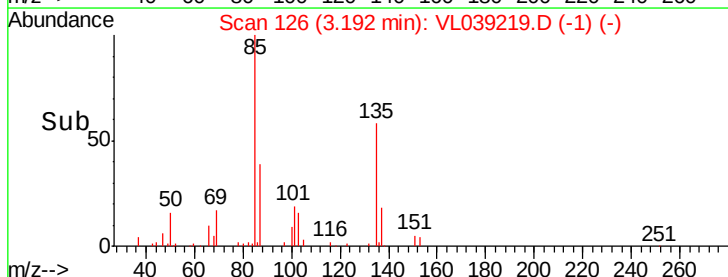
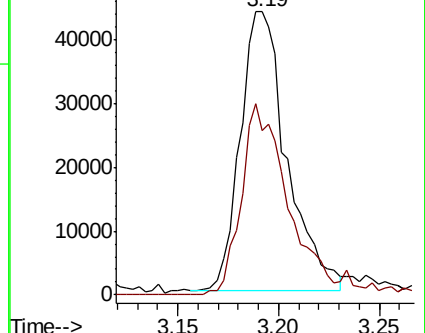
85 100

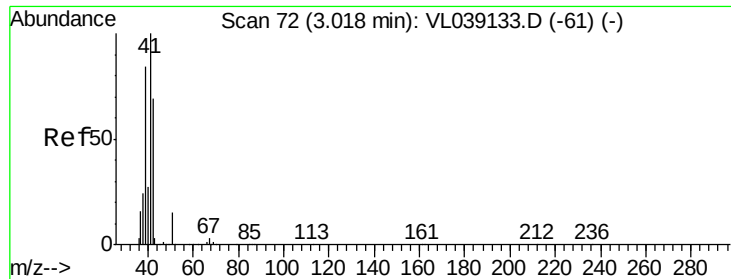
135 73.5 55.0 82.4



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V





#9

Propene

Concen: 0.195 ppbv

RT: 3.01 min Scan# 69

Delta R.T. -0.01 min

Lab File: VL039219.D

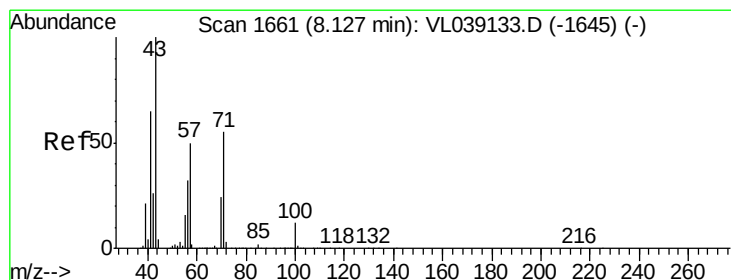
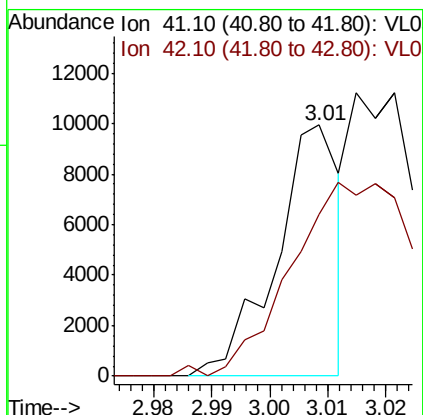
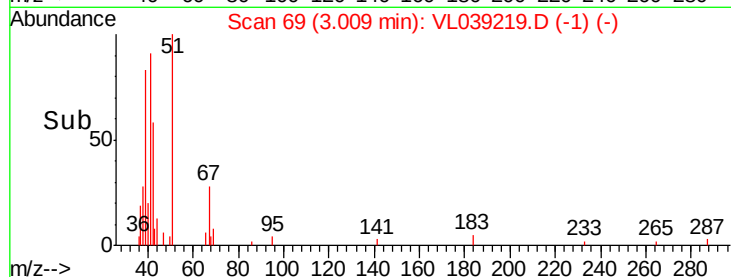
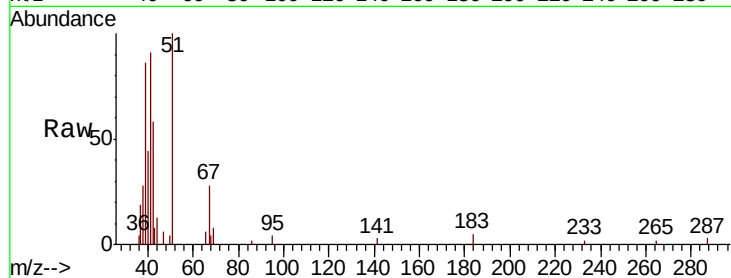
Acq: 7 Jun 2022 21:35

Tot Ion: 41 Resp: 7607

Ion Ratio Lower Upper

41 100

42 211.7 55.4 83.2#



#10

Heptane

Concen: 0.487 ppbv

RT: 8.12 min Scan# 1660

Delta R.T. -0.00 min

Lab File: VL039219.D

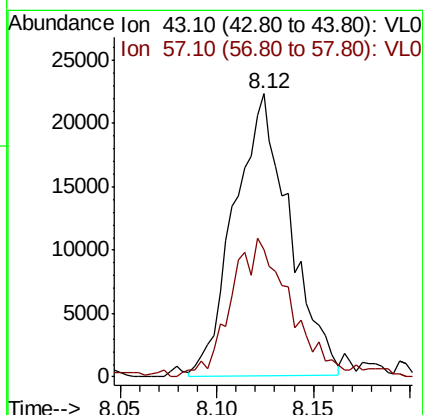
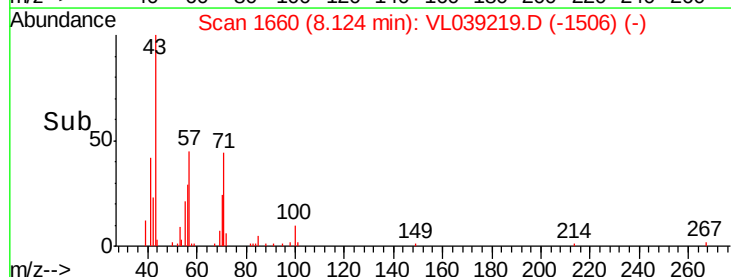
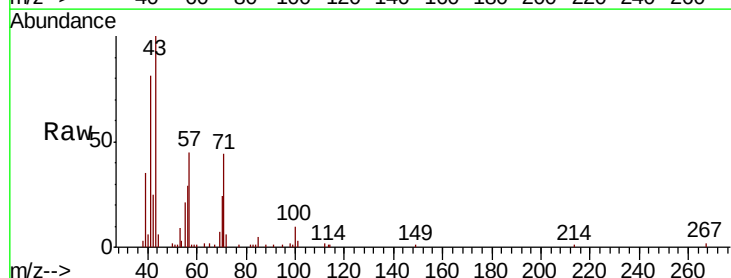
Acq: 7 Jun 2022 21:35

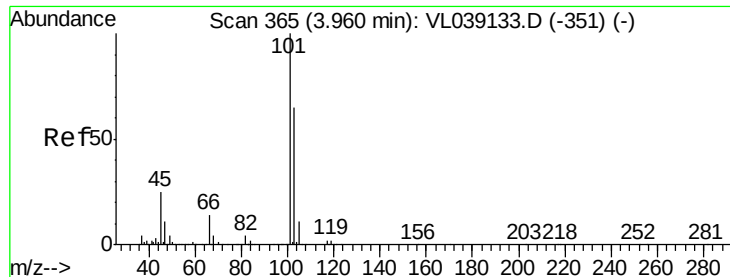
Tgt Ion: 43 Resp: 44408

Ion Ratio Lower Upper

43 100

57 54.4 41.4 62.2





#11

Trichlorofluoromethane

Concen: 0.727 ppbv

RT: 3.95 min Scan# 363

Delta R.T. -0.01 min

Lab File: VL039219.D

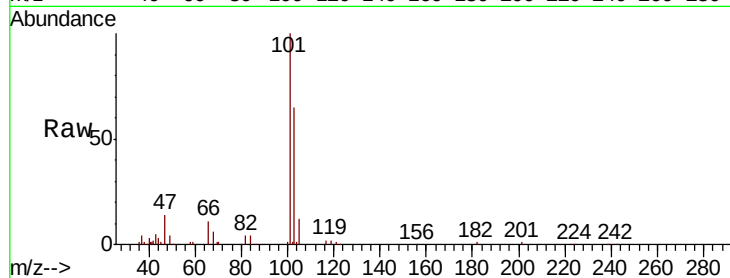
Acq: 7 Jun 2022 21:35

Tot Ion:101 Resp: 81452

Ion Ratio Lower Upper

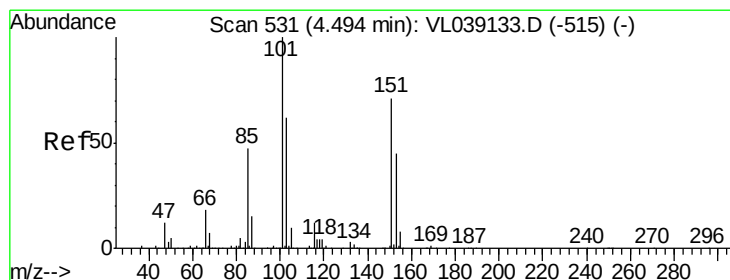
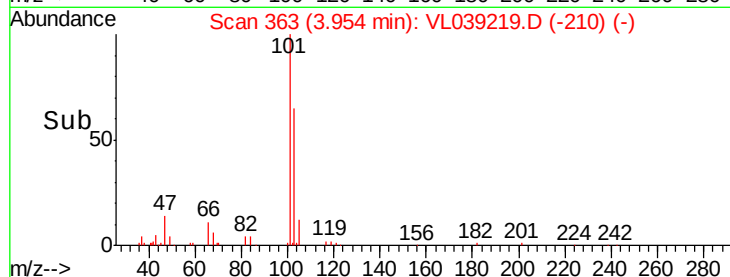
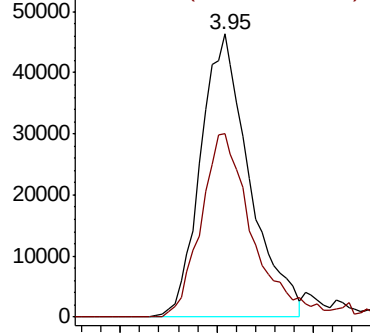
101 100

103 64.7 51.7 77.5



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.788 ppbv

RT: 4.49 min Scan# 530

Delta R.T. -0.00 min

Lab File: VL039219.D

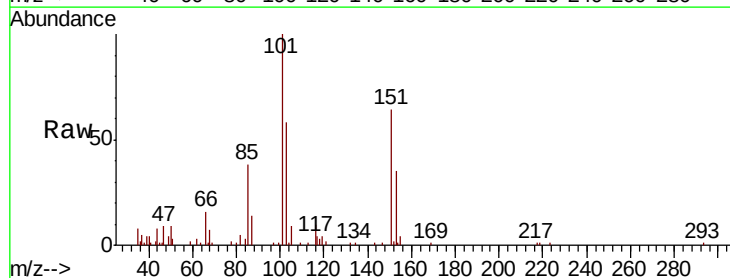
Acq: 7 Jun 2022 21:35

Tgt Ion:101 Resp: 58370

Ion Ratio Lower Upper

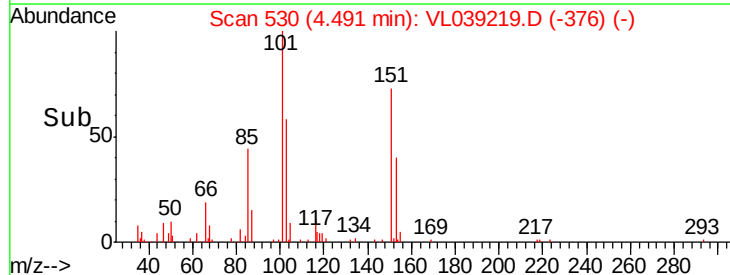
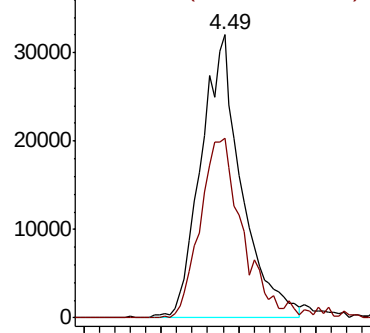
101 100

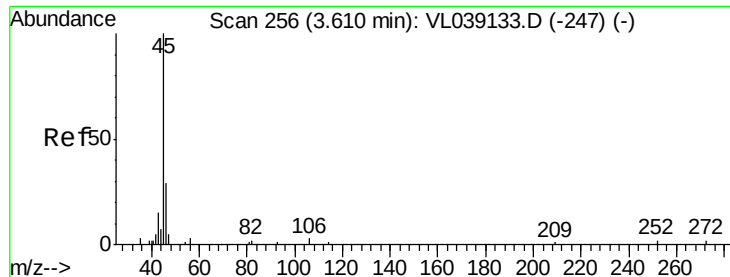
151 68.7 59.4 89.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 151.00 (150.70 to 151.70): V





#13

Ethanol

Concen: 0.751 ppbv

RT: 3.61 min Scan# 255

Delta R.T. -0.00 min

Lab File: VL039219.D

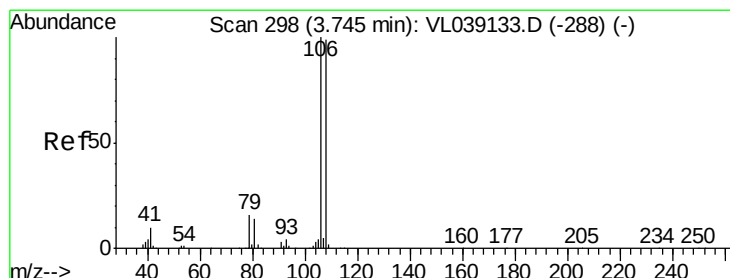
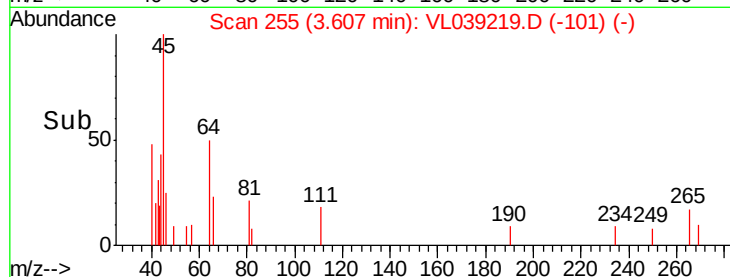
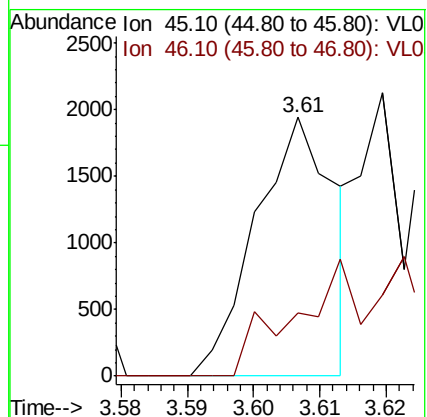
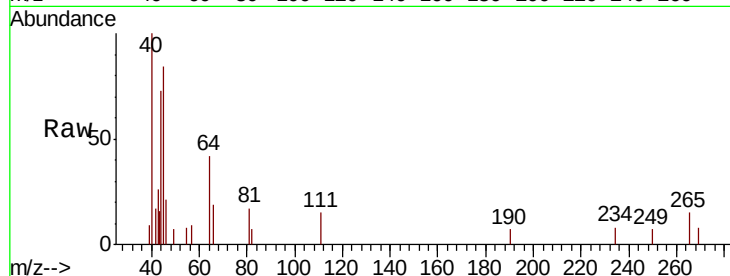
Acq: 7 Jun 2022 21:35

Tot Ion: 45 Resp: 1602

Ion Ratio Lower Upper

45 100

46 0.0 0.0 0.0



#14

Bromoethene

Concen: 0.599 ppbv

RT: 3.74 min Scan# 297

Delta R.T. -0.00 min

Lab File: VL039219.D

Acq: 7 Jun 2022 21:35

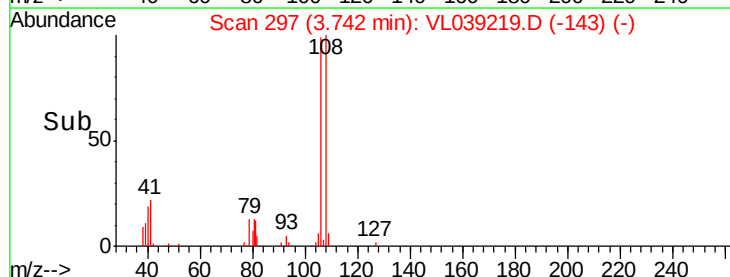
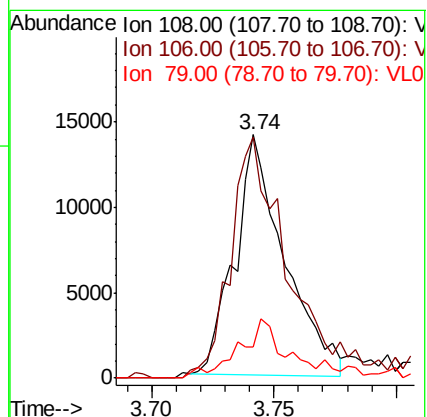
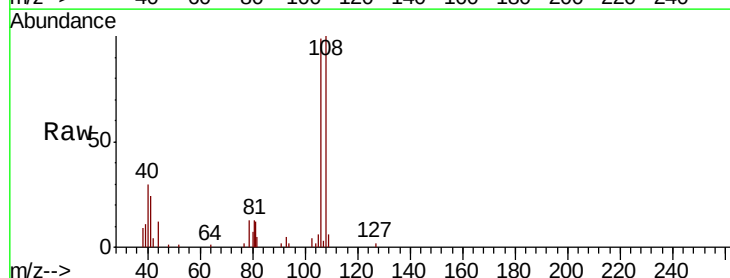
Tgt Ion: 108 Resp: 19951

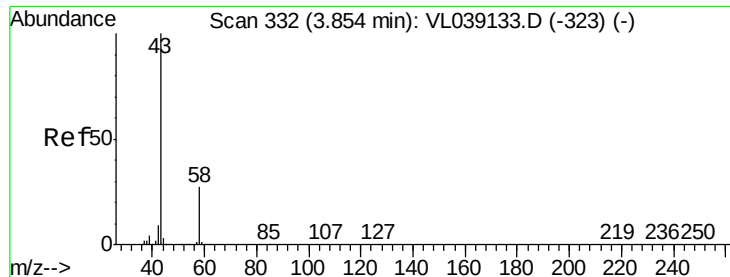
Ion Ratio Lower Upper

108 100

106 124.8 88.4 132.6

79 25.8 13.4 20.2





#15

Acetone

Concen: 0.327 ppbv

RT: 3.86 min Scan# 334

Delta R.T. 0.01 min

Lab File: VL039219.D

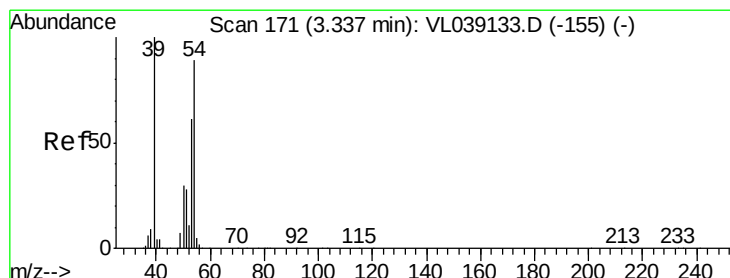
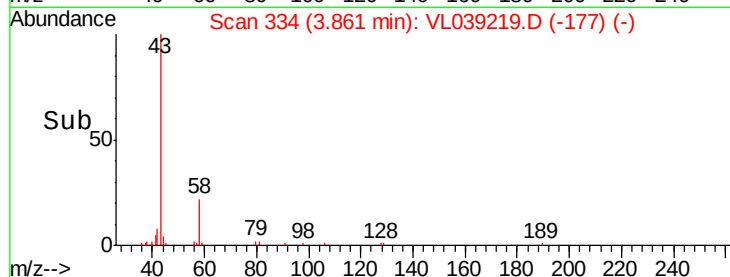
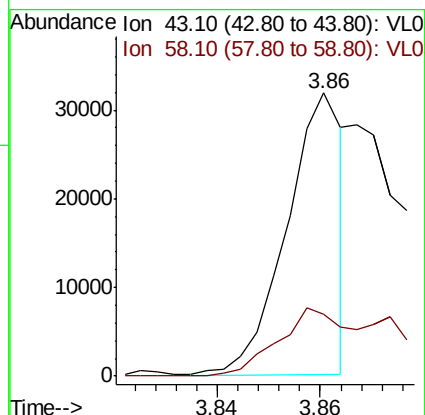
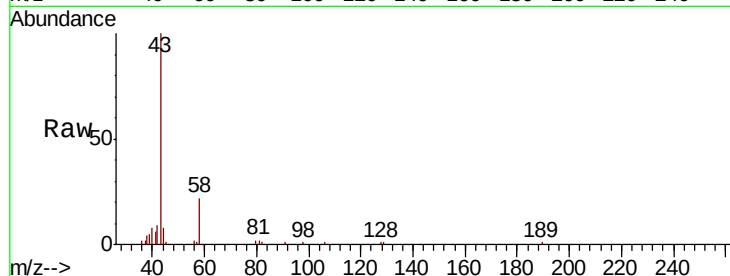
Acq: 7 Jun 2022 21:35

Tot Ion: 43 Resp: 24019

Ion Ratio Lower Upper

43 100

58 76.7 22.5 33.7#



#16

1,3-Butadiene

Concen: 0.513 ppbv

RT: 3.33 min Scan# 168

Delta R.T. -0.01 min

Lab File: VL039219.D

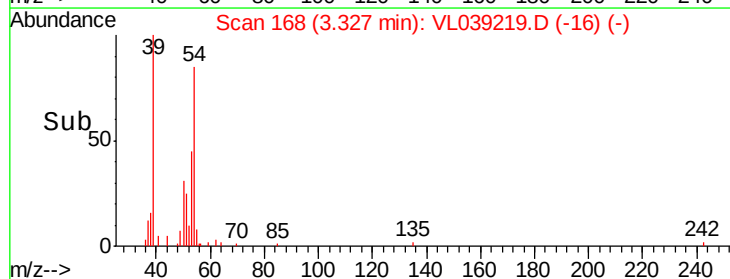
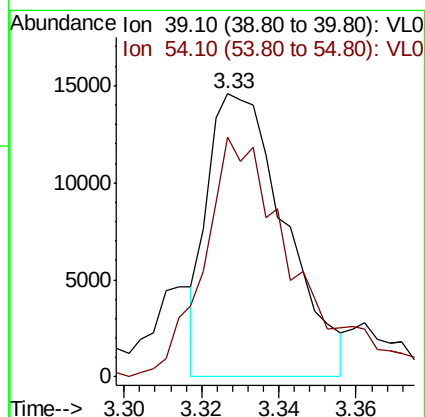
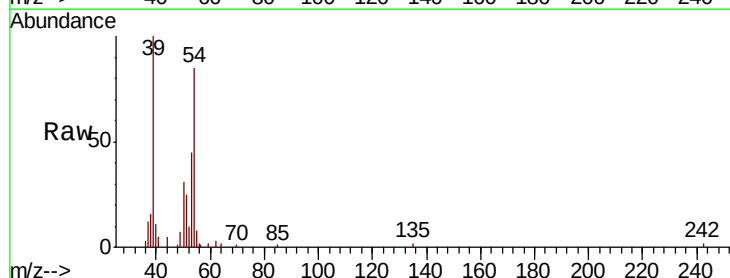
Acq: 7 Jun 2022 21:35

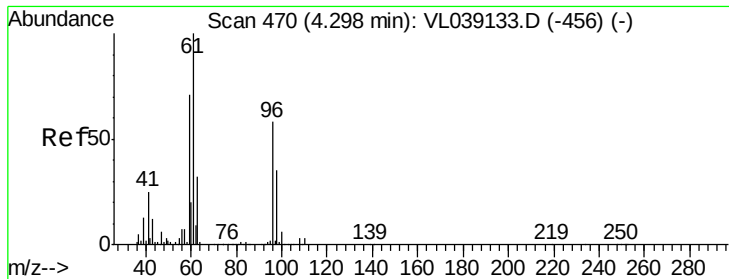
Tgt Ion: 39 Resp: 20230

Ion Ratio Lower Upper

39 100

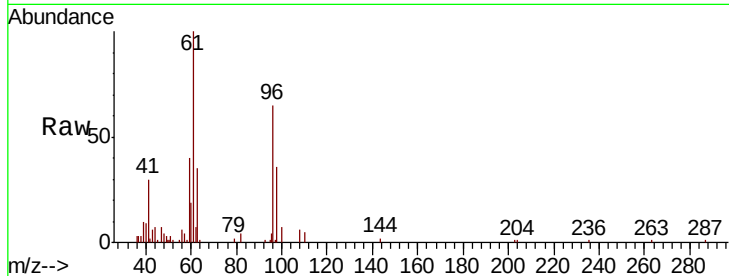
54 104.6 65.8 98.6#



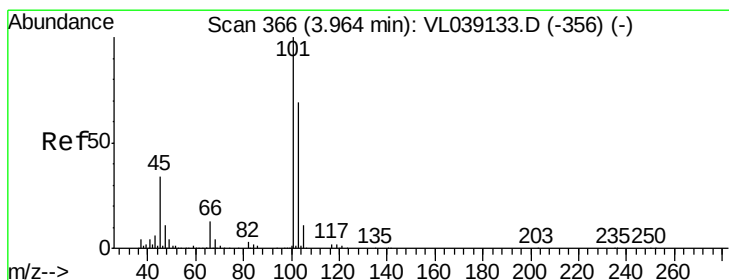
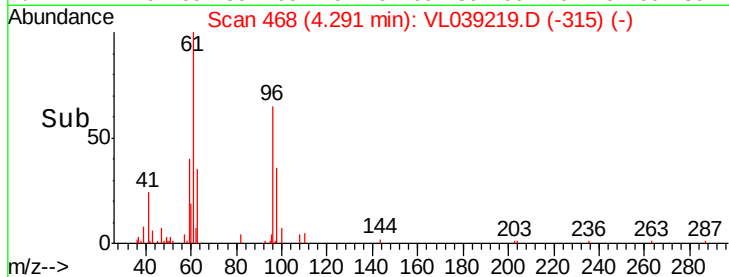
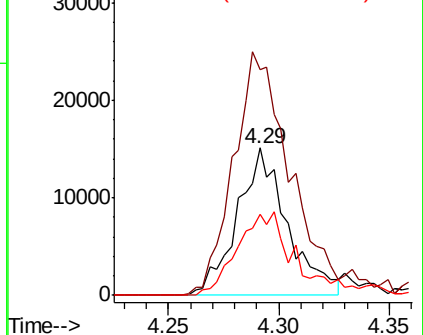


#18
 1,1-Dichloroethene
 Concen: 0.714 ppbv
 RT: 4.29 min Scan# 468
 Delta R.T. -0.01 min
 Lab File: VL039219.D
 Acq: 7 Jun 2022 21:35

Tot Ion: 96 Resp: 23742
 Ion Ratio Lower Upper
 96 100
 61 151.7 138.4 207.6
 98 55.1 47.8 71.8

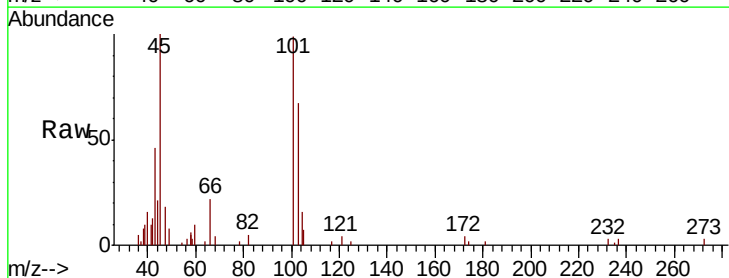


Abundance Ion 96.00 (95.70 to 96.70): VL0
 Ion 61.10 (60.80 to 61.80): VL0
 Ion 98.00 (97.70 to 98.70): VL0

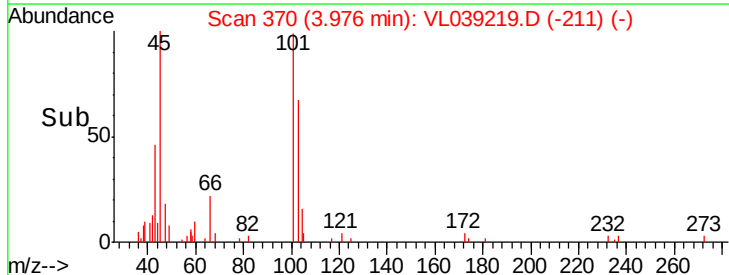
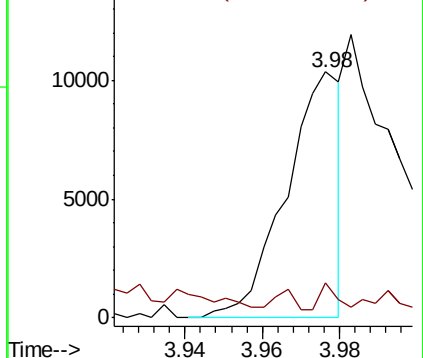


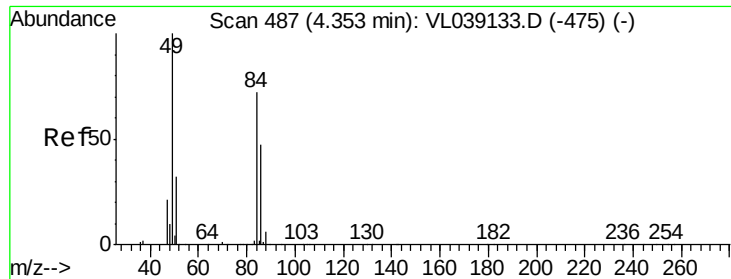
#19
 Isopropyl Alcohol
 Concen: 0.295 ppbv
 RT: 3.98 min Scan# 370
 Delta R.T. 0.01 min
 Lab File: VL039219.D
 Acq: 7 Jun 2022 21:35

Tgt Ion: 45 Resp: 10156
 Ion Ratio Lower Upper
 45 100
 58 0.0 1.8 2.8#



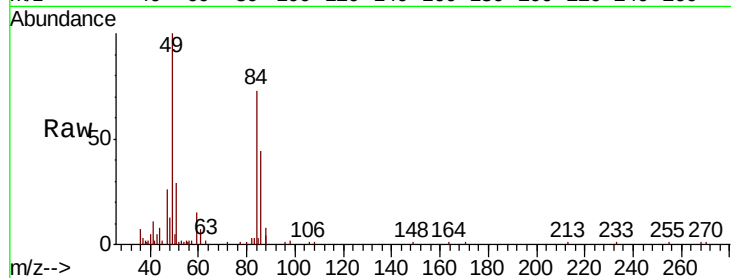
Abundance Ion 45.10 (44.80 to 45.80): VL0
 Ion 58.10 (57.80 to 58.80): VL0



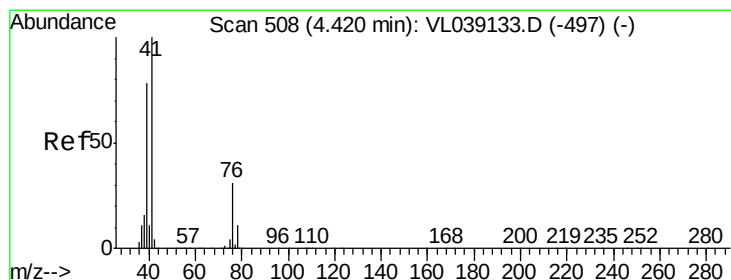
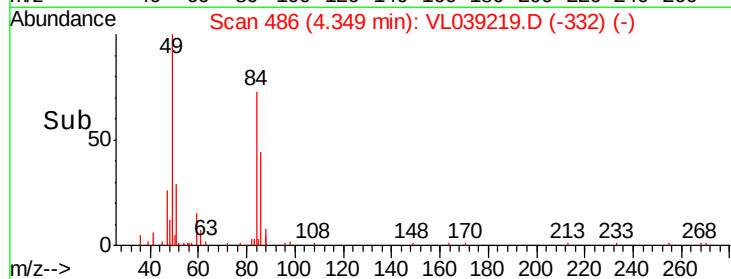
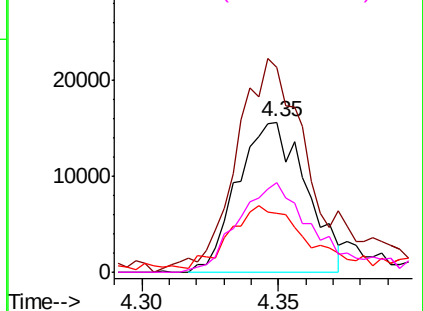


#20
Methylene Chloride
Concen: 0.885 ppbv
RT: 4.35 min Scan# 486
Delta R.T. -0.00 min
Lab File: VL039219.D
Acq: 7 Jun 2022 21:35

Tot Ion:	84	Resp:	27370
Ion	Ratio	Lower	Upper
84	100		
49	127.4	111.1	166.7
51	36.8	35.3	52.9
86	57.7	51.9	77.9

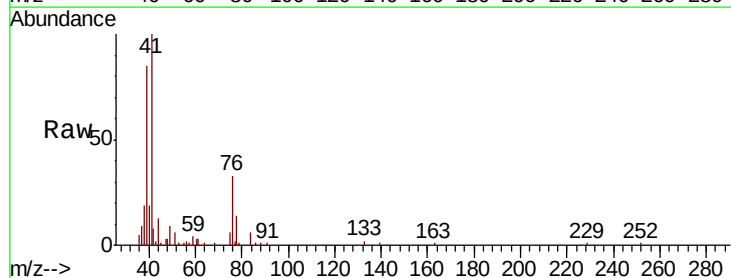


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

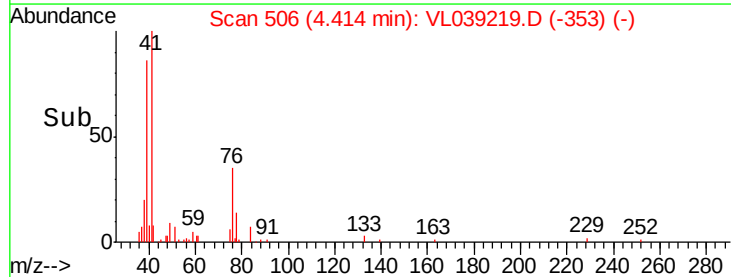
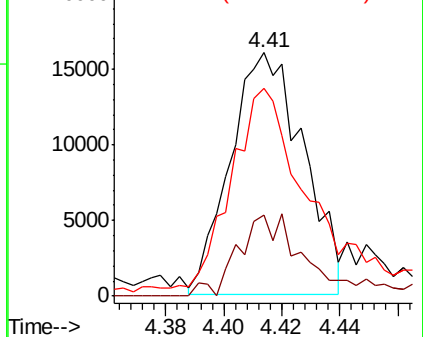


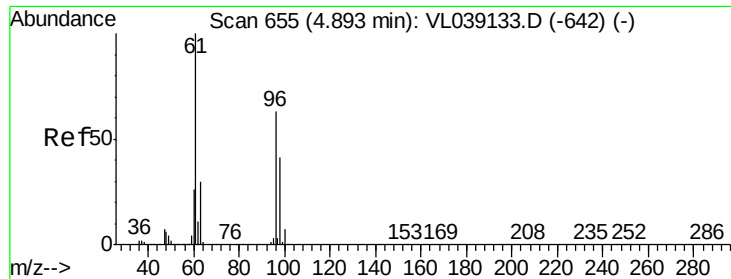
#21
Allyl Chloride
Concen: 0.564 ppbv
RT: 4.41 min Scan# 506
Delta R.T. -0.01 min
Lab File: VL039219.D
Acq: 7 Jun 2022 21:35

Tgt Ion:	41	Resp:	27933
Ion	Ratio	Lower	Upper
41	100		
76	32.8	24.2	36.2
39	101.2	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





#22

trans-1,2-Dichloroethene

Concen: 0.397 ppbv

RT: 4.88 min Scan# 652

Delta R.T. -0.01 min

Lab File: VL039219.D

Acq: 7 Jun 2022 21:35

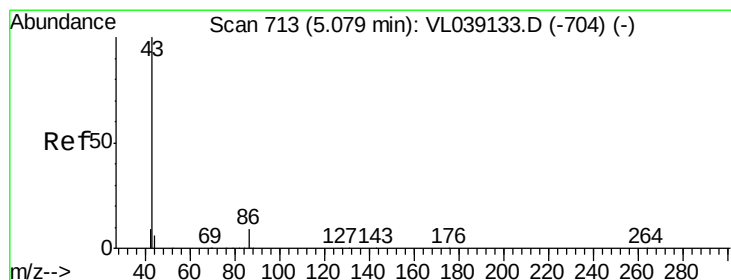
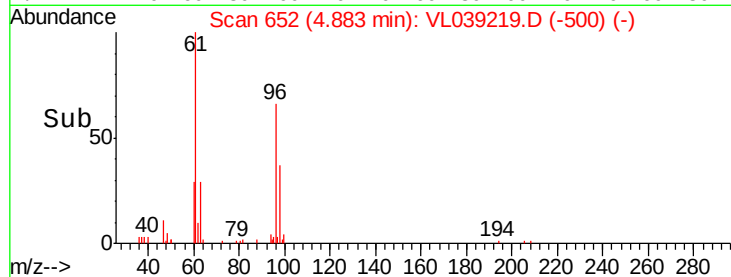
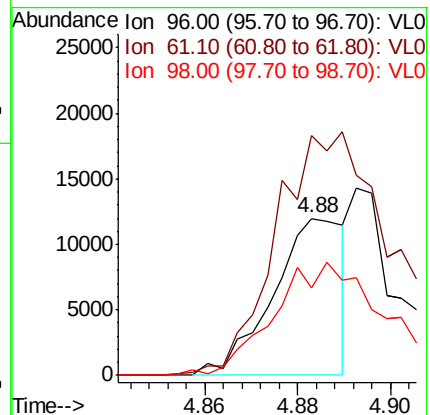
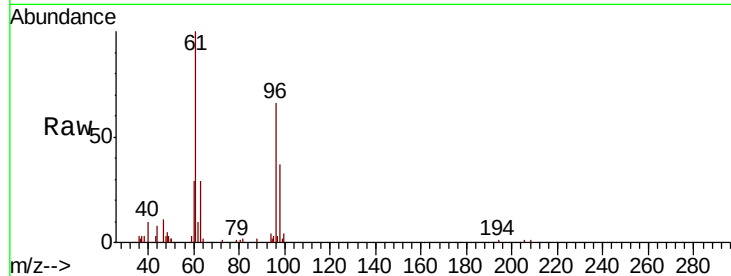
Tot Ion: 96 Resp: 12709

Ion Ratio Lower Upper

96 100

61 150.4 126.6 190.0

98 52.5 52.5 78.7



#23

Vinyl Acetate

Concen: 0.567 ppbv

RT: 5.08 min Scan# 712

Delta R.T. -0.00 min

Lab File: VL039219.D

Acq: 7 Jun 2022 21:35

Tgt Ion: 43 Resp: 34413

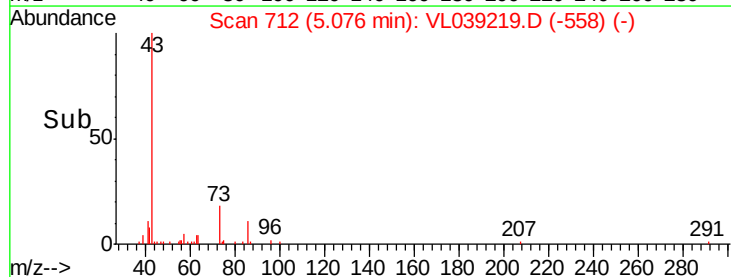
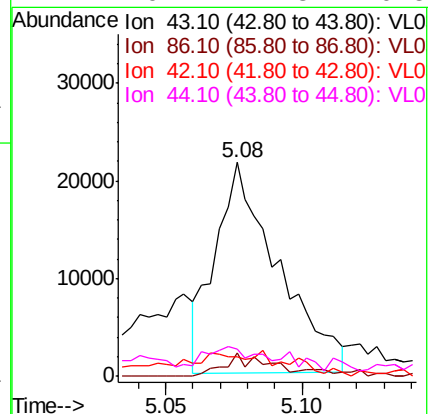
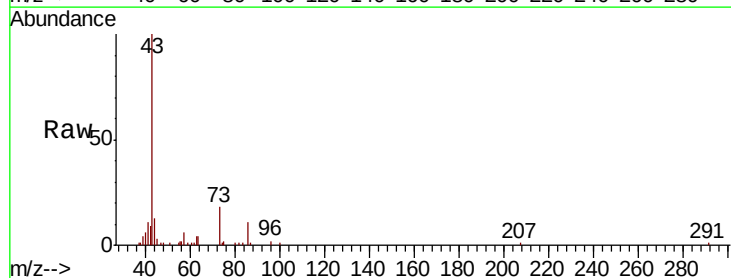
Ion Ratio Lower Upper

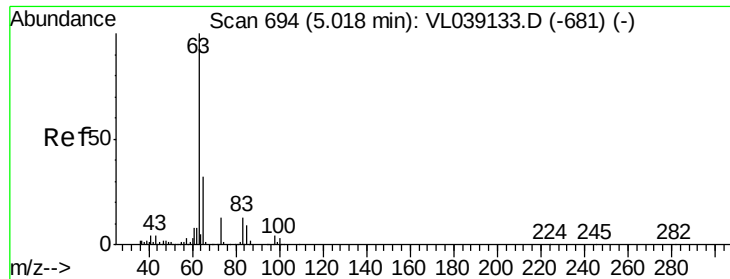
43 100

86 13.3 6.0 9.0#

42 8.7 8.2 12.4

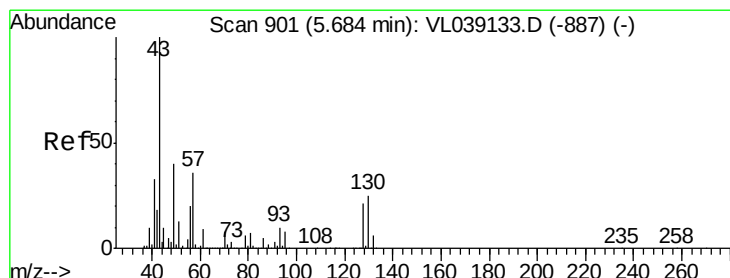
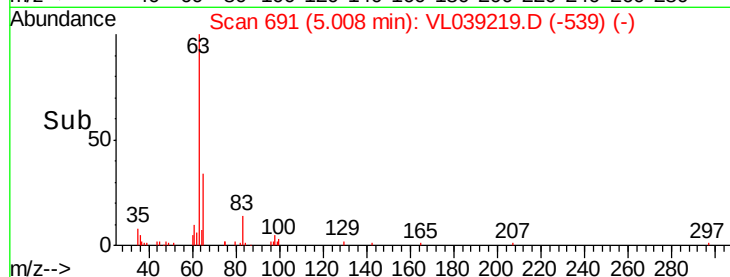
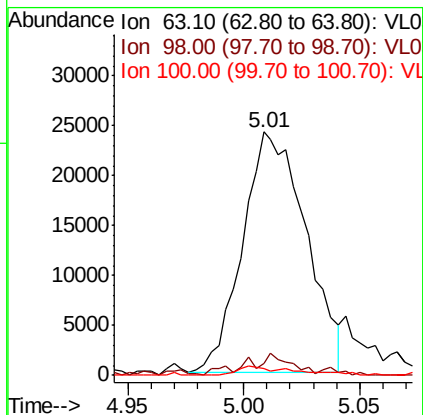
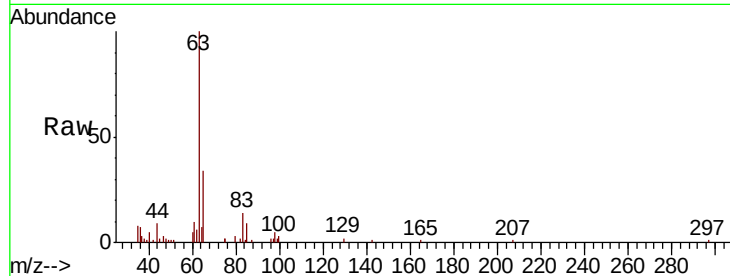
44 9.1 4.3 6.5#





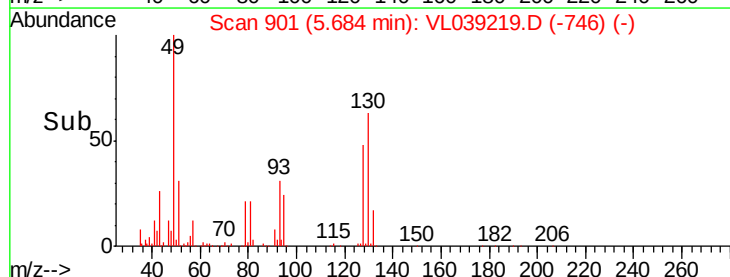
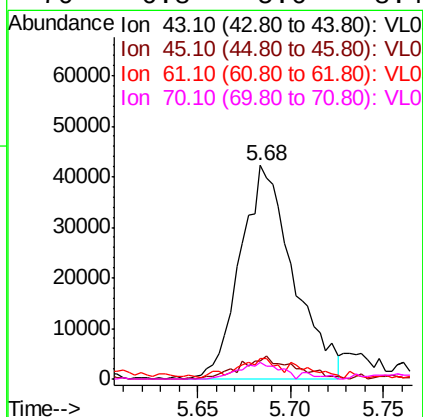
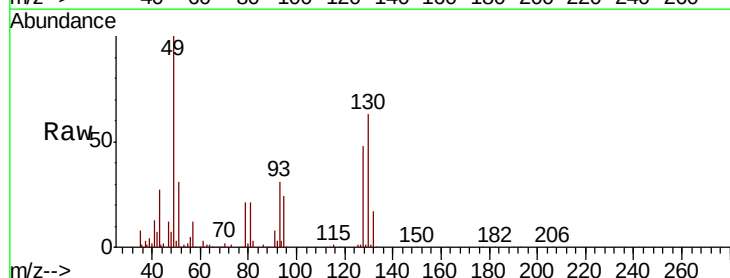
#24
1,1-Dichloroethane
Concen: 0.552 ppbv
RT: 5.01 min Scan# 691
Delta R.T. -0.01 min
Lab File: VL039219.D
Acq: 7 Jun 2022 21:35

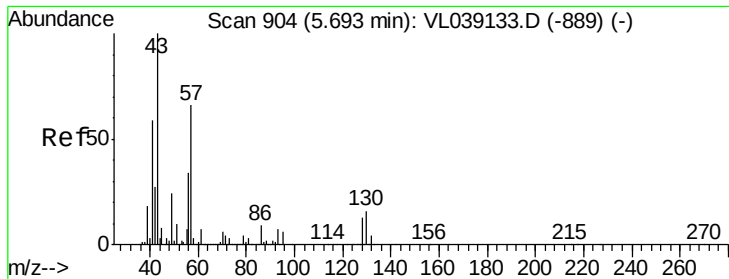
Tot Ion:	63	Resp:	45955
Ion	Ratio	Lower	Upper
63	100		
98	3.9	2.1	6.2
100	2.8	1.5	4.5



#25
Ethyl Acetate
Concen: 0.507 ppbv
RT: 5.68 min Scan# 901
Delta R.T. -0.00 min
Lab File: VL039219.D
Acq: 7 Jun 2022 21:35

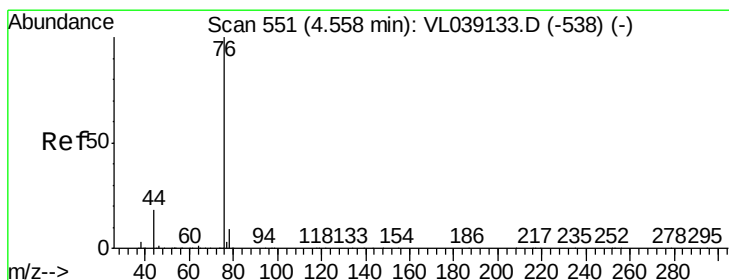
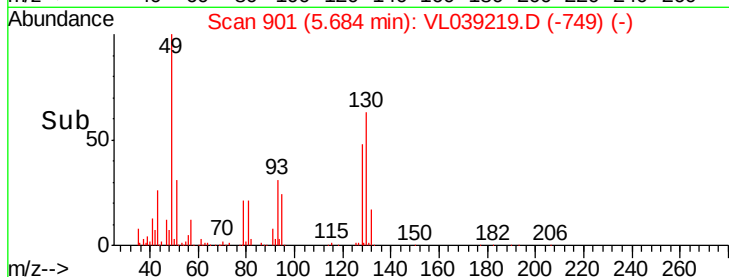
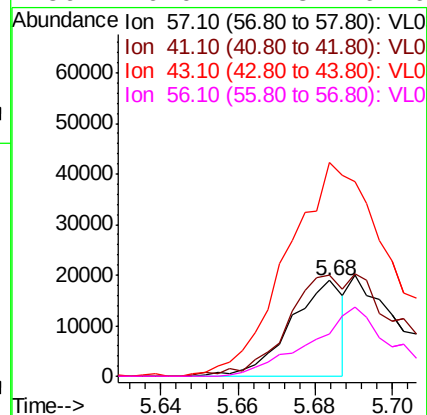
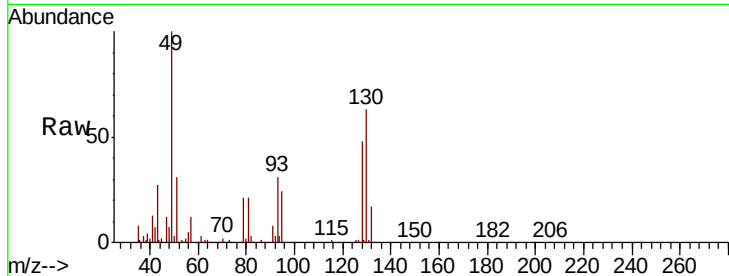
Tgt Ion:	43	Resp:	83832
Ion	Ratio	Lower	Upper
43	100		
45	12.2	8.2	12.2
61	12.7	8.4	12.6#
70	6.8	5.6	8.4





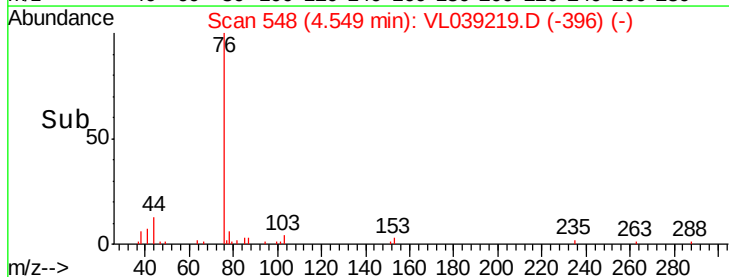
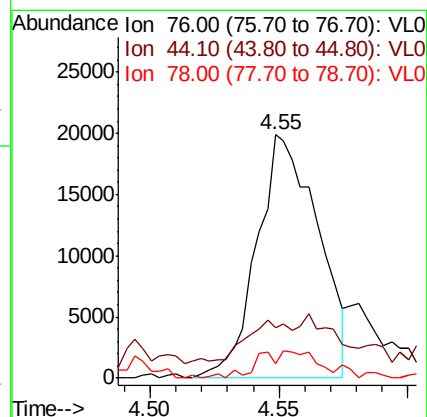
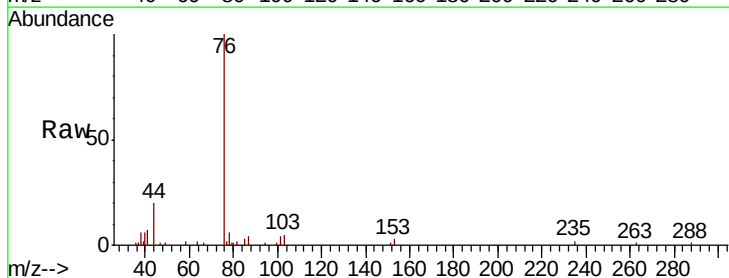
#26
Hexane
Concen: 0.245 ppbv
RT: 5.68 min Scan# 901
Delta R.T. -0.01 min
Lab File: VL039219.D
Acq: 7 Jun 2022 21:35

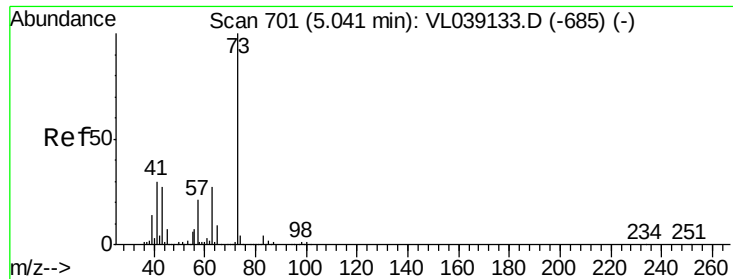
Tot Ion: 57 Resp: 17847
Ion Ratio Lower Upper
57 100
41 0.0 72.4 108.6#
43 518.2 187.0 280.6#
56 0.0 41.8 62.6#



#27
Carbon Disulfide
Concen: 0.436 ppbv
RT: 4.55 min Scan# 548
Delta R.T. -0.01 min
Lab File: VL039219.D
Acq: 7 Jun 2022 21:35

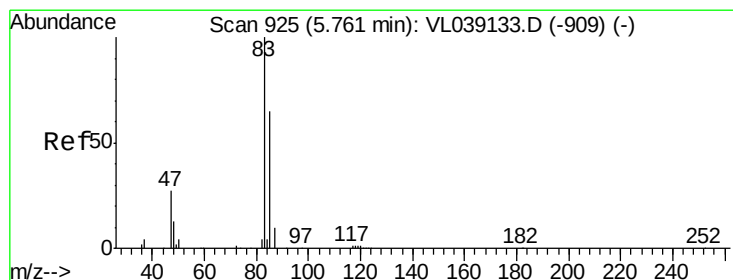
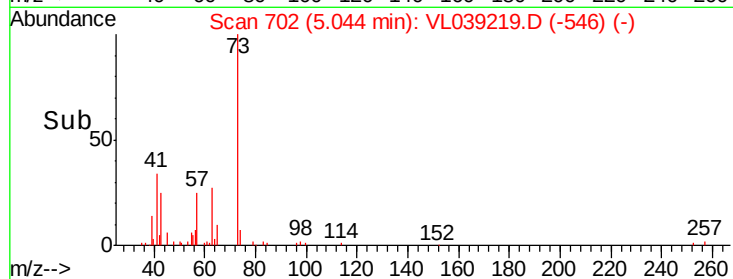
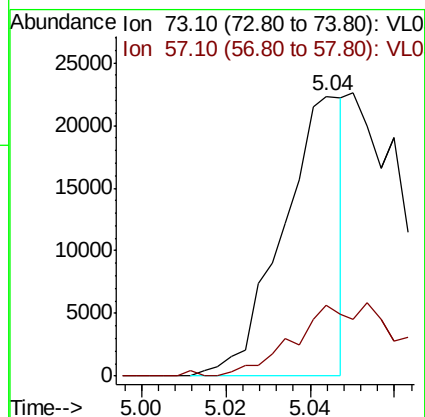
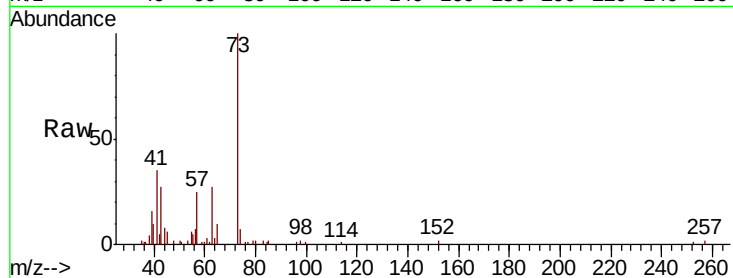
Tgt Ion: 76 Resp: 32858
Ion Ratio Lower Upper
76 100
44 28.9 14.4 21.6#
78 13.2 7.7 11.5#





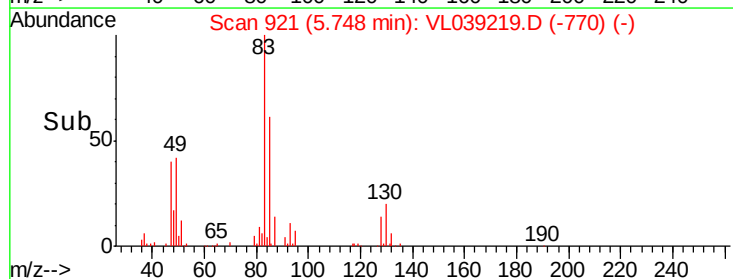
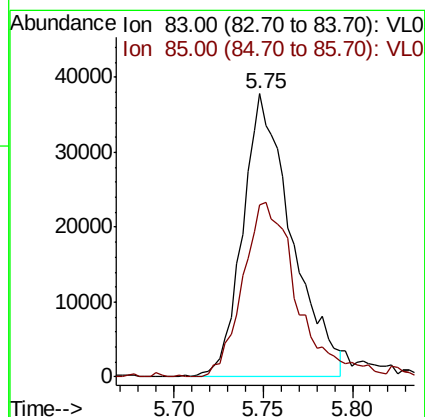
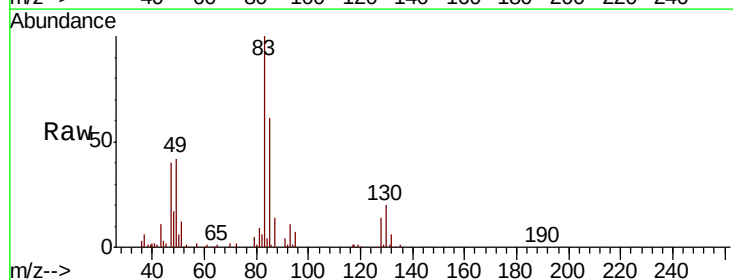
#28
Methvl tert-Butvl Ether
Concen: 0.277 ppbv
RT: 5.04 min Scan# 702
Delta R.T. 0.00 min
Lab File: VL039219.D
Acq: 7 Jun 2022 21:35

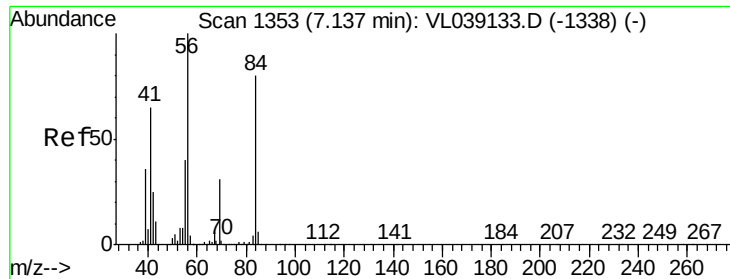
Tot Ion: 73 Resp: 22208
Ion Ratio Lower Upper
73 100
57 0.0 18.6 27.8#



#29
Chloroform
Concen: 0.592 ppbv
RT: 5.75 min Scan# 921
Delta R.T. -0.01 min
Lab File: VL039219.D
Acq: 7 Jun 2022 21:35

Tgt Ion: 83 Resp: 72373
Ion Ratio Lower Upper
83 100
85 61.4 52.4 78.6





#30

Cyclohexane

Concen: 0.192 ppbv

RT: 7.13 min Scan# 1350

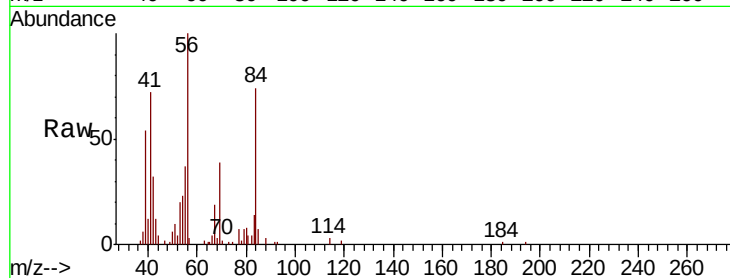
Delta R.T. -0.01 min

Lab File: VL039219.D

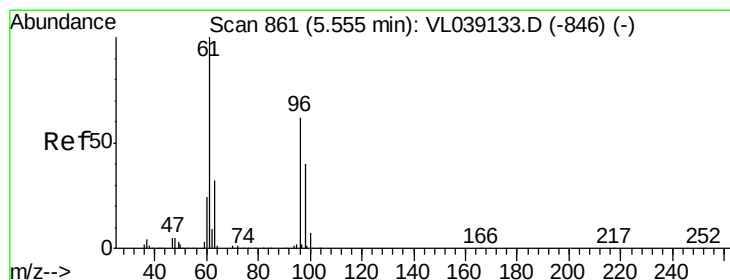
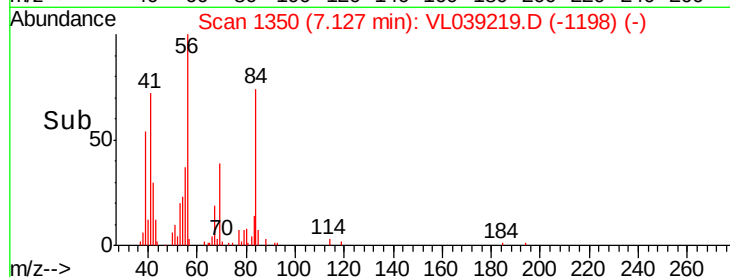
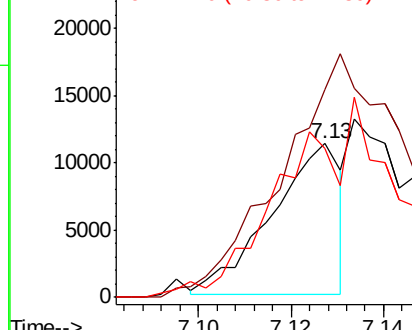
Acq: 7 Jun 2022 21:35

Tot Ion: 84 Resp: 11713

Ion	Ratio	Lower	Upper
84	100		
56	0.0	110.6	165.8#
41	0.0	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: 0.521 ppbv

RT: 5.55 min Scan# 858

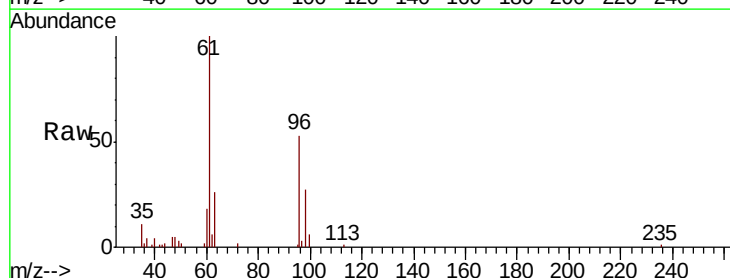
Delta R.T. -0.01 min

Lab File: VL039219.D

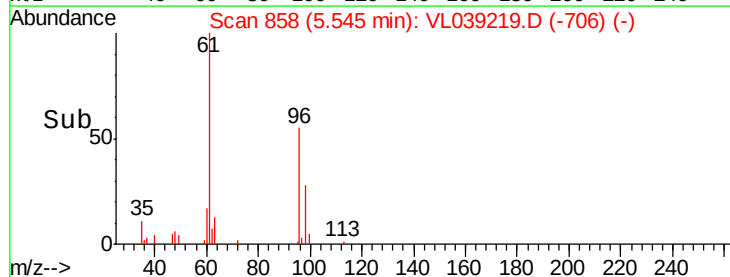
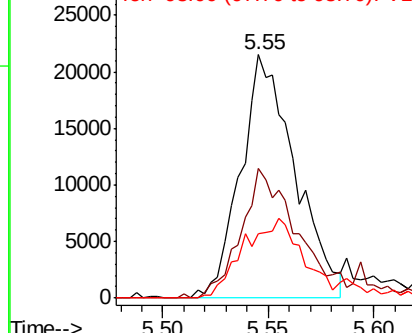
Acq: 7 Jun 2022 21:35

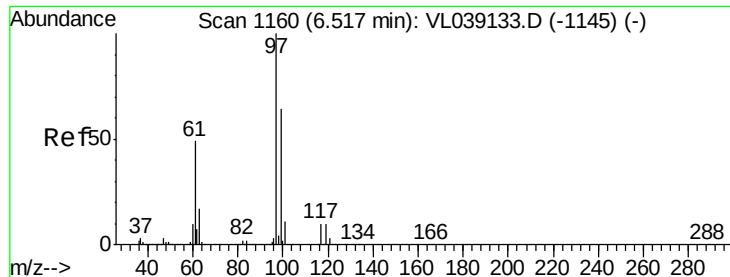
Tgt Ion: 61 Resp: 38595

Ion	Ratio	Lower	Upper
61	100		
96	53.1	49.9	74.9
98	26.6	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: 0.597 ppbv

RT: 6.51 min Scan# 1158

Delta R.T. -0.01 min

Lab File: VL039219.D

Acq: 7 Jun 2022 21:35

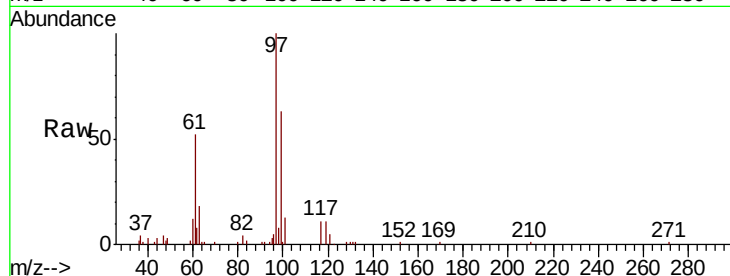
Tot Ion: 97 Resp: 71489

Ion Ratio Lower Upper

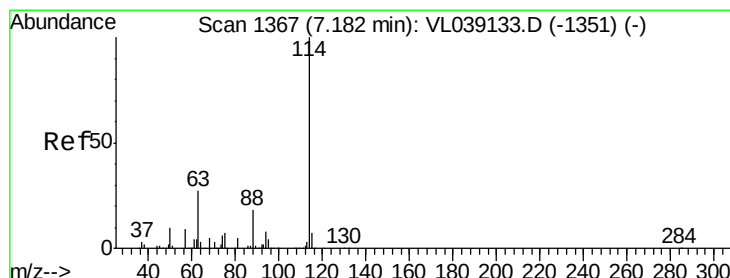
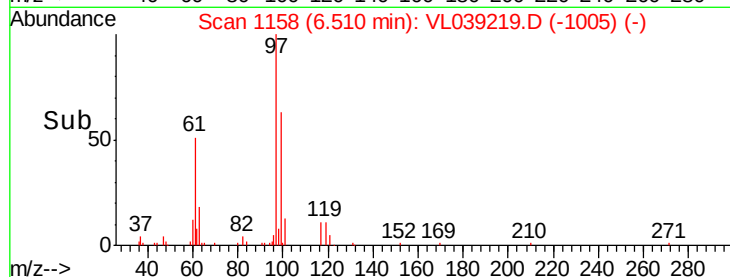
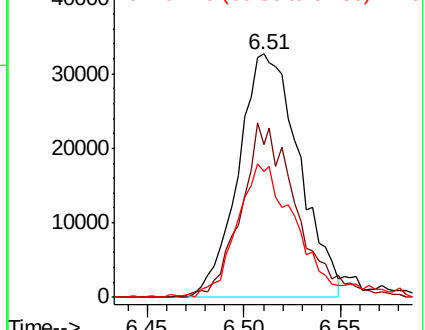
97 100

99 66.4 52.1 78.1

61 55.5 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: VL039219.D

Acq: 7 Jun 2022 21:35

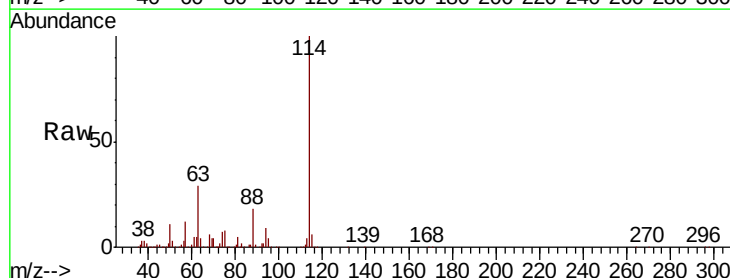
Tgt Ion: 114 Resp: 1722887

Ion Ratio Lower Upper

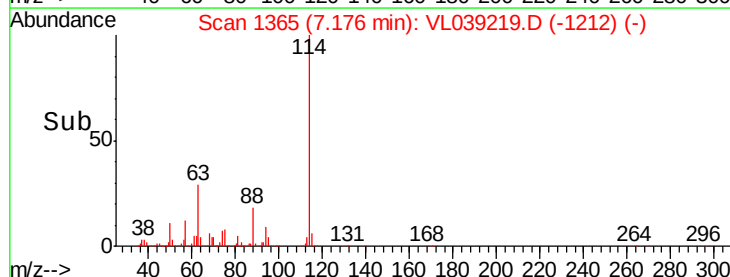
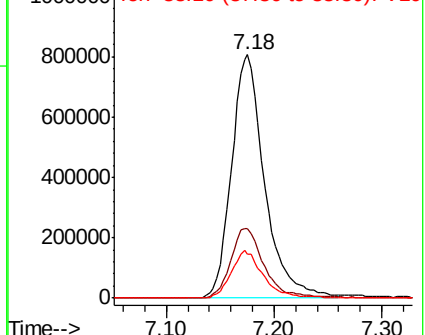
114 100

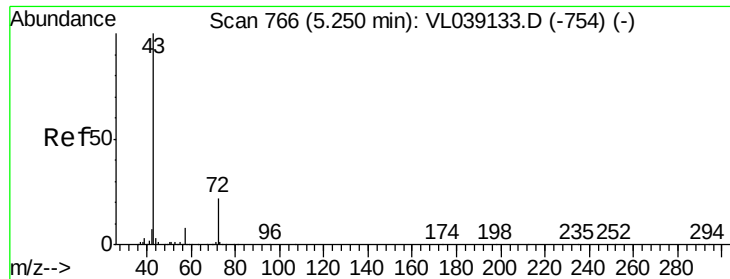
63 29.5 21.7 32.5

88 19.0 14.8 22.2



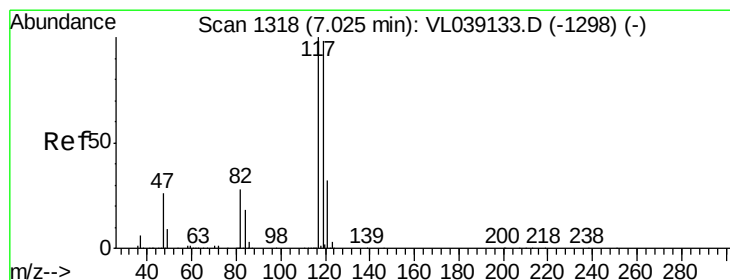
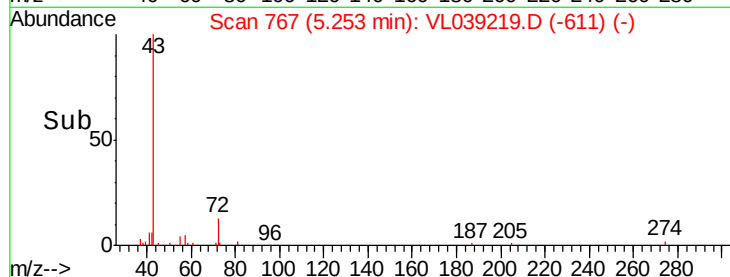
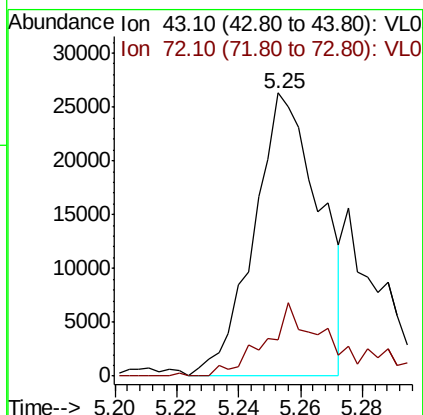
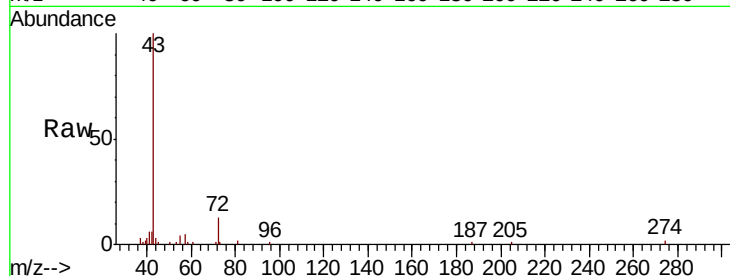
Abundance Ion 114.10 (113.80 to 114.80): V
Ion 63.10 (62.80 to 63.80): VL0
Ion 88.10 (87.80 to 88.80): VL0





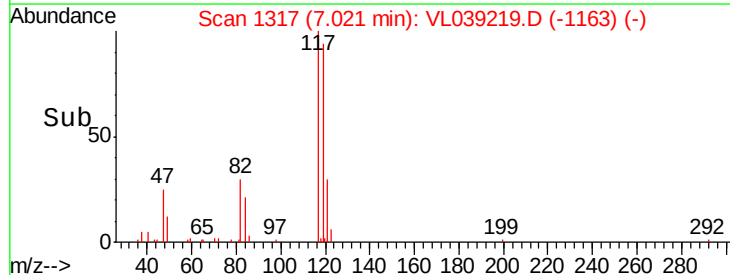
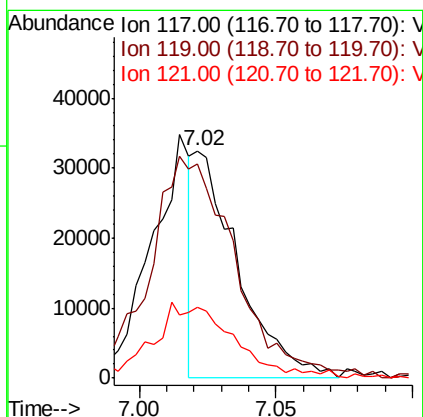
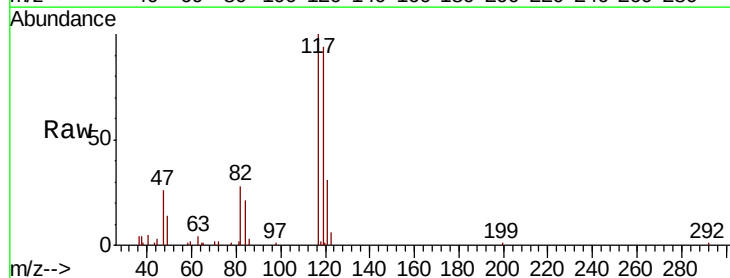
#34
2-Butanone
Concen: 0.412 ppbv
RT: 5.25 min Scan# 767
Delta R.T. 0.00 min
Lab File: VL039219.D
Acq: 7 Jun 2022 21:35

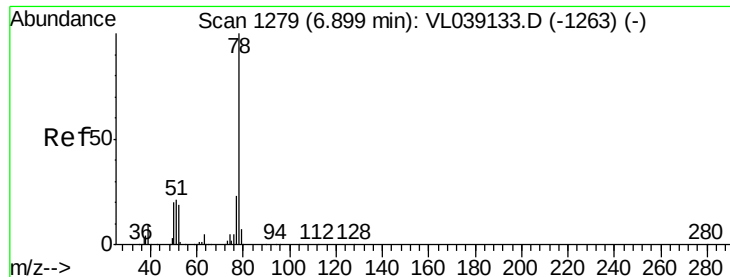
Tot Ion: 43 Resp: 38518
Ion Ratio Lower Upper
43 100
72 28.9 18.2 27.2#



#35
Carbon Tetrachloride
Concen: 0.288 ppbv
RT: 7.02 min Scan# 1317
Delta R.T. -0.00 min
Lab File: VL039219.D
Acq: 7 Jun 2022 21:35

Tgt Ion: 117 Resp: 36229
Ion Ratio Lower Upper
117 100
119 90.3 78.6 118.0
121 30.4 25.4 38.0





#36

Benzene

Concen: 0.517 ppbv

RT: 6.89 min Scan# 1276

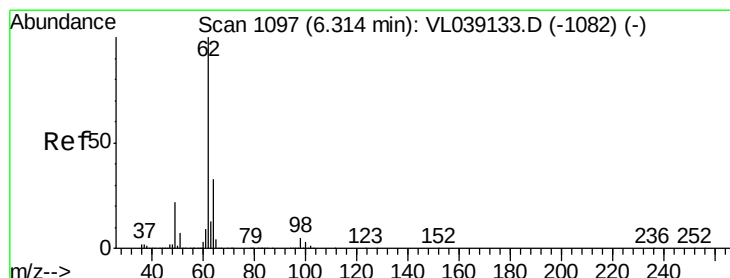
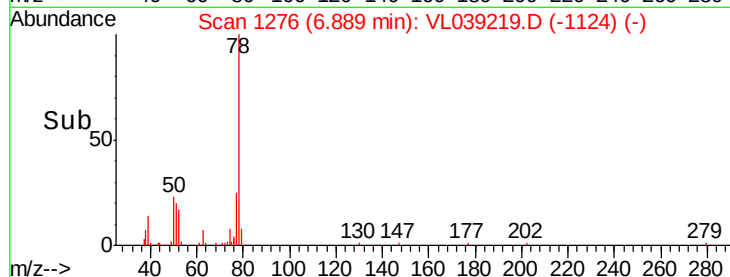
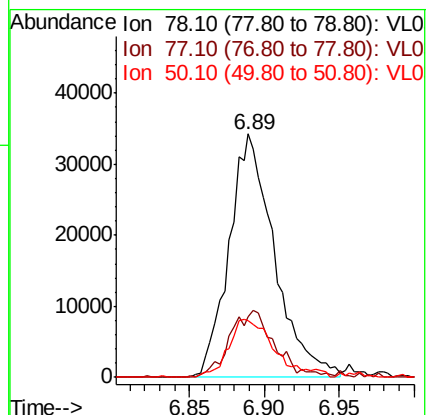
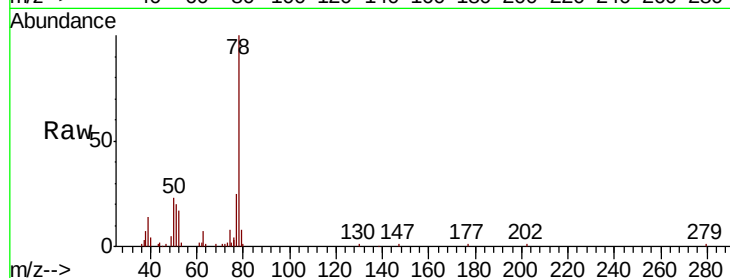
Delta R.T. -0.01 min

Lab File: VL039219.D

Acq: 7 Jun 2022 21:35

Tot Ion: 78 Resp: 72267

Ion	Ratio	Lower	Upper
78	100		
77	24.4	18.6	27.8
50	23.3	15.8	23.8



#37

1,2-Dichloroethane

Concen: 0.617 ppbv

RT: 6.30 min Scan# 1094

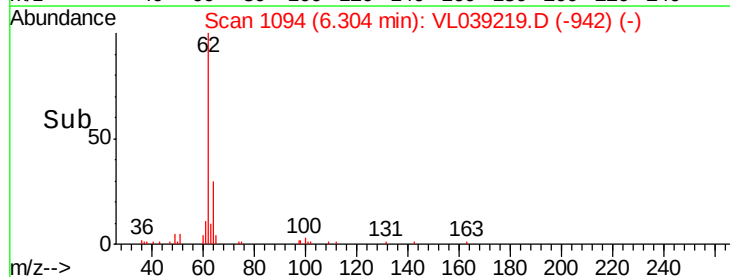
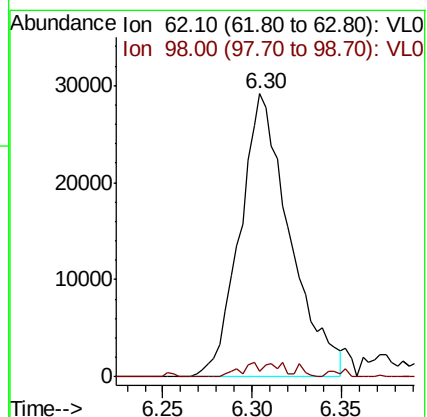
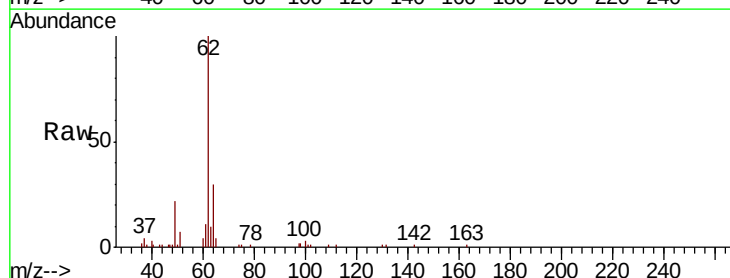
Delta R.T. -0.01 min

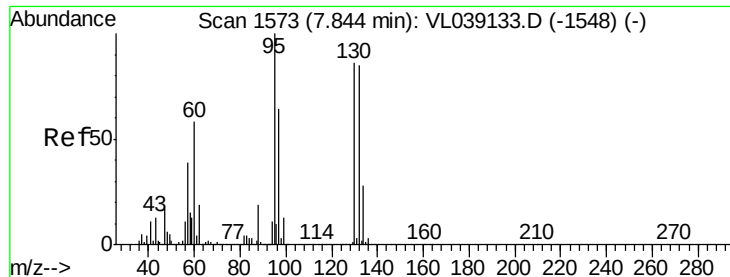
Lab File: VL039219.D

Acq: 7 Jun 2022 21:35

Tgt Ion: 62 Resp: 56815

Ion	Ratio	Lower	Upper
62	100		
98	5.3	4.3	6.5





#38

Trichloroethene

Concen: 0.476 ppbv

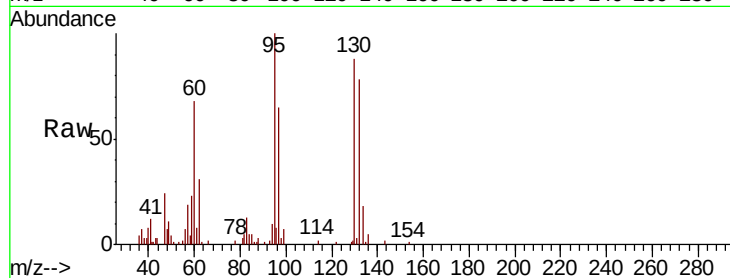
RT: 7.83 min Scan# 1570

Delta R.T. -0.01 min

Lab File: VL039219.D

Acq: 7 Jun 2022 21:35

Tot Ion:130	Resp:	30567
Ion Ratio	Lower	Upper
130 100		
95 111.8	93.3	139.9
132 86.5	79.0	118.4
97 70.0	59.4	89.2

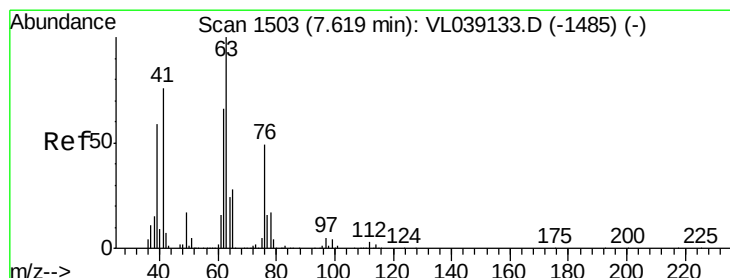
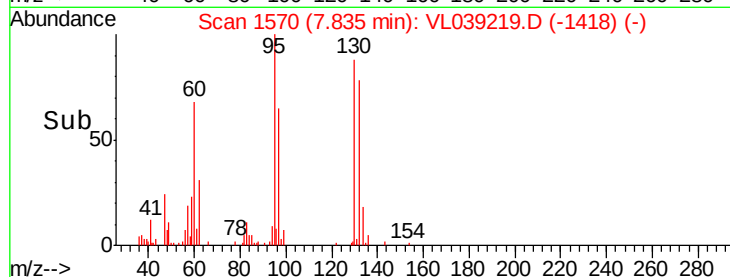
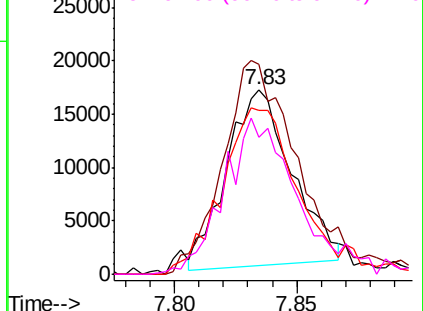


Abundance Ion 130.00 (129.70 to 130.70): V

Ion 95.00 (94.70 to 95.70): VL0

Ion 132.00 (131.70 to 132.70): V

Ion 97.00 (96.70 to 97.70): VL0



#39

1,2-Dichloropropane

Concen: 0.428 ppbv

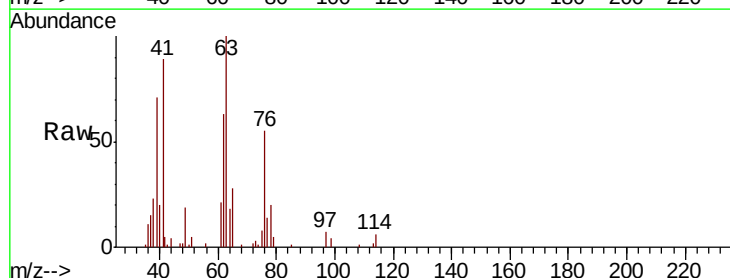
RT: 7.61 min Scan# 1501

Delta R.T. -0.01 min

Lab File: VL039219.D

Acq: 7 Jun 2022 21:35

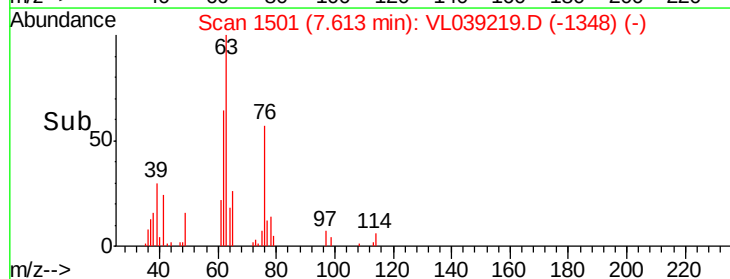
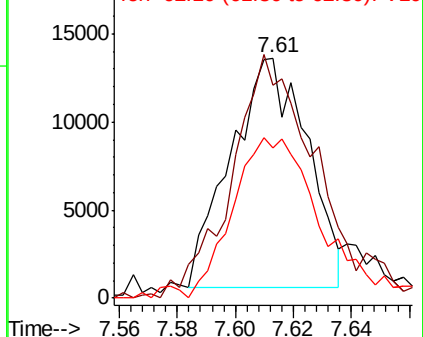
Tgt	Ion: 63	Resp:	23826
Ion	Ratio	Lower	Upper
63	100		
41	78.8	60.8	91.2
62	65.6	52.9	79.3

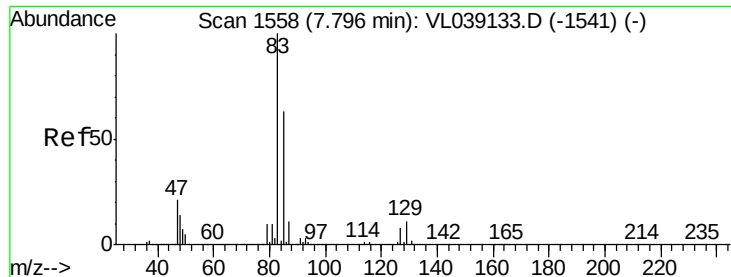


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0





#42

Bromodichloromethane

Concen: 0.518 ppbv

RT: 7.79 min Scan# 1556

Delta R.T. -0.01 min

Lab File: VL039219.D

Acq: 7 Jun 2022 21:35

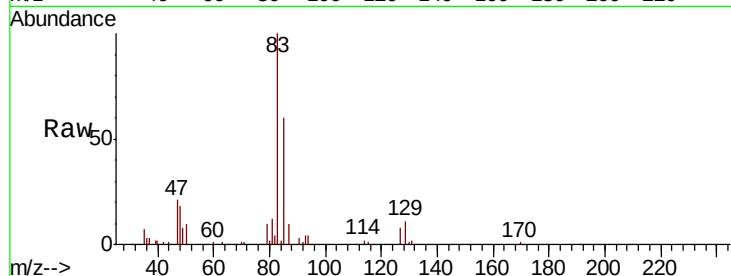
Tot Ion: 83 Resp: 66232

Ion Ratio Lower Upper

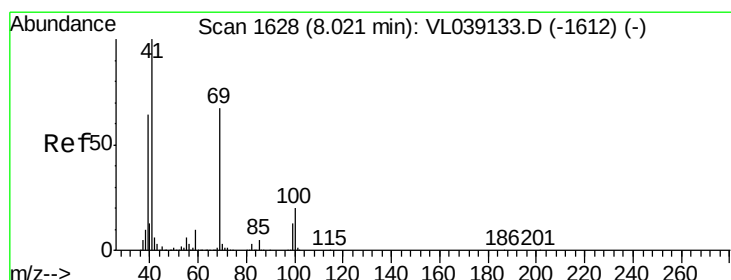
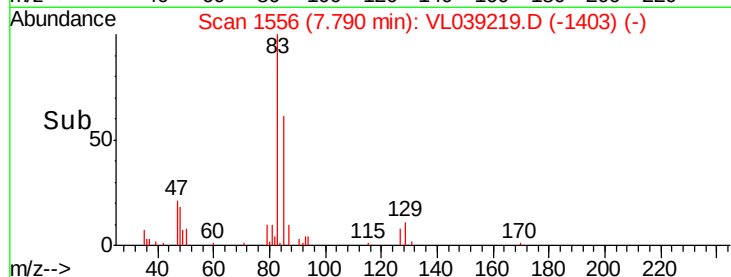
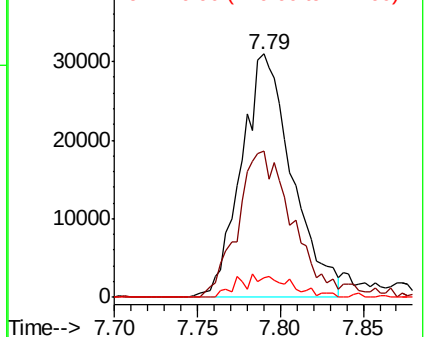
83 100

85 60.3 50.2 75.4

127 8.0 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): V



#43

Methyl Methacrylate

Concen: 0.215 ppbv

RT: 8.01 min Scan# 1625

Delta R.T. -0.01 min

Lab File: VL039219.D

Acq: 7 Jun 2022 21:35

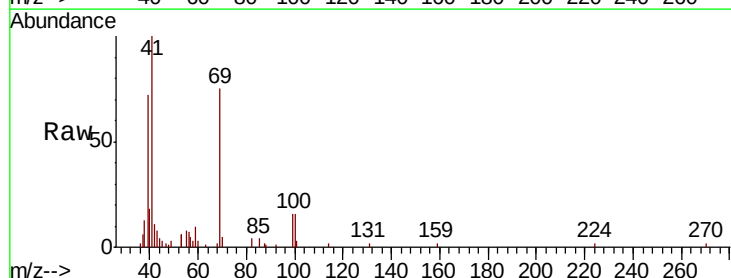
Tgt Ion: 69 Resp: 11696

Ion Ratio Lower Upper

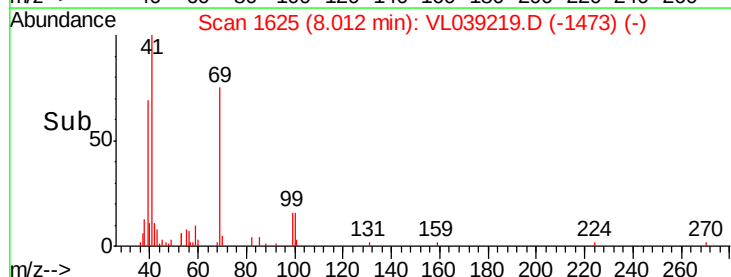
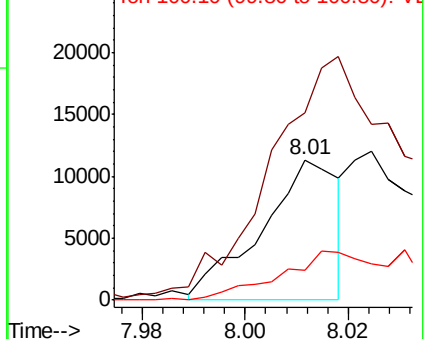
69 100

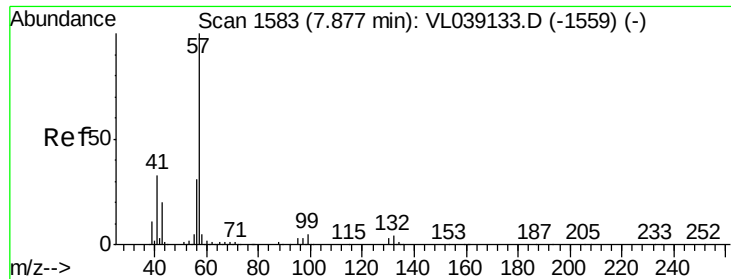
41 0.0 121.9 182.9#

100 0.0 24.1 36.1#



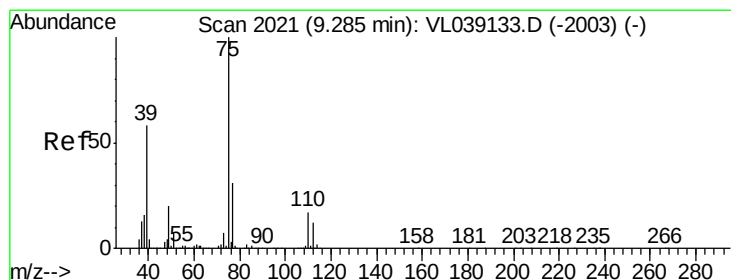
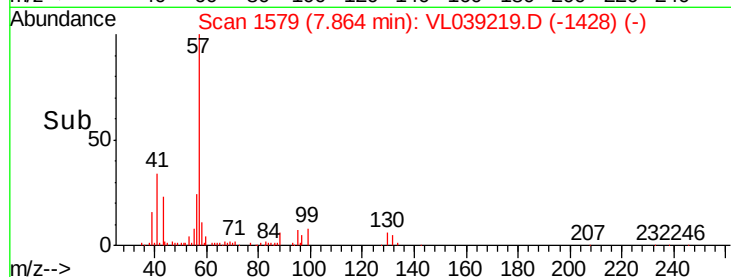
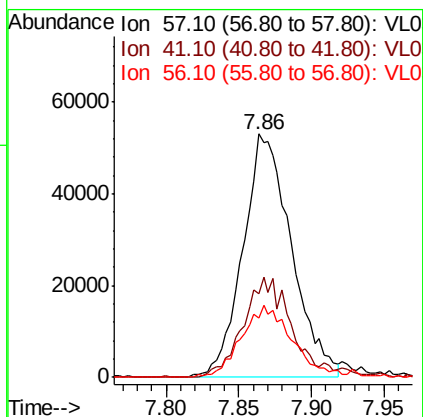
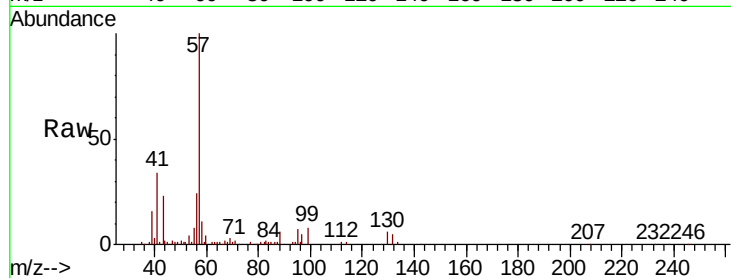
Abundance Ion 69.10 (68.80 to 69.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 100.10 (99.80 to 100.80): VL





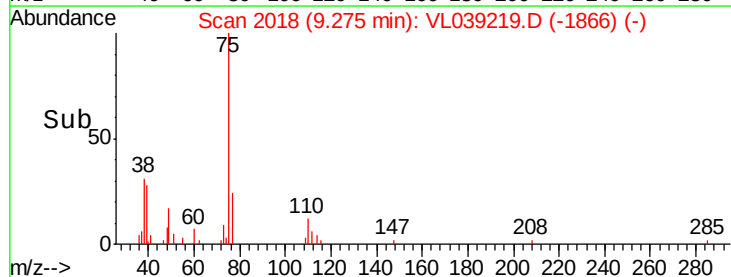
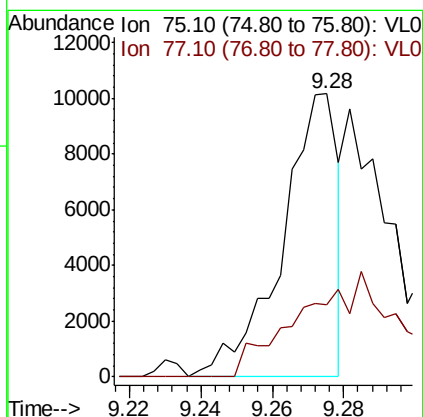
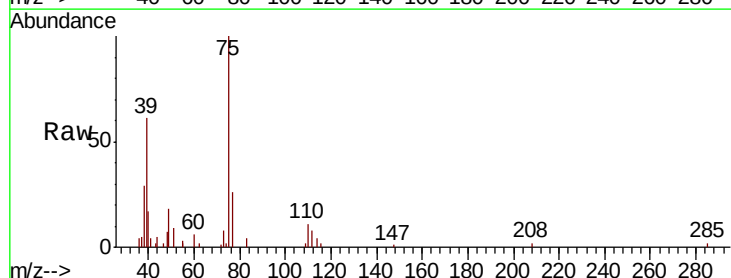
#44
2,2,4-Trimethylpentane
Concen: 0.505 ppbv
RT: 7.86 min Scan# 1579
Delta R.T. -0.01 min
Lab File: VL039219.D
Acq: 7 Jun 2022 21:35

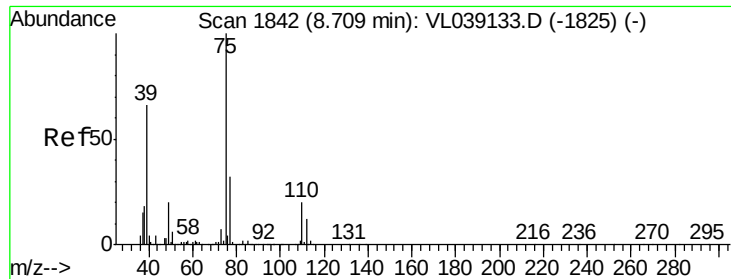
Tot Ion: 57 Resp: 123689
Ion Ratio Lower Upper
57 100
41 42.1 26.2 39.4#
56 31.4 24.7 37.1



#45
t-1,3-Dichloropropene
Concen: 0.195 ppbv
RT: 9.28 min Scan# 2018
Delta R.T. -0.01 min
Lab File: VL039219.D
Acq: 7 Jun 2022 21:35

Tgt Ion: 75 Resp: 11047
Ion Ratio Lower Upper
75 100
77 25.7 24.4 36.6





#46

cis-1,3-Dichloropropene

Concen: 0.086 ppbv

RT: 8.70 min Scan# 1840

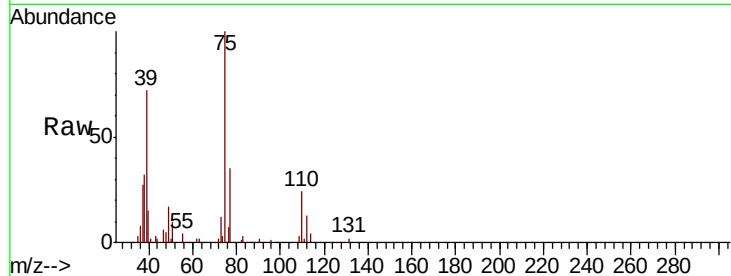
Delta R.T. -0.01 min

Lab File: VL039219.D

Acq: 7 Jun 2022 21:35

Tot Ion: 75 Resp: 6425

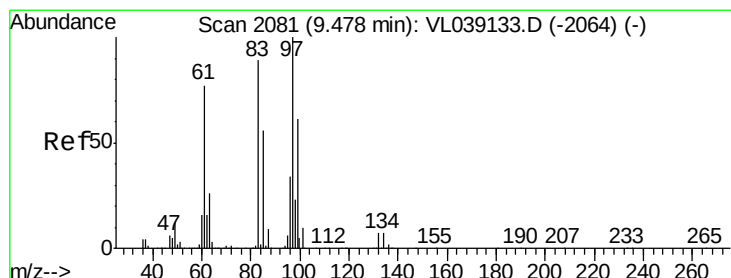
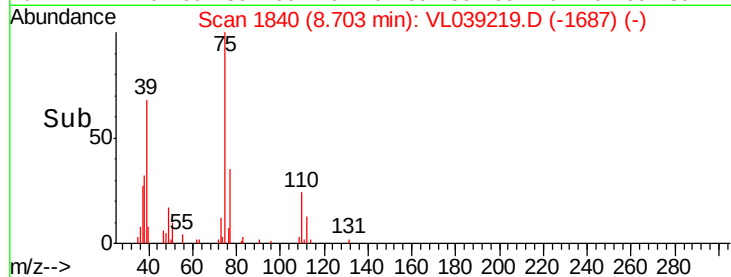
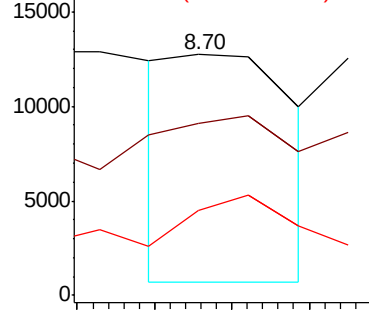
Ion	Ratio	Lower	Upper
75	100		
39	53.8	52.4	78.6
77	67.4	25.5	38.3#



Abundance Ion 75.00 (74.70 to 75.70): VL0

Ion 39.00 (38.70 to 39.70): VL0

Ion 77.00 (76.70 to 77.70): VL0



#47

1,1,2-Trichloroethane

Concen: 0.502 ppbv

RT: 9.48 min Scan# 2081

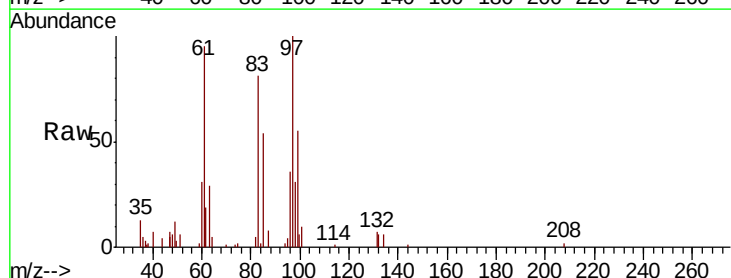
Delta R.T. -0.00 min

Lab File: VL039219.D

Acq: 7 Jun 2022 21:35

Tgt Ion: 97 Resp: 29154

Ion	Ratio	Lower	Upper
97	100		
83	81.4	71.6	107.4
85	54.2	44.8	67.2
99	54.8	49.0	73.4

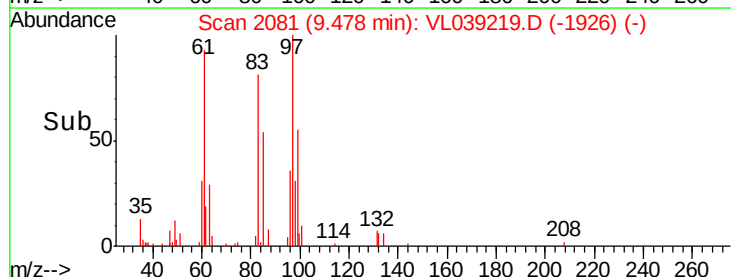
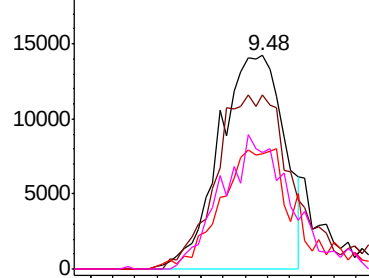


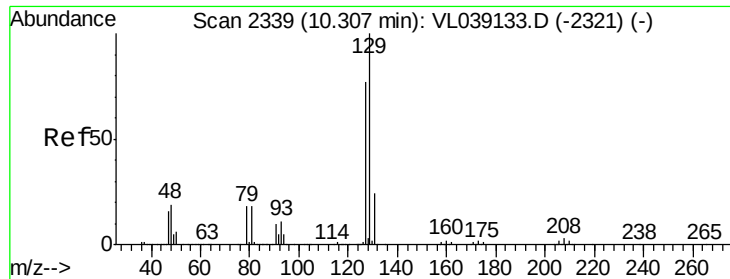
Abundance Ion 97.00 (96.70 to 97.70): VL0

Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0

Ion 99.00 (98.70 to 99.70): VL0





#48

Dibromochloromethane

Concen: 0.441 ppbv

RT: 10.30 min Scan# 2338

Delta R.T. -0.00 min

Lab File: VL039219.D

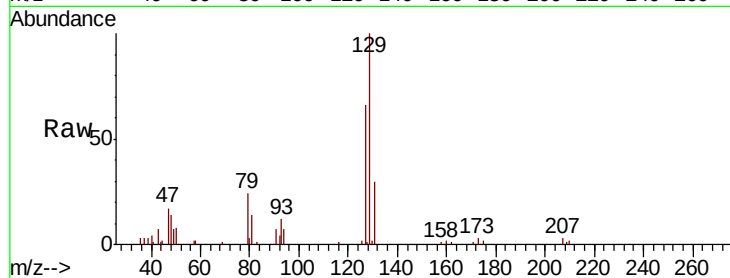
Acq: 7 Jun 2022 21:35

Tot Ion:129 Resp: 45753

Ion Ratio Lower Upper

129 100

127 78.7 40.0 119.9



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

25000

20000

15000

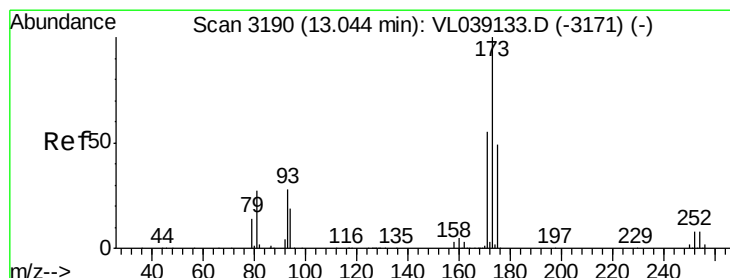
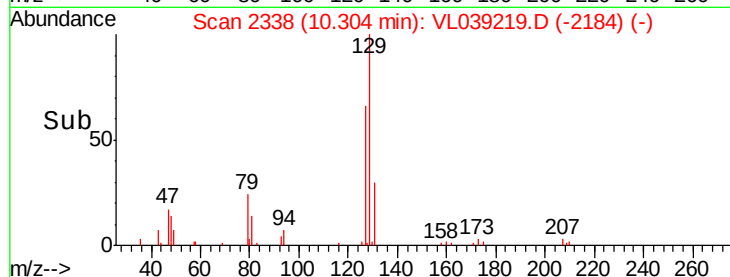
10000

5000

0

10.25 10.30 10.35

Time-->



#49

Bromoform

Concen: 0.174 ppbv

RT: 13.03 min Scan# 3187

Delta R.T. -0.01 min

Lab File: VL039219.D

Acq: 7 Jun 2022 21:35

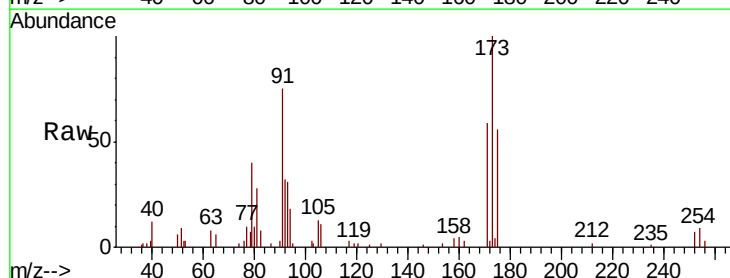
Tgt Ion:173 Resp: 14994

Ion Ratio Lower Upper

173 100

175 0.0 40.2 60.2#

171 117.1 43.9 65.9#



Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 170.90 (170.60 to 171.60): V

15000

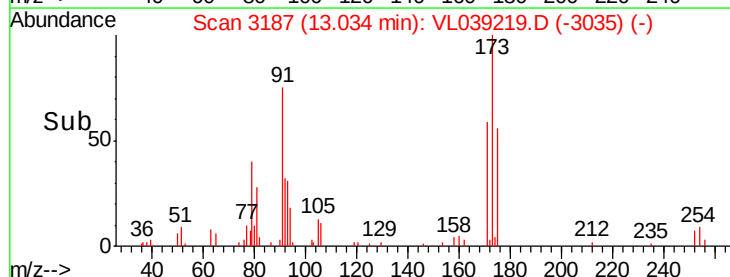
10000

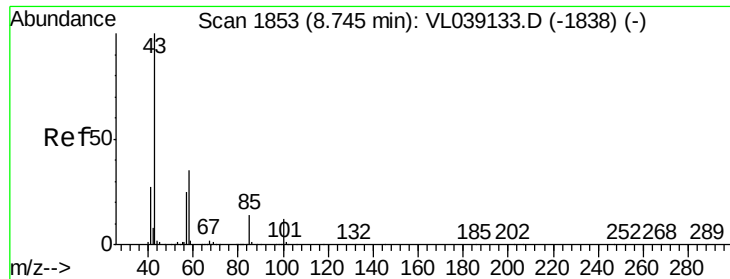
5000

0

13.00 13.03 13.05

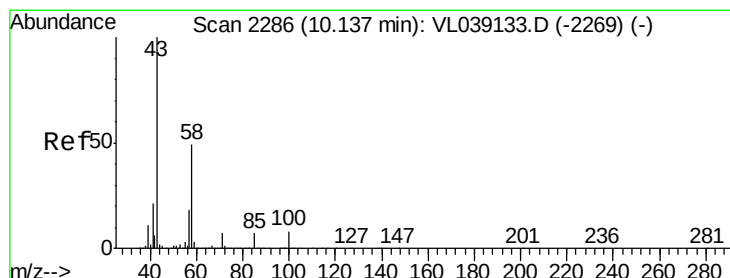
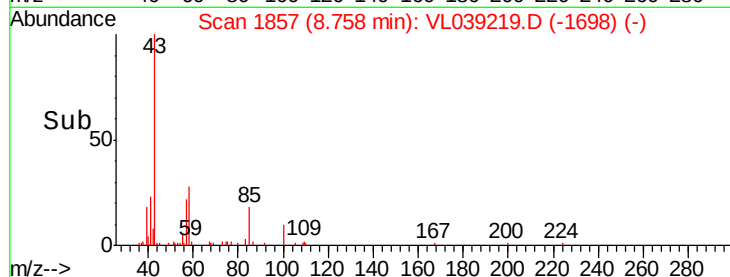
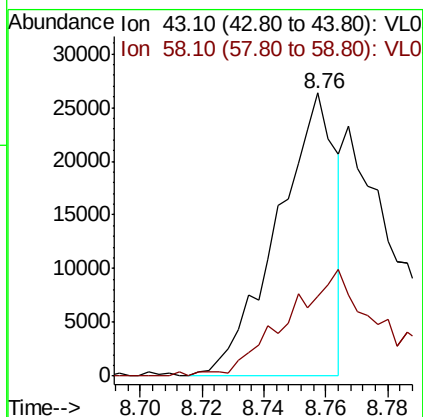
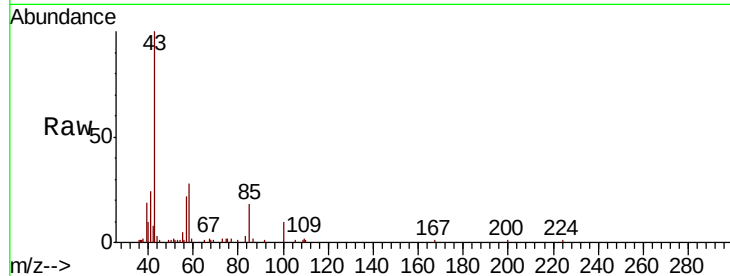
Time-->





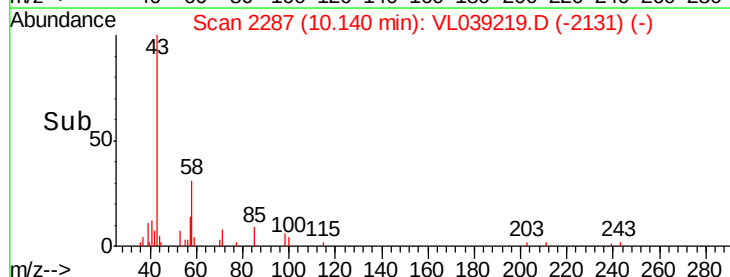
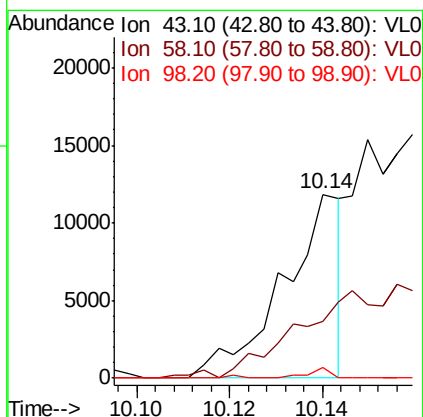
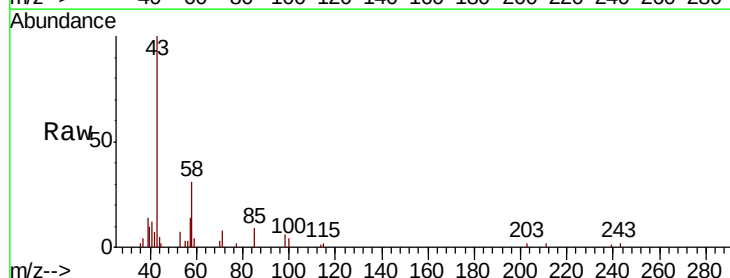
#50
4-Methyl-2-Pentanone
Concen: 0.247 ppbv
RT: 8.76 min Scan# 1857
Delta R.T. 0.01 min
Lab File: VL039219.D
Acq: 7 Jun 2022 21:35

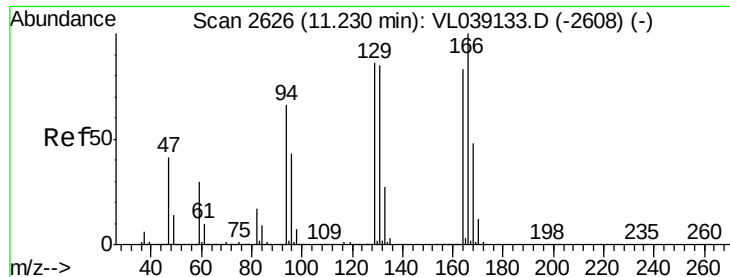
Tot Ion: 43 Resp: 34582
Ion Ratio Lower Upper
43 100
58 0.0 28.7 43.1#



#51
2-Hexanone
Concen: 0.096 ppbv
RT: 10.14 min Scan# 2287
Delta R.T. 0.00 min
Lab File: VL039219.D
Acq: 7 Jun 2022 21:35

Tgt Ion: 43 Resp: 10445
Ion Ratio Lower Upper
43 100
58 0.0 40.0 60.0#
98 2.5 0.1 0.1#





#52

Tetrachloroethene

Concen: 0.361 ppbv

RT: 11.22 min Scan# 2622

Delta R.T. -0.01 min

Lab File: VL039219.D

Acq: 7 Jun 2022 21:35

Tot Ion:164 Resp: 19709

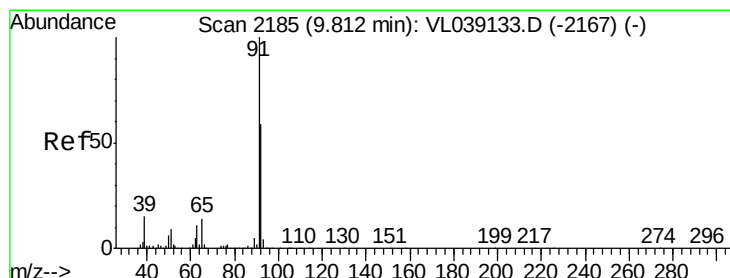
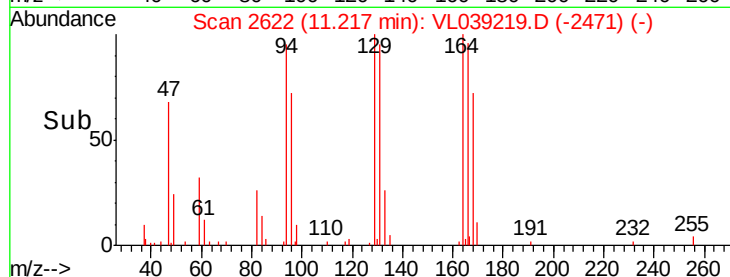
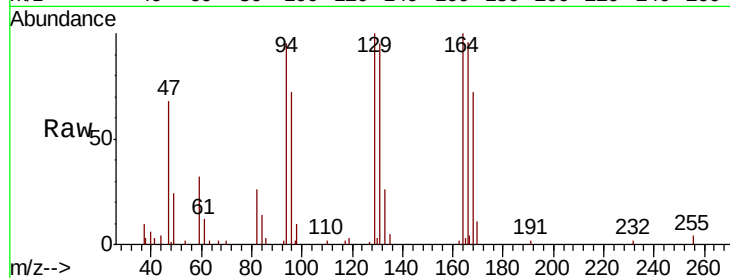
Ion Ratio Lower Upper

164 100

166 77.8 96.3 144.5#

129 74.5 82.5 123.7#

131 67.9 82.1 123.1#



#53

Toluene

Concen: 0.465 ppbv

RT: 9.81 min Scan# 2183

Delta R.T. -0.01 min

Lab File: VL039219.D

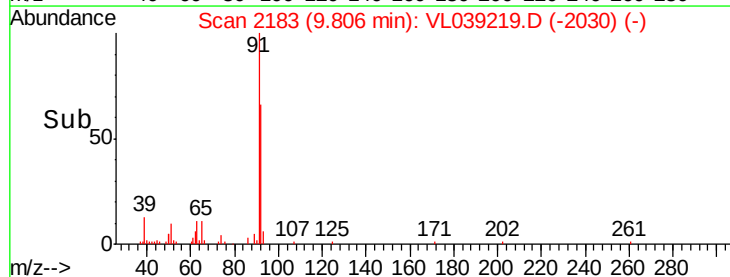
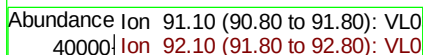
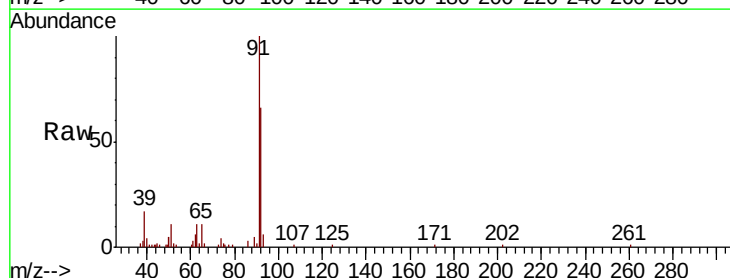
Acq: 7 Jun 2022 21:35

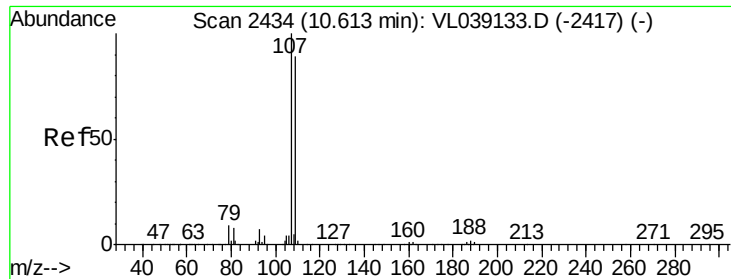
Tgt Ion: 91 Resp: 74952

Ion Ratio Lower Upper

91 100

92 60.0 48.1 72.1





#54

1,2-Dibromoethane

Concen: 0.259 ppbv

RT: 10.61 min Scan# 2432

Delta R.T. -0.01 min

Lab File: VL039219.D

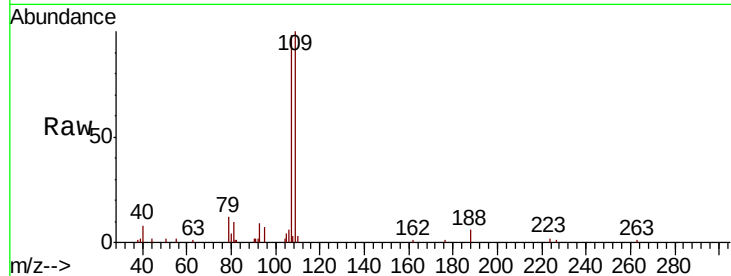
Acq: 7 Jun 2022 21:35

Tot Ion:107 Resp: 20190

Ion Ratio Lower Upper

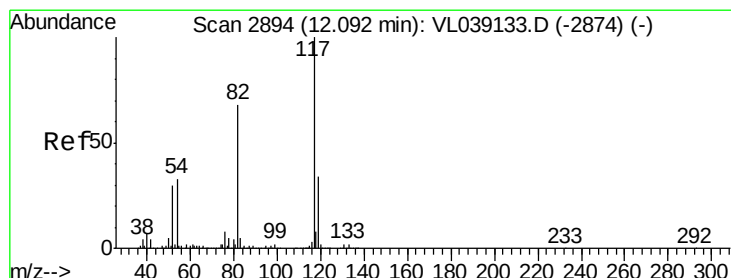
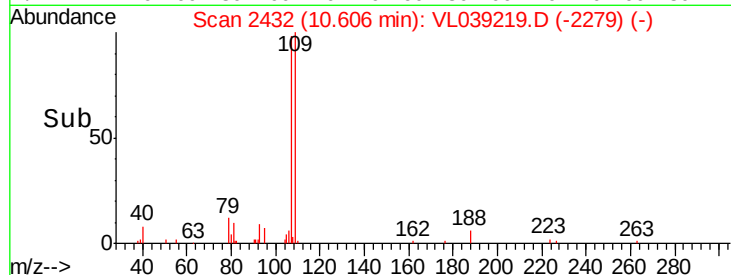
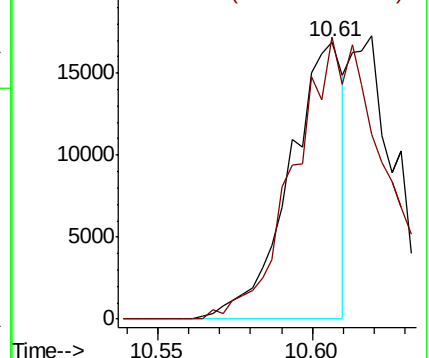
107 100

109 98.5 71.4 107.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.08 min Scan# 2891

Delta R.T. -0.01 min

Lab File: VL039219.D

Acq: 7 Jun 2022 21:35

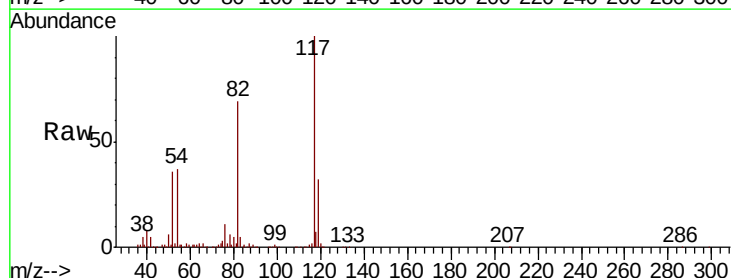
Tgt Ion:117 Resp: 1493016

Ion Ratio Lower Upper

117 100

82 73.3 55.1 82.7

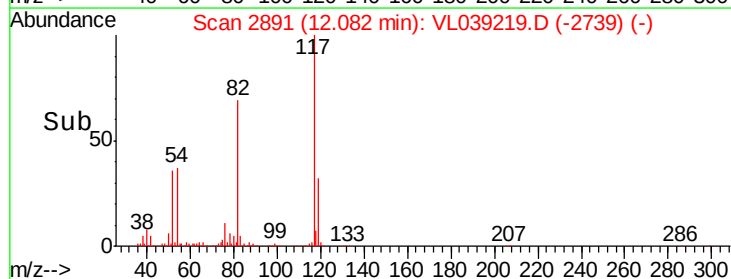
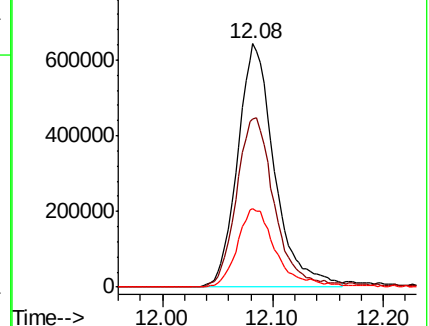
119 34.4 24.7 37.1

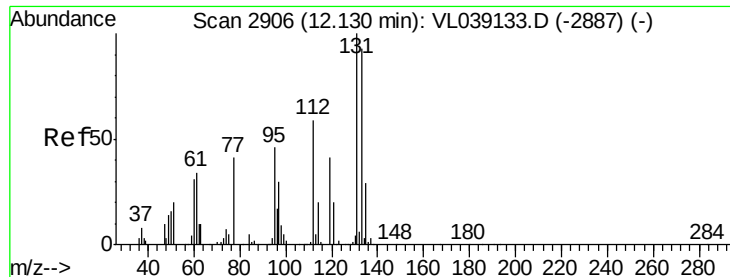


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#56

1,1,1,2-Tetrachloroethane

Concen: 0.405 ppbv

RT: 12.12 min Scan# 2904

Delta R.T. -0.01 min

Lab File: VL039219.D

Acq: 7 Jun 2022 21:35

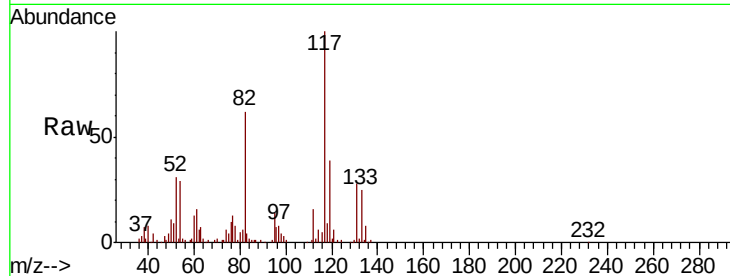
Tot Ion:131 Resp: 28640

Ion Ratio Lower Upper

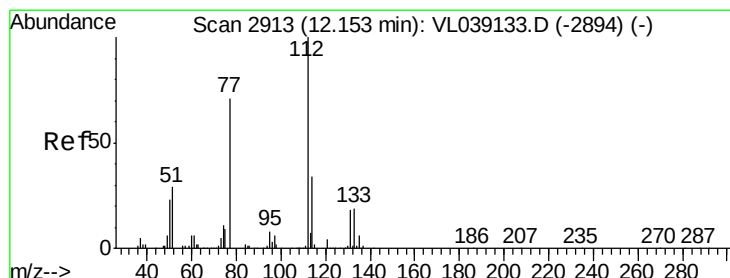
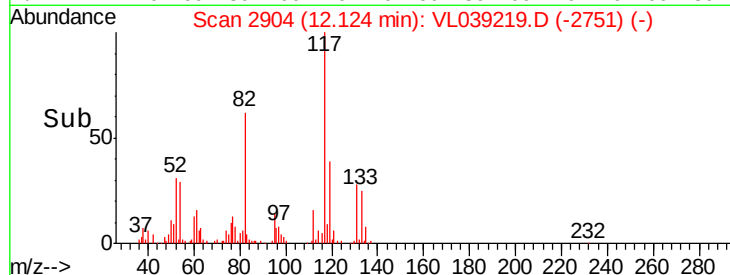
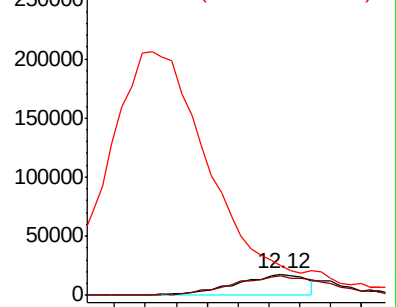
131 100

133 134.2 78.6 117.8#

119 1796.6 51.7 77.5#



Abundance Ion 131.00 (130.70 to 131.70): V
Ion 133.00 (132.70 to 133.70): V
Ion 119.00 (118.70 to 119.70): V



#57

Chlorobenzene

Concen: 0.321 ppbv

RT: 12.14 min Scan# 2910

Delta R.T. -0.01 min

Lab File: VL039219.D

Acq: 7 Jun 2022 21:35

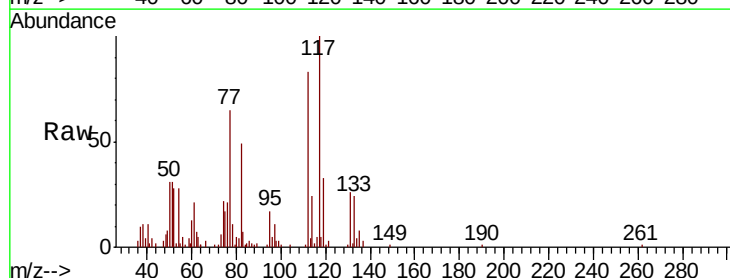
Tgt Ion:112 Resp: 36116

Ion Ratio Lower Upper

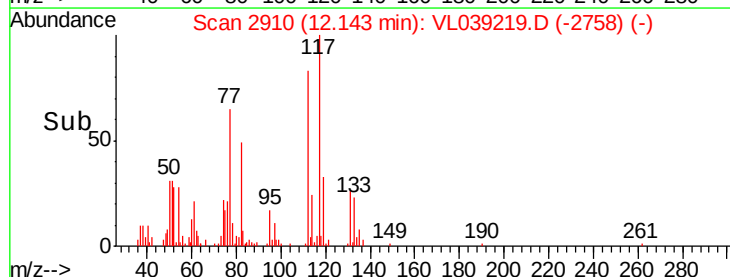
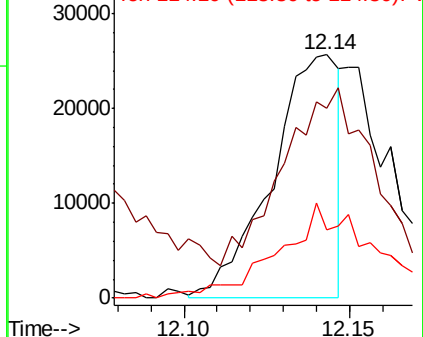
112 100

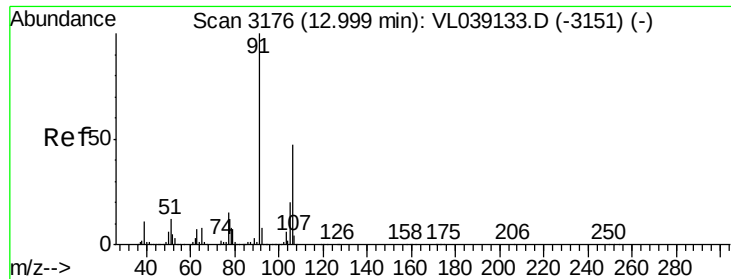
77 54.2 56.5 84.7#

114 25.4 30.3 37.1#



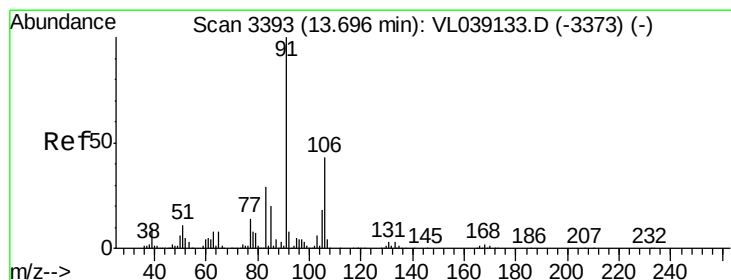
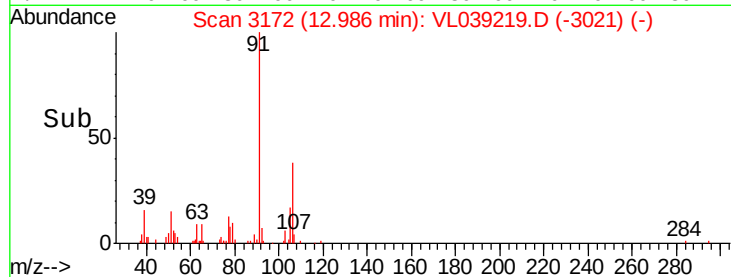
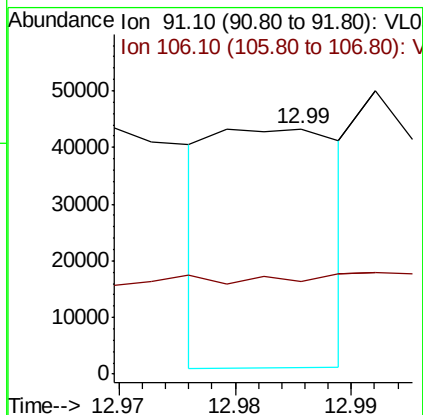
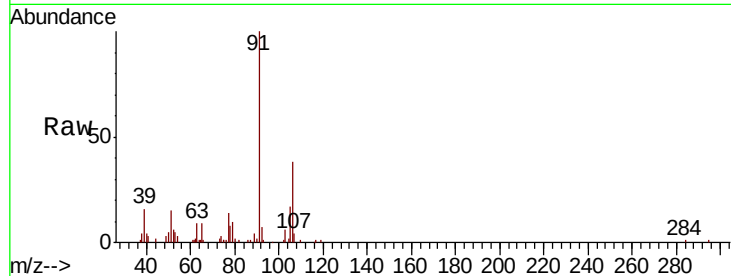
Abundance Ion 112.10 (111.80 to 112.80): V
Ion 77.10 (76.80 to 77.80): VL0
Ion 114.10 (113.80 to 114.80): V





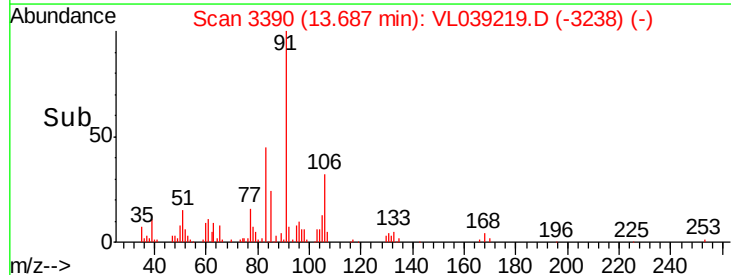
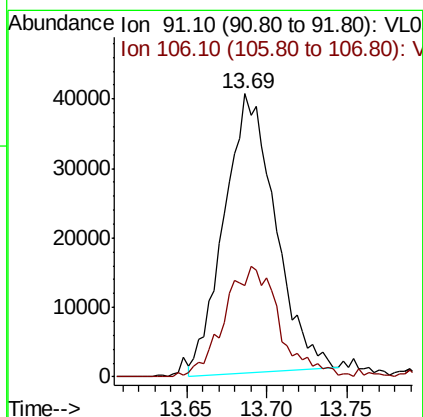
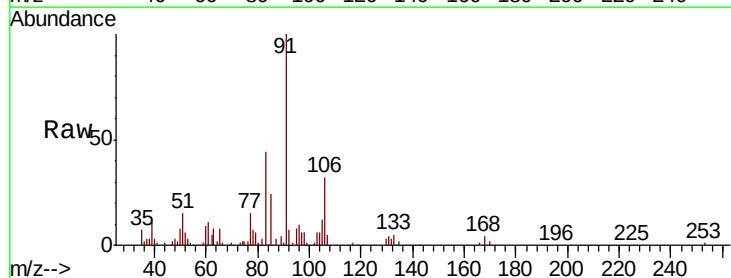
#59
m/p-Xylene
Concen: 0.177 ppbv
RT: 12.99 min Scan# 3172
Delta R.T. -0.01 min
Lab File: VL039219.D
Acq: 7 Jun 2022 21:35

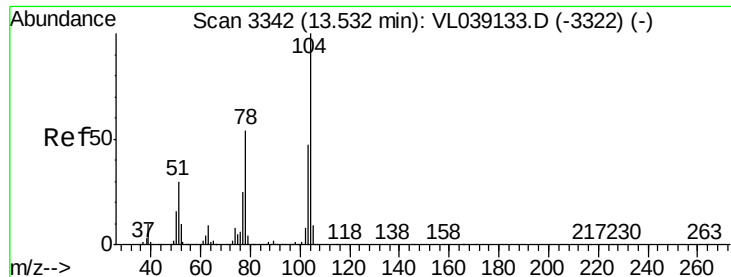
Tot Ion: 91 Resp: 31987
Ion Ratio Lower Upper
91 100
106 0.0 34.3 51.5#



#60
o-Xylene
Concen: 0.517 ppbv
RT: 13.69 min Scan# 3390
Delta R.T. -0.01 min
Lab File: VL039219.D
Acq: 7 Jun 2022 21:35

Tgt Ion: 91 Resp: 87896
Ion Ratio Lower Upper
91 100
106 42.6 22.3 66.9





#61

Stvrene

Concen: 0.117 ppbv

RT: 13.52 min Scan# 3339

Delta R.T. -0.01 min

Lab File: VL039219.D

Acq: 7 Jun 2022 21:35

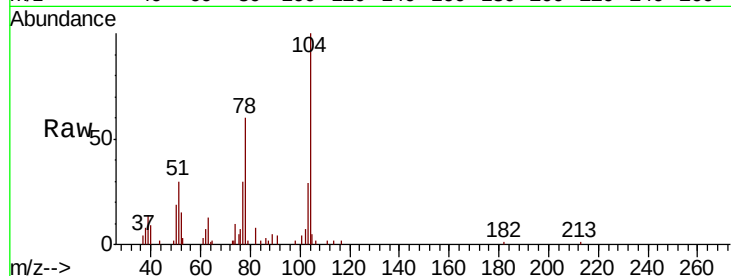
Tot Ion:104 Resp: 10676

Ion Ratio Lower Upper

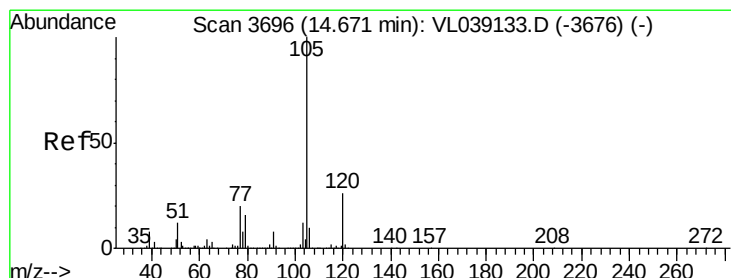
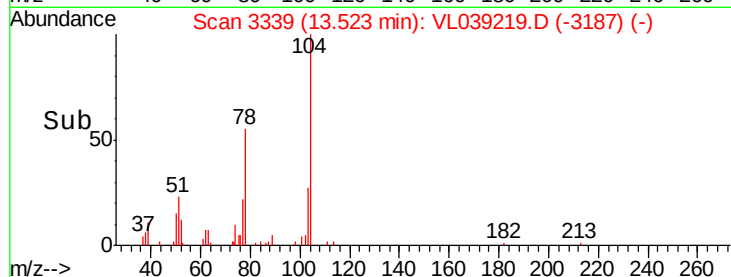
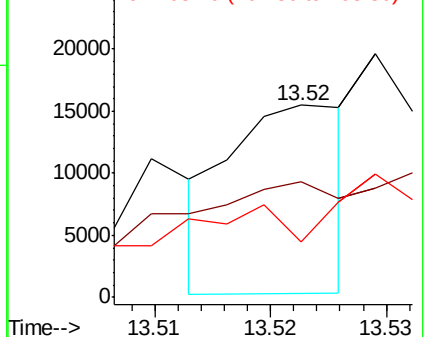
104 100

78 0.0 45.7 68.5#

103 0.0 39.6 59.4#



Abundance Ion 104.10 (103.80 to 104.80): V
Ion 78.10 (77.80 to 78.80): VL0
Ion 103.10 (102.80 to 103.80): V



#62

Isopropylbenzene

Concen: 0.509 ppbv

RT: 14.66 min Scan# 3694

Delta R.T. -0.01 min

Lab File: VL039219.D

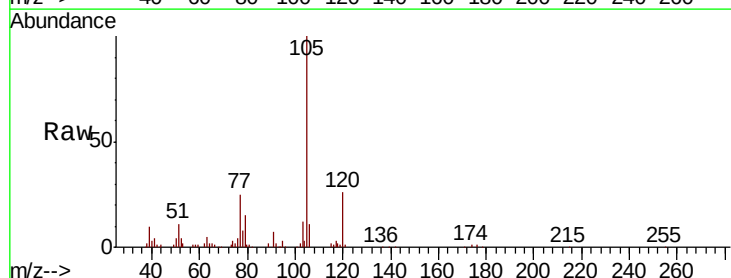
Acq: 7 Jun 2022 21:35

Tgt Ion:105 Resp: 128706

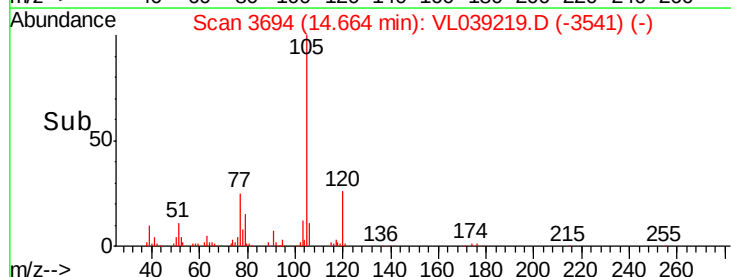
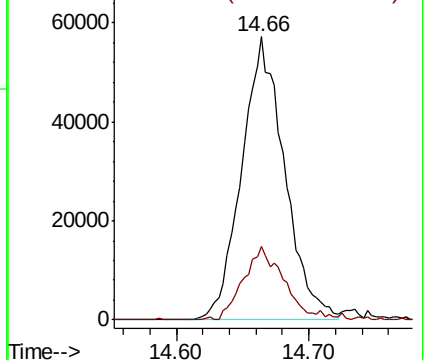
Ion Ratio Lower Upper

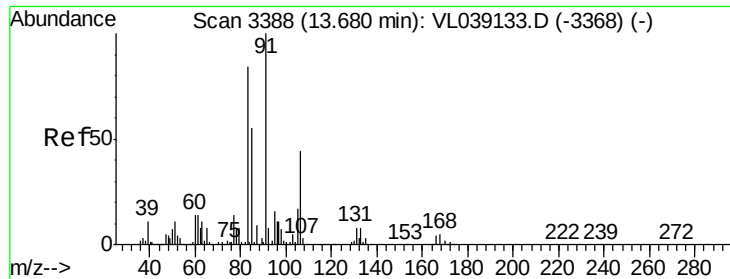
105 100

120 25.4 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: 0.312 ppbv

RT: 13.67 min Scan# 3386

Delta R.T. -0.01 min

Lab File: VL039219.D

Acq: 7 Jun 2022 21:35

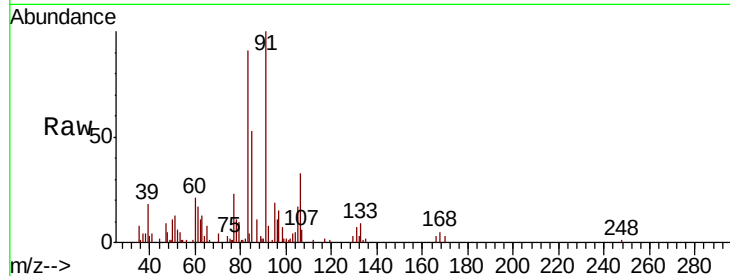
Tot Ion: 83 Resp: 29788

Ion Ratio Lower Upper

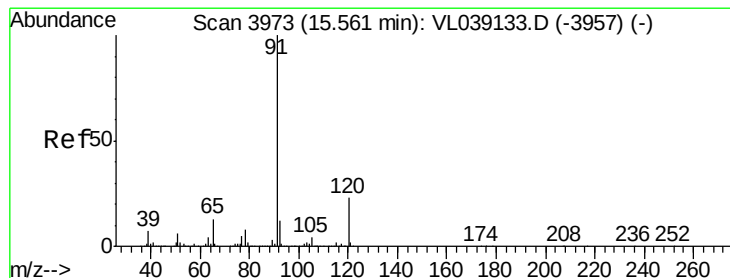
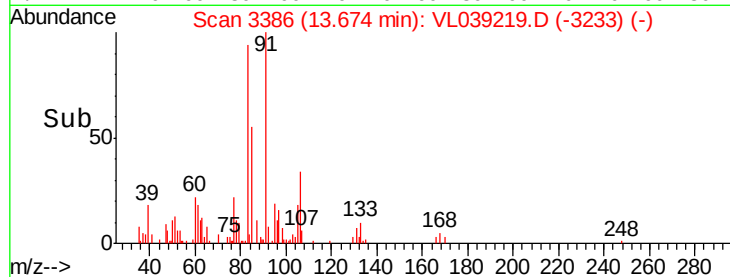
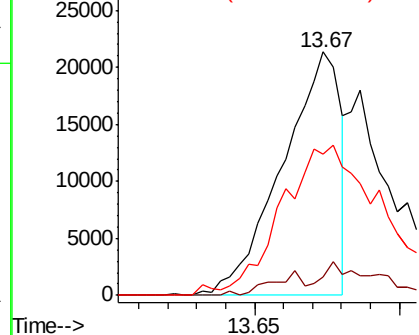
83 100

131 19.3 4.8 14.3#

85 110.2 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: 0.321 ppbv

RT: 15.55 min Scan# 3971

Delta R.T. -0.01 min

Lab File: VL039219.D

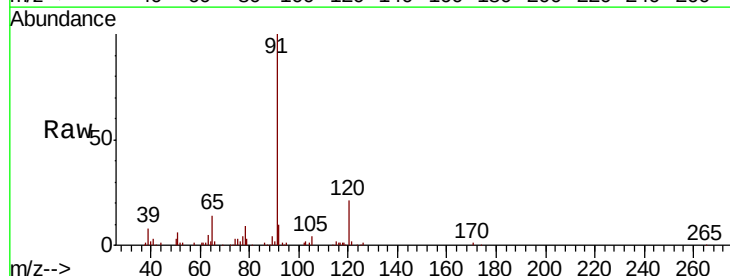
Acq: 7 Jun 2022 21:35

Tgt Ion:120 Resp: 19954

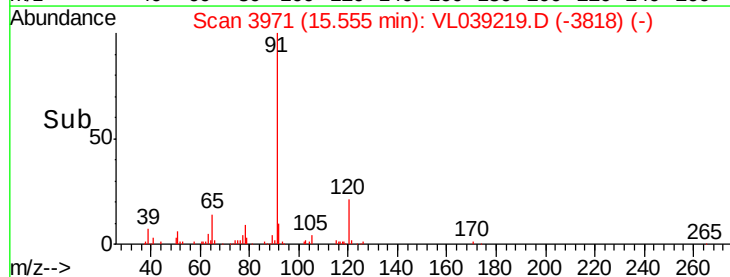
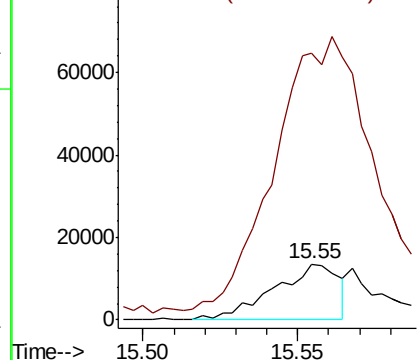
Ion Ratio Lower Upper

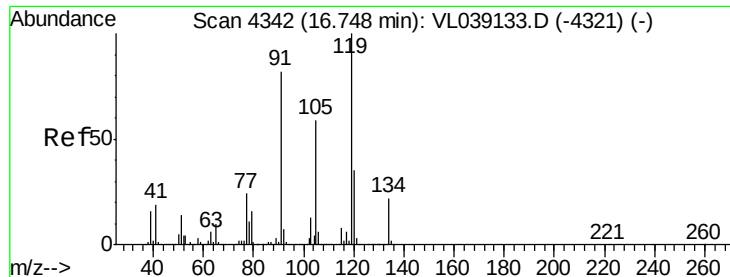
120 100

91 513.4 388.4 582.6



Abundance Ion 120.20 (119.90 to 120.90): V
Ion 91.10 (90.80 to 91.80): VL0





#65

tert-Butylbenzene

Concen: 0.241 ppbv

RT: 16.74 min Scan# 4339

Delta R.T. -0.01 min

Lab File: VL039219.D

Acq: 7 Jun 2022 21:35

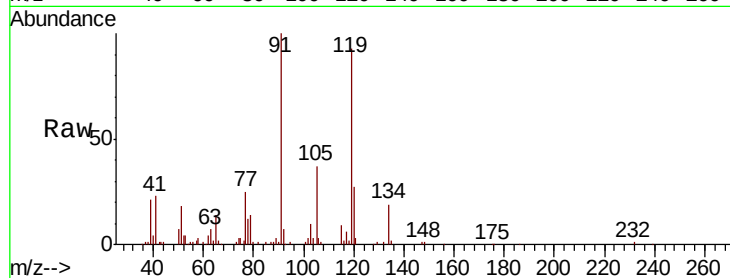
Tot Ion: 119 Resp: 55829

Ion Ratio Lower Upper

119 100

91 206.7 67.1 100.7#

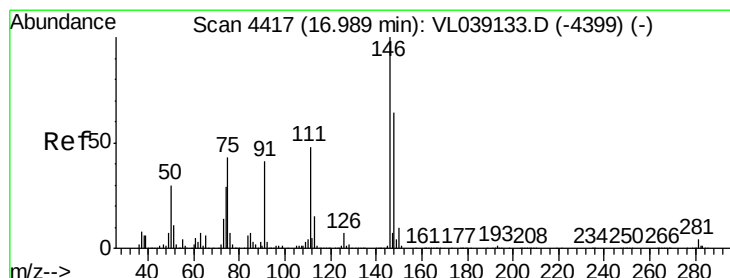
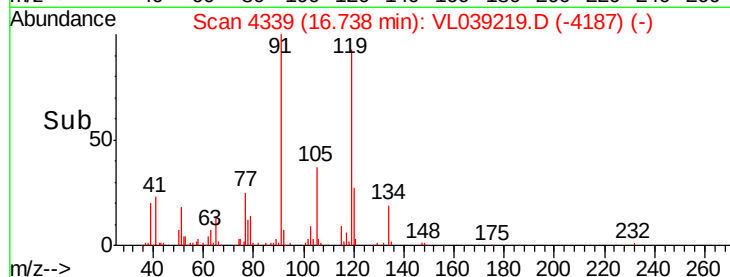
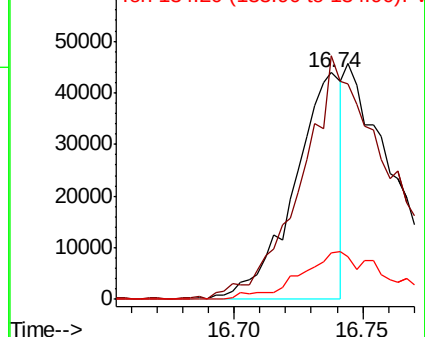
134 0.0 15.8 23.8#



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: 0.146 ppbv

RT: 16.98 min Scan# 4413

Delta R.T. -0.01 min

Lab File: VL039219.D

Acq: 7 Jun 2022 21:35

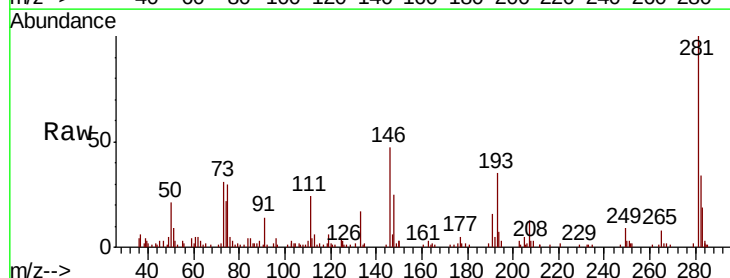
Tgt Ion: 91 Resp: 4403

Ion Ratio Lower Upper

91 100

126 73.6 13.4 20.0#

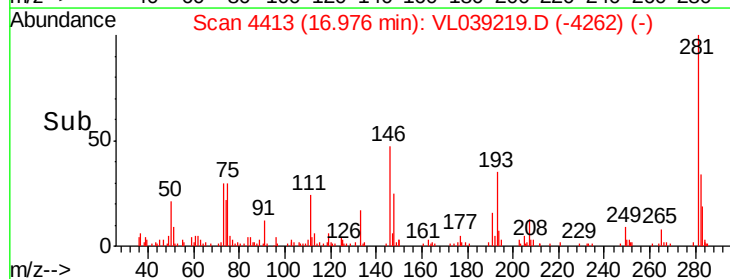
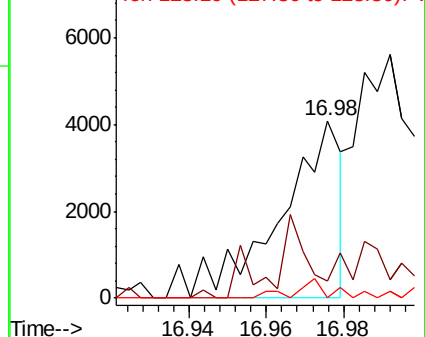
128 0.0 4.1 6.1#

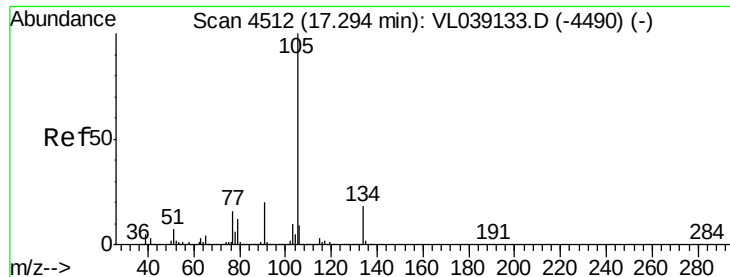


Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V

Ion 128.10 (127.80 to 128.80): V





#67

sec-Butylbenzene

Concen: 0.523 ppbv

RT: 17.29 min Scan# 4511

Delta R.T. -0.00 min

Lab File: VL039219.D

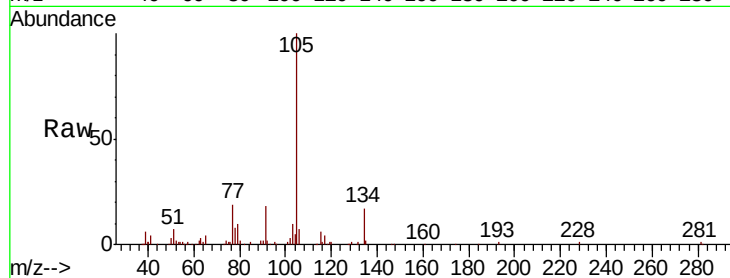
Acq: 7 Jun 2022 21:35

Tot Ion: 105 Resp: 164994

Ion Ratio Lower Upper

105 100

134 17.1 14.4 21.6



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.20 (133.90 to 134.90): V

17.29

80000

60000

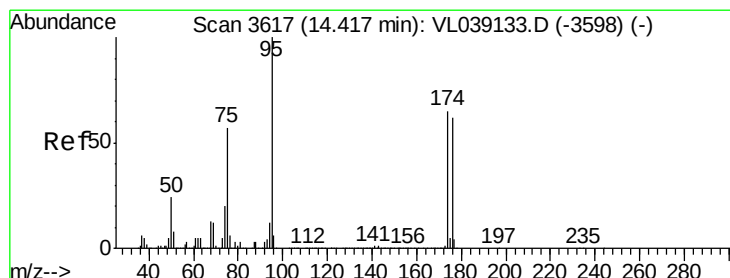
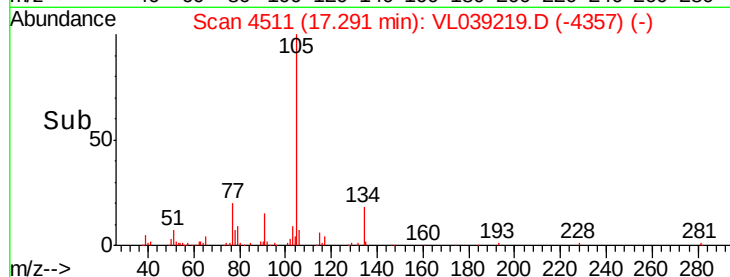
40000

20000

0

Time-->

17.20 17.25 17.30 17.35



#68

1-Bromo-4-Fluorobenzene

Concen: 10.639 ppbv

RT: 14.41 min Scan# 3615

Delta R.T. -0.01 min

Lab File: VL039219.D

Acq: 7 Jun 2022 21:35

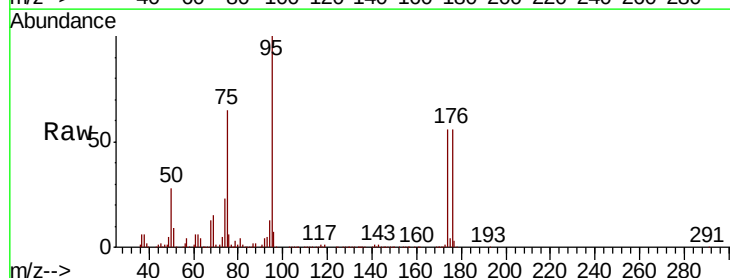
Tgt Ion: 95 Resp: 1313153

Ion Ratio Lower Upper

95 100

174 59.8 53.8 80.8

175 4.3 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

14.41

600000

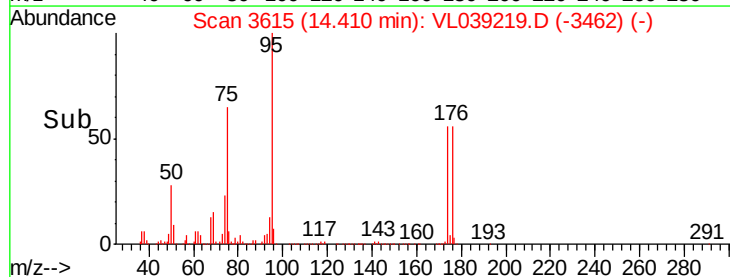
400000

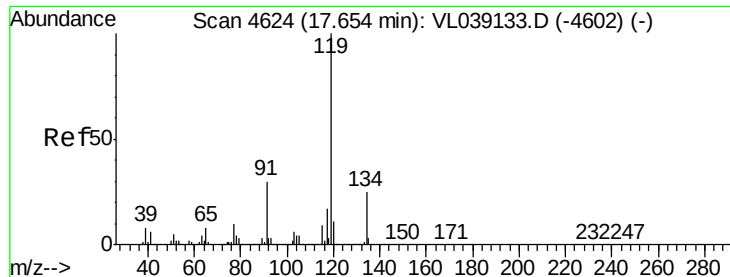
200000

0

Time-->

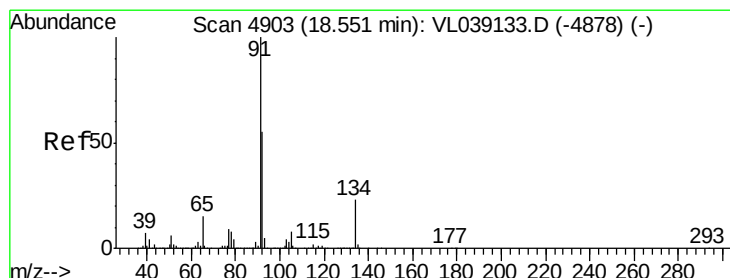
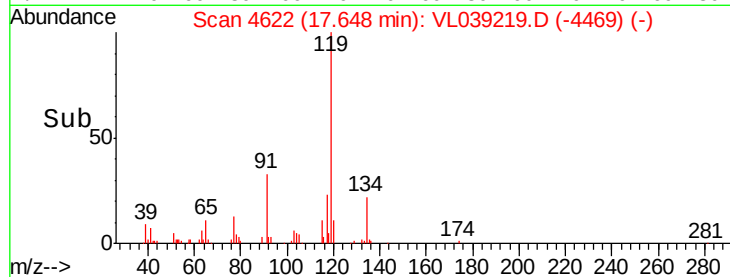
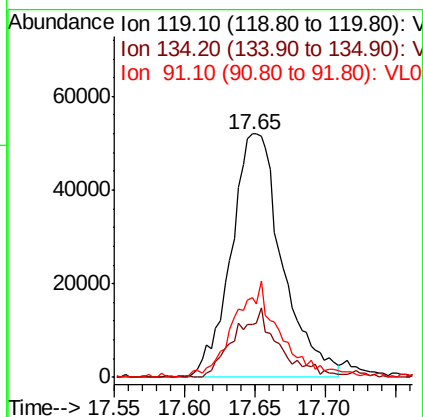
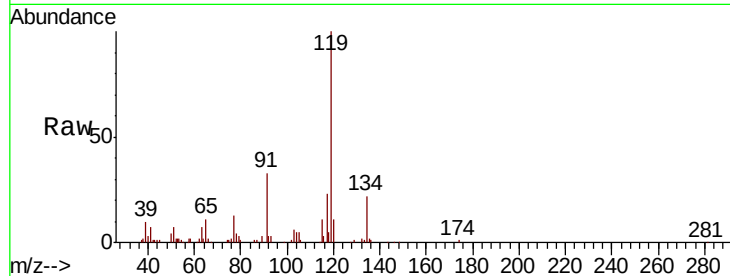
14.30 14.40 14.50





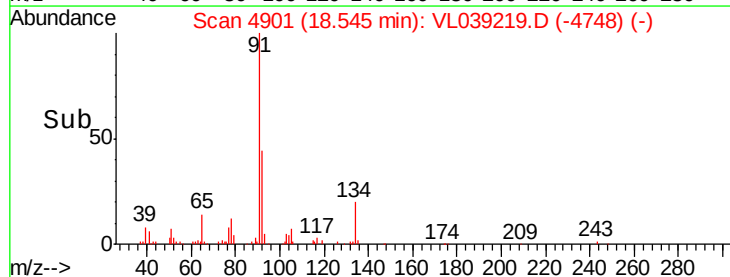
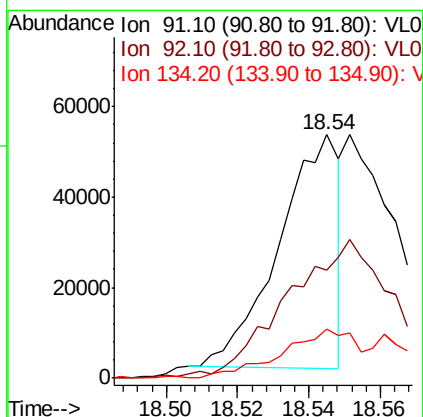
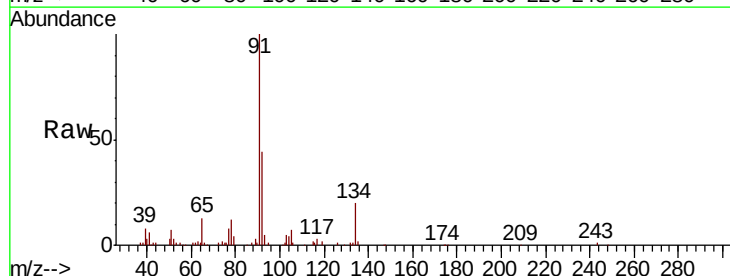
#69
 p-Isopropyltoluene
 Concen: 0.494 ppbv
 RT: 17.65 min Scan# 4622
 Delta R.T. -0.01 min
 Lab File: VL039219.D
 Acq: 7 Jun 2022 21:35

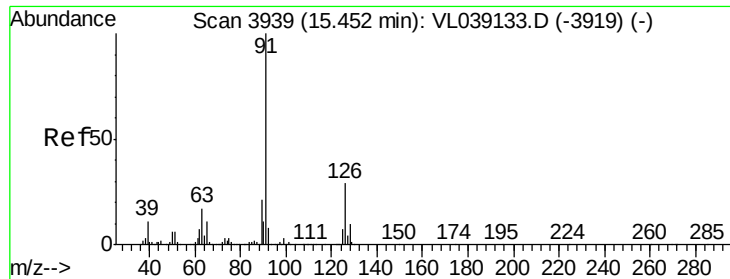
Tot Ion	Ratio	Lower	Upper
119	100		
134	25.5	20.4	30.6
91	37.1	24.2	36.4



#70
 n-Butylbenzene
 Concen: 0.223 ppbv
 RT: 18.54 min Scan# 4901
 Delta R.T. -0.01 min
 Lab File: VL039219.D
 Acq: 7 Jun 2022 21:35

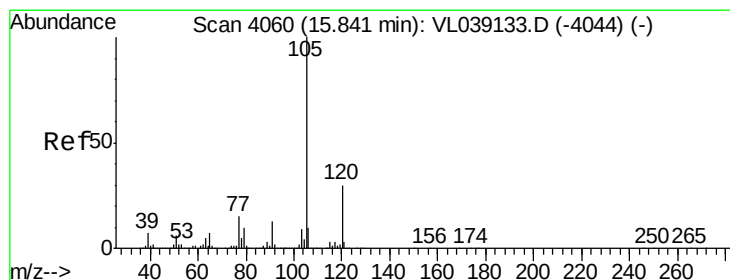
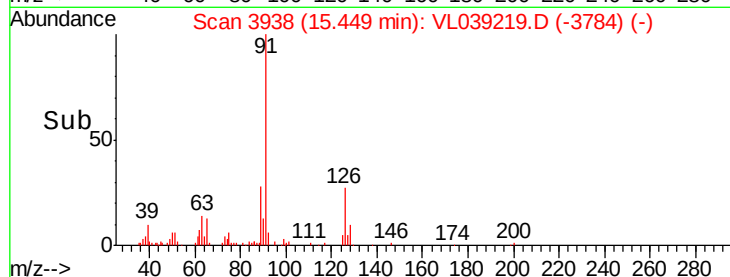
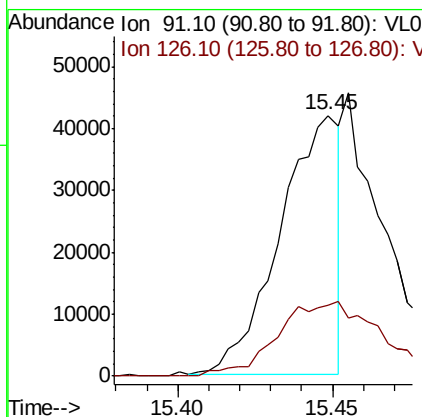
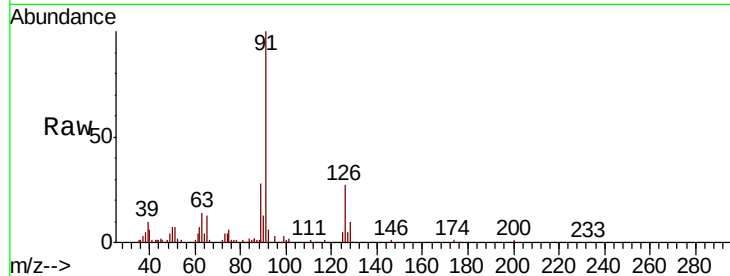
Tgt Ion	Ratio	Lower	Upper
91	100		
92	0.0	43.6	65.4
134	44.3	17.7	26.5





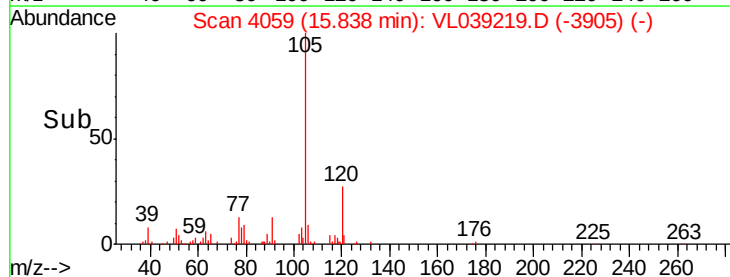
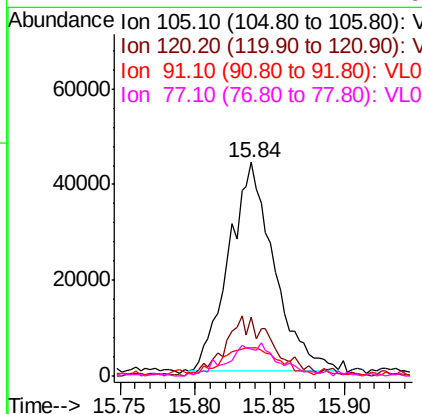
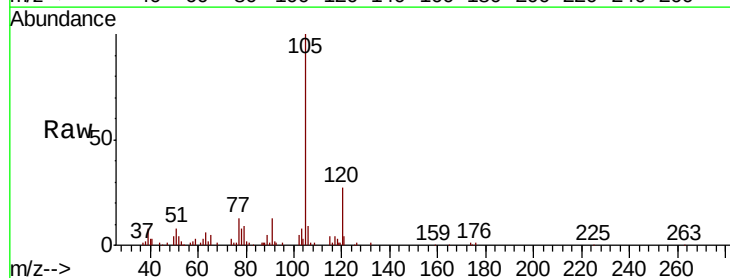
#71
2-Chlorotoluene
Concen: 0.292 ppbv
RT: 15.45 min Scan# 3938
Delta R.T. -0.00 min
Lab File: VL039219.D
Acq: 7 Jun 2022 21:35

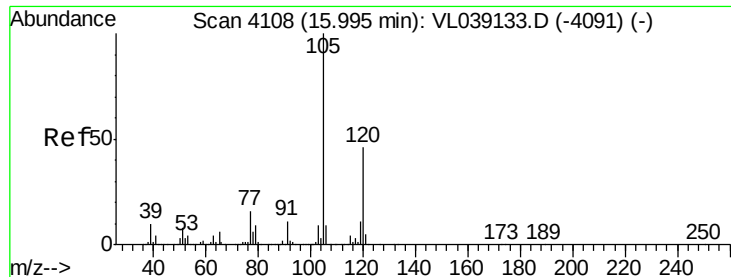
Tot Ion: 91 Resp: 56243
Ion Ratio Lower Upper
91 100
126 0.0 12.2 48.6#



#72
4-Ethyltoluene
Concen: 0.462 ppbv
RT: 15.84 min Scan# 4059
Delta R.T. -0.00 min
Lab File: VL039219.D
Acq: 7 Jun 2022 21:35

Tgt Ion:105 Resp: 92163
Ion Ratio Lower Upper
105 100
120 31.4 23.9 35.9
91 18.3 10.6 16.0#
77 17.7 11.7 17.5#





#73

1,3,5-Trimethylbenzene

Concen: 0.281 ppbv

RT: 16.00 min Scan# 4108

Delta R.T. -0.00 min

Lab File: VL039219.D

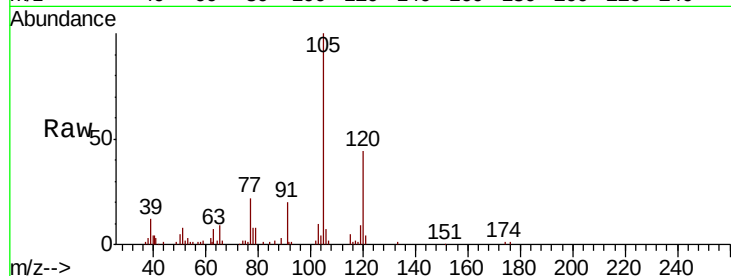
Acq: 7 Jun 2022 21:35

Tot Ion:105 Resp: 50461

Ion Ratio Lower Upper

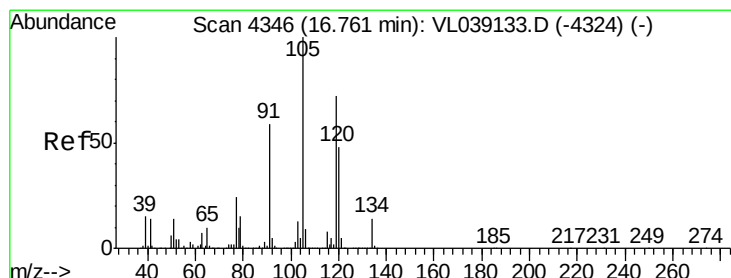
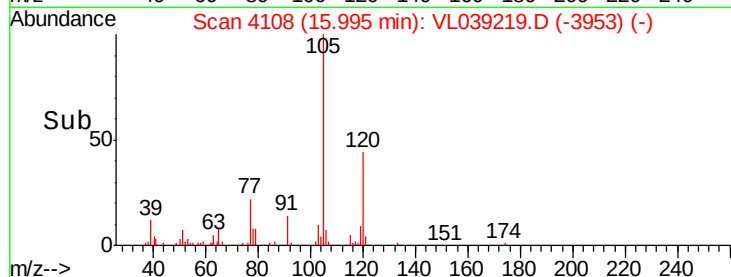
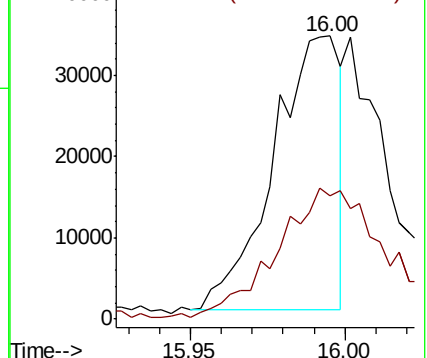
105 100

120 48.9 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: 0.239 ppbv

RT: 16.75 min Scan# 4343

Delta R.T. -0.01 min

Lab File: VL039219.D

Acq: 7 Jun 2022 21:35

Tgt Ion:105 Resp: 48070

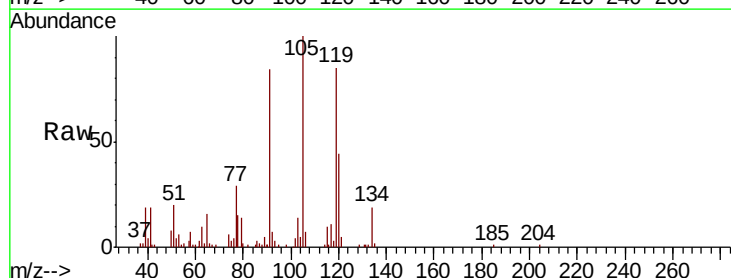
Ion Ratio Lower Upper

105 100

120 42.1 38.1 57.1

91 71.3 47.4 71.0#

77 25.1 19.5 29.3

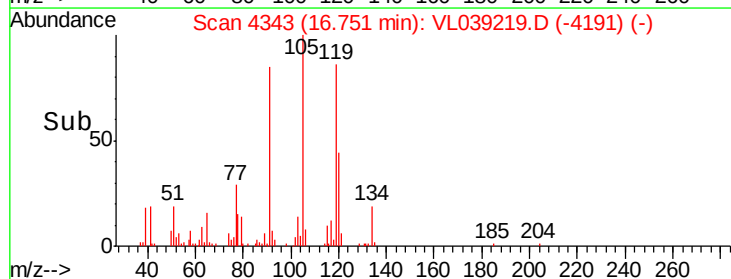
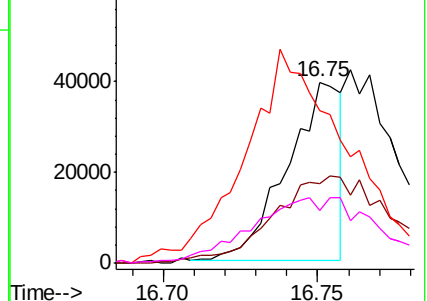


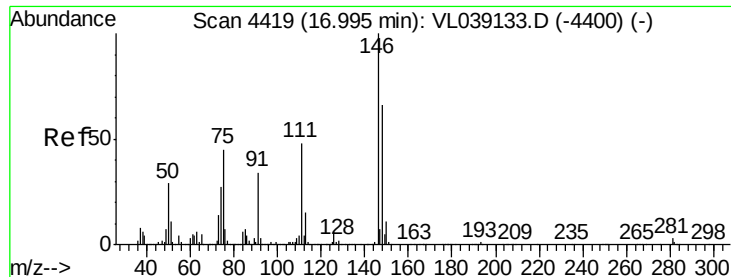
Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

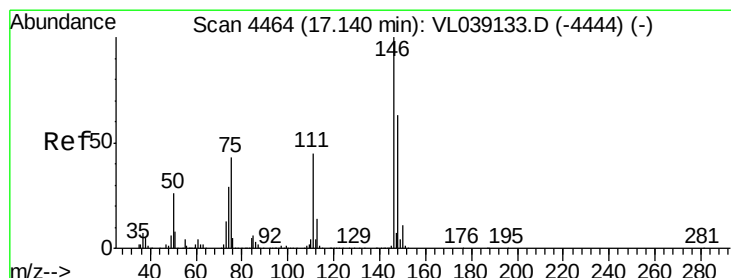
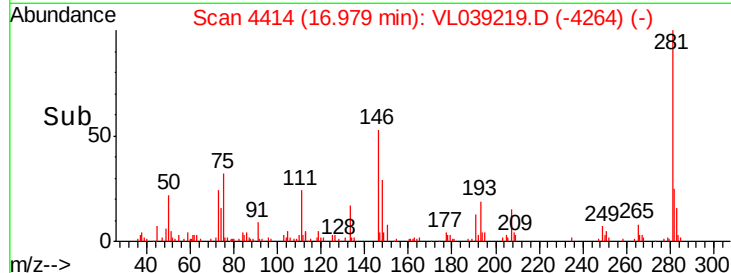
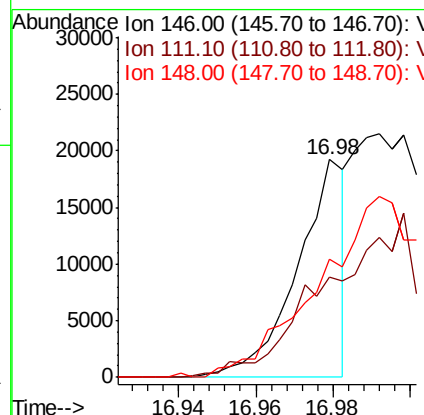
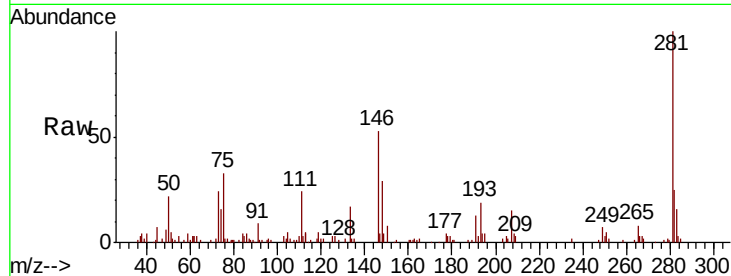
Ion 77.10 (76.80 to 77.80): VL0





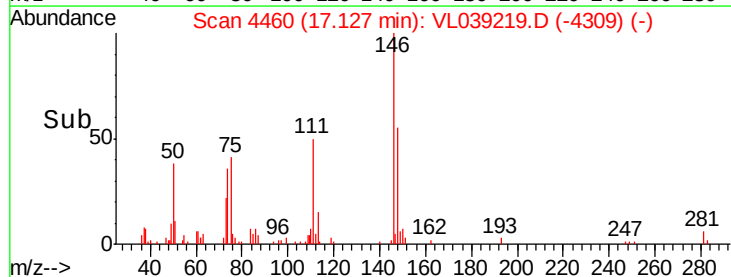
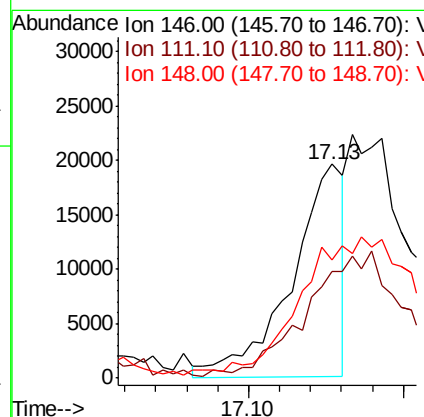
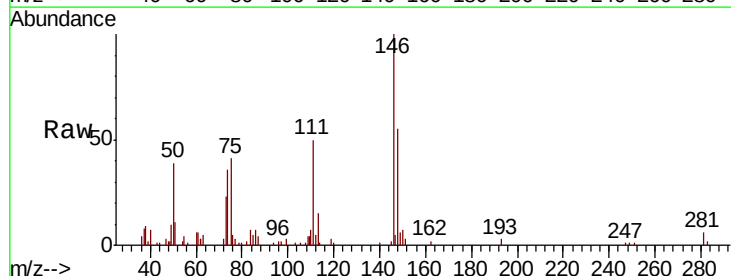
#75
 1,3-Dichlorobenzene
 Concen: 0.146 ppbv
 RT: 16.98 min Scan# 4414
 Delta R.T. -0.02 min
 Lab File: VL039219.D
 Acq: 7 Jun 2022 21:35

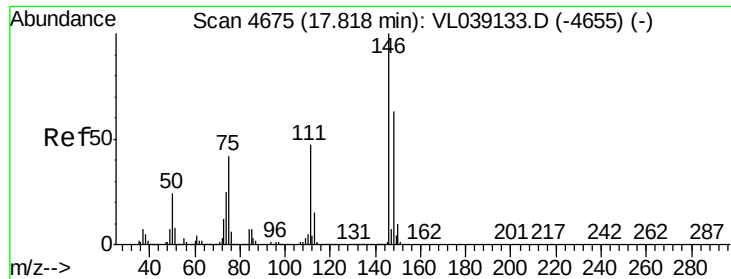
Tot Ion	Ratio	Lower	Upper
146	100		
111	0.0	23.8	71.4#
148	0.0	32.4	97.0#



#76
 1,4-Dichlorobenzene
 Concen: 0.202 ppbv
 RT: 17.13 min Scan# 4460
 Delta R.T. -0.01 min
 Lab File: VL039219.D
 Acq: 7 Jun 2022 21:35

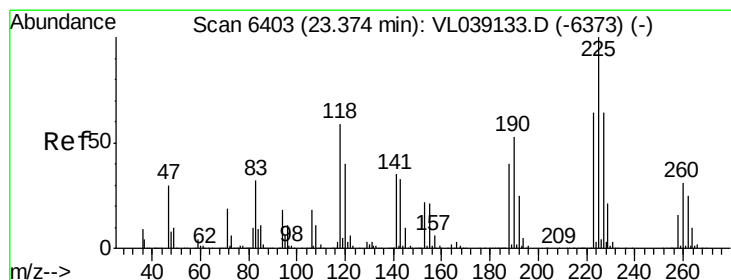
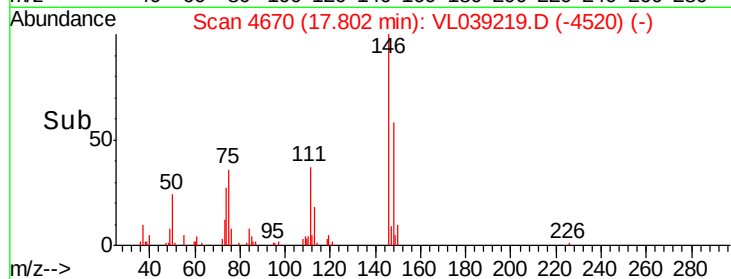
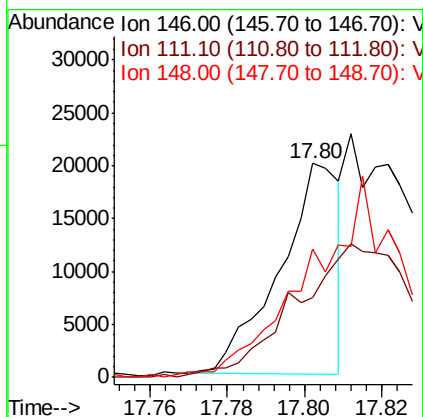
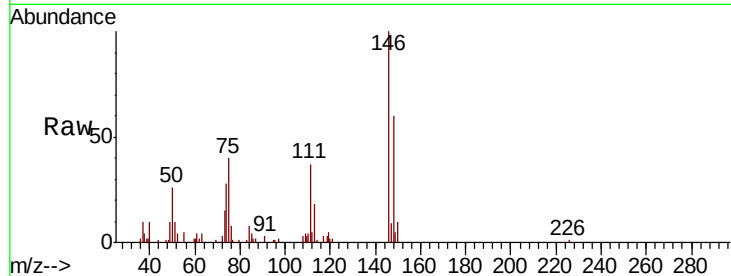
Tgt Ion	Ratio	Lower	Upper
146	100		
111	0.0	23.6	71.0#
148	0.0	33.7	101.0#





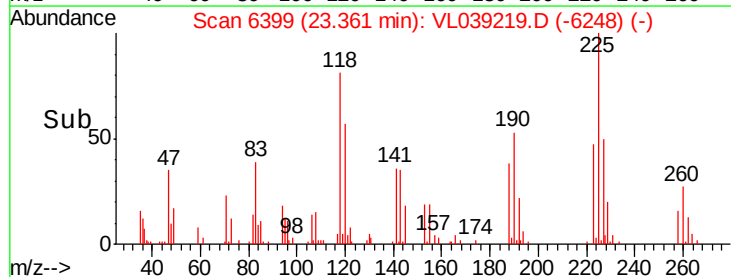
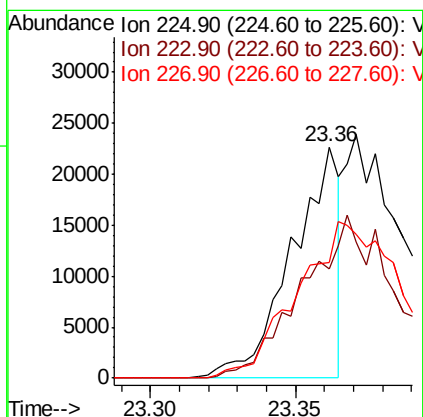
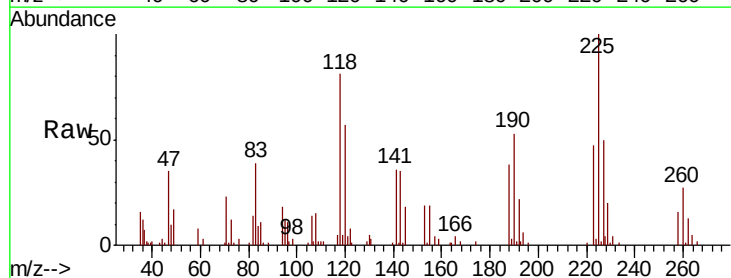
#77
 1,2-Dichlorobenzene
 Concen: 0.187 ppbv
 RT: 17.80 min Scan# 4670
 Delta R.T. -0.02 min
 Lab File: VL039219.D
 Acq: 7 Jun 2022 21:35

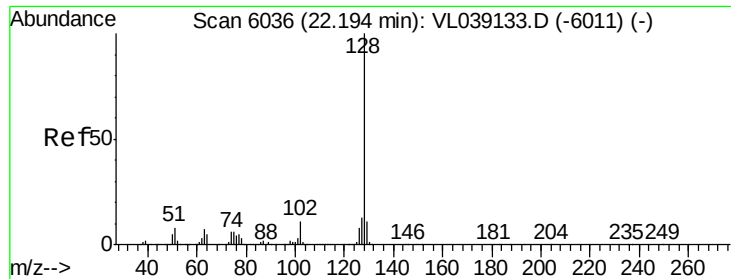
Tot Ion:146 Resp: 21415
 Ion Ratio Lower Upper
 146 100
 111 0.0 24.4 73.4#
 148 0.0 32.1 96.5#



#78
 Hexachloro-1,3-Butadiene
 Concen: 0.246 ppbv
 RT: 23.36 min Scan# 6399
 Delta R.T. -0.01 min
 Lab File: VL039219.D
 Acq: 7 Jun 2022 21:35

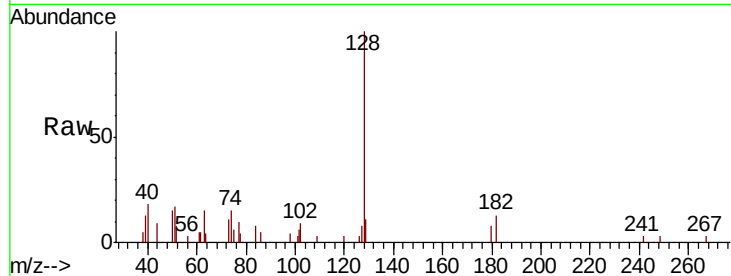
Tgt Ion:225 Resp: 25715
 Ion Ratio Lower Upper
 225 100
 223 0.0 51.4 77.0#
 227 0.0 50.6 75.8#



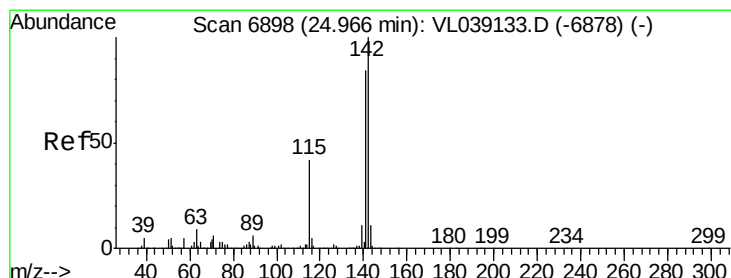
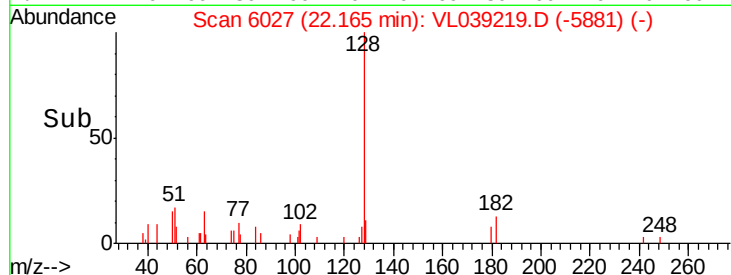
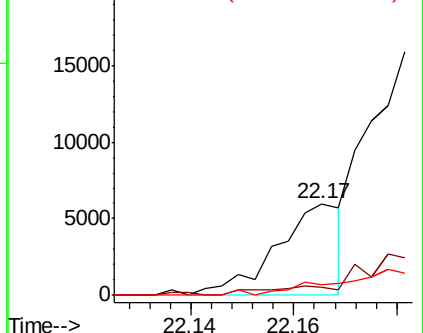


#79
Naphthalene
Concen: 0.034 ppbv
RT: 22.17 min Scan# 6027
Delta R.T. -0.03 min
Lab File: VL039219.D
Acq: 7 Jun 2022 21:35

Tot Ion:128 Resp: 5285
Ion Ratio Lower Upper
128 100
127 5.8 10.4 15.6#
129 11.2 9.0 13.6

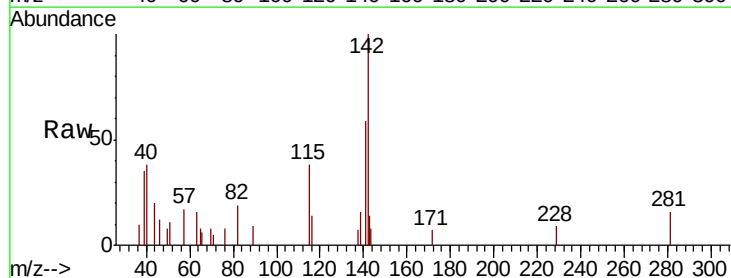


Abundance Ion 128.10 (127.80 to 128.80): V
Ion 127.10 (126.80 to 127.80): V
Ion 129.10 (128.80 to 129.80): V

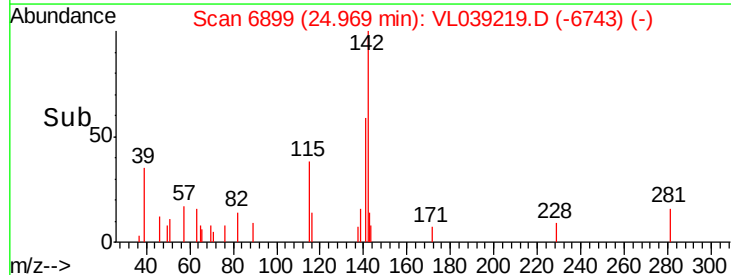
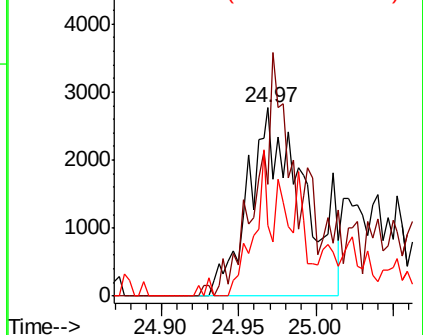


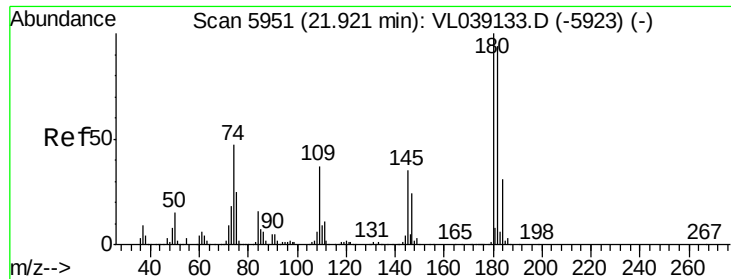
#80
Naphthalene, 2-methyl-
Concen: 0.121 ppbv
RT: 24.97 min Scan# 6899
Delta R.T. 0.00 min
Lab File: VL039219.D
Acq: 7 Jun 2022 21:35

Tgt Ion:142 Resp: 6924
Ion Ratio Lower Upper
142 100
141 119.2 64.6 96.8#
115 55.8 32.7 49.1#



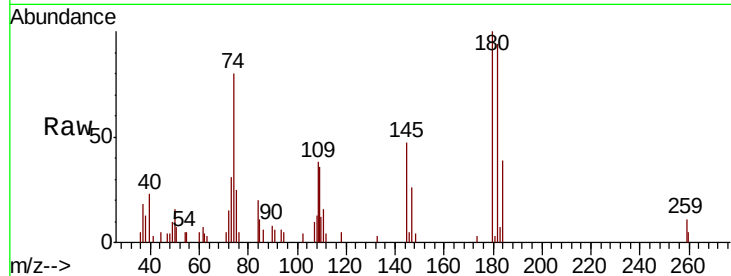
Abundance Ion 142.00 (141.70 to 142.70): V
Ion 141.00 (140.70 to 141.70): V
Ion 115.00 (114.70 to 115.70): V





#81
 1,2,4-Trichlorobenzene
 Concen: 0.057 ppbv
 RT: 21.90 min Scan# 5944
 Delta R.T. -0.02 min
 Lab File: VL039219.D
 Acq: 7 Jun 2022 21:35

Tot Ion:	180	Resp:	5625
Ion Ratio	Lower	Upper	
180	100		
182	0.0	0.0	0.0
184	0.0	0.0	0.0



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V

