

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL060722\
 Data File : VL039222.D
 Acq On : 7 Jun 2022 23:35
 Operator : SY/AP
 Sample : N3214-14 0.5L0Q
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 08 05:02:42 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	668144	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	1570375	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	1326397	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	1245719	11.36	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	113.60%

Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.06	85	114514	0.976	ppbv 97
3) Chlorodifluoromethane	3.00	51	63545	0.747	ppbv 93
4) Chloromethane	3.15	50	23779	0.545	ppbv # 81
5) Vinyl Chloride	3.27	62	30197	0.740	ppbv 99
6) Bromomethane	3.48	94	9321	0.464	ppbv # 80
7) Chloroethane	3.57	64	6460	0.454	ppbv # 86
8) Dichlorotetrafluoroethane	3.20	85	83886	0.782	ppbv 100
9) Propene	3.02	41	11653	0.314	ppbv # 15
10) Heptane	8.13	43	26160	0.303	ppbv # 42
11) Trichlorofluoromethane	3.96	101	105838	0.996	ppbv 89
12) 1,1,2-Trichlorotrifluoroet	4.49	101	63140	0.899	ppbv 98
13) Ethanol	3.62	45	537	0.266	ppbv # 100
14) Bromoethene	3.74	108	8981	0.284	ppbv # 4
15) Acetone	3.87	43	51174	0.735	ppbv # 79
16) 1,3-Butadiene	3.34	39	25926	0.693	ppbv 94
18) 1,1-Dichloroethene	4.29	96	28453	0.903	ppbv 93
20) Methylene Chloride	4.35	84	28256	0.963	ppbv # 92
21) Allyl Chloride	4.41	41	33927	0.723	ppbv # 83
22) trans-1,2-Dichloroethene	4.89	96	24133	0.796	ppbv 98
23) Vinyl Acetate	5.08	43	27220	0.473	ppbv # 94
24) 1,1-Dichloroethane	5.02	63	63456	0.804	ppbv 97
25) Ethyl Acetate	5.69	43	82543	0.526	ppbv # 94
26) Hexane	5.69	57	36789	0.534	ppbv # 69
27) Carbon Disulfide	4.56	76	45440	0.636	ppbv 98
28) Methyl tert-Butyl Ether	5.05	73	53042	0.697	ppbv 94
29) Chloroform	5.75	83	83219	0.717	ppbv 86
30) Cyclohexane	7.13	84	18116	0.313	ppbv # 1
31) cis-1,2-Dichloroethene	5.55	61	41456	0.590	ppbv # 79
32) 1,1,1-Trichloroethane	6.51	97	74404	0.655	ppbv 93
34) 2-Butanone	5.26	43	52189	0.612	ppbv 98
35) Carbon Tetrachloride	7.02	117	78440	0.684	ppbv # 80
36) Benzene	6.90	78	73958	0.580	ppbv 96
37) 1,2-Dichloroethane	6.31	62	38059	0.454	ppbv # 92
38) Trichloroethene	7.84	130	34052	0.581	ppbv 95
39) 1,2-Dichloropropane	7.61	63	11581	0.228	ppbv # 87
41) Tetrahydrofuran	6.08	42	15699	0.306	ppbv # 50
42) Bromodichloromethane	7.79	83	73842	0.634	ppbv # 98
43) Methyl Methacrylate	8.01	69	7211	0.145	ppbv # 1
44) 2,2,4-Trimethylpentane	7.87	57	59756	0.268	ppbv # 43
45) t-1,3-Dichloropropene	9.28	75	16122	0.312	ppbv 98
46) cis-1,3-Dichloropropene	8.71	75	17687	0.259	ppbv 94

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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 01 01:22:18 2022

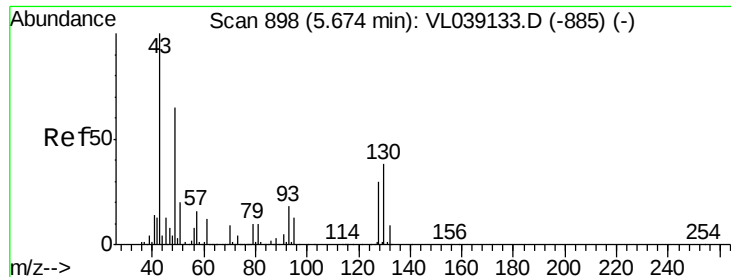
QLast Update : Wed Jun 01 01:22:18 2022

Response via : Initial Calibration

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

47) 1,1,2-Trichloroethane	9.46	97	10093	0.191	ppbv #	79
48) Dibromochloromethane	10.30	129	18950	0.201	ppbv #	9
50) 4-Methyl-2-Pentanone	8.76	43	59407	0.465	ppbv	88
51) 2-Hexanone	10.15	43	20187	0.203	ppbv #	28
52) Tetrachloroethene	11.21	164	9751	0.196	ppbv	97
53) Toluene	9.81	91	75737	0.516	ppbv	98
54) 1,2-Dibromoethane	10.61	107	26063	0.367	ppbv	98
56) 1,1,1,2-Tetrachloroethane	12.12	131	25715	0.410	ppbv #	1
57) Chlorobenzene	12.14	112	66299	0.664	ppbv #	89
58) Ethyl Benzene	12.72	91	113407	0.621	ppbv	94
59) m/p-Xylene	12.99	91	37609	0.234	ppbv #	33
60) o-Xylene	13.69	91	57252	0.379	ppbv #	59
61) Styrene	13.52	104	17713	0.219	ppbv #	25
62) Isopropylbenzene	14.66	105	64488	0.287	ppbv	42
63) 1,1,2,2-Tetrachloroethane	13.67	83	22641	0.267	ppbv #	24
64) n-propylbenzene	15.56	120	13970	0.253	ppbv #	1
65) tert-Butylbenzene	16.74	119	57612	0.280	ppbv #	17
66) Benzyl Chloride	16.99	91	5489	0.205	ppbv #	52
67) sec-Butylbenzene	17.29	105	80333	0.287	ppbv #	59
69) p-Isopropyltoluene	17.65	119	69578	0.294	ppbv #	32
70) n-Butylbenzene	18.55	91	146288	0.603	ppbv	98
71) 2-Chlorotoluene	15.45	91	102204	0.596	ppbv	99
72) 4-Ethyltoluene	15.84	105	100274	0.566	ppbv #	95
73) 1,3,5-Trimethylbenzene	16.00	105	95736	0.599	ppbv	86
74) 1,2,4-Trimethylbenzene	16.75	105	51013	0.286	ppbv #	64
75) 1,3-Dichlorobenzene	17.00	146	60710	0.601	ppbv	90
76) 1,4-Dichlorobenzene	17.13	146	58871	0.585	ppbv	91
77) 1,2-Dichlorobenzene	17.81	146	31035	0.305	ppbv #	6
78) Hexachloro-1,3-Butadiene	23.36	225	27924	0.300	ppbv #	18
79) Naphthalene	22.19	128	31627	0.230	ppbv #	83
80) Naphthalene,2-methyl-	24.98	142	5360	0.105	ppbv #	65
81) 1,2,4-Trichlorobenzene	21.91	180	10673	0.123	ppbv #	100

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 897

Delta R.T. -0.00 min

Lab File: VL039222.D

Acq: 7 Jun 2022 23:35

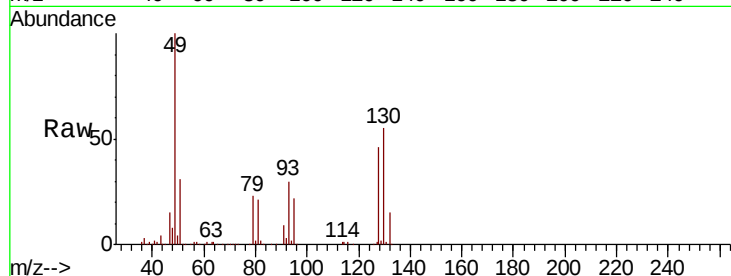
Tot Ion: 49 Resp: 668144

Ion	Ratio	Lower	Upper
49	100		
128	47.7	24.7	74.1
130	59.2	31.4	94.0

49 100

128 47.7 24.7 74.1

130 59.2 31.4 94.0



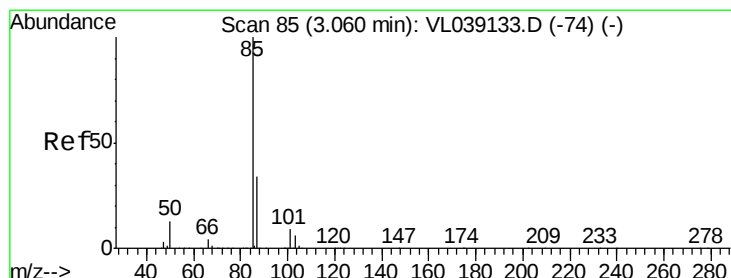
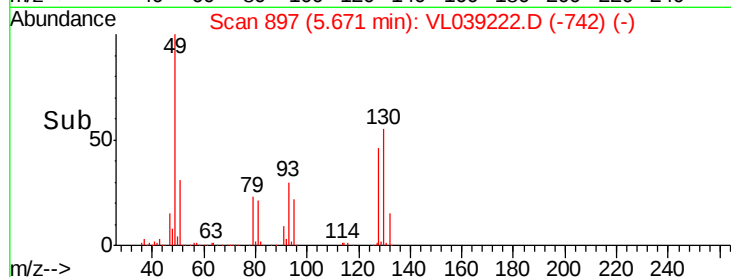
Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0

5.67

Time-->



#2

Dichlorodifluoromethane

Concen: 0.976 ppbv

RT: 3.06 min Scan# 84

Delta R.T. -0.00 min

Lab File: VL039222.D

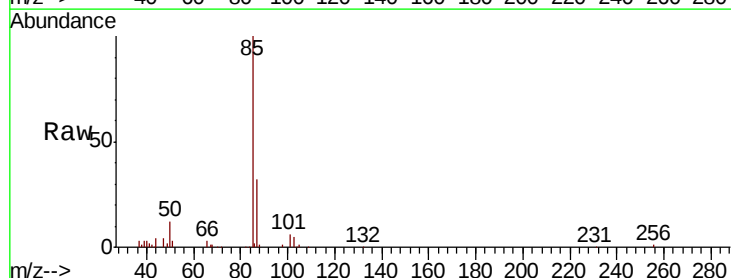
Acq: 7 Jun 2022 23:35

Tgt Ion: 85 Resp: 114514

Ion	Ratio	Lower	Upper
85	100		
87	32.1	26.9	40.3

85 100

87 32.1 26.9 40.3

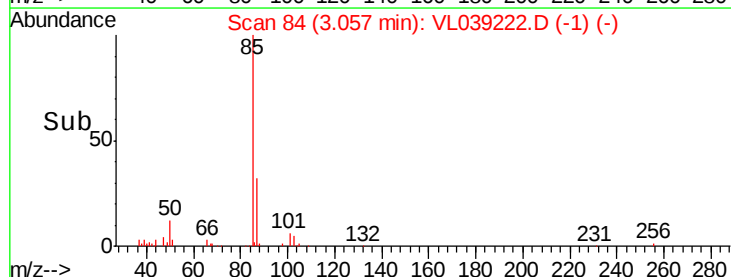


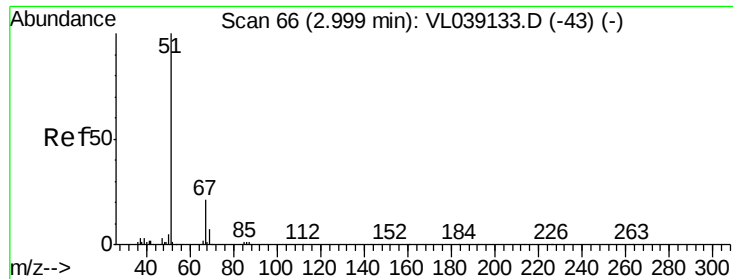
Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0

3.06

Time-->





#3

Chlorodifluoromethane

Concen: 0.747 ppbv

RT: 3.00 min Scan# 65

Delta R.T. -0.00 min

Lab File: VL039222.D

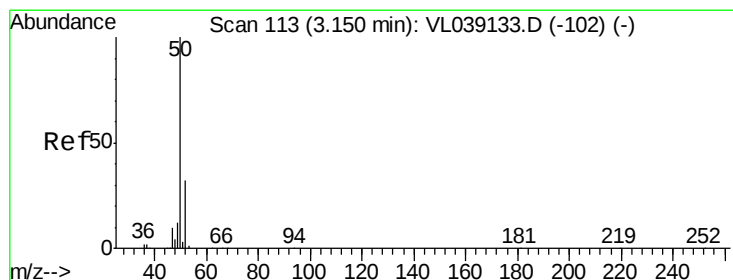
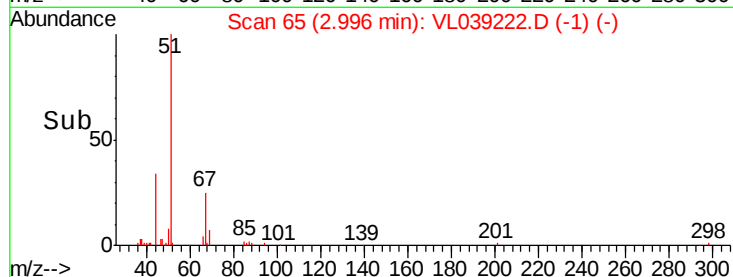
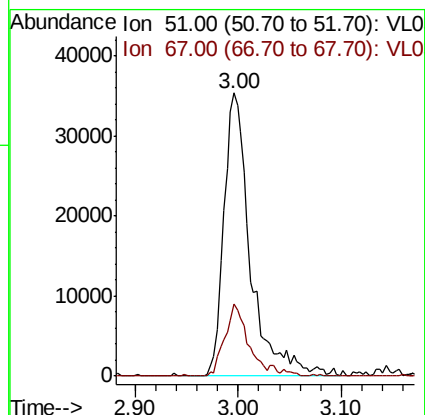
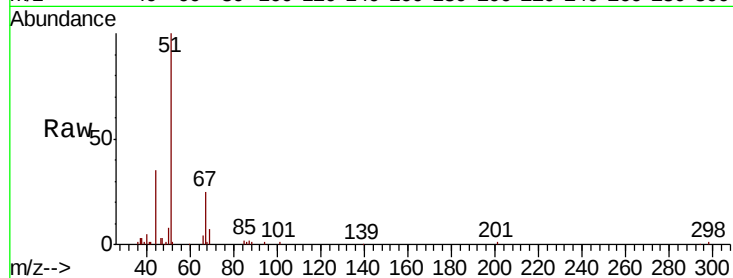
Acq: 7 Jun 2022 23:35

Tot Ion: 51 Resp: 63545

Ion Ratio Lower Upper

51 100

67 23.6 16.2 24.4



#4

Chloromethane

Concen: 0.545 ppbv

RT: 3.15 min Scan# 113

Delta R.T. 0.00 min

Lab File: VL039222.D

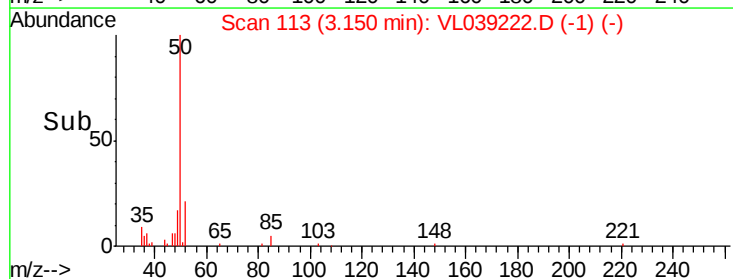
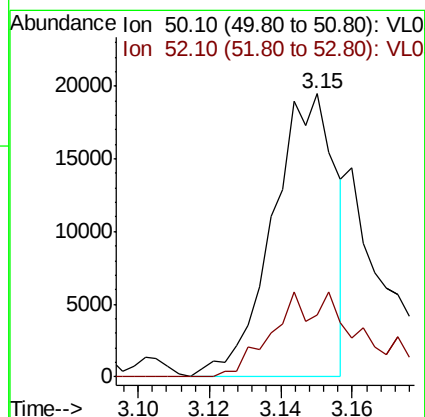
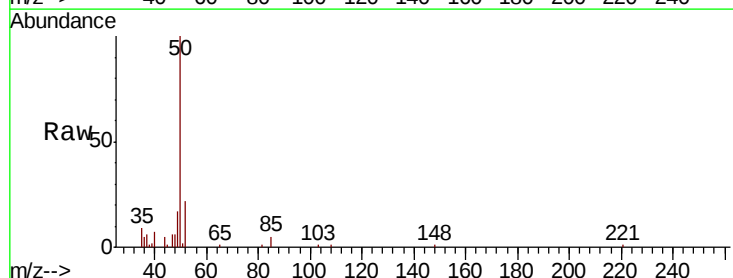
Acq: 7 Jun 2022 23:35

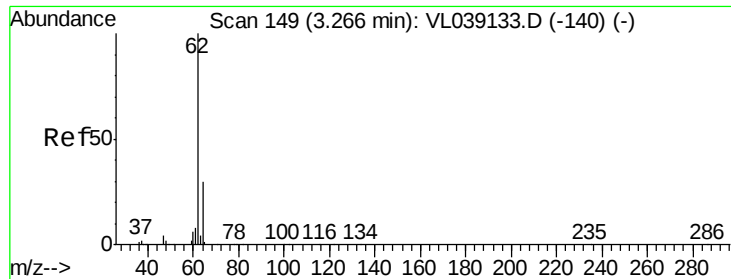
Tgt Ion: 50 Resp: 23779

Ion Ratio Lower Upper

50 100

52 21.7 25.9 38.9#





#5

Vinyl Chloride

Concen: 0.740 ppbv

RT: 3.27 min Scan# 149

Delta R.T. 0.00 min

Lab File: VL039222.D

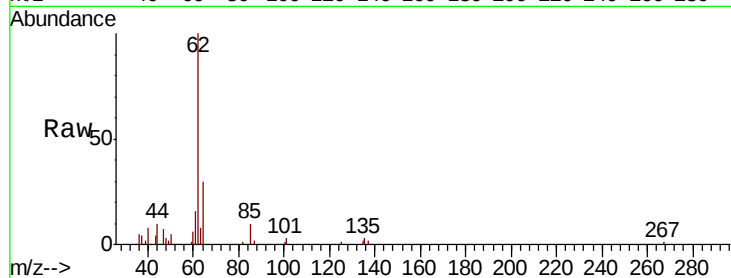
Acq: 7 Jun 2022 23:35

Tot Ion: 62 Resp: 30197

Ion Ratio Lower Upper

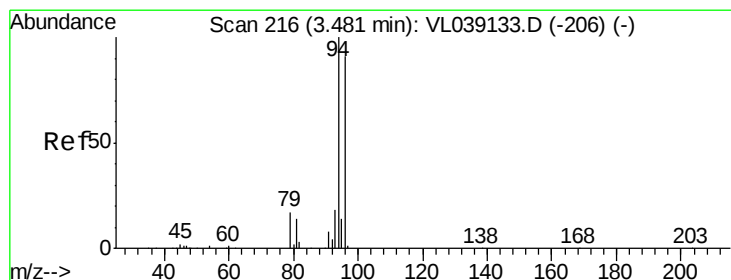
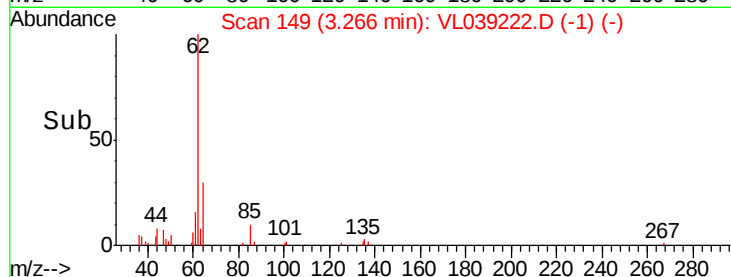
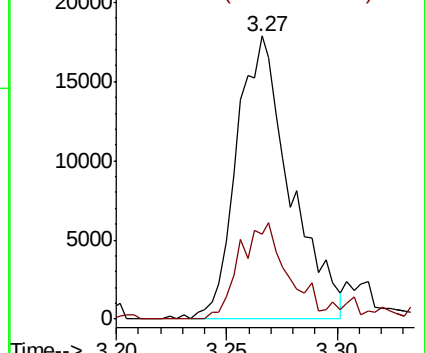
62 100

64 29.9 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: 0.464 ppbv

RT: 3.48 min Scan# 216

Delta R.T. 0.00 min

Lab File: VL039222.D

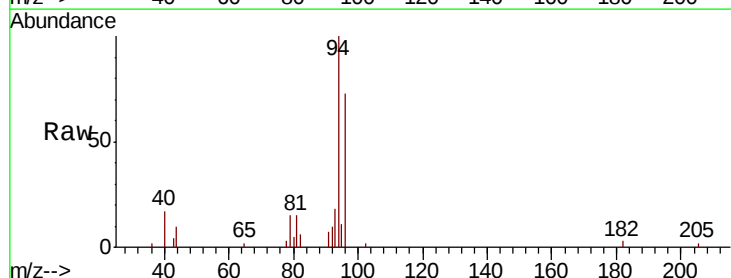
Acq: 7 Jun 2022 23:35

Tgt Ion: 94 Resp: 9321

Ion Ratio Lower Upper

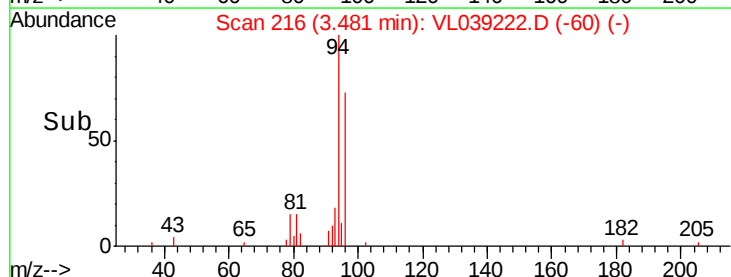
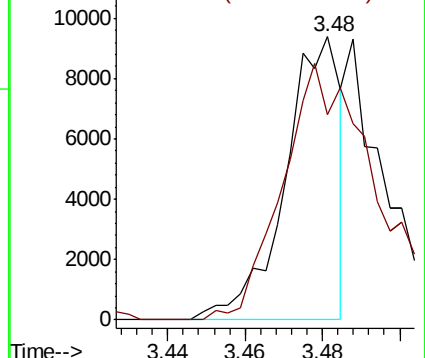
94 100

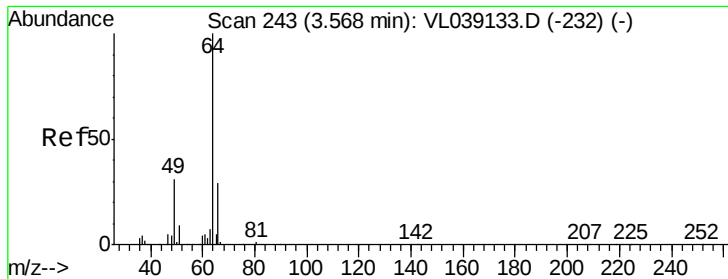
96 72.5 73.0 109.4#



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0





#7

Chloroethane

Concen: 0.454 ppbv

RT: 3.57 min Scan# 243

Delta R.T. 0.00 min

Lab File: VL039222.D

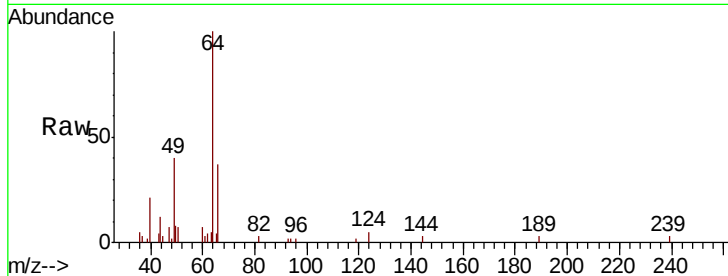
Acq: 7 Jun 2022 23:35

Tot Ion: 64 Resp: 6460

Ion Ratio Lower Upper

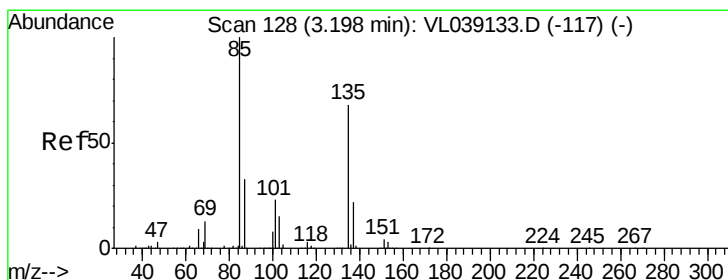
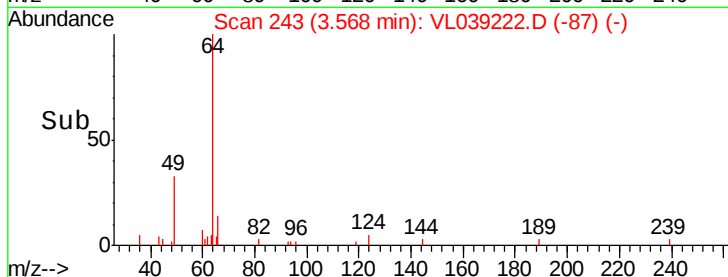
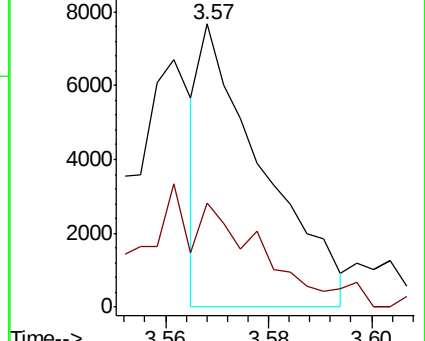
64 100

66 37.0 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: 0.782 ppbv

RT: 3.20 min Scan# 127

Delta R.T. -0.00 min

Lab File: VL039222.D

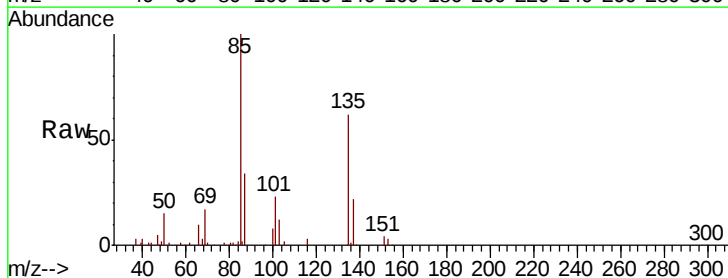
Acq: 7 Jun 2022 23:35

Tgt Ion: 85 Resp: 83886

Ion Ratio Lower Upper

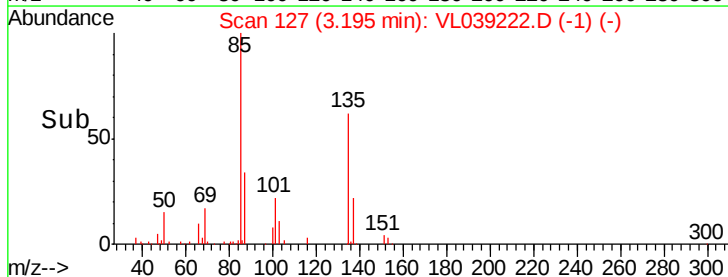
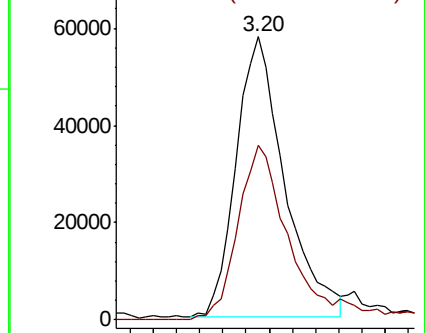
85 100

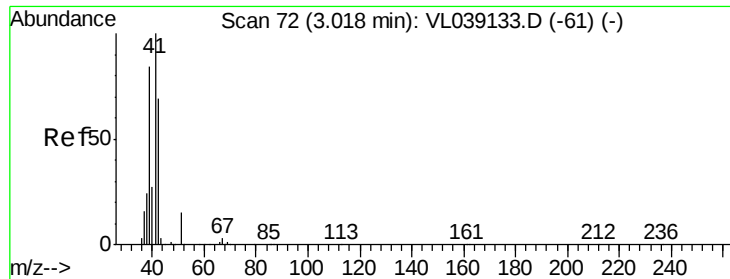
135 68.7 55.0 82.4



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V





#9

Propene

Concen: 0.314 ppbv

RT: 3.02 min Scan# 72

Delta R.T. 0.00 min

Lab File: VL039222.D

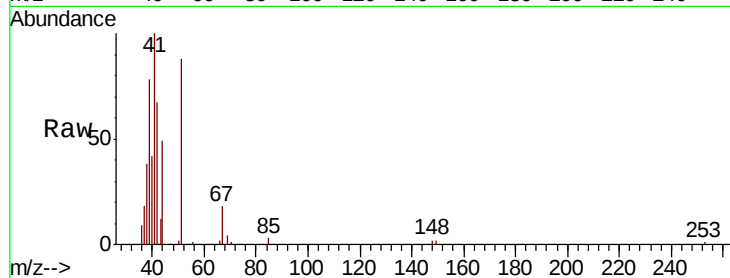
Acq: 7 Jun 2022 23:35

Tot Ion: 41 Resp: 11653

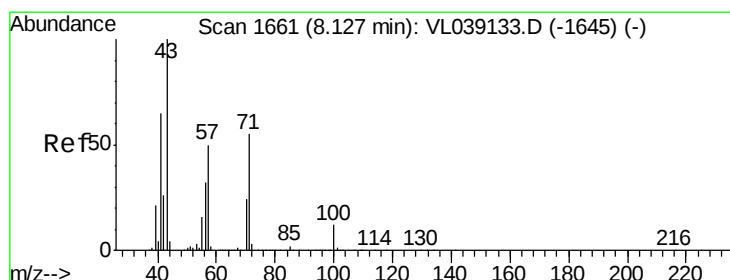
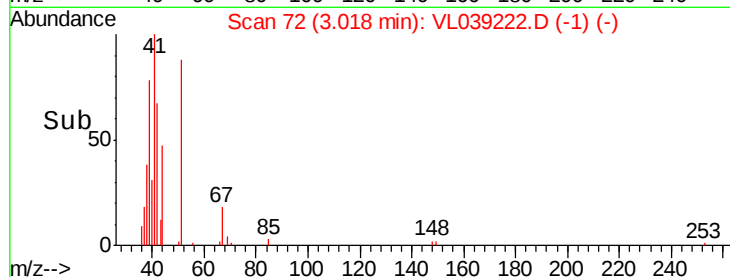
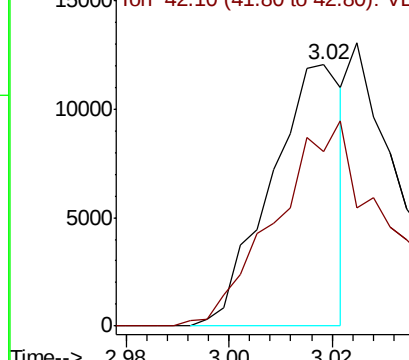
Ion Ratio Lower Upper

41 100

42 0.0 55.4 83.2#



Abundance Ion 41.10 (40.80 to 41.80): VL0
Ion 42.10 (41.80 to 42.80): VL0



#10

Heptane

Concen: 0.303 ppbv

RT: 8.13 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VL039222.D

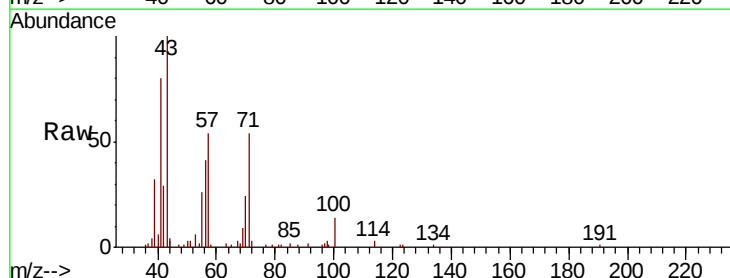
Acq: 7 Jun 2022 23:35

Tgt Ion: 43 Resp: 26160

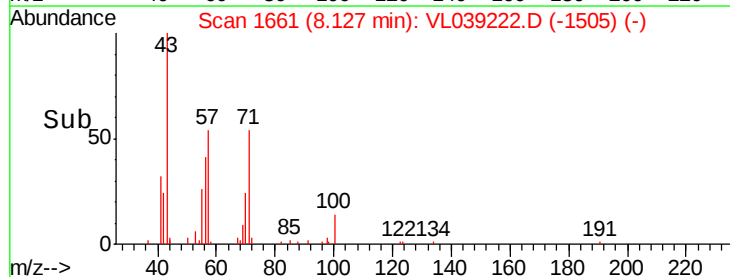
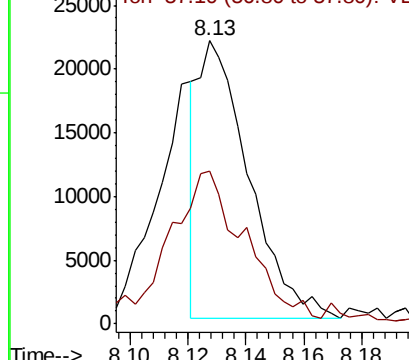
Ion Ratio Lower Upper

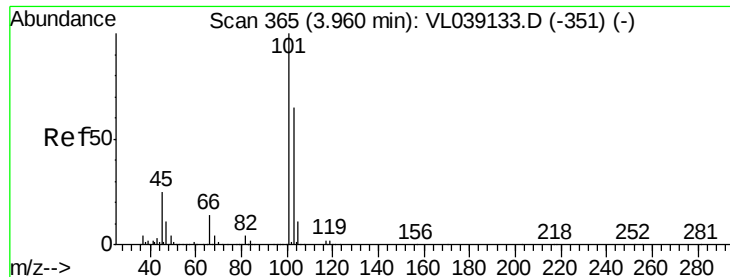
43 100

57 92.6 41.4 62.2#



Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 57.10 (56.80 to 57.80): VL0





#11

Trichlorofluoromethane

Concen: 0.996 ppbv

RT: 3.96 min Scan# 365

Delta R.T. 0.00 min

Lab File: VL039222.D

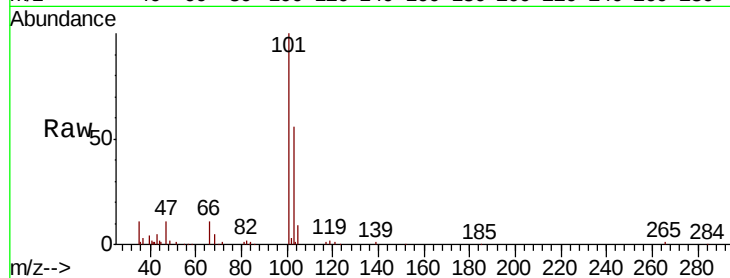
Acq: 7 Jun 2022 23:35

Tot Ion:101 Resp: 105838

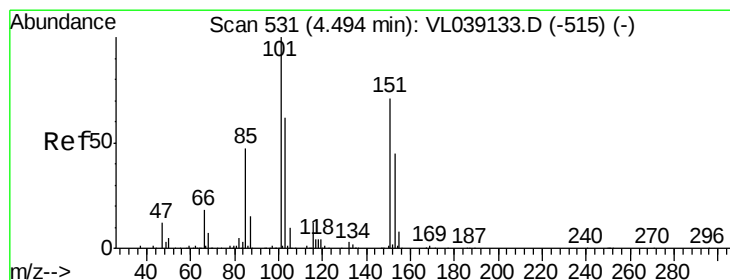
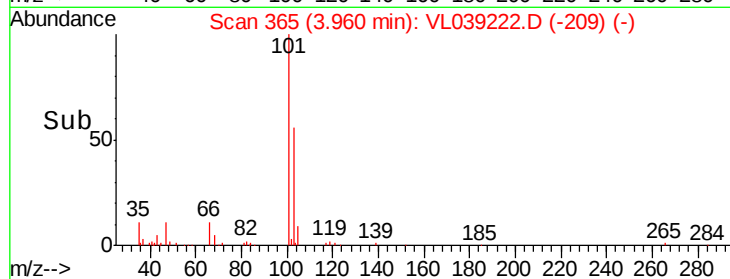
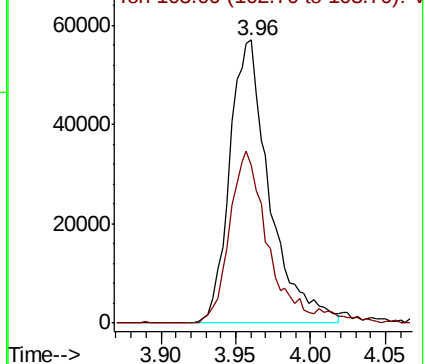
Ion Ratio Lower Upper

101 100

103 55.8 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: 0.899 ppbv

RT: 4.49 min Scan# 530

Delta R.T. -0.00 min

Lab File: VL039222.D

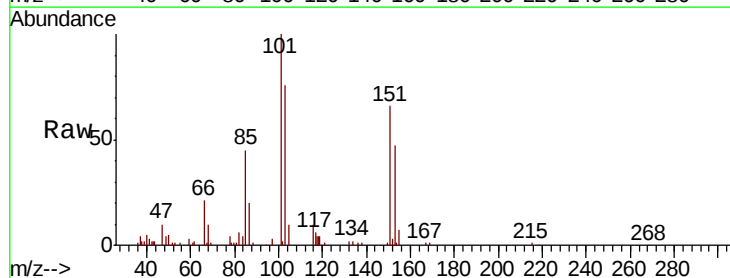
Acq: 7 Jun 2022 23:35

Tgt Ion:101 Resp: 63140

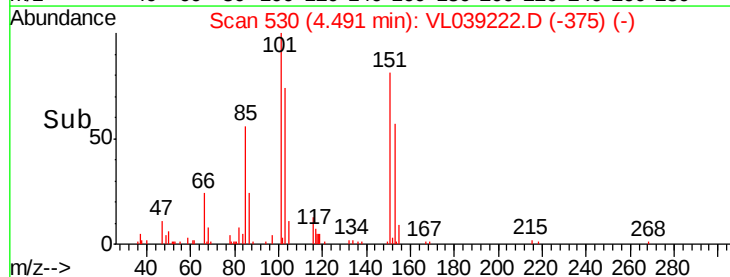
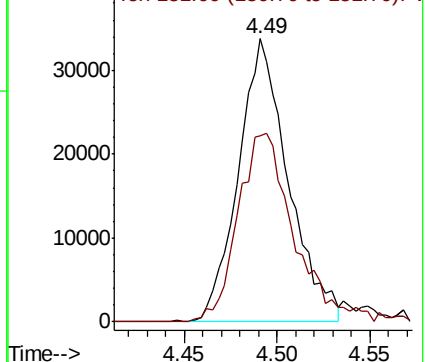
Ion Ratio Lower Upper

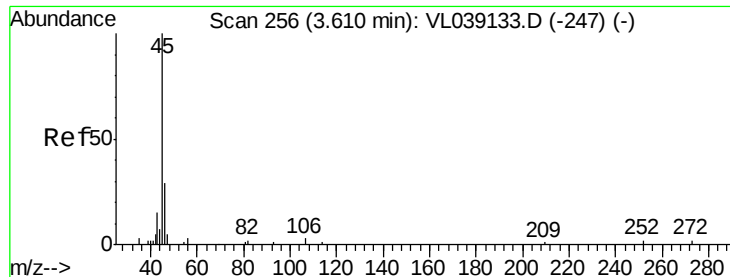
101 100

151 75.6 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: 0.266 ppbv

RT: 3.62 min Scan# 260

Delta R.T. 0.01 min

Lab File: VL039222.D

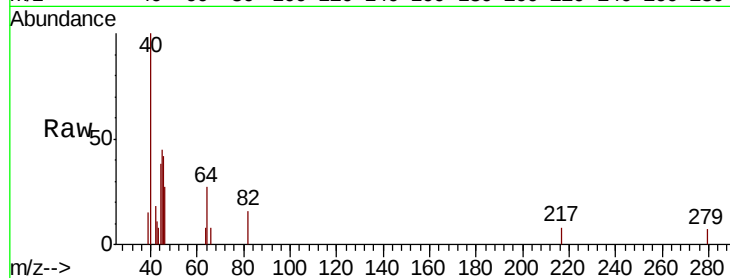
Acq: 7 Jun 2022 23:35

Tot Ion: 45 Resp: 537

Ion Ratio Lower Upper

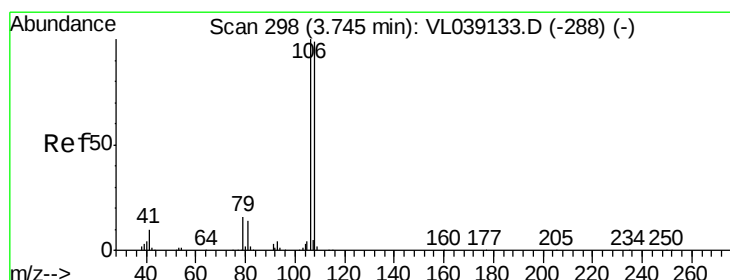
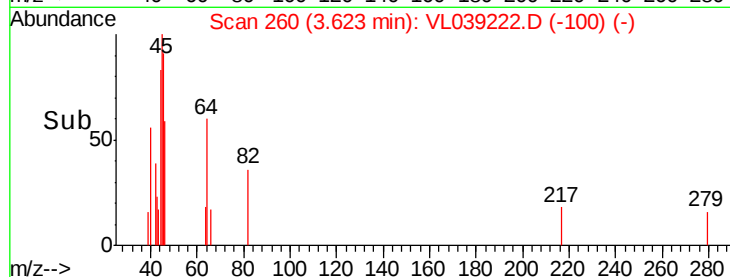
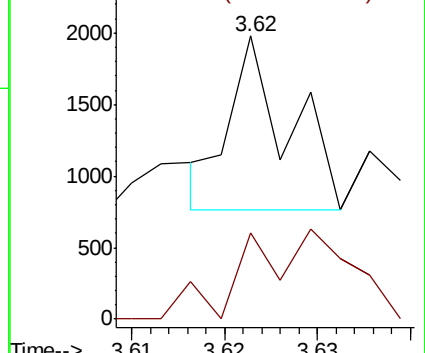
45 100

46 0.0 0.0 0.0



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0



#14

Bromoethene

Concen: 0.284 ppbv

RT: 3.74 min Scan# 297

Delta R.T. -0.00 min

Lab File: VL039222.D

Acq: 7 Jun 2022 23:35

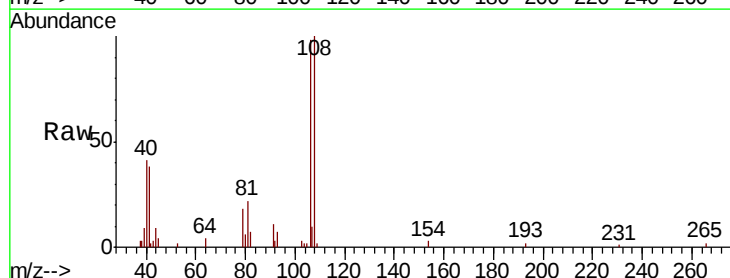
Tgt Ion: 108 Resp: 8981

Ion Ratio Lower Upper

108 100

106 0.0 88.4 132.6#

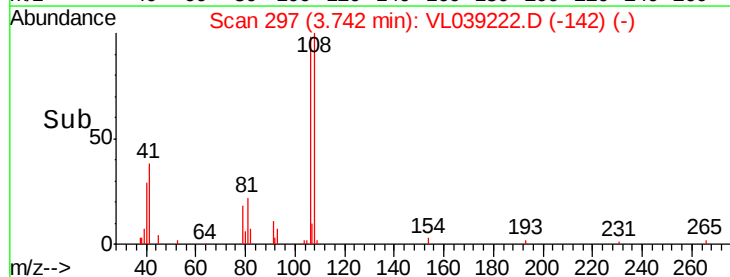
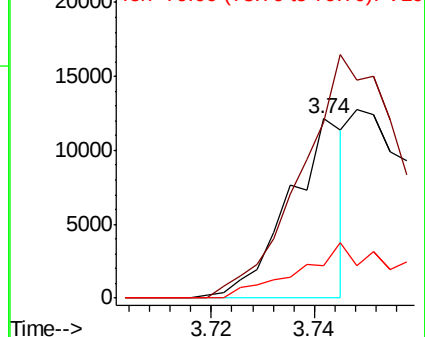
79 0.0 13.4 20.2#

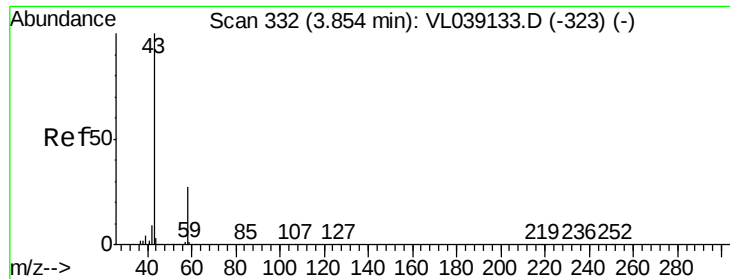


Abundance Ion 108.00 (107.70 to 108.70): V

Ion 106.00 (105.70 to 106.70): V

Ion 79.00 (78.70 to 79.70): VL0





#15

Acetone

Concen: 0.735 ppbv

RT: 3.87 min Scan# 337

Delta R.T. 0.02 min

Lab File: VL039222.D

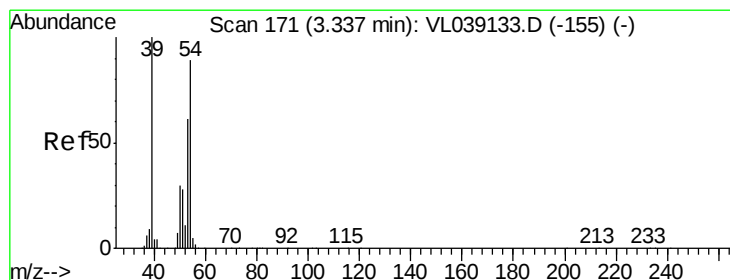
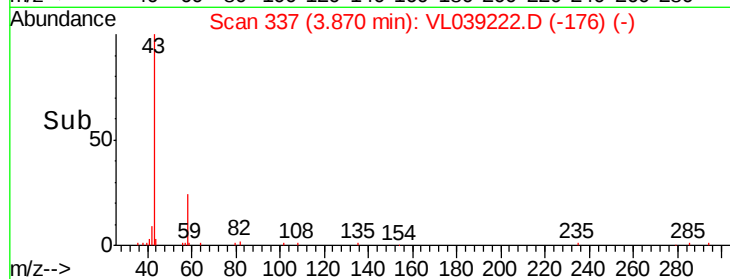
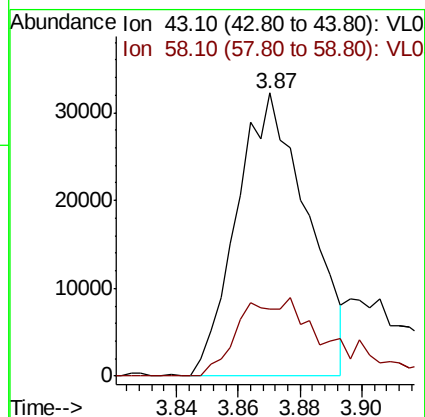
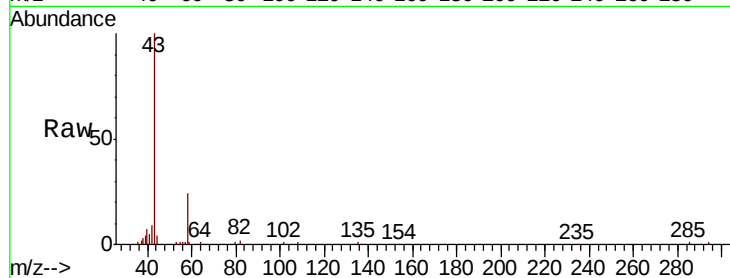
Acq: 7 Jun 2022 23:35

Tot Ion: 43 Resp: 51174

Ion Ratio Lower Upper

43 100

58 39.2 22.5 33.7#



#16

1,3-Butadiene

Concen: 0.693 ppbv

RT: 3.34 min Scan# 171

Delta R.T. 0.00 min

Lab File: VL039222.D

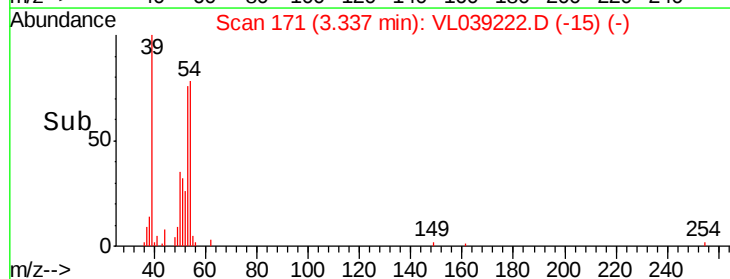
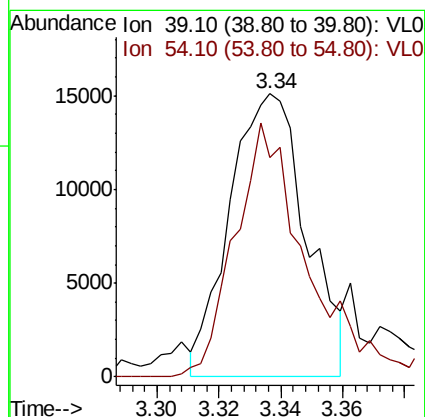
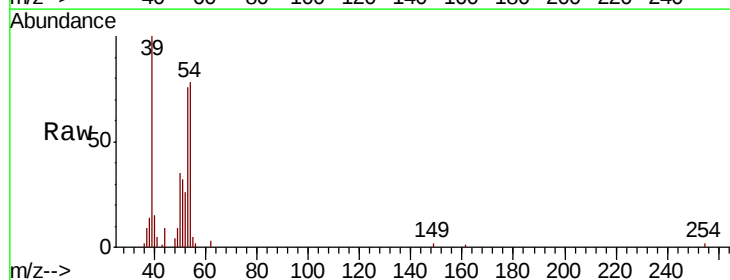
Acq: 7 Jun 2022 23:35

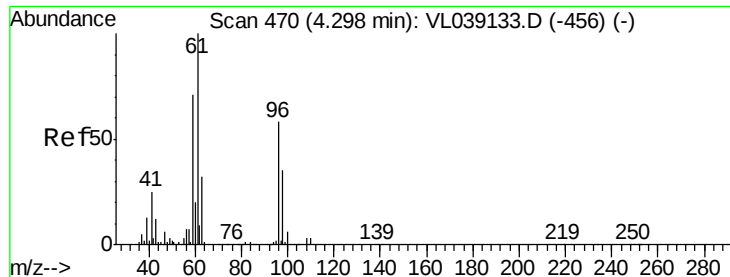
Tgt Ion: 39 Resp: 25926

Ion Ratio Lower Upper

39 100

54 87.9 65.8 98.6





#18

1,1-Dichloroethene

Concen: 0.903 ppbv

RT: 4.29 min Scan# 468

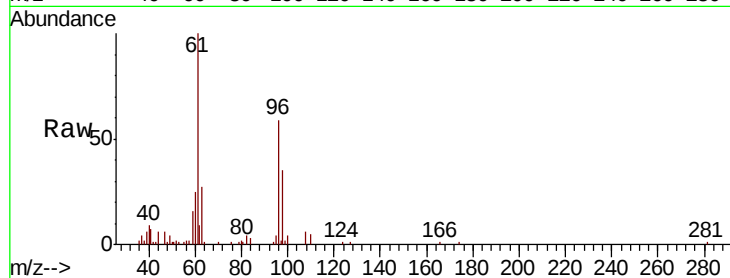
Delta R.T. -0.01 min

Lab File: VL039222.D

Acq: 7 Jun 2022 23:35

Tot Ion: 96 Resp: 28453

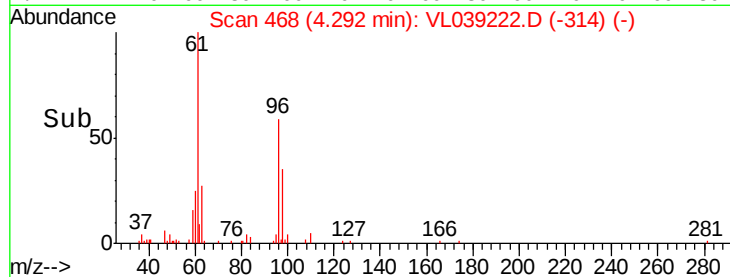
Ion	Ratio	Lower	Upper
96	100		
61	185.4	138.4	207.6
98	59.2	47.8	71.8



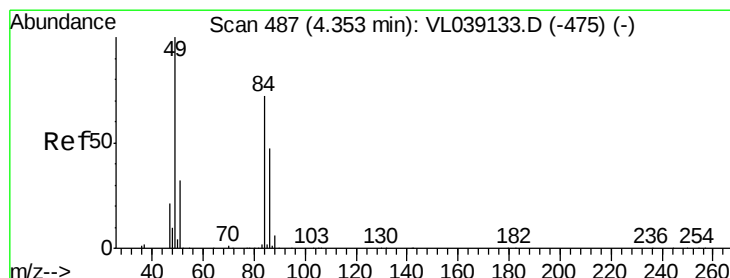
Abundance Ion 96.00 (95.70 to 96.70): VL0

Ion 61.10 (60.80 to 61.80): VL0

Ion 98.00 (97.70 to 98.70): VL0



Time-->



#20

Methylene Chloride

Concen: 0.963 ppbv

RT: 4.35 min Scan# 485

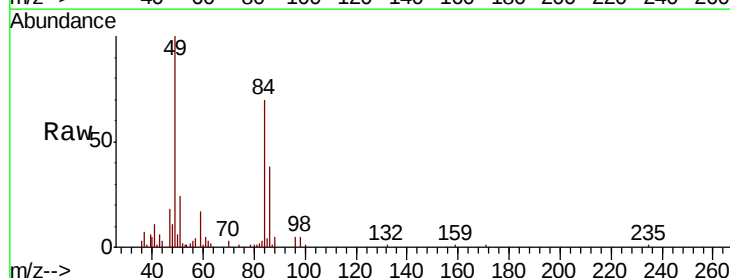
Delta R.T. -0.01 min

Lab File: VL039222.D

Acq: 7 Jun 2022 23:35

Tgt Ion: 84 Resp: 28256

Ion	Ratio	Lower	Upper
84	100		
49	137.4	111.1	166.7
51	29.0	35.3	52.9
86	54.2	51.9	77.9

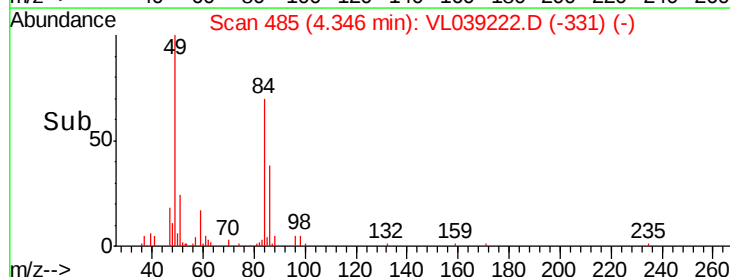


Abundance Ion 84.00 (83.70 to 84.70): VL0

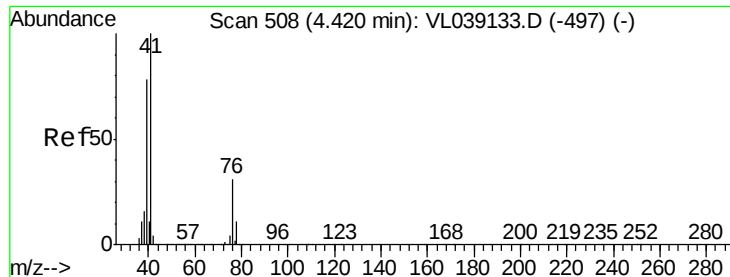
Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0

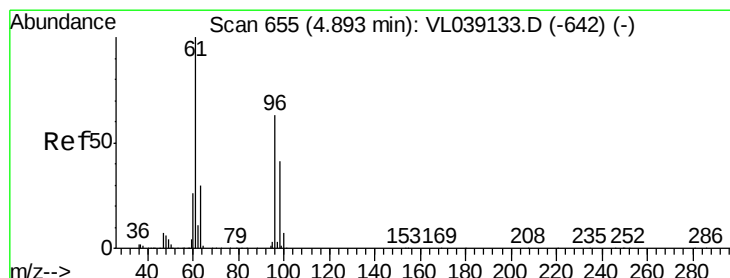
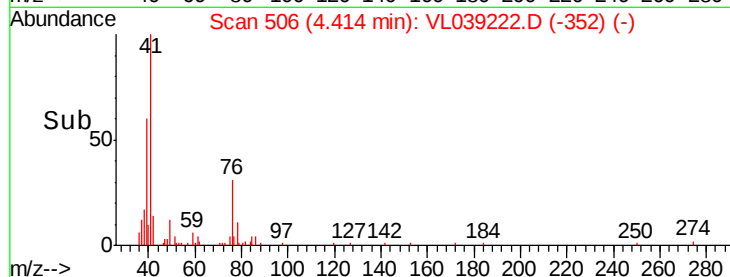
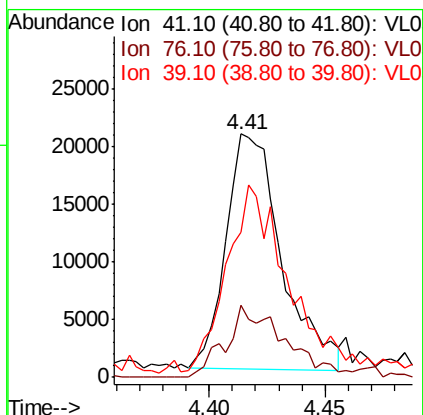
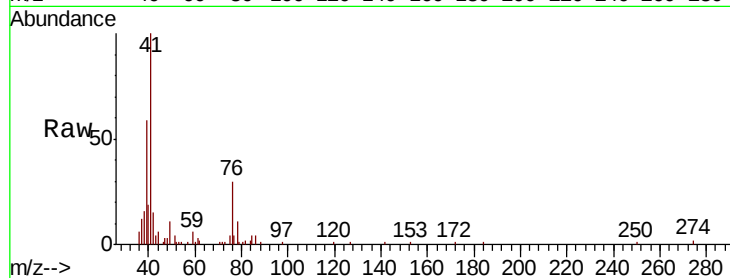


Time-->



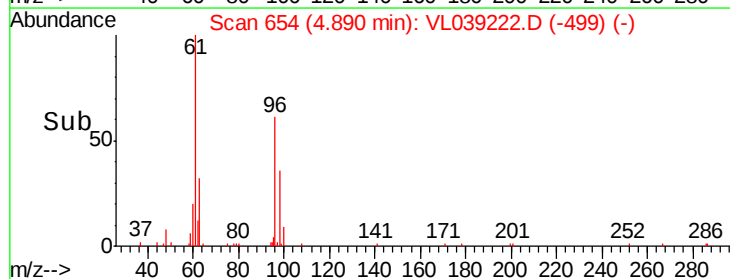
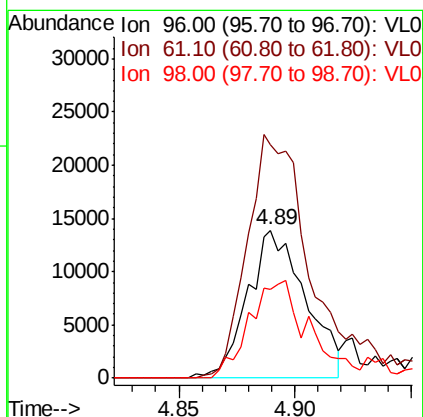
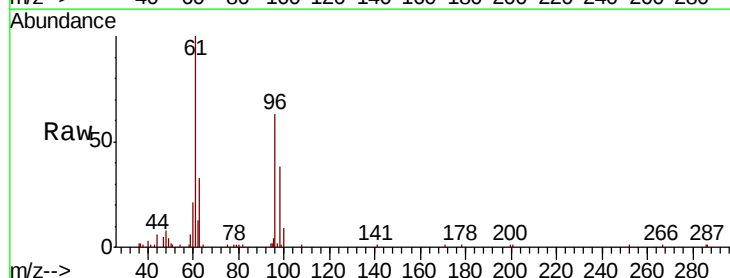
#21
Allvl Chloride
Concen: 0.723 ppbv
RT: 4.41 min Scan# 506
Delta R.T. -0.01 min
Lab File: VL039222.D
Acq: 7 Jun 2022 23:35

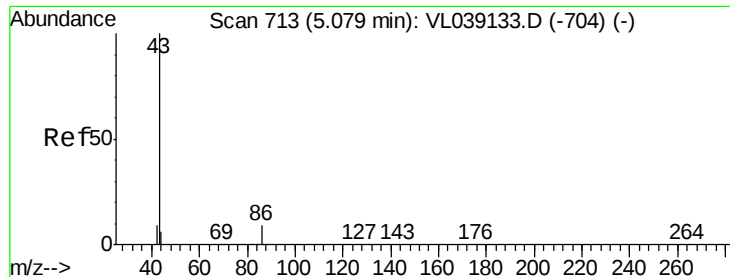
Tot Ion	Ratio	Lower	Upper
41	100		
76	34.3	24.2	36.2
39	96.0	62.2	93.2#



#22
trans-1,2-Dichloroethene
Concen: 0.796 ppbv
RT: 4.89 min Scan# 654
Delta R.T. -0.00 min
Lab File: VL039222.D
Acq: 7 Jun 2022 23:35

Tgt Ion	Ratio	Lower	Upper
96	100		
61	157.9	126.6	190.0
98	59.9	52.5	78.7





#23

Vinyl Acetate

Concen: 0.473 ppbv

RT: 5.08 min Scan# 714

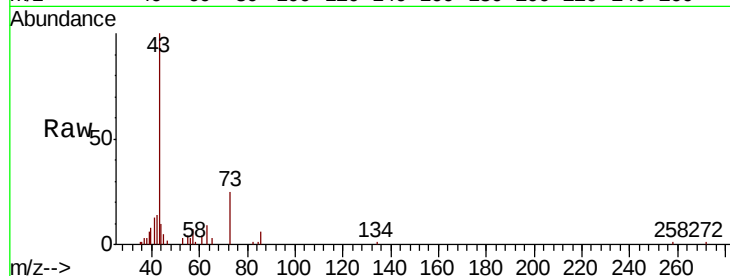
Delta R.T. 0.00 min

Lab File: VL039222.D

Acq: 7 Jun 2022 23:35

Tot Ion: 43 Resp: 27220

Ion	Ratio	Lower	Upper
43	100		
86	10.4	6.0	9.0#
42	11.1	8.2	12.4
44	9.3	4.3	6.5#

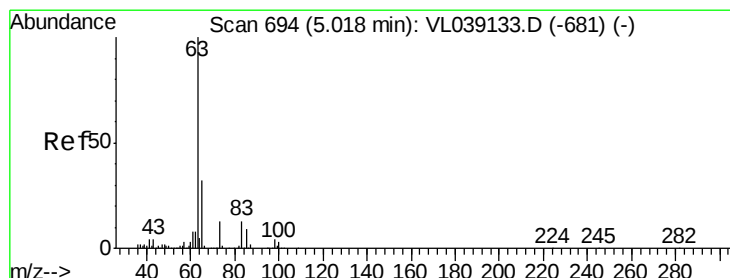
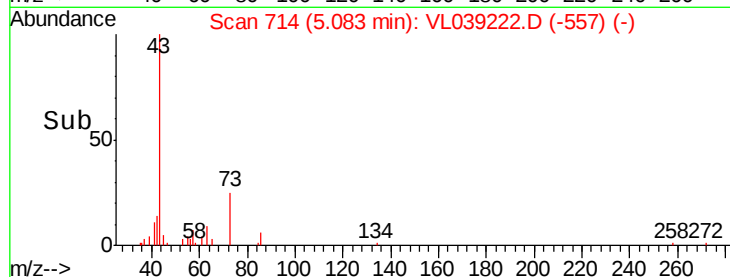
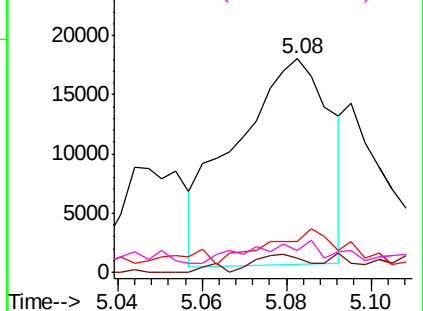


Abundance Ion 43.10 (42.80 to 43.80): VL0

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: 0.804 ppbv

RT: 5.02 min Scan# 694

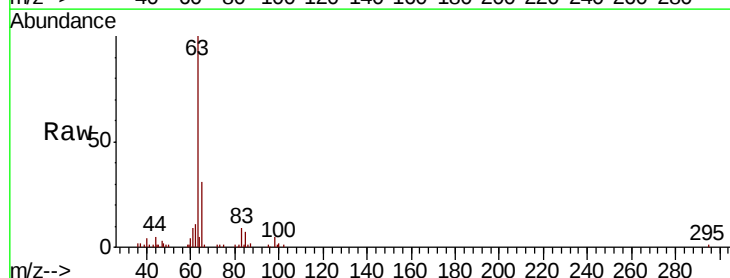
Delta R.T. 0.00 min

Lab File: VL039222.D

Acq: 7 Jun 2022 23:35

Tgt Ion: 63 Resp: 63456

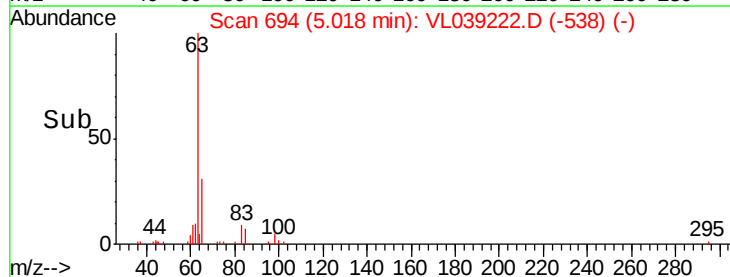
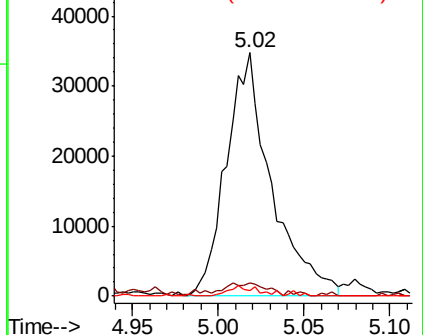
Ion	Ratio	Lower	Upper
63	100		
98	5.5	2.1	6.2
100	2.5	1.5	4.5

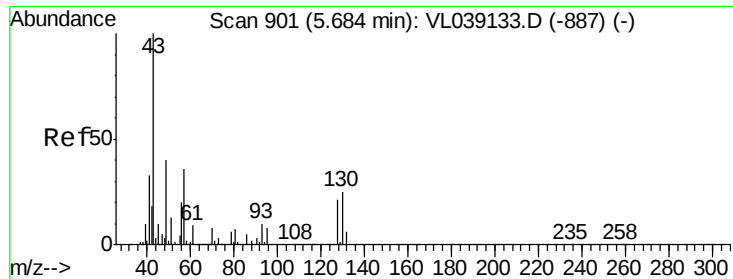


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

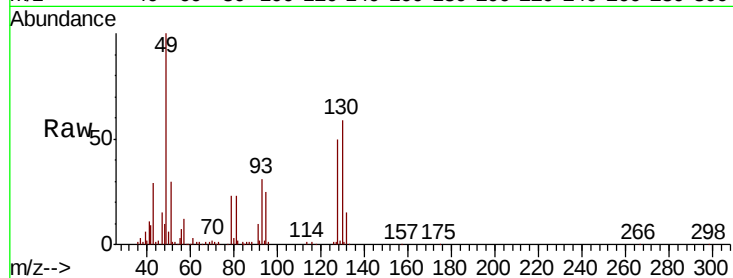
Ion 100.00 (99.70 to 100.70): VL0



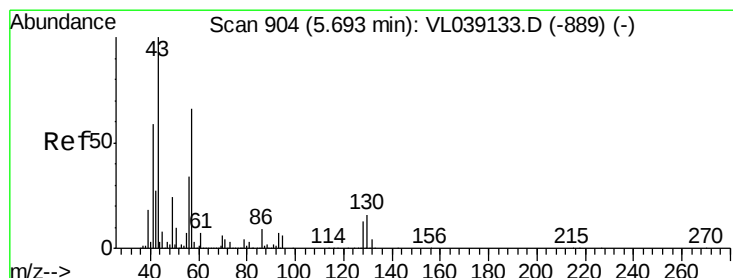
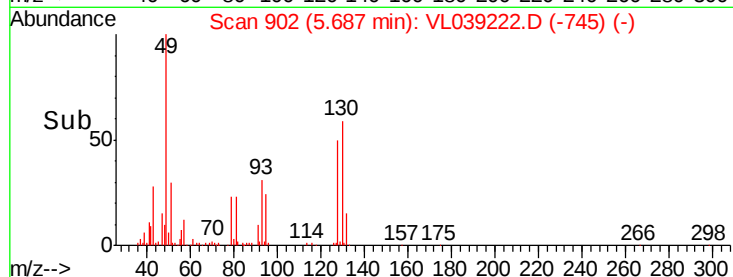
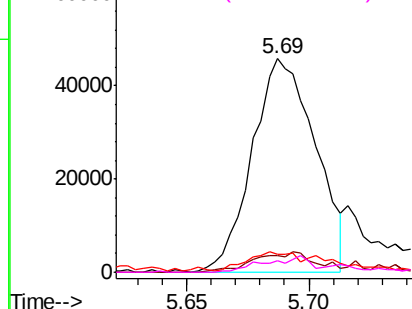


#25
Ethyl Acetate
Concen: 0.526 ppbv
RT: 5.69 min Scan# 902
Delta R.T. 0.00 min
Lab File: VL039222.D
Acq: 7 Jun 2022 23:35

Tot Ion:	43	Resp:	82543
Ion	Ratio	Lower	Upper
43	100		
45	11.5	8.2	12.2
61	14.6	8.4	12.6#
70	7.7	5.6	8.4

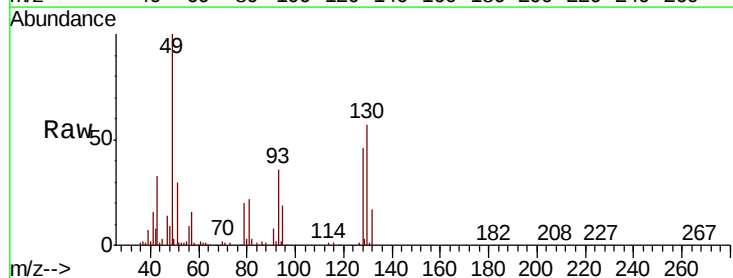


Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 45.10 (44.80 to 45.80): VL0
Ion 61.10 (60.80 to 61.80): VL0
Ion 70.10 (69.80 to 70.80): VL0

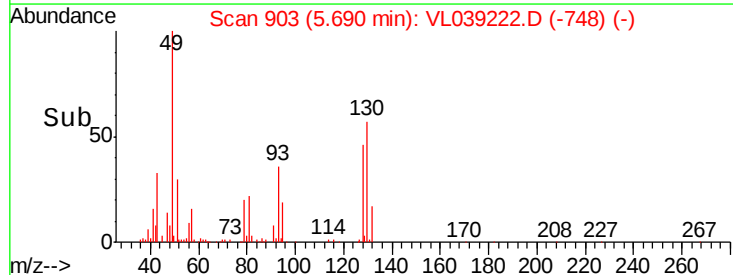
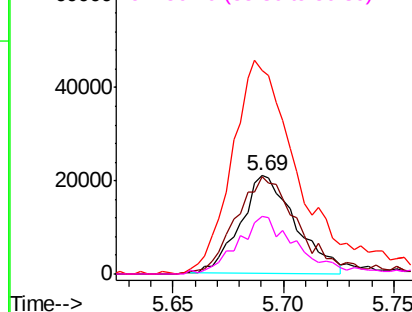


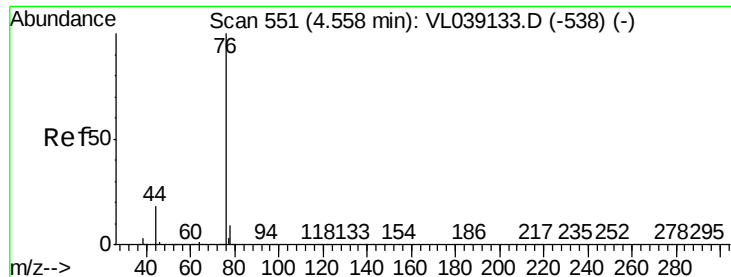
#26
Hexane
Concen: 0.534 ppbv
RT: 5.69 min Scan# 903
Delta R.T. -0.00 min
Lab File: VL039222.D
Acq: 7 Jun 2022 23:35

Tgt Ion:	57	Resp:	36789
Ion	Ratio	Lower	Upper
57	100		
41	120.7	72.4	108.6#
43	288.3	187.0	280.6#
56	65.5	41.8	62.6#



Abundance Ion 57.10 (56.80 to 57.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 43.10 (42.80 to 43.80): VL0
Ion 56.10 (55.80 to 56.80): VL0





#27

Carbon Disulfide

Concen: 0.636 ppbv

RT: 4.56 min Scan# 551

Delta R.T. 0.00 min

Lab File: VL039222.D

Acq: 7 Jun 2022 23:35

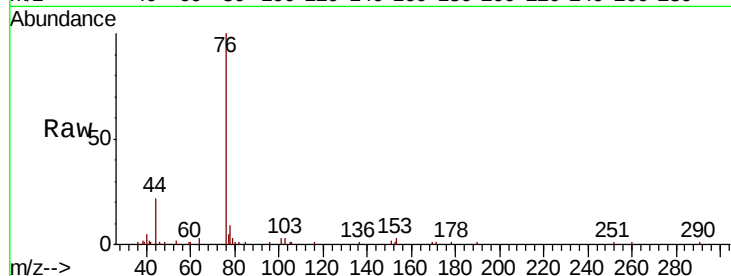
Tot Ion: 76 Resp: 45440

Ion Ratio Lower Upper

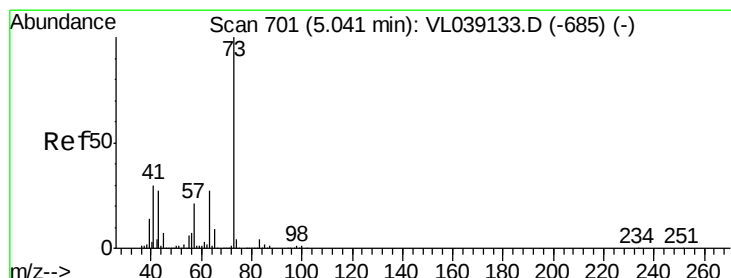
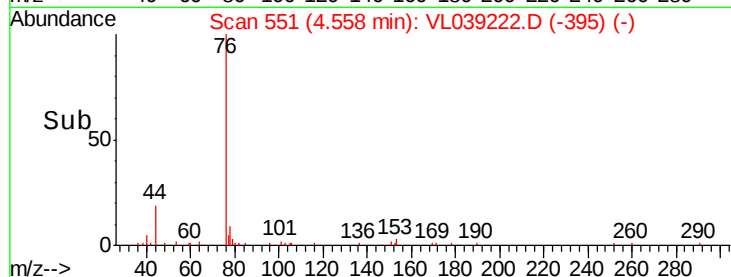
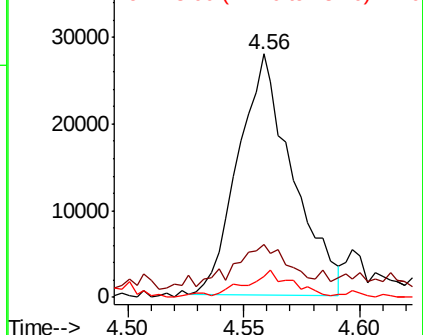
76 100

44 18.0 14.4 21.6

78 11.2 7.7 11.5



Abundance Ion 76.00 (75.70 to 76.70): VL0
Ion 44.10 (43.80 to 44.80): VL0
Ion 78.00 (77.70 to 78.70): VL0



#28

Methyl tert-Butyl Ether

Concen: 0.697 ppbv

RT: 5.05 min Scan# 704

Delta R.T. 0.01 min

Lab File: VL039222.D

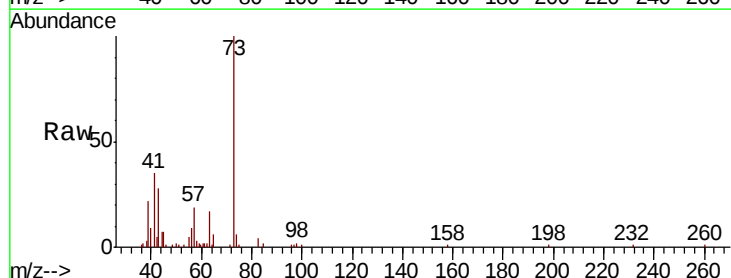
Acq: 7 Jun 2022 23:35

Tgt Ion: 73 Resp: 53042

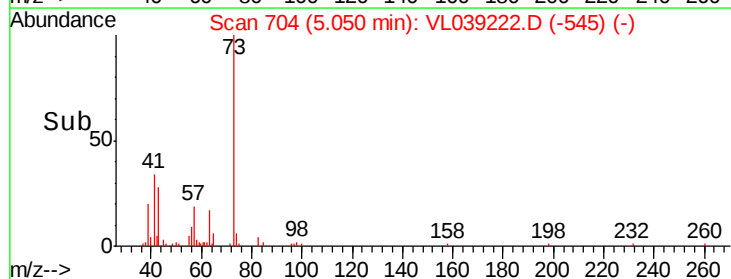
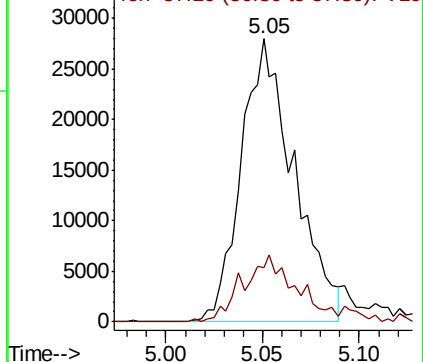
Ion Ratio Lower Upper

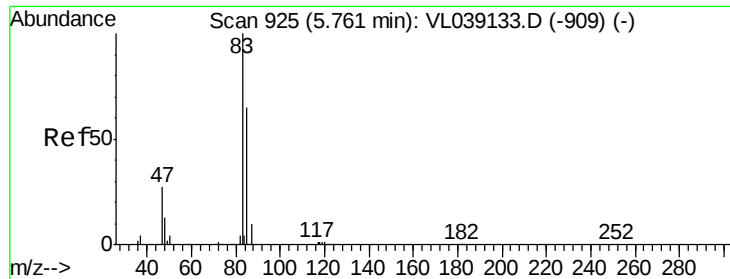
73 100

57 26.3 18.6 27.8



Abundance Ion 73.10 (72.80 to 73.80): VL0
Ion 57.10 (56.80 to 57.80): VL0





#29

Chloroform

Concen: 0.717 ppbv

RT: 5.75 min Scan# 922

Delta R.T. -0.01 min

Lab File: VL039222.D

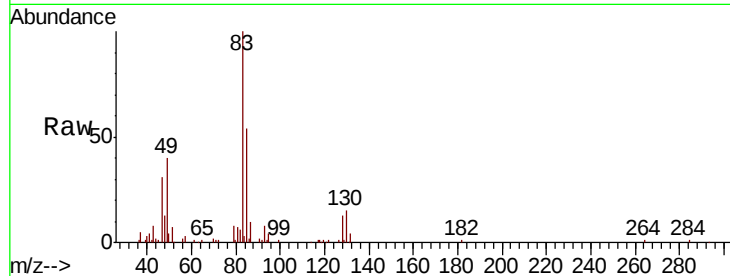
Acq: 7 Jun 2022 23:35

Tot Ion: 83 Resp: 83219

Ion Ratio Lower Upper

83 100

85 54.1 52.4 78.6



Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0

50000

40000

30000

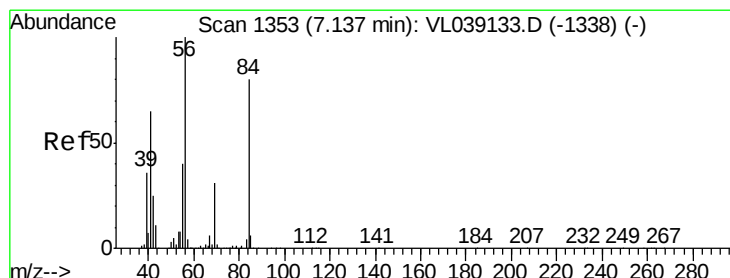
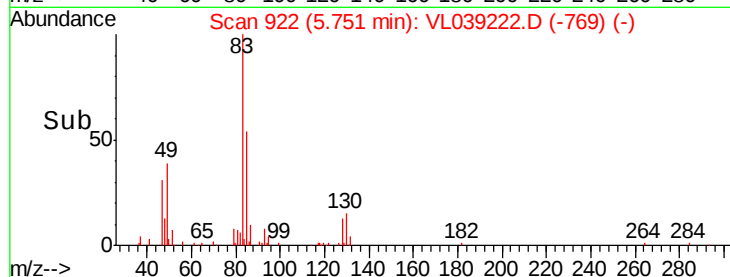
20000

10000

0

5.70 5.75 5.80

Time-->



#30

Cyclohexane

Concen: 0.313 ppbv

RT: 7.13 min Scan# 1352

Delta R.T. -0.00 min

Lab File: VL039222.D

Acq: 7 Jun 2022 23:35

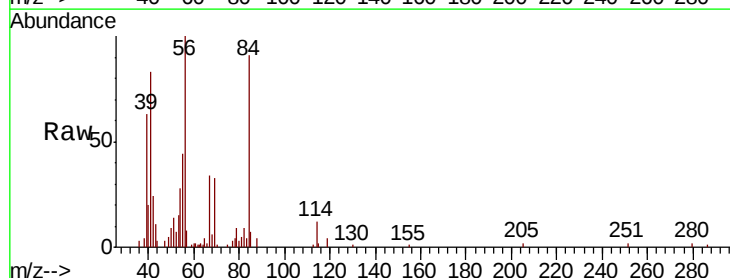
Tgt Ion: 84 Resp: 18116

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

25000

20000

15000

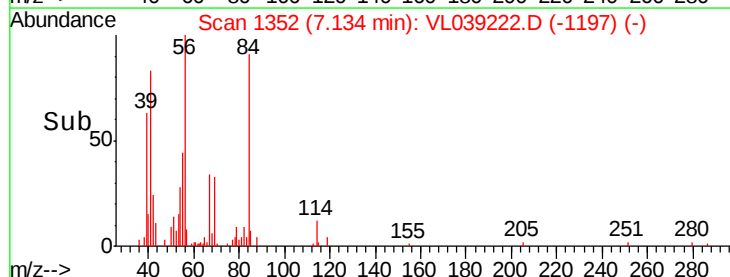
10000

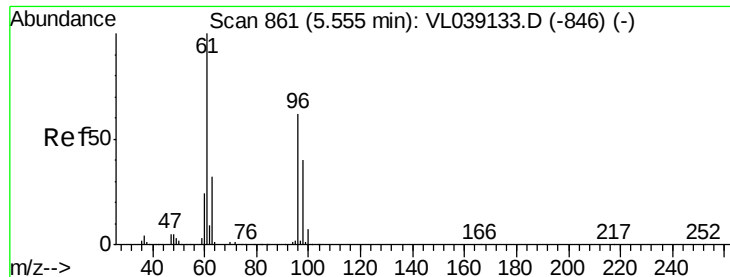
5000

0

7.08 7.10 7.12 7.14

Time-->





#31

cis-1,2-Dichloroethene

Concen: 0.590 ppbv

RT: 5.55 min Scan# 860

Delta R.T. -0.00 min

Lab File: VL039222.D

Acq: 7 Jun 2022 23:35

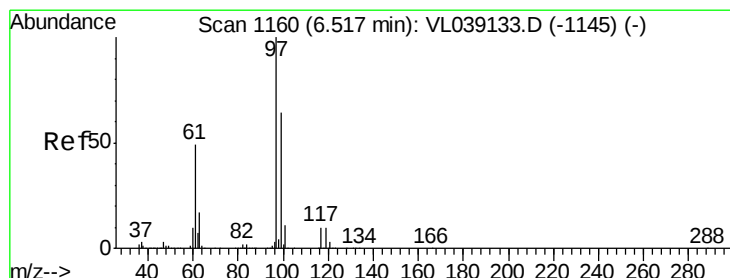
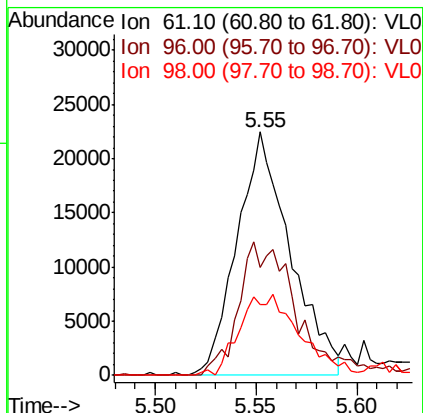
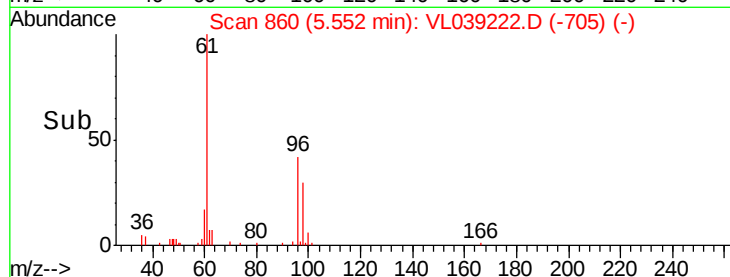
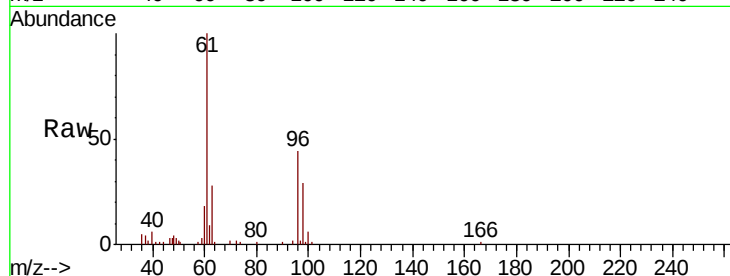
Tot Ion: 61 Resp: 41456

Ion Ratio Lower Upper

61 100

96 44.1 49.9 74.9#

98 28.9 32.0 48.0#



#32

1,1,1-Trichloroethane

Concen: 0.655 ppbv

RT: 6.51 min Scan# 1158

Delta R.T. -0.01 min

Lab File: VL039222.D

Acq: 7 Jun 2022 23:35

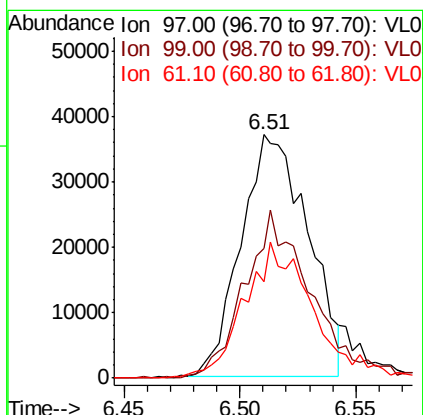
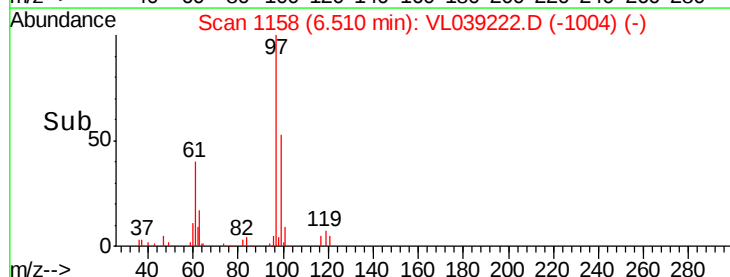
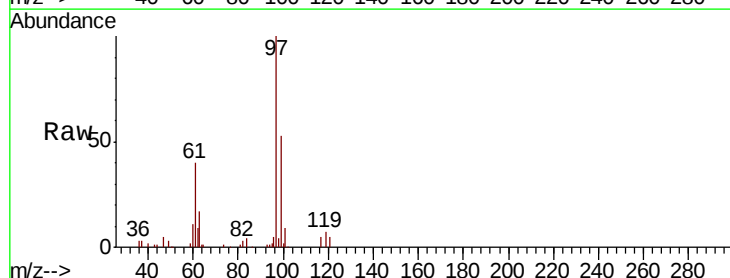
Tgt Ion: 97 Resp: 74404

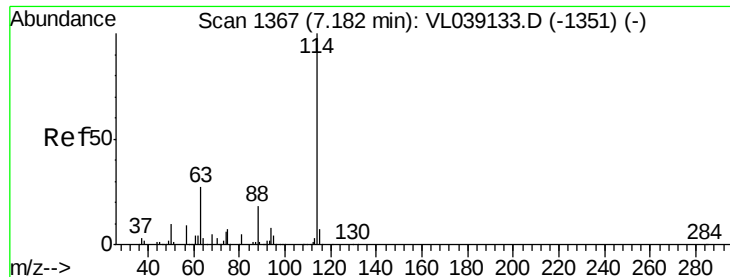
Ion Ratio Lower Upper

97 100

99 69.3 52.1 78.1

61 57.1 40.0 60.0

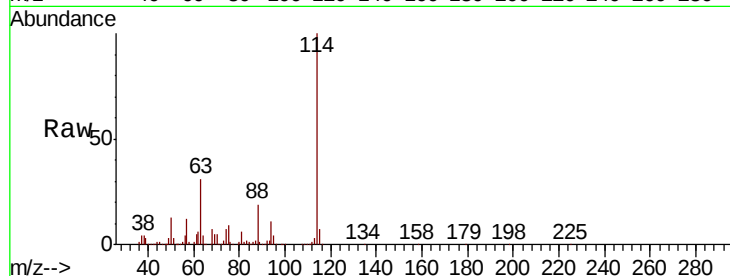




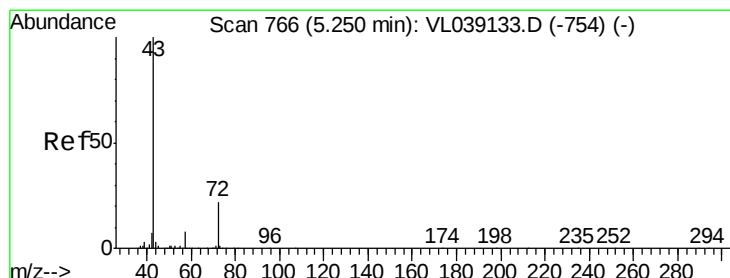
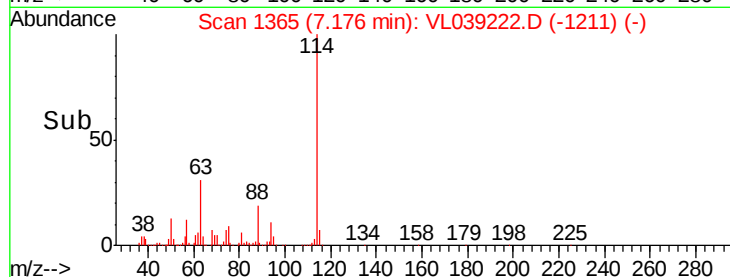
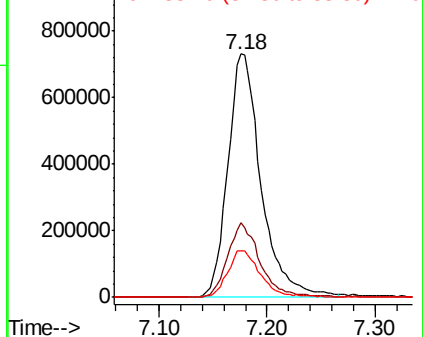
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1365
 Delta R.T. -0.01 min
 Lab File: VL039222.D
 Acq: 7 Jun 2022 23:35

Tot Ion:114 Resp: 1570375

Ion	Ratio	Lower	Upper
114	100		
63	30.5	21.7	32.5
88	19.3	14.8	22.2



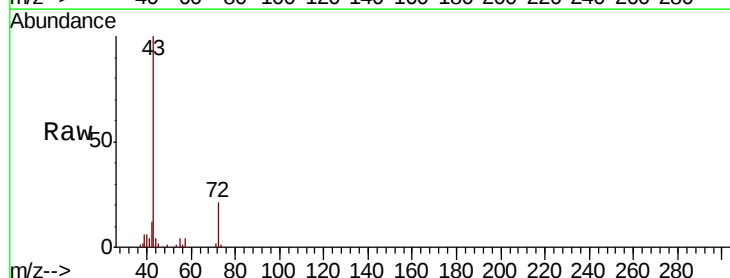
Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0



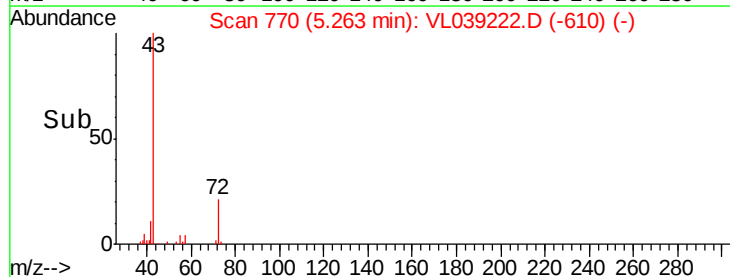
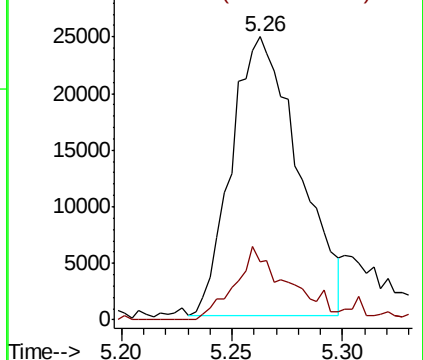
#34
 2-Butanone
 Concen: 0.612 ppbv
 RT: 5.26 min Scan# 770
 Delta R.T. 0.01 min
 Lab File: VL039222.D
 Acq: 7 Jun 2022 23:35

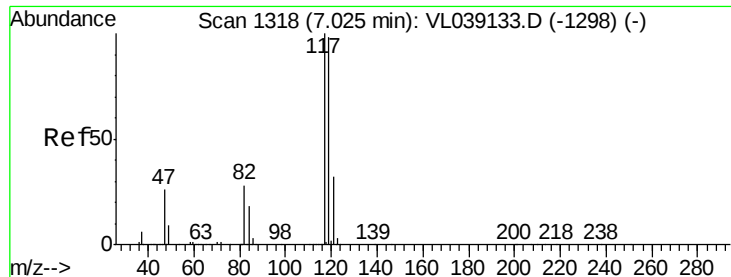
Tgt Ion: 43 Resp: 52189

Ion	Ratio	Lower	Upper
43	100		
72	23.7	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: 0.684 ppbv

RT: 7.02 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VL039222.D

Acq: 7 Jun 2022 23:35

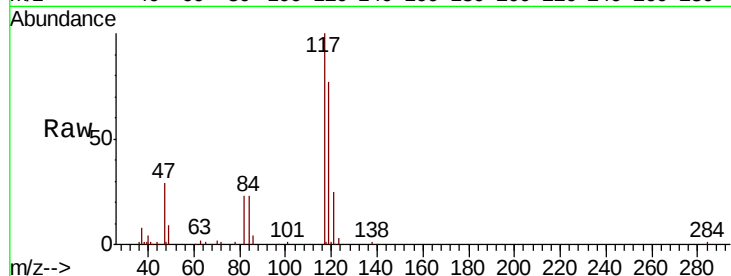
Tot Ion: 117 Resp: 78440

Ion Ratio Lower Upper

117 100

119 75.5 78.6 118.0#

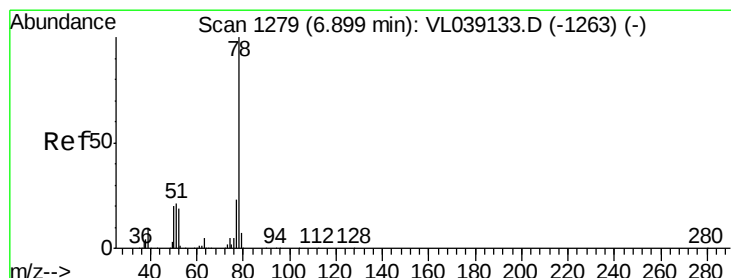
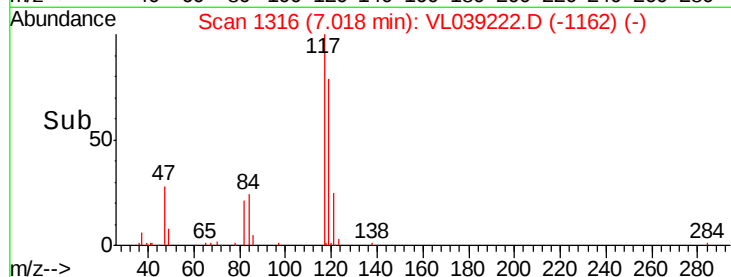
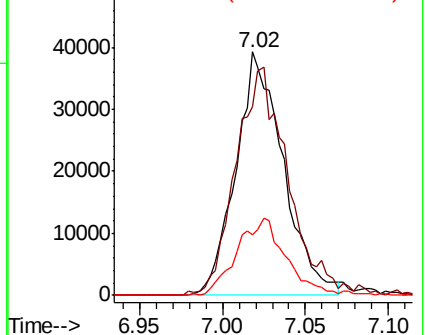
121 24.9 25.4 38.0#



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: 0.580 ppbv

RT: 6.90 min Scan# 1278

Delta R.T. -0.00 min

Lab File: VL039222.D

Acq: 7 Jun 2022 23:35

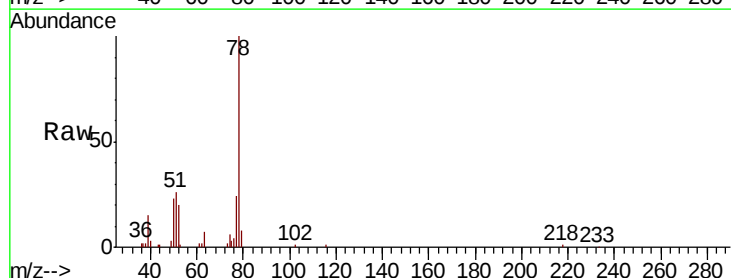
Tgt Ion: 78 Resp: 73958

Ion Ratio Lower Upper

78 100

77 24.4 18.6 27.8

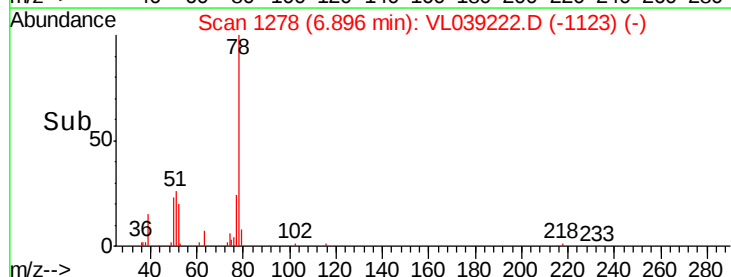
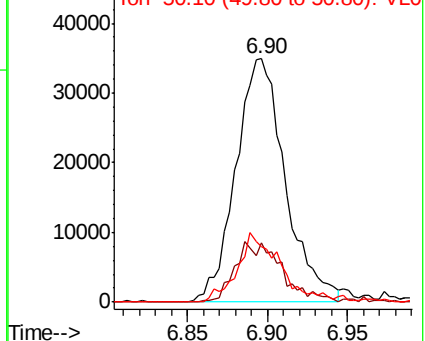
50 22.7 15.8 23.8

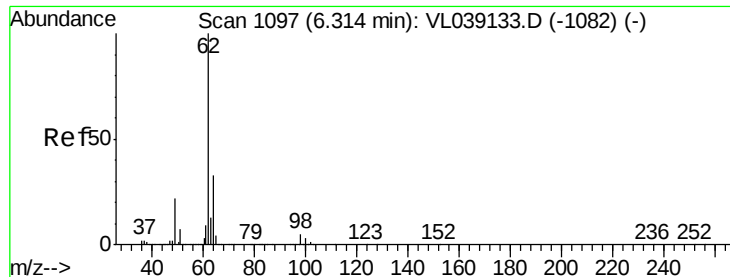


Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

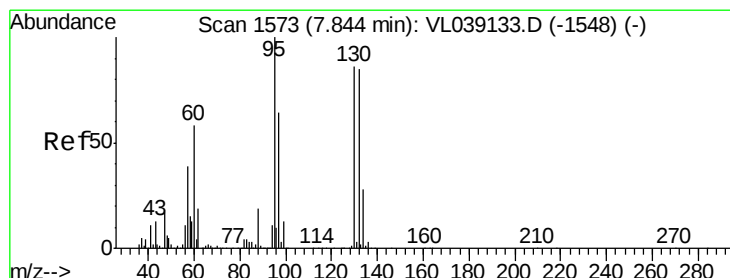
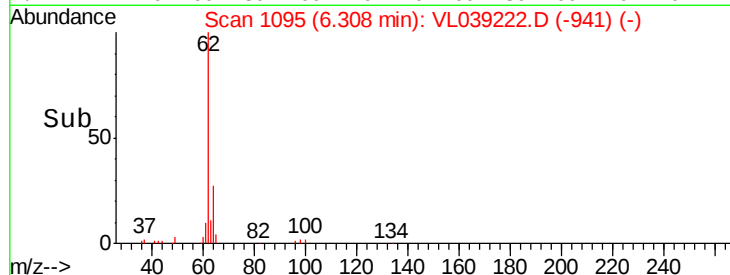
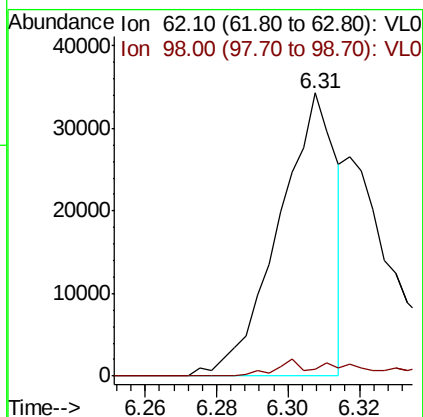
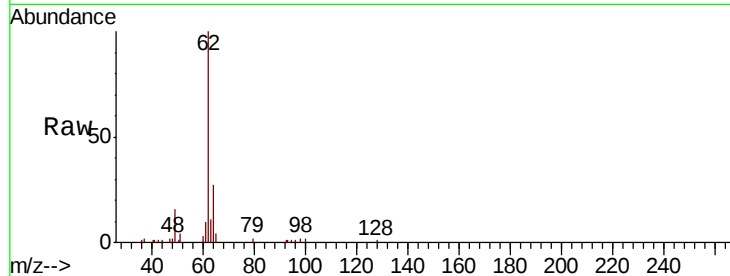
Ion 50.10 (49.80 to 50.80): VL0





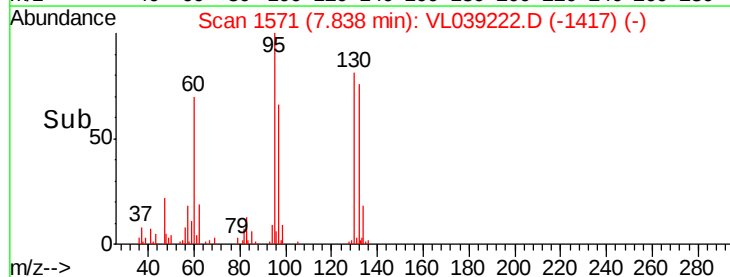
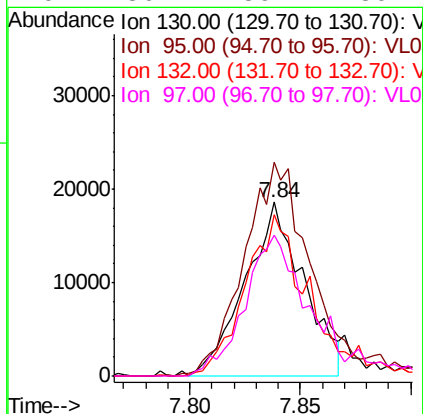
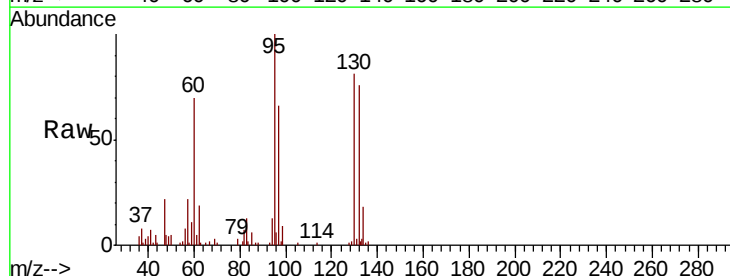
#37
 1,2-Dichloroethane
 Concen: 0.454 ppbv
 RT: 6.31 min Scan# 1095
 Delta R.T. -0.01 min
 Lab File: VL039222.D
 Acq: 7 Jun 2022 23:35

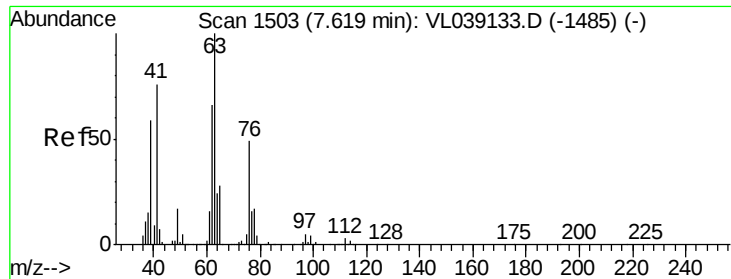
Tot Ion: 62 Resp: 38059
 Ion Ratio Lower Upper
 62 100
 98 8.2 4.3 6.5#



#38
 Trichloroethene
 Concen: 0.581 ppbv
 RT: 7.84 min Scan# 1571
 Delta R.T. -0.01 min
 Lab File: VL039222.D
 Acq: 7 Jun 2022 23:35

Tgt Ion: 130 Resp: 34052
 Ion Ratio Lower Upper
 130 100
 95 121.5 93.3 139.9
 132 94.2 79.0 118.4
 97 80.7 59.4 89.2





#39

1,2-Dichloropropane

Concen: 0.228 ppbv

RT: 7.61 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VL039222.D

Acq: 7 Jun 2022 23:35

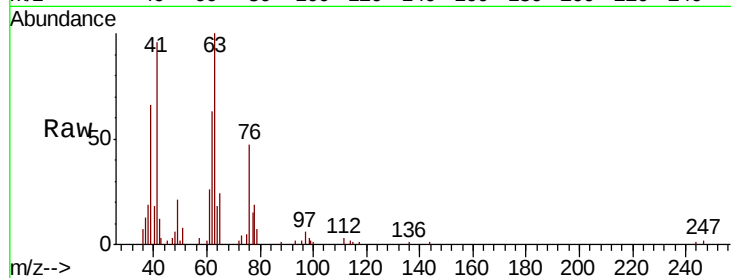
Tot Ion: 63 Resp: 11581

Ion Ratio Lower Upper

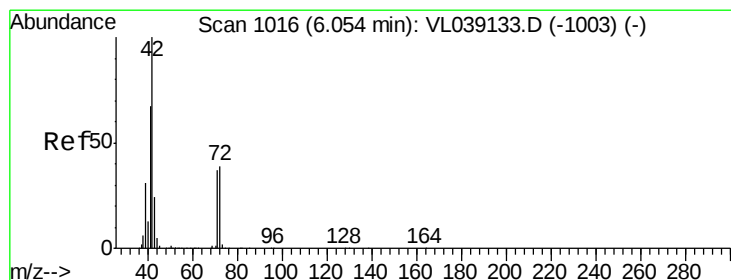
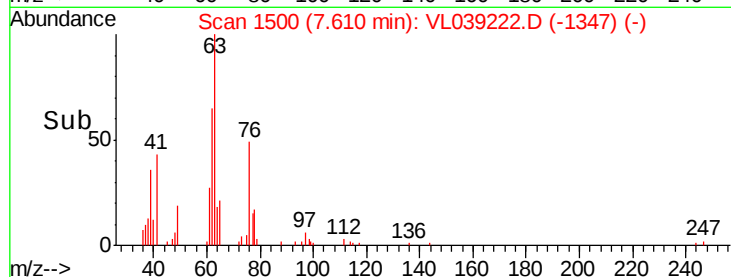
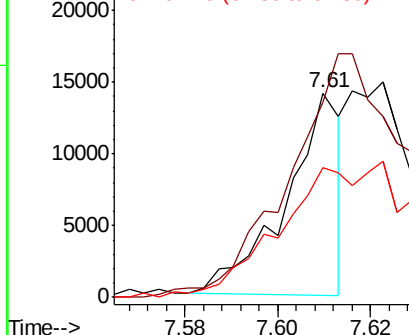
63 100

41 92.7 60.8 91.2#

62 62.4 52.9 79.3



Abundance Ion 63.10 (62.80 to 63.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 62.10 (61.80 to 62.80): VL0



#41

Tetrahydrofuran

Concen: 0.306 ppbv

RT: 6.08 min Scan# 1023

Delta R.T. 0.02 min

Lab File: VL039222.D

Acq: 7 Jun 2022 23:35

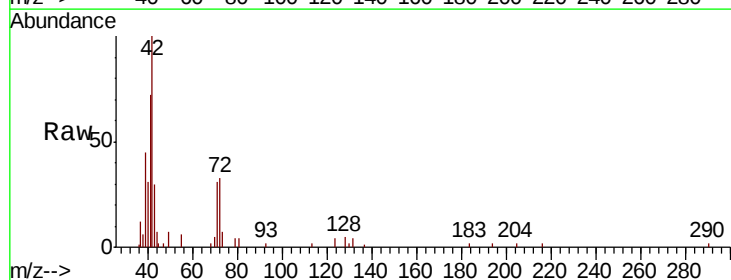
Tgt Ion: 42 Resp: 15699

Ion Ratio Lower Upper

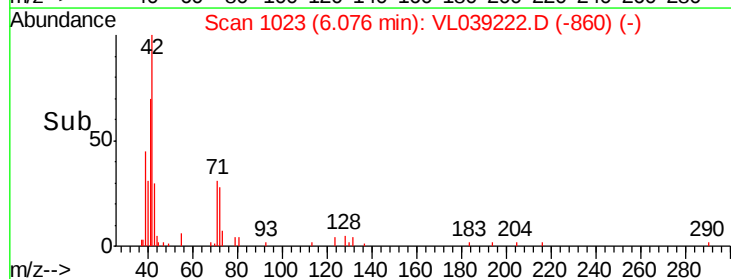
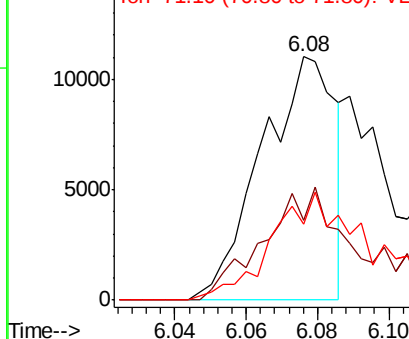
42 100

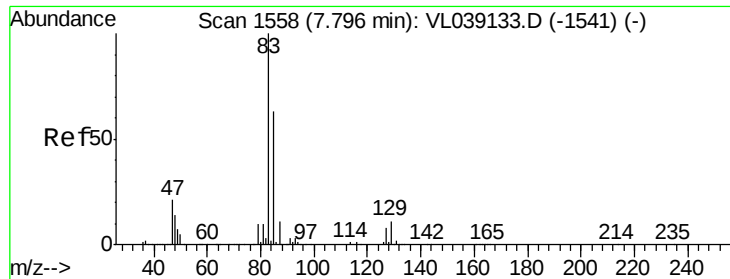
72 71.7 32.0 48.0#

71 68.4 31.1 46.7#



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





#42

Bromodichloromethane

Concen: 0.634 ppbv

RT: 7.79 min Scan# 1557

Delta R.T. -0.00 min

Lab File: VL039222.D

Acq: 7 Jun 2022 23:35

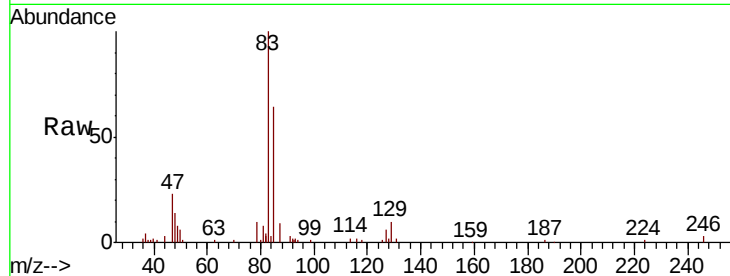
Tot Ion: 83 Resp: 73842

Ion Ratio Lower Upper

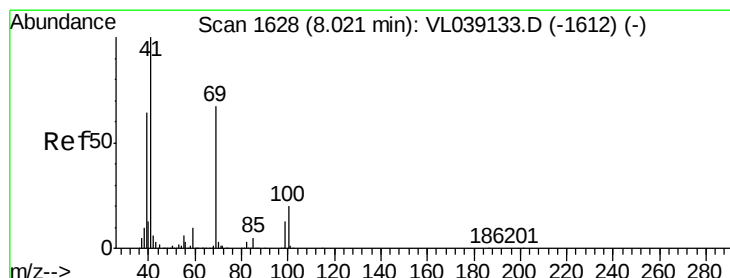
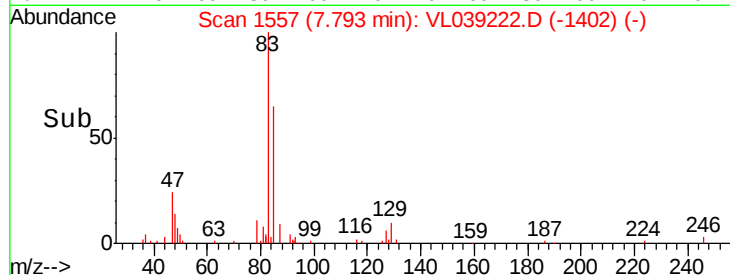
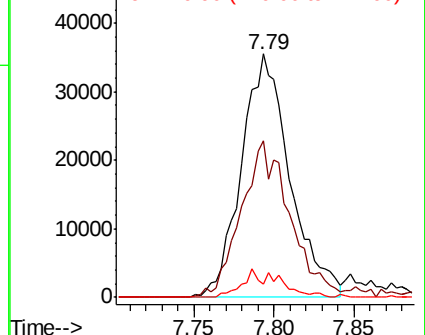
83 100

85 64.2 50.2 75.4

127 5.7 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): V



#43

Methyl Methacrylate

Concen: 0.145 ppbv

RT: 8.01 min Scan# 1625

Delta R.T. -0.01 min

Lab File: VL039222.D

Acq: 7 Jun 2022 23:35

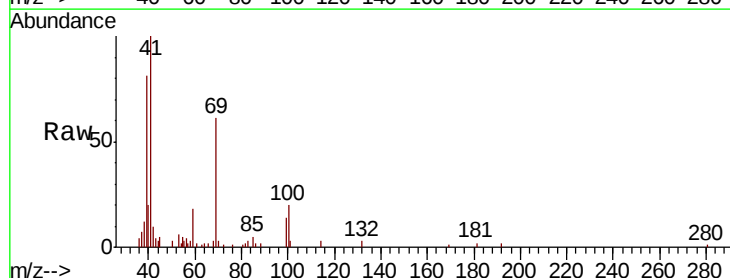
Tgt Ion: 69 Resp: 7211

Ion Ratio Lower Upper

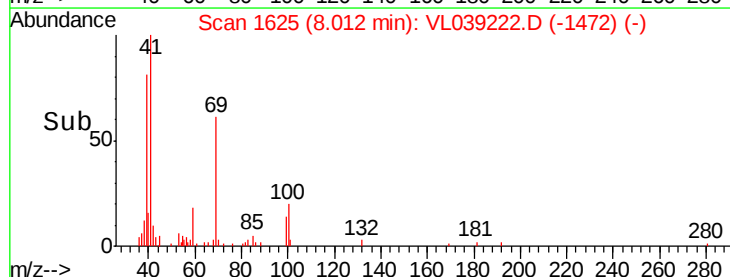
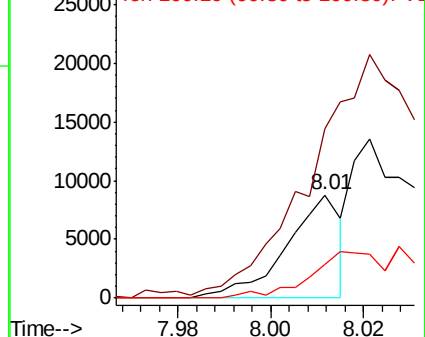
69 100

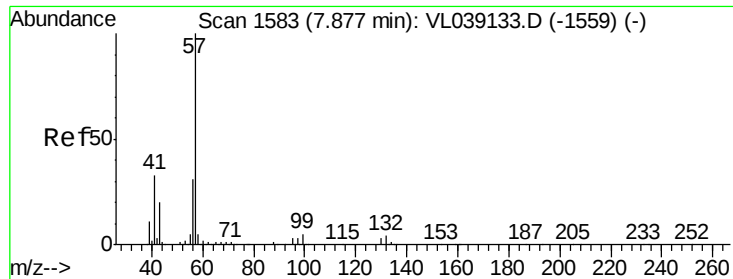
41 0.0 121.9 182.9#

100 0.0 24.1 36.1#



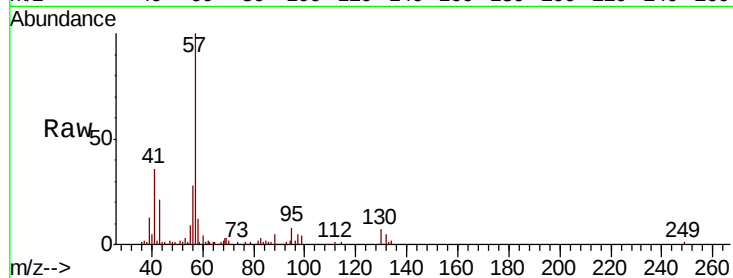
Abundance Ion 69.10 (68.80 to 69.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 100.10 (99.80 to 100.80): VL



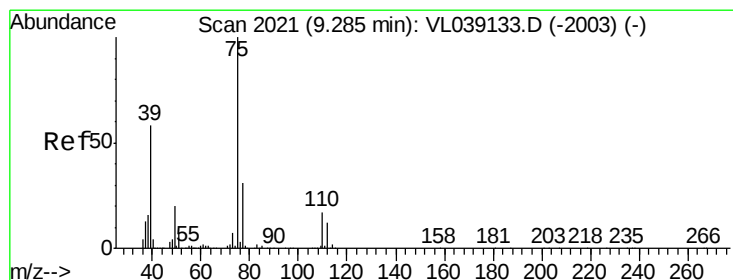
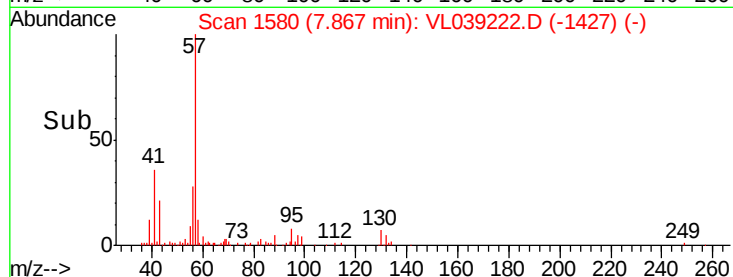
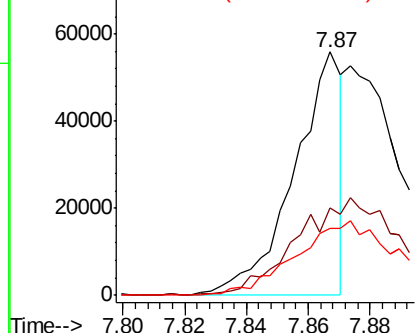


#44
2,2,4-Trimethylpentane
Concen: 0.268 ppbv
RT: 7.87 min Scan# 1580
Delta R.T. -0.01 min
Lab File: VL039222.D
Acq: 7 Jun 2022 23:35

Tot Ion	57	Resp	59756
Ion Ratio	100		
Lower	26.2		
Upper	39.4		
56	0.0	24.7	37.1

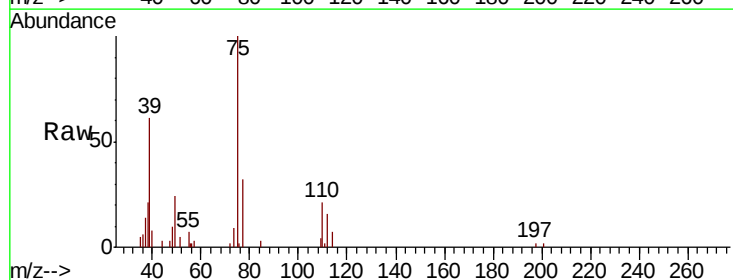


Abundance Ion 57.10 (56.80 to 57.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 56.10 (55.80 to 56.80): VL0

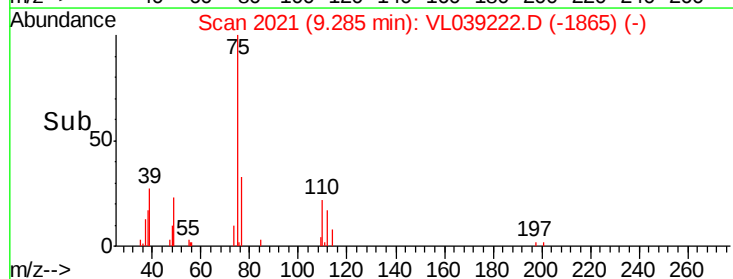
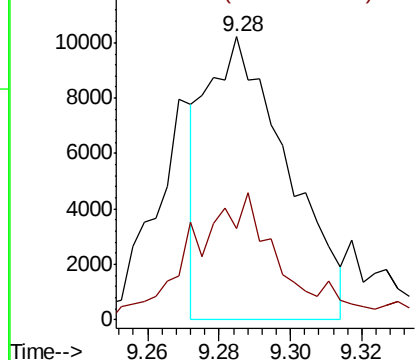


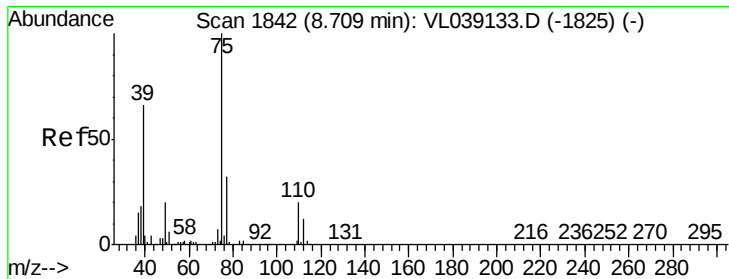
#45
t-1,3-Dichloropropene
Concen: 0.312 ppbv
RT: 9.28 min Scan# 2021
Delta R.T. 0.00 min
Lab File: VL039222.D
Acq: 7 Jun 2022 23:35

Tgt Ion	75	Resp	16122
Ion Ratio	100		
Lower	24.4		
Upper	36.6		
77	31.8		



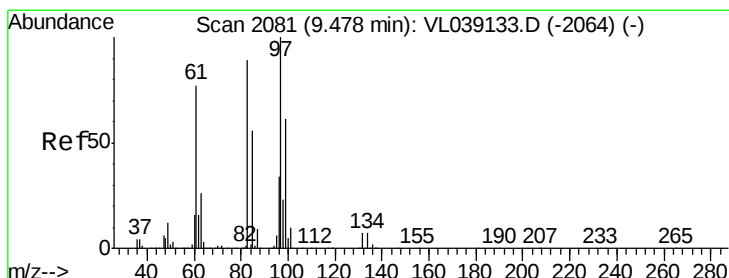
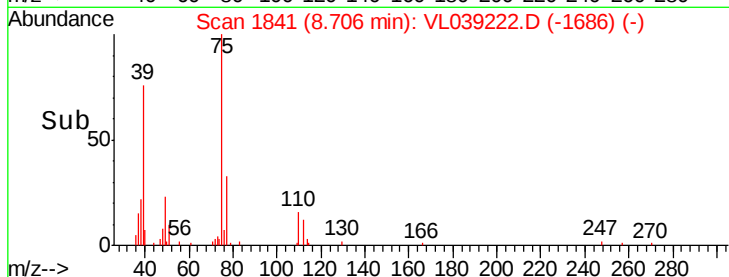
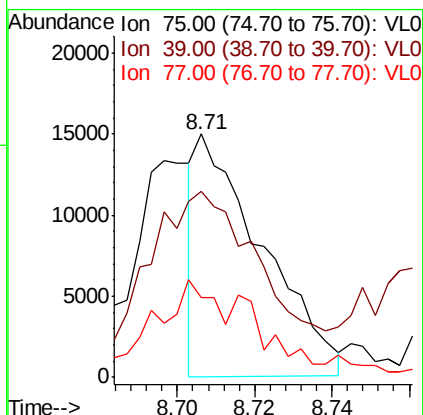
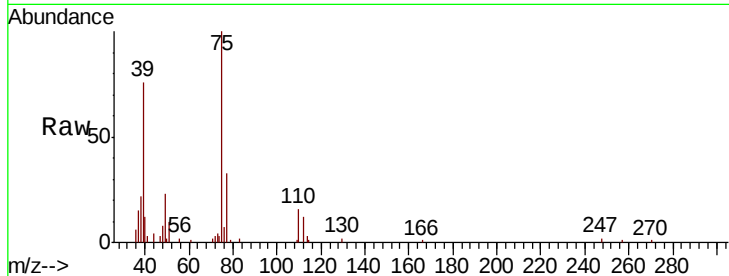
Abundance Ion 75.10 (74.80 to 75.80): VL0
Ion 77.10 (76.80 to 77.80): VL0





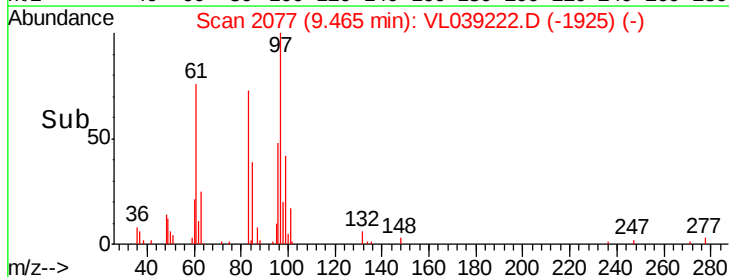
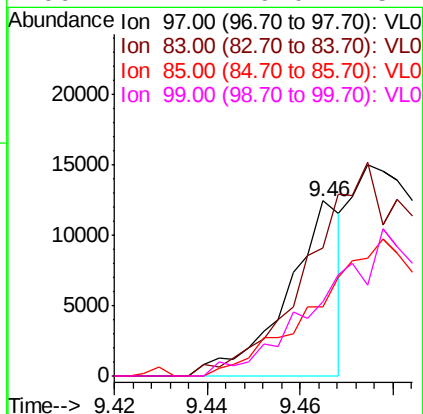
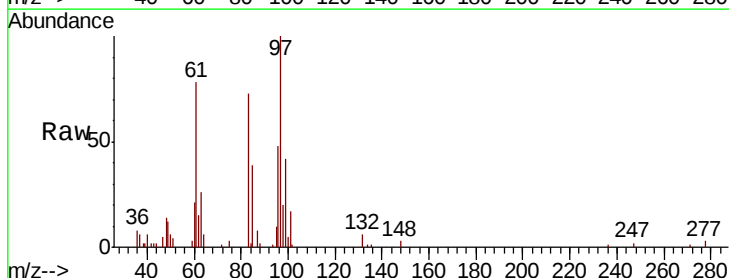
#46
 cis-1,3-Dichloropropene
 Concen: 0.259 ppbv
 RT: 8.71 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VL039222.D
 Acq: 7 Jun 2022 23:35

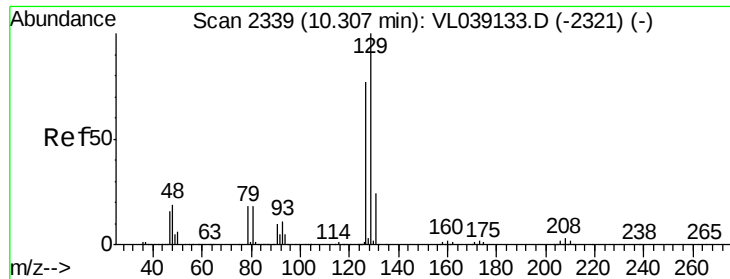
Tot Ion:	75	Resp:	17687
Ion	Ratio	Lower	Upper
75	100		
39	62.2	52.4	78.6
77	26.6	25.5	38.3



#47
 1,1,2-Trichloroethane
 Concen: 0.191 ppbv
 RT: 9.46 min Scan# 2077
 Delta R.T. -0.01 min
 Lab File: VL039222.D
 Acq: 7 Jun 2022 23:35

Tgt Ion:	97	Resp:	10093
Ion	Ratio	Lower	Upper
97	100		
83	73.2	71.6	107.4
85	39.1	44.8	67.2#
99	42.4	49.0	73.4#





#48

Dibromochloromethane

Concen: 0.201 ppbv

RT: 10.30 min Scan# 2336

Delta R.T. -0.01 min

Lab File: VL039222.D

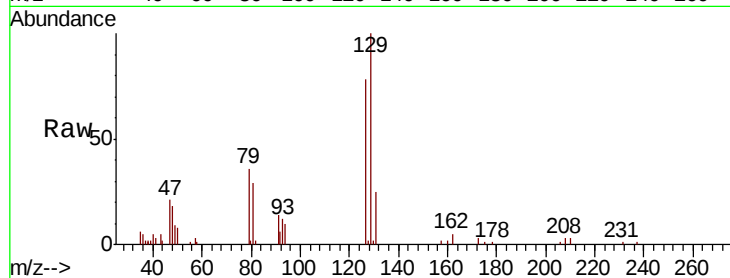
Acq: 7 Jun 2022 23:35

Tot Ion:129 Resp: 18950

Ion Ratio Lower Upper

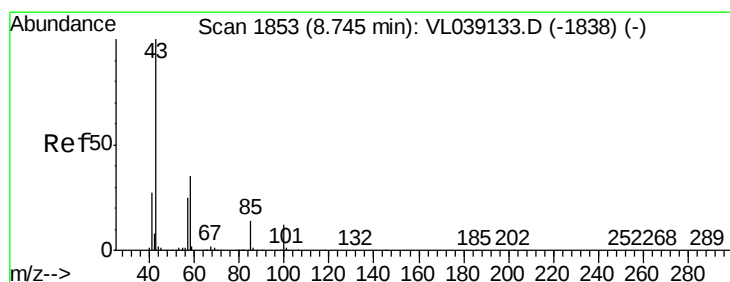
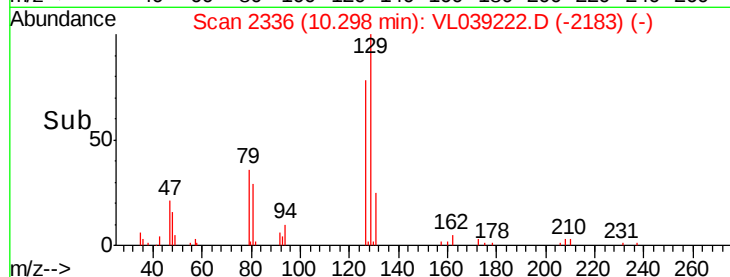
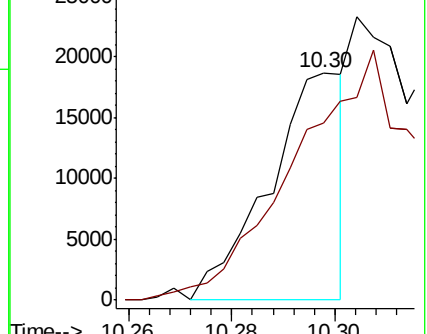
129 100

127 0.0 40.0 119.9#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#50

4-Methyl-2-Pentanone

Concen: 0.465 ppbv

RT: 8.76 min Scan# 1858

Delta R.T. 0.02 min

Lab File: VL039222.D

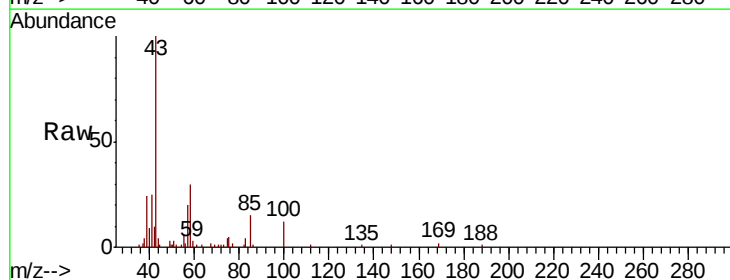
Acq: 7 Jun 2022 23:35

Tgt Ion: 43 Resp: 59407

Ion Ratio Lower Upper

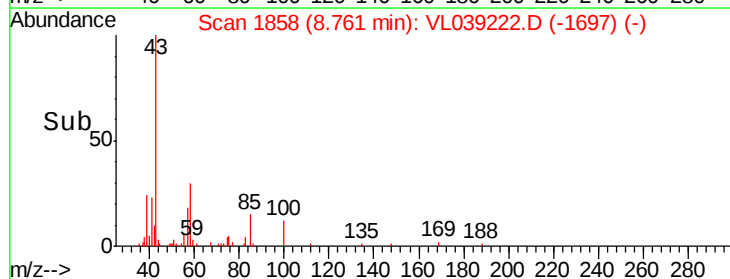
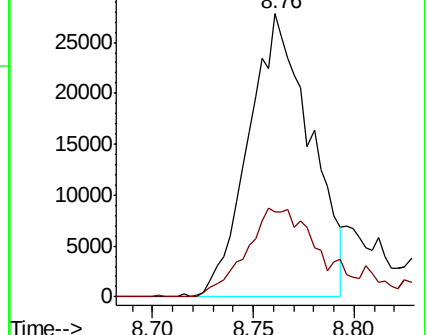
43 100

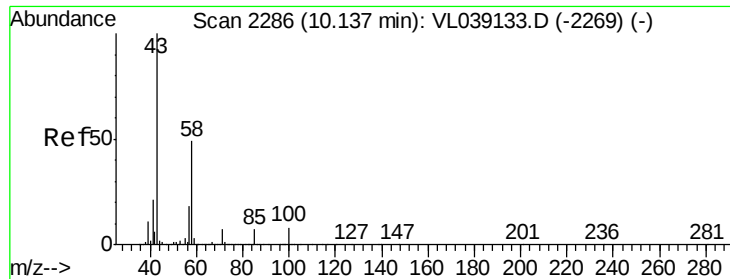
58 42.9 28.7 43.1



Abundance Ion 43.10 (42.80 to 43.80): VL0

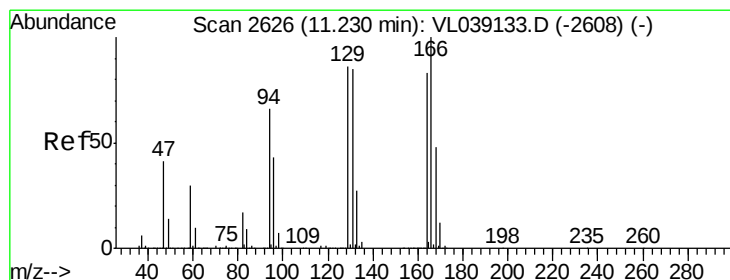
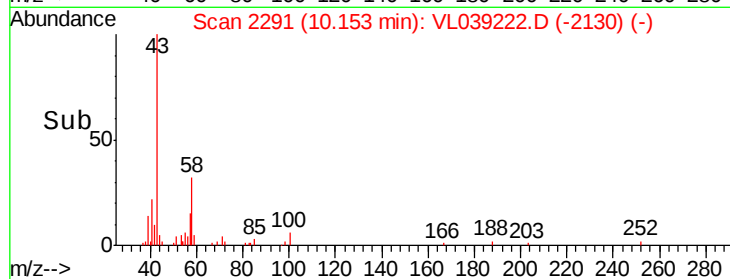
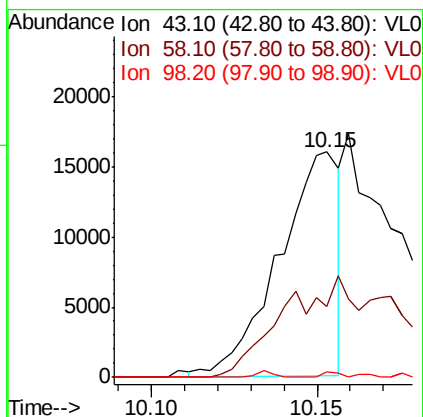
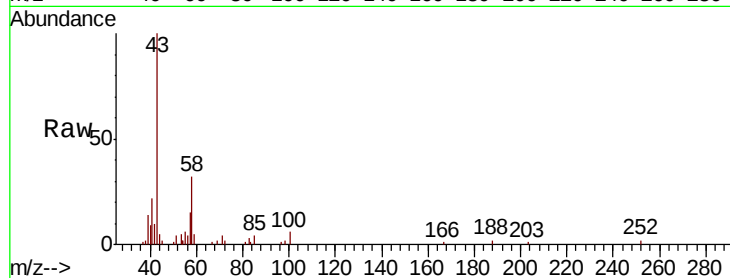
Ion 58.10 (57.80 to 58.80): VL0





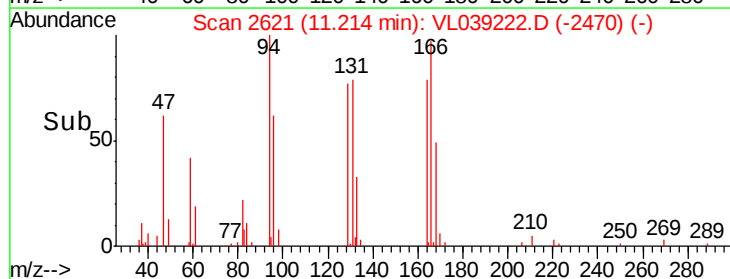
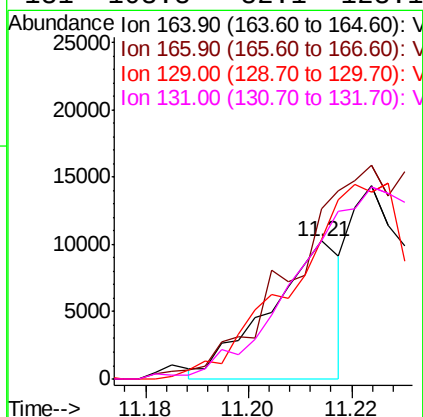
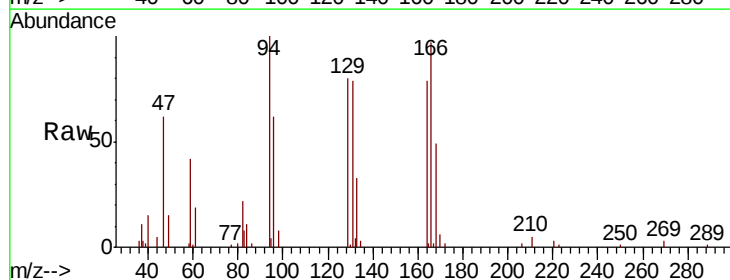
#51
2-Hexanone
Concen: 0.203 ppbv
RT: 10.15 min Scan# 2291
Delta R.T. 0.02 min
Lab File: VL039222.D
Acq: 7 Jun 2022 23:35

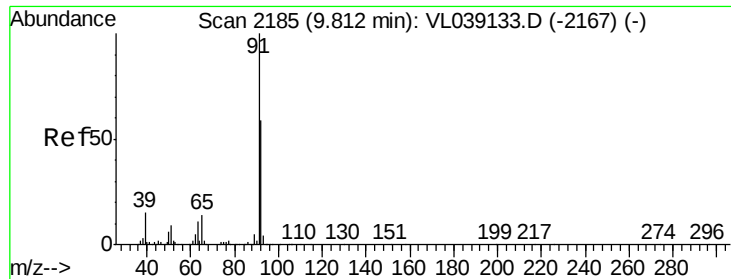
Tot Ion:	43	Resp:	20187
Ion	Ratio	Lower	Upper
43	100		
58	0.0	40.0	60.0#
98	0.8	0.1	0.1#



#52
Tetrachloroethene
Concen: 0.196 ppbv
RT: 11.21 min Scan# 2621
Delta R.T. -0.02 min
Lab File: VL039222.D
Acq: 7 Jun 2022 23:35

Tgt Ion:	164	Resp:	9751
Ion	Ratio	Lower	Upper
164	100		
166	125.8	96.3	144.5
129	101.6	82.5	123.7
131	103.8	82.1	123.1





#53

Toluene

Concen: 0.516 ppbv

RT: 9.81 min Scan# 2185

Delta R.T. 0.00 min

Lab File: VL039222.D

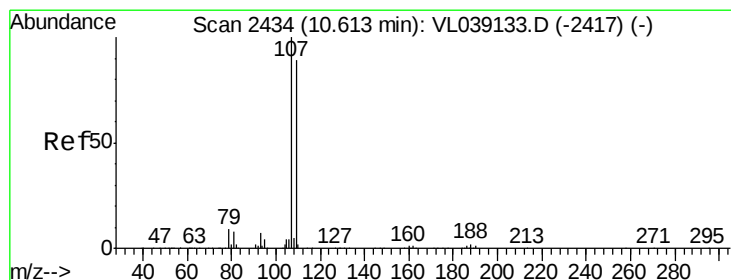
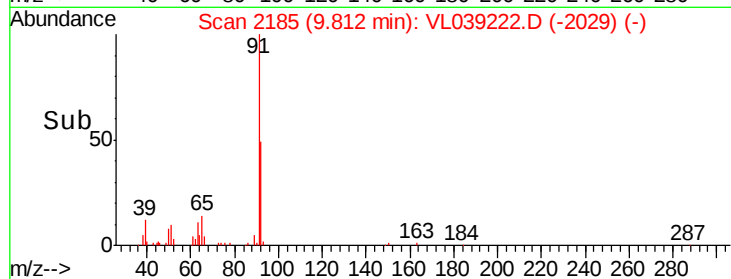
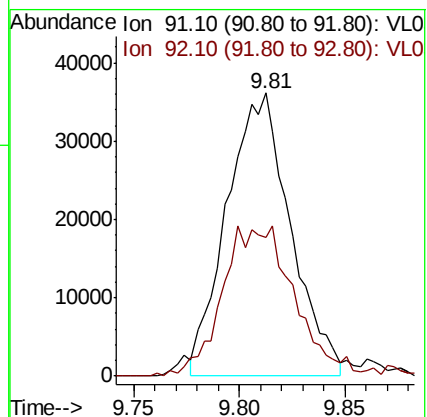
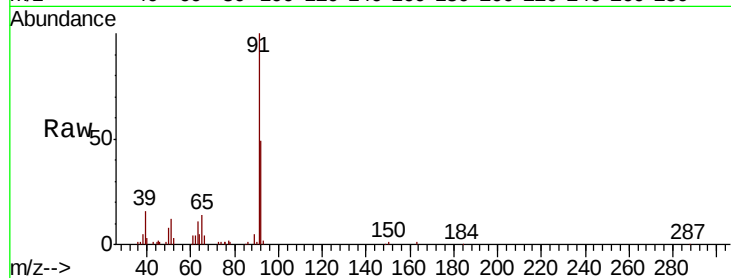
Acq: 7 Jun 2022 23:35

Tot Ion: 91 Resp: 75737

Ion Ratio Lower Upper

91 100

92 61.7 48.1 72.1



#54

1,2-Dibromoethane

Concen: 0.367 ppbv

RT: 10.61 min Scan# 2434

Delta R.T. 0.00 min

Lab File: VL039222.D

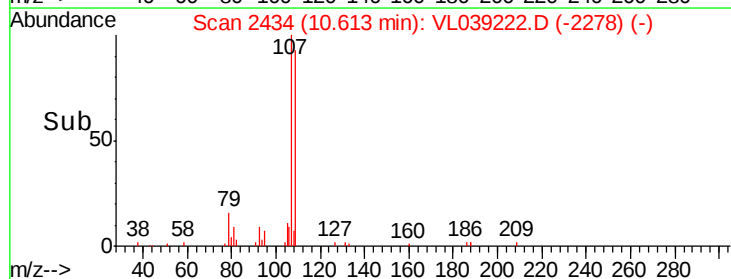
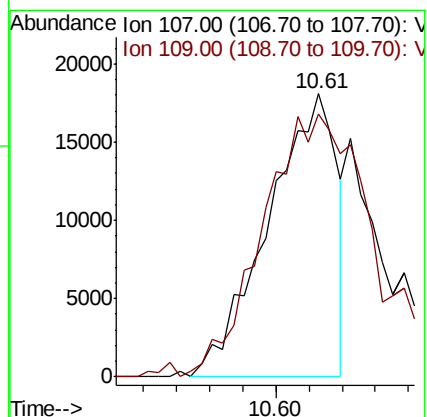
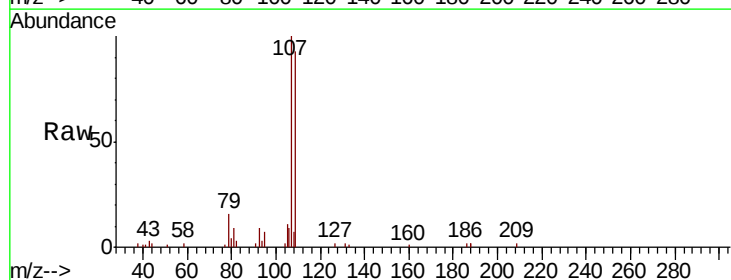
Acq: 7 Jun 2022 23:35

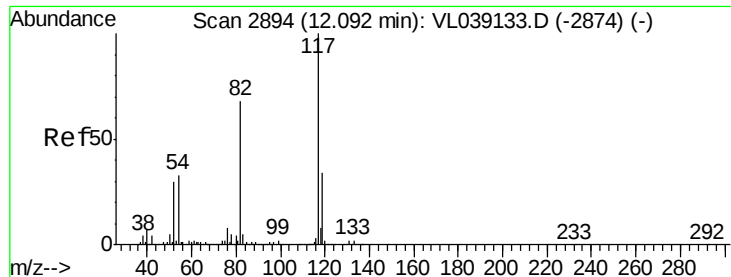
Tgt Ion: 107 Resp: 26063

Ion Ratio Lower Upper

107 100

109 90.9 71.4 107.0

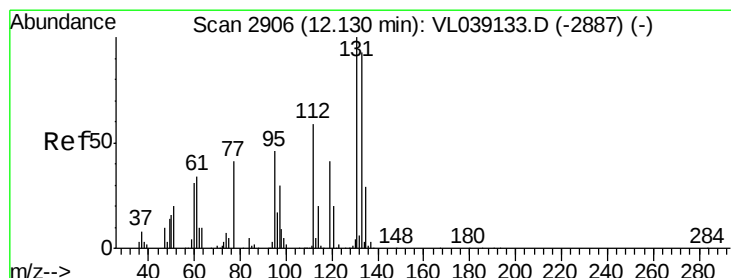
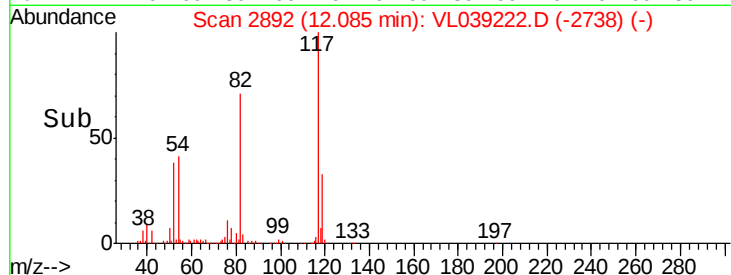
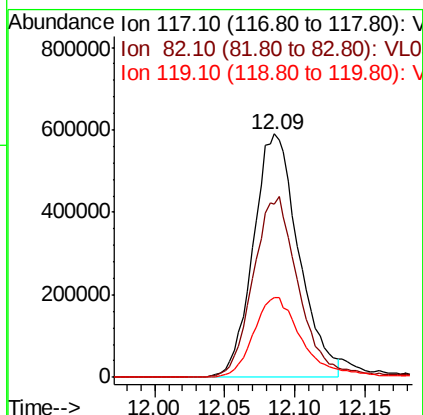
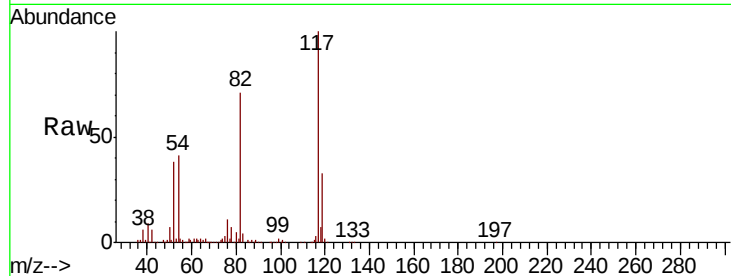




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2892
Delta R.T. -0.01 min
Lab File: VL039222.D
Acq: 7 Jun 2022 23:35

Tot Ion:117 Resp: 1326397

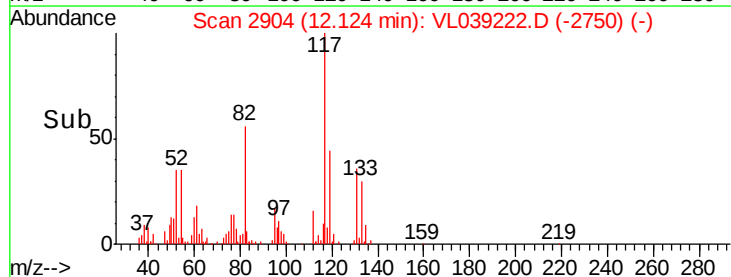
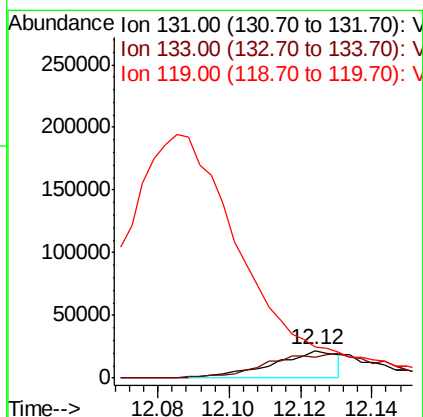
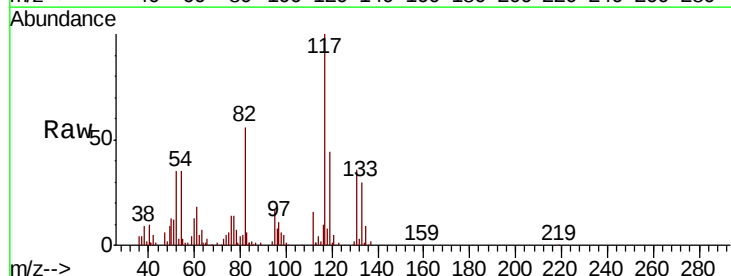
Ion	Ratio	Lower	Upper
117	100		
82	76.1	55.1	82.7
119	35.8	24.7	37.1

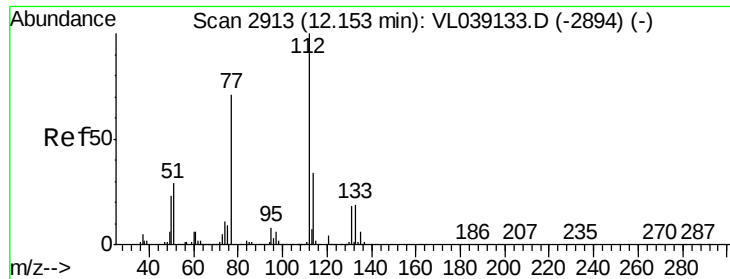


#56
1,1,1,2-Tetrachloroethane
Concen: 0.410 ppbv
RT: 12.12 min Scan# 2904
Delta R.T. -0.01 min
Lab File: VL039222.D
Acq: 7 Jun 2022 23:35

Tgt Ion:131 Resp: 25715

Ion	Ratio	Lower	Upper
131	100		
133	180.0	78.6	117.8#
119	1861.0	51.7	77.5#





#57

Chlorobenzene

Concen: 0.664 ppbv

RT: 12.14 min Scan# 2910

Delta R.T. -0.01 min

Lab File: VL039222.D

Acq: 7 Jun 2022 23:35

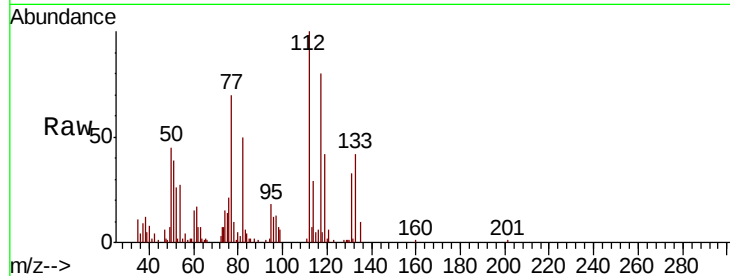
Tot Ion: 112 Resp: 66299

Ion Ratio Lower Upper

112 100

77 60.8 56.5 84.7

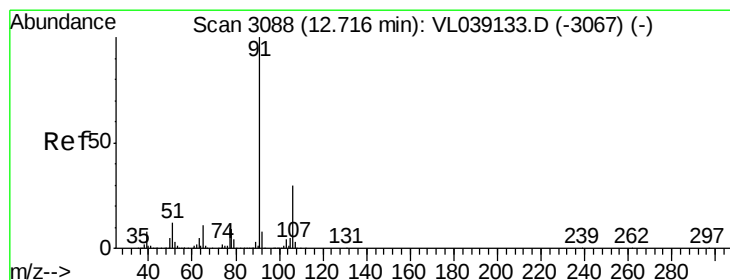
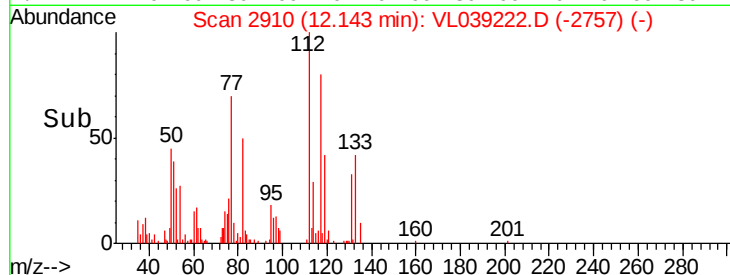
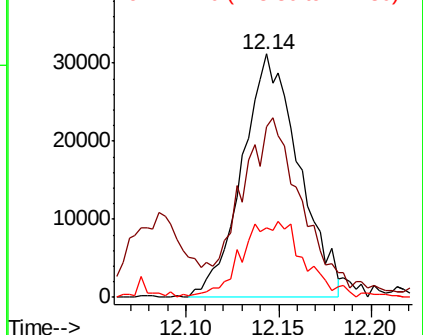
114 28.3 30.3 37.1#



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



#58

Ethyl Benzene

Concen: 0.621 ppbv

RT: 12.72 min Scan# 3088

Delta R.T. 0.00 min

Lab File: VL039222.D

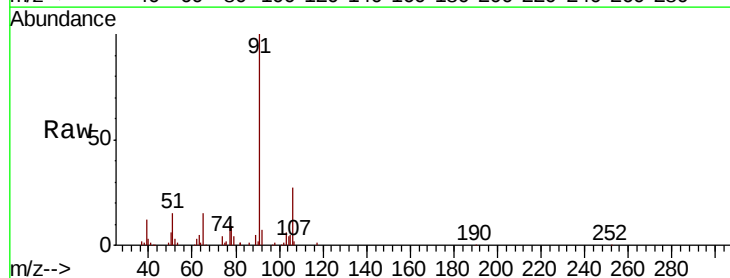
Acq: 7 Jun 2022 23:35

Tgt Ion: 91 Resp: 113407

Ion Ratio Lower Upper

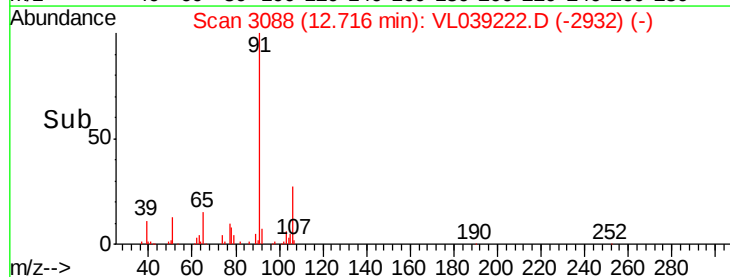
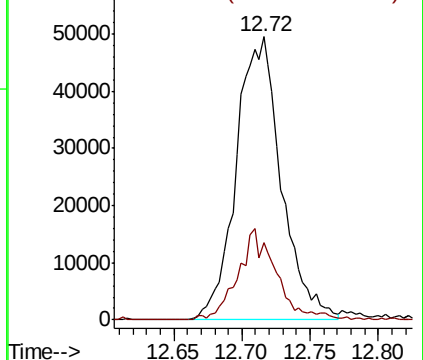
91 100

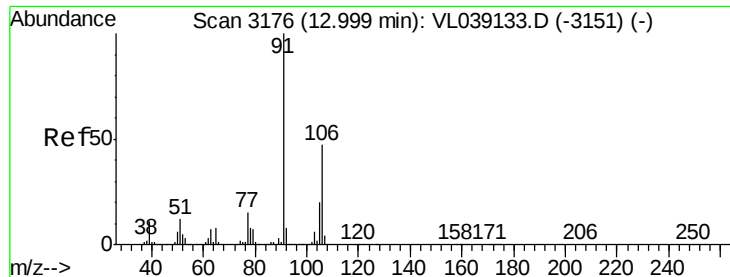
106 26.9 24.2 36.4



Abundance Ion 91.10 (90.80 to 91.80): VL0

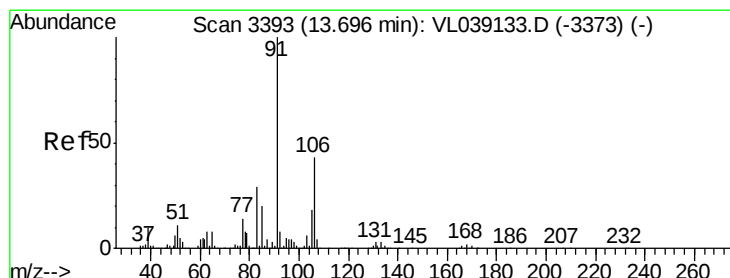
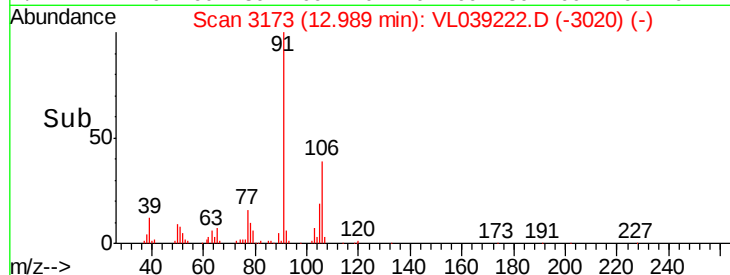
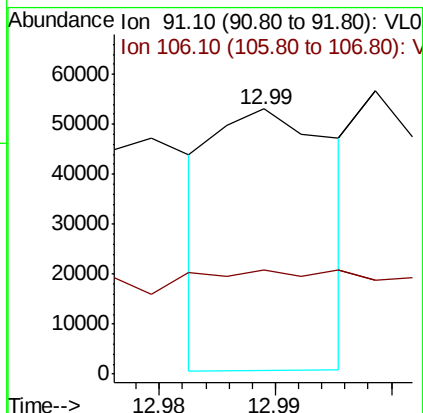
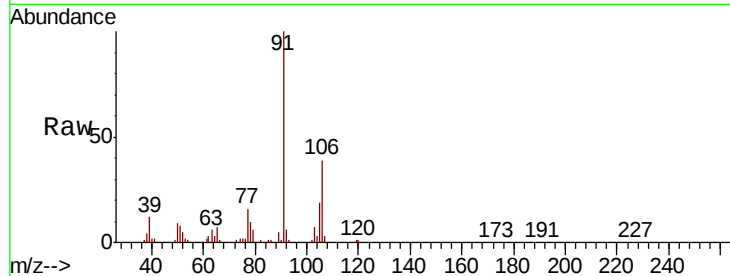
Ion 106.10 (105.80 to 106.80): V





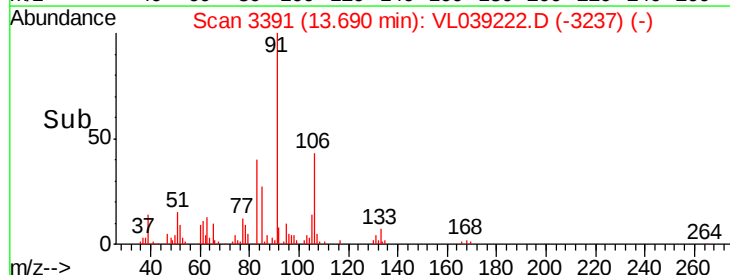
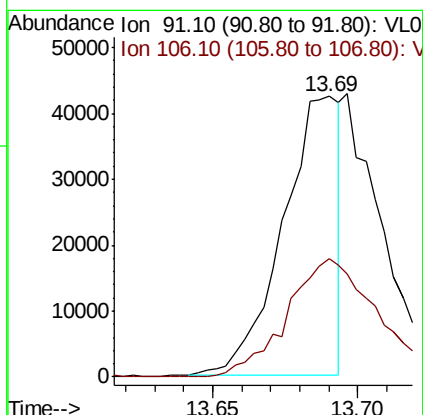
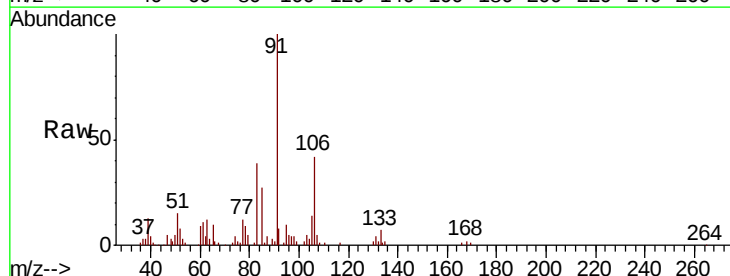
#59
m/p-Xylene
Concen: 0.234 ppbv
RT: 12.99 min Scan# 3173
Delta R.T. -0.01 min
Lab File: VL039222.D
Acq: 7 Jun 2022 23:35

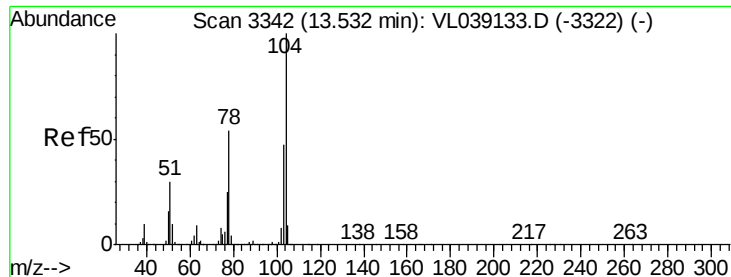
Tot Ion: 91 Resp: 37609
Ion Ratio Lower Upper
91 100
106 0.0 34.3 51.5#



#60
o-Xylene
Concen: 0.379 ppbv
RT: 13.69 min Scan# 3391
Delta R.T. -0.01 min
Lab File: VL039222.D
Acq: 7 Jun 2022 23:35

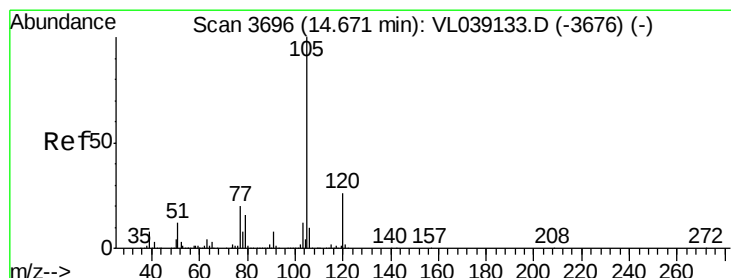
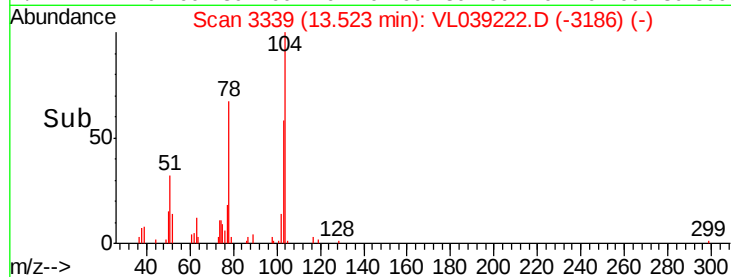
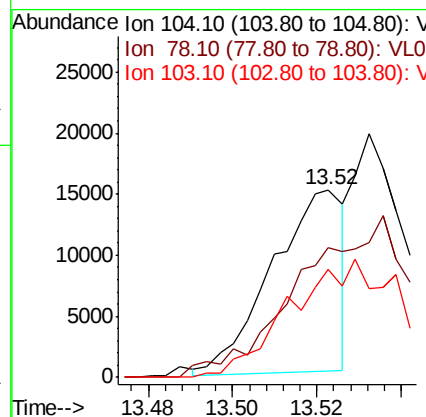
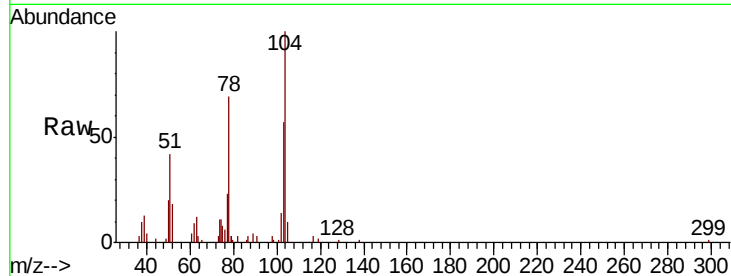
Tgt Ion: 91 Resp: 57252
Ion Ratio Lower Upper
91 100
106 71.5 22.3 66.9#





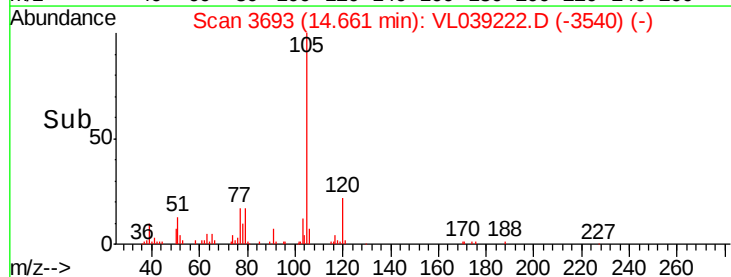
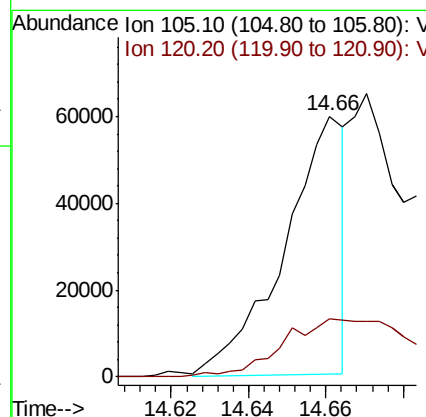
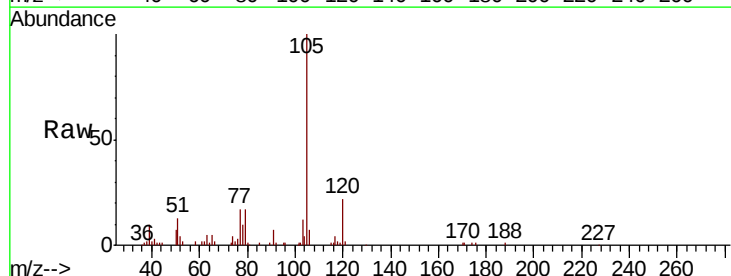
#61
Stvrene
Concen: 0.219 ppbv
RT: 13.52 min Scan# 3339
Delta R.T. -0.01 min
Lab File: VL039222.D
Acq: 7 Jun 2022 23:35

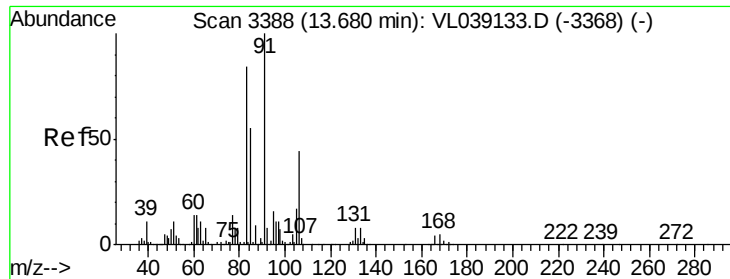
Tot Ion:104 Resp: 17713
Ion Ratio Lower Upper
104 100
78 0.0 45.7 68.5#
103 0.0 39.6 59.4#



#62
Isopropylbenzene
Concen: 0.287 ppbv
RT: 14.66 min Scan# 3693
Delta R.T. -0.01 min
Lab File: VL039222.D
Acq: 7 Jun 2022 23:35

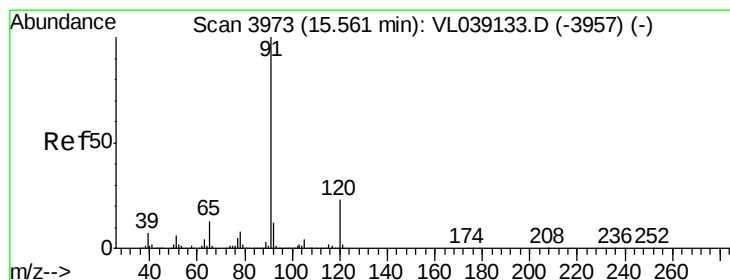
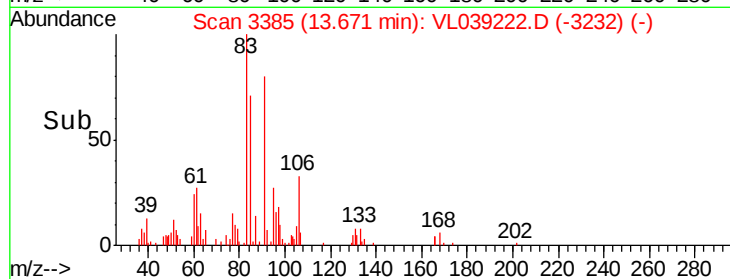
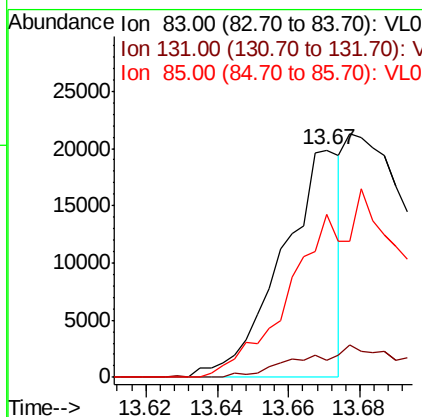
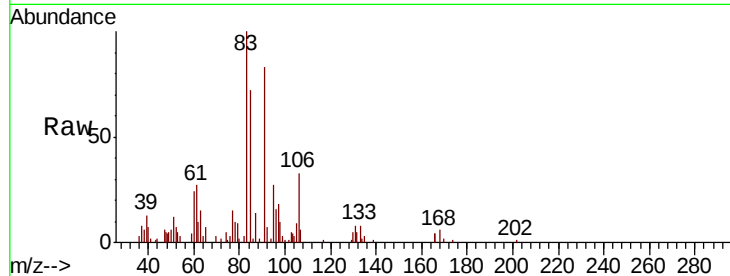
Tgt Ion:105 Resp: 64488
Ion Ratio Lower Upper
105 100
120 54.6 20.3 30.5#





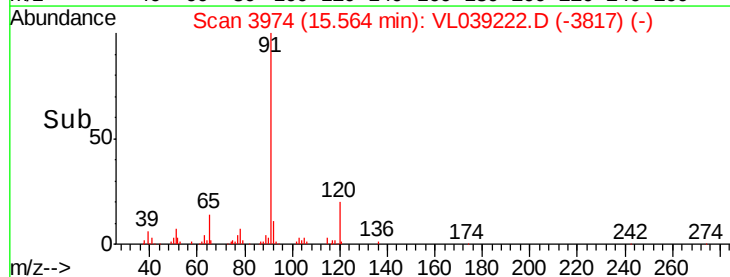
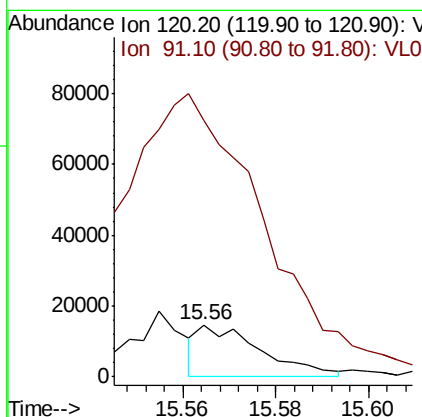
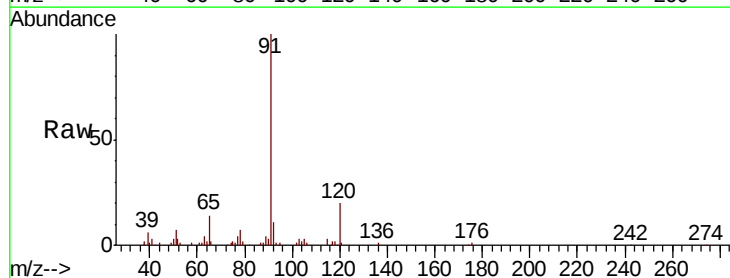
#63
 1,1,2,2-Tetrachloroethane
 Concen: 0.267 ppbv
 RT: 13.67 min Scan# 3385
 Delta R.T. -0.01 min
 Lab File: VL039222.D
 Acq: 7 Jun 2022 23:35

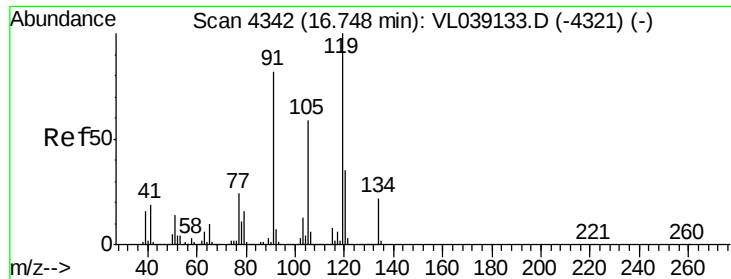
Tot Ion	83	Resp	22641
Ion Ratio	Lower	Upper	
83	100		
131	0.0	4.8	14.3#
85	0.0	33.0	99.0#



#64
 n-propylbenzene
 Concen: 0.253 ppbv
 RT: 15.56 min Scan# 3974
 Delta R.T. 0.00 min
 Lab File: VL039222.D
 Acq: 7 Jun 2022 23:35

Tgt Ion	120	Resp	13970
Ion Ratio	Lower	Upper	
120	100		
91	1359.8	388.4	582.6#





#65

tert-Butylbenzene

Concen: 0.280 ppbv

RT: 16.74 min Scan# 4340

Delta R.T. -0.01 min

Lab File: VL039222.D

Acq: 7 Jun 2022 23:35

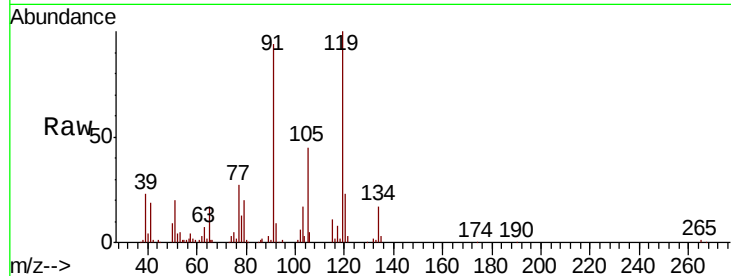
Tot Ion: 119 Resp: 57612

Ion Ratio Lower Upper

119 100

91 0.0 67.1 100.7#

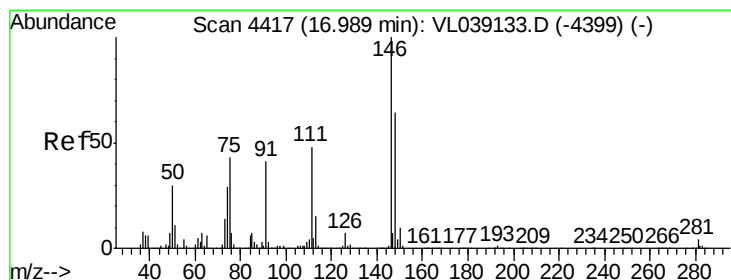
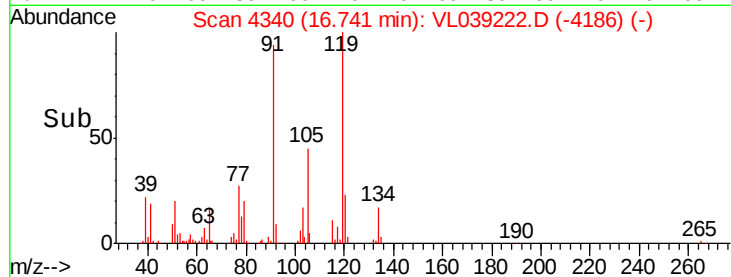
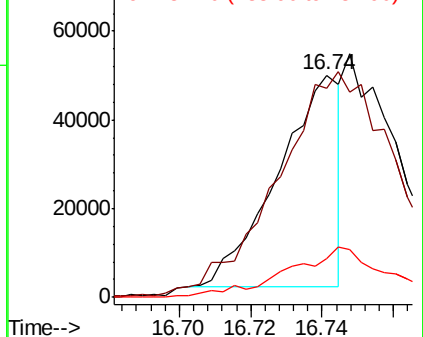
134 0.0 15.8 23.8#



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: 0.205 ppbv

RT: 16.99 min Scan# 4416

Delta R.T. -0.00 min

Lab File: VL039222.D

Acq: 7 Jun 2022 23:35

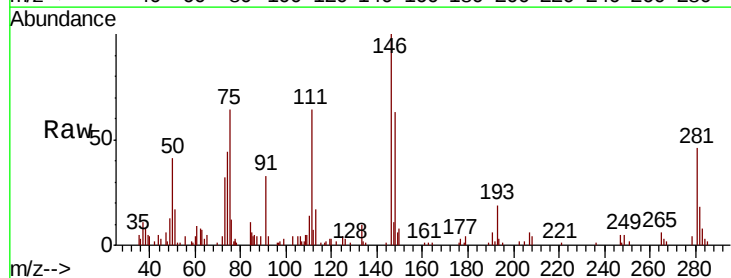
Tgt Ion: 91 Resp: 5489

Ion Ratio Lower Upper

91 100

126 41.8 13.4 20.0#

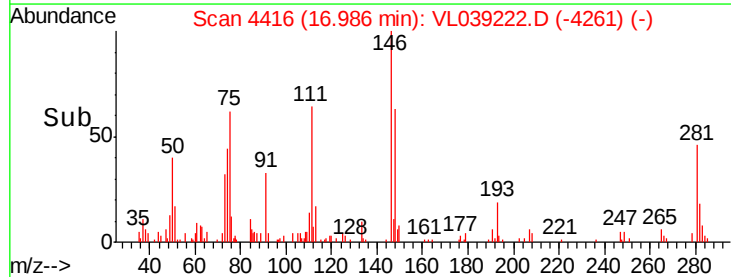
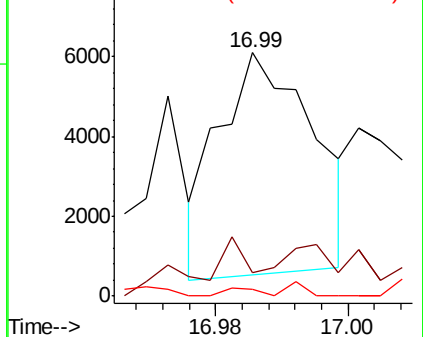
128 0.0 4.1 6.1#

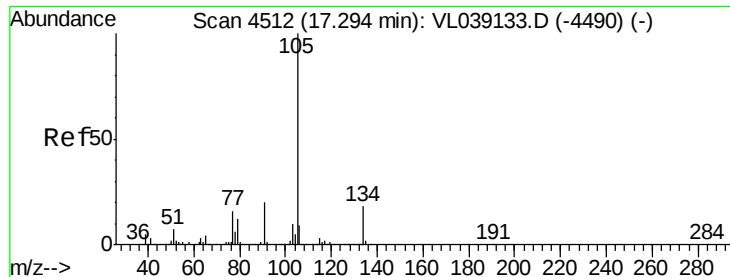


Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V

Ion 128.10 (127.80 to 128.80): V





#67

sec-Butylbenzene

Concen: 0.287 ppbv

RT: 17.29 min Scan# 4510

Delta R.T. -0.01 min

Lab File: VL039222.D

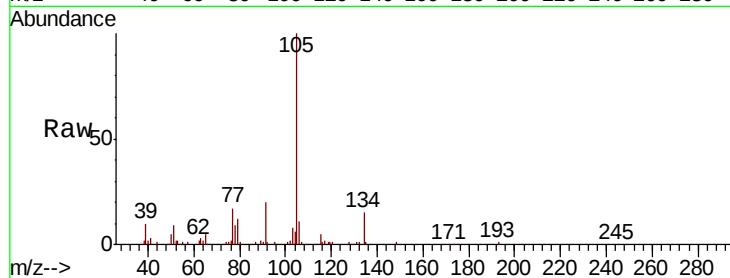
Acq: 7 Jun 2022 23:35

Tot Ion: 105 Resp: 80333

Ion Ratio Lower Upper

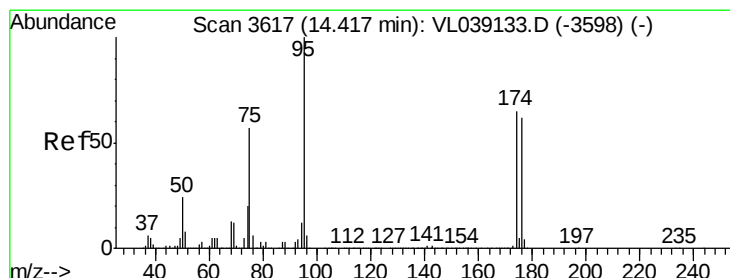
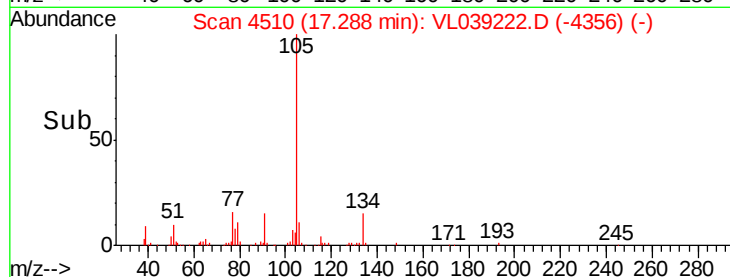
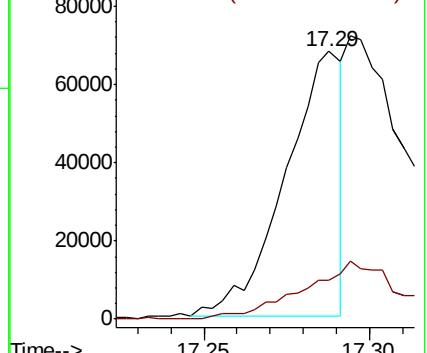
105 100

134 0.0 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: 11.360 ppbv

RT: 14.41 min Scan# 3616

Delta R.T. -0.00 min

Lab File: VL039222.D

Acq: 7 Jun 2022 23:35

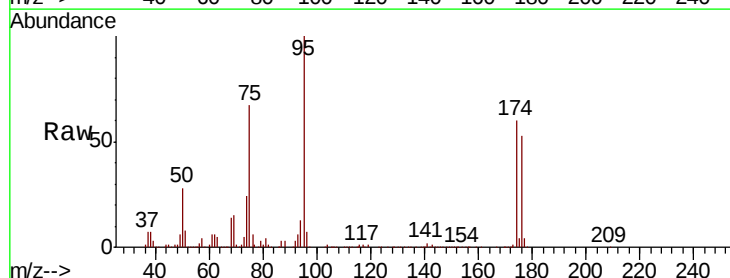
Tgt Ion: 95 Resp: 1245719

Ion Ratio Lower Upper

95 100

174 59.3 53.8 80.8

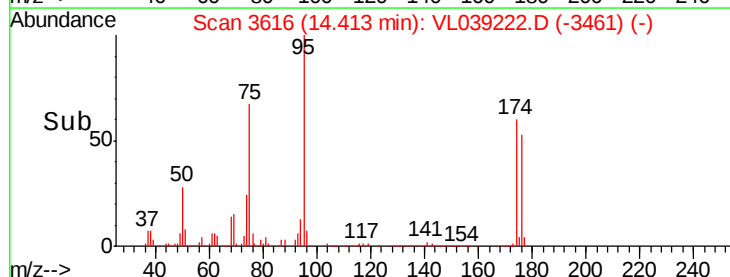
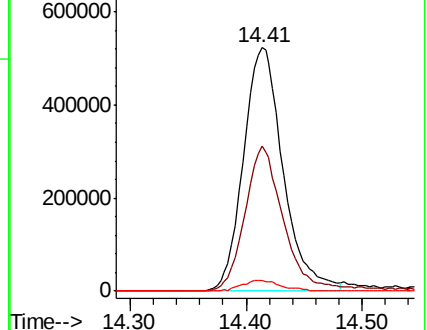
175 4.5 4.1 6.1

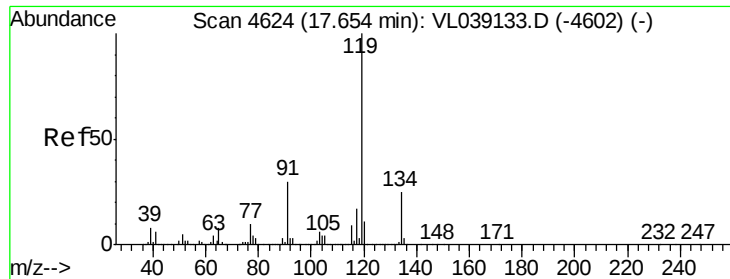


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

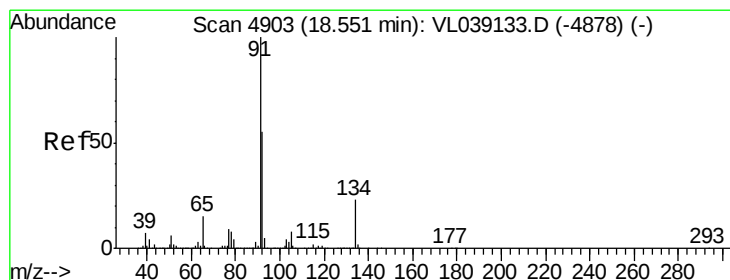
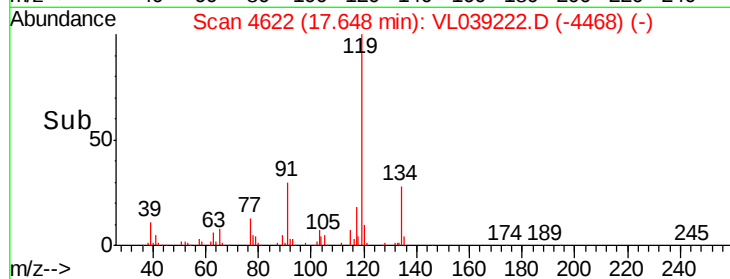
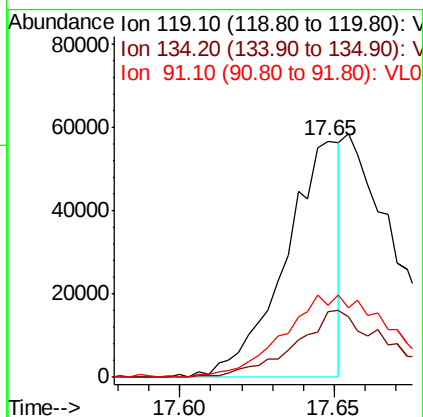
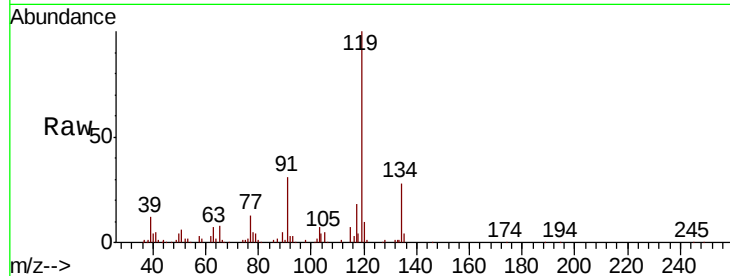
Ion 175.00 (174.70 to 175.70): V





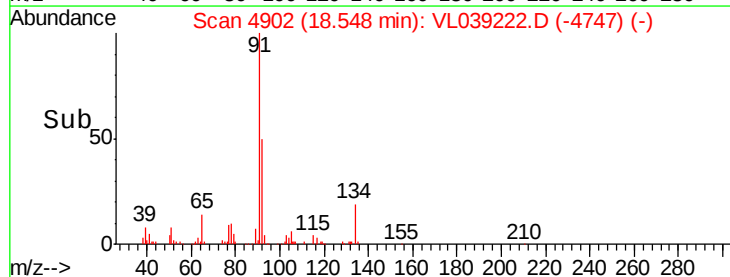
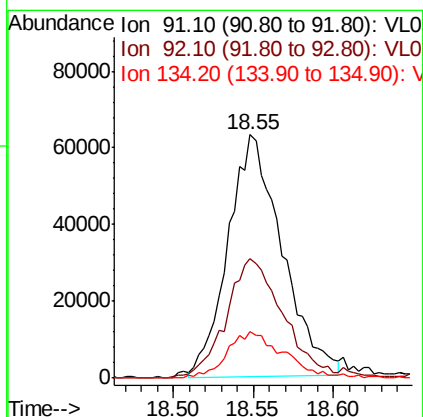
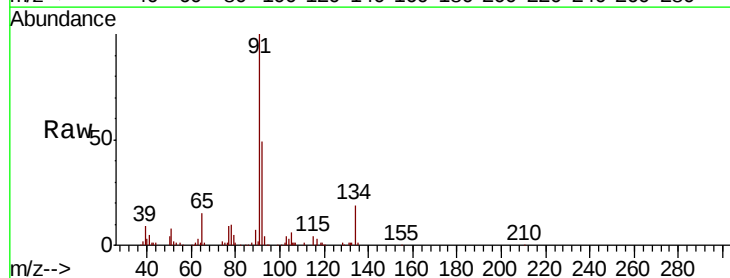
#69
 p-Isopropyltoluene
 Concen: 0.294 ppbv
 RT: 17.65 min Scan# 4622
 Delta R.T. -0.01 min
 Lab File: VL039222.D
 Acq: 7 Jun 2022 23:35

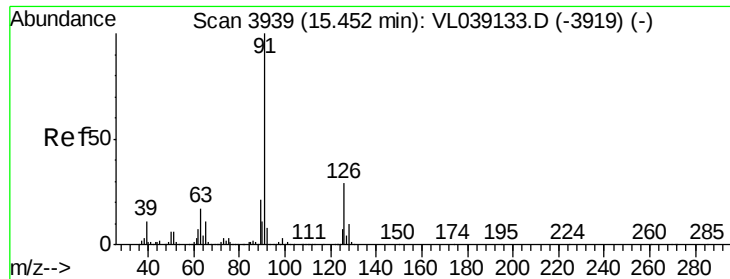
Tot Ion	Ratio	Lower	Upper
119	100		
134	0.0	20.4	30.6#
91	74.9	24.2	36.4#



#70
 n-Butylbenzene
 Concen: 0.603 ppbv
 RT: 18.55 min Scan# 4902
 Delta R.T. -0.00 min
 Lab File: VL039222.D
 Acq: 7 Jun 2022 23:35

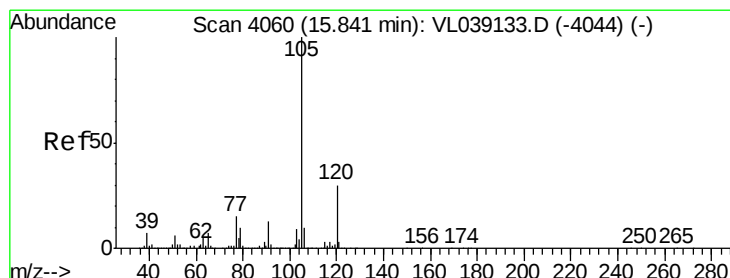
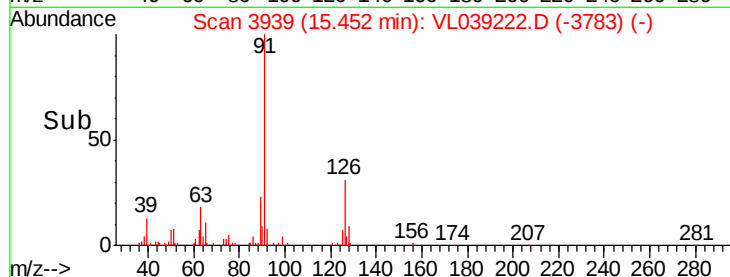
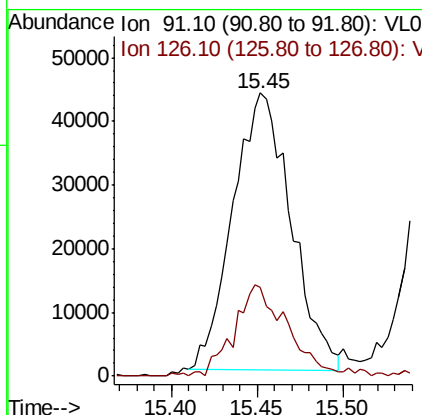
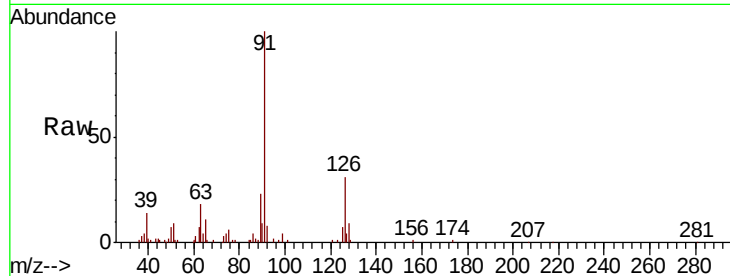
Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.7	43.6	65.4
134	20.4	17.7	26.5





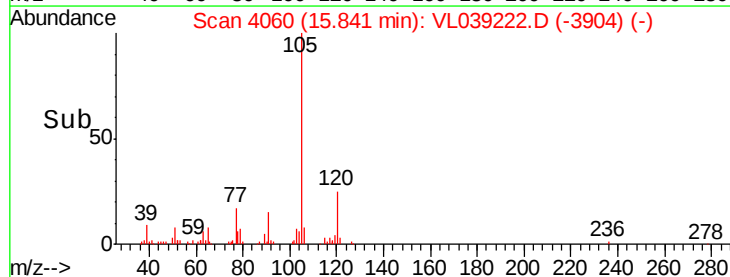
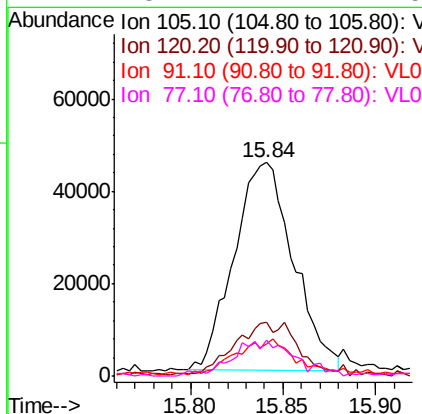
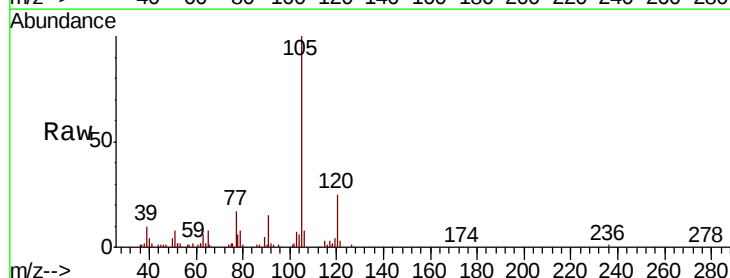
#71
 2-Chlorotoluene
 Concen: 0.596 ppbv
 RT: 15.45 min Scan# 3939
 Delta R.T. 0.00 min
 Lab File: VL039222.D
 Acq: 7 Jun 2022 23:35

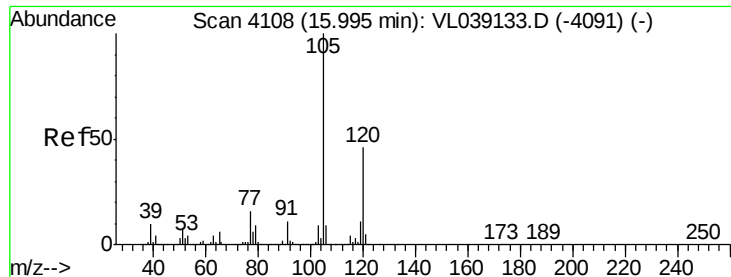
Tot Ion: 91 Resp: 102204
 Ion Ratio Lower Upper
 91 100
 126 31.2 12.2 48.6



#72
 4-Ethyltoluene
 Concen: 0.566 ppbv
 RT: 15.84 min Scan# 4060
 Delta R.T. 0.00 min
 Lab File: VL039222.D
 Acq: 7 Jun 2022 23:35

Tgt Ion:105 Resp: 100274
 Ion Ratio Lower Upper
 105 100
 120 28.9 23.9 35.9
 91 16.5 10.6 16.0#
 77 18.1 11.7 17.5#

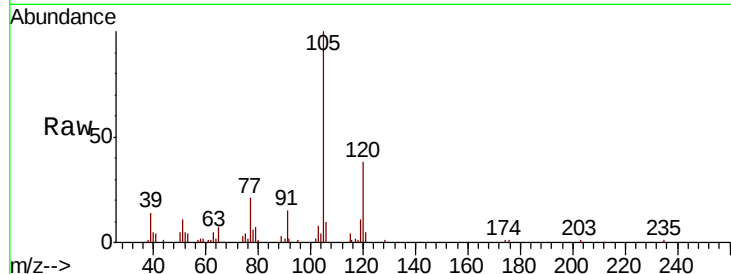




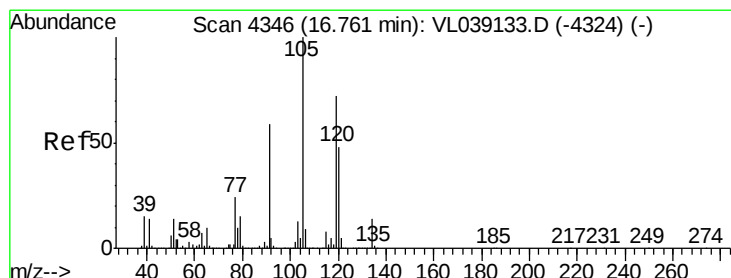
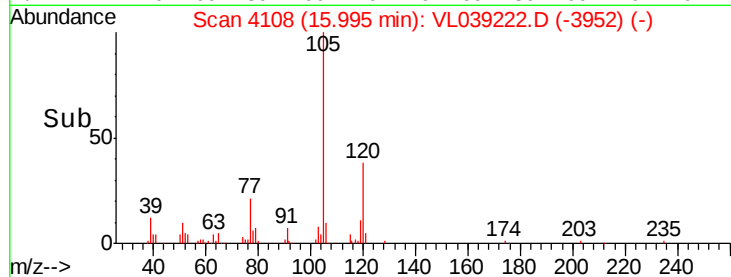
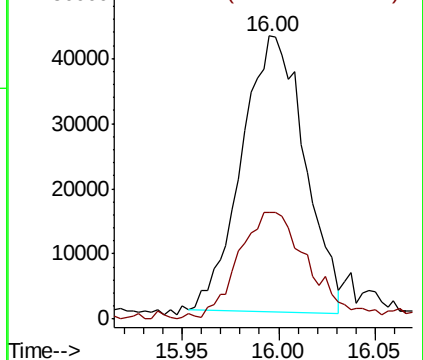
#73

1,3,5-Trimethylbenzene
Concen: 0.599 ppbv
RT: 16.00 min Scan# 4108
Delta R.T. 0.00 min
Lab File: VL039222.D
Acq: 7 Jun 2022 23:35

Tot Ion	Ratio	Lower	Upper
105	100		
120	36.9	36.7	55.1



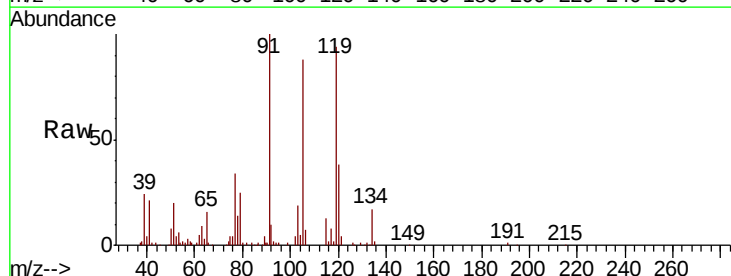
Abundance Ion 105.10 (104.80 to 105.80): V
Ion 120.20 (119.90 to 120.90): V



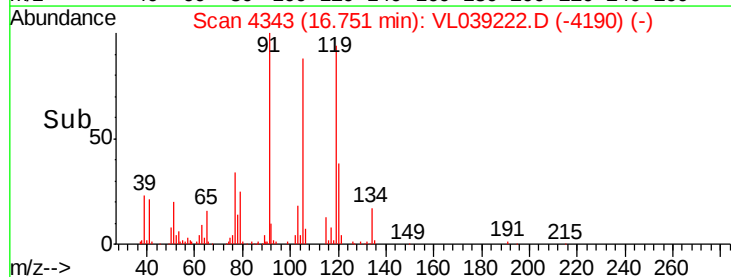
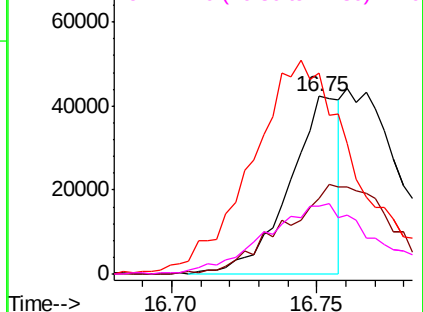
#74

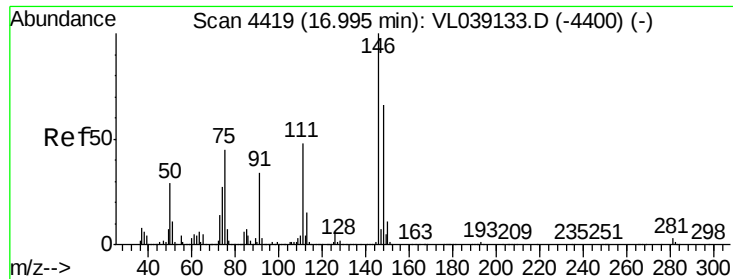
1,2,4-Trimethylbenzene
Concen: 0.286 ppbv
RT: 16.75 min Scan# 4343
Delta R.T. -0.01 min
Lab File: VL039222.D
Acq: 7 Jun 2022 23:35

Tgt Ion	Ratio	Lower	Upper
105	100		
120	41.3	38.1	57.1
91	106.0	47.4	71.0#
77	35.2	19.5	29.3#



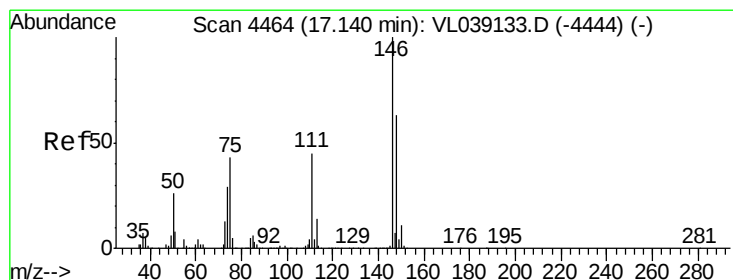
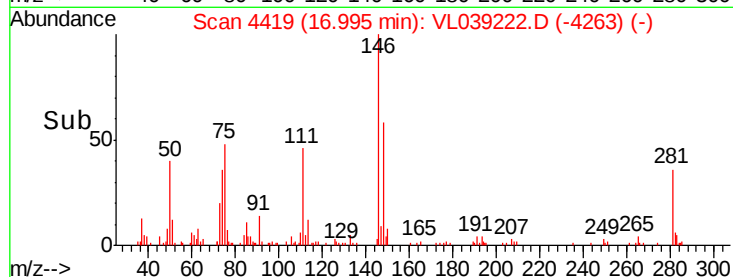
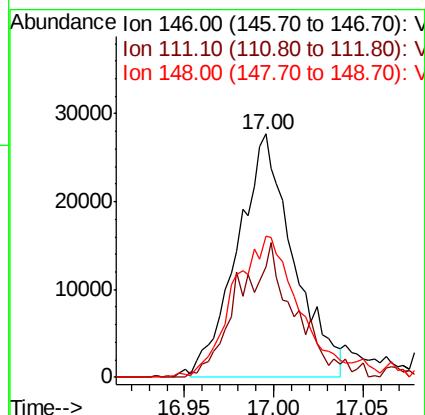
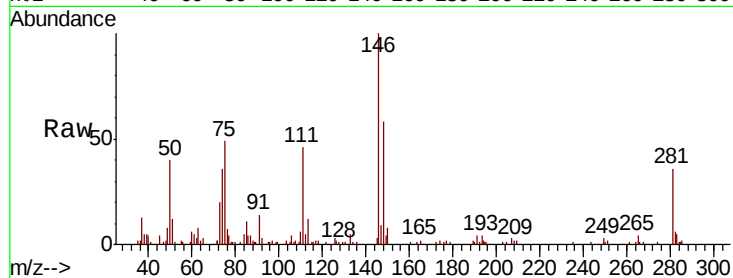
Abundance Ion 105.10 (104.80 to 105.80): V
Ion 120.20 (119.90 to 120.90): V
Ion 91.10 (90.80 to 91.80): VL0
Ion 77.10 (76.80 to 77.80): VL0





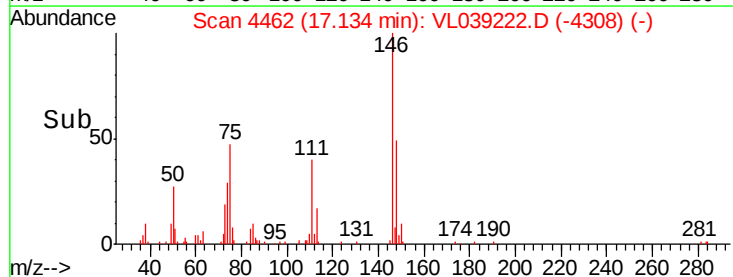
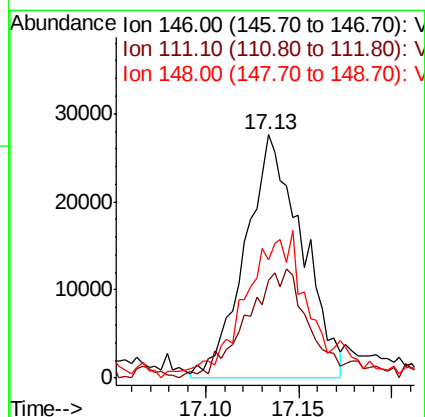
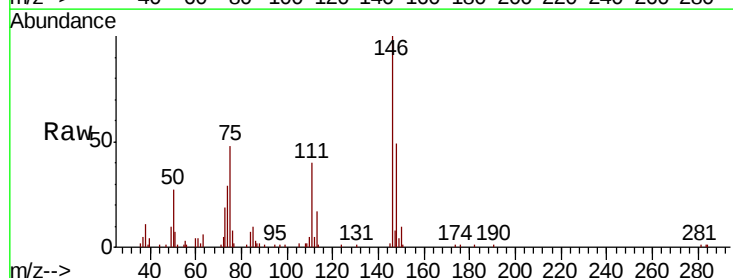
#75
 1,3-Dichlorobenzene
 Concen: 0.601 ppbv
 RT: 17.00 min Scan# 4419
 Delta R.T. 0.00 min
 Lab File: VL039222.D
 Acq: 7 Jun 2022 23:35

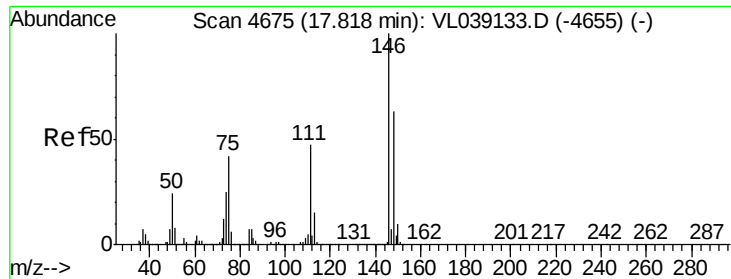
Tot Ion	Ratio	Lower	Upper
146	100		
111	56.3	23.8	71.4
148	70.9	32.4	97.0



#76
 1,4-Dichlorobenzene
 Concen: 0.585 ppbv
 RT: 17.13 min Scan# 4462
 Delta R.T. -0.01 min
 Lab File: VL039222.D
 Acq: 7 Jun 2022 23:35

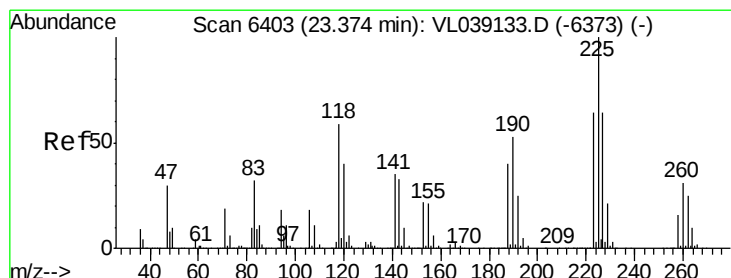
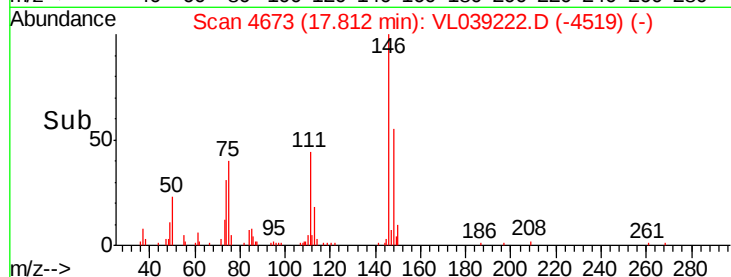
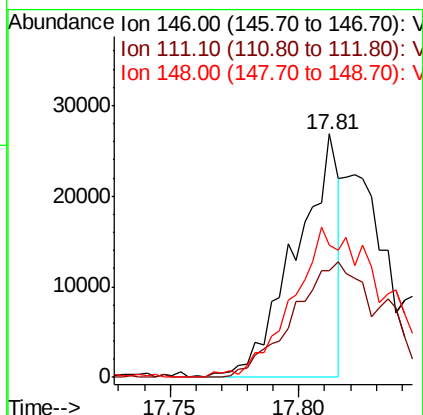
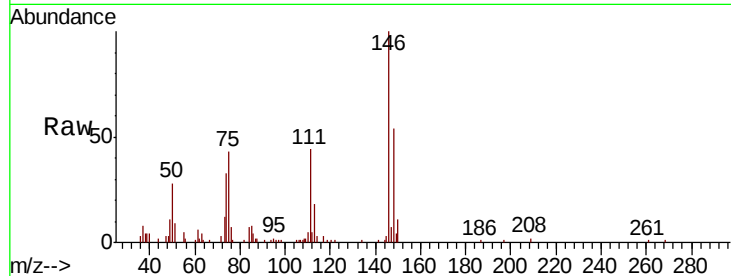
Tgt Ion	Ratio	Lower	Upper
146	100		
111	54.1	23.6	71.0
148	73.7	33.7	101.0





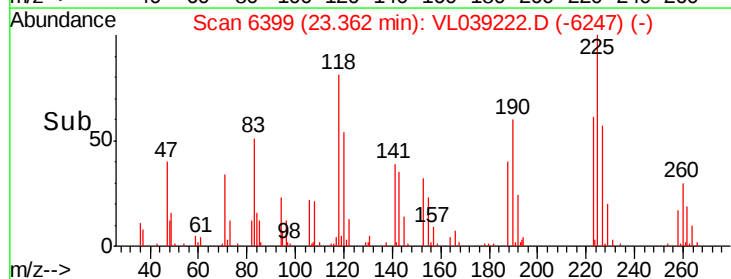
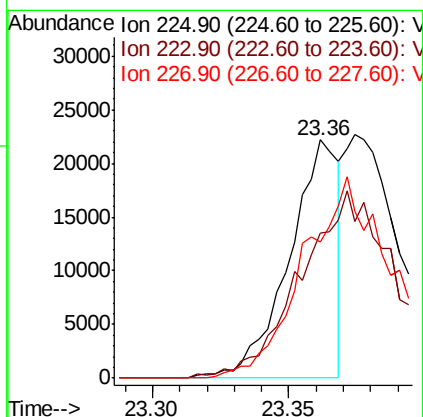
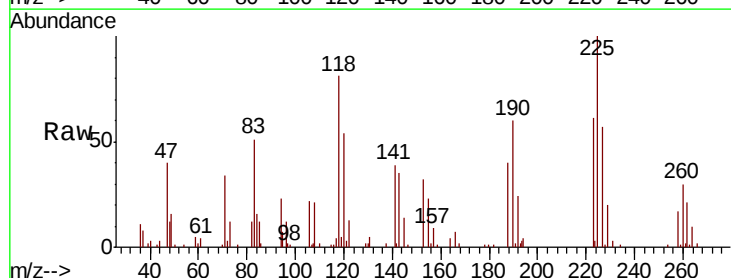
#77
 1,2-Dichlorobenzene
 Concen: 0.305 ppbv
 RT: 17.81 min Scan# 4673
 Delta R.T. -0.01 min
 Lab File: VL039222.D
 Acq: 7 Jun 2022 23:35

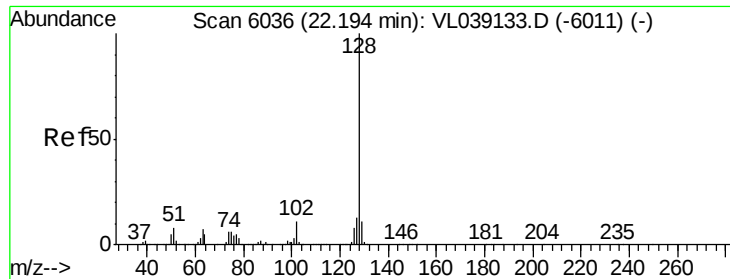
Tot Ion:146 Resp: 31035
 Ion Ratio Lower Upper
 146 100
 111 112.6 24.4 73.4#
 148 138.7 32.1 96.5#



#78
 Hexachloro-1,3-Butadiene
 Concen: 0.300 ppbv
 RT: 23.36 min Scan# 6399
 Delta R.T. -0.01 min
 Lab File: VL039222.D
 Acq: 7 Jun 2022 23:35

Tgt Ion:225 Resp: 27924
 Ion Ratio Lower Upper
 225 100
 223 0.0 51.4 77.0#
 227 0.0 50.6 75.8#





#79

Naphthalene

Concen: 0.230 ppbv

RT: 22.19 min Scan# 6035

Delta R.T. -0.00 min

Lab File: VL039222.D

Acq: 7 Jun 2022 23:35

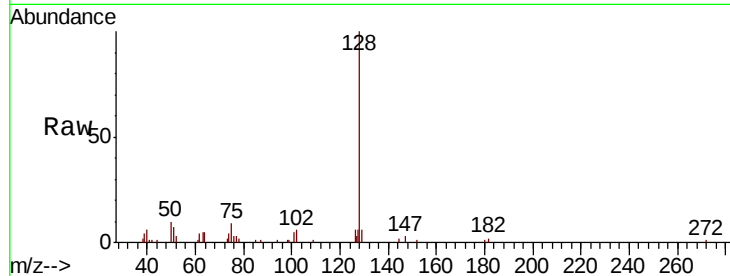
Tot Ion:128 Resp: 31627

Ion Ratio Lower Upper

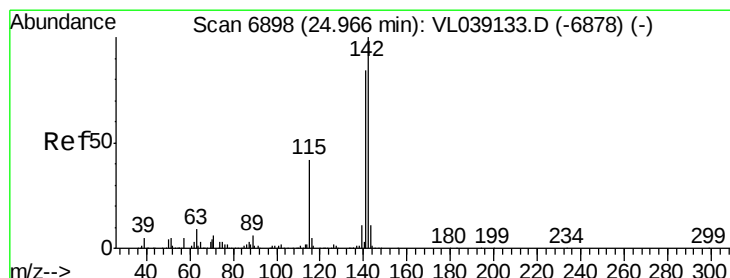
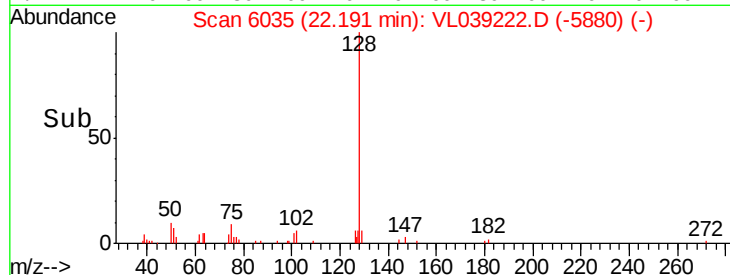
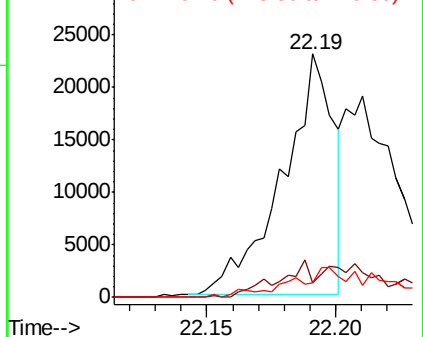
128 100

127 5.0 10.4 15.6#

129 5.8 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: 0.105 ppbv

RT: 24.98 min Scan# 6902

Delta R.T. 0.01 min

Lab File: VL039222.D

Acq: 7 Jun 2022 23:35

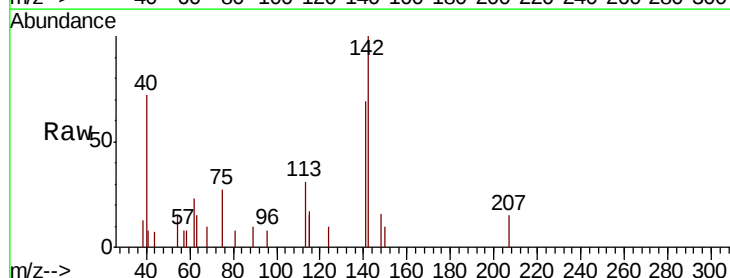
Tgt Ion:142 Resp: 5360

Ion Ratio Lower Upper

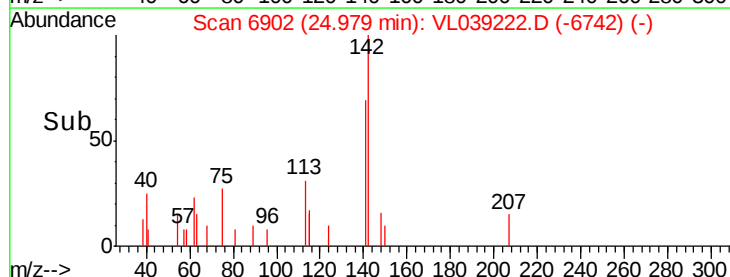
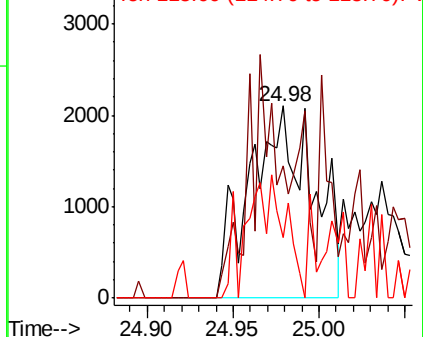
142 100

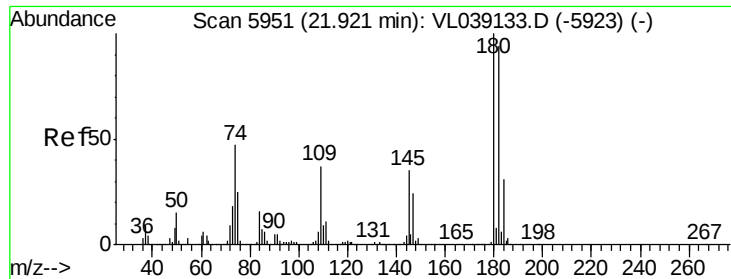
141 124.3 64.6 96.8#

115 46.0 32.7 49.1



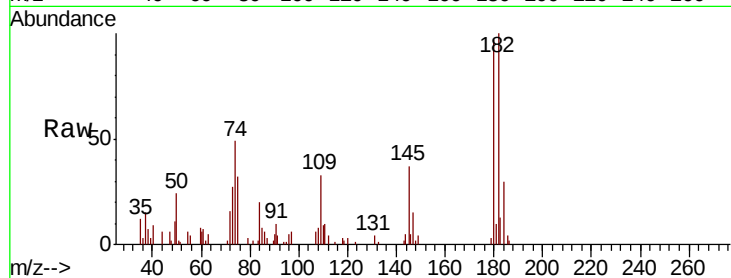
Abundance Ion 142.00 (141.70 to 142.70): V
Ion 141.00 (140.70 to 141.70): V
Ion 115.00 (114.70 to 115.70): V





#81
 1,2,4-Trichlorobenzene
 Concen: 0.123 ppbv
 RT: 21.91 min Scan# 5948
 Delta R.T. -0.01 min
 Lab File: VL039222.D
 Acq: 7 Jun 2022 23:35

Tot Ion:	180	Resp:	10673
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

