

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL053122\
 Data File : VL039142.D
 Acq On : 1 Jun 2022 00:00
 Operator : SY/AP
 Sample : VL0531ABS01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jun 01 01:40:07 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	5.68	49	13017	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	19066	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	7773	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	112030	174.33	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	= 1743.30%#	

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.05	85	3732	1.632	ppbv 99
3) Chlorodifluoromethane	2.99	51	5868	3.543	ppbv 93
4) Chloromethane	3.16	50	394	0.463	ppbv # 70
5) Vinyl Chloride	3.27	62	1299	1.633	ppbv # 80
6) Bromomethane	3.49	94	513	1.311	ppbv # 16
7) Chloroethane	3.56	64	919	3.316	ppbv # 78
8) Dichlorotetrafluoroethane	3.21	85	759	0.363	ppbv # 15
9) Propene	3.02	41	1347	1.865	ppbv # 28
10) Heptane	8.13	43	1465	0.870	ppbv # 1
11) Trichlorofluoromethane	3.97	101	633	0.306	ppbv 84
12) 1,1,2-Trichlorotrifluoroet	4.83	101	220	0.161	ppbv 94
13) Ethanol	3.61	45	389	9.877	ppbv # 100
14) Bromoethene	3.74	108	686	1.115	ppbv # 1
15) Acetone	3.84	43	197	0.145	ppbv # 47
16) 1,3-Butadiene	3.34	39	472	0.648	ppbv # 8
17) tert-Butyl alcohol	4.31	59	43506	41.365	ppbv 96
18) 1,1-Dichloroethene	4.30	96	414	0.674	ppbv # 2
19) Isopropyl Alcohol	3.96	45	201	0.316	ppbv # 93
20) Methylene Chloride	4.36	84	866	1.516	ppbv # 32
21) Allyl Chloride	4.42	41	1412	1.544	ppbv # 20
22) trans-1,2-Dichloroethene	4.89	96	618	1.046	ppbv # 1
23) Vinyl Acetate	5.08	43	581	0.518	ppbv # 80
24) 1,1-Dichloroethane	5.02	63	456	0.297	ppbv # 33
25) Ethyl Acetate	5.70	43	6731	2.202	ppbv # 54
26) Hexane	5.69	57	583	0.434	ppbv # 1
27) Carbon Disulfide	4.56	76	1262	0.907	ppbv # 1
28) Methyl tert-Butyl Ether	5.05	73	830	0.560	ppbv # 71
29) Chloroform	5.74	83	804	0.356	ppbv 96
30) Cyclohexane	7.14	84	350	0.310	ppbv # 1
31) cis-1,2-Dichloroethene	5.58	61	742	0.542	ppbv 93
32) 1,1,1-Trichloroethane	6.51	97	1939	0.877	ppbv # 1
34) 2-Butanone	5.24	43	295	0.285	ppbv # 53
35) Carbon Tetrachloride	7.02	117	1063	0.764	ppbv # 69
36) Benzene	6.90	78	1129	0.729	ppbv # 30
37) 1,2-Dichloroethane	6.31	62	1441	1.415	ppbv # 95
38) Trichloroethene	7.84	130	330	0.464	ppbv # 36
39) 1,2-Dichloropropane	7.62	63	973	1.580	ppbv # 44
40) 1,4-Dioxane	7.84	88	109	0.538	ppbv # 1
41) Tetrahydrofuran	6.04	42	184	0.295	ppbv # 36
42) Bromodichloromethane	7.80	83	876	0.620	ppbv # 55
43) Methyl Methacrylate	8.02	69	5206	8.634	ppbv # 1

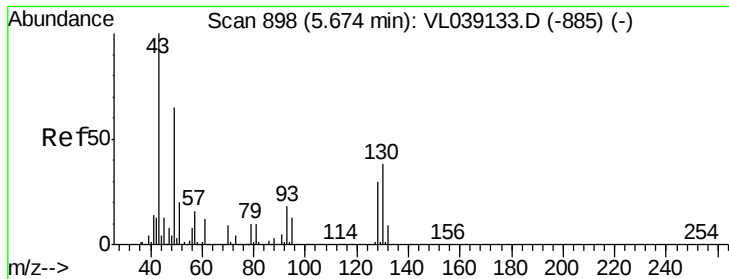
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL053122\
 Data File : VL039142.D
 Acq On : 1 Jun 2022 00:00
 Operator : SY/AP
 Sample : VL0531ABS01
 Misc : 400mL/MSVOA L
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Instrument :
 MSVOA_L
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Quant Time: Jun 01 01:40:07 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)
44) 2,2,4-Trimethylpentane	7.88	57	1913	0.706	ppbv #	1
45) t-1,3-Dichloropropene	9.29	75	593	0.944	ppbv	95
46) cis-1,3-Dichloropropene	8.71	75	1166	1.406	ppbv #	41
47) 1,1,2-Trichloroethane	9.48	97	1406	2.189	ppbv #	59
48) Dibromochloromethane	10.68	129	184	0.160	ppbv	72
49) Bromoform	13.05	173	2788	2.917	ppbv #	26
50) 4-Methyl-2-Pentanone	8.76	43	62893	40.563	ppbv #	68
51) 2-Hexanone	10.15	43	43213	35.818	ppbv #	28
52) Tetrachloroethene	11.23	164	299	0.495	ppbv #	50
53) Toluene	9.81	91	1403	0.787	ppbv #	21
54) 1,2-Dibromoethane	10.59	107	168	0.195	ppbv	92
56) 1,1,1,2-Tetrachloroethane	12.12	131	7719	20.987	ppbv #	8
57) Chlorobenzene	12.15	112	4441	7.593	ppbv #	32
58) Ethyl Benzene	12.78	91	753	0.703	ppbv	91
59) m/p-Xylene	13.00	91	16679	17.690	ppbv #	1
60) o-Xylene	13.69	91	8904	10.050	ppbv #	1
61) Styrene	13.52	104	4596	9.687	ppbv #	1
62) Isopropylbenzene	14.67	105	123202	93.561	ppbv	93
63) 1,1,2,2-Tetrachloroethane	13.68	83	61180	123.025	ppbv #	88
64) n-propylbenzene	15.55	120	13771	42.542	ppbv #	1
65) tert-Butylbenzene	16.75	119	177799	147.657	ppbv #	58
66) Benzyl Chloride	16.98	91	7830	50.010	ppbv #	54
67) sec-Butylbenzene	17.29	105	265147	161.383	ppbv	92
69) p-Isopropyltoluene	17.65	119	143135	103.261	ppbv #	47
70) n-Butylbenzene	18.55	91	472742	332.264	ppbv	96
71) 2-Chlorotoluene	15.46	91	91140	90.761	ppbv	85
72) 4-Ethyltoluene	15.84	105	59326	57.134	ppbv #	47
73) 1,3,5-Trimethylbenzene	16.00	105	80966	86.451	ppbv	98
74) 1,2,4-Trimethylbenzene	16.76	105	153904	147.254	ppbv	95
75) 1,3-Dichlorobenzene	17.00	146	27093	45.798	ppbv #	1
76) 1,4-Dichlorobenzene	17.14	146	35731	60.537	ppbv #	1
77) 1,2-Dichlorobenzene	17.81	146	47584	79.808	ppbv #	1
78) Hexachloro-1,3-Butadiene	23.37	225	270794	496.673	ppbv	98
79) Naphthalene	22.19	128	162298	201.721	ppbv	97
80) Naphthalene, 2-methyl-	24.97	142	64683	216.389	ppbv	92
81) 1,2,4-Trichlorobenzene	21.92	180	88710	174.042	ppbv #	100

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 Instrument:

Delta R.T. MSVOA_L

Lab File:

Acq: 1 Jun 2022 00:00

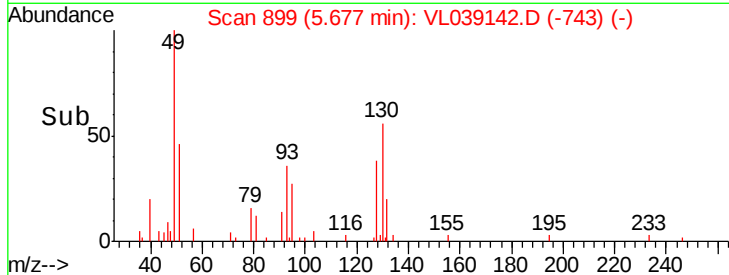
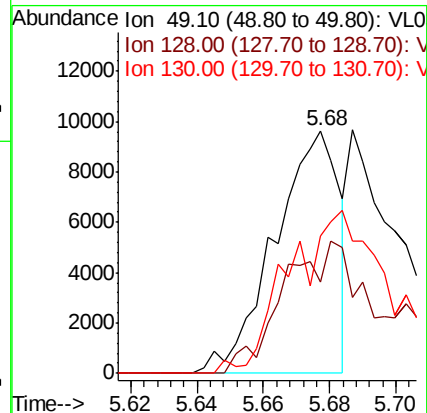
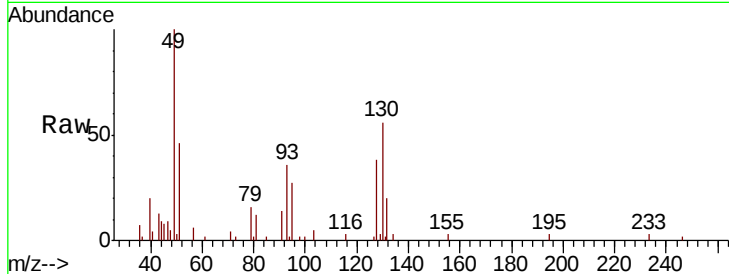
Tot Ion: 49 Resp: 13017

Ion Ratio Lower Upper

49 100

128 0.0 24.7 74.1#

130 0.0 31.4 94.0#



#2

Dichlorodifluoromethane

Concen: 1.632 ppbv

RT: 3.05 min Scan# 83

Delta R.T. -0.01 min

Lab File: VL039142.D

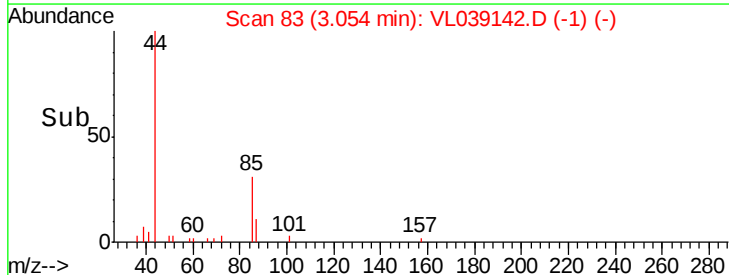
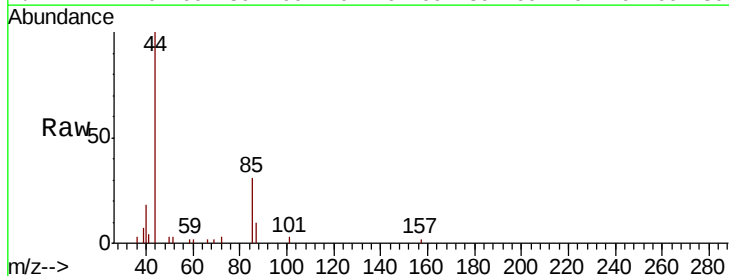
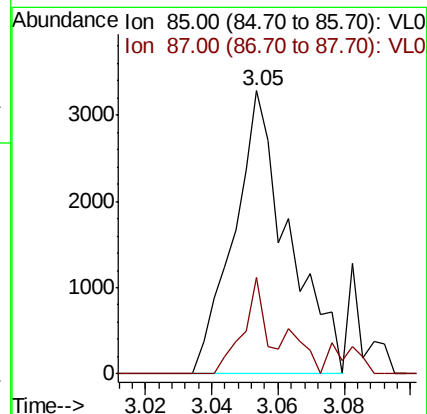
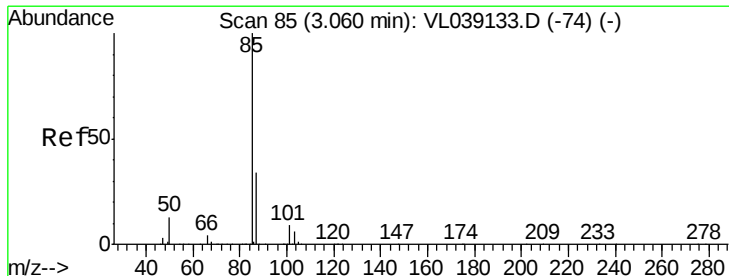
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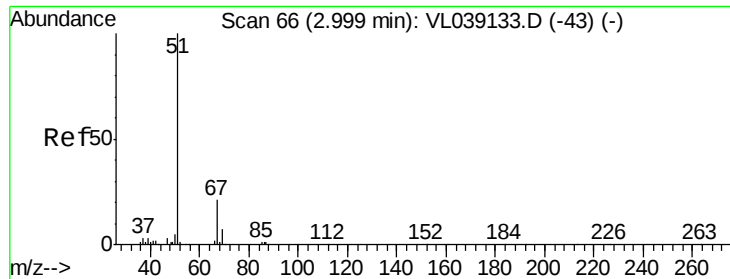
Tgt Ion: 85 Resp: 3732

Ion Ratio Lower Upper

85 100

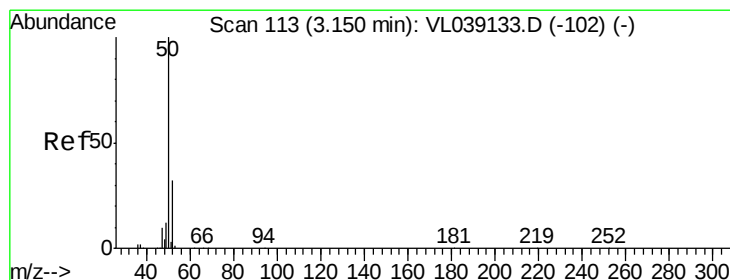
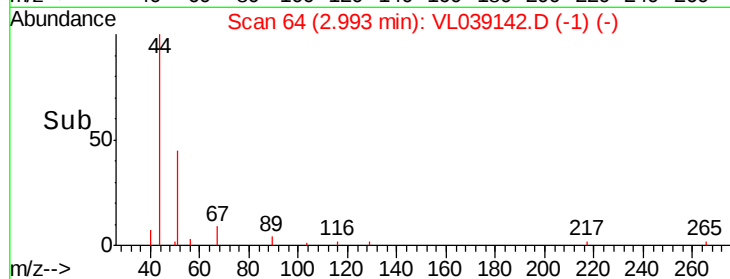
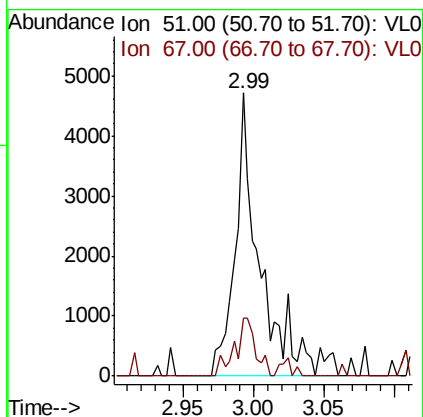
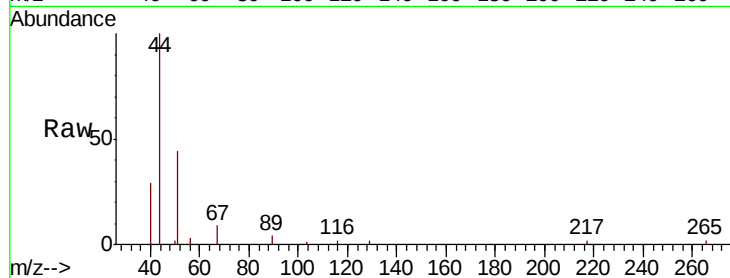
87 34.0 26.9 40.3





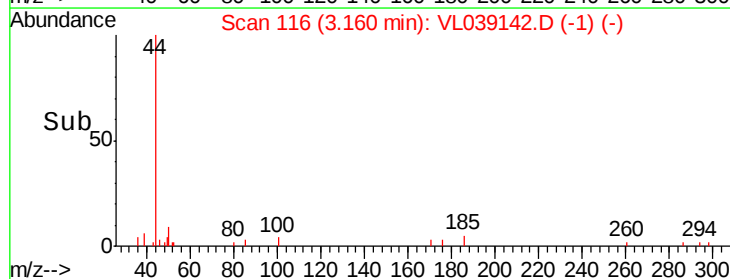
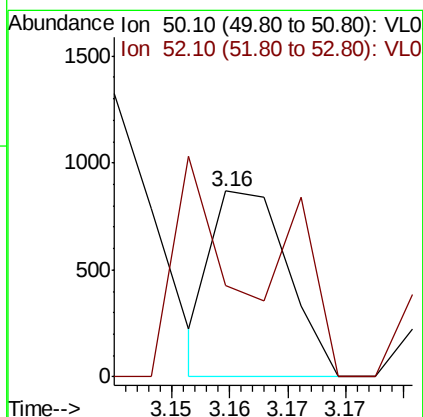
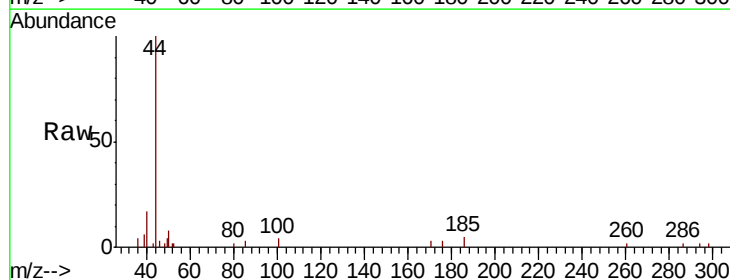
#3
 Chlorodifluoromethane
 Concen: 3.543 ppbv
 RT: 2.99
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 1 Jun 2022 00:00

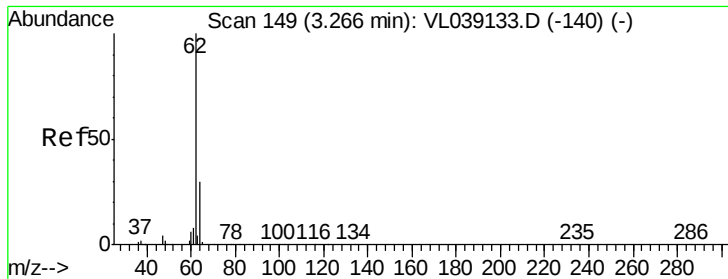
Tot Ion: 51 Resp: 5868
 Ion Ratio Lower Upper
 51 100
 67 16.9 16.2 24.4



#4
 Chloromethane
 Concen: 0.463 ppbv
 RT: 3.16 min Scan# 116
 Delta R.T. 0.01 min
 Lab File: VL039142.D
 Acq: 1 Jun 2022 00:00

Tgt Ion: 50 Resp: 394
 Ion Ratio Lower Upper
 50 100
 52 49.0 25.9 38.9#





#5

Vinyl Chloride

Concen: 1.633 ppbv

RT: 3.27 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

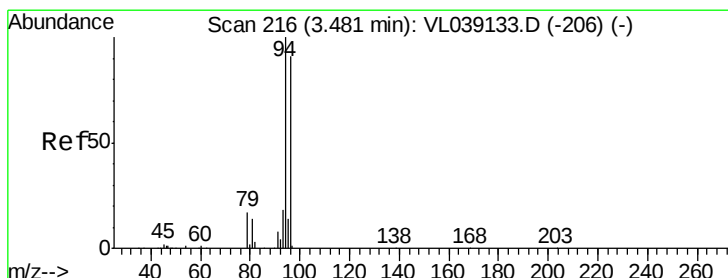
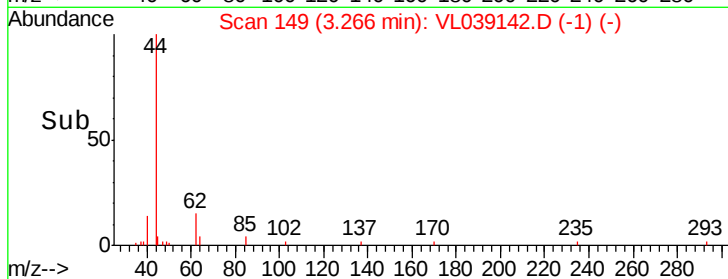
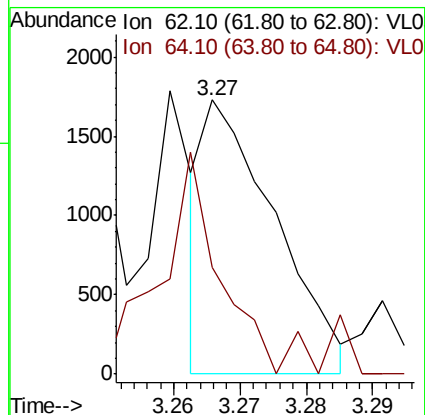
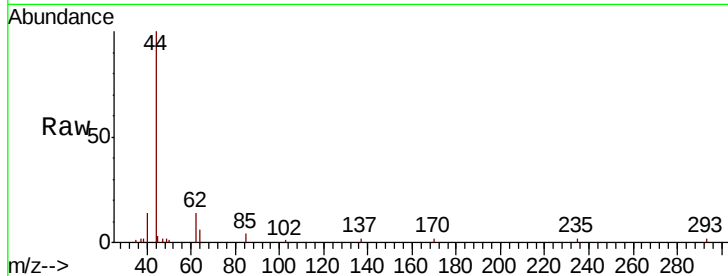
Acq: 1 Jun 2022 00:00

Tot Ion: 62 Resp: 1299

Ion Ratio Lower Upper

62 100

64 19.5 24.2 36.2#



#6

Bromomethane

Concen: 1.311 ppbv

RT: 3.49 min Scan# 218

Delta R.T. 0.01 min

Lab File: VL039142.D

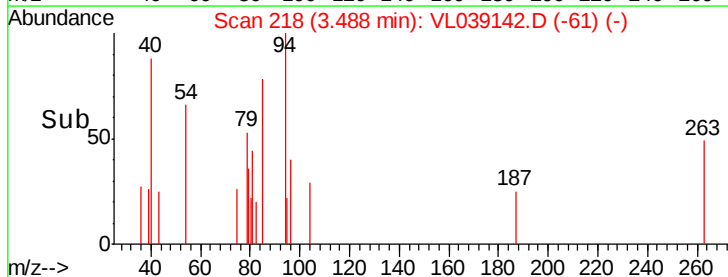
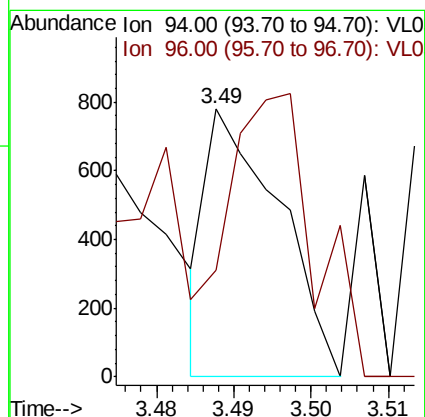
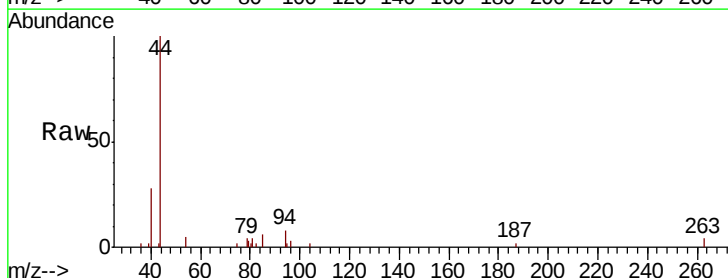
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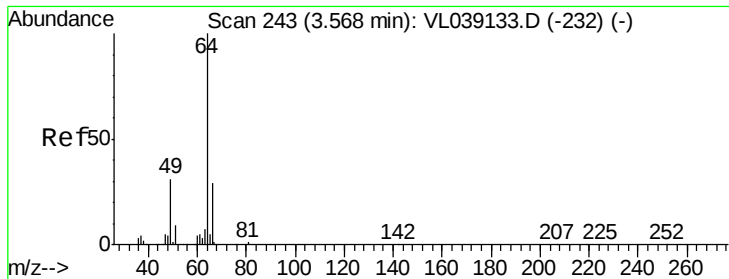
Tgt Ion: 94 Resp: 513

Ion Ratio Lower Upper

94 100

96 11.1 73.0 109.4#





#7

Chloroethane

Concen: 3.316 ppbv

RT: 3.56 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

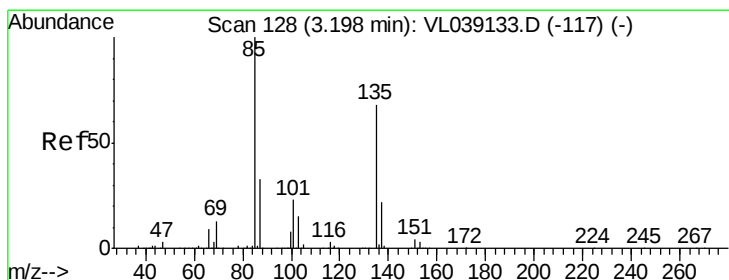
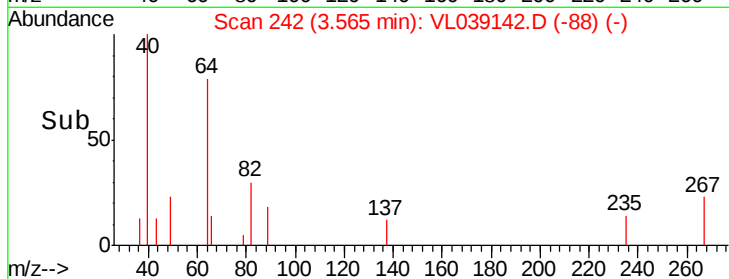
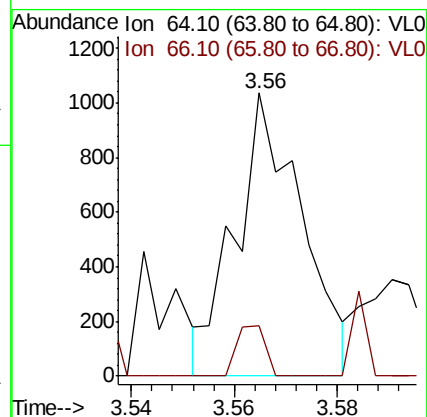
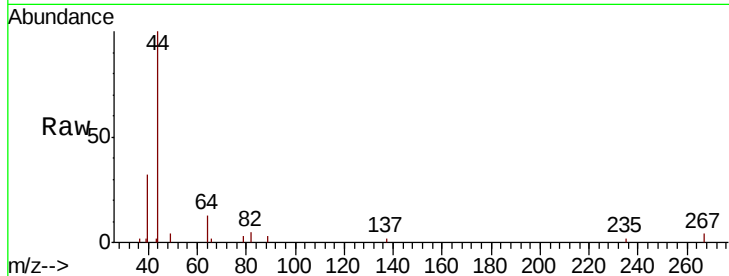
Acq: 1 Jun 2022 00:00

Tot Ion: 64 Resp: 919

Ion Ratio Lower Upper

64 100

66 17.9 23.6 35.4#



#8

Dichlorotetrafluoroethane

Concen: 0.363 ppbv

RT: 3.21 min Scan# 131

Delta R.T. 0.01 min

Lab File: VL039142.D

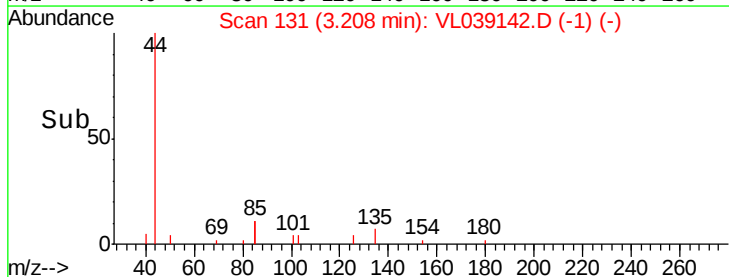
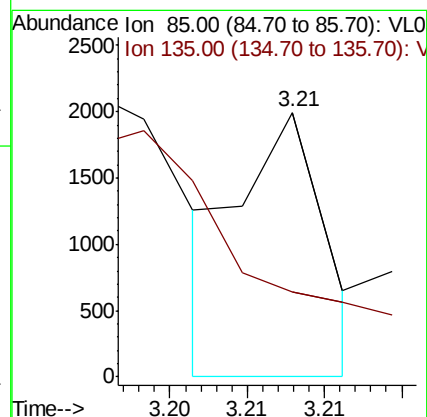
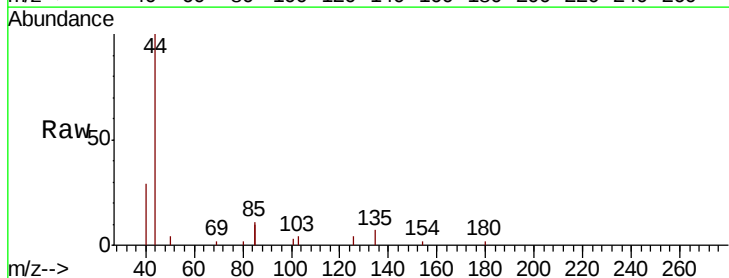
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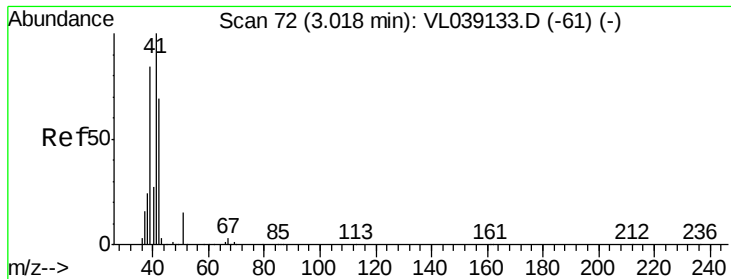
Tgt Ion: 85 Resp: 759

Ion Ratio Lower Upper

85 100

135 0.0 55.0 82.4#





#9

Propene

Concen: 1.865 ppbv

RT: 3.02 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

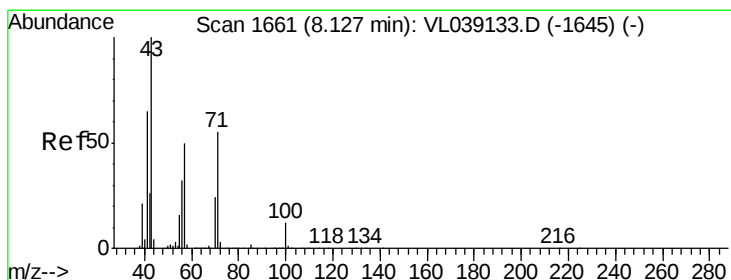
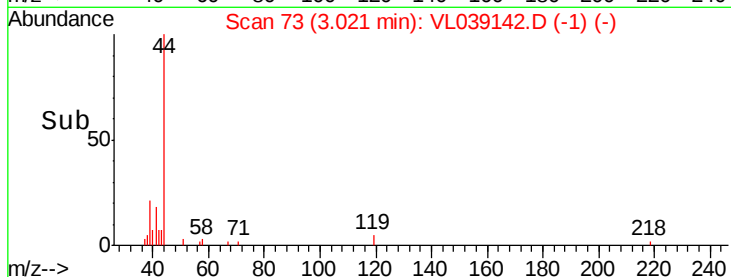
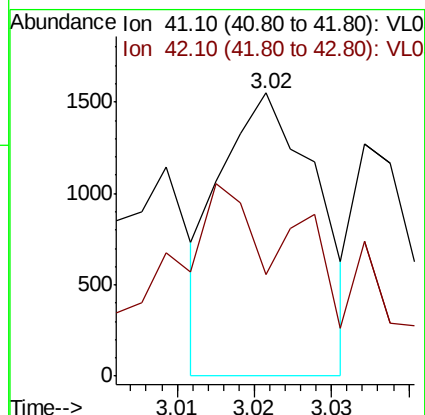
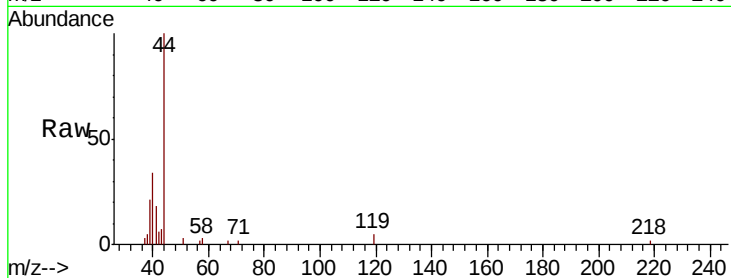
Acq: 1 Jun 2022 00:00

Tot Ion: 41 Resp: 1347

Ion Ratio Lower Upper

41 100

42 127.7 55.4 83.2#



#10

Heptane

Concen: 0.870 ppbv

RT: 8.13 min Scan# 1663

Delta R.T. 0.01 min

Lab File: VL039142.D

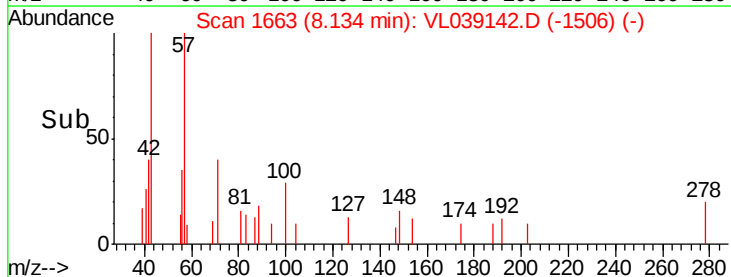
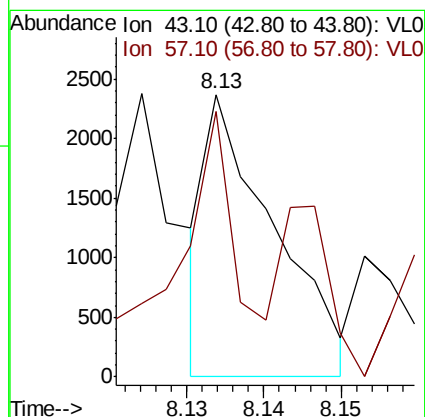
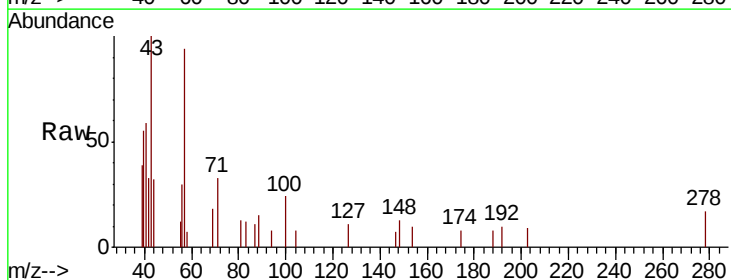
Acq: 1 Jun 2022 00:00

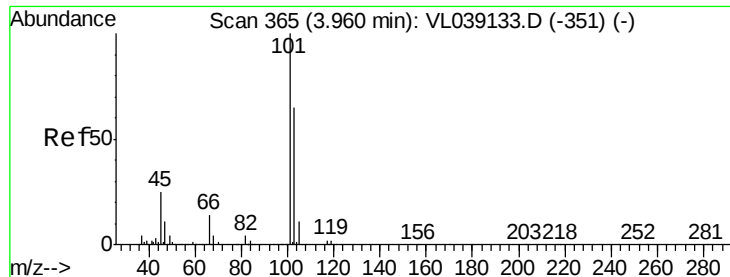
Tgt Ion: 43 Resp: 1465

Ion Ratio Lower Upper

43 100

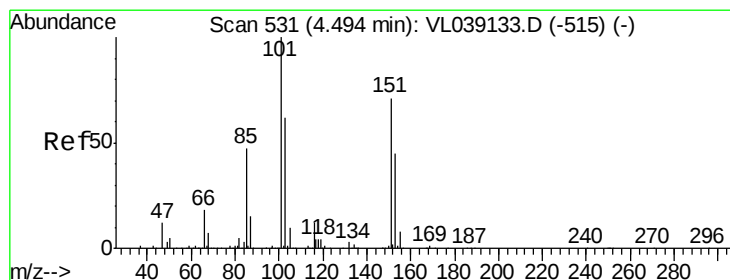
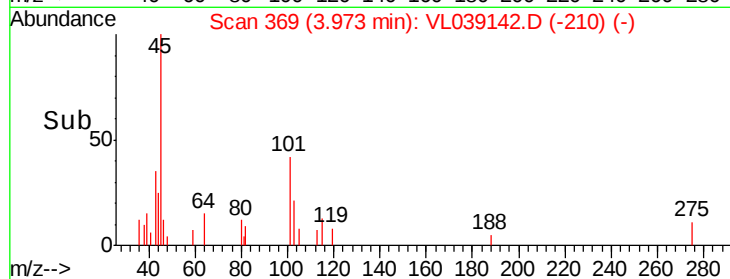
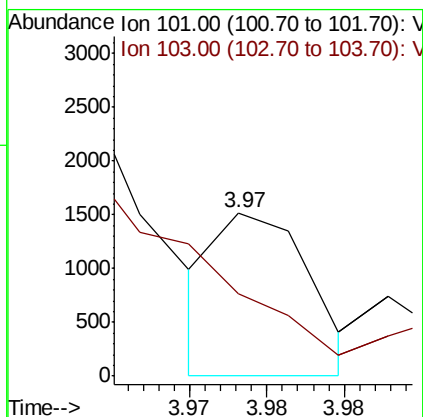
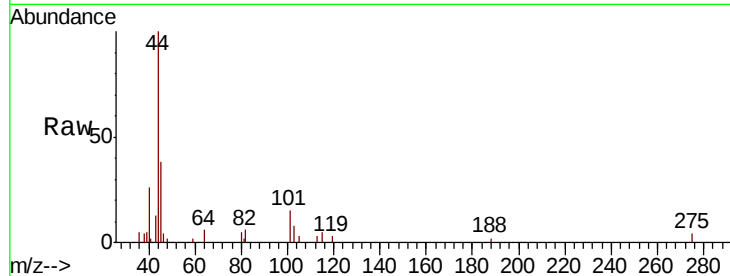
57 196.9 41.4 62.2#





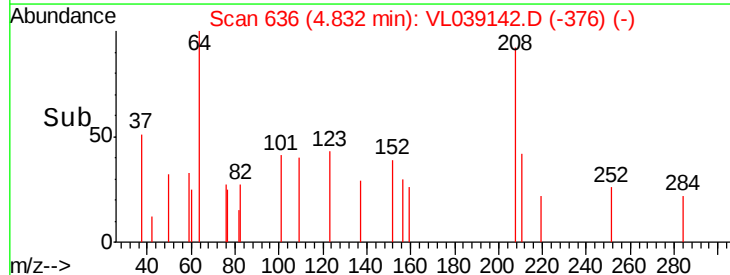
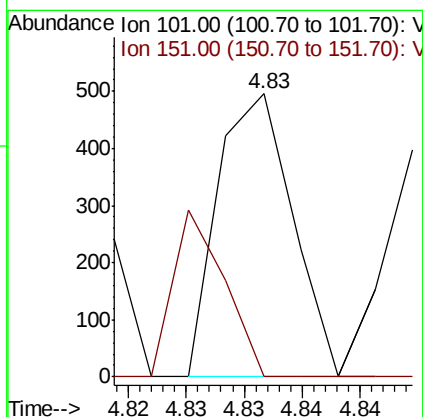
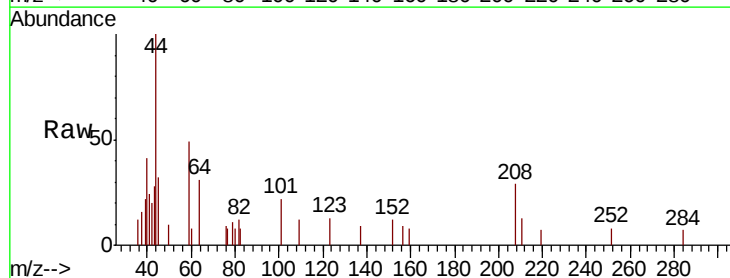
#11
 Trichlorofluoromethane
 Concen: 0.306 ppbv
 RT: 3.97 Instrument :
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 1 Jun 2022 00:00

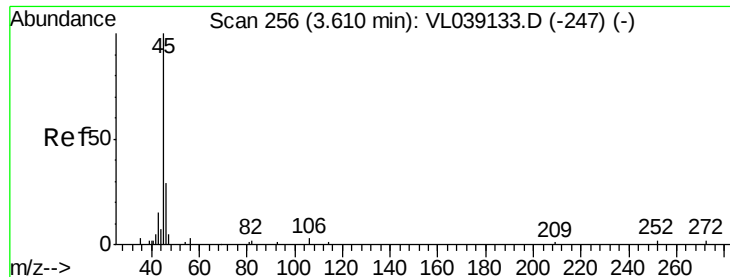
Tot Ion:101 Resp: 633
 Ion Ratio Lower Upper
 101 100
 103 51.9 51.7 77.5



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.161 ppbv
 RT: 4.83 min Scan# 636
 Delta R.T. 0.34 min
 Lab File: VL039142.D
 Acq: 1 Jun 2022 00:00

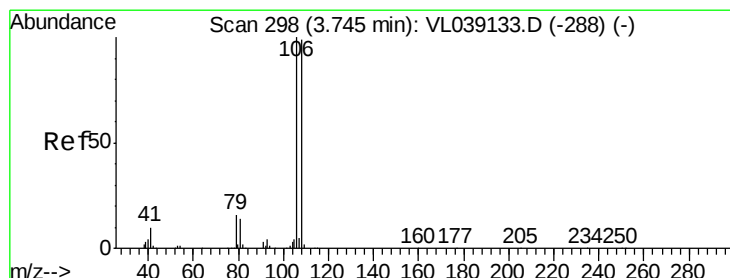
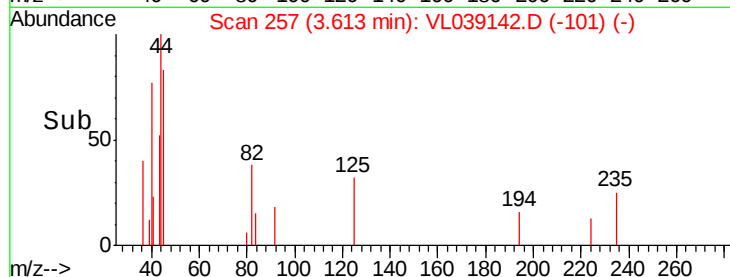
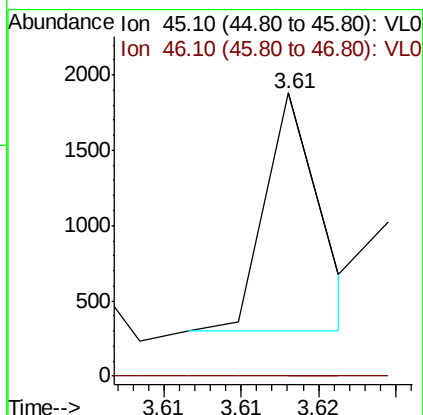
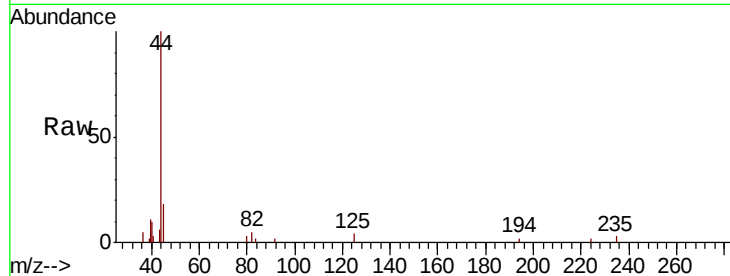
Tgt Ion:101 Resp: 220
 Ion Ratio Lower Upper
 101 100
 151 79.1 59.4 89.0





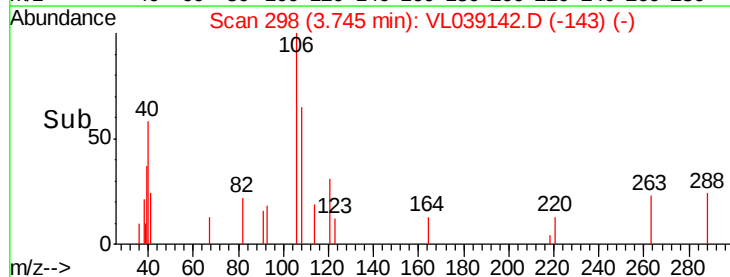
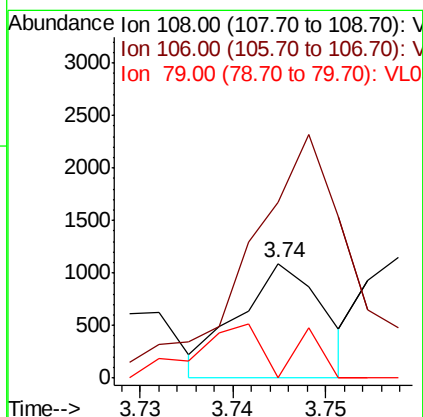
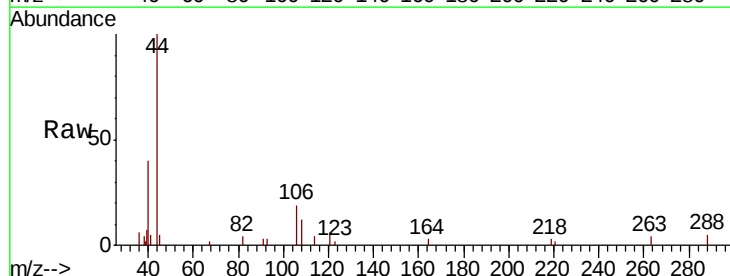
#13
Ethanol
Concen: 9.877 ppbv
RT: 3.61
Delta R.T. MSVOA_L
Lab File: ClientSampleId:
Acq: 1 Jun 2022 00:00

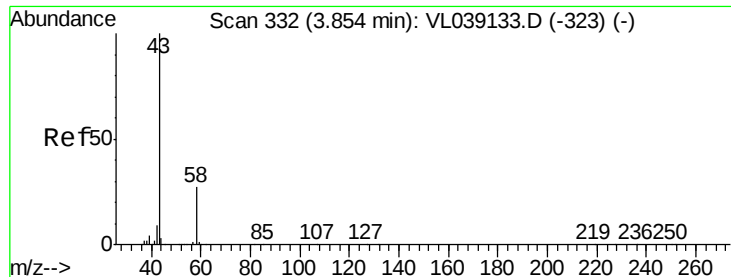
Tot Ion: 45 Resp: 389
Ion Ratio Lower Upper
45 100
46 0.0 0.0 0.0



#14
Bromoethene
Concen: 1.115 ppbv
RT: 3.74 min Scan# 298
Delta R.T. -0.00 min
Lab File: VL039142.D
Acq: 1 Jun 2022 00:00

Tgt Ion: 108 Resp: 686
Ion Ratio Lower Upper
108 100
106 332.4 88.4 132.6#
79 49.9 13.4 20.2#





#15

Acetone

Concen: 0.145 ppbv

RT: 3.84 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

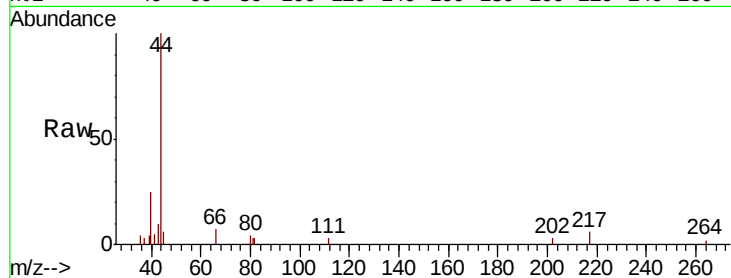
Acq: 1 Jun 2022 00:00

Tot Ion: 43 Resp: 197

Ion Ratio Lower Upper

43 100

58 0.0 22.5 33.7#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

3.84

800

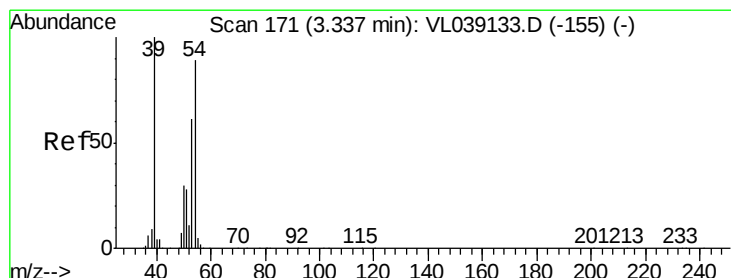
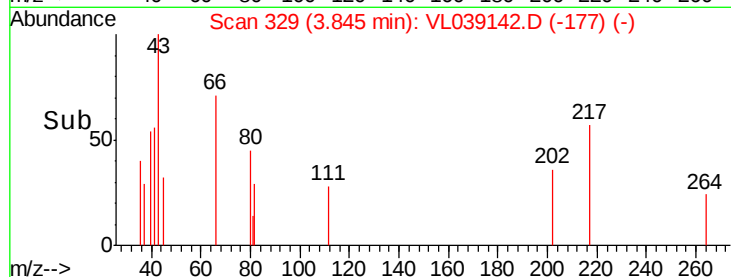
600

400

200

0

Time-->



#16

1,3-Butadiene

Concen: 0.648 ppbv

RT: 3.34 min Scan# 172

Delta R.T. 0.00 min

Lab File: VL039142.D

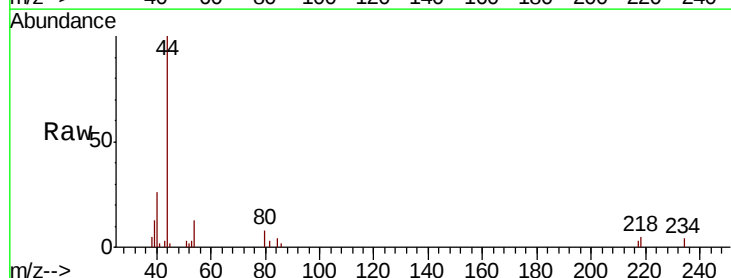
Acq: 1 Jun 2022 00:00

Tgt Ion: 39 Resp: 472

Ion Ratio Lower Upper

39 100

54 0.0 65.8 98.6#



Abundance Ion 39.10 (38.80 to 39.80): VL0

Ion 54.10 (53.80 to 54.80): VL0

2000

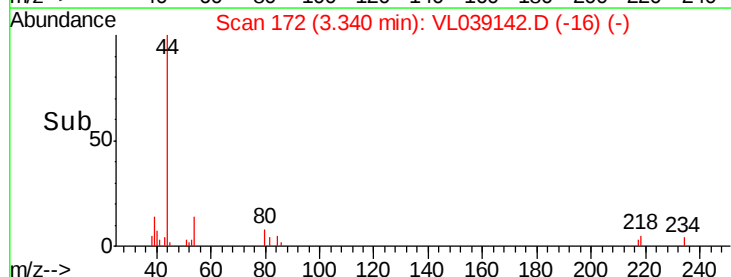
1500

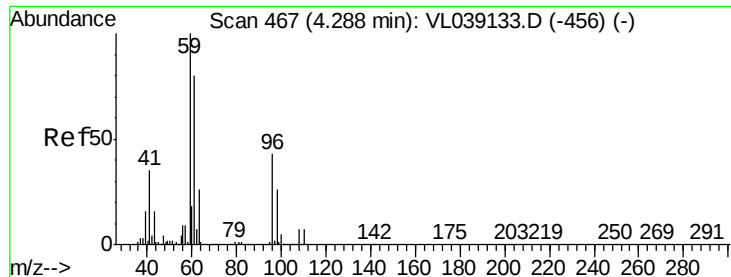
1000

500

0

Time-->





#17

tert-Butyl alcohol

Concen: 41.365 ppbv

RT: 4.31 Instrument:

Delta R.T. MSVOA.L

Lab File: ClientSampleId:

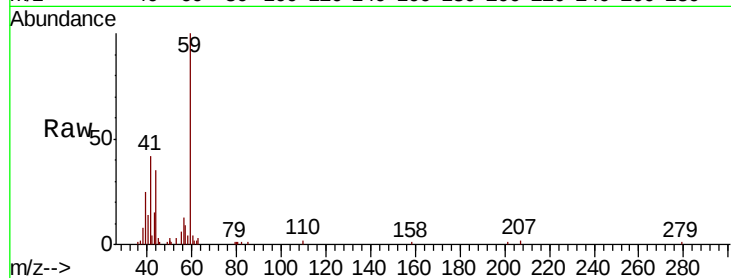
Acq: 1 Jun 2022 00:00

Tot Ion: 59 Resp: 43506

Ion Ratio Lower Upper

59 100

57 12.8 9.1 13.7



Abundance Ion 59.10 (58.80 to 59.80): VL0

Ion 57.10 (56.80 to 57.80): VL0

4.31

25000

20000

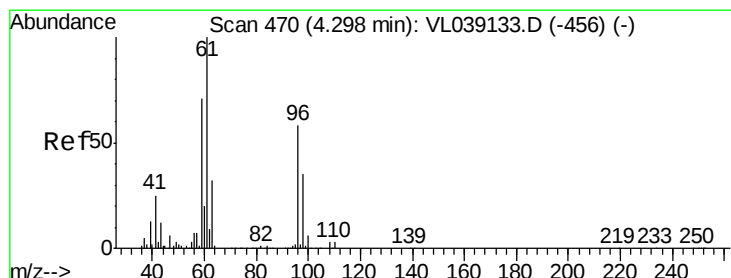
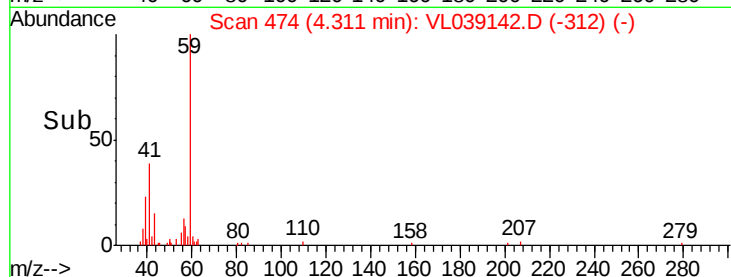
15000

10000

5000

0

Time--> 4.25 4.30 4.35



#18

1,1-Dichloroethene

Concen: 0.674 ppbv

RT: 4.30 min Scan# 470

Delta R.T. -0.00 min

Lab File: VL039142.D

Acq: 1 Jun 2022 00:00

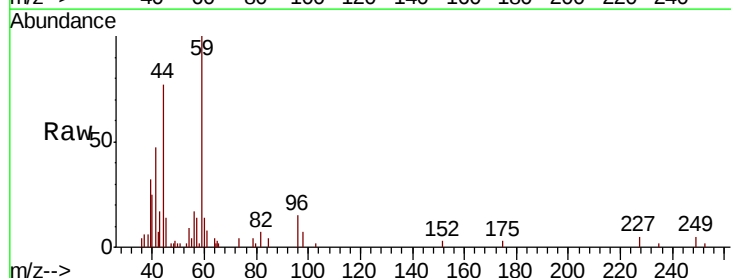
Tgt Ion: 96 Resp: 414

Ion Ratio Lower Upper

96 100

61 0.0 138.4 207.6#

98 45.3 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

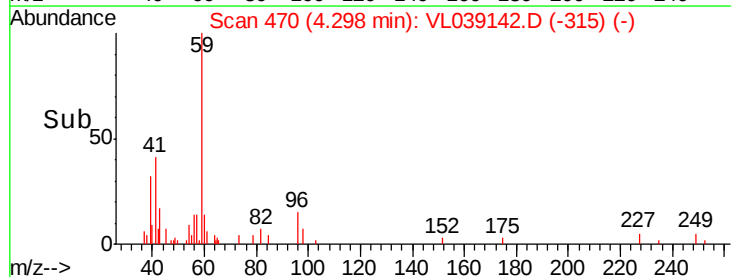
1500

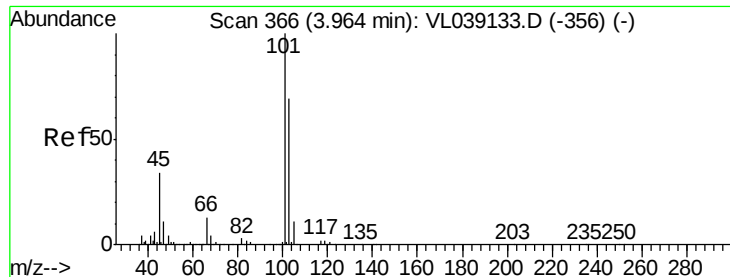
1000

500

0

Time--> 4.29 4.29 4.30





#19

Isopropyl Alcohol

Concen: 0.316 ppbv

RT: 3.96 min

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

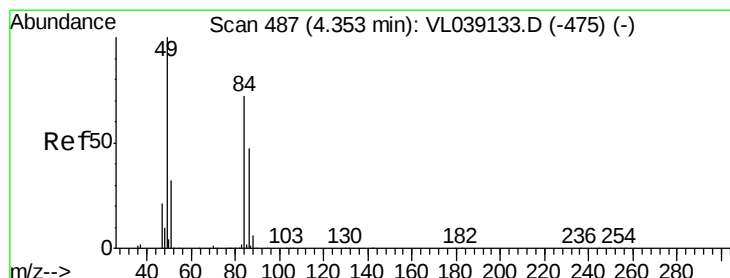
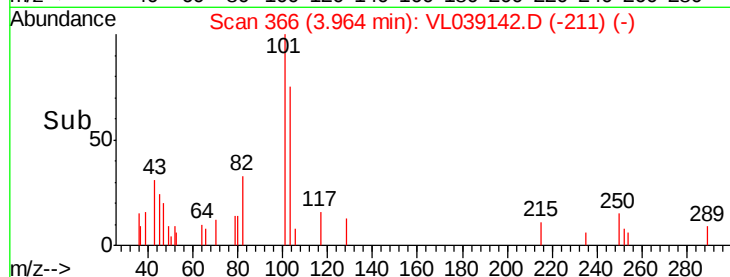
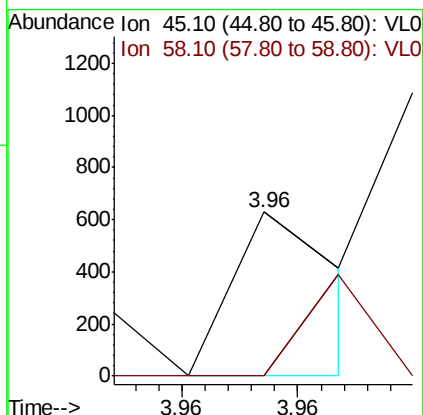
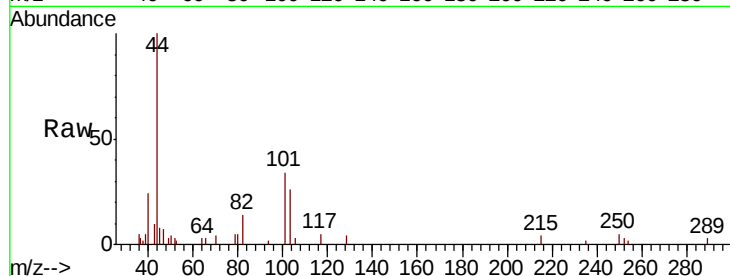
Acq: 1 Jun 2022 00:00

Tot Ion: 45 Resp: 201

Ion Ratio Lower Upper

45 100

58 0.0 1.8 2.8#



#20

Methylene Chloride

Concen: 1.516 ppbv

RT: 4.36 min Scan# 488

Delta R.T. 0.00 min

Lab File: VL039142.D

Acq: 1 Jun 2022 00:00

Tgt Ion: 84 Resp: 866

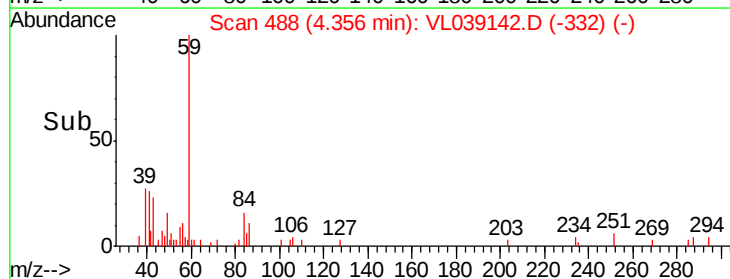
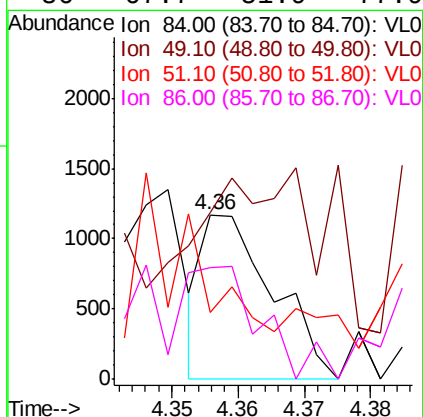
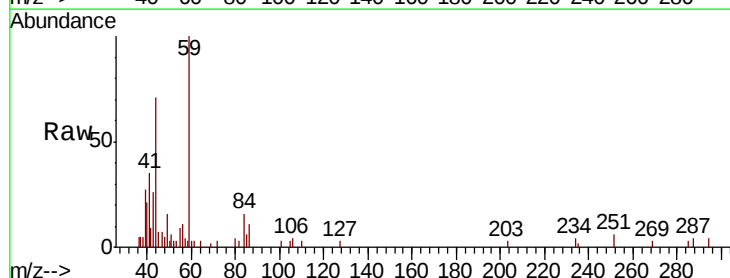
Ion Ratio Lower Upper

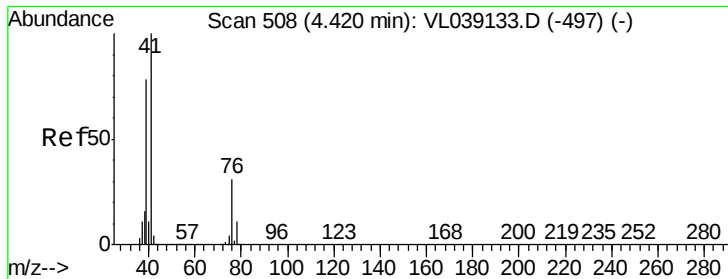
84 100

49 20.3 111.1 166.7#

51 0.0 35.3 52.9#

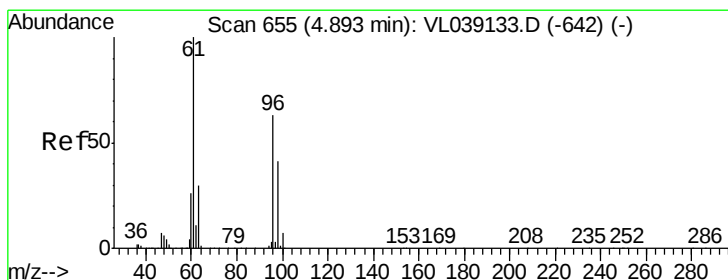
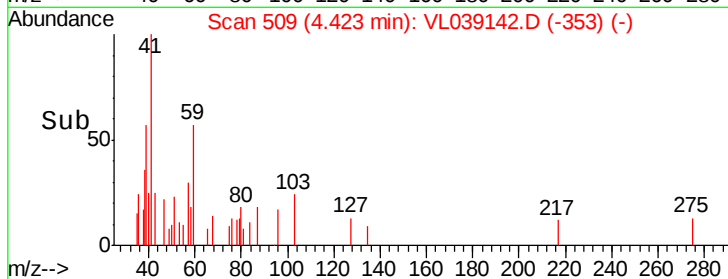
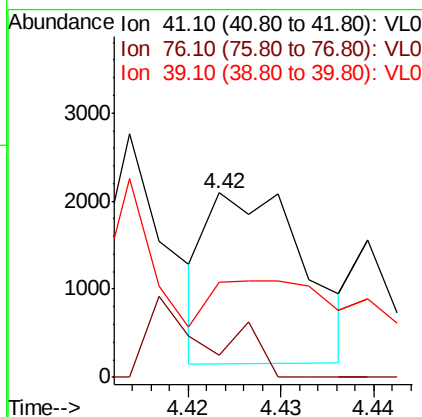
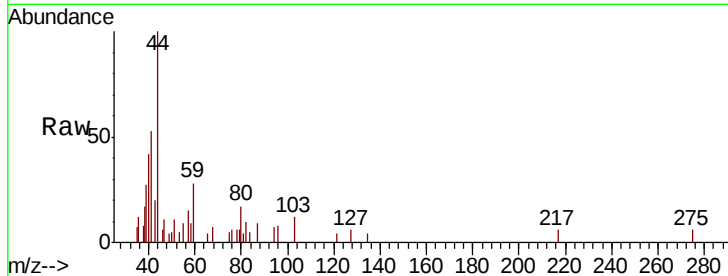
86 67.7 51.9 77.9





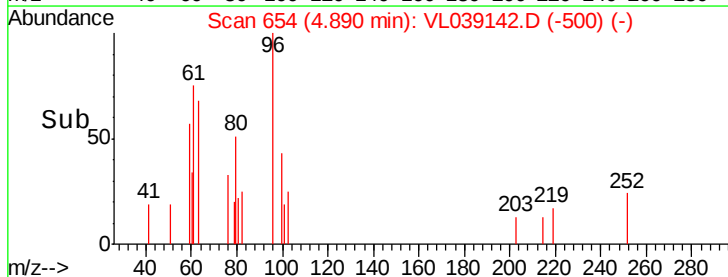
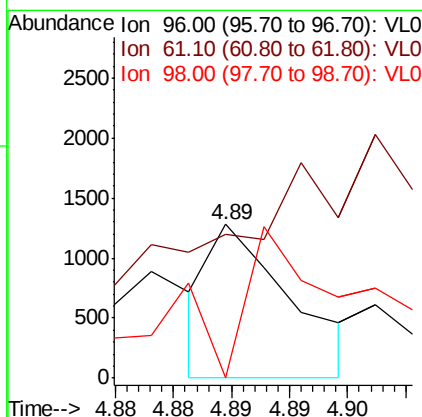
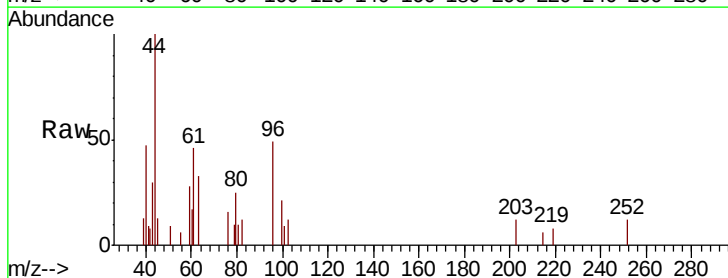
#21
Allvl Chloride
Concen: 1.544 ppbv
RT: 4.42
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 1 Jun 2022 00:00

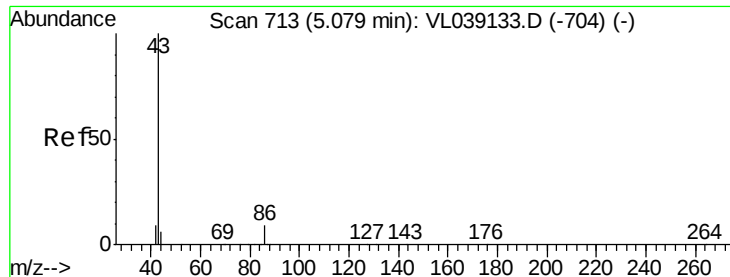
Tot Ion	41	Resp	1412
Ion Ratio	100		
Lower	24.2		
Upper	36.2#		
76	0.0		
39	0.0		
	62.2		93.2#



#22
trans-1,2-Dichloroethene
Concen: 1.046 ppbv
RT: 4.89 min Scan# 654
Delta R.T. -0.00 min
Lab File: VL039142.D
Acq: 1 Jun 2022 00:00

Tgt Ion	96	Resp	618
Ion Ratio	100		
Lower	126.6		
Upper	190.0#		
61	18.2		
98	0.0		
	52.5		78.7#





#23

Vinyl Acetate

Concen: 0.518 ppbv

RT: 5.08 Instrument:

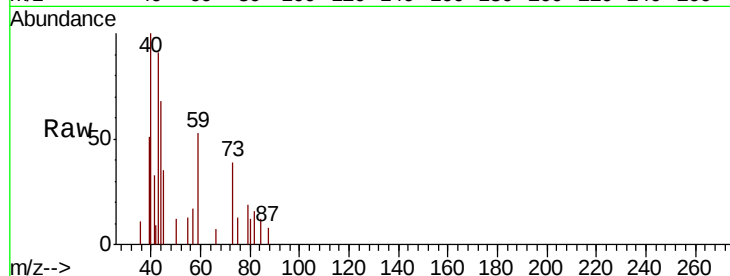
Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 1 Jun 2022 00:00

Tot Ion: 43 Resp: 581

Ion	Ratio	Lower	Upper
43	100		
86	0.0	6.0	9.0#
42	0.0	8.2	12.4#
44	3.9	4.3	6.5#

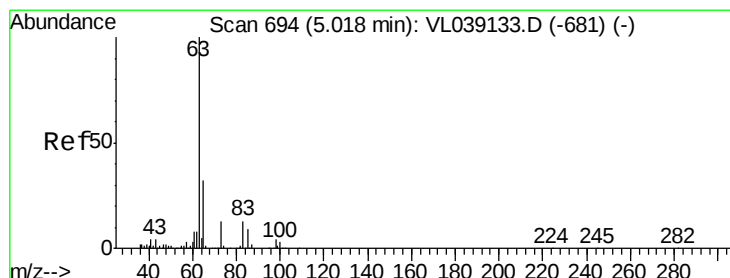
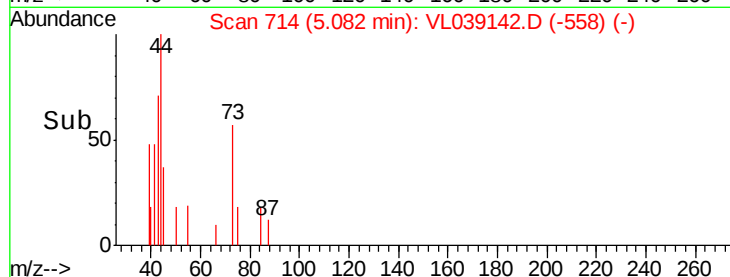
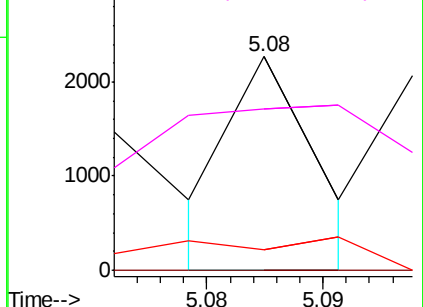


Abundance Ion 43.10 (42.80 to 43.80): VL0

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: 0.297 ppbv

RT: 5.02 min Scan# 695

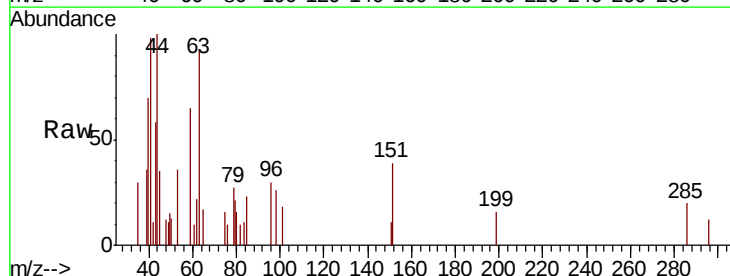
Delta R.T. 0.00 min

Lab File: VL039142.D

Acq: 1 Jun 2022 00:00

Tgt Ion: 63 Resp: 456

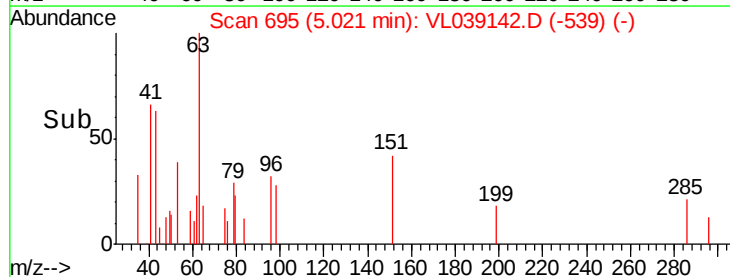
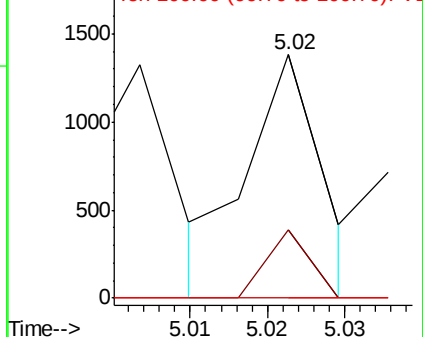
Ion	Ratio	Lower	Upper
63	100		
98	40.2	2.1	6.2#
100	0.0	1.5	4.5#

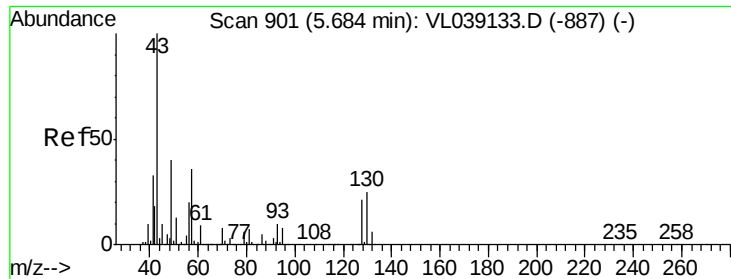


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

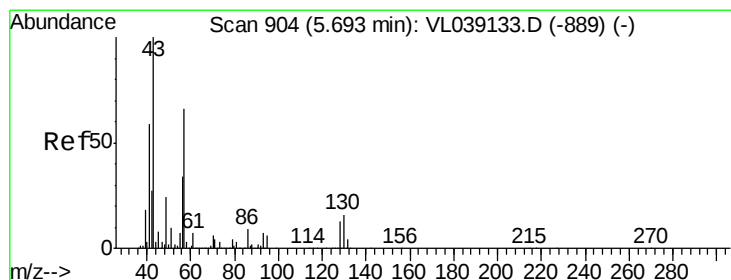
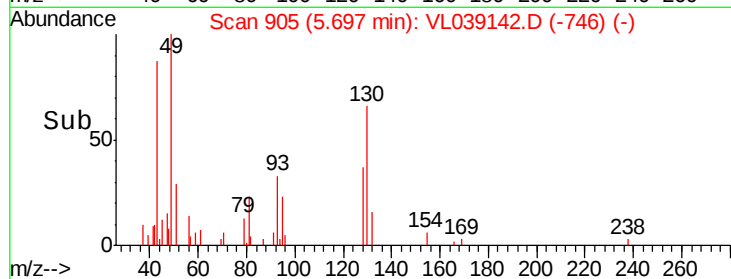
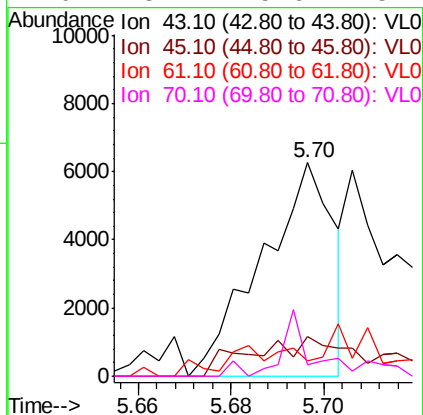
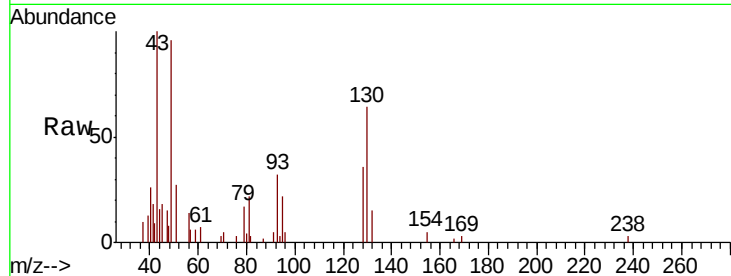
Ion 100.00 (99.70 to 100.70): VL0





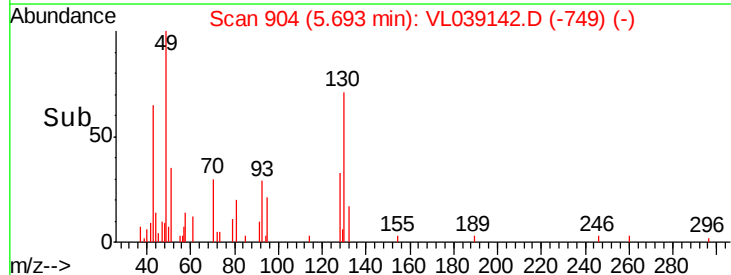
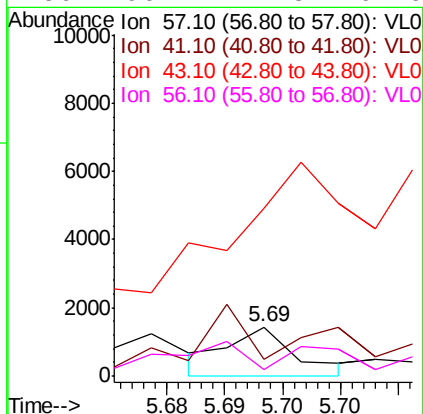
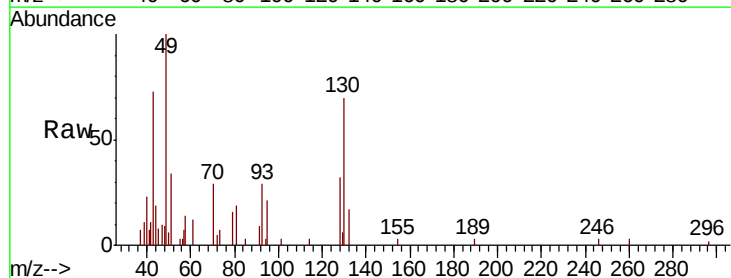
#25
Ethyl Acetate
Concen: 2.202 ppbv
RT: 5.70
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 1 Jun 2022 00:00

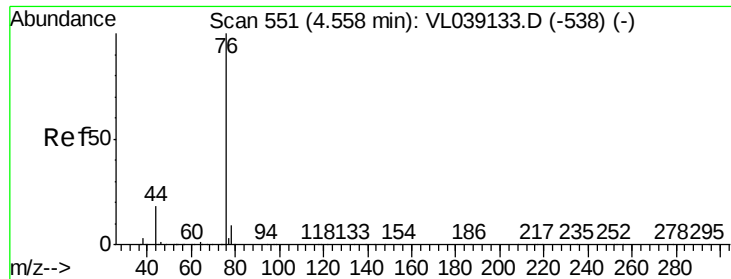
Tot Ion:	43	Resp:	6731
Ion	Ratio	Lower	Upper
43	100		
45	38.2	8.2	12.2#
61	0.0	8.4	12.6#
70	18.1	5.6	8.4#



#26
Hexane
Concen: 0.434 ppbv
RT: 5.69 min Scan# 904
Delta R.T.: -0.00 min
Lab File: VL039142.D
Acq: 1 Jun 2022 00:00

Tgt Ion:	57	Resp:	583
Ion	Ratio	Lower	Upper
57	100		
41	425.0	72.4	108.6#
43	2534.3	187.0	280.6#
56	196.4	41.8	62.6#





#27

Carbon Disulfide

Concen: 0.907 ppbv

RT: 4.56 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 1 Jun 2022 00:00

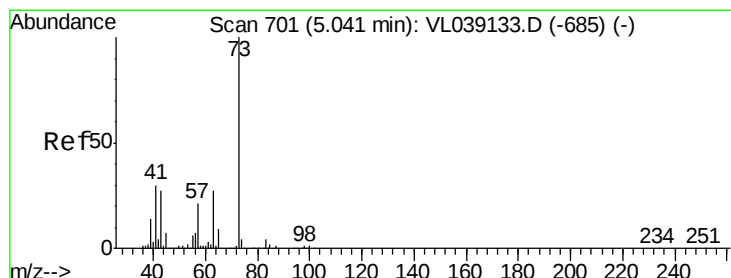
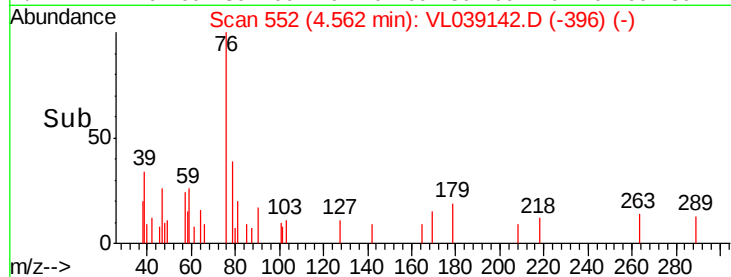
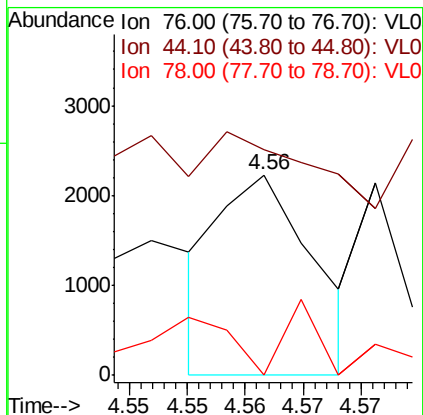
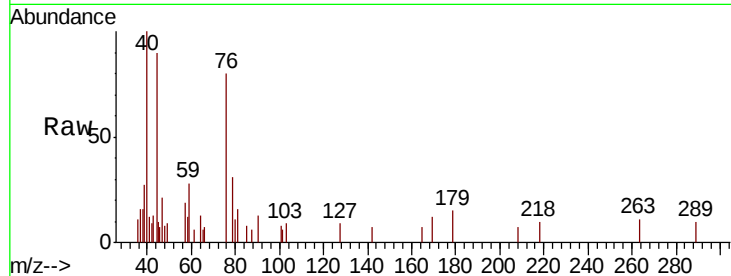
Tot Ion: 76 Resp: 1262

Ion Ratio Lower Upper

76 100

44 247.2 14.4 21.6#

78 55.7 7.7 11.5#



#28

Methyl tert-Butyl Ether

Concen: 0.560 ppbv

RT: 5.05 min Scan# 703

Delta R.T. 0.01 min

Lab File: VL039142.D

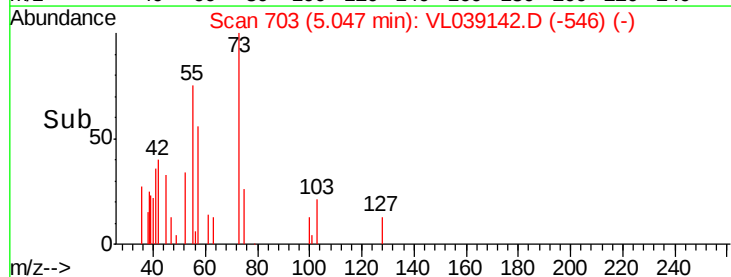
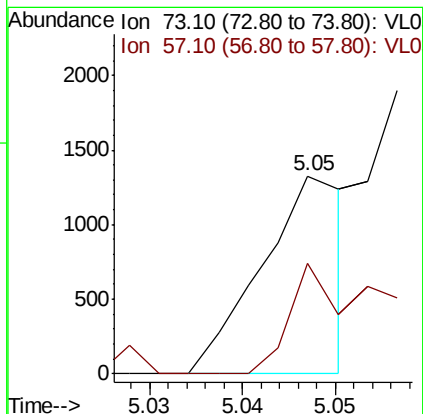
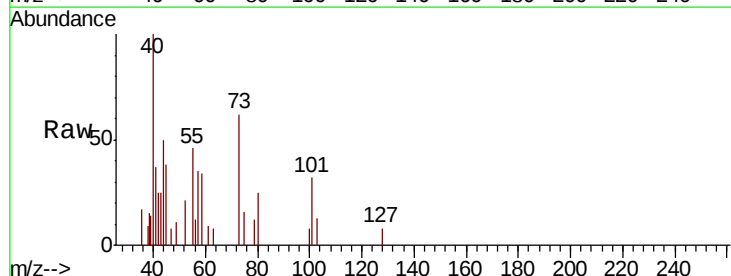
Acq: 1 Jun 2022 00:00

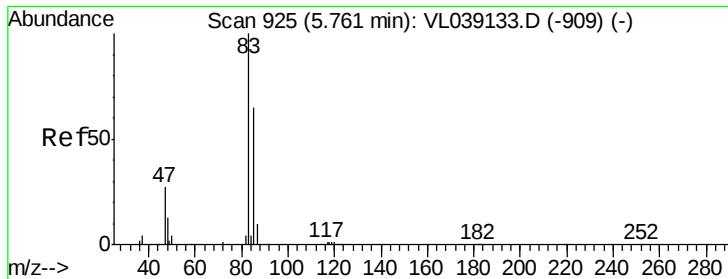
Tgt Ion: 73 Resp: 830

Ion Ratio Lower Upper

73 100

57 37.1 18.6 27.8#





#29

Chloroform

Concen: 0.356 ppbv

RT: 5.74 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

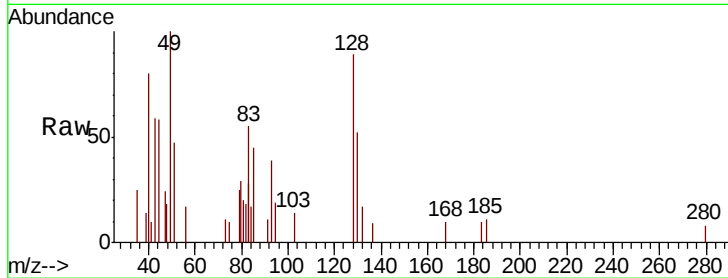
Acq: 1 Jun 2022 00:00

Tot Ion: 83 Resp: 804

Ion Ratio Lower Upper

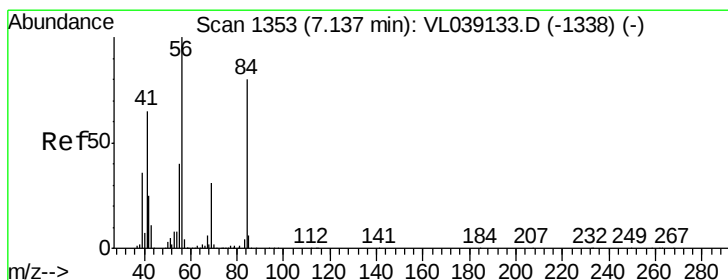
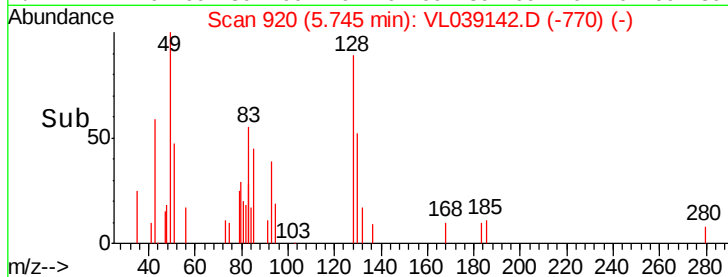
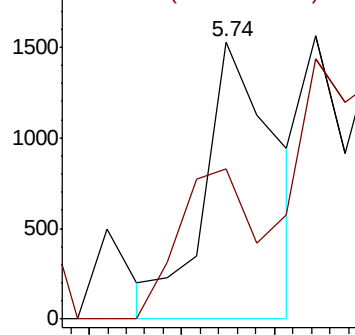
83 100

85 62.1 52.4 78.6



Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0



#30

Cyclohexane

Concen: 0.310 ppbv

RT: 7.14 min Scan# 1355

Delta R.T. 0.01 min

Lab File: VL039142.D

Acq: 1 Jun 2022 00:00

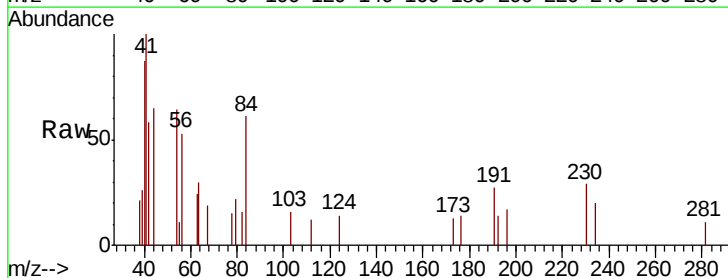
Tgt Ion: 84 Resp: 350

Ion Ratio Lower Upper

84 100

56 0.0 110.6 165.8#

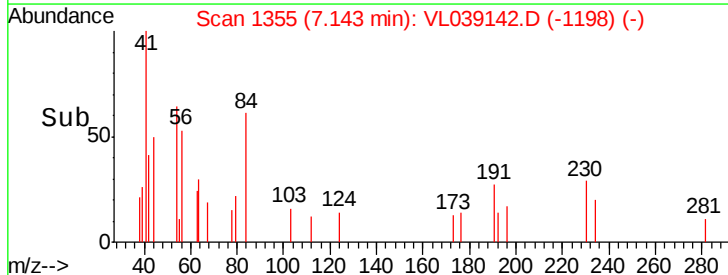
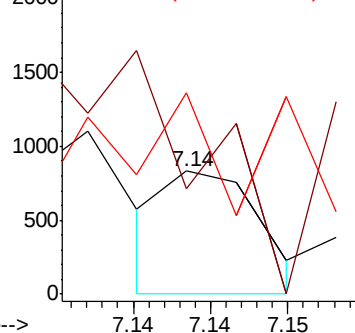
41 0.0 68.9 103.3#

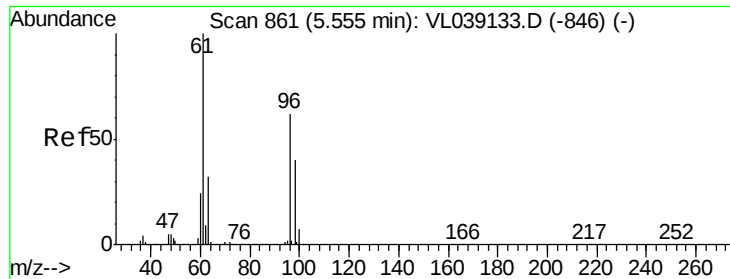


Abundance Ion 84.20 (83.90 to 84.90): VL0

Ion 56.10 (55.80 to 56.80): VL0

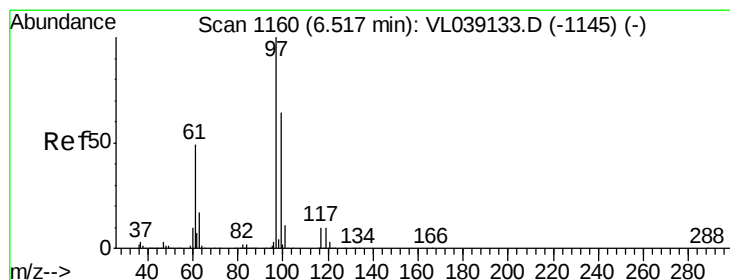
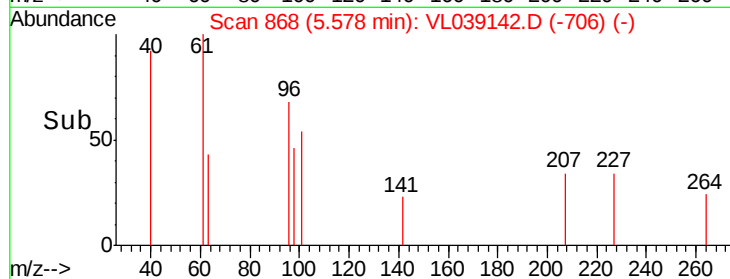
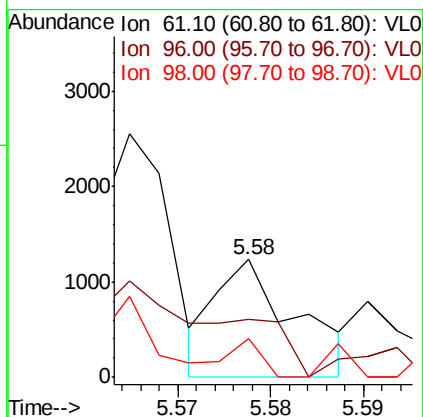
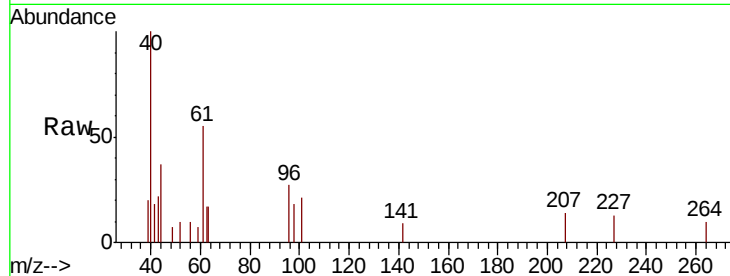
Ion 41.10 (40.80 to 41.80): VL0





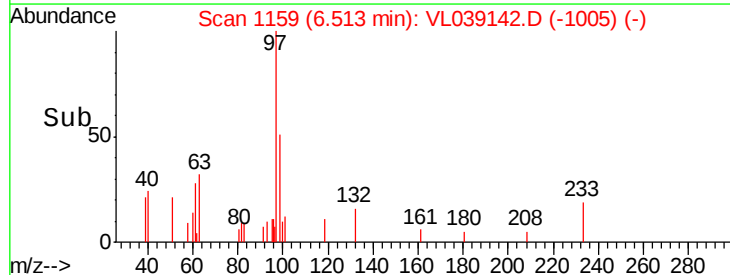
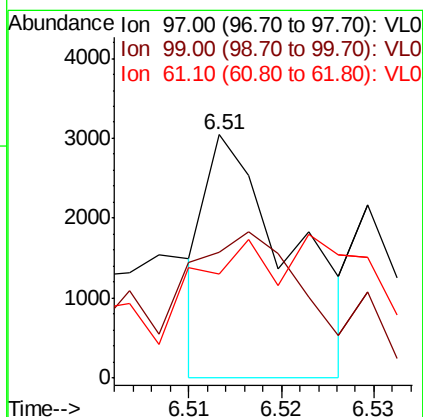
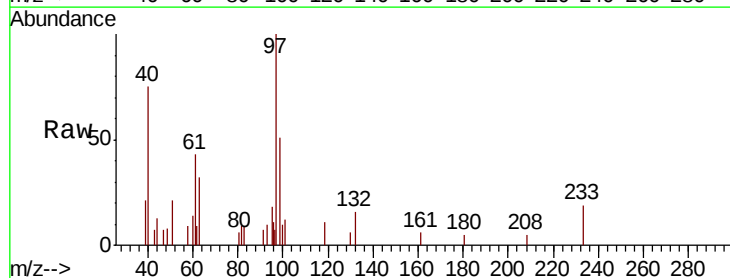
#31
 cis-1,2-Dichloroethene
 Concen: 0.542 ppbv
 RT: 5.58
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 1 Jun 2022 00:00

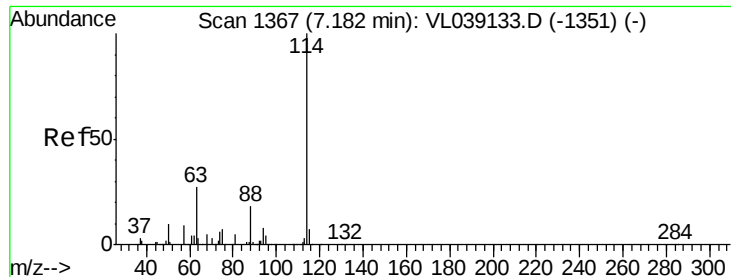
Tot Ion:	61	Resp:	742
Ion	Ratio	Lower	Upper
61	100		
96	57.6	49.9	74.9
98	35.3	32.0	48.0



#32
 1,1,1-Trichloroethane
 Concen: 0.877 ppbv
 RT: 6.51 min Scan# 1159
 Delta R.T.: -0.00 min
 Lab File: VL039142.D
 Acq: 1 Jun 2022 00:00

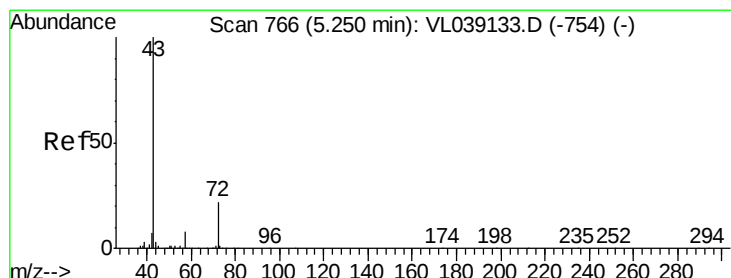
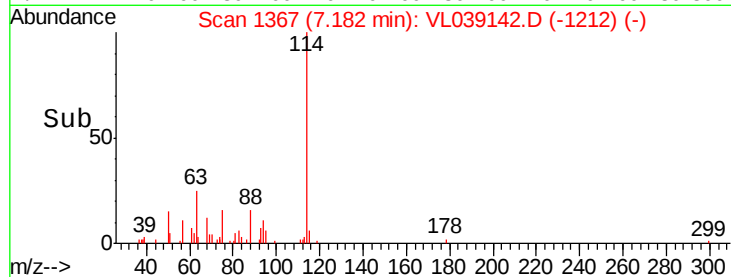
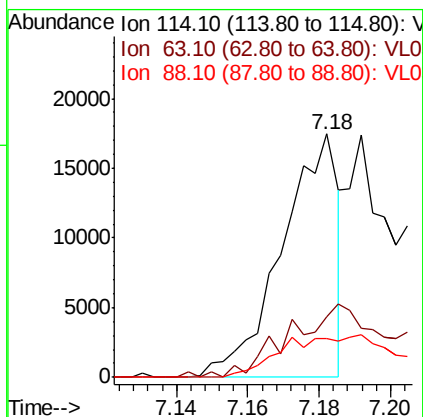
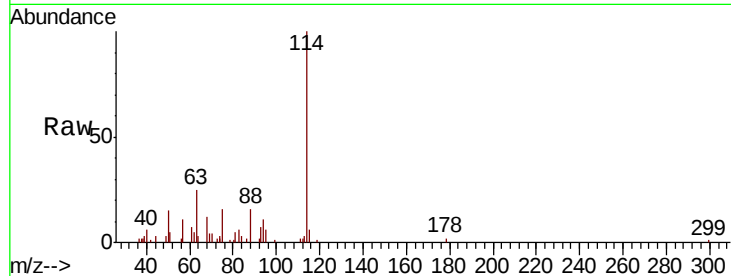
Tgt Ion:	97	Resp:	1939
Ion	Ratio	Lower	Upper
97	100		
99	178.7	52.1	78.1#
61	0.0	40.0	60.0#





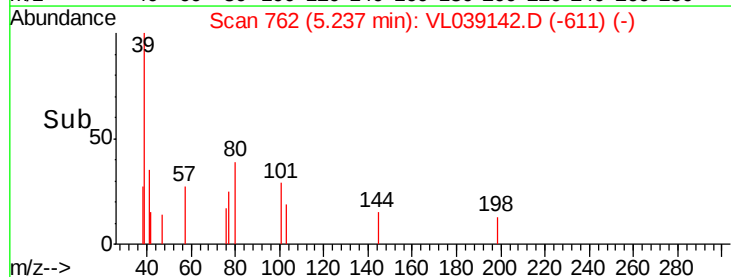
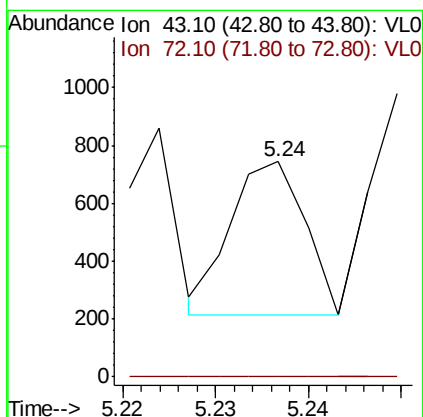
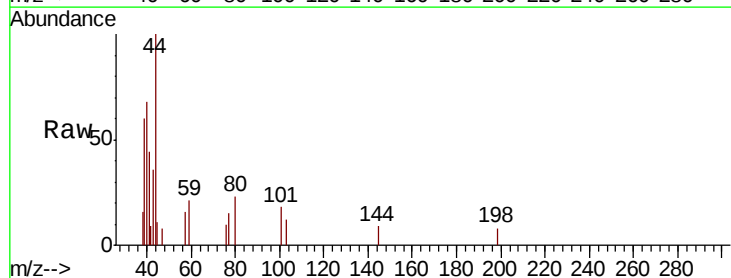
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 1 Jun 2022 00:00

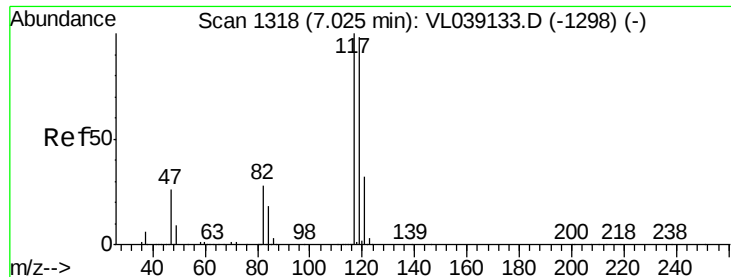
Tot Ion:114 Resp: 19066
 Ion Ratio Lower Upper
 114 100
 63 67.9 21.7 32.5#
 88 0.0 14.8 22.2#



#34
 2-Butanone
 Concen: 0.285 ppbv
 RT: 5.24 min Scan# 762
 Delta R.T. -0.01 min
 Lab File: VL039142.D
 Acq: 1 Jun 2022 00:00

Tgt Ion: 43 Resp: 295
 Ion Ratio Lower Upper
 43 100
 72 0.0 18.2 27.2#





#35

Carbon Tetrachloride

Concen: 0.764 ppbv

RT: 7.02 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 1 Jun 2022 00:00

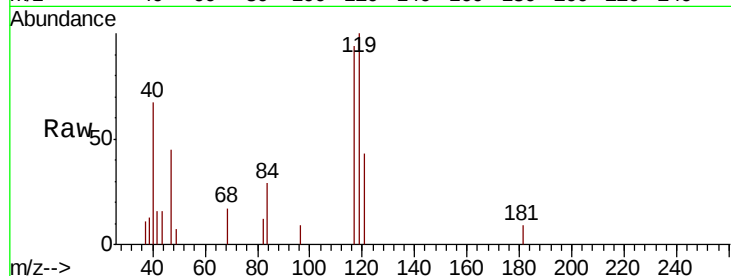
Tot Ion:117 Resp: 1063

Ion Ratio Lower Upper

117 100

119 57.9 78.6 118.0#

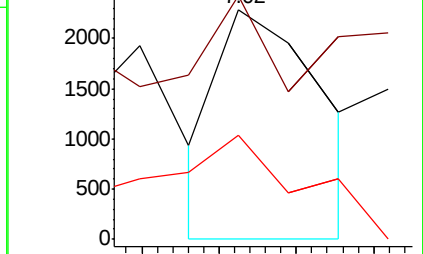
121 31.8 25.4 38.0



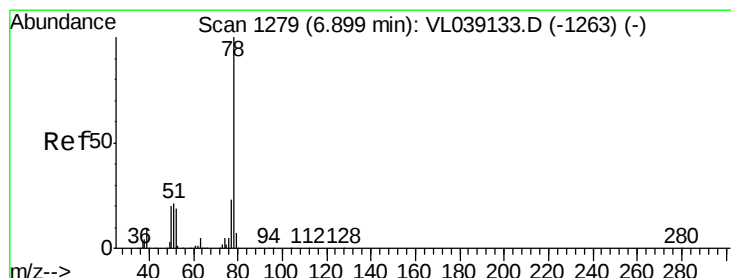
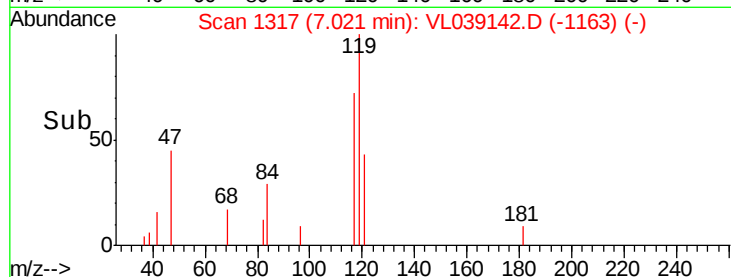
Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



Time-->



#36

Benzene

Concen: 0.729 ppbv

RT: 6.90 min Scan# 1278

Delta R.T. -0.00 min

Lab File: VL039142.D

Acq: 1 Jun 2022 00:00

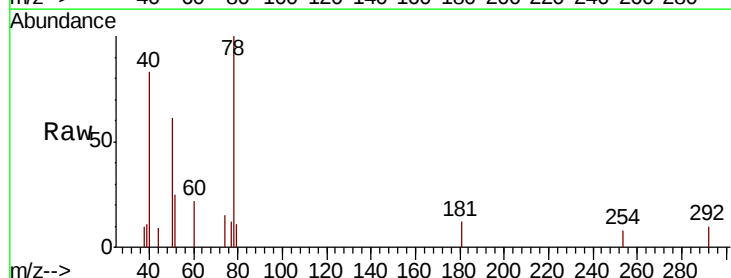
Tgt Ion: 78 Resp: 1129

Ion Ratio Lower Upper

78 100

77 24.1 18.6 27.8

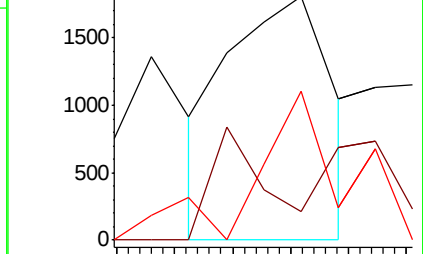
50 88.6 15.8 23.8#



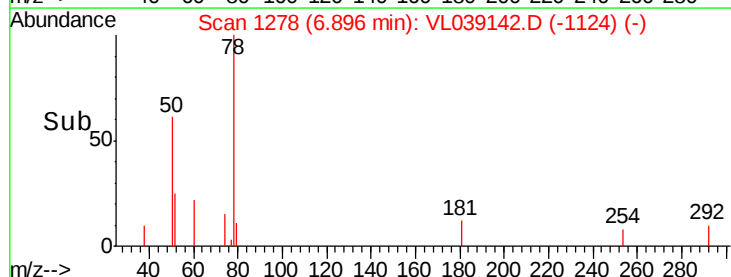
Abundance Ion 78.10 (77.80 to 78.80): VL0

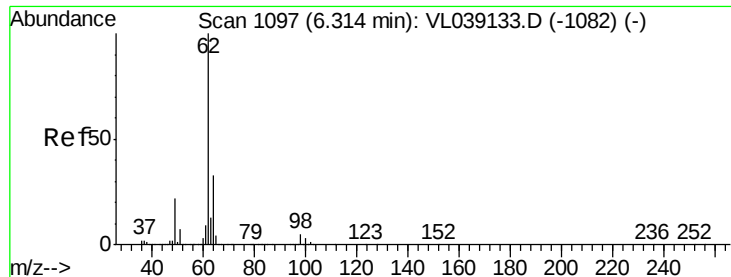
Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0



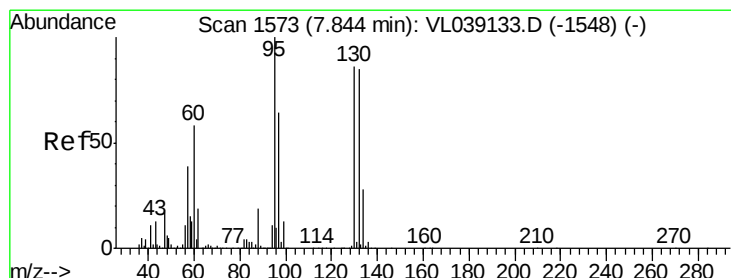
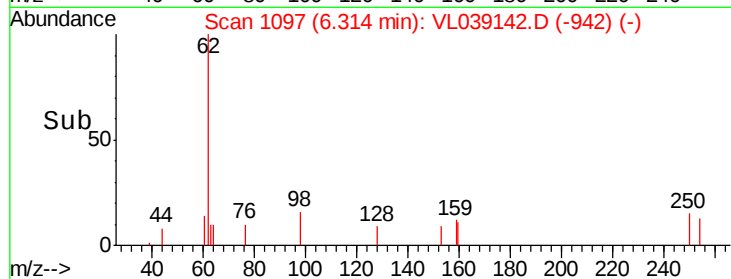
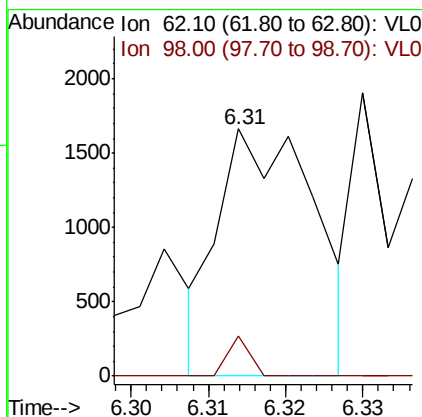
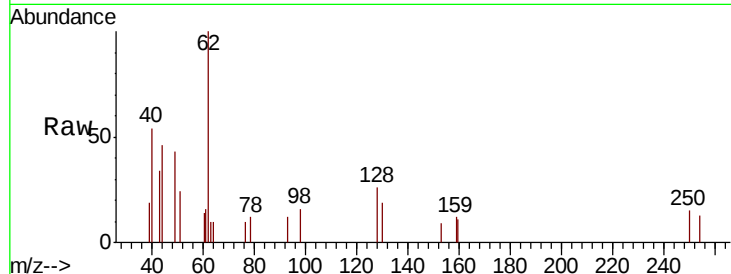
Time-->





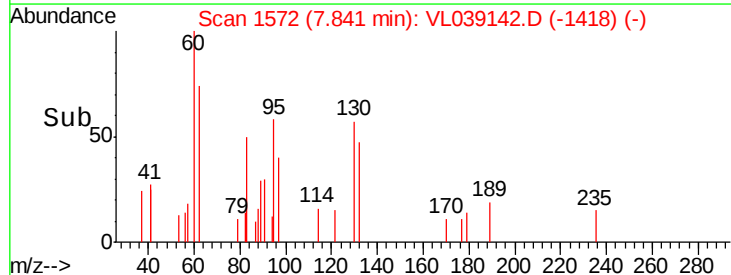
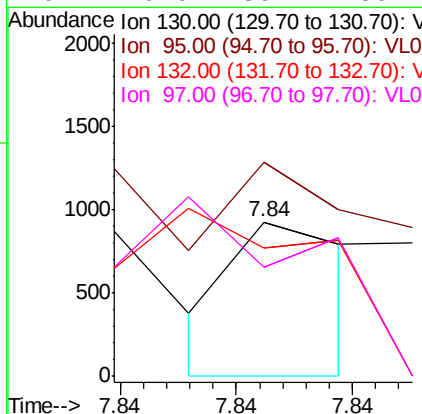
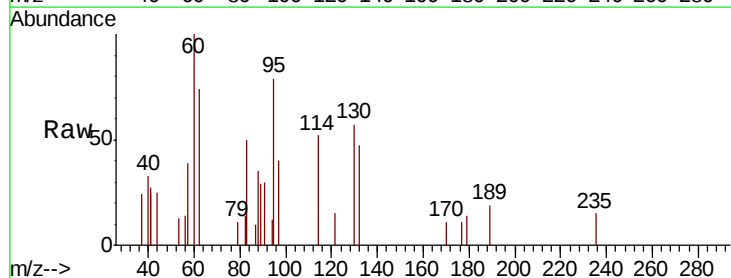
#37
 1,2-Dichloroethane
 Concen: 1.415 ppbv
 RT: 6.31 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 1 Jun 2022 00:00

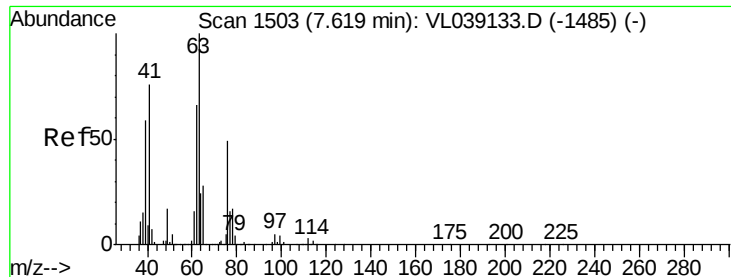
Tot Ion: 62 Resp: 1441
 Ion Ratio Lower Upper
 62 100
 98 3.6 4.3 6.5#



#38
 Trichloroethene
 Concen: 0.464 ppbv
 RT: 7.84 min Scan# 1572
 Delta R.T. -0.00 min
 Lab File: VL039142.D
 Acq: 1 Jun 2022 00:00

Tgt Ion: 130 Resp: 330
 Ion Ratio Lower Upper
 130 100
 95 96.5 93.3 139.9
 132 0.0 79.0 118.4#
 97 0.0 59.4 89.2#





#39

1,2-Dichloropropane

Concen: 1.580 ppbv

RT: 7.62 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 1 Jun 2022 00:00

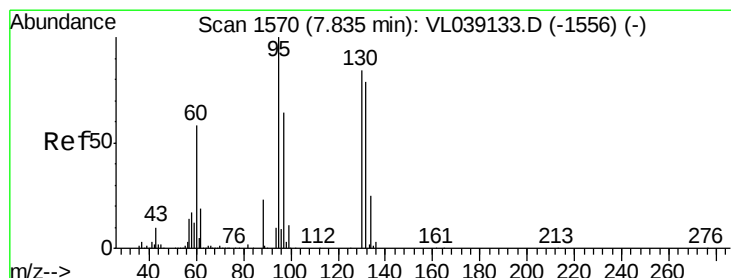
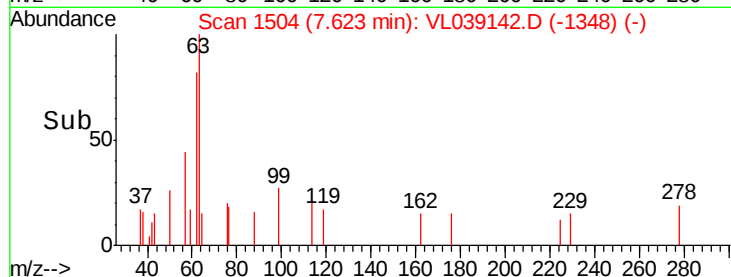
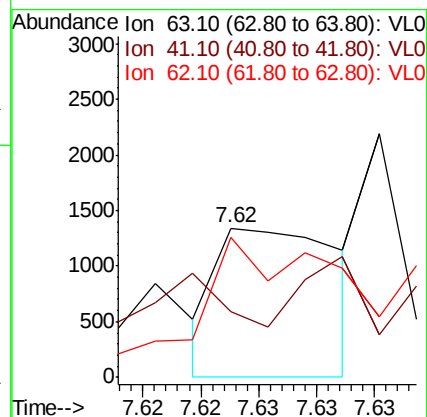
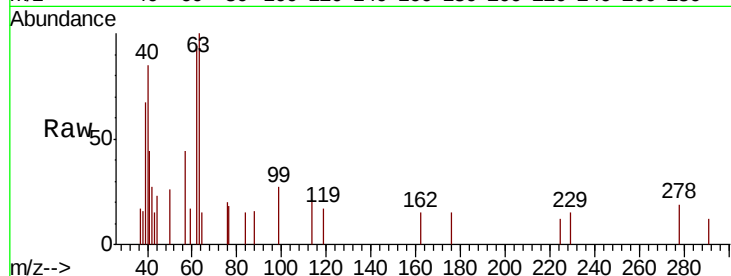
Tot Ion: 63 Resp: 973

Ion Ratio Lower Upper

63 100

41 0.0 60.8 91.2#

62 81.4 52.9 79.3#



#40

1,4-Dioxane

Concen: 0.538 ppbv

RT: 7.84 min Scan# 1572

Delta R.T. 0.01 min

Lab File: VL039142.D

Acq: 1 Jun 2022 00:00

Tgt Ion: 88 Resp: 109

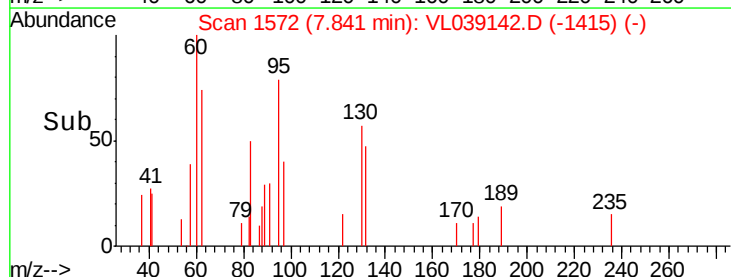
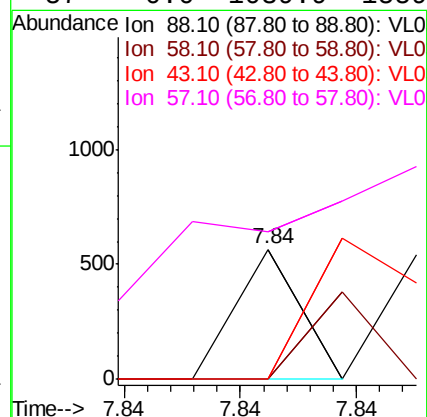
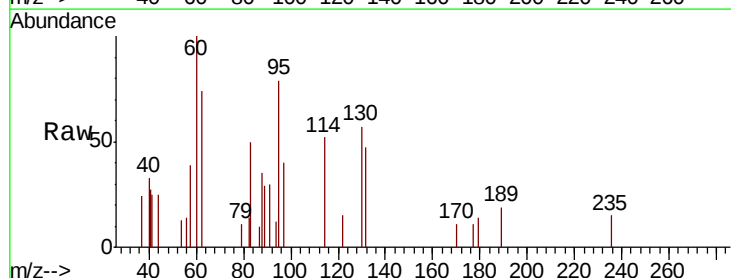
Ion Ratio Lower Upper

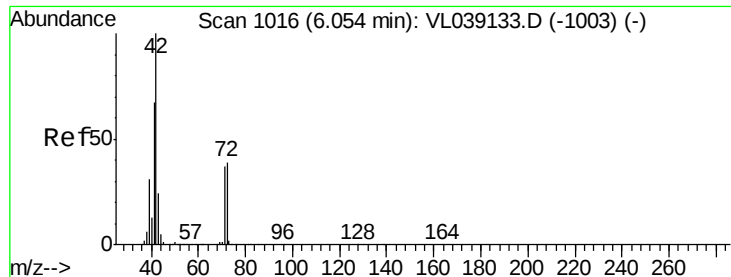
88 100

58 0.0 111.2 166.8#

43 0.0 234.2 351.4#

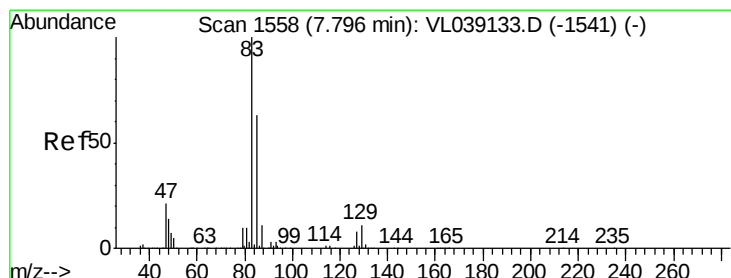
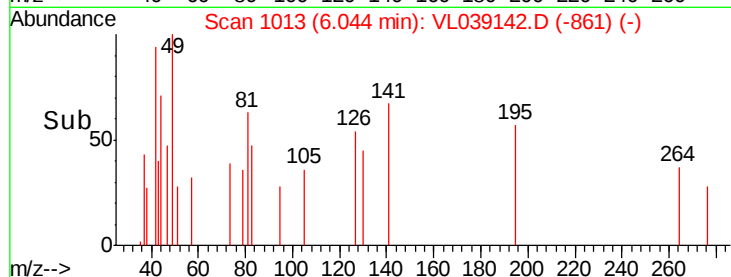
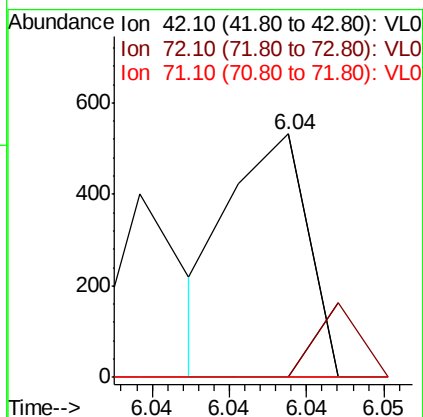
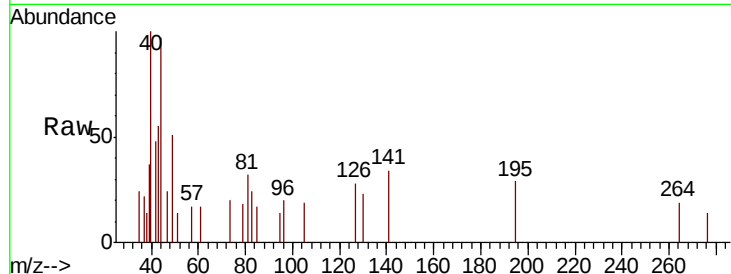
57 0.0 1039.9 1559.9#





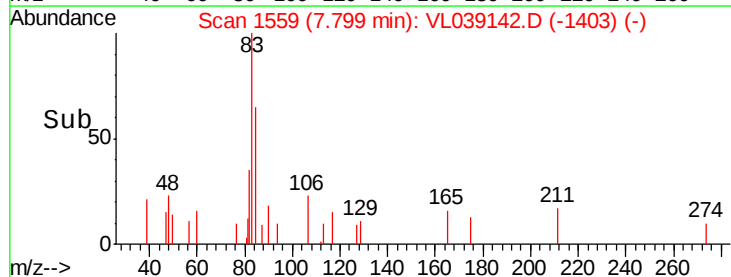
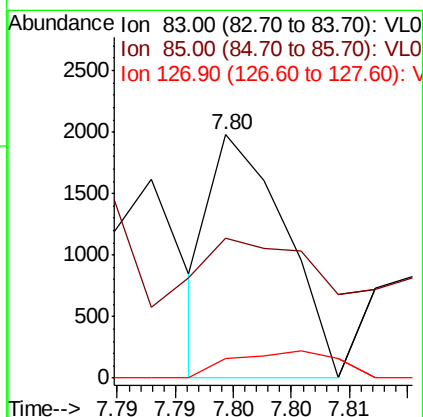
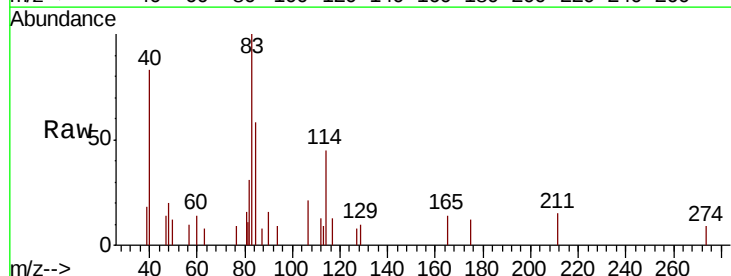
#41
Tetrahydrofuran
Concen: 0.295 ppbv
RT: 6.04 min
Instrument: MSVOA_1
Delta R.T.: 0.00 min
Lab File: ClientSampleId :
Acq: 1 Jun 2022 00:00

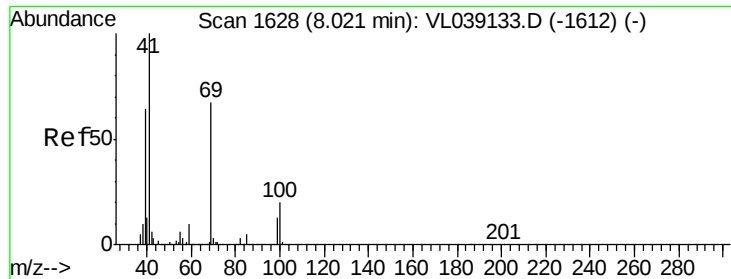
Tot Ion	Ratio	Lower	Upper
42	100		
72	0.0	32.0	48.0#
71	0.0	31.1	46.7#



#42
Bromodichloromethane
Concen: 0.620 ppbv
RT: 7.80 min Scan# 1559
Delta R.T.: 0.00 min
Lab File: VL039142.D
Acq: 1 Jun 2022 00:00

Tgt Ion	Ratio	Lower	Upper
83	100		
85	23.5	50.2	75.4#
127	8.2	6.6	9.8





#43

Methyl Methacrylate

Concen: 8.634 ppbv

RT: 8.02 Instrument: MSVOA_1

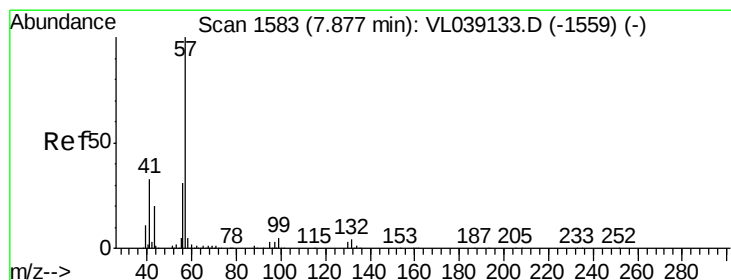
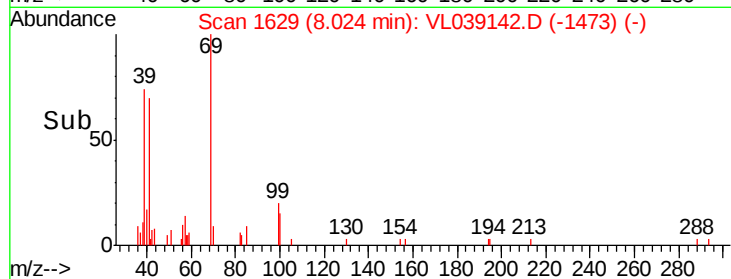
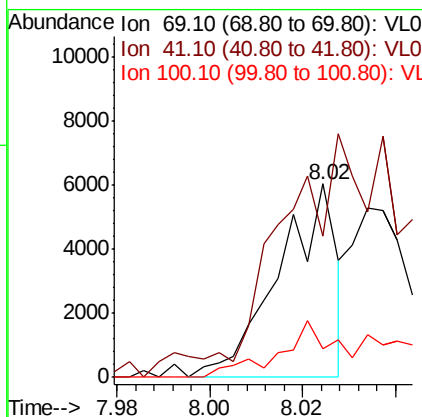
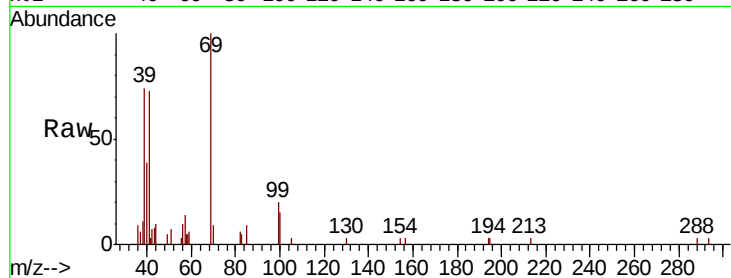
Delta R.T. ClientSampleId:

Lab File:

Acq: 1 Jun 2022 00:00

Tot Ion: 69 Resp: 5206

Ion	Ratio	Lower	Upper
69	100		
41	320.5	121.9	182.9#
100	62.3	24.1	36.1#



#44

2,2,4-Trimethylpentane

Concen: 0.706 ppbv

RT: 7.88 min Scan# 1583

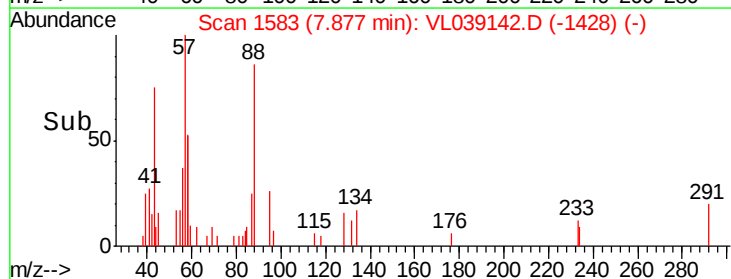
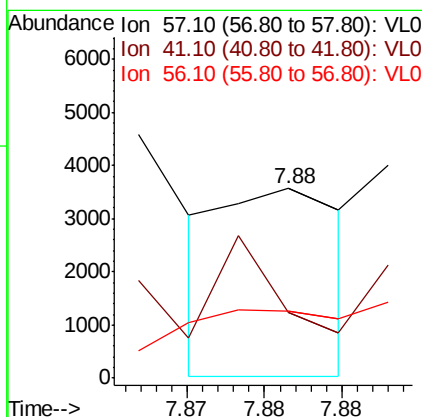
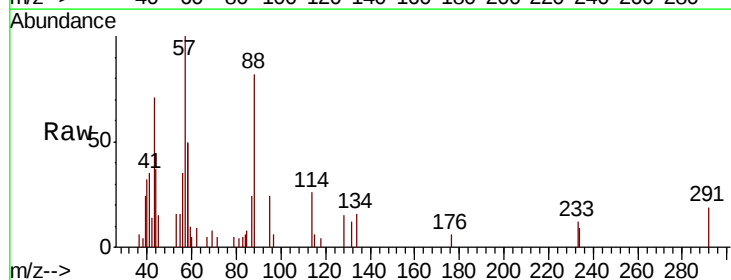
Delta R.T. -0.00 min

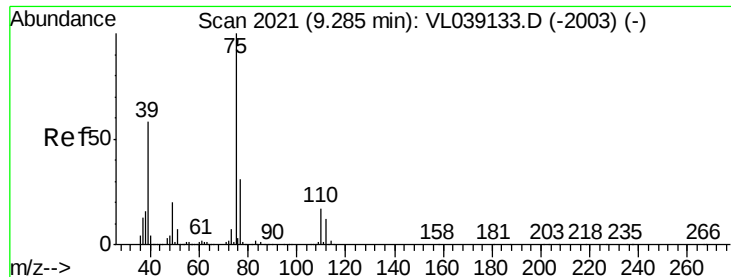
Lab File: VL039142.D

Acq: 1 Jun 2022 00:00

Tgt Ion: 57 Resp: 1913

Ion	Ratio	Lower	Upper
57	100		
41	213.2	26.2	39.4#
56	0.0	24.7	37.1#





#45

t-1,3-Dichloropropene

Concen: 0.944 ppbv

RT: 9.29 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

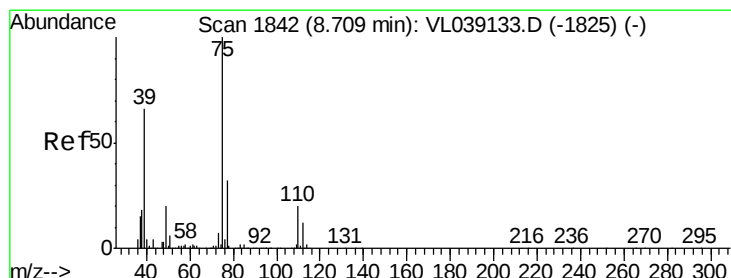
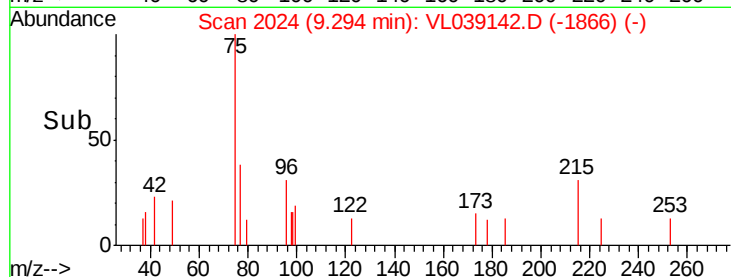
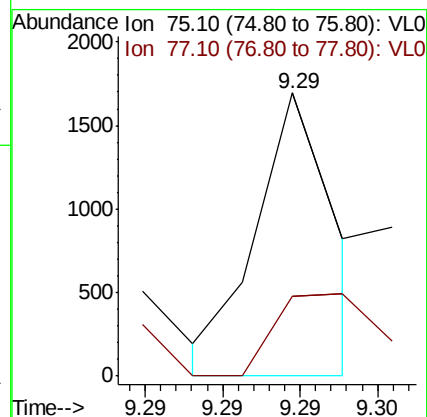
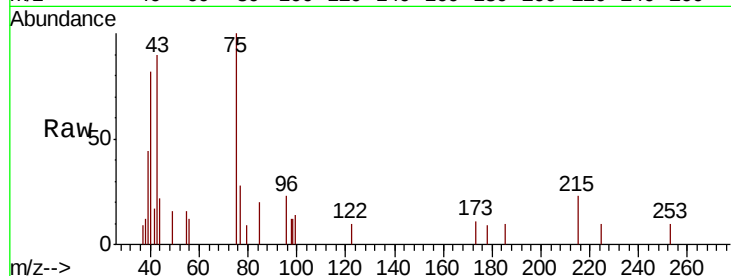
Acq: 1 Jun 2022 00:00

Tot Ion: 75 Resp: 593

Ion Ratio Lower Upper

75 100

77 28.0 24.4 36.6



#46

cis-1,3-Dichloropropene

Concen: 1.406 ppbv

RT: 8.71 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VL039142.D

Acq: 1 Jun 2022 00:00

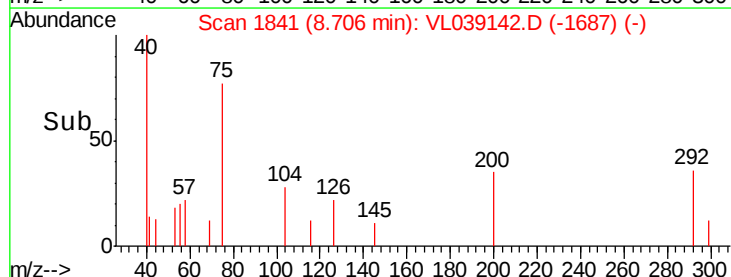
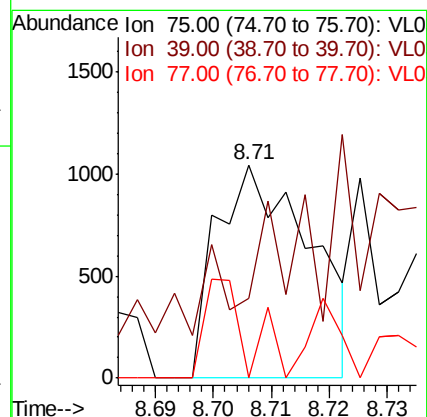
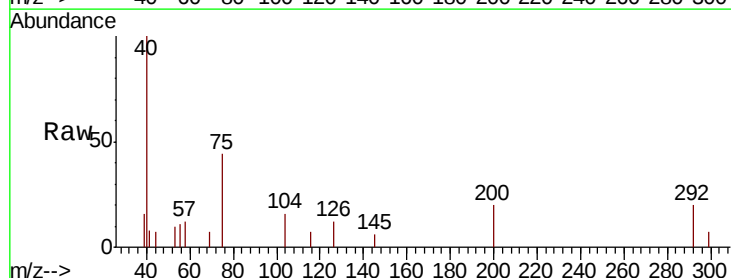
Tgt Ion: 75 Resp: 1166

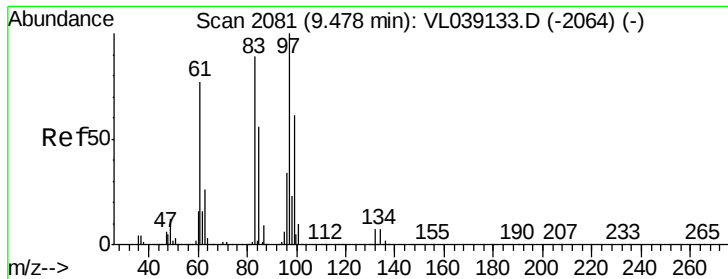
Ion Ratio Lower Upper

75 100

39 17.7 52.4 78.6#

77 0.0 25.5 38.3#





#47

1,1,2-Trichloroethane

Concen: 2.189 ppbv

RT: 9.48 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 1 Jun 2022 00:00

Tot Ion: 97 Resp: 1406

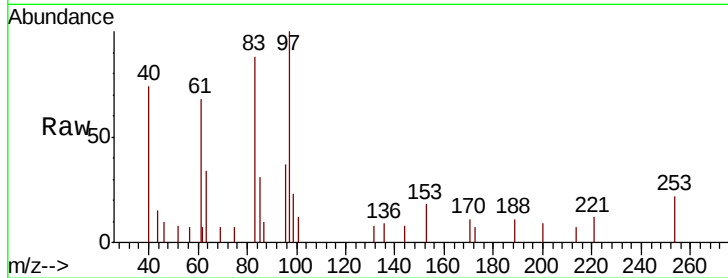
Ion Ratio Lower Upper

97 100

83 85.4 71.6 107.4

85 1.7 44.8 67.2#

99 11.4 49.0 73.4#

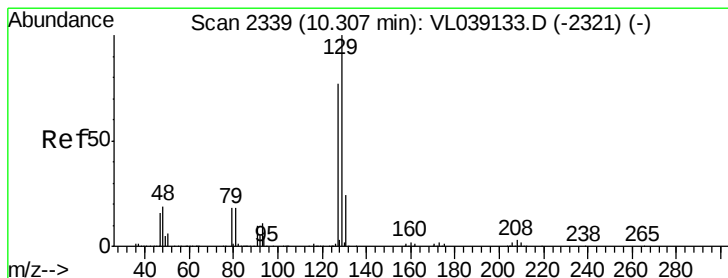
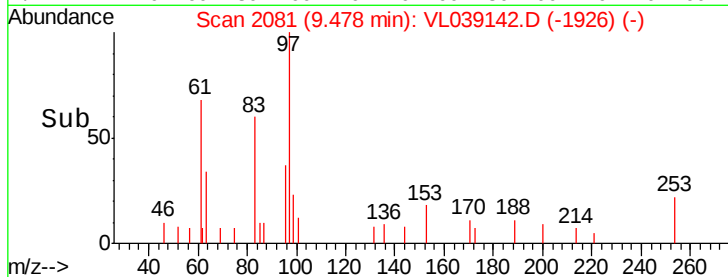
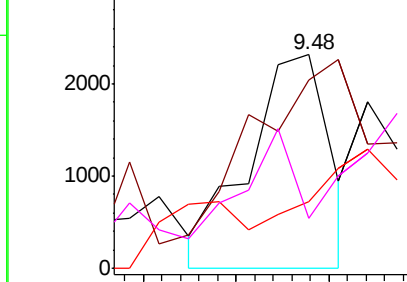


Abundance Ion 97.00 (96.70 to 97.70): VL0

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: 0.160 ppbv

RT: 10.68 min Scan# 2454

Delta R.T. 0.37 min

Lab File: VL039142.D

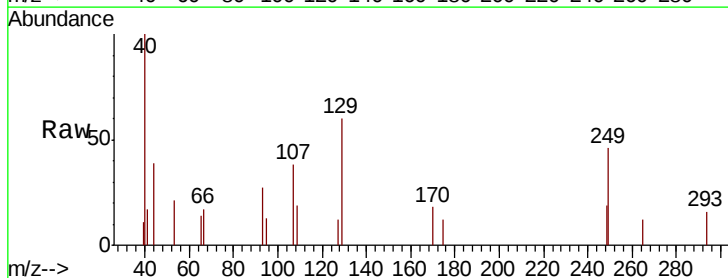
Acq: 1 Jun 2022 00:00

Tgt Ion: 129 Resp: 184

Ion Ratio Lower Upper

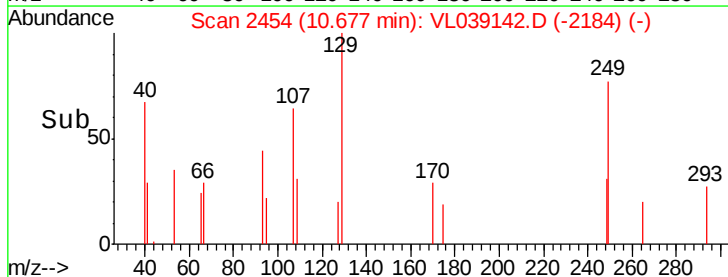
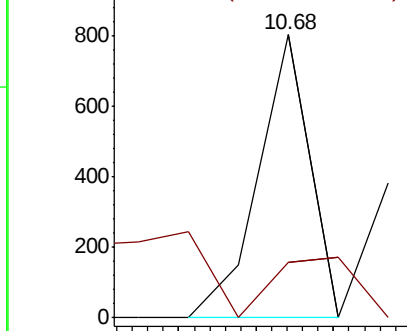
129 100

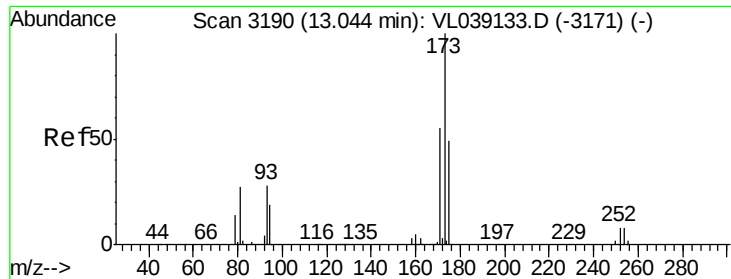
127 104.9 40.0 119.9



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#49

Bromoform

Concen: 2.917 ppbv

RT: 13.05

Delta R.T. MSVOA_L

Lab File:

Acq: 1 Jun 2022 00:00

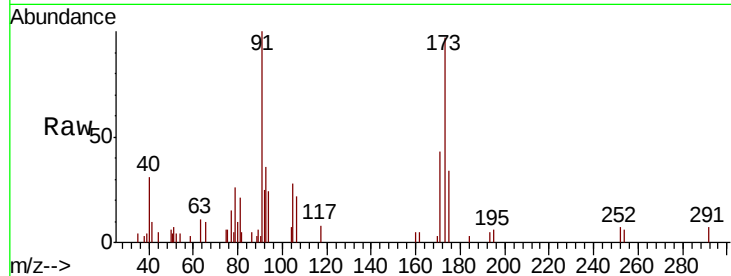
Tot Ion: 173 Resp: 2788

Ion Ratio Lower Upper

173 100

175 0.0 40.2 60.2#

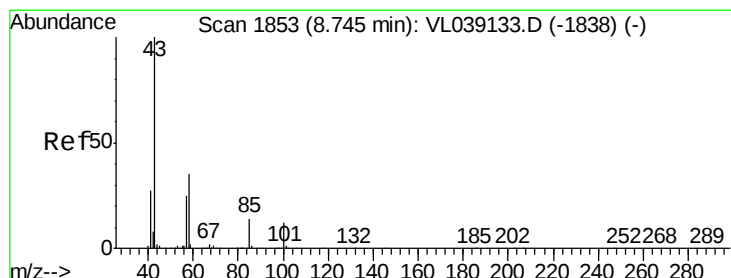
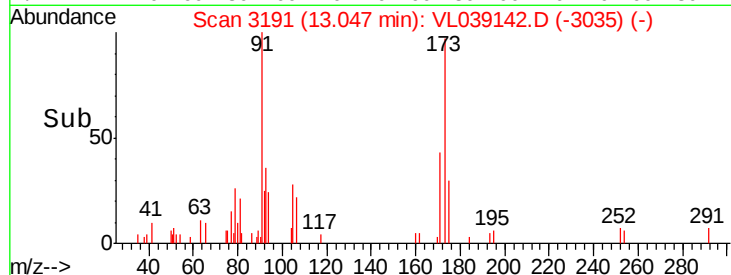
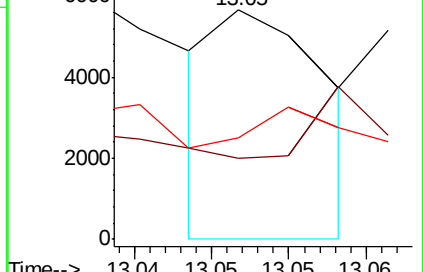
171 0.0 43.9 65.9#



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



#50

4-Methyl-2-Pentanone

Concen: 40.563 ppbv

RT: 8.76 min Scan# 1858

Delta R.T. 0.02 min

Lab File: VL039142.D

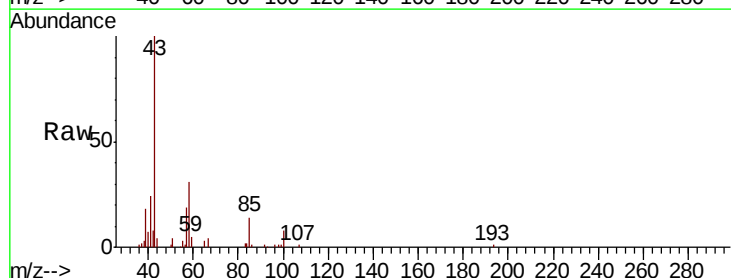
Acq: 1 Jun 2022 00:00

Tgt Ion: 43 Resp: 62893

Ion Ratio Lower Upper

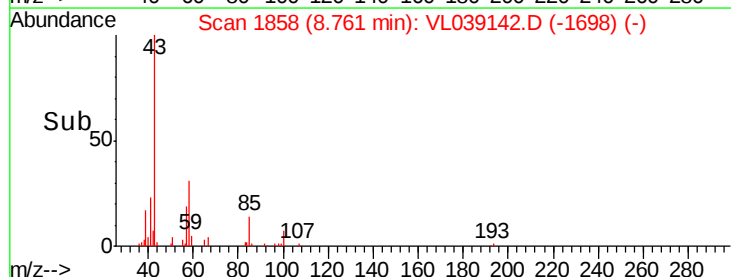
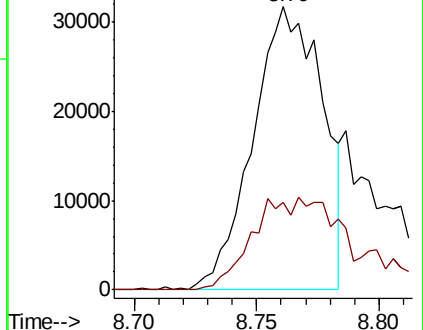
43 100

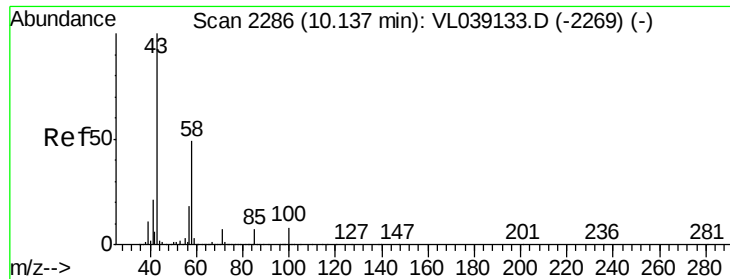
58 54.8 28.7 43.1#



Abundance Ion 43.10 (42.80 to 43.80): VL0

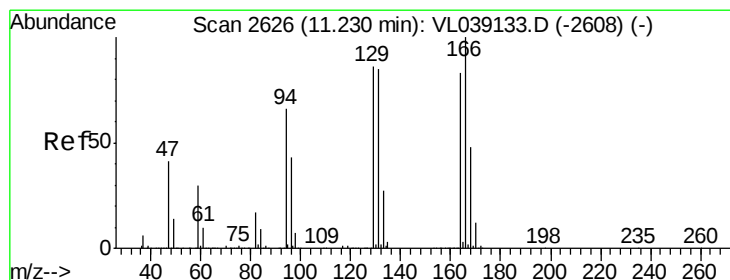
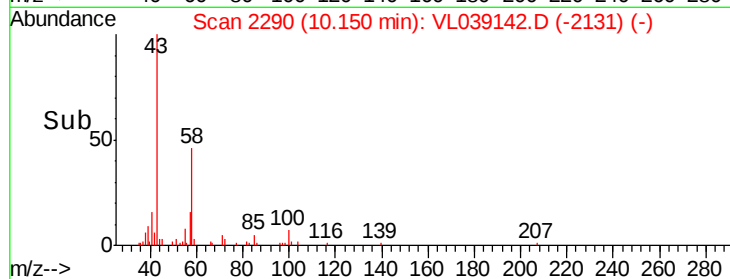
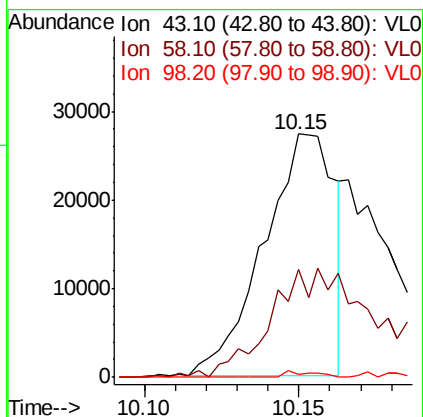
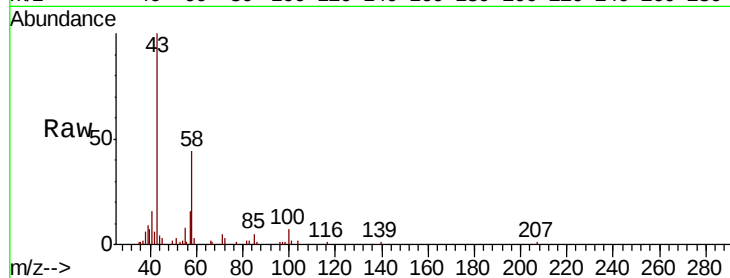
Ion 58.10 (57.80 to 58.80): VL0





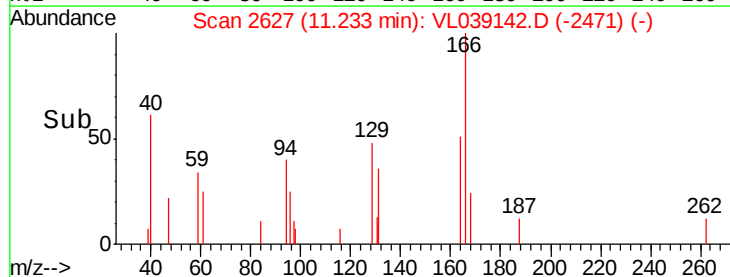
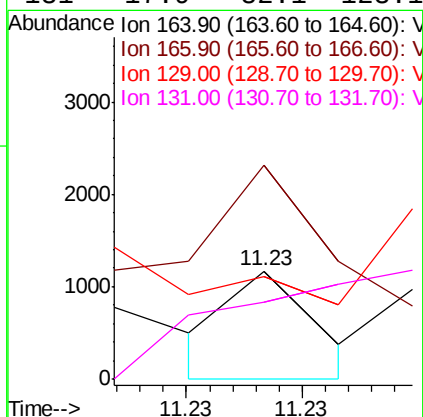
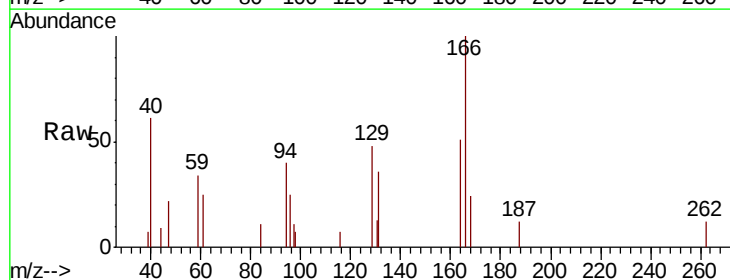
#51
2-Hexanone
Concen: 35.818 ppbv
RT: 10.15
Delta R.T. MSVOA_L
Lab File: ClientSampleId:
Acq: 1 Jun 2022 00:00

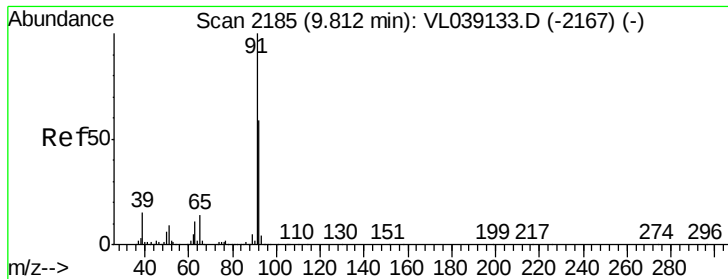
Tot Ion	Ratio	Lower	Upper
43	100		
58	0.0	40.0	60.0#
98	1.5	0.1	0.1#



#52
Tetrachloroethene
Concen: 0.495 ppbv
RT: 11.23 min Scan# 2627
Delta R.T. 0.00 min
Lab File: VL039142.D
Acq: 1 Jun 2022 00:00

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.2	96.3	144.5
129	38.5	82.5	123.7#
131	17.9	82.1	123.1#





#53

Toluene

Concen: 0.787 ppbv

RT: 9.81 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

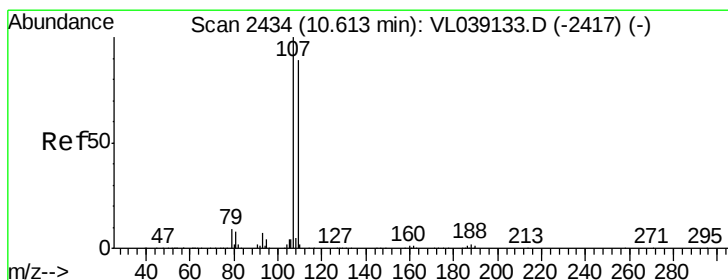
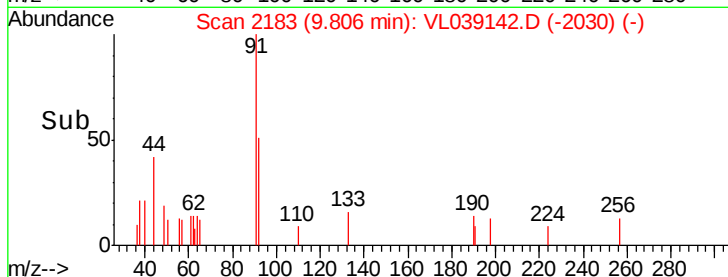
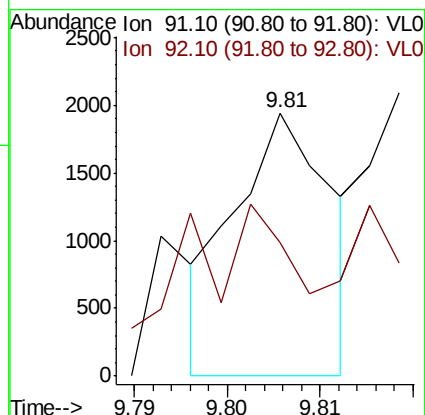
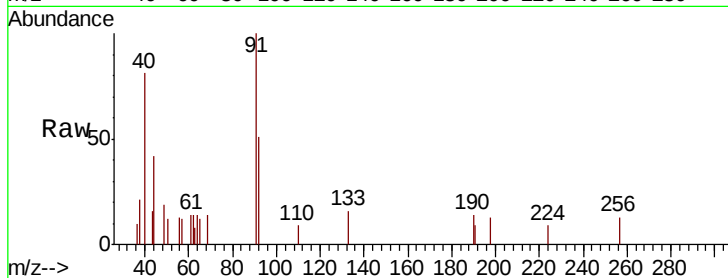
Acq: 1 Jun 2022 00:00

Tot Ion: 91 Resp: 1403

Ion Ratio Lower Upper

91 100

92 0.0 48.1 72.1#



#54

1,2-Dibromoethane

Concen: 0.195 ppbv

RT: 10.59 min Scan# 2428

Delta R.T. -0.02 min

Lab File: VL039142.D

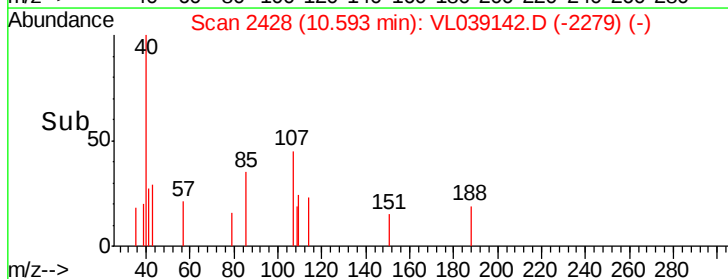
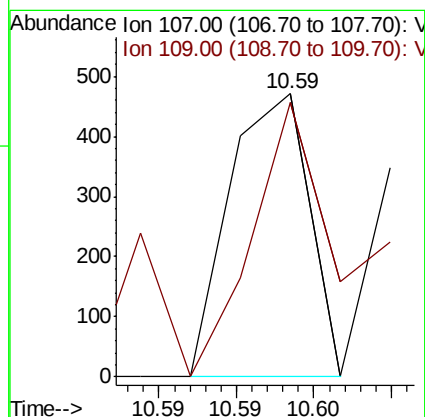
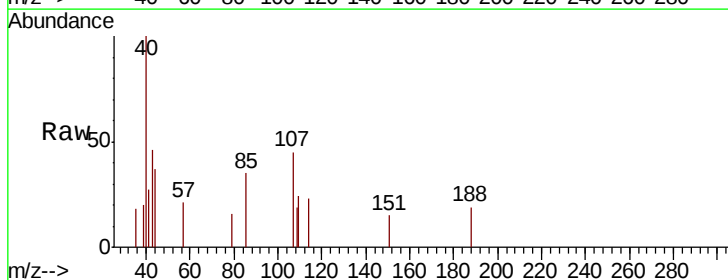
Acq: 1 Jun 2022 00:00

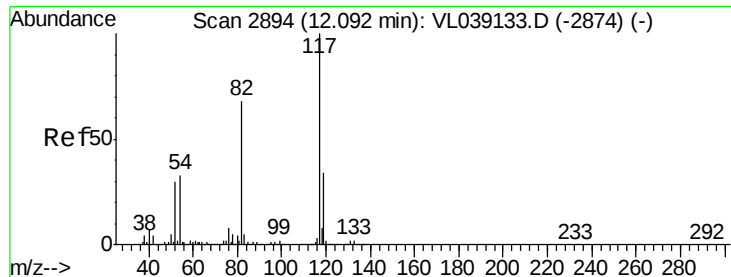
Tgt Ion: 107 Resp: 168

Ion Ratio Lower Upper

107 100

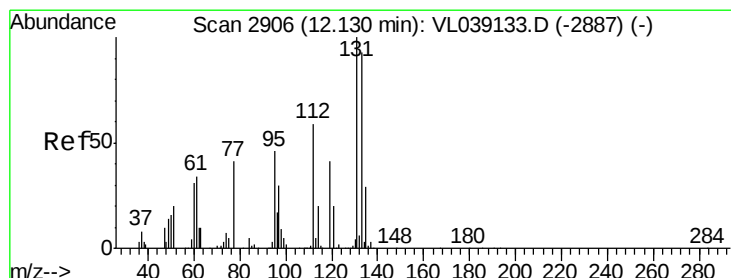
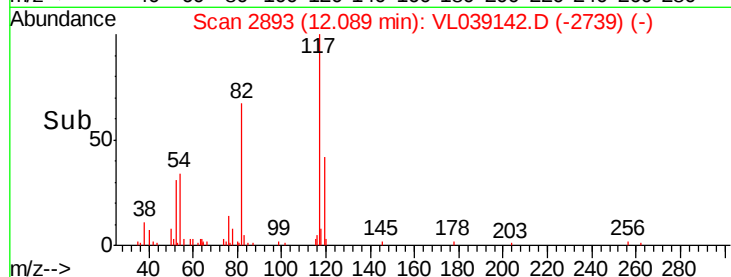
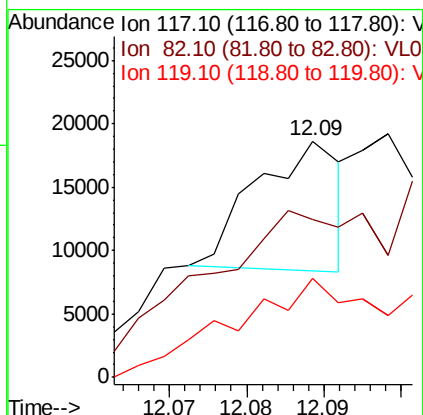
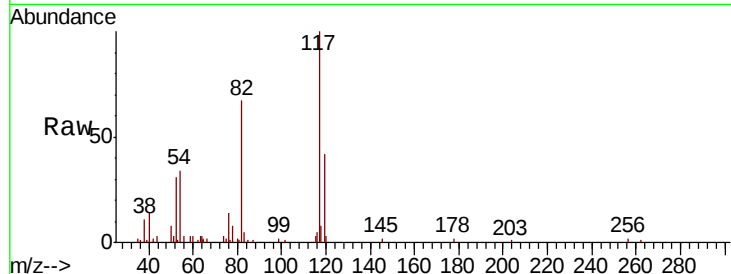
109 97.0 71.4 107.0





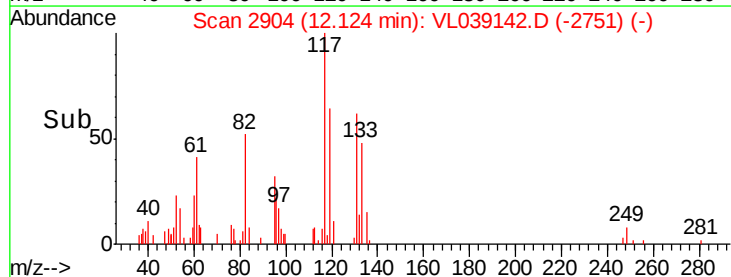
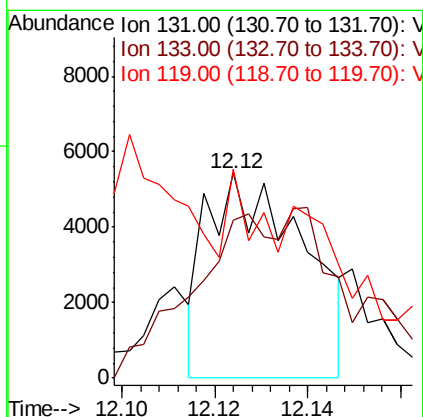
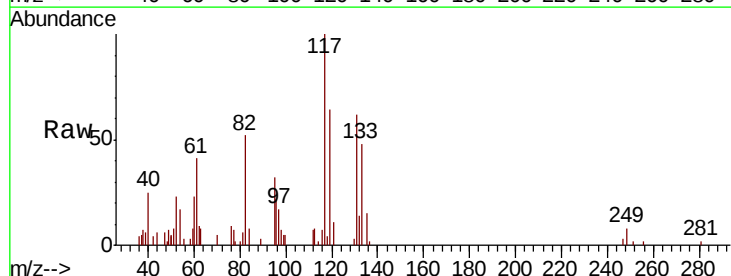
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 1 Jun 2022 00:00

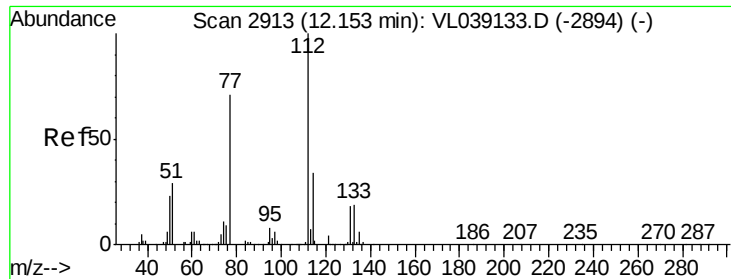
Tot Ion:117 Resp: 7773
Ion Ratio Lower Upper
117 100
82 0.0 55.1 82.7#
119 334.9 24.7 37.1#



#56
1,1,1,2-Tetrachloroethane
Concen: 20.987 ppbv
RT: 12.12 min Scan# 2904
Delta R.T. -0.01 min
Lab File: VL039142.D
Acq: 1 Jun 2022 00:00

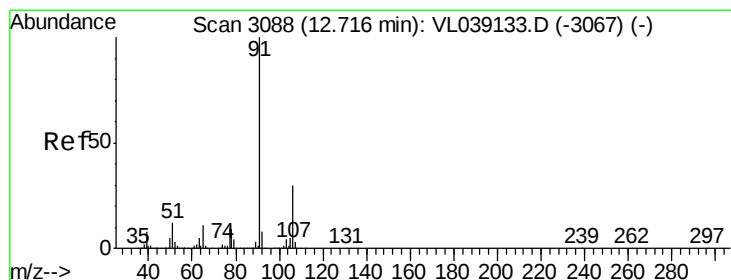
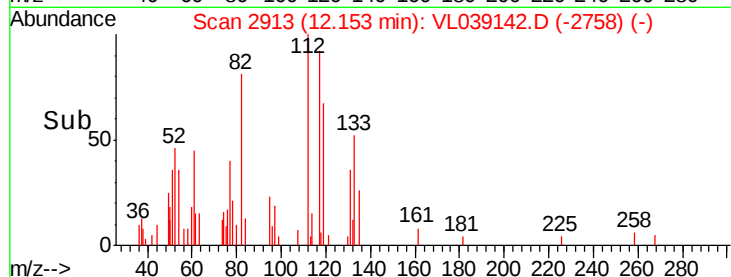
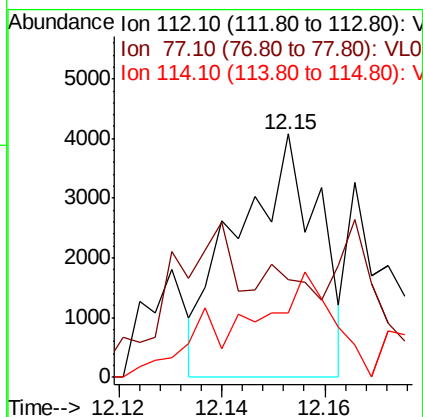
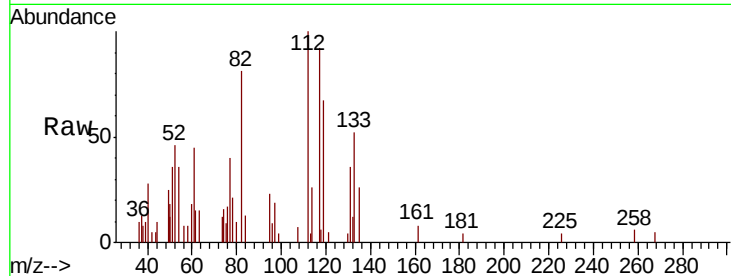
Tgt Ion:131 Resp: 7719
Ion Ratio Lower Upper
131 100
133 0.0 78.6 117.8#
119 0.0 51.7 77.5#





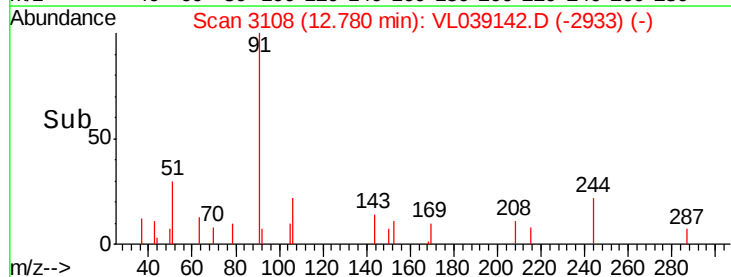
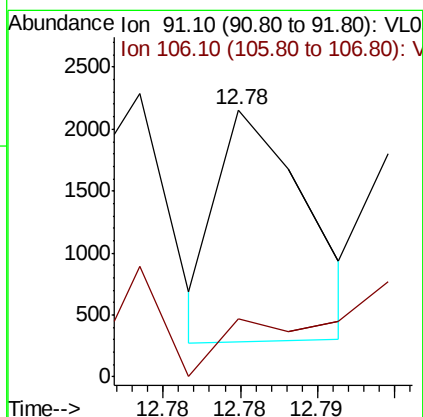
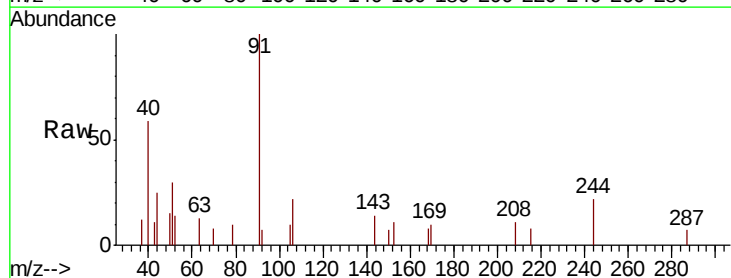
#57
Chlorobenzene
Concen: 7.593 ppbv
RT: 12.15 min
Instrument: MSVOA_1
Delta R.T.: 0.06 min
Lab File: ClientSampleId:
Acq: 1 Jun 2022 00:00

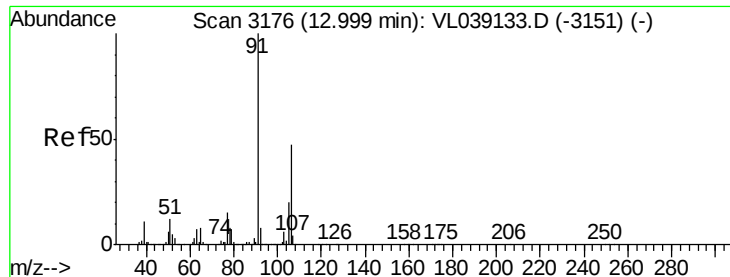
Tot Ion: 112 Resp: 4441
Ion Ratio Lower Upper
112 100
77 0.0 56.5 84.7#
114 16.2 30.3 37.1#



#58
Ethyl Benzene
Concen: 0.703 ppbv
RT: 12.78 min Scan# 3108
Delta R.T.: 0.06 min
Lab File: VL039142.D
Acq: 1 Jun 2022 00:00

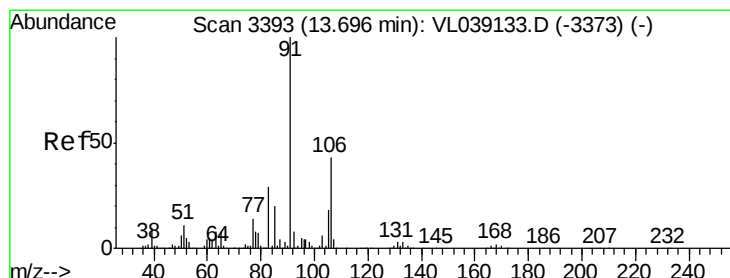
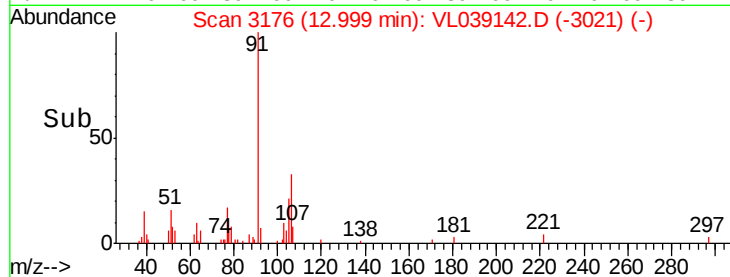
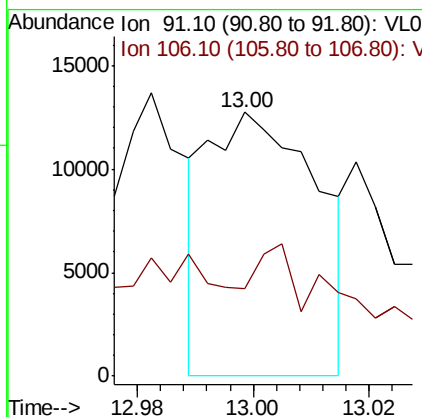
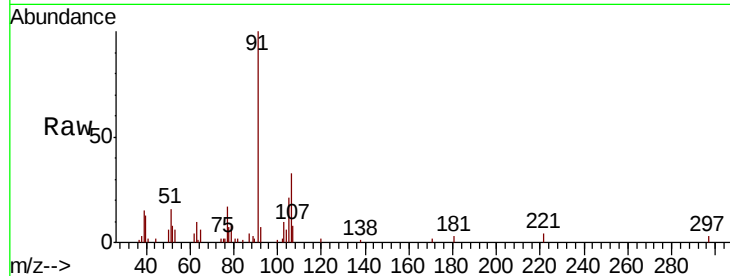
Tgt Ion: 91 Resp: 753
Ion Ratio Lower Upper
91 100
106 35.2 24.2 36.4





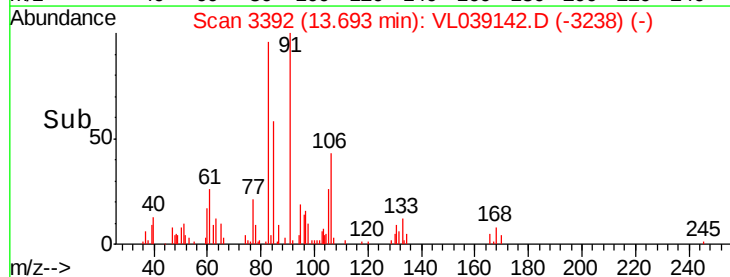
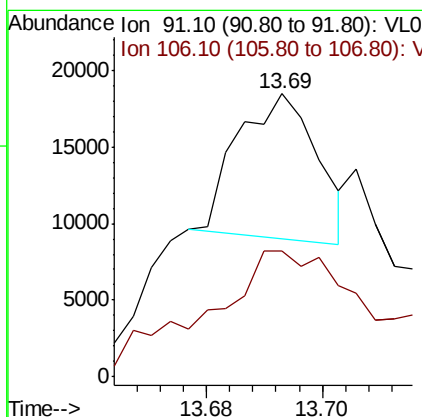
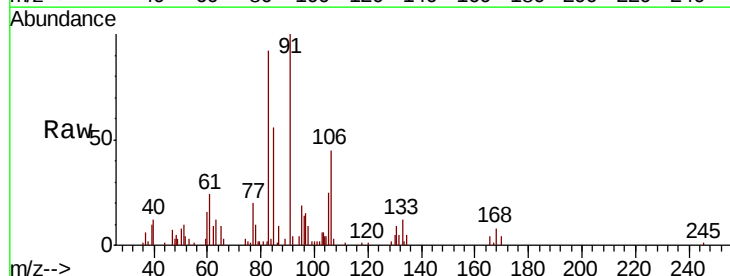
#59
m/p-Xylene
Concen: 17.690 ppbv
RT: 13.00
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 1 Jun 2022 00:00

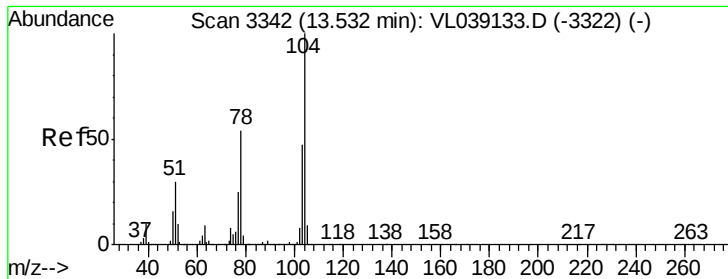
Tot Ion: 91 Resp: 16679
Ion Ratio Lower Upper
91 100
106 143.7 34.3 51.5#



#60
o-Xylene
Concen: 10.050 ppbv
RT: 13.69 min Scan# 3392
Delta R.T. -0.00 min
Lab File: VL039142.D
Acq: 1 Jun 2022 00:00

Tgt Ion: 91 Resp: 8904
Ion Ratio Lower Upper
91 100
106 243.1 22.3 66.9#





#61

Stvrene

Concen: 9.687 ppbv

RT: 13.52

Delta R.T. MSVOA_L

Lab File:

Acq: 1 Jun 2022 00:00

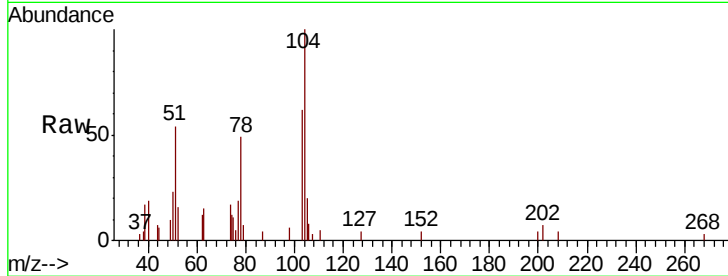
Tot Ion:104 Resp: 4596

Ion Ratio Lower Upper

104 100

78 0.0 45.7 68.5#

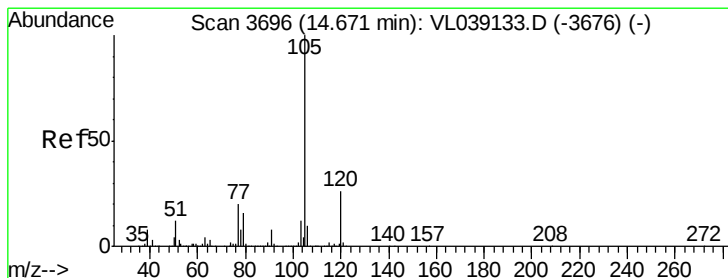
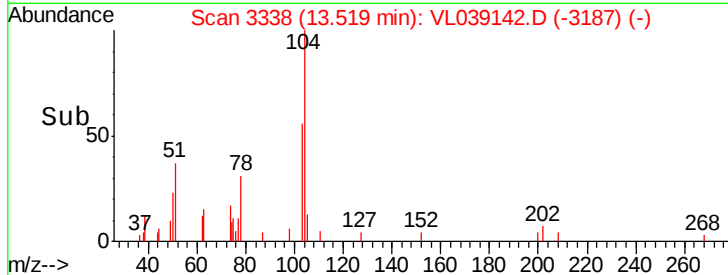
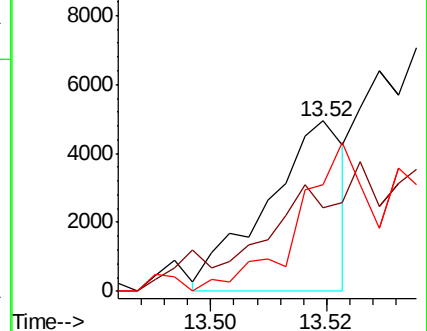
103 202.4 39.6 59.4#



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: 93.561 ppbv

RT: 14.67 min Scan# 3695

Delta R.T. -0.00 min

Lab File: VL039142.D

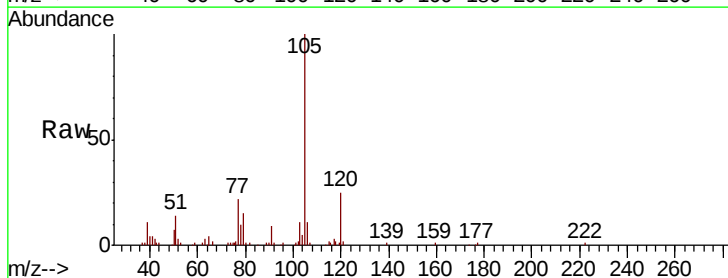
Acq: 1 Jun 2022 00:00

Tgt Ion:105 Resp: 123202

Ion Ratio Lower Upper

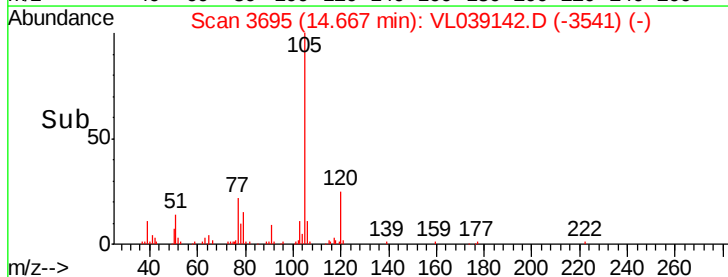
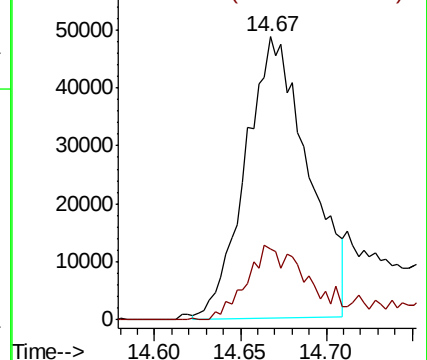
105 100

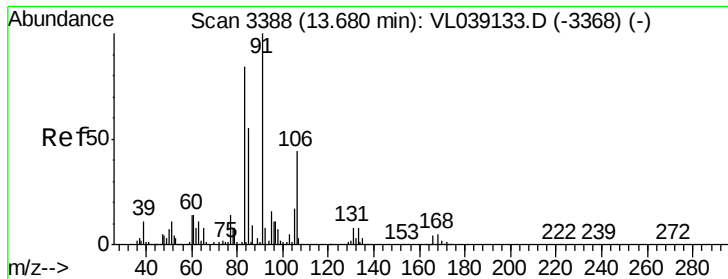
120 28.7 20.3 30.5



Abundance Ion 105.10 (104.80 to 105.80): V

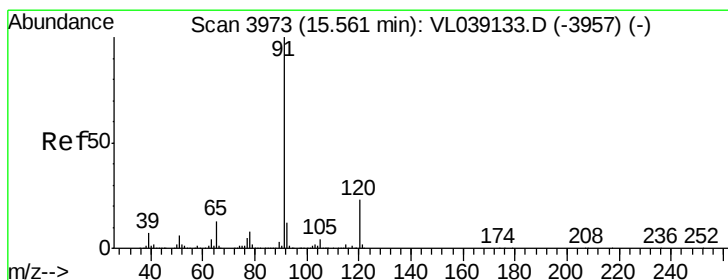
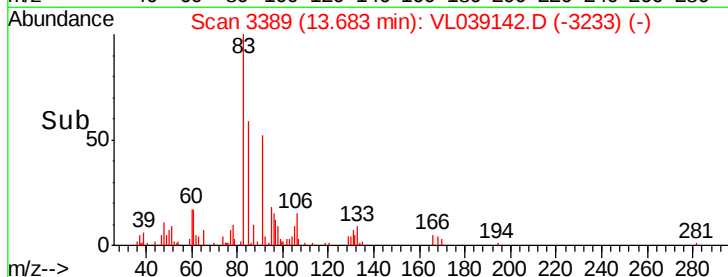
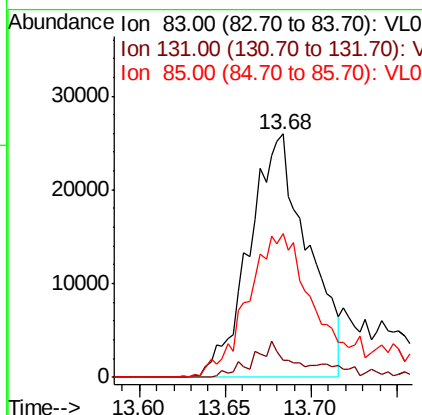
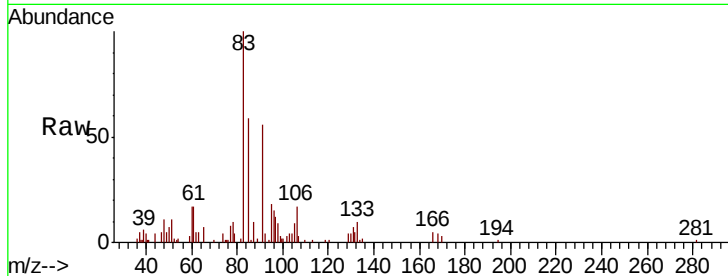
Ion 120.20 (119.90 to 120.90): V





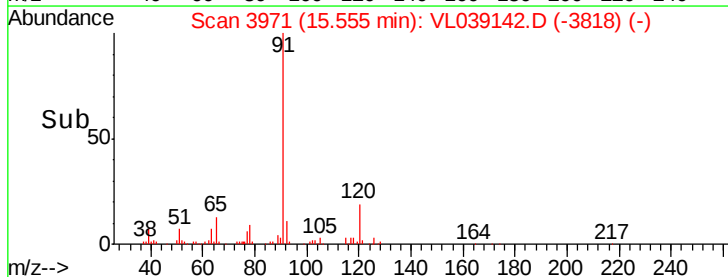
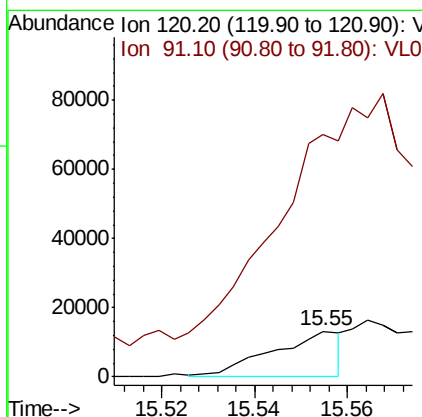
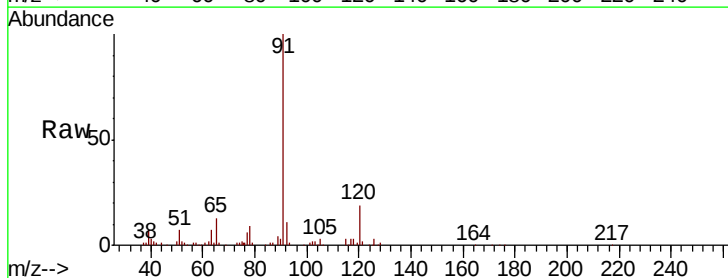
#63
 1,1,2,2-Tetrachloroethane
 Concen: 123.025 ppbv
 RT: 13.68 min
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 1 Jun 2022 00:00

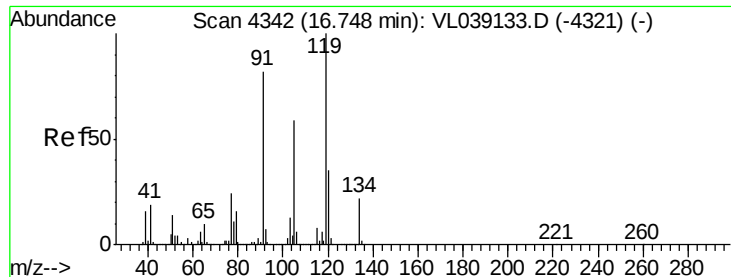
Tot Ion: 83 Resp: 61180
 Ion Ratio Lower Upper
 83 100
 131 14.9 4.8 14.3#
 85 74.9 33.0 99.0



#64
 n-propylbenzene
 Concen: 42.542 ppbv
 RT: 15.55 min Scan# 3971
 Delta R.T.: -0.01 min
 Lab File: VL039142.D
 Acq: 1 Jun 2022 00:00

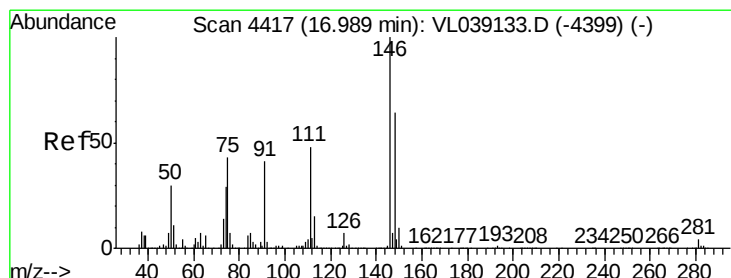
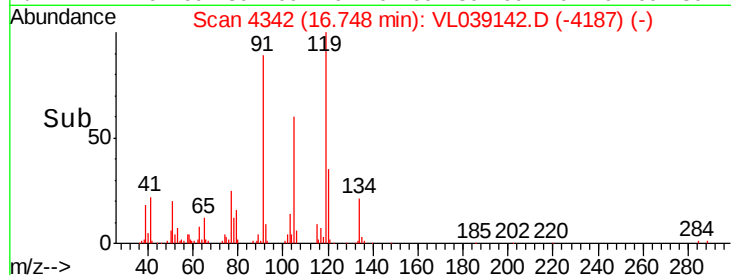
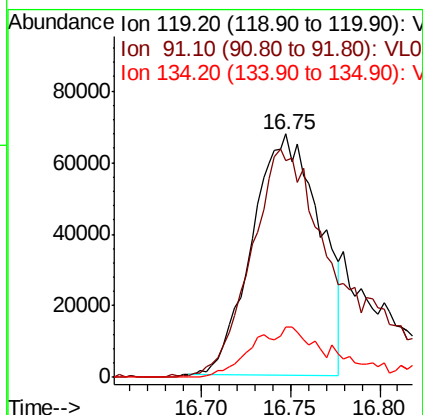
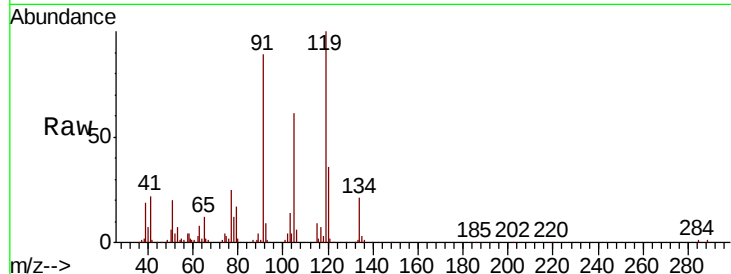
Tgt Ion:120 Resp: 13771
 Ion Ratio Lower Upper
 120 100
 91 0.0 388.4 582.6#





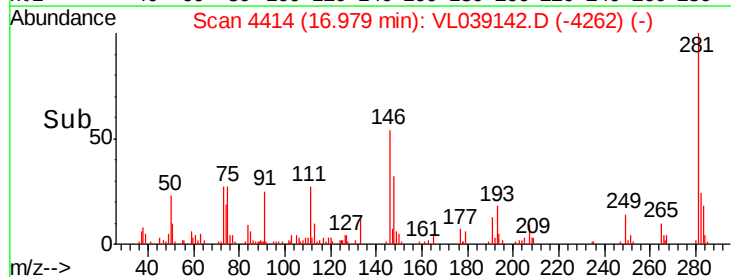
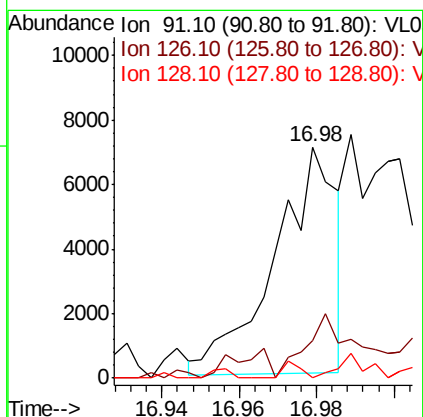
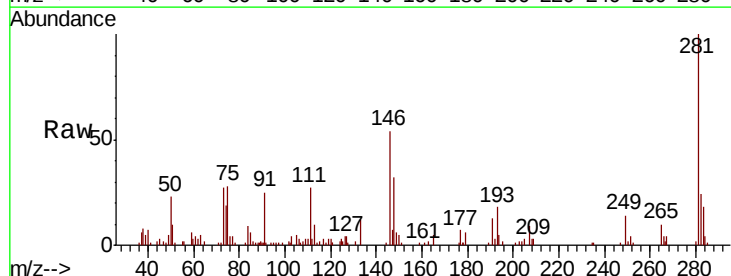
#65
 tert-Butylbenzene
 Concen: 147.657 ppbv
 RT: 16.75 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 1 Jun 2022 00:00

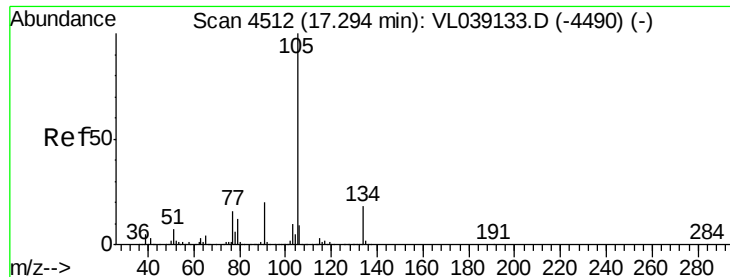
Tot Ion: 119 Resp: 177799
 Ion Ratio Lower Upper
 119 100
 91 128.1 67.1 100.7#
 134 26.9 15.8 23.8#



#66
 Benzyl Chloride
 Concen: 50.010 ppbv
 RT: 16.98 min Scan# 4414
 Delta R.T.: -0.01 min
 Lab File: VL039142.D
 Acq: 1 Jun 2022 00:00

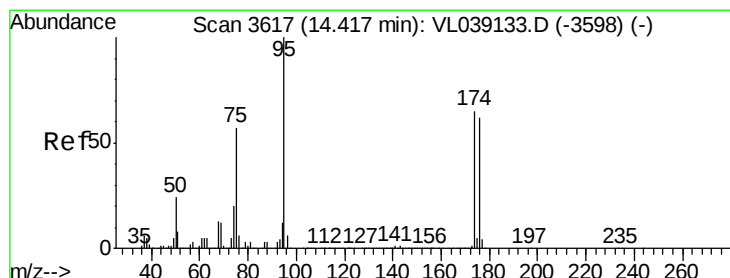
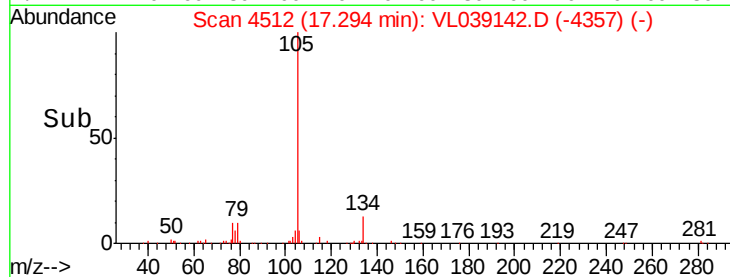
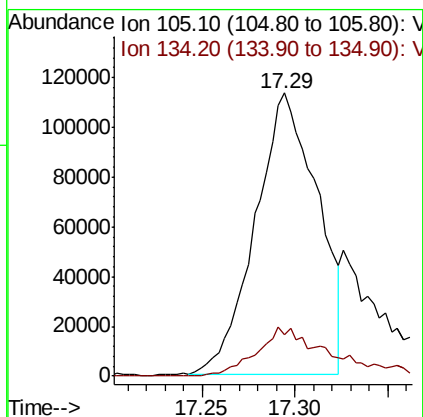
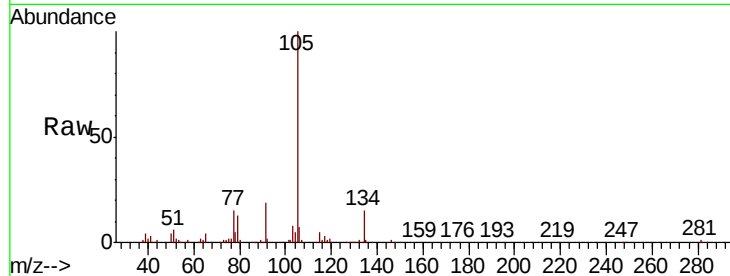
Tgt Ion: 91 Resp: 7830
 Ion Ratio Lower Upper
 91 100
 126 39.8 13.4 20.0#
 128 11.4 4.1 6.1#





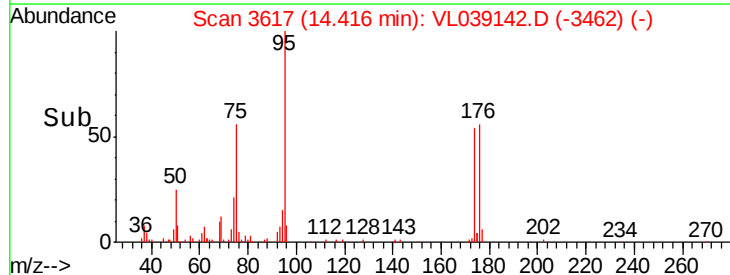
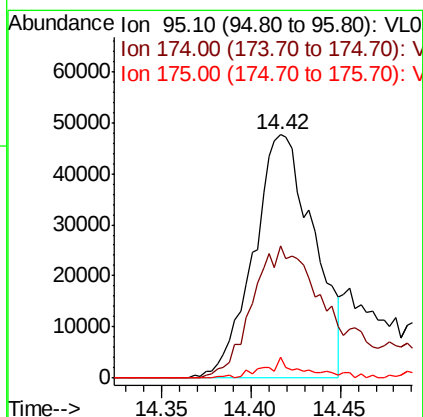
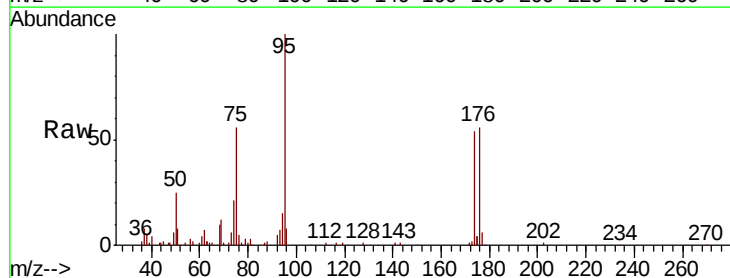
#67
 sec-Butylbenzene
 Concen: 161.383 ppbv
 RT: 17.29 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 1 Jun 2022 00:00

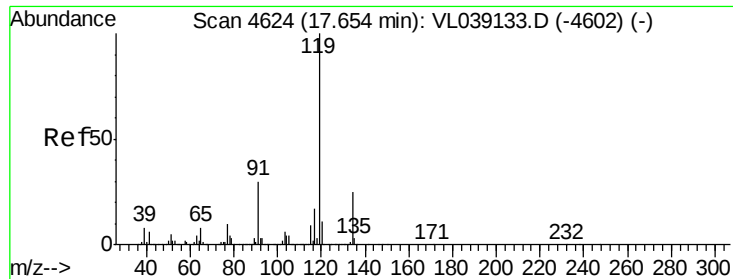
Tot Ion: 105 Resp: 265147
 Ion Ratio Lower Upper
 105 100
 134 21.4 14.4 21.6



#68
 1-Bromo-4-Fluorobenzene
 Concen: 174.333 ppbv
 RT: 14.42 min Scan# 3617
 Delta R.T.: -0.00 min
 Lab File: VL039142.D
 Acq: 1 Jun 2022 00:00

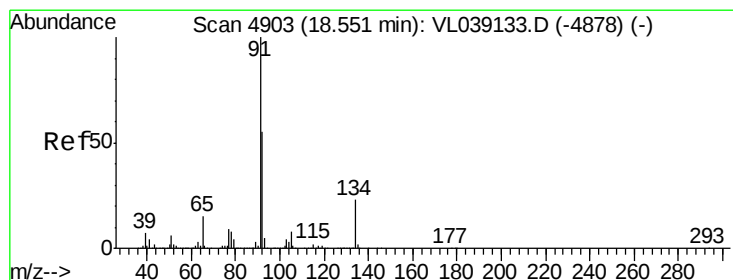
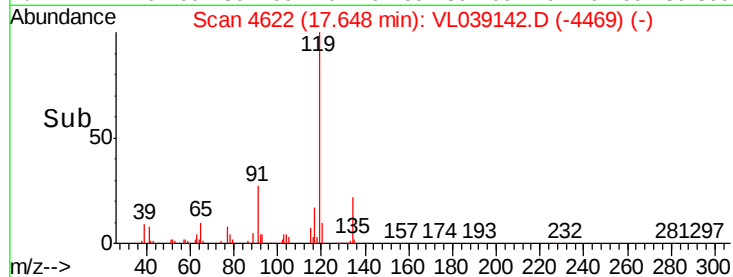
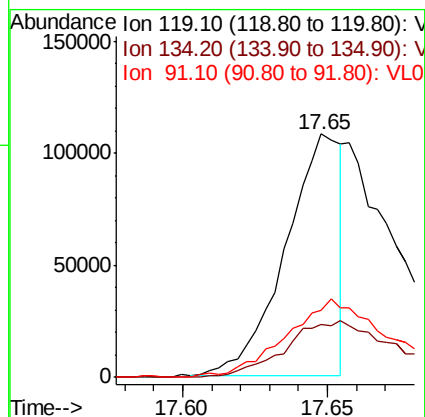
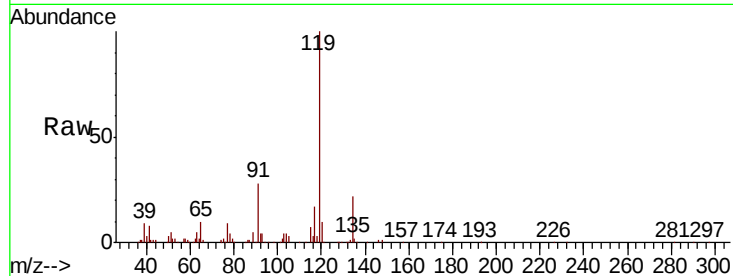
Tgt Ion: 95 Resp: 112030
 Ion Ratio Lower Upper
 95 100
 174 77.9 53.8 80.8
 175 5.6 4.1 6.1





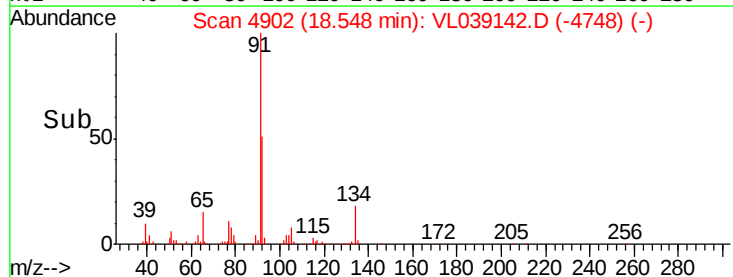
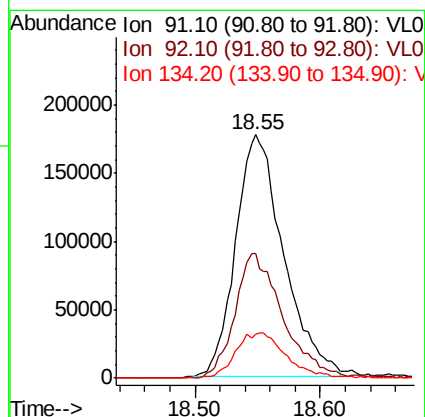
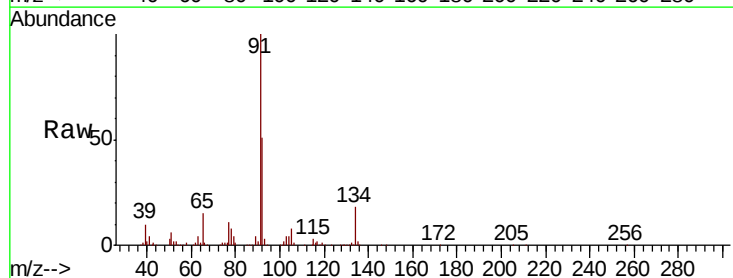
#69
 p-Isopropyltoluene
 Concen: 103.261 ppbv
 RT: 17.65 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 1 Jun 2022 00:00

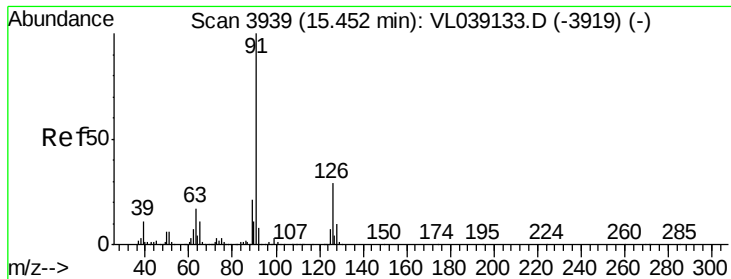
Tot Ion:	119	Resp:	143135
Ion	Ratio	Lower	Upper
119	100		
134	0.0	20.4	30.6#
91	0.0	24.2	36.4#



#70
 n-Butylbenzene
 Concen: 332.264 ppbv
 RT: 18.55 min Scan# 4902
 Delta R.T. -0.00 min
 Lab File: VL039142.D
 Acq: 1 Jun 2022 00:00

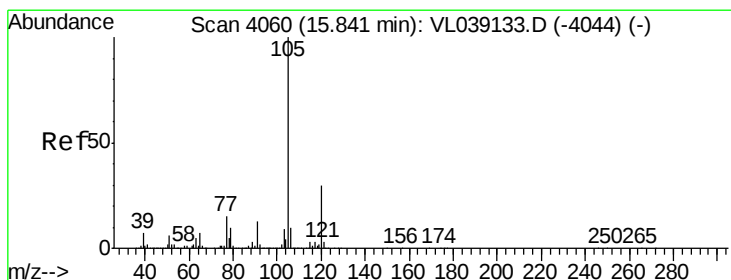
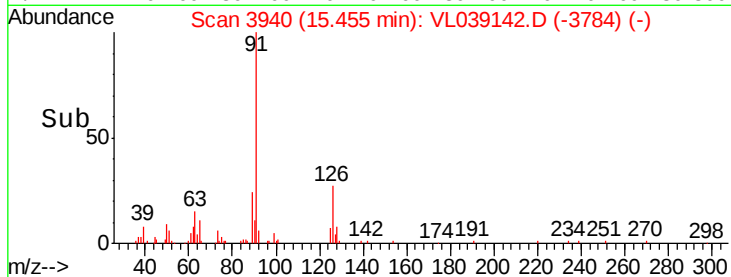
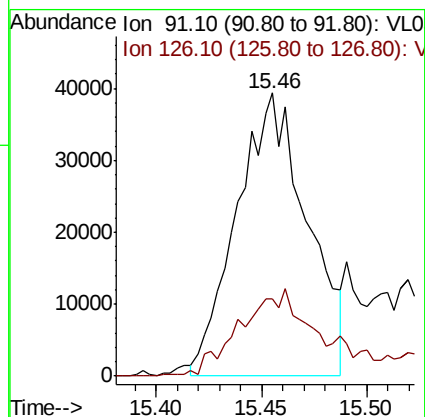
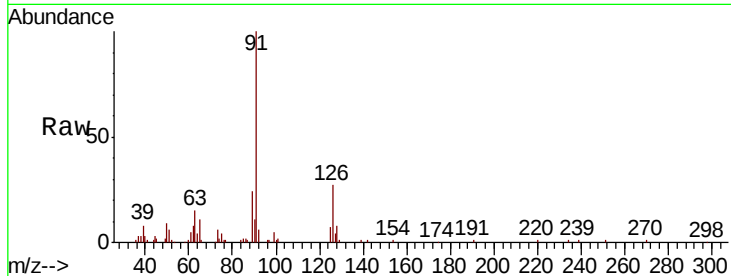
Tgt Ion:	91	Resp:	472742
Ion	Ratio	Lower	Upper
91	100		
92	51.7	43.6	65.4
134	20.0	17.7	26.5





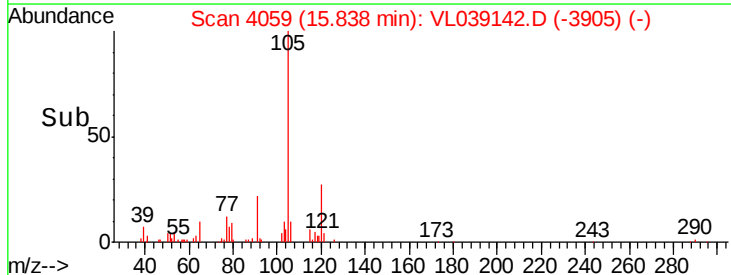
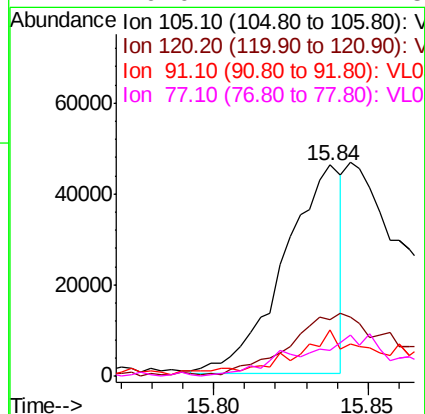
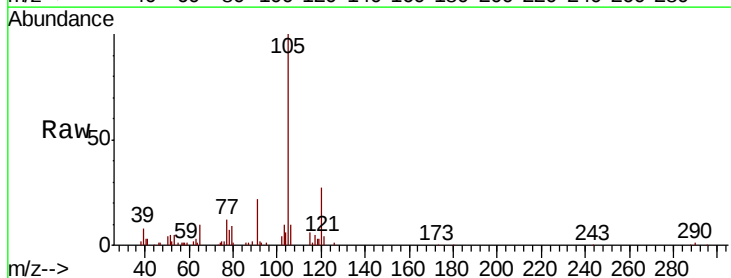
#71
 2-Chlorotoluene
 Concen: 90.761 ppbv
 RT: 15.46 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 1 Jun 2022 00:00

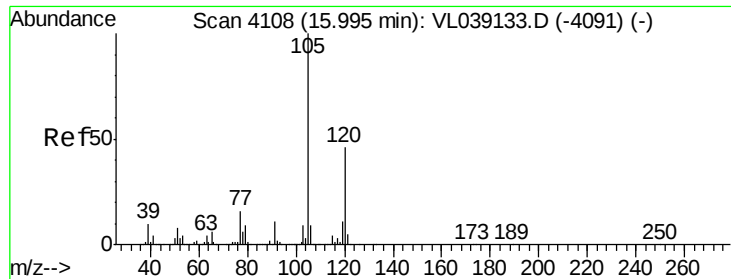
Tot Ion: 91 Resp: 91140
 Ion Ratio Lower Upper
 91 100
 126 38.5 12.2 48.6



#72
 4-Ethyltoluene
 Concen: 57.134 ppbv
 RT: 15.84 min Scan# 4059
 Delta R.T. -0.00 min
 Lab File: VL039142.D
 Acq: 1 Jun 2022 00:00

Tgt Ion:105 Resp: 59326
 Ion Ratio Lower Upper
 105 100
 120 0.0 23.9 35.9#
 91 40.9 10.6 16.0#
 77 0.0 11.7 17.5#





#73

1,3,5-Trimethylbenzene

Concen: 86.451 ppbv

RT: 16.00

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

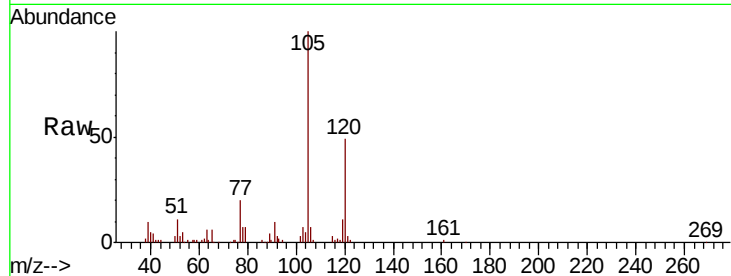
Acq: 1 Jun 2022 00:00

Tot Ion:105 Resp: 80966

Ion Ratio Lower Upper

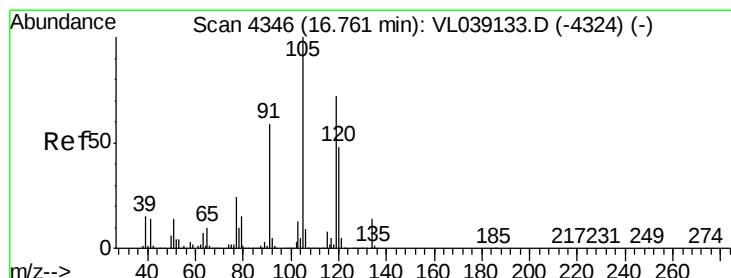
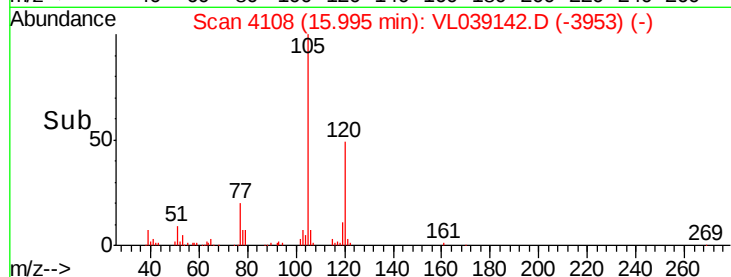
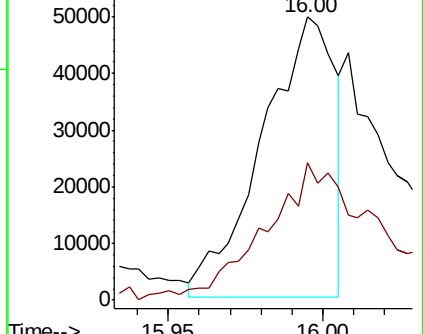
105 100

120 47.4 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: 147.254 ppbv

RT: 16.76 min Scan# 4347

Delta R.T. 0.00 min

Lab File: VL039142.D

Acq: 1 Jun 2022 00:00

Tgt Ion:105 Resp: 153904

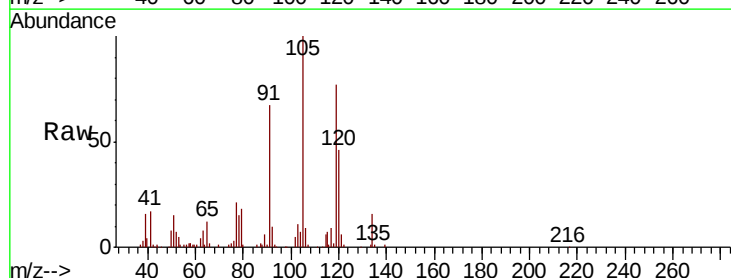
Ion Ratio Lower Upper

105 100

120 45.1 38.1 57.1

91 62.9 47.4 71.0

77 19.9 19.5 29.3

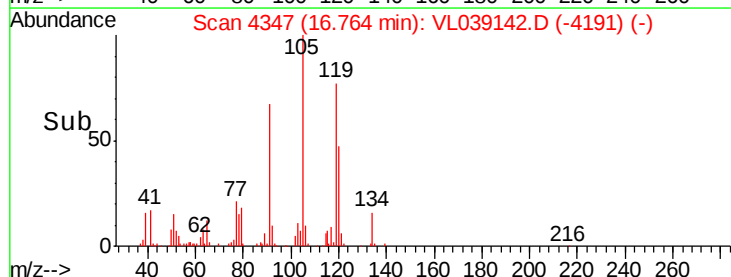
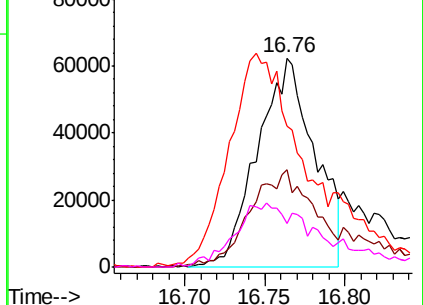


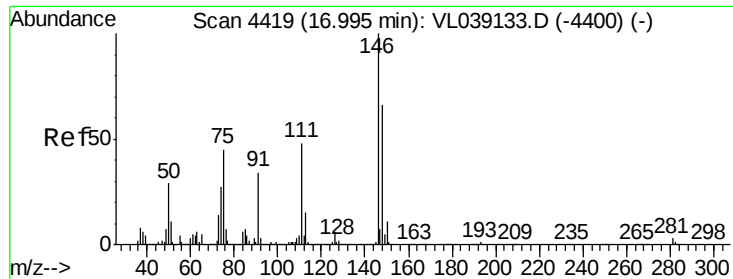
Abundance Ion 105.10 (104.80 to 105.80): V

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: 45.798 ppbv

RT: 17.00

Delta R.T. MSVOA_L

Lab File:

Acq: 1 Jun 2022 00:00

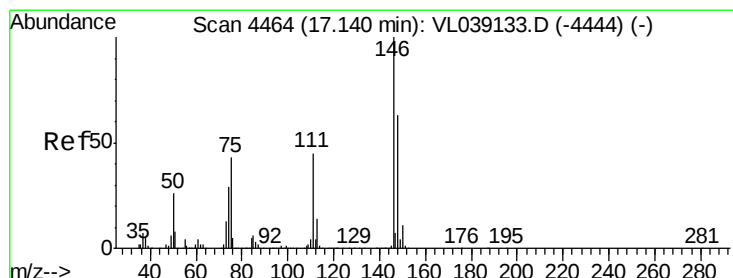
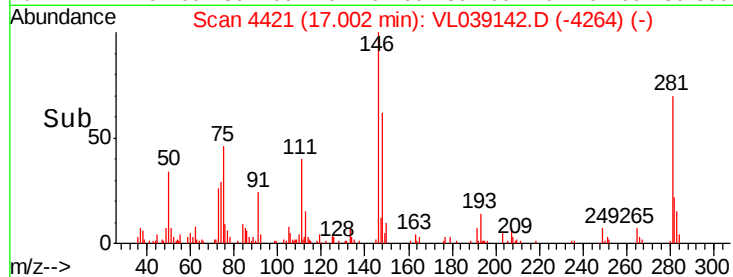
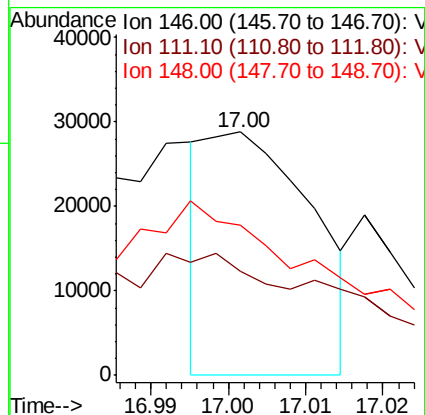
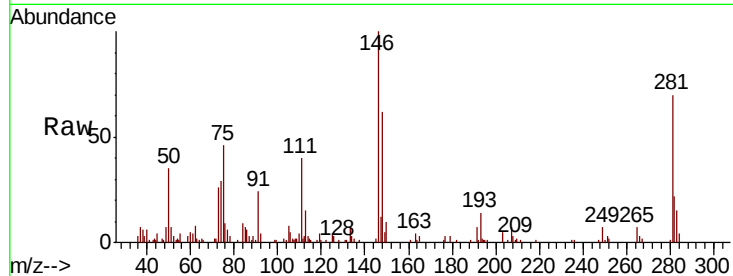
Tot Ion:146 Resp: 27093

Ion Ratio Lower Upper

146 100

111 177.9 23.8 71.4#

148 232.0 32.4 97.0#



#76

1,4-Dichlorobenzene

Concen: 60.537 ppbv

RT: 17.14 min Scan# 4463

Delta R.T. -0.00 min

Lab File: VL039142.D

Acq: 1 Jun 2022 00:00

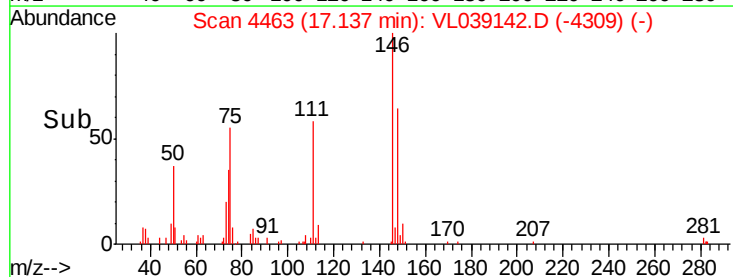
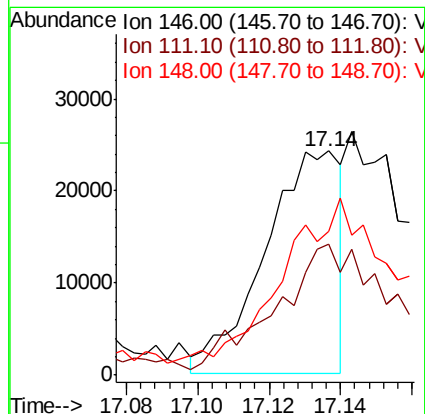
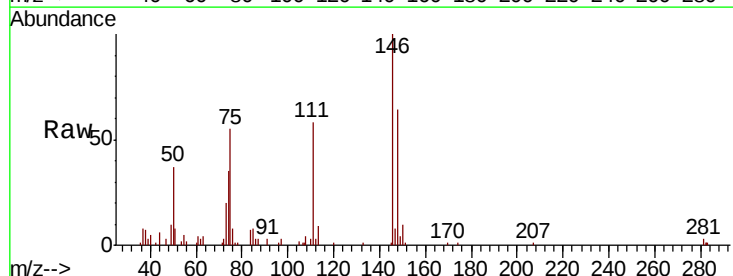
Tgt Ion:146 Resp: 35731

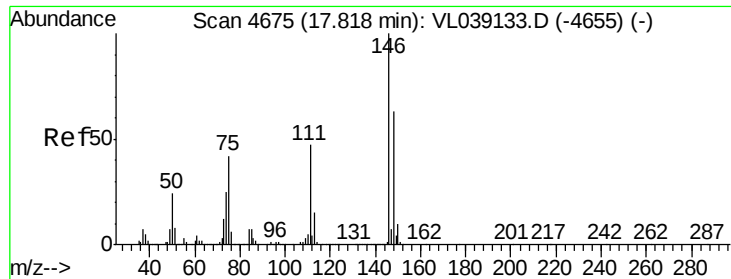
Ion Ratio Lower Upper

146 100

111 127.4 23.6 71.0#

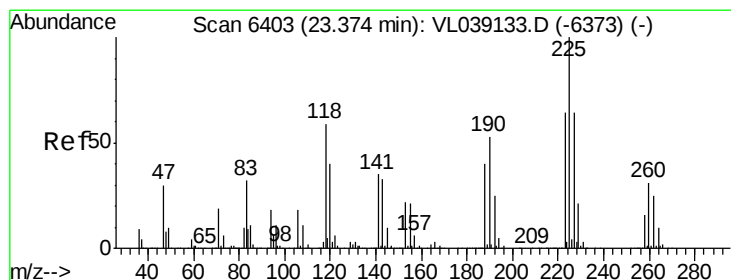
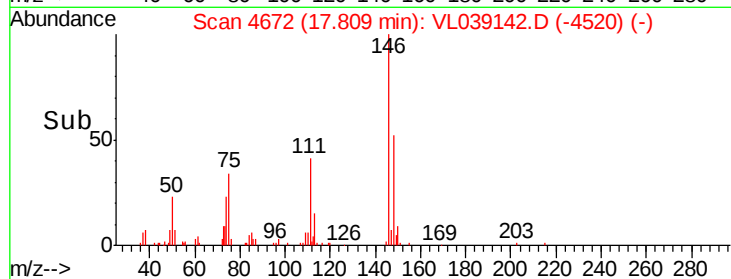
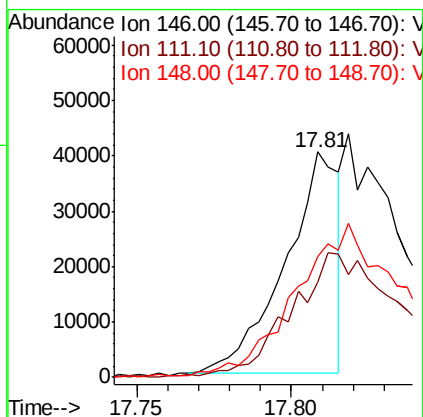
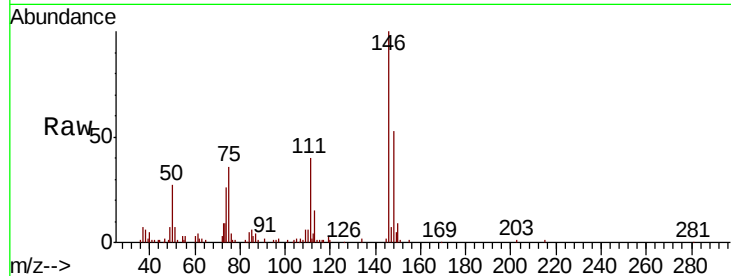
148 0.0 33.7 101.0#





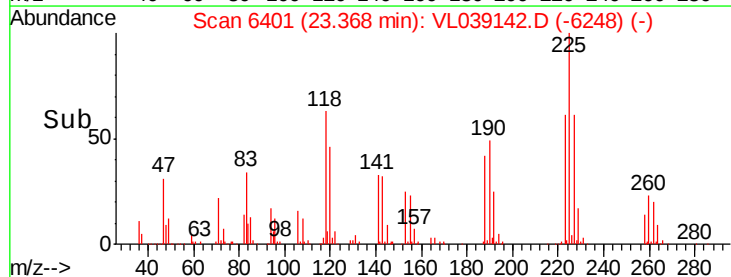
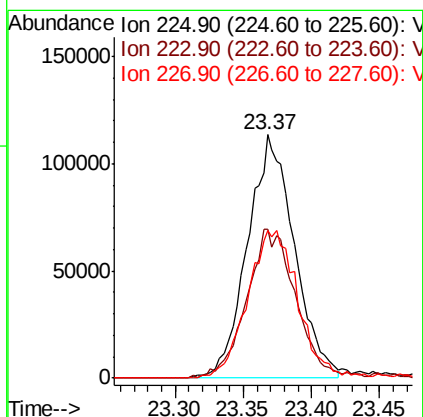
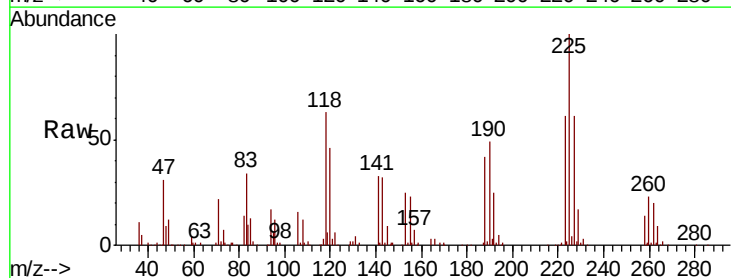
#77
 1,2-Dichlorobenzene
 Concen: 79.808 ppbv
 RT: 17.81 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId:
 Acq: 1 Jun 2022 00:00

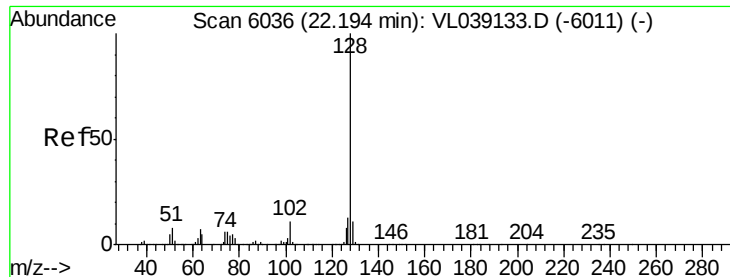
Tot Ion	Ratio	Lower	Upper
146	100		
111	139.8	24.4	73.4#
148	0.0	32.1	96.5#



#78
 Hexachloro-1,3-Butadiene
 Concen: 496.673 ppbv
 RT: 23.37 min Scan# 6401
 Delta R.T. -0.01 min
 Lab File: VL039142.D
 Acq: 1 Jun 2022 00:00

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.1	51.4	77.0
227	66.4	50.6	75.8





#79

Naphthalene

Concen: 201.721 ppbv

RT: 22.19 min

Delta R.T. 0.00 min

Lab File: VL039142.D

Acq: 1 Jun 2022 00:00

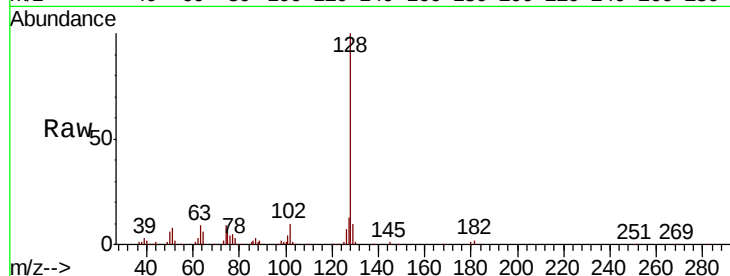
Tot Ion: 128 Resp: 162298

Ion Ratio Lower Upper

128 100

127 11.6 10.4 15.6

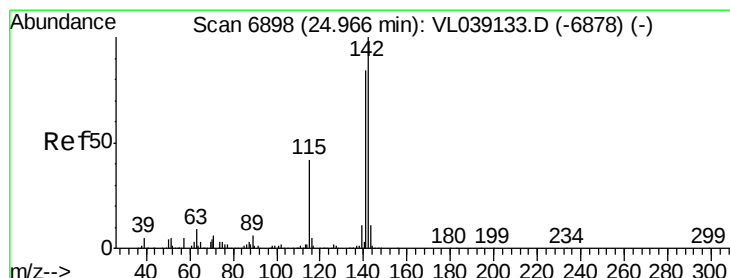
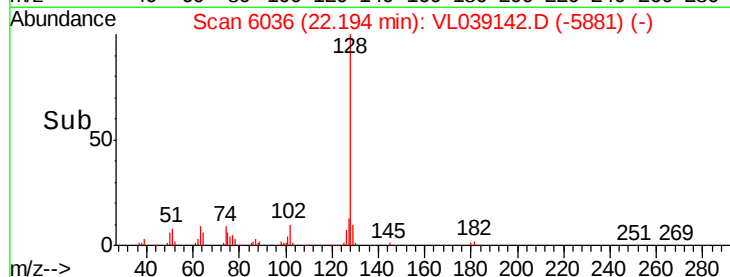
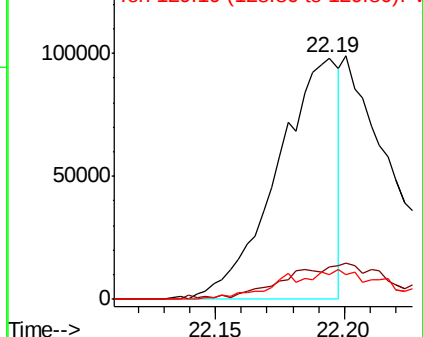
129 10.2 9.0 13.6



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: 216.389 ppbv

RT: 24.97 min Scan# 6899

Delta R.T. 0.00 min

Lab File: VL039142.D

Acq: 1 Jun 2022 00:00

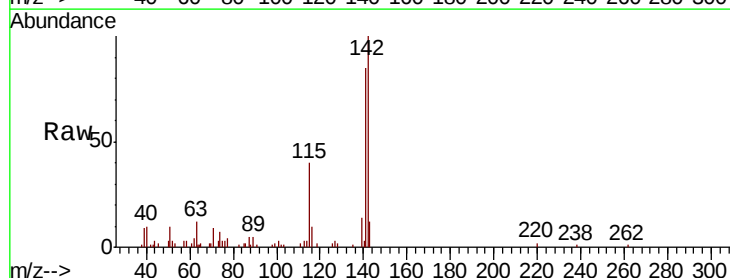
Tgt Ion: 142 Resp: 64683

Ion Ratio Lower Upper

142 100

141 90.7 64.6 96.8

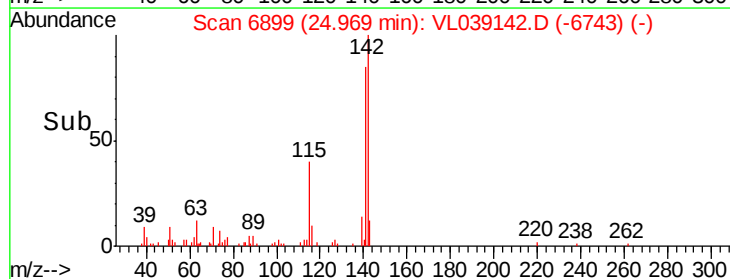
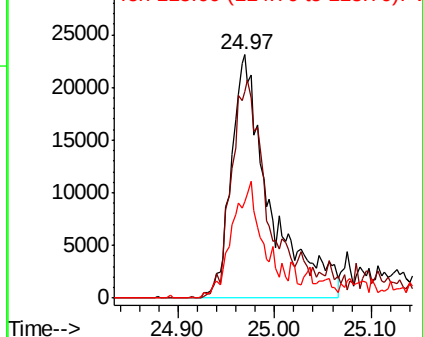
115 41.5 32.7 49.1

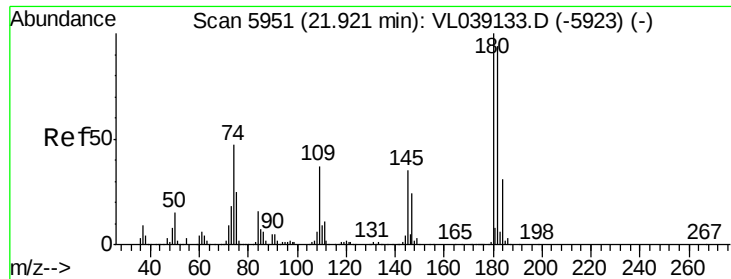


Abundance Ion 142.00 (141.70 to 142.70): V

Ion 141.00 (140.70 to 141.70): V

Ion 115.00 (114.70 to 115.70): V





#81

1,2,4-Trichlorobenzene

Concen: 174.042 ppbv

RT: 21.92 Instrument :

Delta R.T MSVOA_L

Lab File: ClientSampleId :

Acq: 1 Jun 2022 00:00

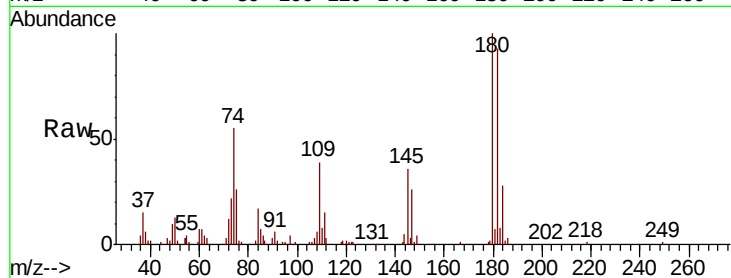
Tot Ion:180 Resp: 88710

Ion Ratio Lower Upper

180 100

182 196.7 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

