

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL060122\
 Data File : VL039142.D
 Acq On : 1 Jun 2022 9:34
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VSTDCCC010

Quant Time: Jun 02 00:35:31 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL053122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 01 01:22:18 2022
 QLast Update : Wed Jun 01 01:22:18 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1313638	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3154509	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	3696768	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2574650	8.42	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	84.20%

Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.05	85	1826837	7.918 ppbv	99
3) Chlorodifluoromethane	2.99	51	1502459	8.989 ppbv	99
4) Chloromethane	3.14	50	792355	9.229 ppbv	99
5) Vinyl Chloride	3.26	62	772192	9.621 ppbv	96
6) Bromomethane	3.48	94	370122	9.374 ppbv	94
7) Chloroethane	3.56	64	262932	9.402 ppbv	98
8) Dichlorotetrafluoroethane	3.19	85	1931338	9.159 ppbv	99
9) Propene	3.02	41	619252	8.497 ppbv	100
10) Heptane	8.12	43	1572943	9.252 ppbv	100
11) Trichlorofluoromethane	3.95	101	1944102	9.308 ppbv	98
12) 1,1,2-Trichlorotrifluoroet	4.49	101	1356162	9.819 ppbv	100
13) Ethanol	3.60	45	32813	8.256 ppbv #	100
14) Bromoethene	3.74	108	595037	9.583 ppbv	98
15) Acetone	3.85	43	1274766	9.316 ppbv	100
16) 1,3-Butadiene	3.33	39	703805	9.568 ppbv	98
17) tert-Butyl alcohol	4.29	59	1001565	9.436 ppbv	98
18) 1,1-Dichloroethene	4.29	96	619348	9.996 ppbv	93
19) Isopropyl Alcohol	3.96	45	599008	9.333 ppbv #	98
20) Methylene Chloride	4.34	84	487022	8.446 ppbv	99
21) Allyl Chloride	4.41	41	896729	9.714 ppbv	97
22) trans-1,2-Dichloroethene	4.89	96	655277	10.992 ppbv	97
23) Vinyl Acetate	5.07	43	913075	8.065 ppbv	98
24) 1,1-Dichloroethane	5.01	63	1204469	7.765 ppbv	98
25) Ethyl Acetate	5.67	43	2852136	9.248 ppbv	99
26) Hexane	5.69	57	1215670	8.969 ppbv	98
27) Carbon Disulfide	4.55	76	1450123	10.323 ppbv	99
28) Methyl tert-Butyl Ether	5.03	73	1095048	7.319 ppbv	100
29) Chloroform	5.75	83	2095109	9.186 ppbv	100
30) Cyclohexane	7.13	84	1036029	9.099 ppbv	98
31) cis-1,2-Dichloroethene	5.55	61	1293733	9.361 ppbv	99
32) 1,1,1-Trichloroethane	6.51	97	2151690	9.641 ppbv	99
34) 2-Butanone	5.24	43	1715798	10.012 ppbv	100
35) Carbon Tetrachloride	7.02	117	2294171	9.964 ppbv	98
36) Benzene	6.89	78	2450650	9.569 ppbv	99
37) 1,2-Dichloroethane	6.30	62	1718522	10.196 ppbv	100
38) Trichloroethene	7.83	130	1220448	10.375 ppbv	97
39) 1,2-Dichloropropane	7.61	63	977949	9.600 ppbv	96
40) 1,4-Dioxane	7.82	88	140630	4.193 ppbv #	1
41) Tetrahydrofuran	6.05	42	983571	9.542 ppbv	99
42) Bromodichloromethane	7.79	83	2354062	10.064 ppbv	99
43) Methyl Methacrylate	8.01	69	1015943	10.184 ppbv	99

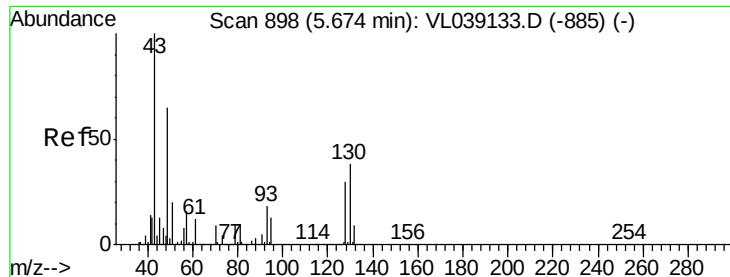
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL060122\
 Data File : VL039142.D
 Acq On : 1 Jun 2022 9:34
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Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Quant Time: Jun 02 00:35:31 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	7.87	57	4245860	9.477	ppbv	99
45) t-1,3-Dichloropropene	9.28	75	1159662	11.162	ppbv	99
46) cis-1,3-Dichloropropene	8.70	75	1451562	10.576	ppbv	96
47) 1,1,2-Trichloroethane	9.47	97	1016829	9.568	ppbv	99
48) Dibromochloromethane	10.30	129	1930388	10.173	ppbv	99
49) Bromoform	13.03	173	1602592	10.134	ppbv	99
50) 4-Methyl-2-Pentanone	8.74	43	2575699	10.040	ppbv	99
51) 2-Hexanone	10.13	43	2036612	10.203	ppbv #	98
52) Tetrachloroethene	11.22	164	936309	9.364	ppbv	96
53) Toluene	9.80	91	2881603	9.772	ppbv	100
54) 1,2-Dibromoethane	10.61	107	1467257	10.274	ppbv	96
56) 1,1,1,2-Tetrachloroethane	12.12	131	1324684	7.573	ppbv	97
57) Chlorobenzene	12.14	112	2115424	7.605	ppbv	97
58) Ethyl Benzene	12.71	91	3951452	7.760	ppbv	99
59) m/p-Xylene	12.99	91	3553286	7.924	ppbv #	39
60) o-Xylene	13.69	91	3264983	7.749	ppbv	99
61) Styrene	13.52	104	1852733	8.211	ppbv	99
62) Isopropylbenzene	14.66	105	4725815	7.546	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.67	83	1729755	7.314	ppbv	100
64) n-propylbenzene	15.55	120	1231134	7.997	ppbv	99
65) tert-Butylbenzene	16.74	119	4330423	7.562	ppbv	98
66) Benzyl Chloride	16.98	91	714995	9.602	ppbv	97
67) sec-Butylbenzene	17.28	105	6018237	7.702	ppbv	100
69) p-Isopropyltoluene	17.64	119	5090089	7.721	ppbv	100
70) n-Butylbenzene	18.54	91	5370284	7.936	ppbv	100
71) 2-Chlorotoluene	15.45	91	3657514	7.658	ppbv	100
72) 4-Ethyltoluene	15.83	105	3930092	7.958	ppbv	98
73) 1,3,5-Trimethylbenzene	15.99	105	3547109	7.964	ppbv	97
74) 1,2,4-Trimethylbenzene	16.75	105	3864170	7.774	ppbv	97
75) 1,3-Dichlorobenzene	16.99	146	2220793	7.893	ppbv	100
76) 1,4-Dichlorobenzene	17.13	146	2145061	7.642	ppbv	99
77) 1,2-Dichlorobenzene	17.81	146	2165941	7.638	ppbv	100
78) Hexachloro-1,3-Butadiene	23.37	225	1871414	7.217	ppbv	99
79) Naphthalene	22.18	128	3467395	9.062	ppbv	100
80) Naphthalene, 2-methyl-	24.96	142	1228805	8.644	ppbv	91
81) 1,2,4-Trichlorobenzene	21.91	180	1961613	8.092	ppbv #	100

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDCCC010

Acq: 1 Jun 2022 9:34

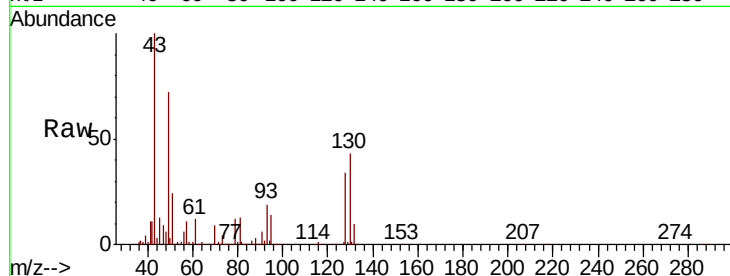
Tot Ion: 49 Resp: 1313638

Ion Ratio Lower Upper

49 100

128 48.1 24.7 74.1

130 62.6 31.4 94.0



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V

800000

600000

400000

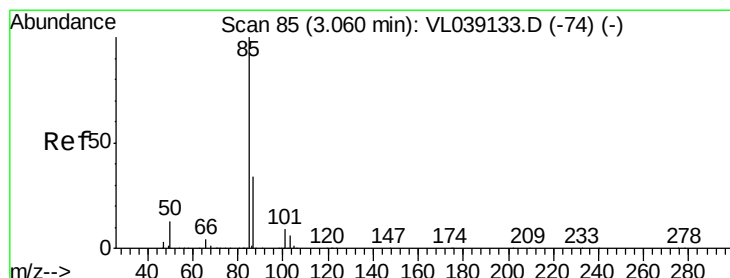
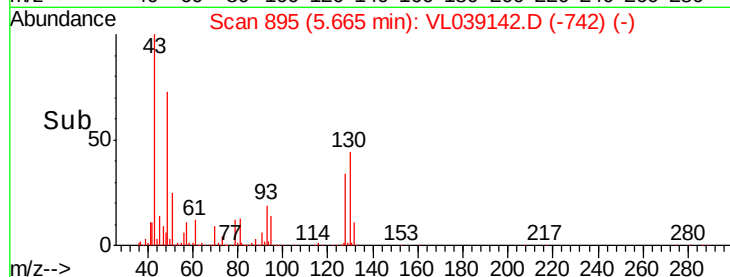
200000

0

5.66

5.60 5.65 5.70 5.75

Time-->



#2

Dichlorodifluoromethane

Concen: 7.918 ppbv

RT: 3.05 min Scan# 83

Delta R.T. -0.01 min

Lab File: VL039142.D

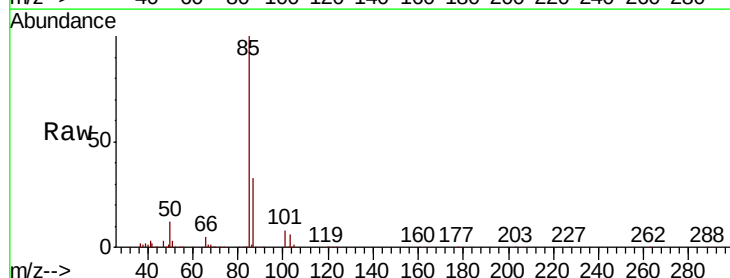
Acq: 1 Jun 2022 9:34

Tgt Ion: 85 Resp: 1826837

Ion Ratio Lower Upper

85 100

87 33.1 26.9 40.3



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0

1000000

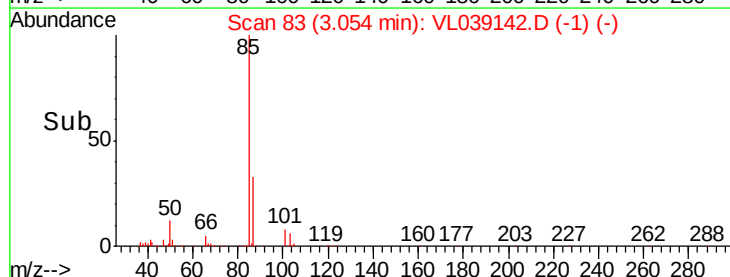
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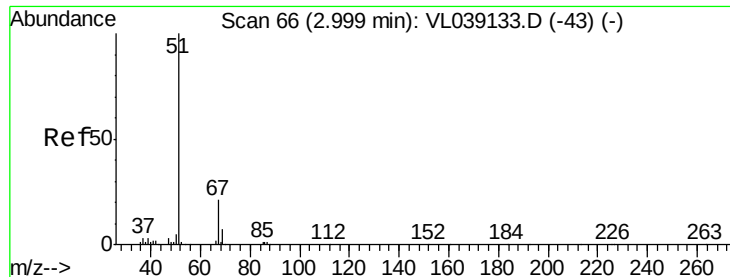
0

3.05

3.00 3.10 3.20

Time-->





#3

Chlorodifluoromethane

Concen: 8.989 ppbv

RT: 2.99 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDCCC010

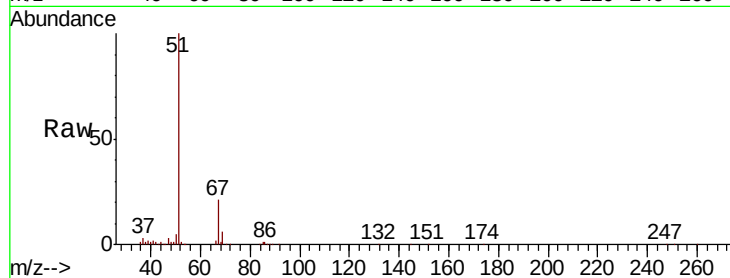
Acq: 1 Jun 2022 9:34

Tot Ion: 51 Resp: 1502459

Ion Ratio Lower Upper

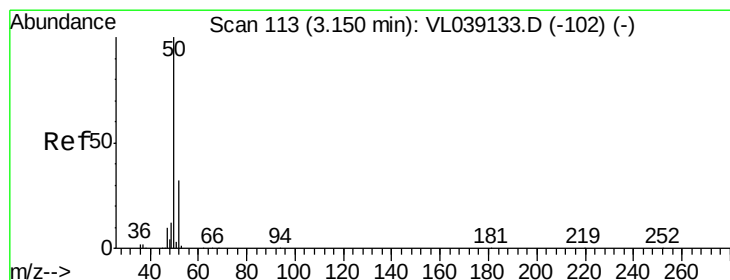
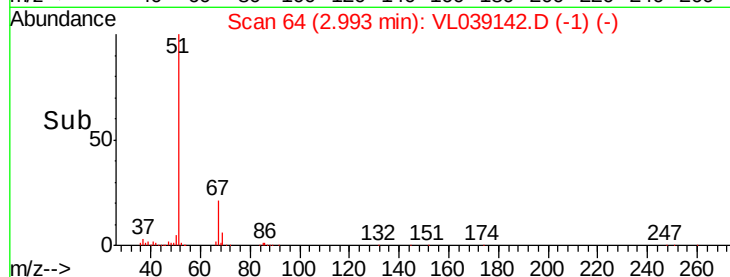
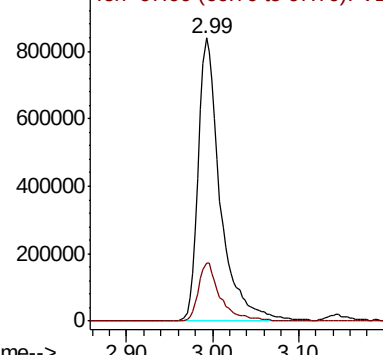
51 100

67 20.5 16.2 24.4



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 9.229 ppbv

RT: 3.14 min Scan# 111

Delta R.T. -0.01 min

Lab File: VL039142.D

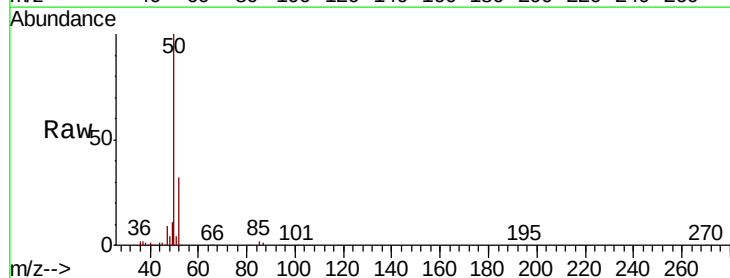
Acq: 1 Jun 2022 9:34

Tgt Ion: 50 Resp: 792355

Ion Ratio Lower Upper

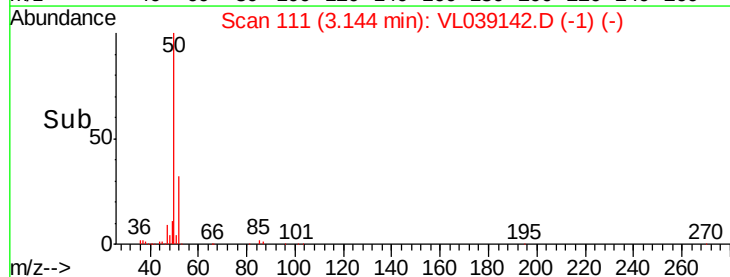
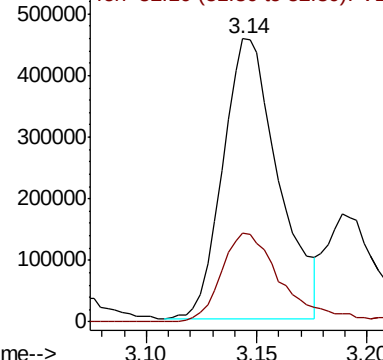
50 100

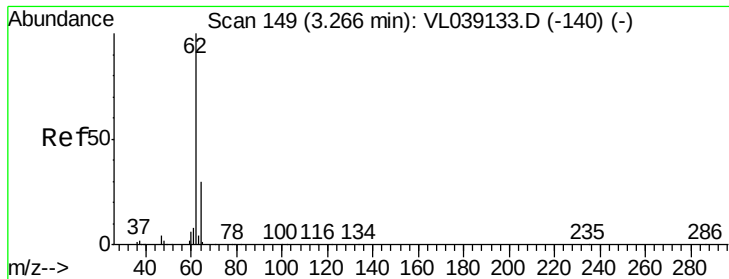
52 31.9 25.9 38.9



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#5

Vinyl Chloride

Concen: 9.621 ppbv

RT: 3.26 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

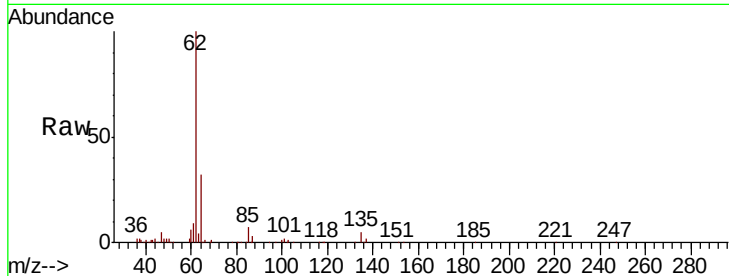
Acq: 1 Jun 2022 9:34 VSTDCCC010

Tot Ion: 62 Resp: 772192

Ion Ratio Lower Upper

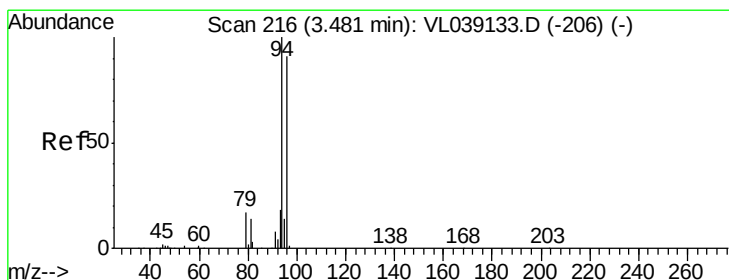
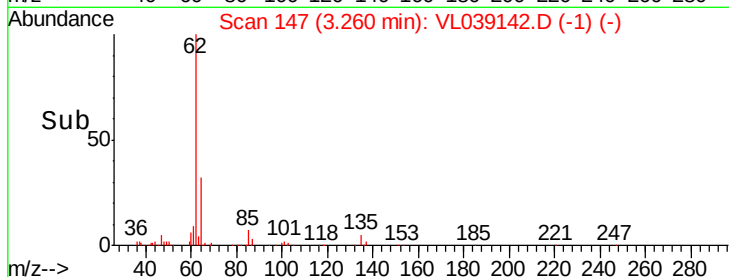
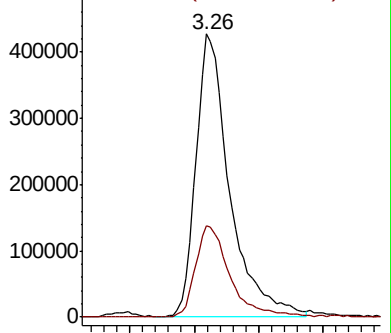
62 100

64 32.2 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: 9.374 ppbv

RT: 3.48 min Scan# 215

Delta R.T. -0.00 min

Lab File: VL039142.D

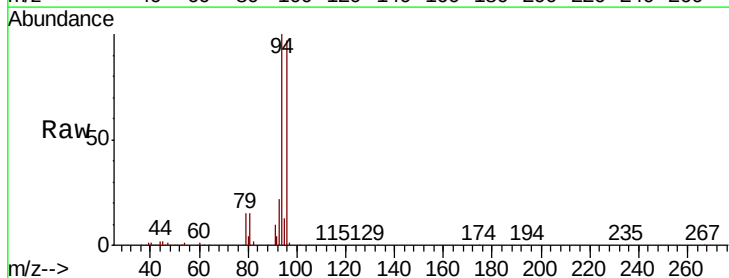
Acq: 1 Jun 2022 9:34

Tgt Ion: 94 Resp: 370122

Ion Ratio Lower Upper

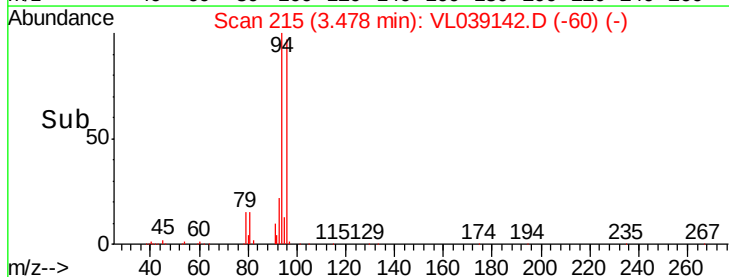
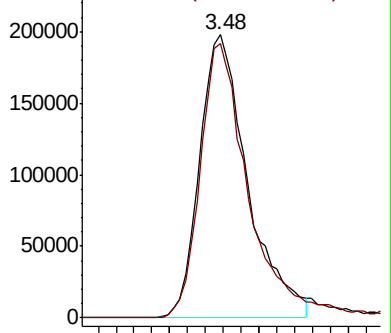
94 100

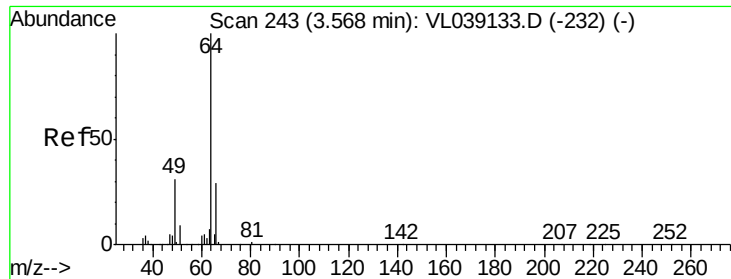
96 96.8 73.0 109.4



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0





#7

Chloroethane

Concen: 9.402 ppbv

RT: 3.56 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

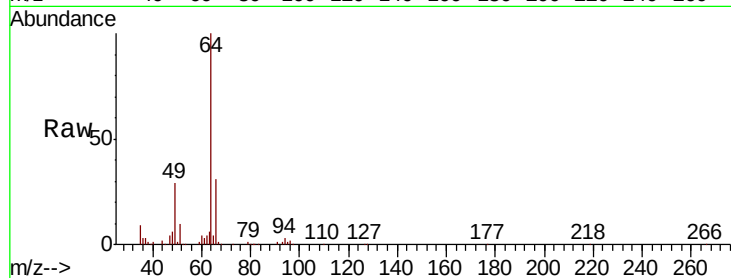
Acq: 1 Jun 2022 9:34

Tot Ion: 64 Resp: 262932

Ion Ratio Lower Upper

64 100

66 30.8 23.6 35.4



Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0

3.56

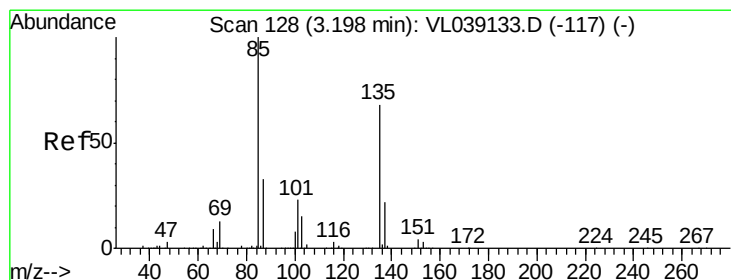
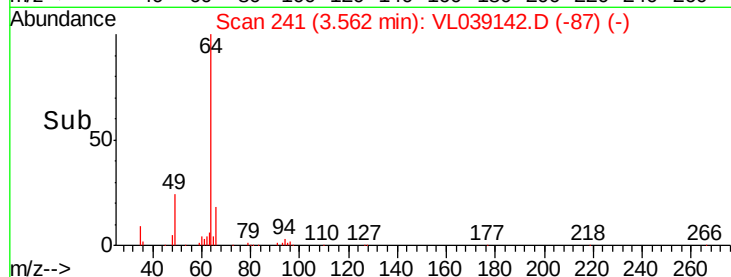
150000

100000

50000

0

Time-->



#8

Dichlorotetrafluoroethane

Concen: 9.159 ppbv

RT: 3.19 min Scan# 126

Delta R.T. -0.01 min

Lab File: VL039142.D

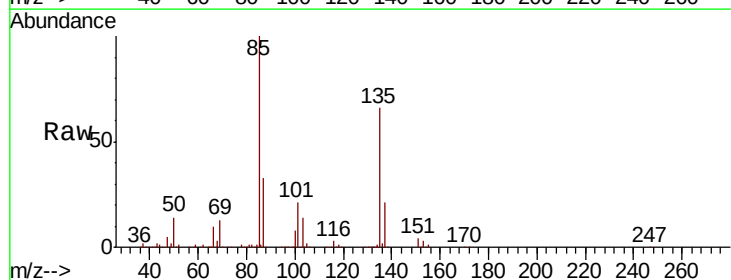
Acq: 1 Jun 2022 9:34

Tgt Ion: 85 Resp: 1931338

Ion Ratio Lower Upper

85 100

135 69.5 55.0 82.4



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V

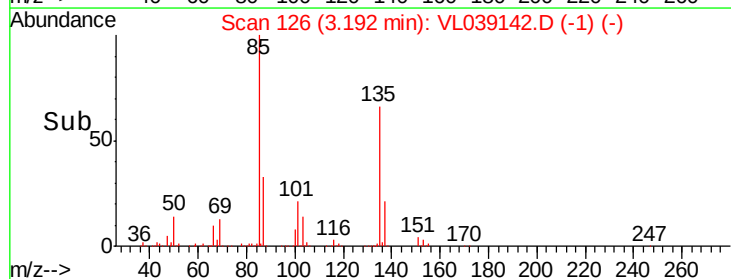
3.19

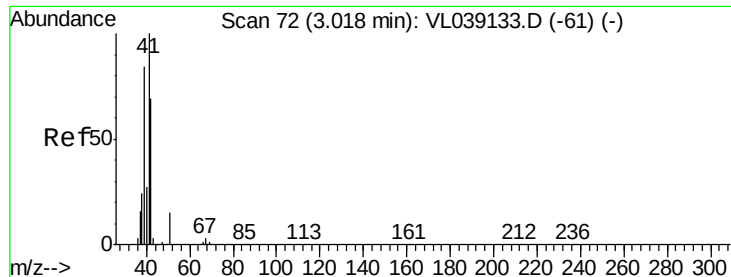
1000000

500000

0

Time-->





#9

Propene

Concen: 8.497 ppbv

RT: 3.02 Instrument: MSVOA_1

Delta R.T. -0.01 min

Lab File: ClientSampleId: VSTDCCC010

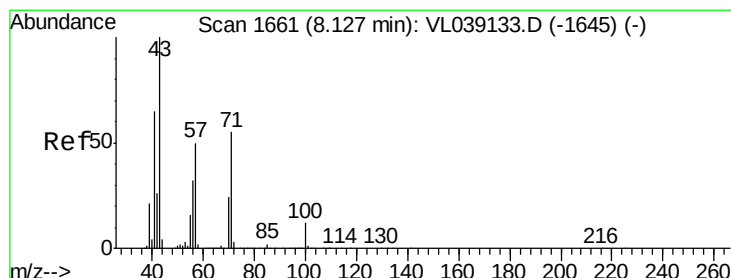
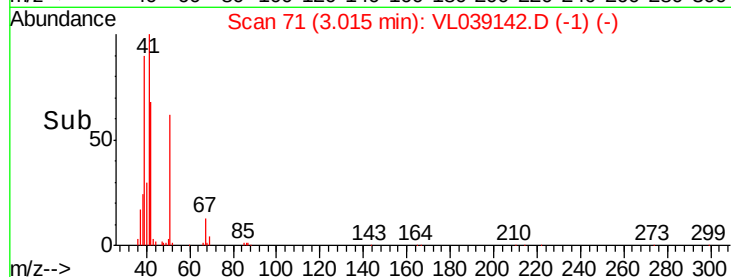
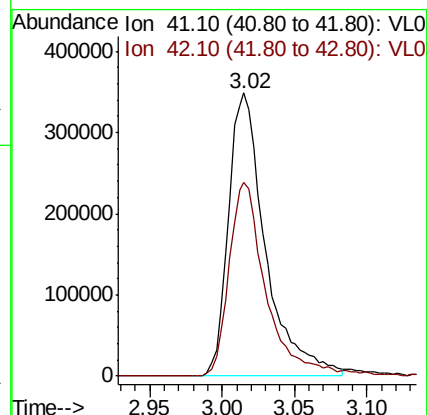
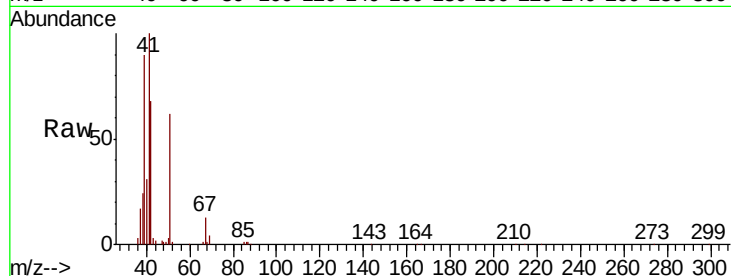
Acq: 1 Jun 2022 9:34

Tot Ion: 41 Resp: 619252

Ion Ratio Lower Upper

41 100

42 69.0 55.4 83.2



#10

Heptane

Concen: 9.252 ppbv

RT: 8.12 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VL039142.D

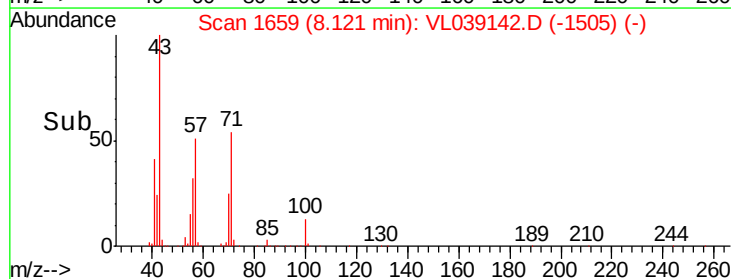
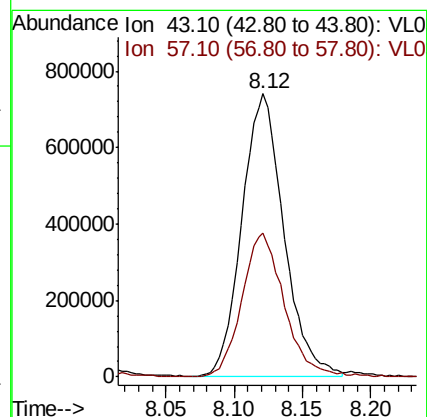
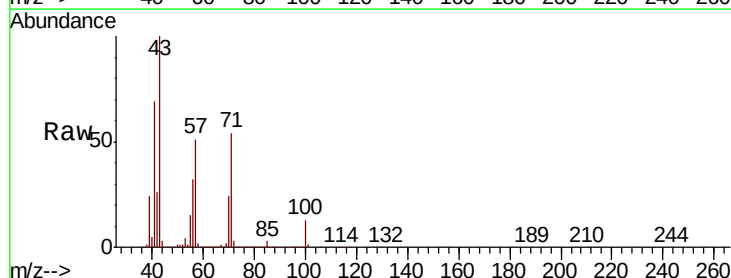
Acq: 1 Jun 2022 9:34

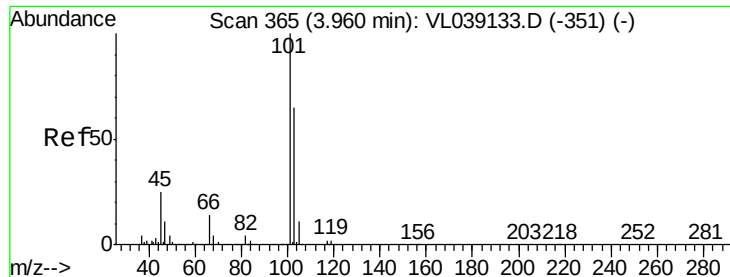
Tgt Ion: 43 Resp: 1572943

Ion Ratio Lower Upper

43 100

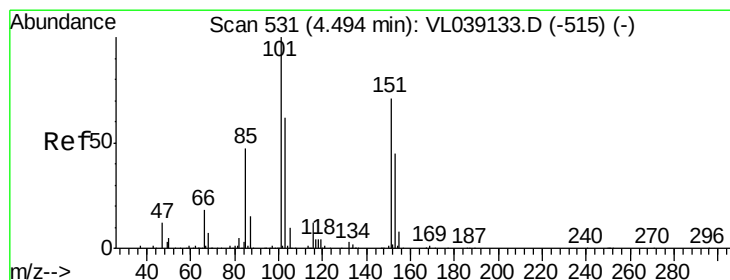
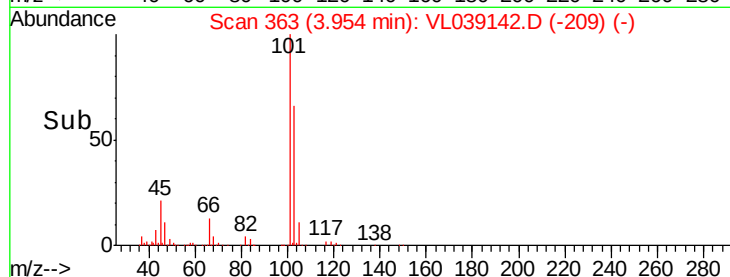
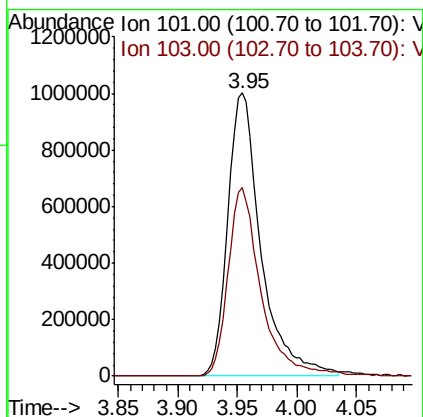
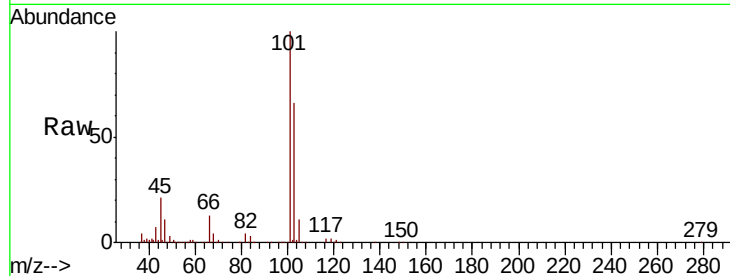
57 51.6 41.4 62.2





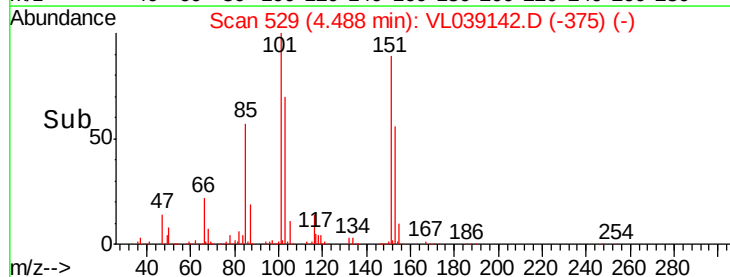
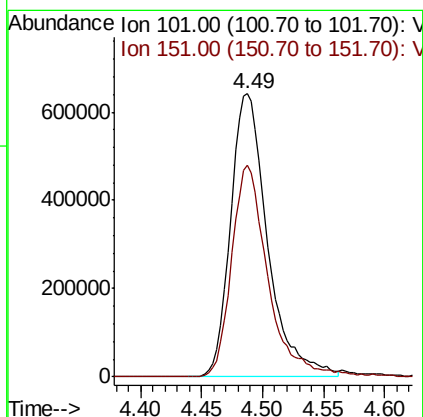
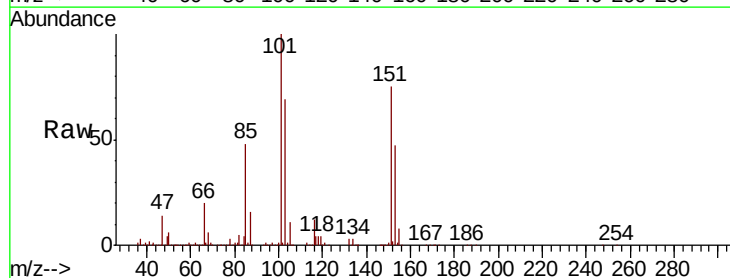
#11
 Trichlorofluoromethane
 Concen: 9.308 ppbv
 RT: 3.95
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 1 Jun 2022 9:34

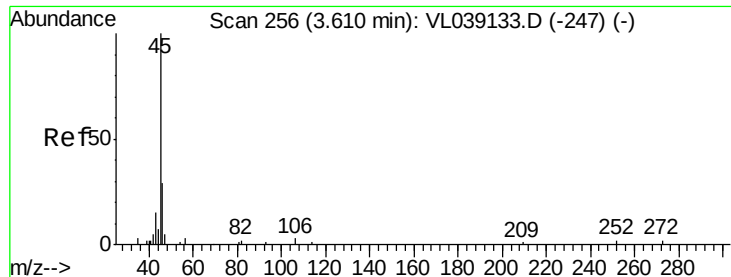
Tot Ion:101 Resp: 1944102
 Ion Ratio Lower Upper
 101 100
 103 66.5 51.7 77.5



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.819 ppbv
 RT: 4.49 min Scan# 529
 Delta R.T. -0.01 min
 Lab File: VL039142.D
 Acq: 1 Jun 2022 9:34

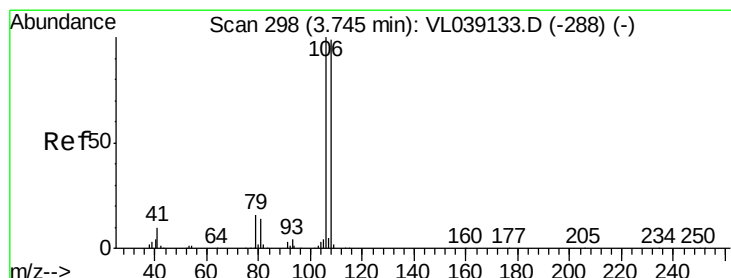
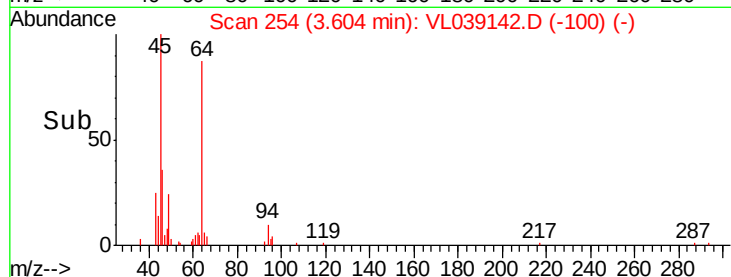
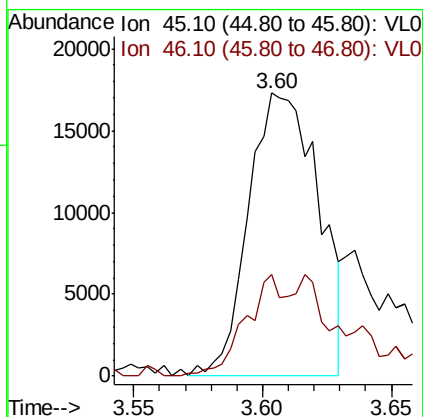
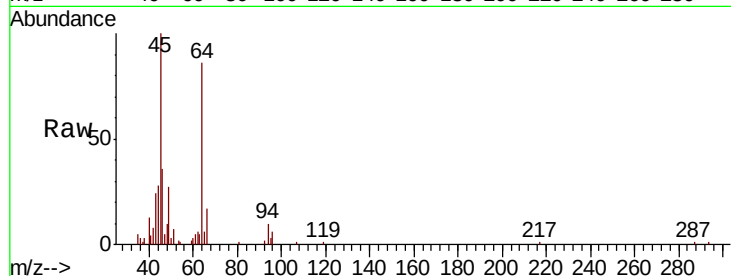
Tgt Ion:101 Resp: 1356162
 Ion Ratio Lower Upper
 101 100
 151 74.2 59.4 89.0





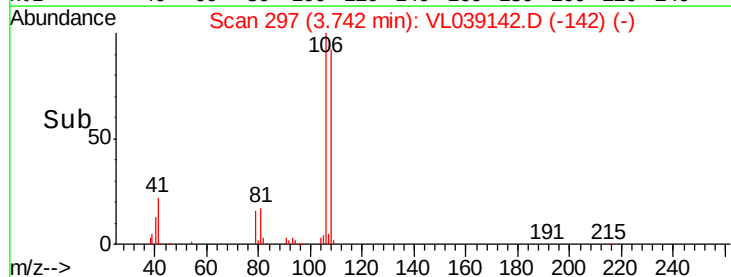
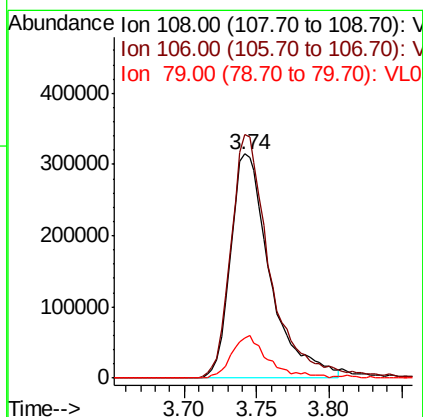
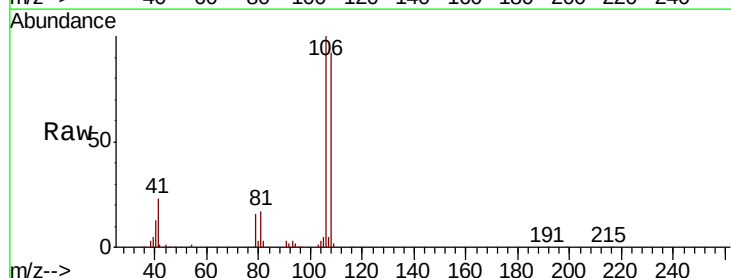
#13
Ethanol
Concen: 8.256 ppbv
RT: 3.60
Delta R.T. MSVOA_L
Lab File: ClientSampleId:
Acq: 1 Jun 2022 9:34

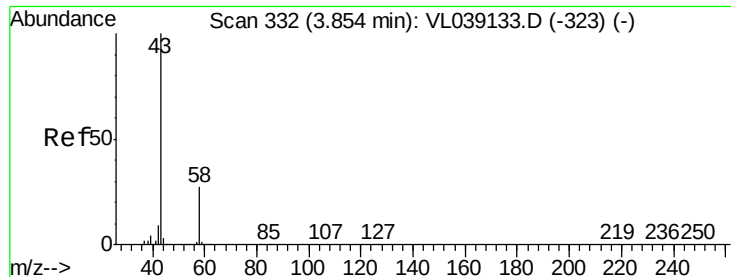
Tot Ion: 45 Resp: 32813
Ion Ratio Lower Upper
45 100
46 49.7 0.0 0.0#



#14
Bromoethene
Concen: 9.583 ppbv
RT: 3.74 min Scan# 297
Delta R.T. -0.00 min
Lab File: VL039142.D
Acq: 1 Jun 2022 9:34

Tgt Ion: 108 Resp: 595037
Ion Ratio Lower Upper
108 100
106 109.0 88.4 132.6
79 18.6 13.4 20.2





#15

Acetone

Concen: 9.316 ppbv

RT: 3.85 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDCCC010

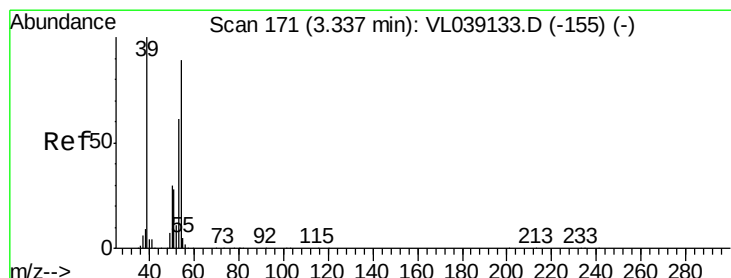
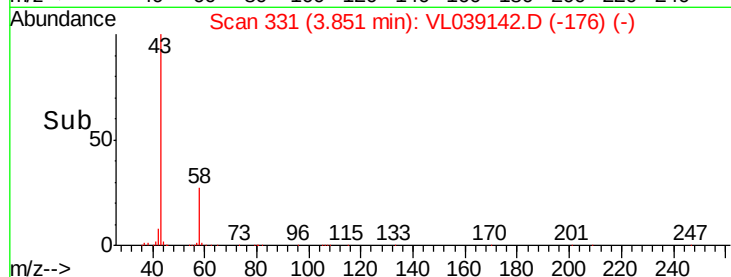
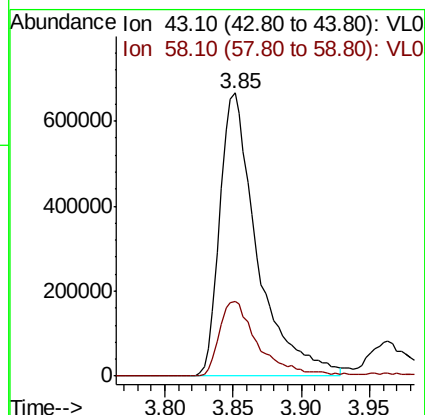
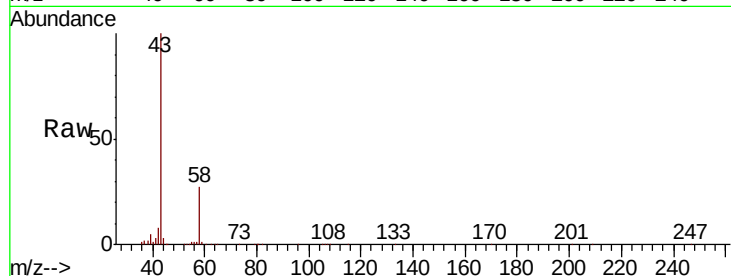
Acq: 1 Jun 2022 9:34

Tot Ion: 43 Resp: 1274766

Ion Ratio Lower Upper

43 100

58 27.8 22.5 33.7



#16

1,3-Butadiene

Concen: 9.568 ppbv

RT: 3.33 min Scan# 169

Delta R.T. -0.01 min

Lab File: VL039142.D

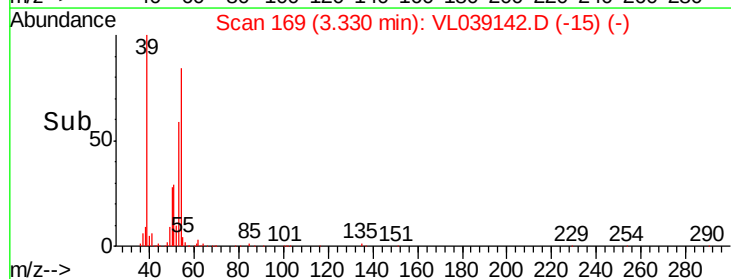
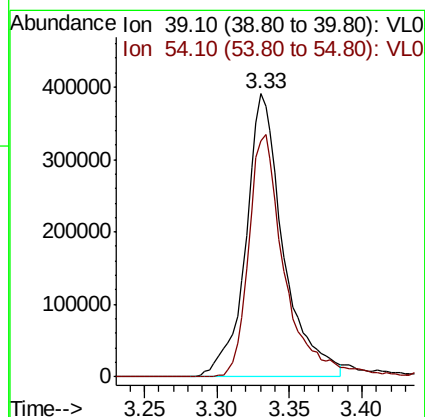
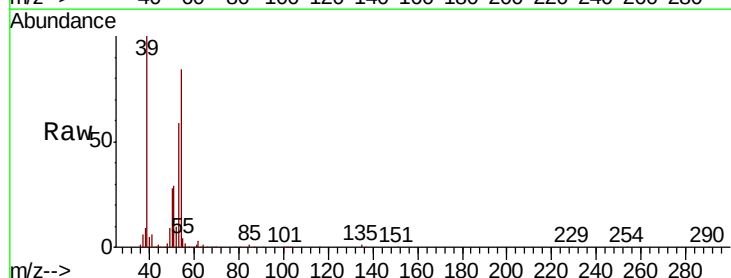
Acq: 1 Jun 2022 9:34

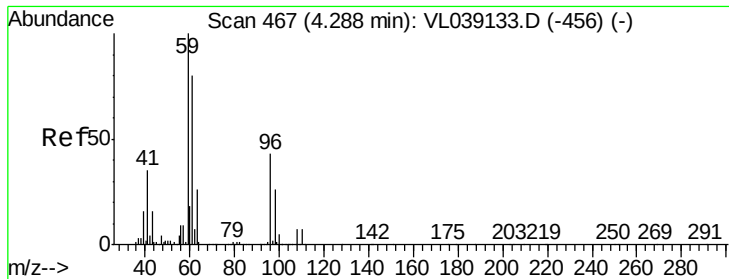
Tgt Ion: 39 Resp: 703805

Ion Ratio Lower Upper

39 100

54 83.8 65.8 98.6





#17

tert-Butyl alcohol

Concen: 9.436 ppbv

RT: 4.29 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

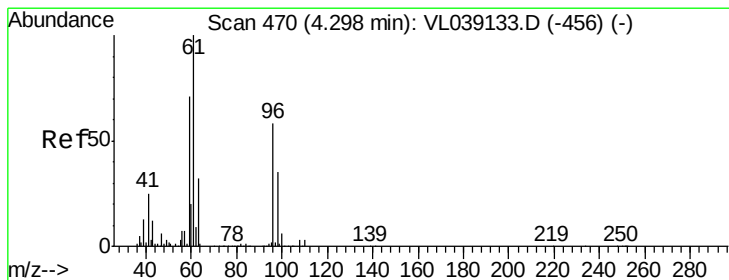
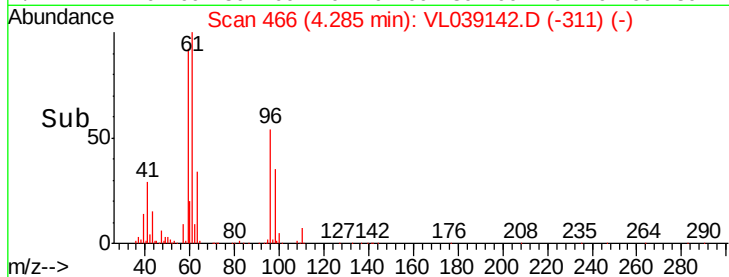
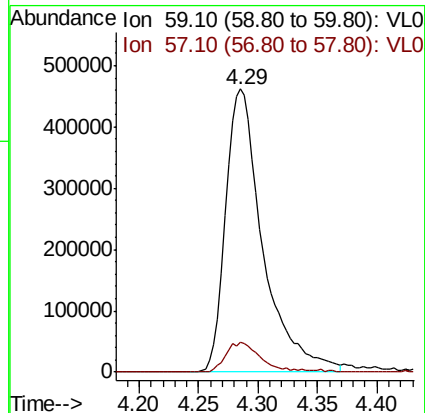
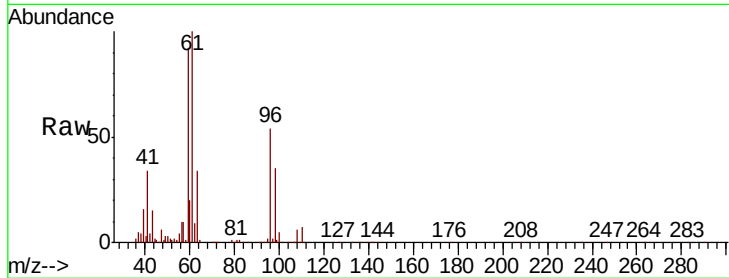
Acq: 1 Jun 2022 9:34 VSTDCCC010

Tot Ion: 59 Resp: 1001565

Ion Ratio Lower Upper

59 100

57 10.5 9.1 13.7



#18

1,1-Dichloroethene

Concen: 9.996 ppbv

RT: 4.29 min Scan# 468

Delta R.T. -0.01 min

Lab File: VL039142.D

Acq: 1 Jun 2022 9:34

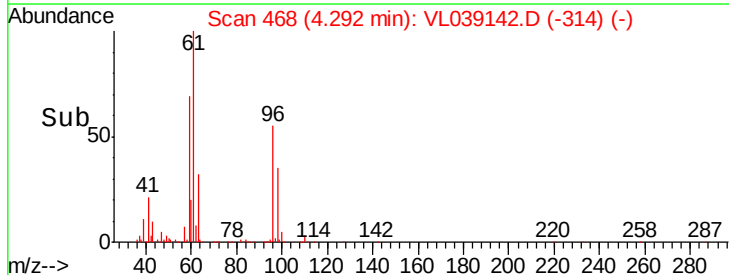
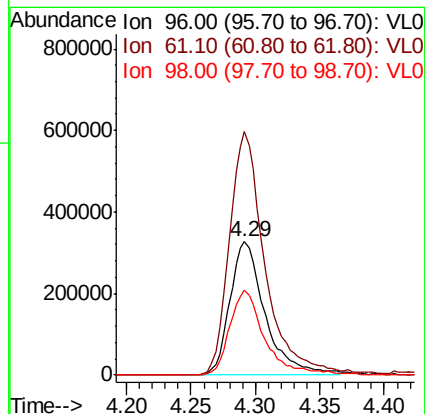
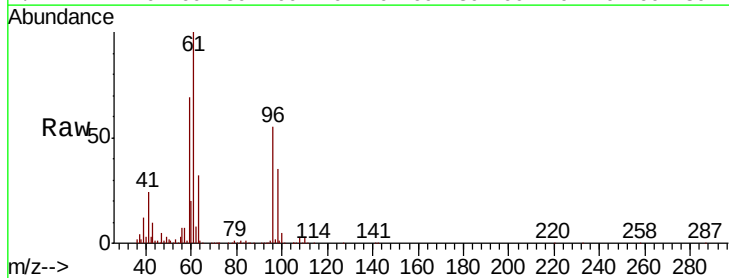
Tgt Ion: 96 Resp: 619348

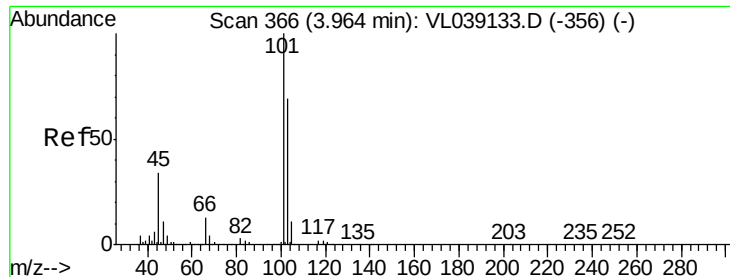
Ion Ratio Lower Upper

96 100

61 182.8 138.4 207.6

98 64.0 47.8 71.8





#19

Isopropyl Alcohol

Concen: 9.333 ppbv

RT: 3.96 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

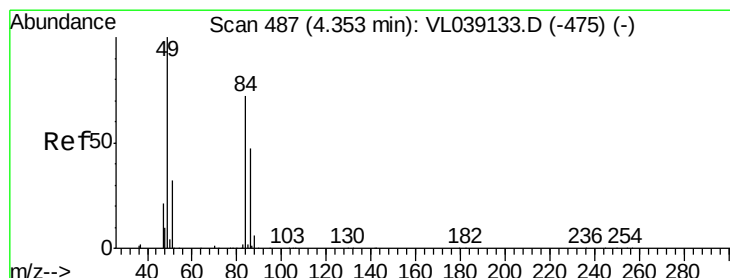
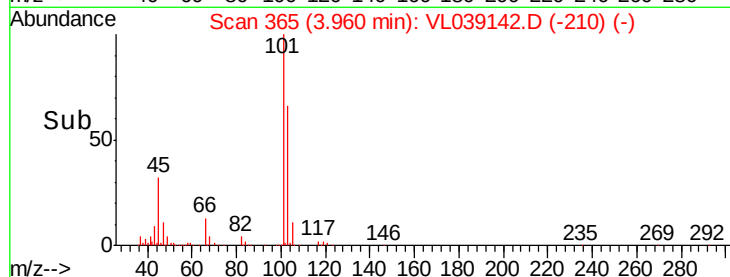
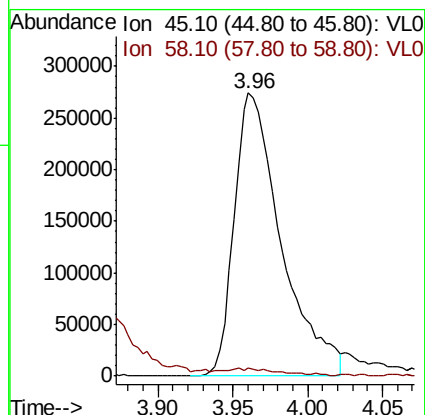
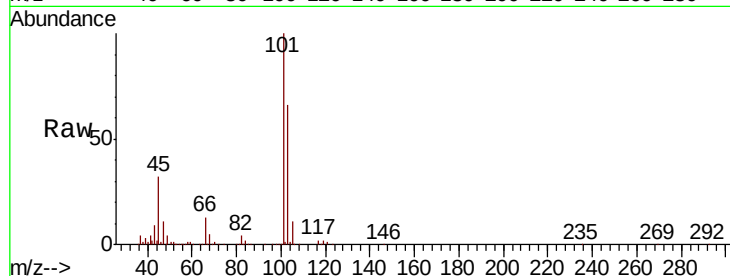
Acq: 1 Jun 2022 9:34

Tot Ion: 45 Resp: 599008

Ion Ratio Lower Upper

45 100

58 3.1 1.8 2.8#



#20

Methylene Chloride

Concen: 8.446 ppbv

RT: 4.34 min Scan# 484

Delta R.T. -0.01 min

Lab File: VL039142.D

Acq: 1 Jun 2022 9:34

Tgt Ion: 84 Resp: 487022

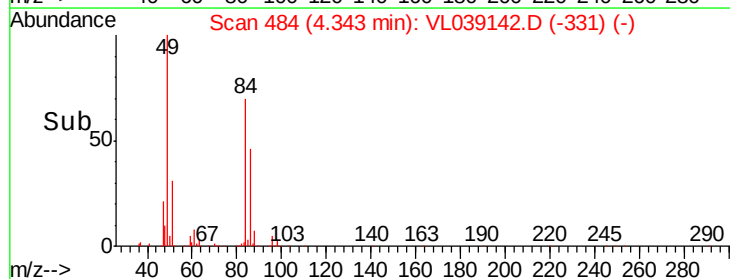
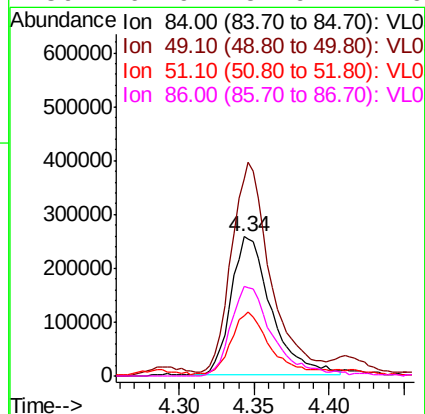
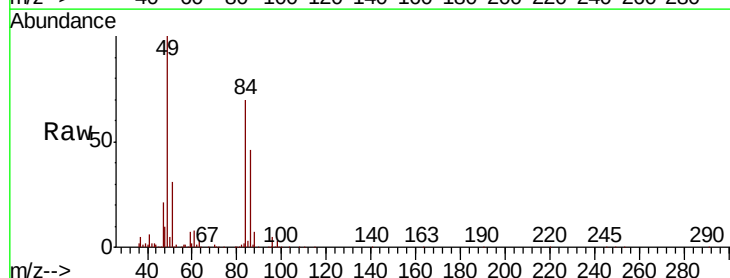
Ion Ratio Lower Upper

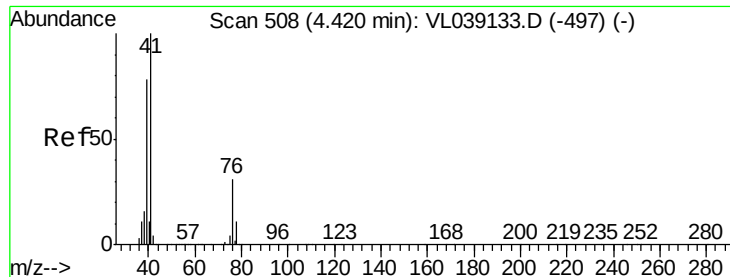
84 100

49 139.4 111.1 166.7

51 42.6 35.3 52.9

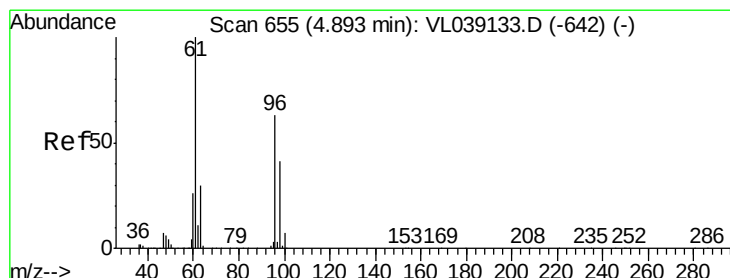
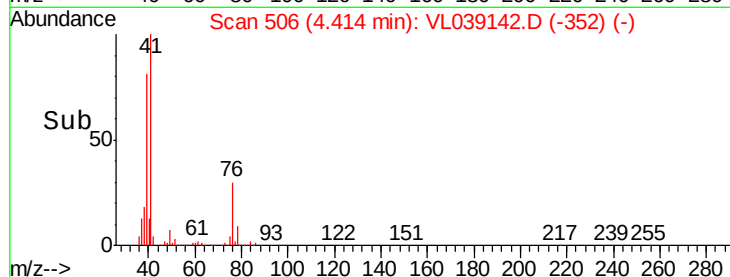
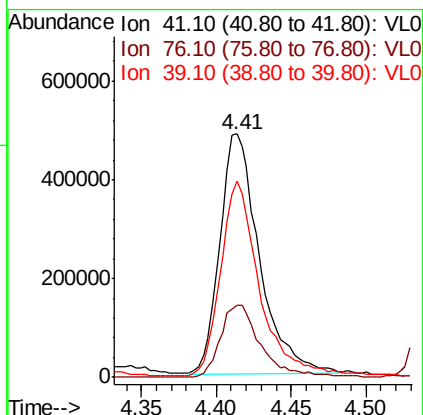
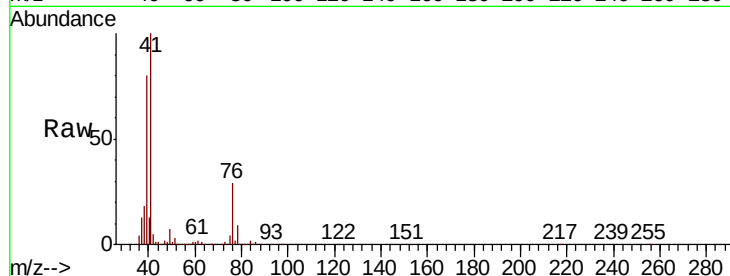
86 64.9 51.9 77.9





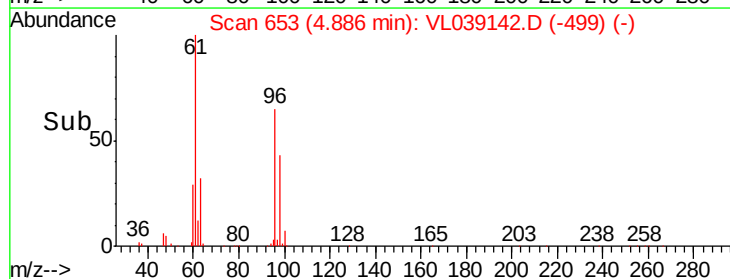
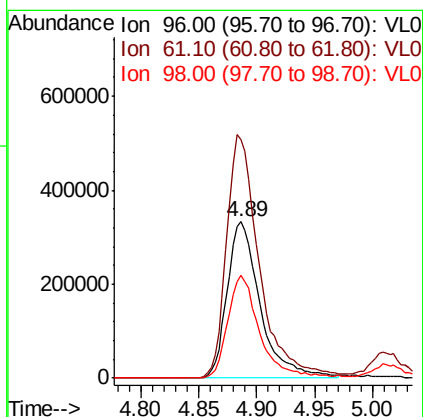
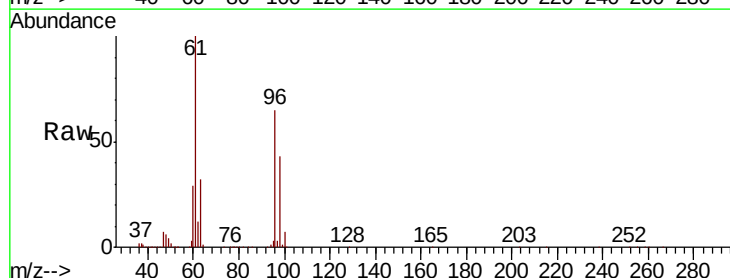
#21
 Allvl Chloride
 Concen: 9.714 ppbv
 RT: 4.41
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 1 Jun 2022 9:34

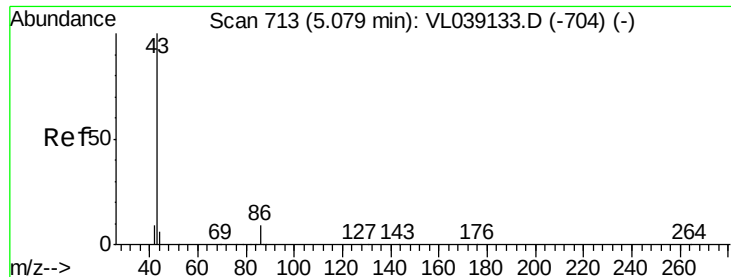
Tot Ion	Ratio	Lower	Upper
41	100		
76	30.9	24.2	36.2
39	80.3	62.2	93.2



#22
 trans-1,2-Dichloroethene
 Concen: 10.992 ppbv
 RT: 4.89 min Scan# 653
 Delta R.T. -0.01 min
 Lab File: VL039142.D
 Acq: 1 Jun 2022 9:34

Tgt Ion	Ratio	Lower	Upper
96	100		
61	152.8	126.6	190.0
98	65.5	52.5	78.7





#23

Vinyl Acetate

Concen: 8.065 ppbv

RT: 5.07 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDCCC010

Acq: 1 Jun 2022 9:34

Tot Ion: 43 Resp: 913075

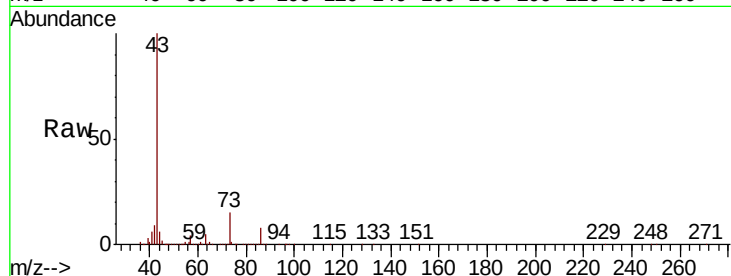
Ion Ratio Lower Upper

43 100

86 7.7 6.0 9.0

42 8.8 8.2 12.4

44 5.9 4.3 6.5

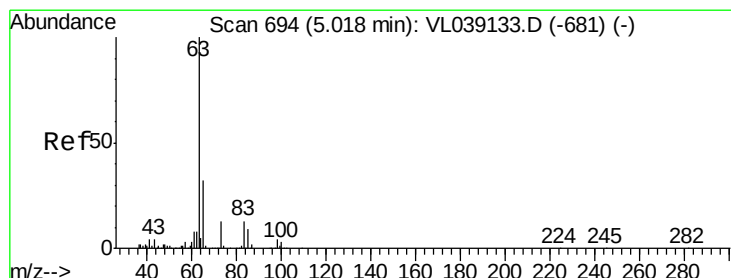
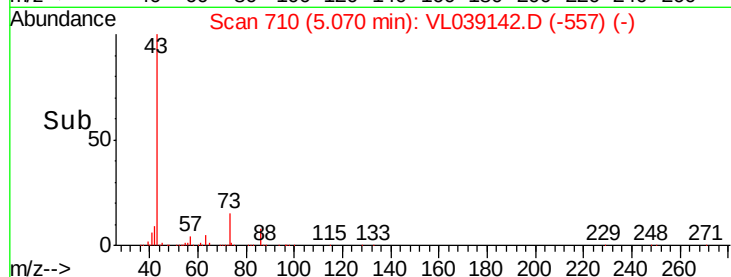
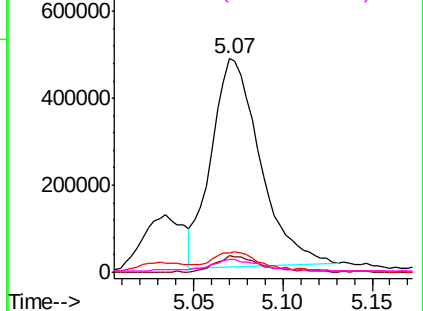


Abundance Ion 43.10 (42.80 to 43.80): VL0

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: 7.765 ppbv

RT: 5.01 min Scan# 692

Delta R.T. -0.01 min

Lab File: VL039142.D

Acq: 1 Jun 2022 9:34

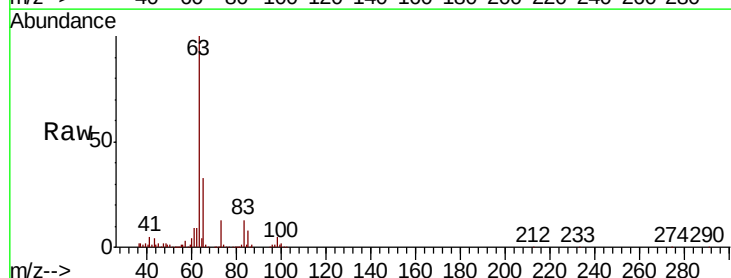
Tgt Ion: 63 Resp: 1204469

Ion Ratio Lower Upper

63 100

98 4.7 2.1 6.2

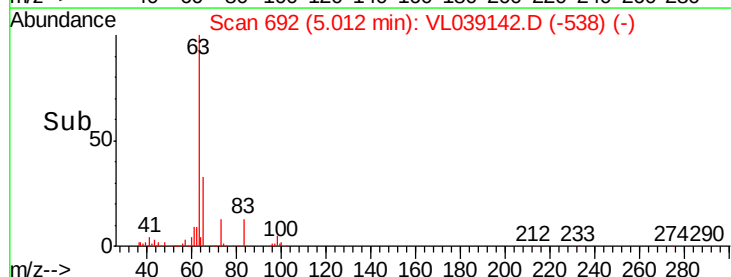
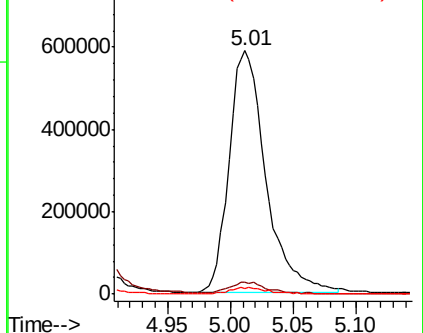
100 2.3 1.5 4.5

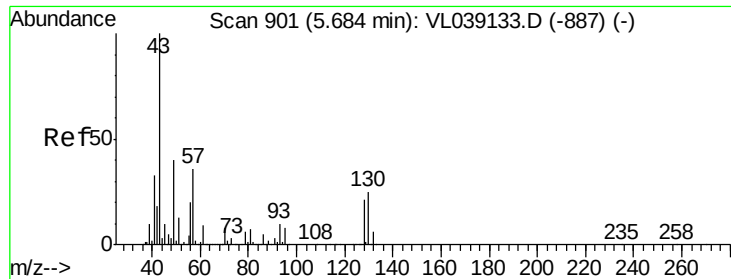


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

Ion 100.00 (99.70 to 100.70): VL0

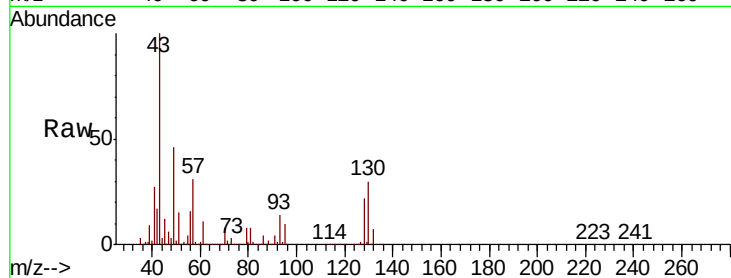




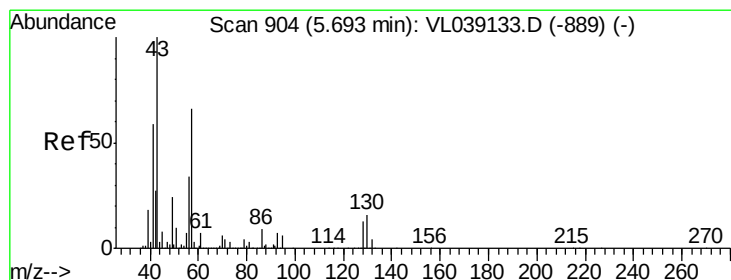
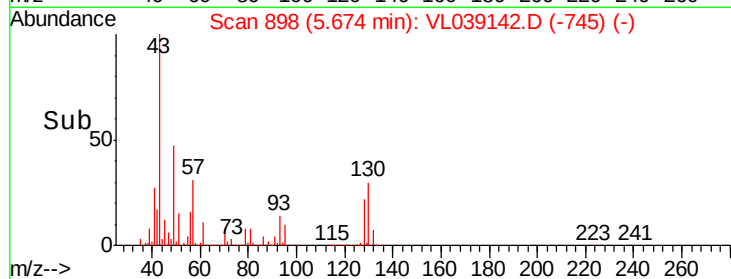
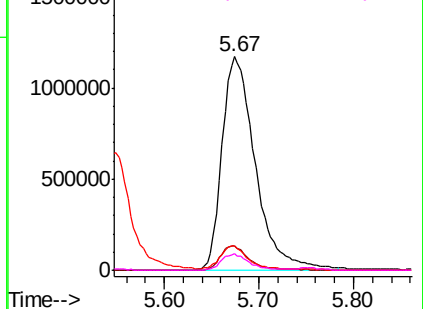
#25
Ethyl Acetate
Concen: 9.248 ppbv
RT: 5.67
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 1 Jun 2022 9:34

Tot Ion: 43 Resp: 2852136

Ion	Ratio	Lower	Upper
43	100		
45	10.2	8.2	12.2
61	9.6	8.4	12.6
70	6.6	5.6	8.4



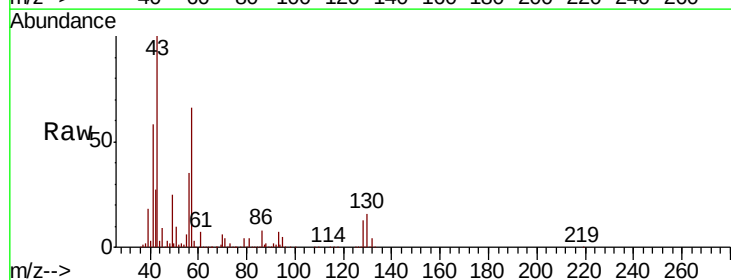
Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 45.10 (44.80 to 45.80): VL0
Ion 61.10 (60.80 to 61.80): VL0
Ion 70.10 (69.80 to 70.80): VL0



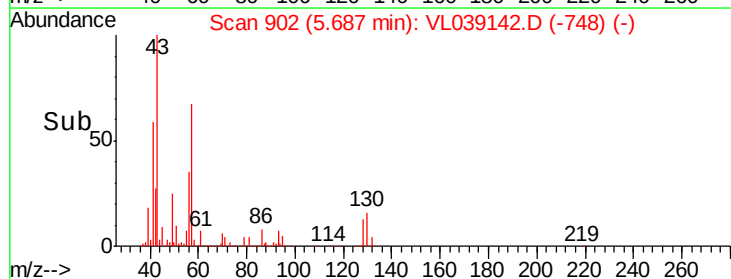
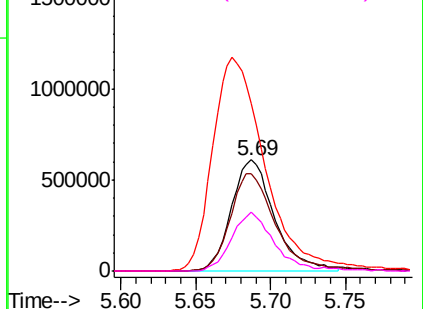
#26
Hexane
Concen: 8.969 ppbv
RT: 5.69 min Scan# 902
Delta R.T. -0.01 min
Lab File: VL039142.D
Acq: 1 Jun 2022 9:34

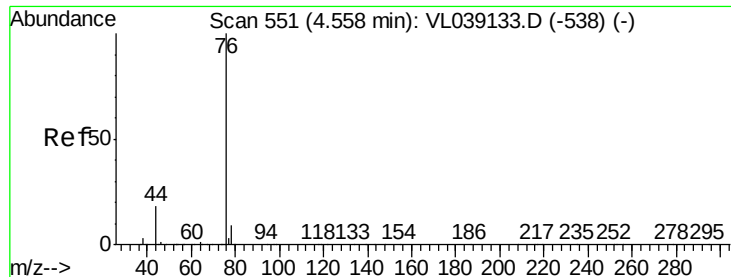
Tgt Ion: 57 Resp: 1215670

Ion	Ratio	Lower	Upper
57	100		
41	94.3	72.4	108.6
43	236.2	187.0	280.6
56	53.5	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: 10.323 ppbv

RT: 4.55 Instrument: MSVOA_1

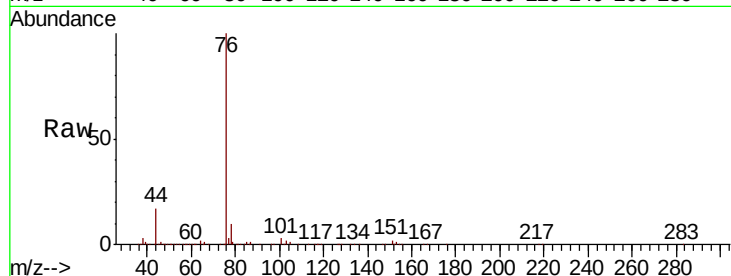
Delta R.T.

Lab File: ClientSampleId:

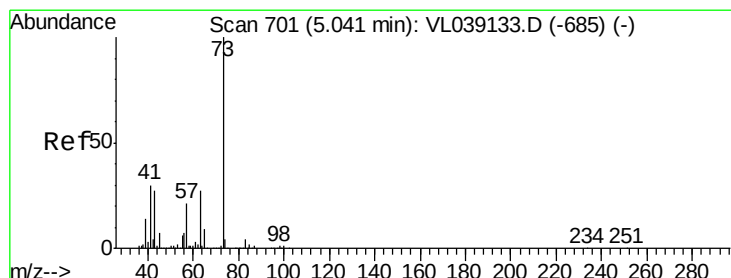
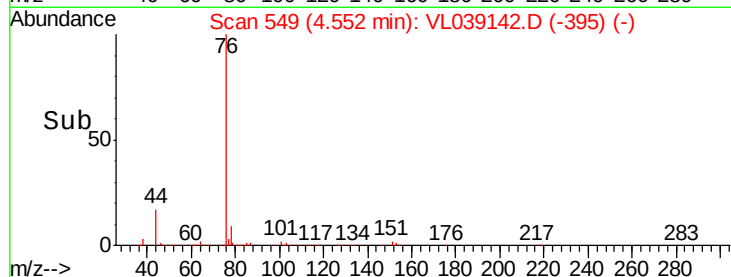
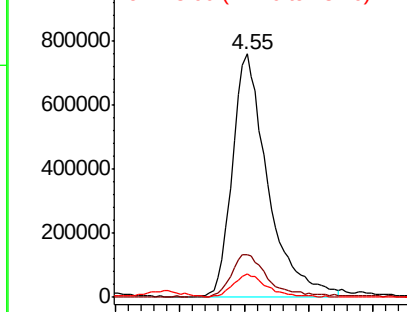
Acq: 1 Jun 2022 9:34

Tot Ion: 76 Resp: 1450123

Ion	Ratio	Lower	Upper
76	100		
44	18.7	14.4	21.6
78	10.0	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: 7.319 ppbv

RT: 5.03 min Scan# 699

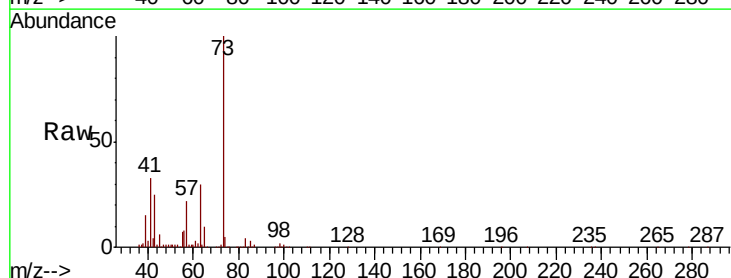
Delta R.T. -0.01 min

Lab File: VL039142.D

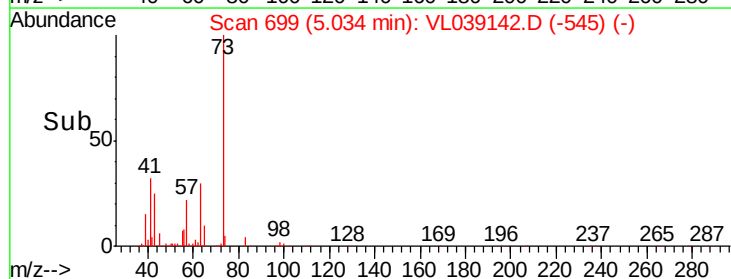
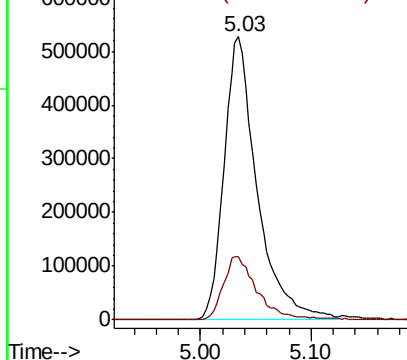
Acq: 1 Jun 2022 9:34

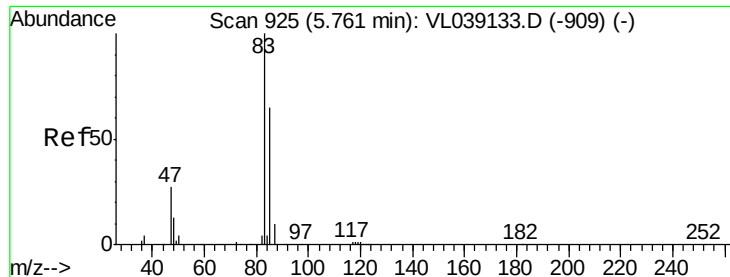
Tgt Ion: 73 Resp: 1095048

Ion	Ratio	Lower	Upper
73	100		
57	23.3	18.6	27.8



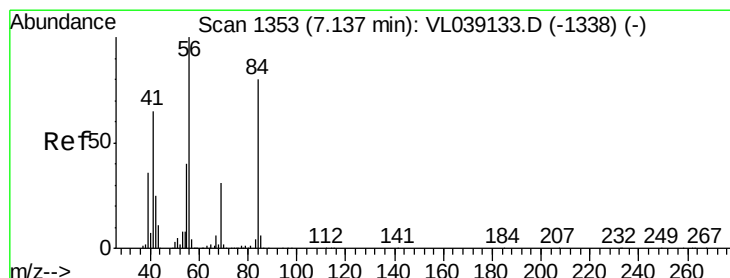
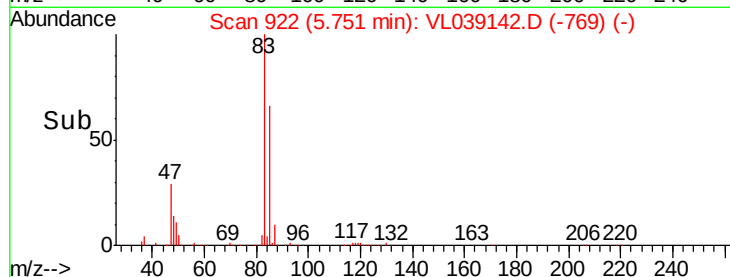
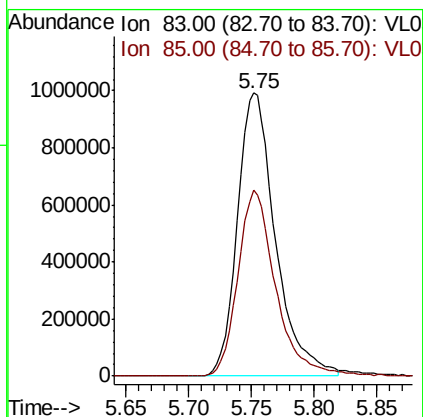
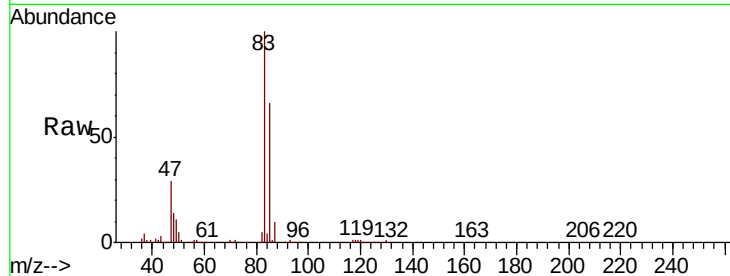
Abundance Ion 73.10 (72.80 to 73.80): VL0
Ion 57.10 (56.80 to 57.80): VL0





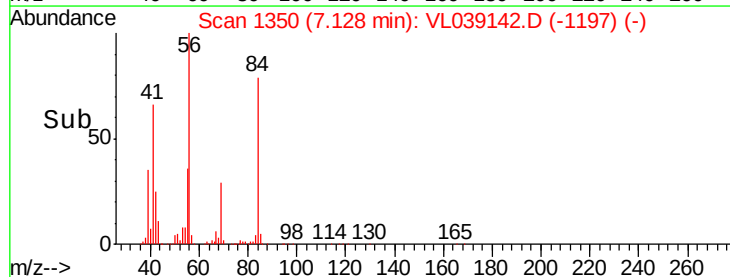
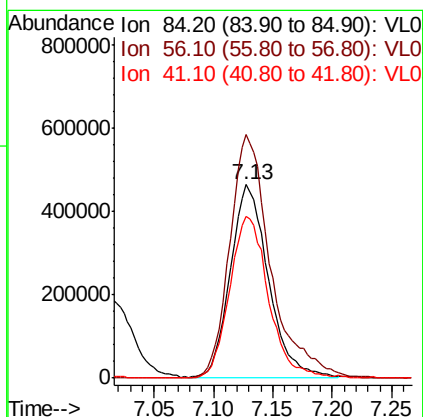
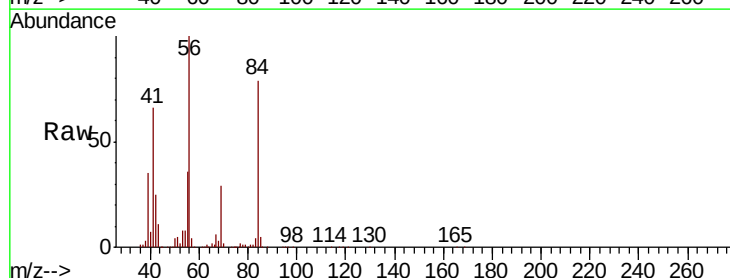
#29
Chloroform
Concen: 9.186 ppbv
RT: 5.75
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 1 Jun 2022 9:34

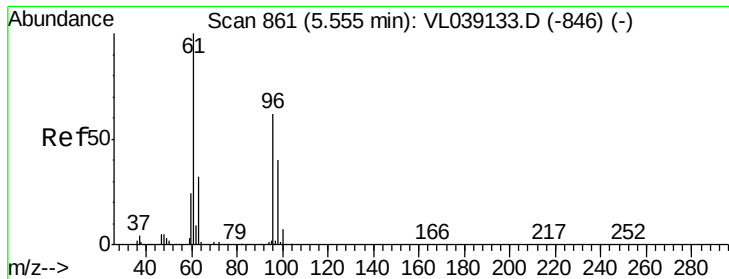
Tot Ion: 83 Resp: 2095109
Ion Ratio Lower Upper
83 100
85 65.5 52.4 78.6



#30
Cyclohexane
Concen: 9.099 ppbv
RT: 7.13 min Scan# 1350
Delta R.T. -0.01 min
Lab File: VL039142.D
Acq: 1 Jun 2022 9:34

Tgt Ion: 84 Resp: 1036029
Ion Ratio Lower Upper
84 100
56 135.4 110.6 165.8
41 85.1 68.9 103.3





#31

cis-1,2-Dichloroethene

Concen: 9.361 ppbv

RT: 5.55 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 1 Jun 2022 9:34

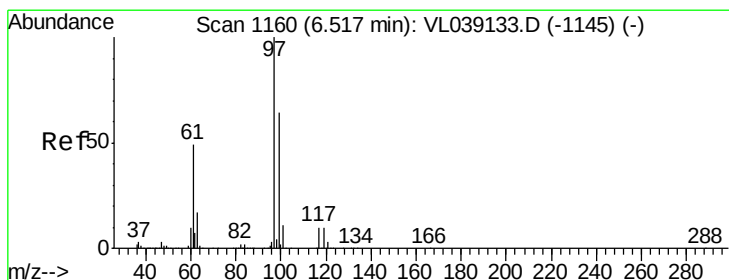
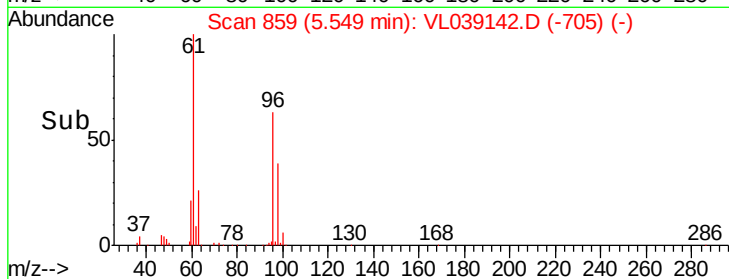
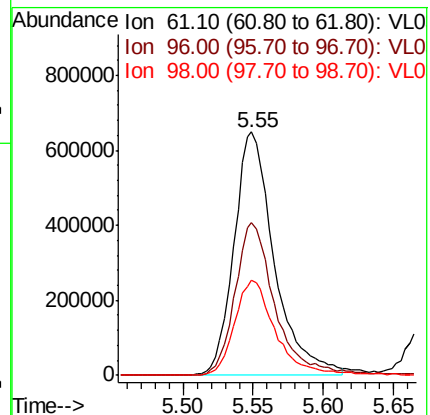
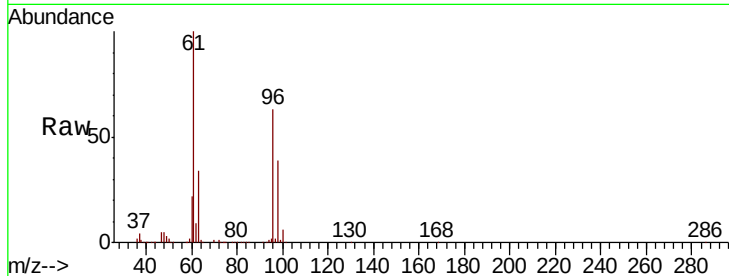
Tot Ion: 61 Resp: 1293733

Ion Ratio Lower Upper

61 100

96 62.8 49.9 74.9

98 38.9 32.0 48.0



#32

1,1,1-Trichloroethane

Concen: 9.641 ppbv

RT: 6.51 min Scan# 1159

Delta R.T. -0.00 min

Lab File: VL039142.D

Acq: 1 Jun 2022 9:34

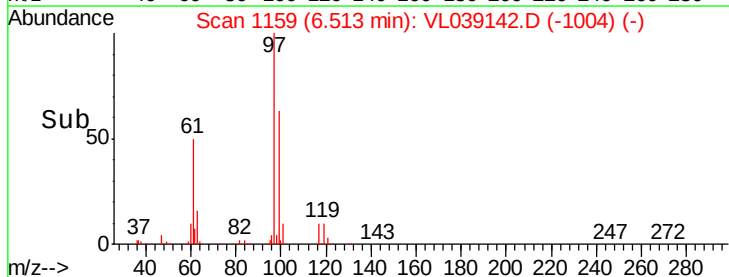
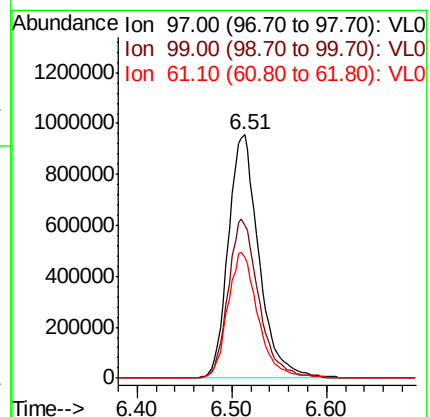
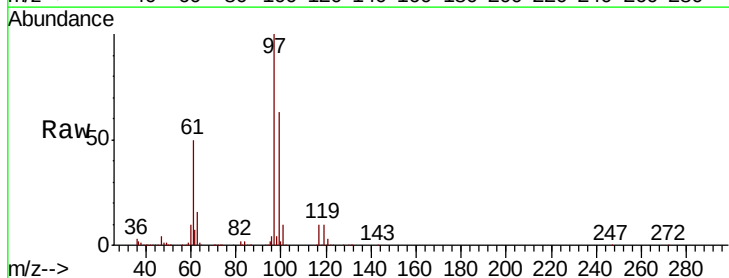
Tgt Ion: 97 Resp: 2151690

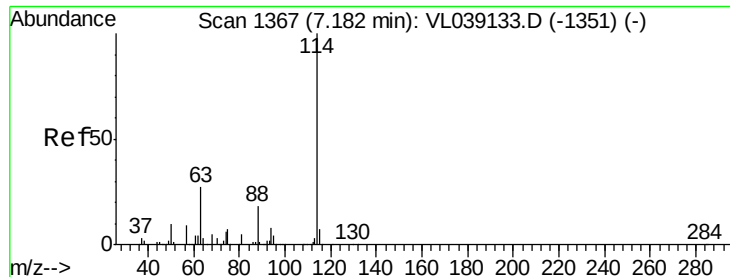
Ion Ratio Lower Upper

97 100

99 65.5 52.1 78.1

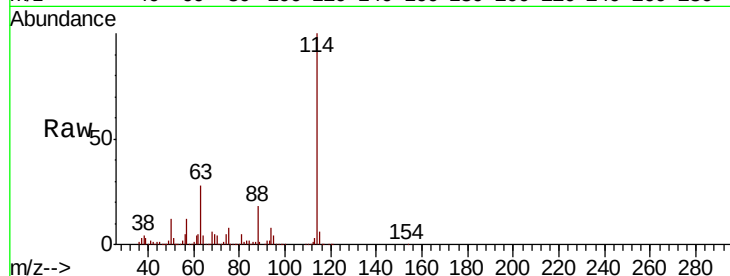
61 51.2 40.0 60.0



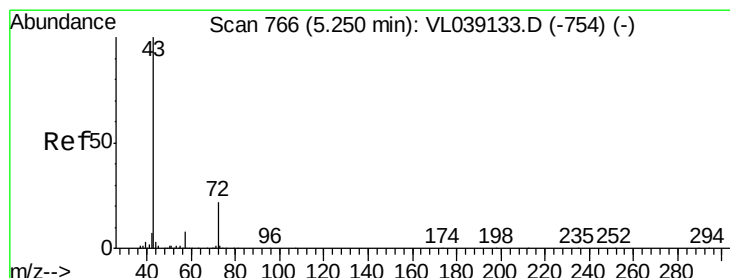
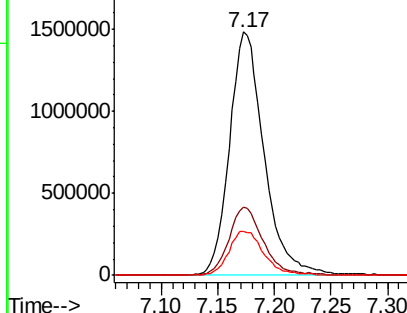
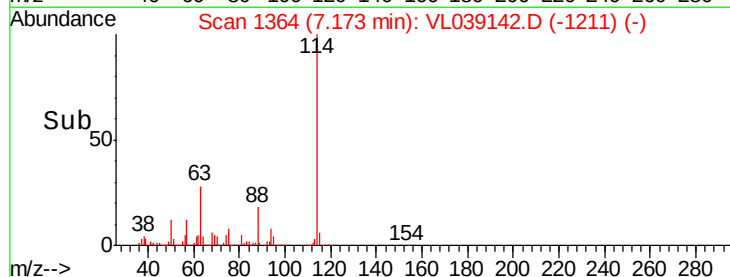


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 1 Jun 2022 9:34

Tot Ion:114 Resp: 3154509
 Ion Ratio Lower Upper
 114 100
 63 28.2 21.7 32.5
 88 18.7 14.8 22.2

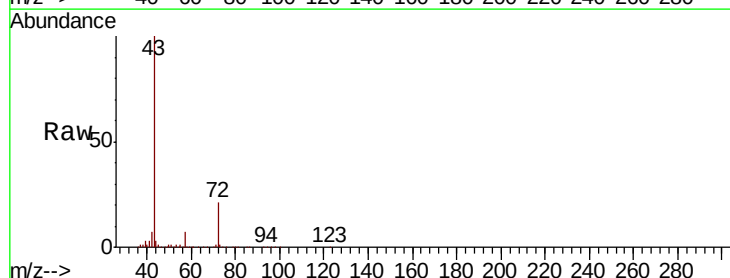


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

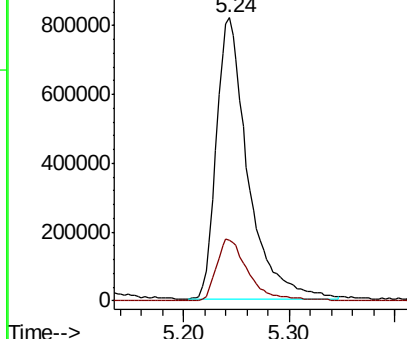
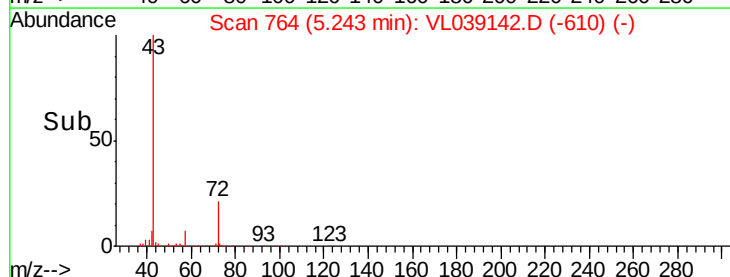


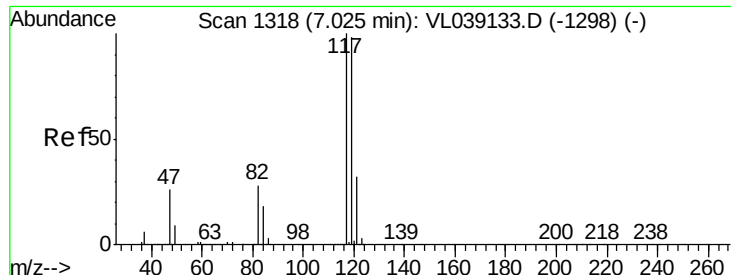
#34
 2-Butanone
 Concen: 10.012 ppbv
 RT: 5.24 min Scan# 764
 Delta R.T. -0.01 min
 Lab File: VL039142.D
 Acq: 1 Jun 2022 9:34

Tgt Ion: 43 Resp: 1715798
 Ion Ratio Lower Upper
 43 100
 72 22.6 18.2 27.2



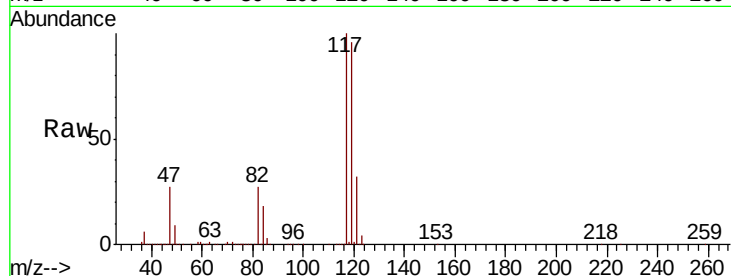
Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 72.10 (71.80 to 72.80): VL0



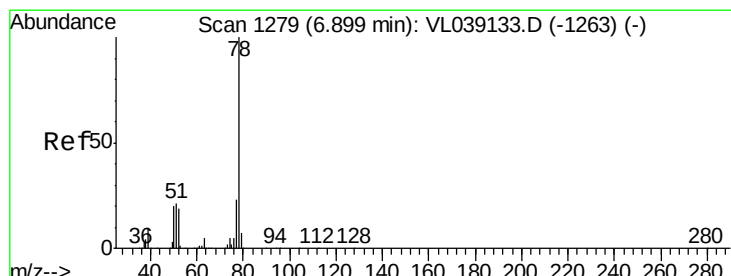
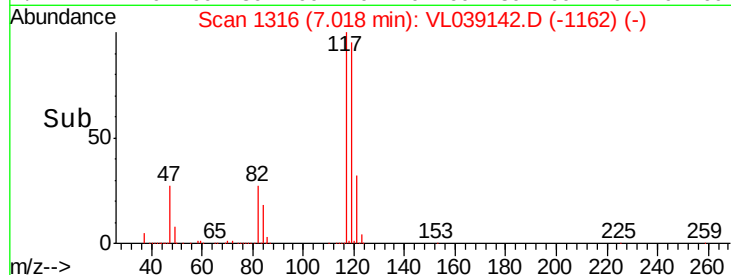
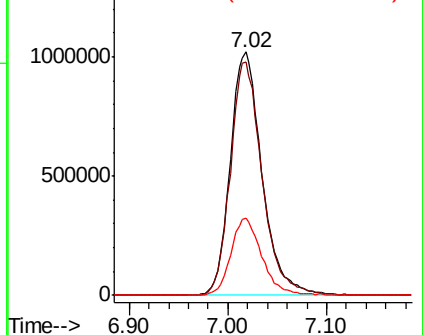


#35
Carbon Tetrachloride
Concen: 9.964 ppbv
RT: 7.02
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 1 Jun 2022 9:34

Tot Ion:117 Resp: 2294171
Ion Ratio Lower Upper
117 100
119 95.6 78.6 118.0
121 31.6 25.4 38.0

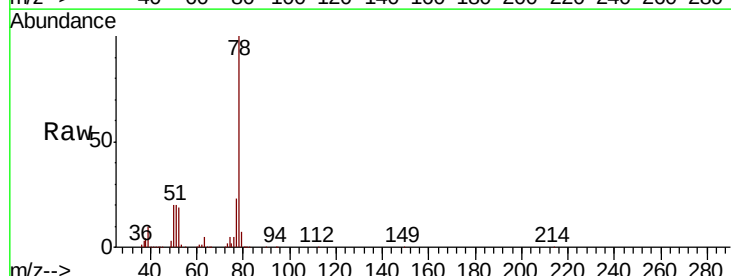


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V

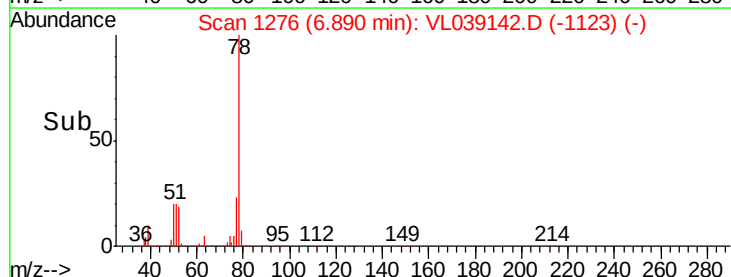
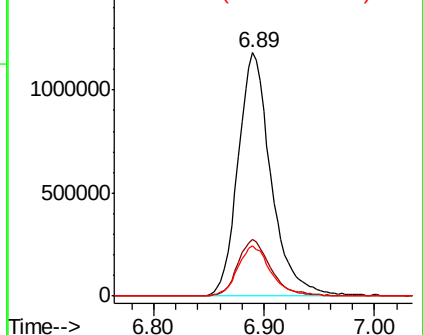


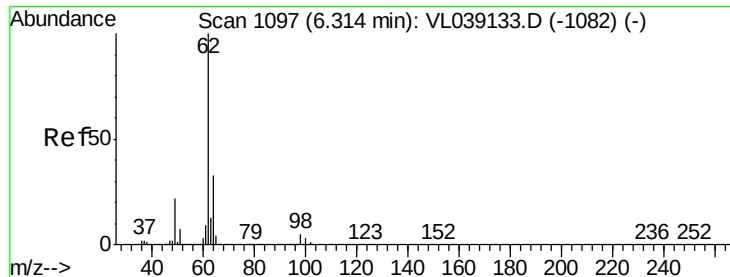
#36
Benzene
Concen: 9.569 ppbv
RT: 6.89 min Scan# 1276
Delta R.T. -0.01 min
Lab File: VL039142.D
Acq: 1 Jun 2022 9:34

Tgt Ion: 78 Resp: 2450650
Ion Ratio Lower Upper
78 100
77 23.2 18.6 27.8
50 20.5 15.8 23.8



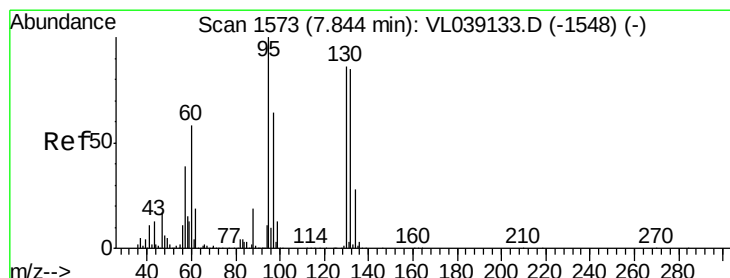
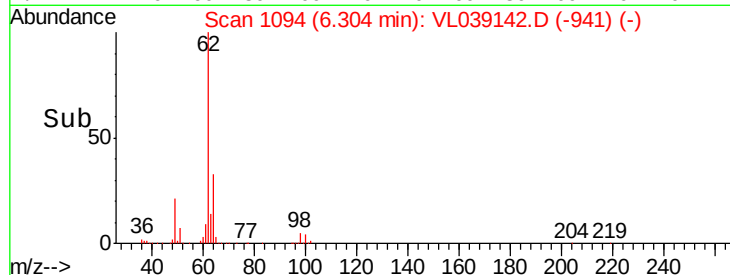
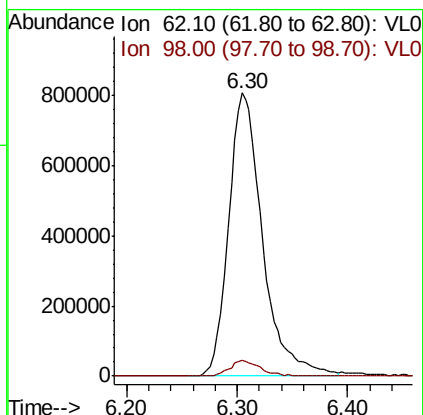
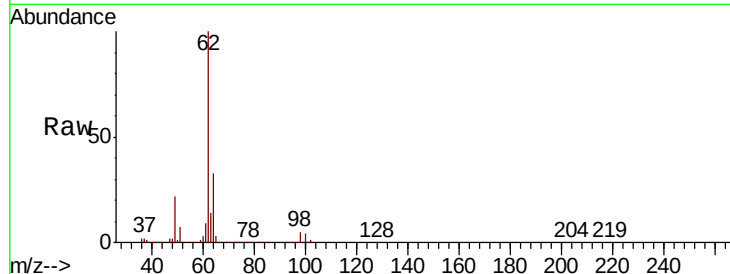
Abundance Ion 78.10 (77.80 to 78.80): VL0
Ion 77.10 (76.80 to 77.80): VL0
Ion 50.10 (49.80 to 50.80): VL0





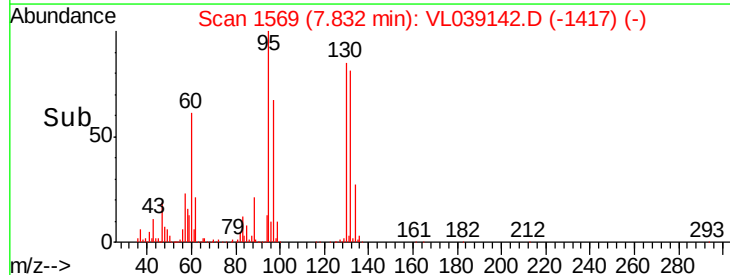
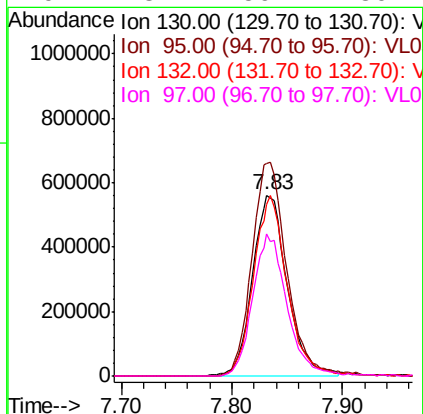
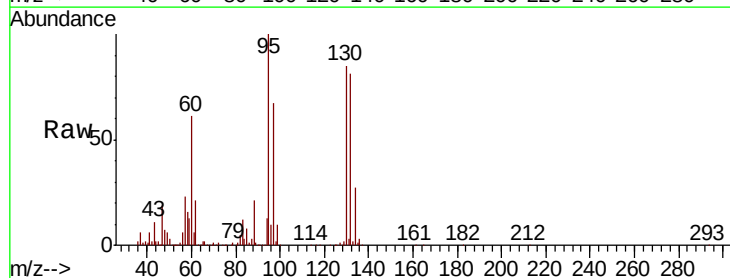
#37
 1,2-Dichloroethane
 Concen: 10.196 ppbv
 RT: 6.30
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 1 Jun 2022 9:34

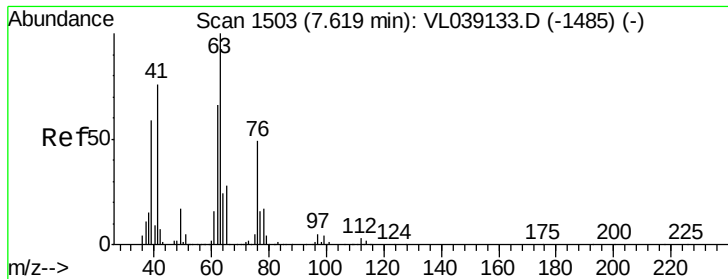
Tot Ion: 62 Resp: 1718522
 Ion Ratio Lower Upper
 62 100
 98 5.3 4.3 6.5



#38
 Trichloroethene
 Concen: 10.375 ppbv
 RT: 7.83 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: VL039142.D
 Acq: 1 Jun 2022 9:34

Tgt Ion: 130 Resp: 1220448
 Ion Ratio Lower Upper
 130 100
 95 117.8 93.3 139.9
 132 95.0 79.0 118.4
 97 78.7 59.4 89.2





#39

1,2-Dichloropropane

Concen: 9.600 ppbv

RT: 7.61 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 1 Jun 2022 9:34 VSTDCCC010

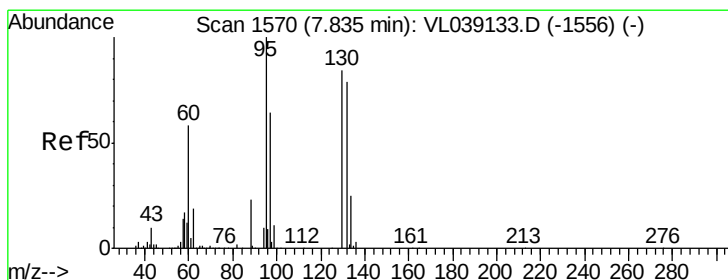
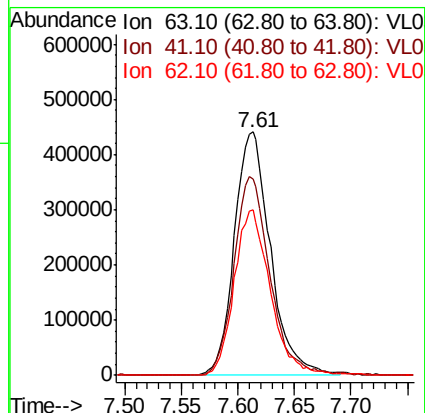
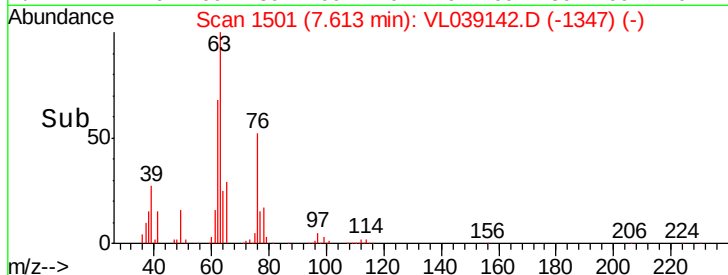
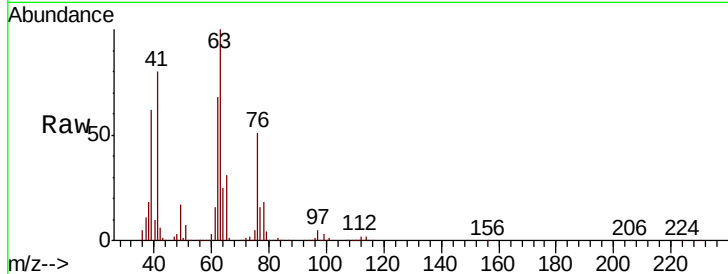
Tot Ion: 63 Resp: 977949

Ion Ratio Lower Upper

63 100

41 80.4 60.8 91.2

62 68.1 52.9 79.3



#40

1,4-Dioxane

Concen: 4.193 ppbv

RT: 7.82 min Scan# 1566

Delta R.T. -0.01 min

Lab File: VL039142.D

Acq: 1 Jun 2022 9:34

Tgt Ion: 88 Resp: 140630

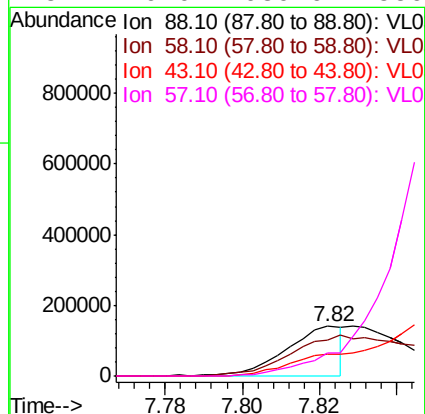
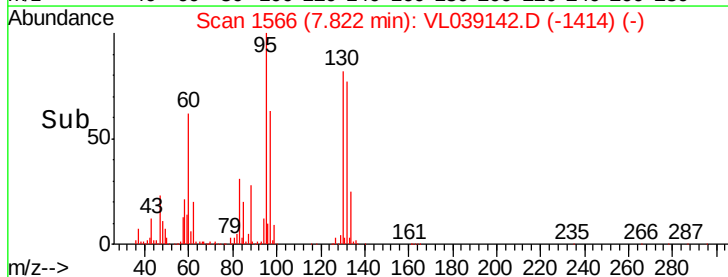
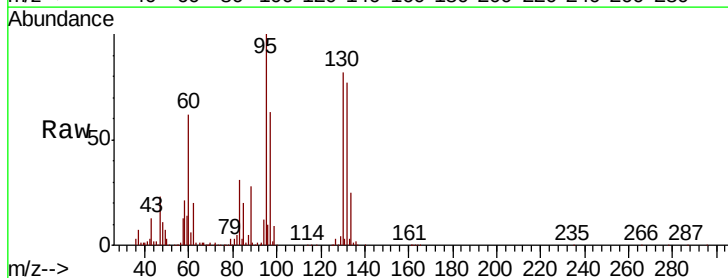
Ion Ratio Lower Upper

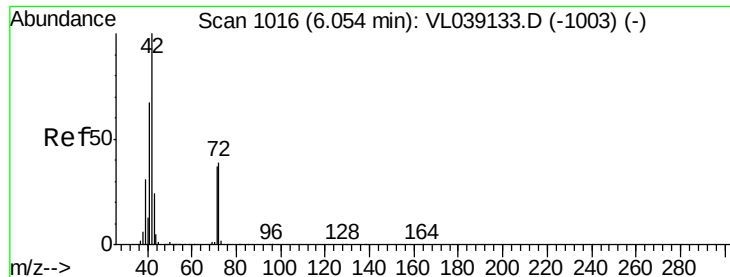
88 100

58 0.0 111.2 166.8#

43 0.0 234.2 351.4#

57 0.0 1039.9 1559.9#





#41

Tetrahydrofuran

Concen: 9.542 ppbv

RT: 6.05 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDCCC010

Acq: 1 Jun 2022 9:34

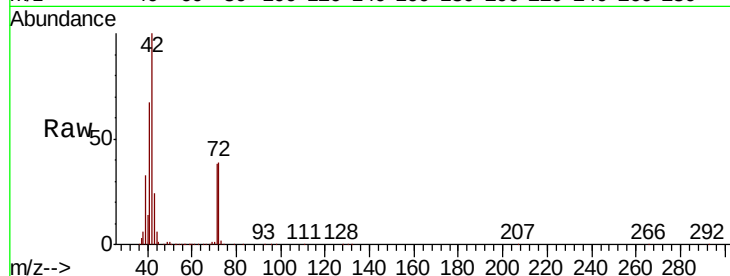
Tot Ion: 42 Resp: 983571

Ion Ratio Lower Upper

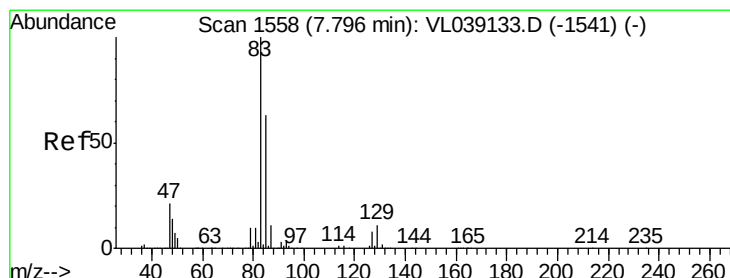
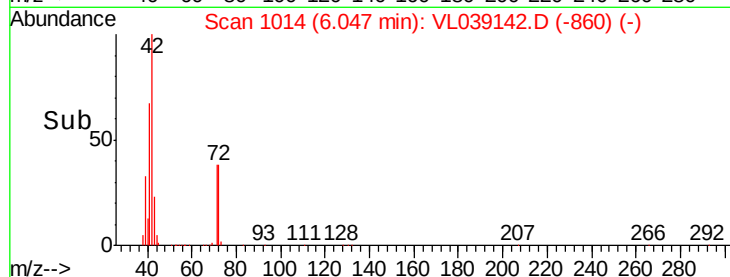
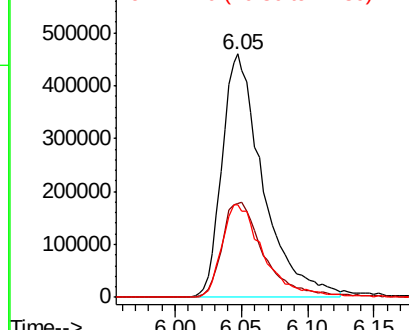
42 100

72 40.8 32.0 48.0

71 39.6 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: 10.064 ppbv

RT: 7.79 min Scan# 1556

Delta R.T. -0.01 min

Lab File: VL039142.D

Acq: 1 Jun 2022 9:34

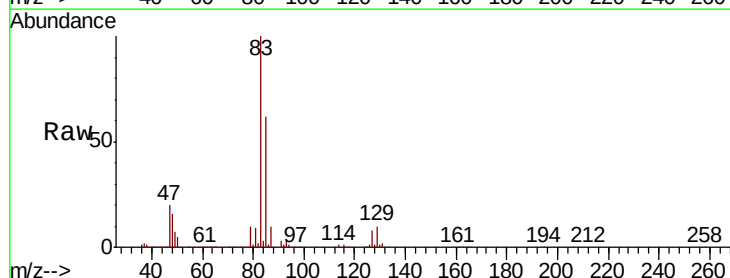
Tgt Ion: 83 Resp: 2354062

Ion Ratio Lower Upper

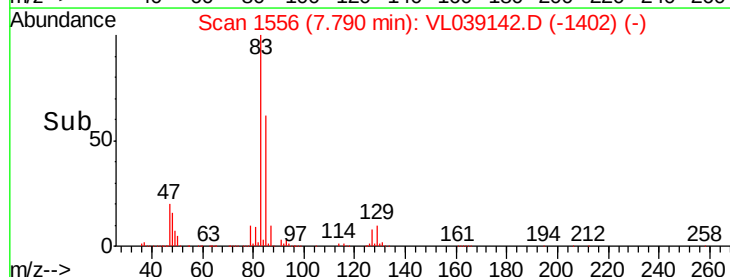
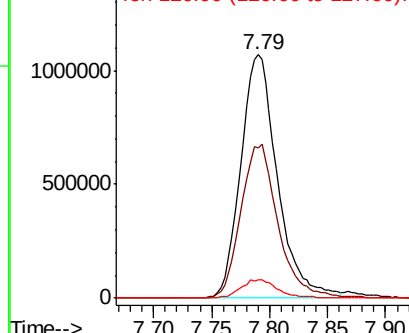
83 100

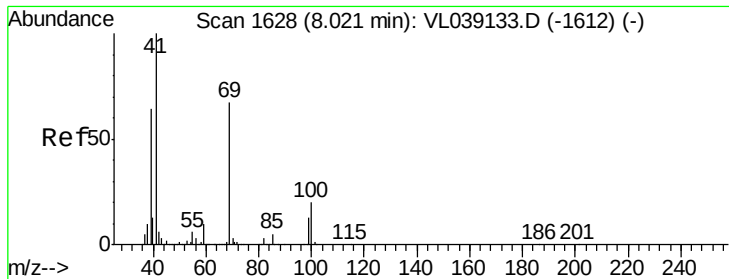
85 61.9 50.2 75.4

127 7.7 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: 10.184 ppbv

RT: 8.01

Instrument: MSVOA_1

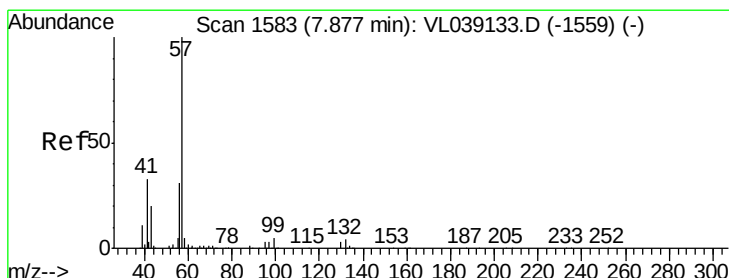
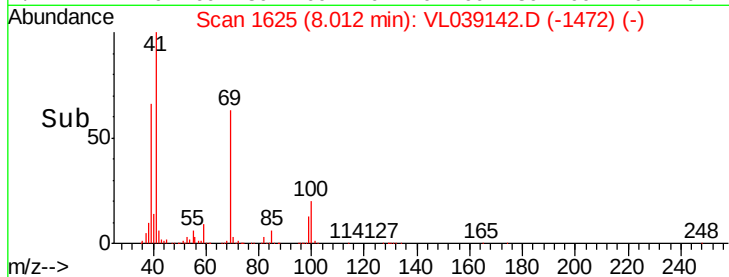
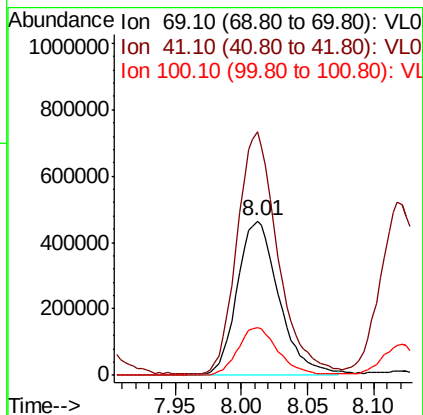
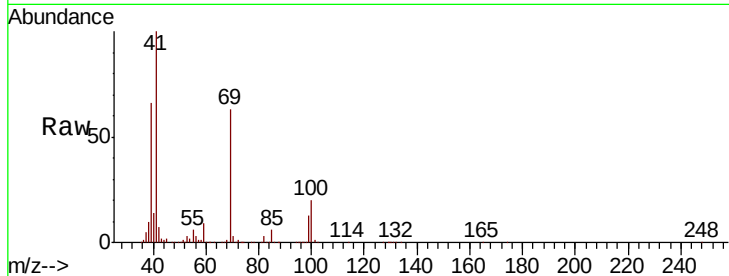
Delta R.T. ClientSampleId:

Lab File: VSTDCCC010

Acq: 1 Jun 2022 9:34

Tot Ion: 69 Resp: 1015943

Ion	Ratio	Lower	Upper
69	100		
41	154.3	121.9	182.9
100	30.5	24.1	36.1



#44

2,2,4-Trimethylpentane

Concen: 9.477 ppbv

RT: 7.87 min Scan# 1580

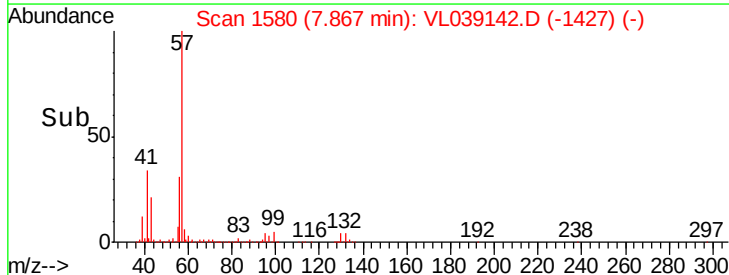
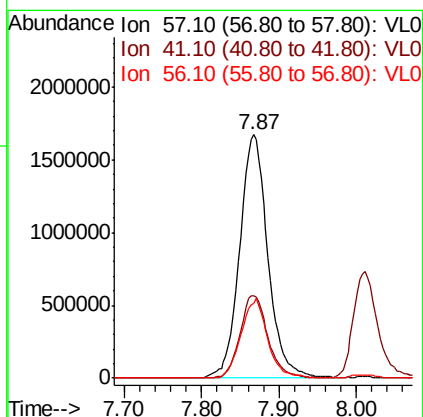
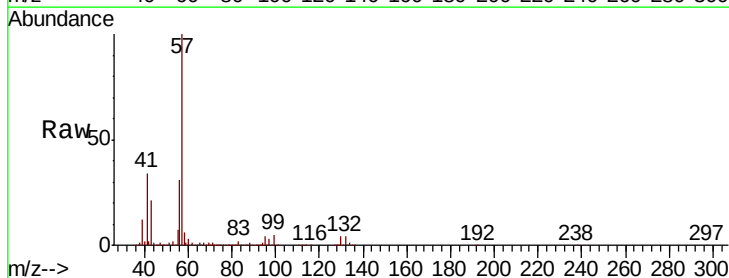
Delta R.T. -0.01 min

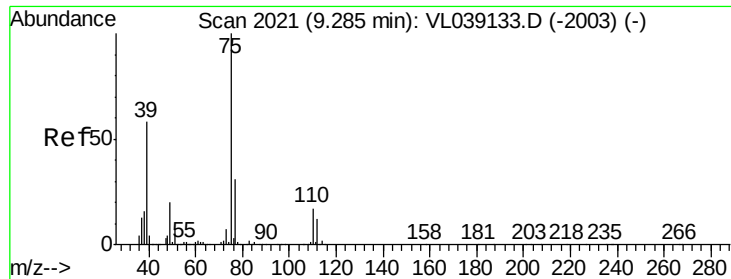
Lab File: VL039142.D

Acq: 1 Jun 2022 9:34

Tgt Ion: 57 Resp: 4245860

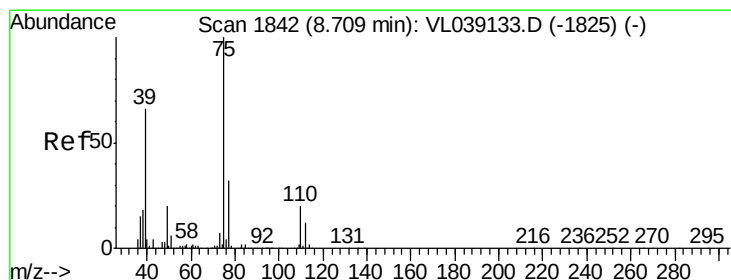
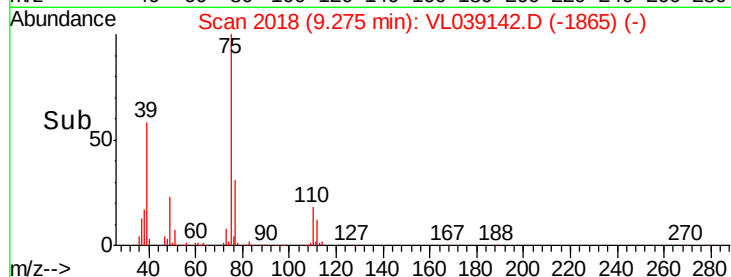
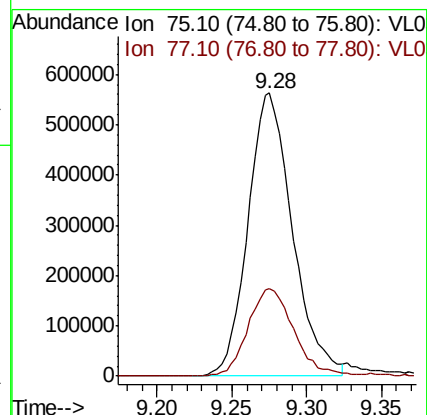
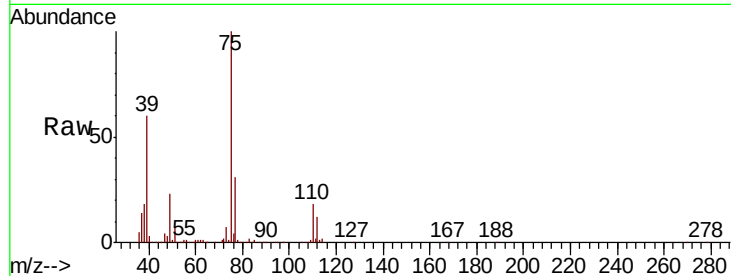
Ion	Ratio	Lower	Upper
57	100		
41	33.7	26.2	39.4
56	30.7	24.7	37.1





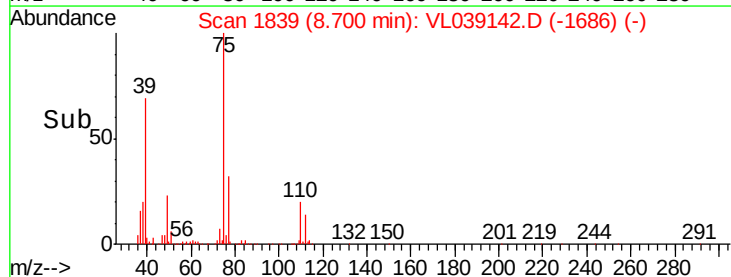
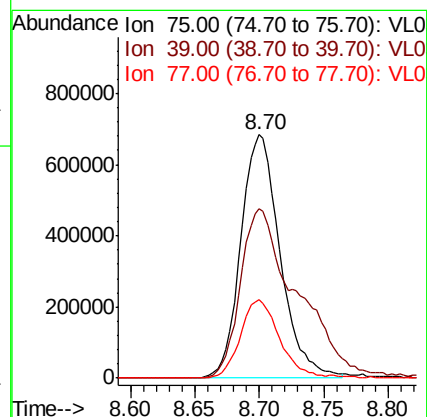
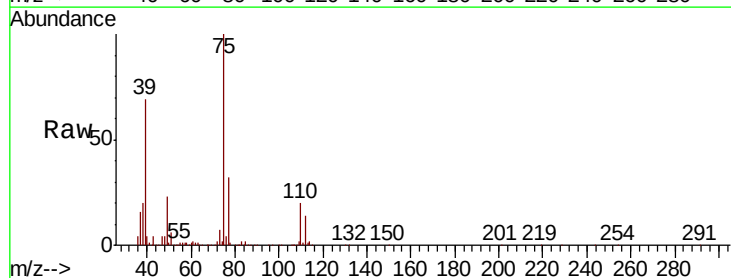
#45
t-1,3-Dichloropropene
Concen: 11.162 ppbv
RT: 9.28
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 1 Jun 2022 9:34

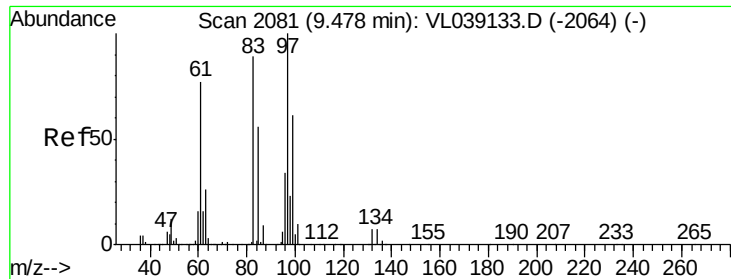
Tot Ion: 75 Resp: 1159662
Ion Ratio Lower Upper
75 100
77 31.0 24.4 36.6



#46
cis-1,3-Dichloropropene
Concen: 10.576 ppbv
RT: 8.70 min Scan# 1839
Delta R.T. -0.01 min
Lab File: VL039142.D
Acq: 1 Jun 2022 9:34

Tgt Ion: 75 Resp: 1451562
Ion Ratio Lower Upper
75 100
39 69.4 52.4 78.6
77 32.2 25.5 38.3

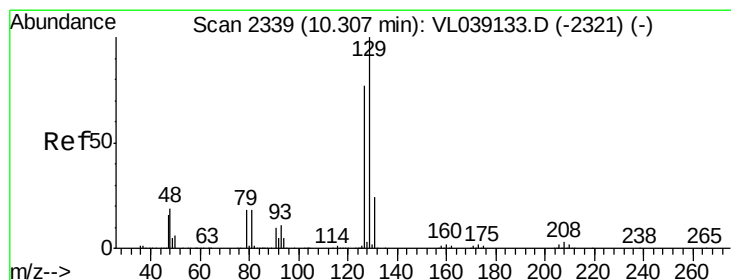
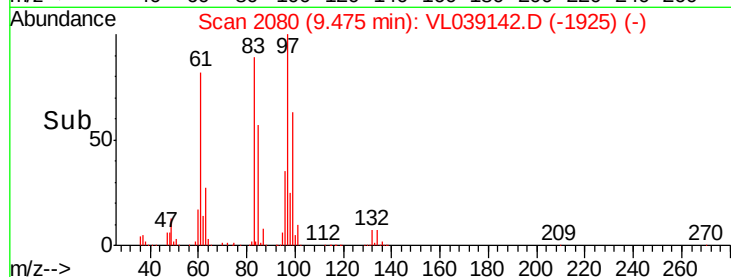
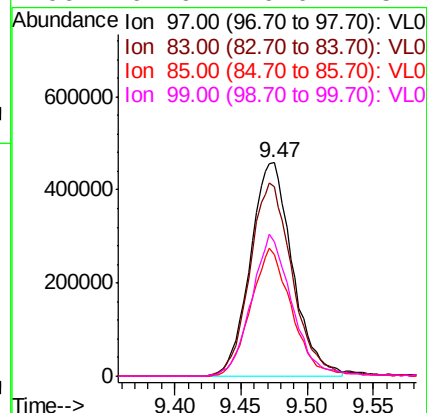
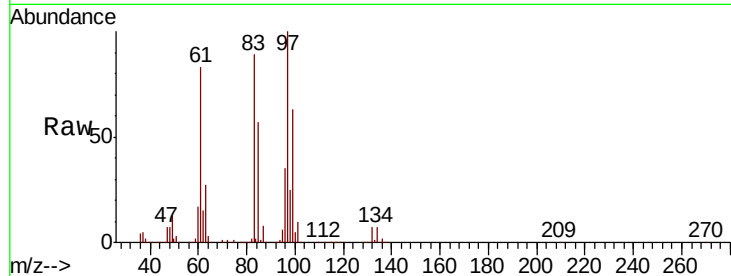




#47
 1,1,2-Trichloroethane
 Concen: 9.568 ppbv
 RT: 9.47
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 1 Jun 2022 9:34

Tot Ion: 97 Resp: 1016829

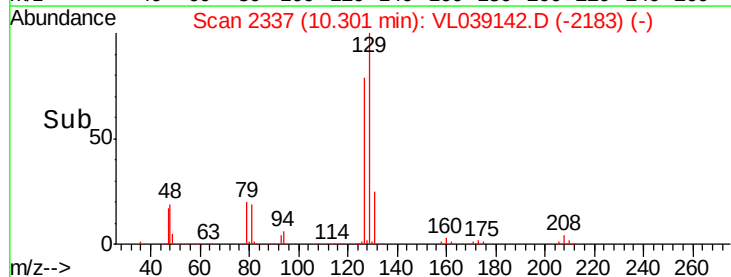
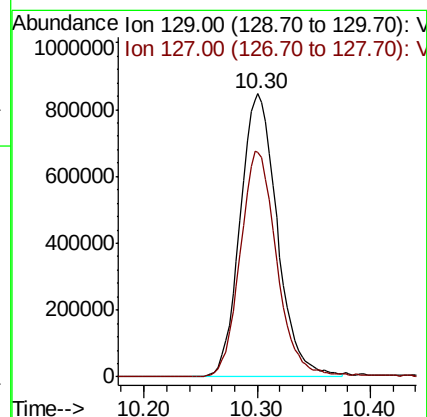
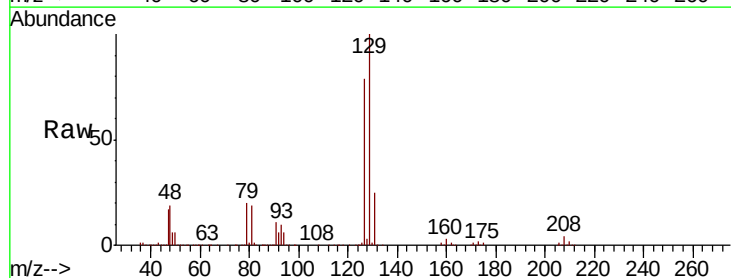
Ion	Ratio	Lower	Upper
97	100		
83	88.8	71.6	107.4
85	57.1	44.8	67.2
99	62.9	49.0	73.4

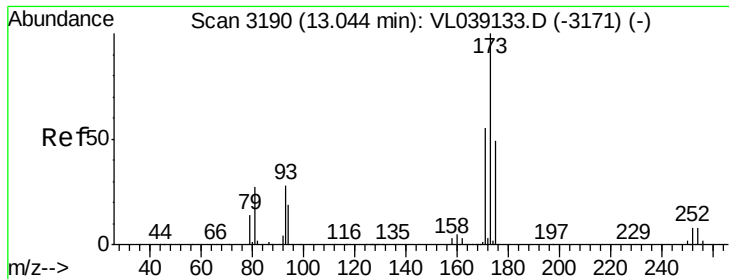


#48
 Dibromochloromethane
 Concen: 10.173 ppbv
 RT: 10.30 min Scan# 2337
 Delta R.T. -0.01 min
 Lab File: VL039142.D
 Acq: 1 Jun 2022 9:34

Tgt Ion: 129 Resp: 1930388

Ion	Ratio	Lower	Upper
129	100		
127	79.3	40.0	119.9





#49

Bromoform

Concen: 10.134 ppbv

RT: 13.03

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 1 Jun 2022 9:34

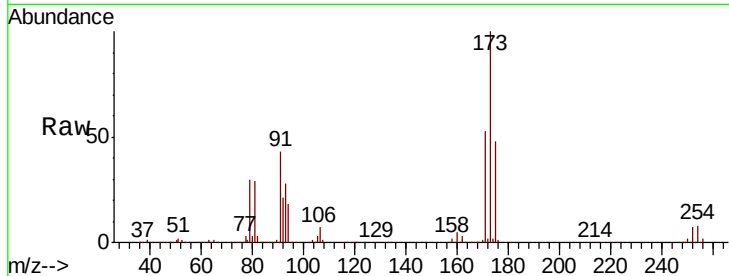
Tot Ion:173 Resp: 1602592

Ion Ratio Lower Upper

173 100

175 51.4 40.2 60.2

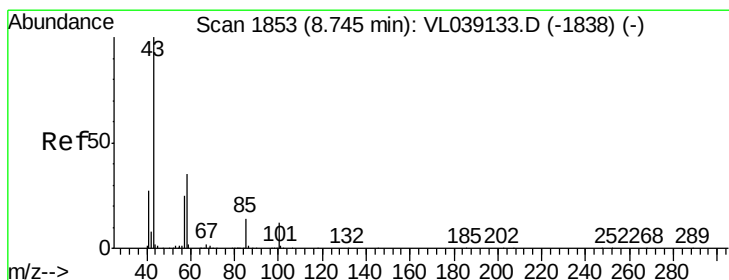
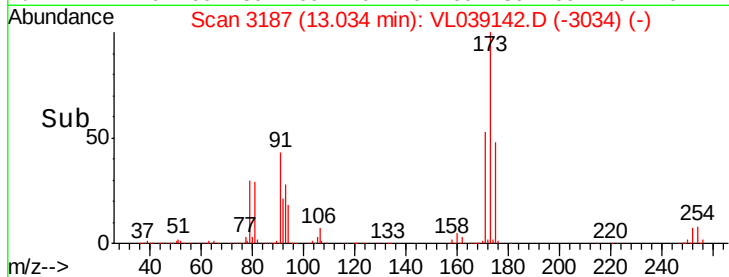
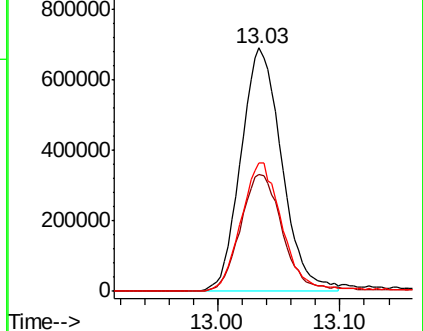
171 54.9 43.9 65.9



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: 10.040 ppbv

RT: 8.74 min Scan# 1850

Delta R.T. -0.01 min

Lab File: VL039142.D

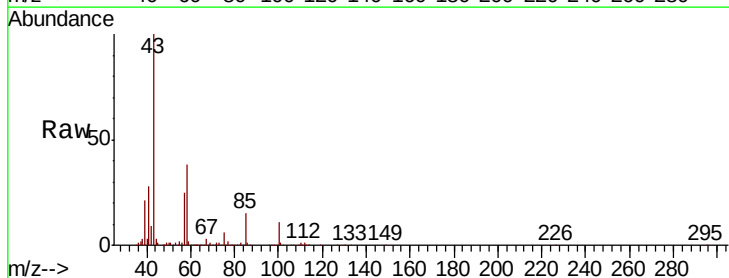
Acq: 1 Jun 2022 9:34

Tgt Ion: 43 Resp: 2575699

Ion Ratio Lower Upper

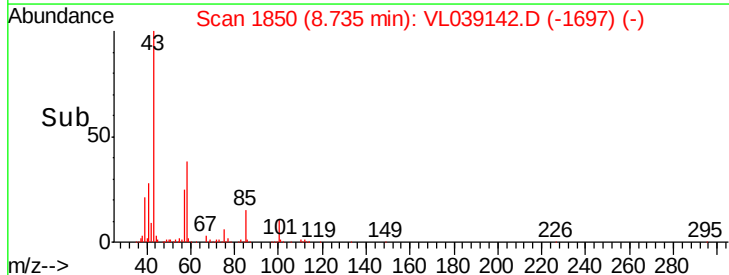
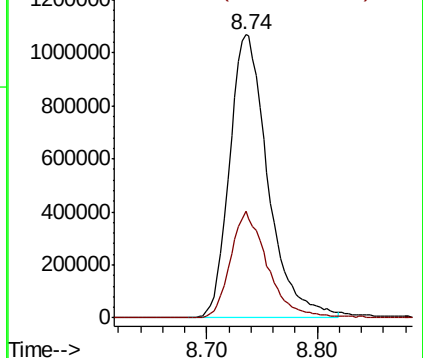
43 100

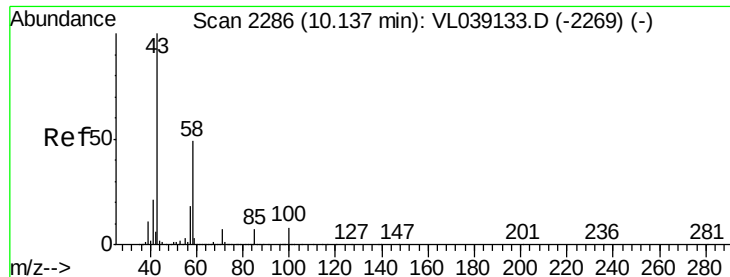
58 36.8 28.7 43.1



Abundance Ion 43.10 (42.80 to 43.80): VL0

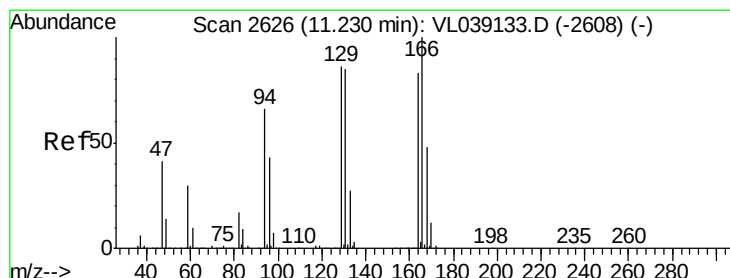
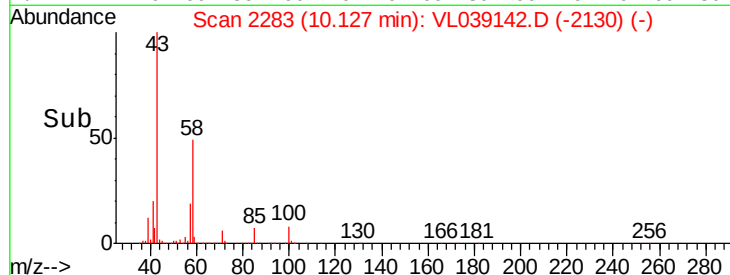
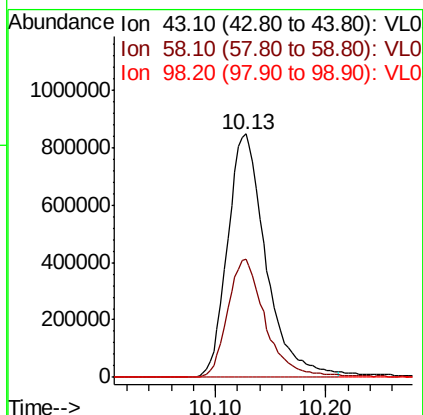
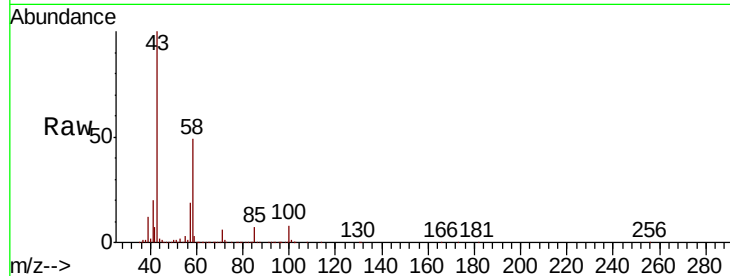
Ion 58.10 (57.80 to 58.80): VL0





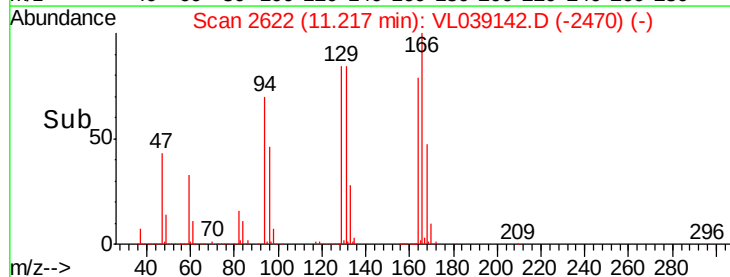
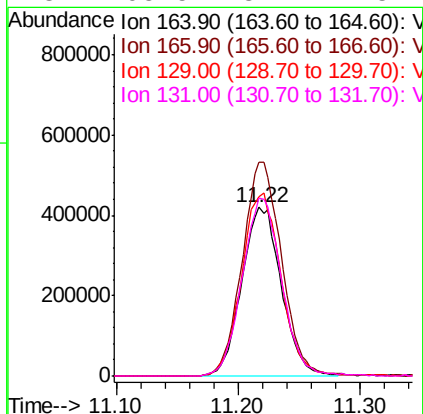
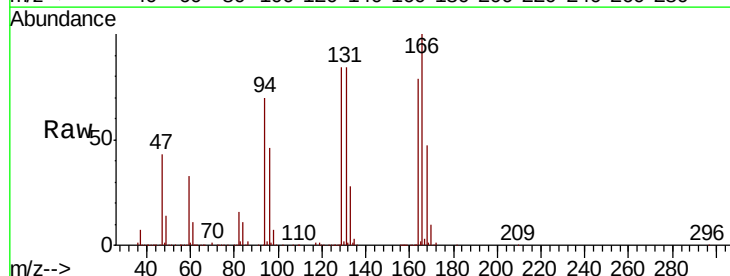
#51
2-Hexanone
Concen: 10.203 ppbv
RT: 10.13
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 1 Jun 2022 9:34

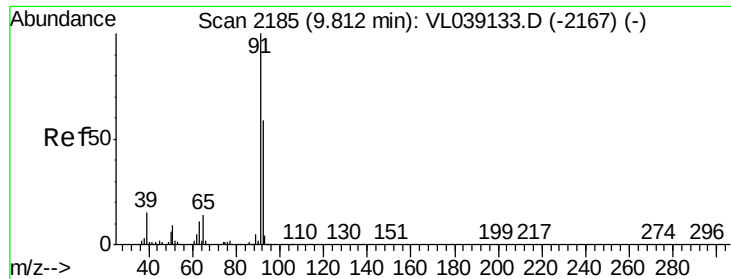
Tot Ion: 43 Resp: 2036612
Ion Ratio Lower Upper
43 100
58 48.7 40.0 60.0
98 0.2 0.1 0.1#



#52
Tetrachloroethene
Concen: 9.364 ppbv
RT: 11.22 min Scan# 2622
Delta R.T. -0.01 min
Lab File: VL039142.D
Acq: 1 Jun 2022 9:34

Tgt Ion:164 Resp: 936309
Ion Ratio Lower Upper
164 100
166 126.3 96.3 144.5
129 106.4 82.5 123.7
131 105.5 82.1 123.1





#53

Toluene

Concen: 9.772 ppbv

RT: 9.80 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

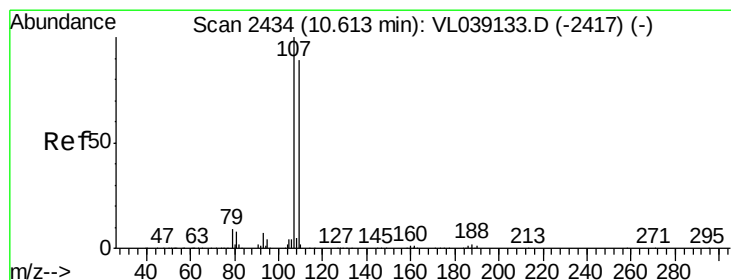
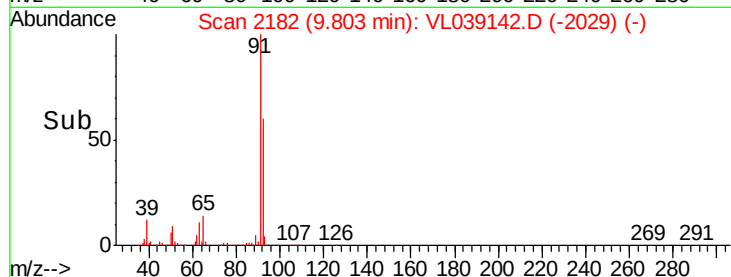
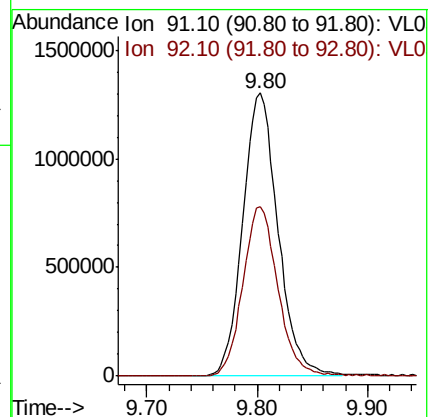
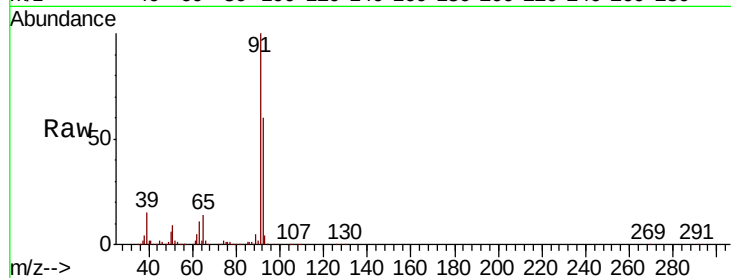
Acq: 1 Jun 2022 9:34 VSTDCCC010

Tot Ion: 91 Resp: 2881603

Ion Ratio Lower Upper

91 100

92 59.9 48.1 72.1



#54

1,2-Dibromoethane

Concen: 10.274 ppbv

RT: 10.61 min Scan# 2432

Delta R.T. -0.01 min

Lab File: VL039142.D

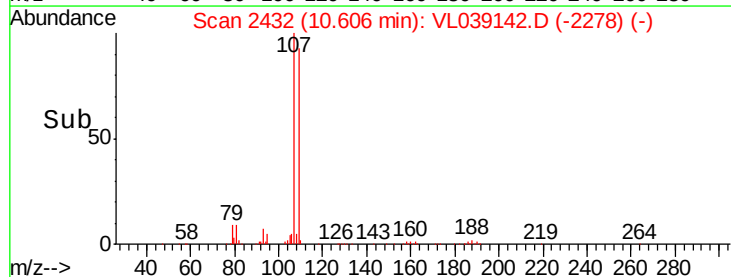
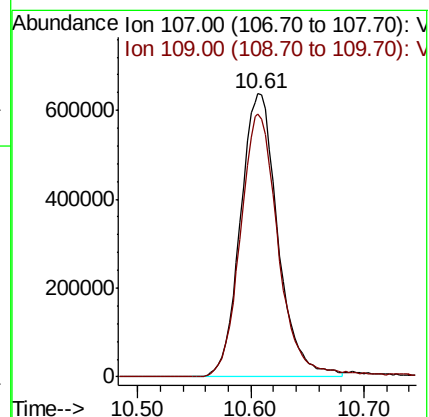
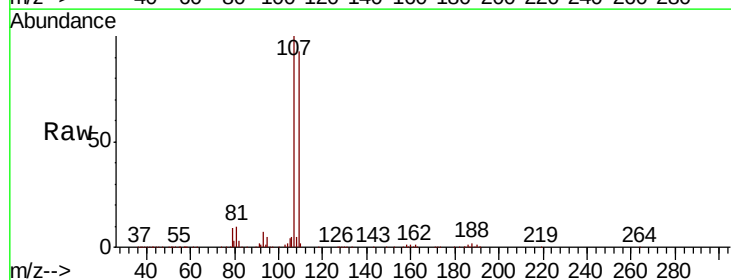
Acq: 1 Jun 2022 9:34

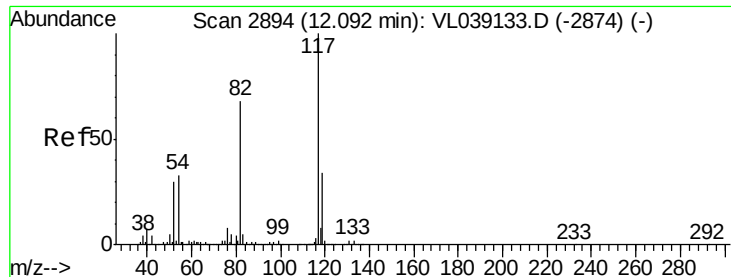
Tgt Ion: 107 Resp: 1467257

Ion Ratio Lower Upper

107 100

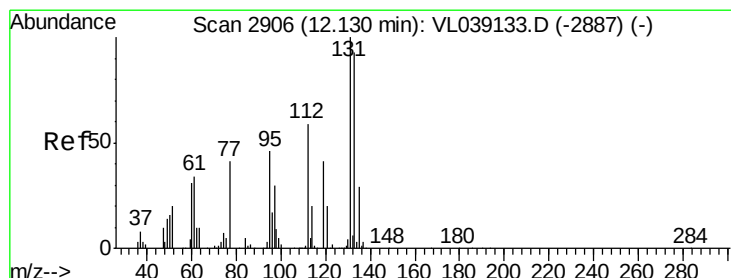
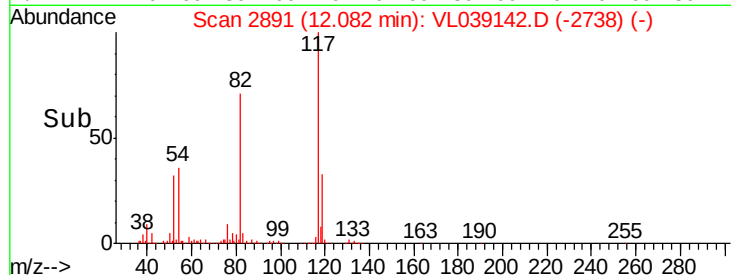
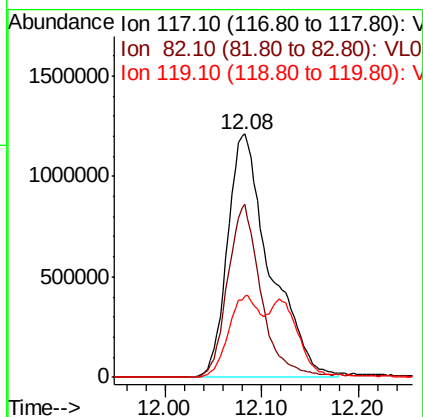
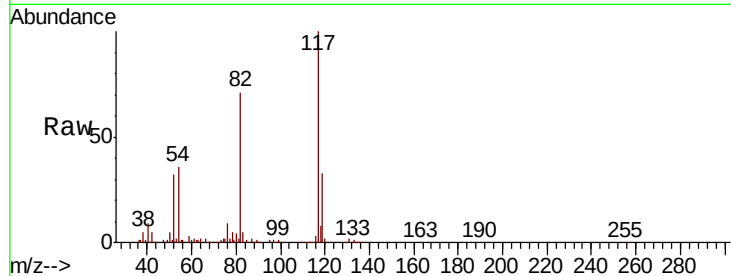
109 92.9 71.4 107.0





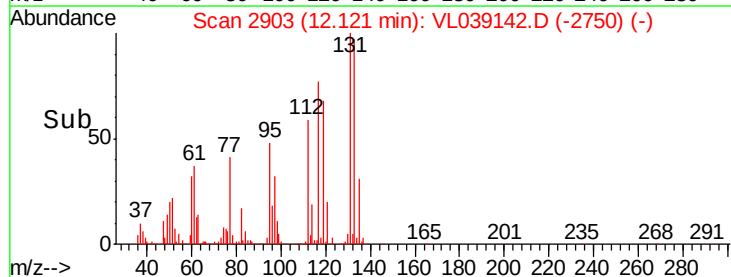
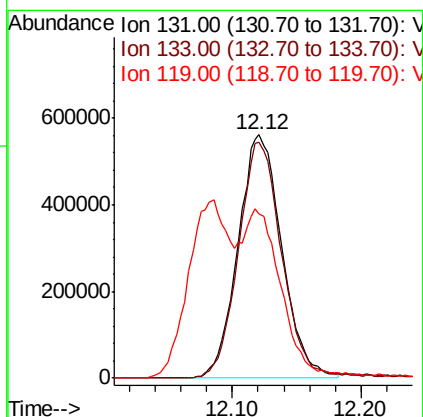
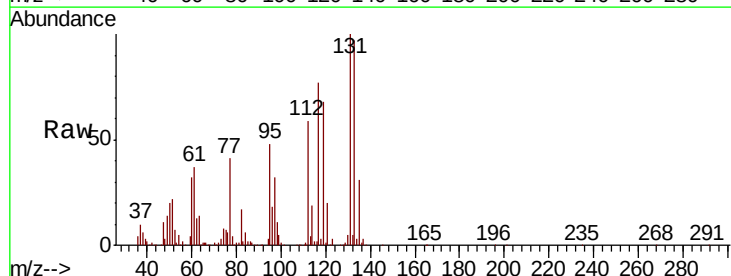
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 1 Jun 2022 9:34

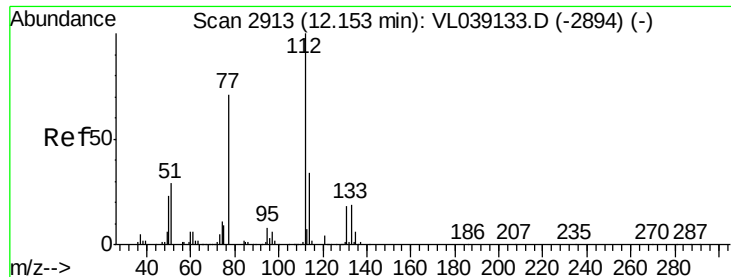
Tot Ion:117 Resp: 3696768
Ion Ratio Lower Upper
117 100
82 57.3 55.1 82.7
119 28.0 24.7 37.1



#56
1,1,1,2-Tetrachloroethane
Concen: 7.573 ppbv
RT: 12.12 min Scan# 2903
Delta R.T. -0.01 min
Lab File: VL039142.D
Acq: 1 Jun 2022 9:34

Tgt Ion:131 Resp: 1324684
Ion Ratio Lower Upper
131 100
133 96.6 78.6 117.8
119 61.4 51.7 77.5





#57

Chlorobenzene

Concen: 7.605 ppbv

RT: 12.14

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 1 Jun 2022 9:34

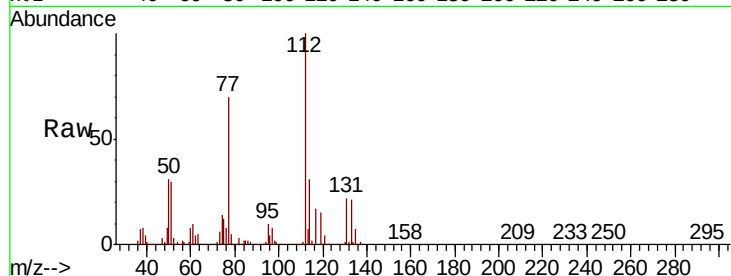
Tot Ion: 112 Resp: 2115424

Ion Ratio Lower Upper

112 100

77 68.4 56.5 84.7

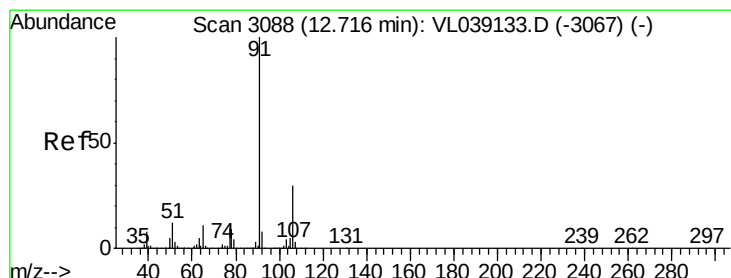
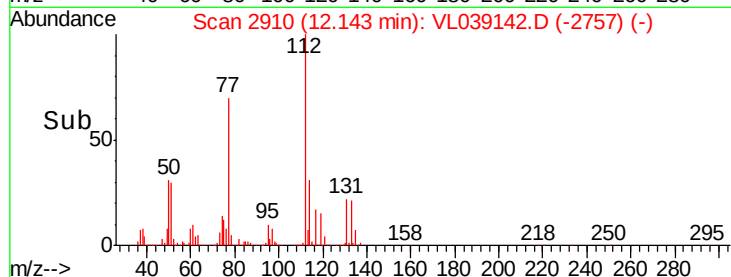
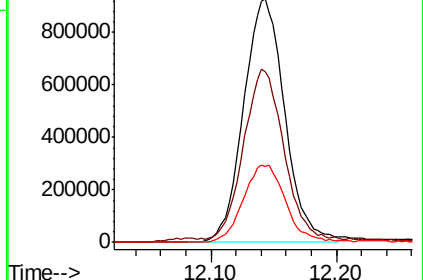
114 31.2 30.3 37.1



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: 7.760 ppbv

RT: 12.71 min Scan# 3085

Delta R.T. -0.01 min

Lab File: VL039142.D

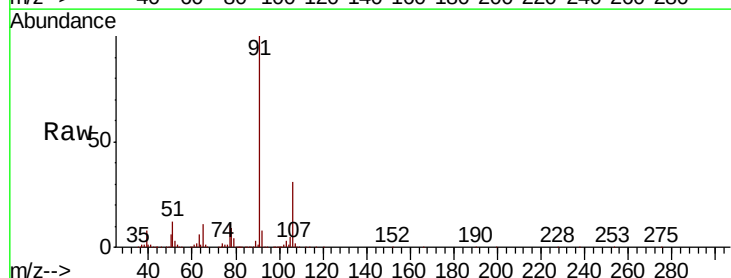
Acq: 1 Jun 2022 9:34

Tgt Ion: 91 Resp: 3951452

Ion Ratio Lower Upper

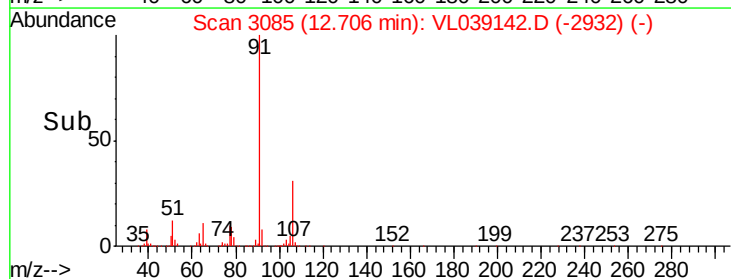
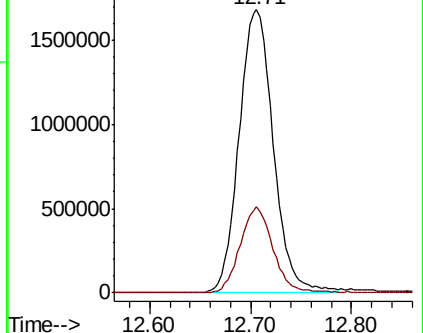
91 100

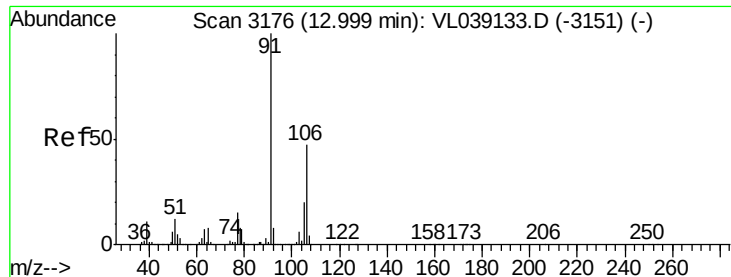
106 30.6 24.2 36.4



Abundance Ion 91.10 (90.80 to 91.80): VL0

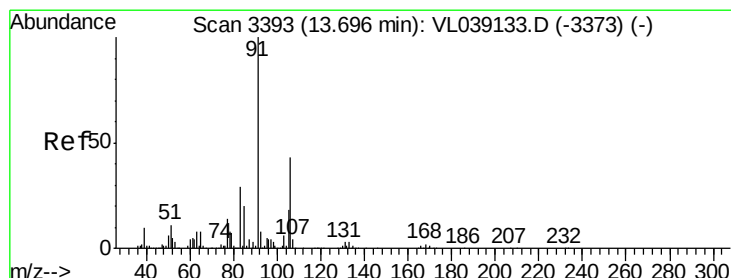
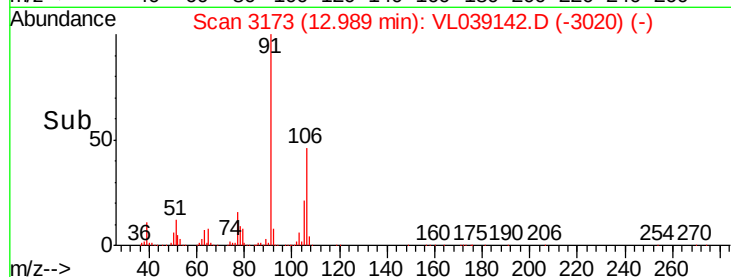
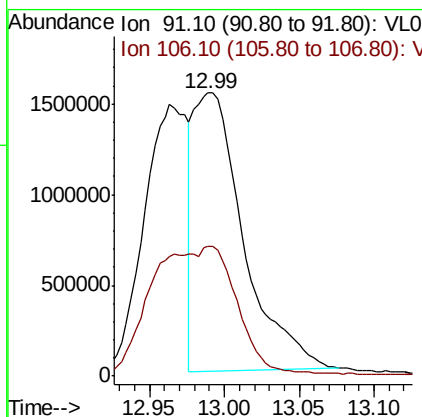
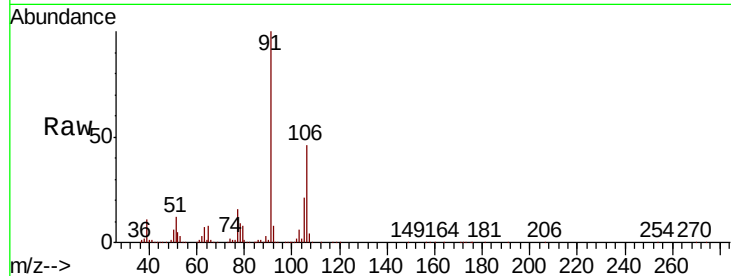
Ion 106.10 (105.80 to 106.80): V





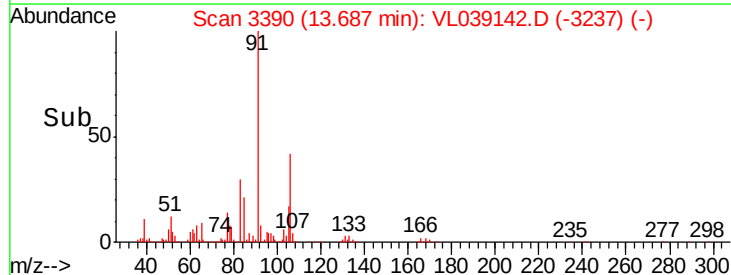
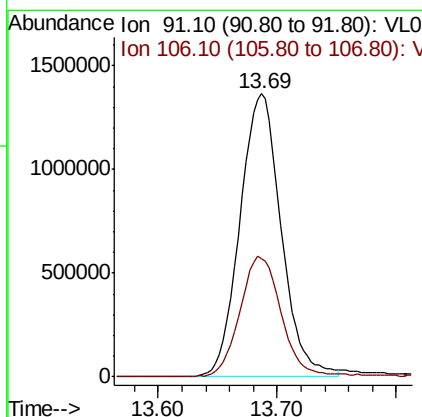
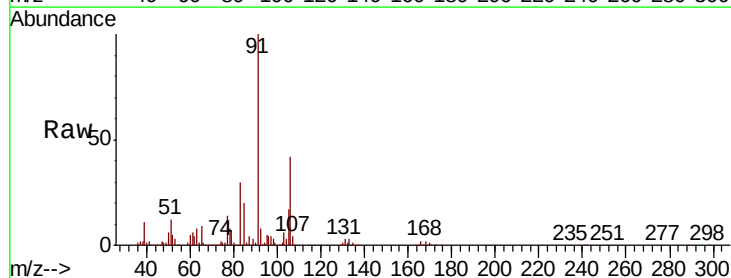
#59
m/p-Xylene
Concen: 7.924 ppbv
RT: 12.99 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 1 Jun 2022 9:34

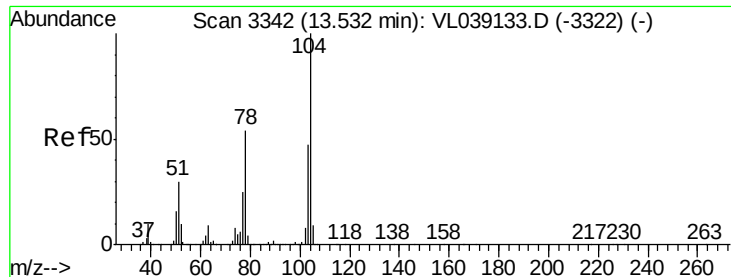
Tot Ion: 91 Resp: 3553286
Ion Ratio Lower Upper
91 100
106 82.0 34.3 51.5#



#60
o-Xylene
Concen: 7.749 ppbv
RT: 13.69 min Scan# 3390
Delta R.T. -0.01 min
Lab File: VL039142.D
Acq: 1 Jun 2022 9:34

Tgt Ion: 91 Resp: 3264983
Ion Ratio Lower Upper
91 100
106 43.7 22.3 66.9





#61

Stvrene

Concen: 8.211 ppbv

RT: 13.52

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 1 Jun 2022 9:34

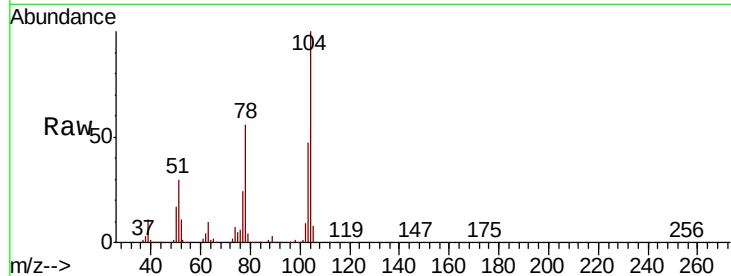
Tot Ion:104 Resp: 1852733

Ion Ratio Lower Upper

104 100

78 57.5 45.7 68.5

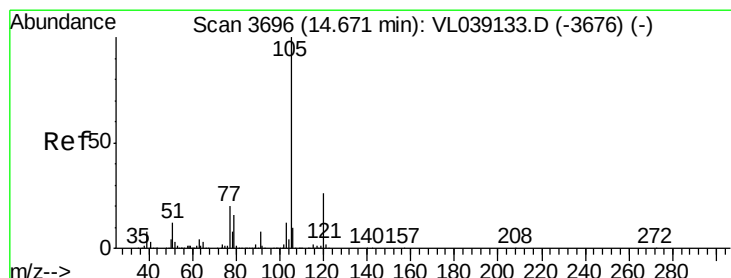
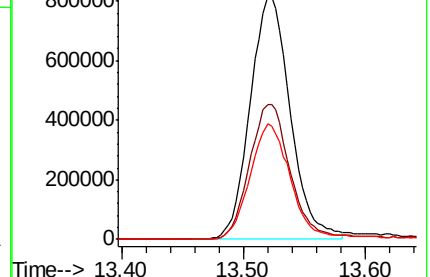
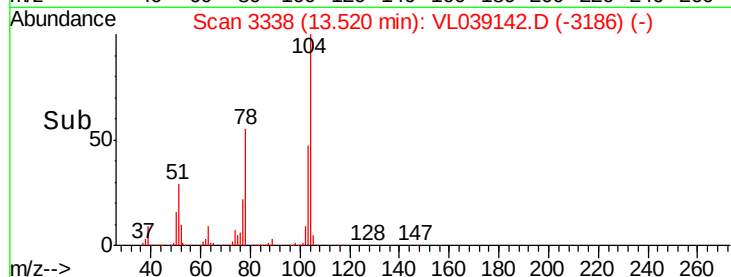
103 48.8 39.6 59.4



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: 7.546 ppbv

RT: 14.66 min Scan# 3693

Delta R.T. -0.01 min

Lab File: VL039142.D

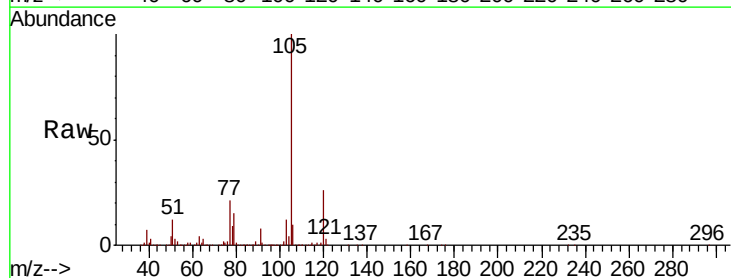
Acq: 1 Jun 2022 9:34

Tgt Ion:105 Resp: 4725815

Ion Ratio Lower Upper

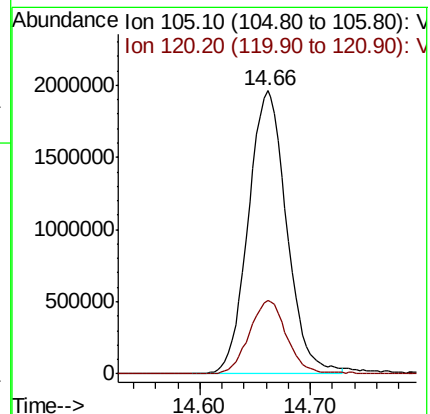
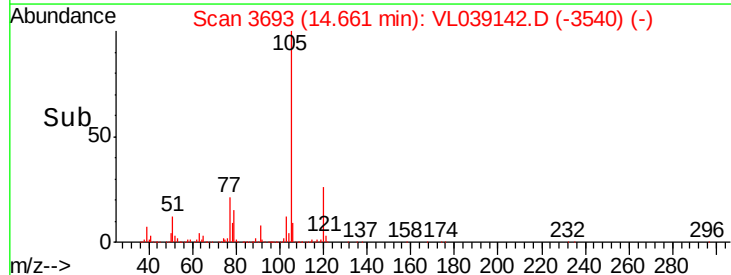
105 100

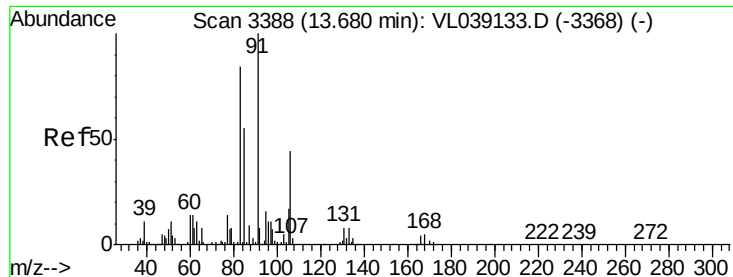
120 25.7 20.3 30.5



Abundance Ion 105.10 (104.80 to 105.80): V

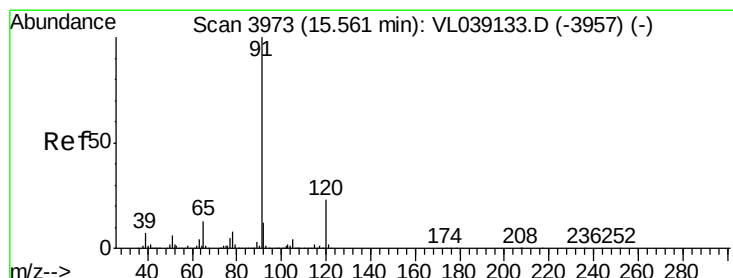
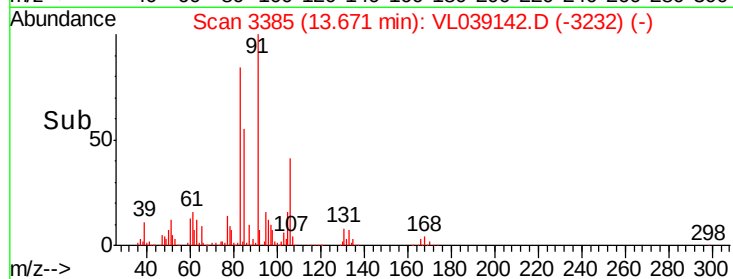
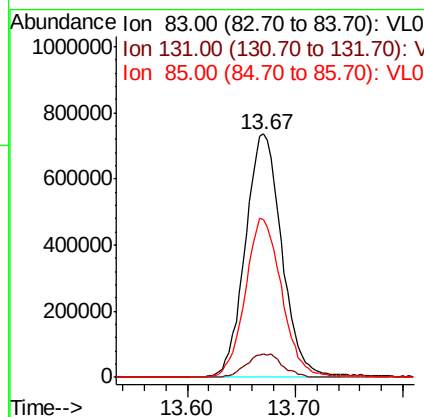
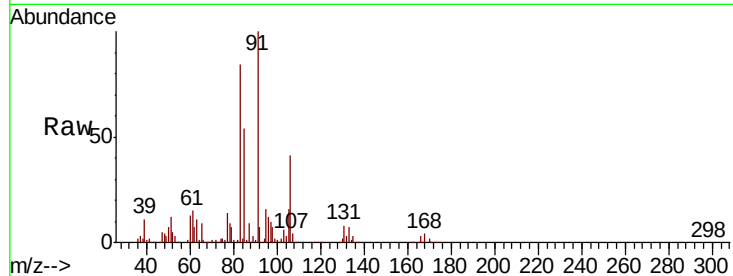
Ion 120.20 (119.90 to 120.90): V





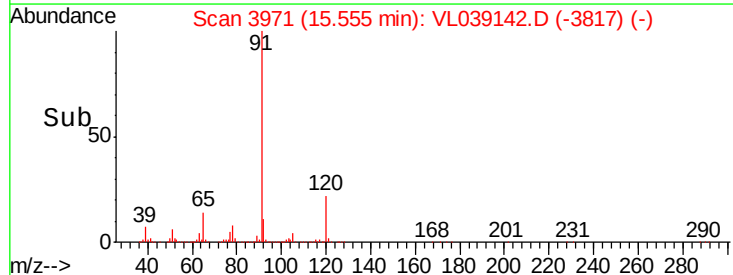
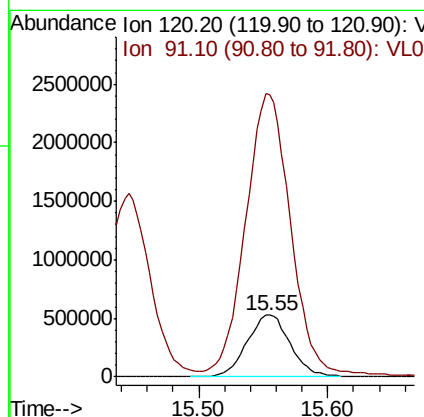
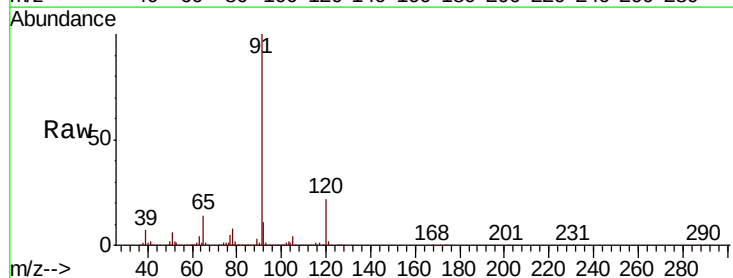
#63
 1,1,2,2-Tetrachloroethane
 Concen: 7.314 ppbv
 RT: 13.67
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 1 Jun 2022 9:34

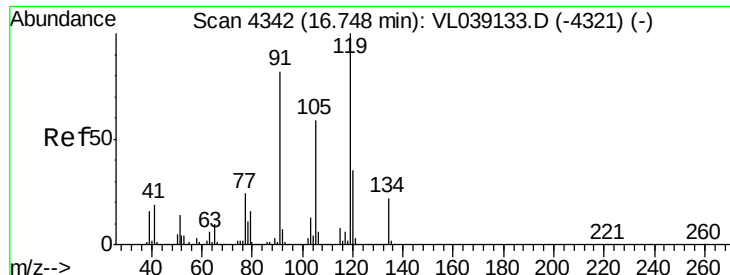
Tot Ion: 83 Resp: 1729755
 Ion Ratio Lower Upper
 83 100
 131 9.8 4.8 14.3
 85 66.1 33.0 99.0



#64
 n-propylbenzene
 Concen: 7.997 ppbv
 RT: 15.55 min Scan# 3971
 Delta R.T. -0.01 min
 Lab File: VL039142.D
 Acq: 1 Jun 2022 9:34

Tgt Ion:120 Resp: 1231134
 Ion Ratio Lower Upper
 120 100
 91 482.6 388.4 582.6

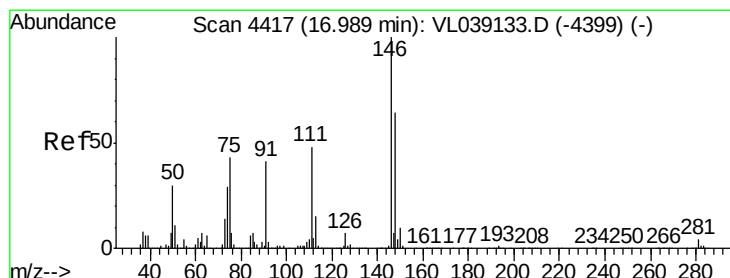
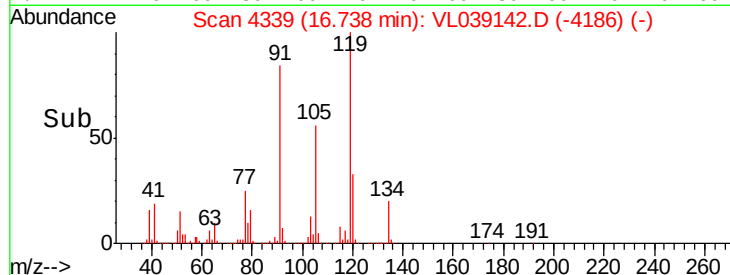
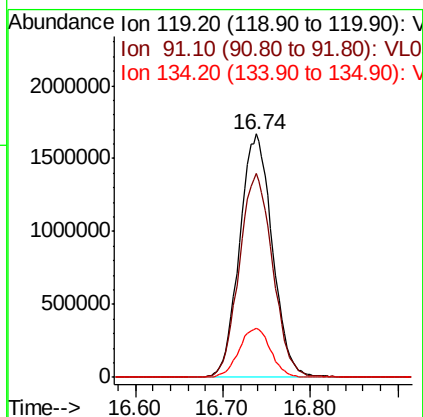
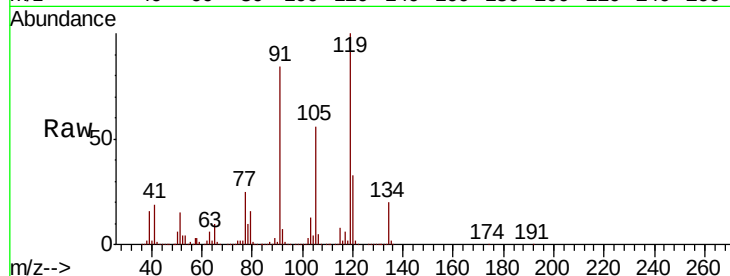




#65
tert-Butylbenzene
Concen: 7.562 ppbv
RT: 16.74 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 1 Jun 2022 9:34

Tot Ion: 119 Resp: 4330423

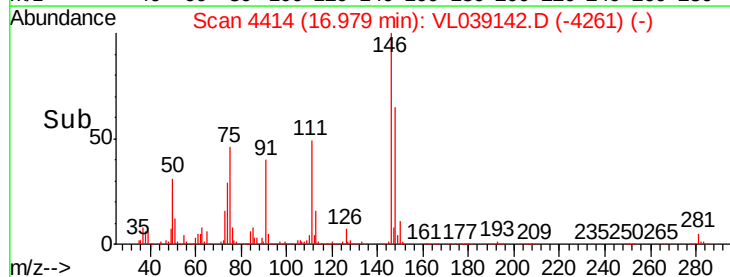
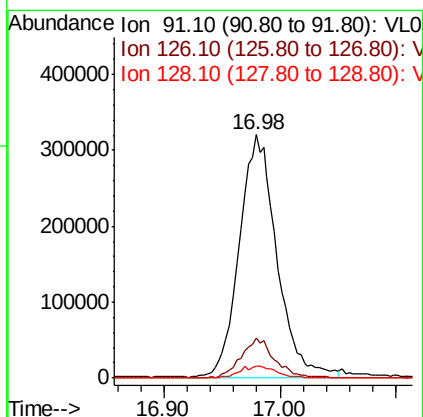
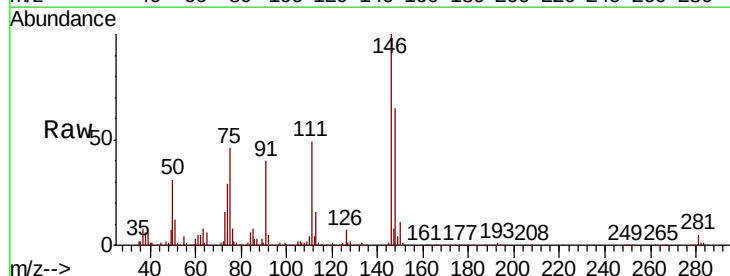
Ion	Ratio	Lower	Upper
119	100		
91	85.5	67.1	100.7
134	19.6	15.8	23.8

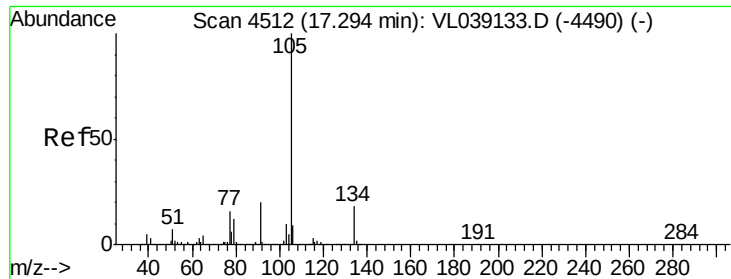


#66
Benzyl Chloride
Concen: 9.602 ppbv
RT: 16.98 min Scan# 4414
Delta R.T.: -0.01 min
Lab File: VL039142.D
Acq: 1 Jun 2022 9:34

Tgt Ion: 91 Resp: 714995

Ion	Ratio	Lower	Upper
91	100		
126	15.1	13.4	20.0
128	4.9	4.1	6.1





#67

sec-Butylbenzene

Concen: 7.702 ppbv

RT: 17.28

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

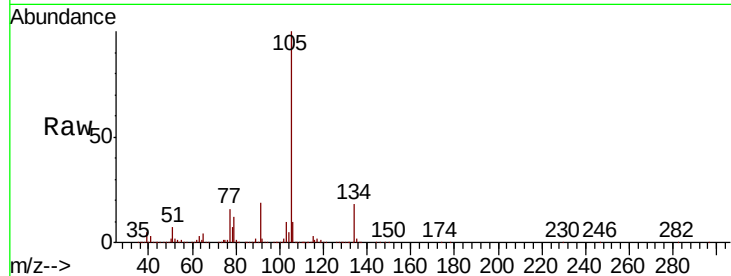
Acq: 1 Jun 2022 9:34

Tot Ion: 105 Resp: 6018237

Ion Ratio Lower Upper

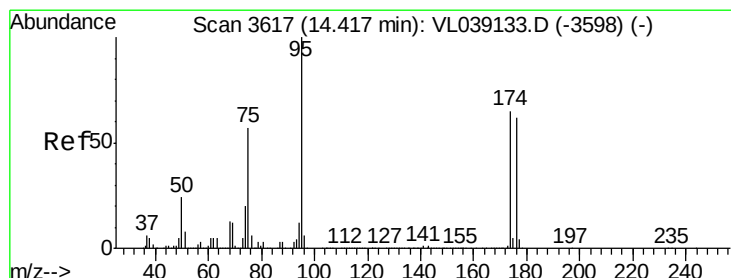
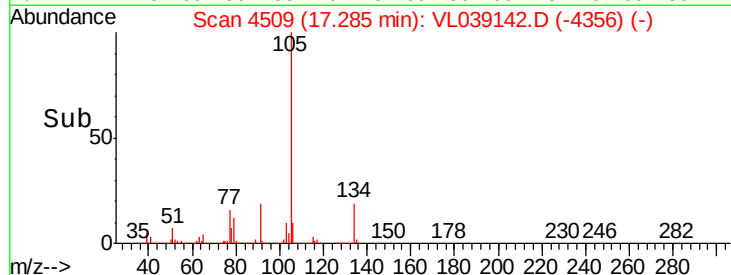
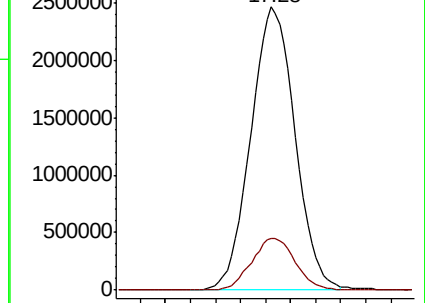
105 100

134 18.1 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: 8.424 ppbv

RT: 14.41 min Scan# 3615

Delta R.T. -0.01 min

Lab File: VL039142.D

Acq: 1 Jun 2022 9:34

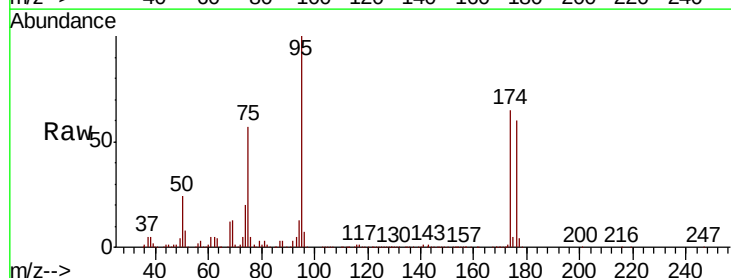
Tgt Ion: 95 Resp: 2574650

Ion Ratio Lower Upper

95 100

174 65.9 53.8 80.8

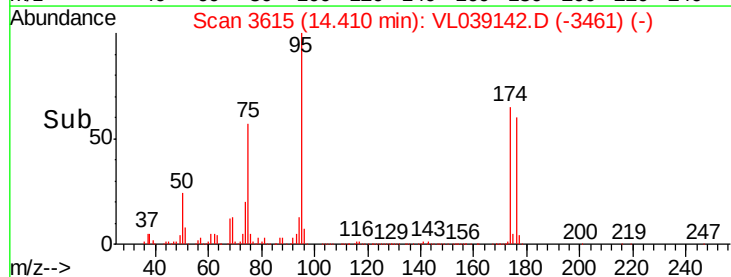
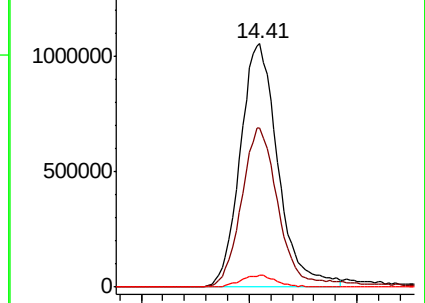
175 4.9 4.1 6.1

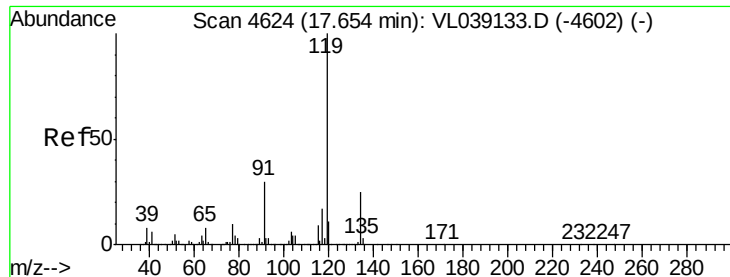


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

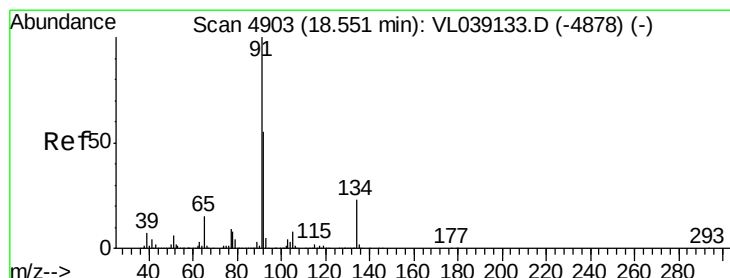
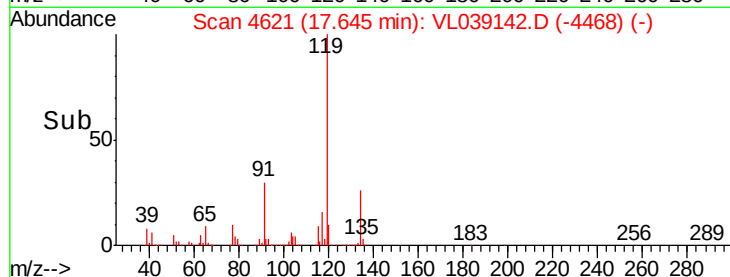
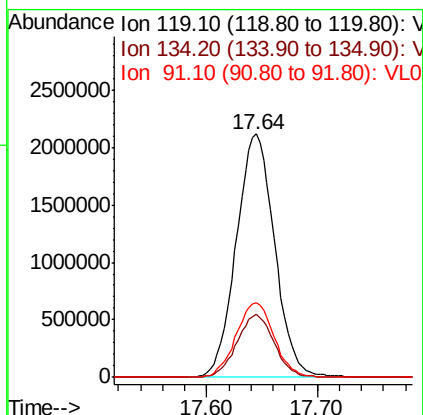
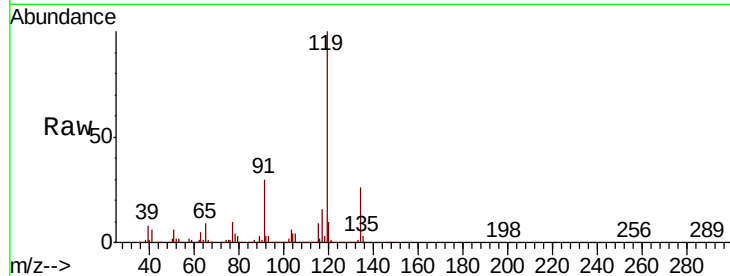
Ion 175.00 (174.70 to 175.70): V





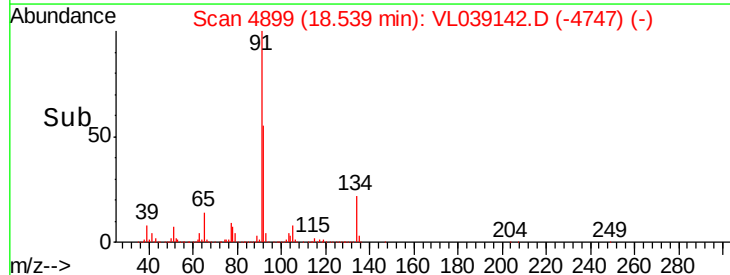
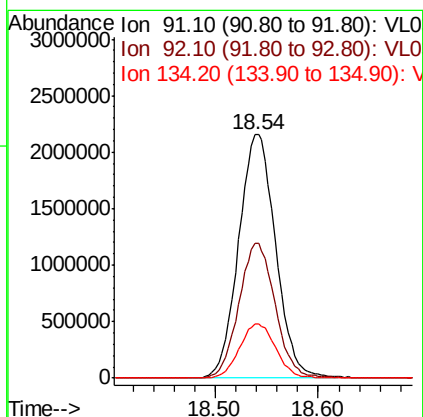
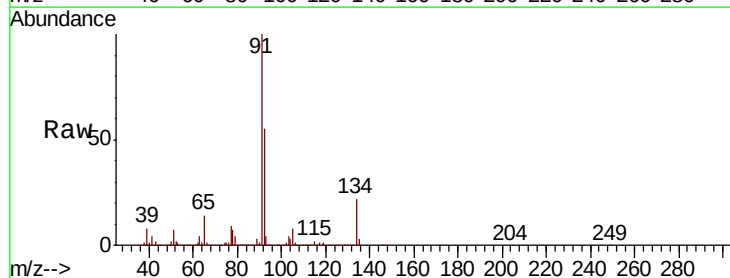
#69
 p-Isopropyltoluene
 Concen: 7.721 ppbv
 RT: 17.64 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 1 Jun 2022 9:34

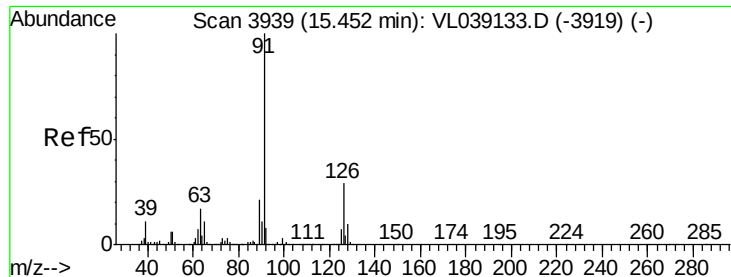
Tot Ion	Ratio	Lower	Upper
119	100		
134	25.3	20.4	30.6
91	30.6	24.2	36.4



#70
 n-Butylbenzene
 Concen: 7.936 ppbv
 RT: 18.54 min Scan# 4899
 Delta R.T. -0.01 min
 Lab File: VL039142.D
 Acq: 1 Jun 2022 9:34

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.6	43.6	65.4
134	22.0	17.7	26.5





#71

2-Chlorotoluene

Concen: 7.658 ppbv

RT: 15.45

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

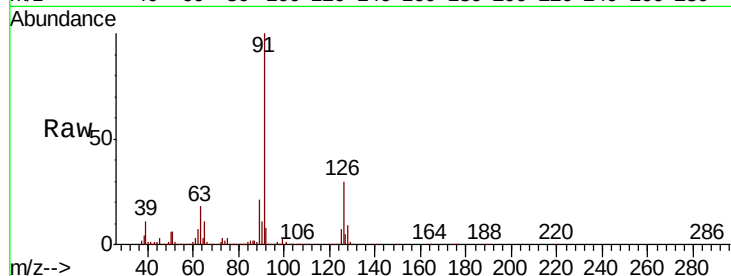
Acq: 1 Jun 2022 9:34

Tot Ion: 91 Resp: 3657514

Ion Ratio Lower Upper

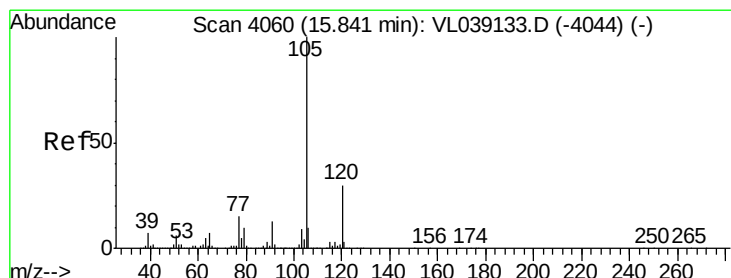
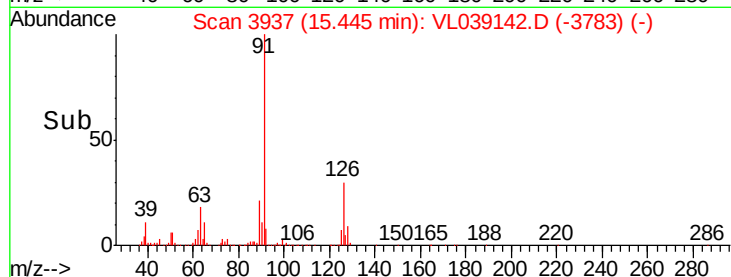
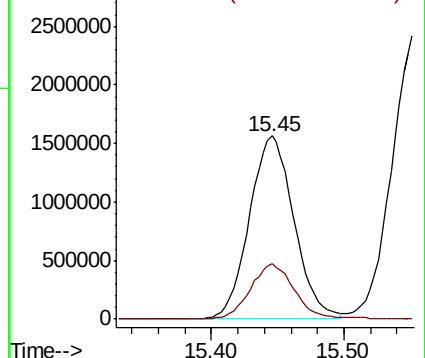
91 100

126 30.3 12.2 48.6



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V



#72

4-Ethyltoluene

Concen: 7.958 ppbv

RT: 15.83 min Scan# 4057

Delta R.T. -0.01 min

Lab File: VL039142.D

Acq: 1 Jun 2022 9:34

Tgt Ion:105 Resp: 3930092

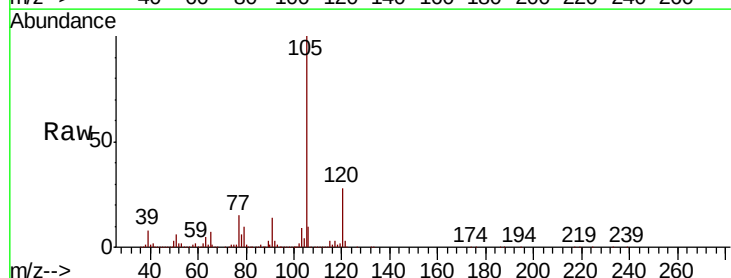
Ion Ratio Lower Upper

105 100

120 28.4 23.9 35.9

91 13.7 10.6 16.0

77 14.7 11.7 17.5

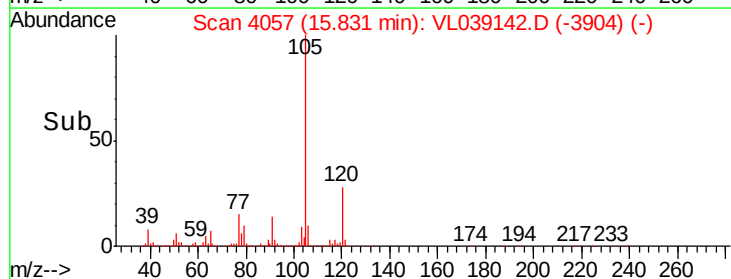
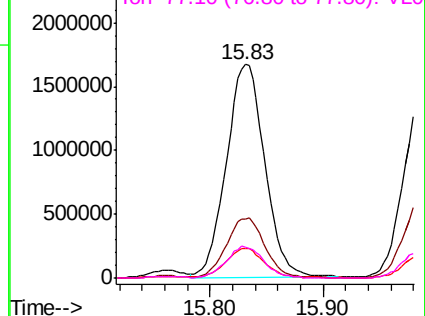


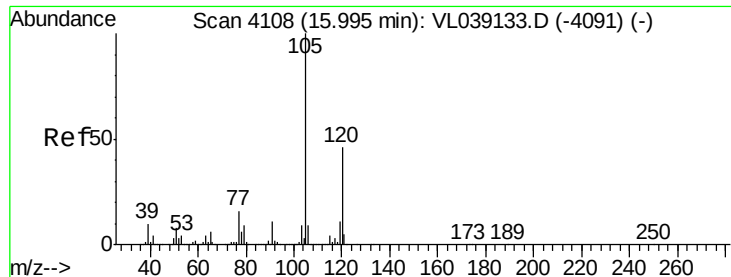
Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0





#73

1,3,5-Trimethylbenzene

Concen: 7.964 ppbv

RT: 15.99 min

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

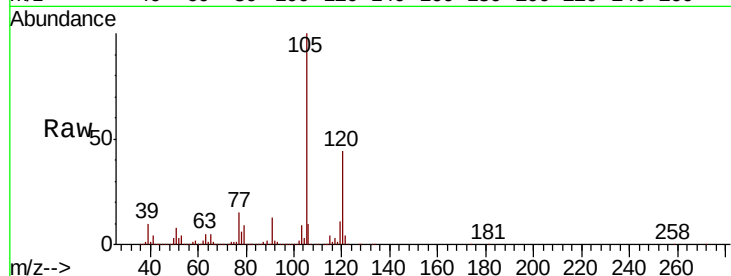
Acq: 1 Jun 2022 9:34

Tot Ion:105 Resp: 3547109

Ion Ratio Lower Upper

105 100

120 44.0 36.7 55.1



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

15.99

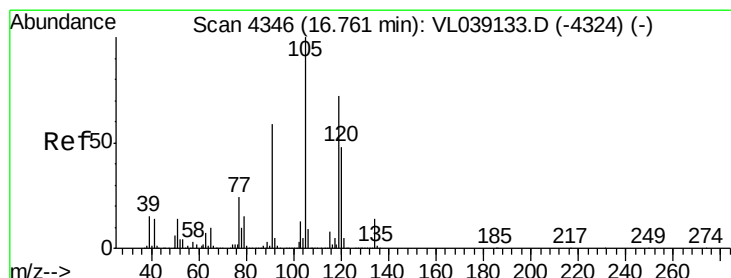
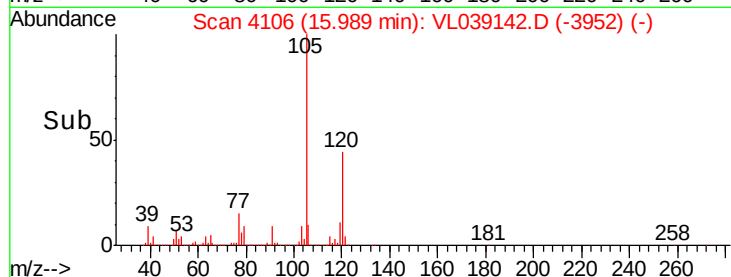
1500000

1000000

500000

0

Time-->



#74

1,2,4-Trimethylbenzene

Concen: 7.774 ppbv

RT: 16.75 min Scan# 4344

Delta R.T. -0.01 min

Lab File: VL039142.D

Acq: 1 Jun 2022 9:34

Tgt Ion:105 Resp: 3864170

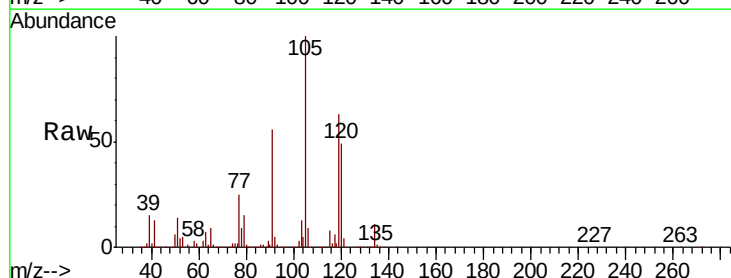
Ion Ratio Lower Upper

105 100

120 48.5 38.1 57.1

91 55.5 47.4 71.0

77 24.9 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

2500000

2000000

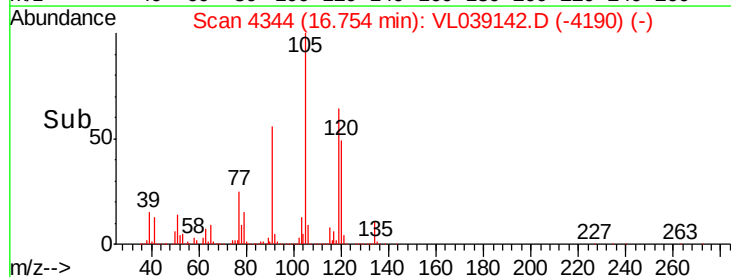
1500000

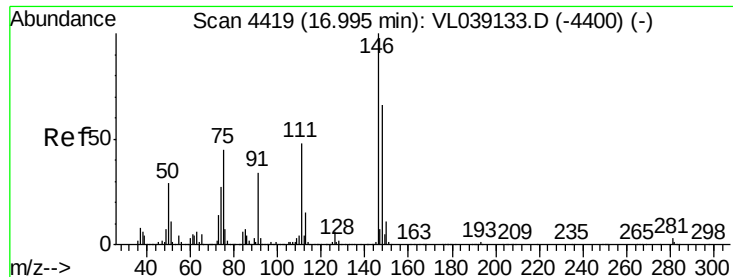
1000000

500000

0

Time-->

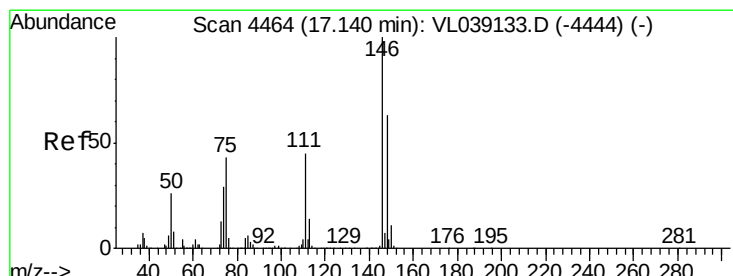
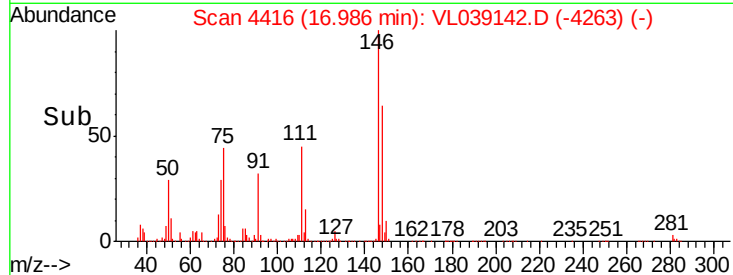
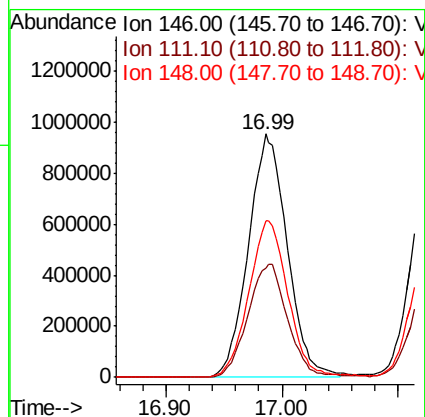
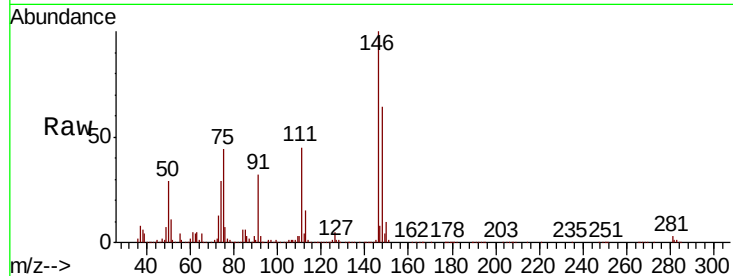




#75
 1,3-Dichlorobenzene
 Concen: 7.893 ppbv
 RT: 16.99 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 1 Jun 2022 9:34

Tot Ion:146 Resp: 2220793

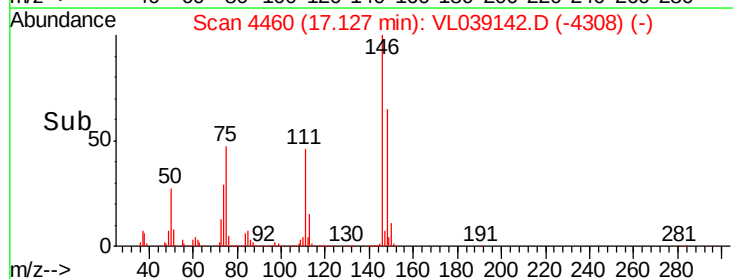
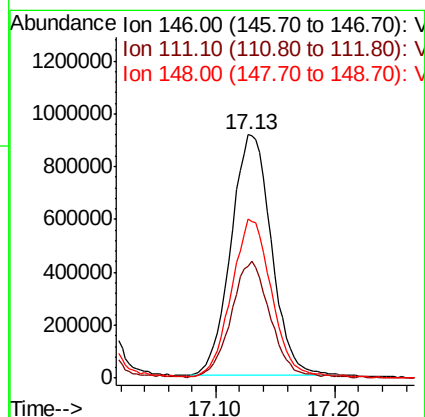
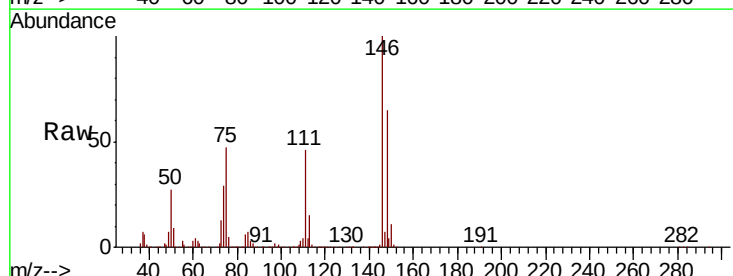
Ion	Ratio	Lower	Upper
146	100		
111	47.6	23.8	71.4
148	65.0	32.4	97.0

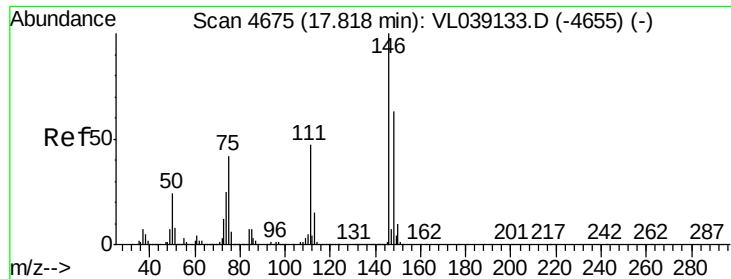


#76
 1,4-Dichlorobenzene
 Concen: 7.642 ppbv
 RT: 17.13 min Scan# 4460
 Delta R.T. -0.01 min
 Lab File: VL039142.D
 Acq: 1 Jun 2022 9:34

Tgt Ion:146 Resp: 2145061

Ion	Ratio	Lower	Upper
146	100		
111	47.6	23.6	71.0
148	66.8	33.7	101.0

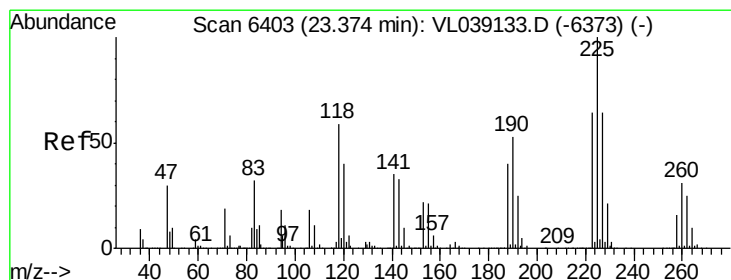
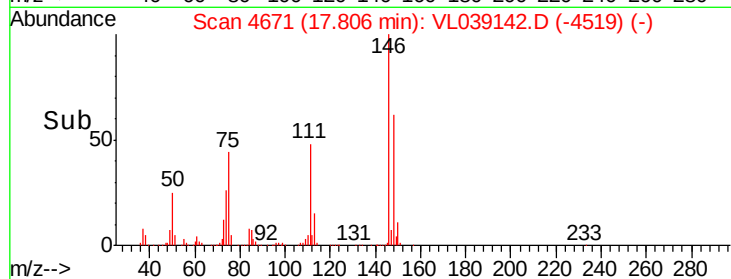
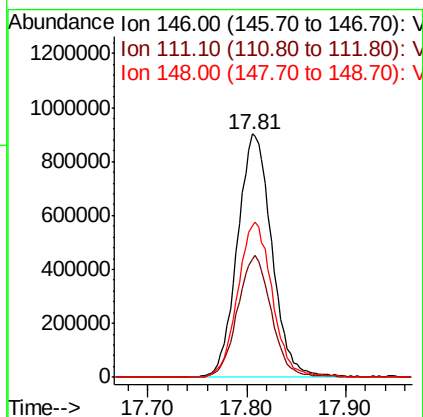
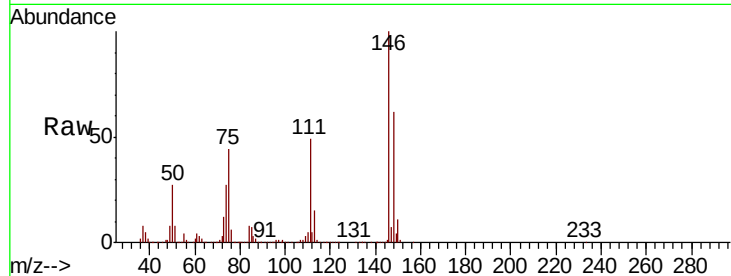




#77
 1,2-Dichlorobenzene
 Concen: 7.638 ppbv
 RT: 17.81 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 1 Jun 2022 9:34

Tot Ion:146 Resp: 2165941

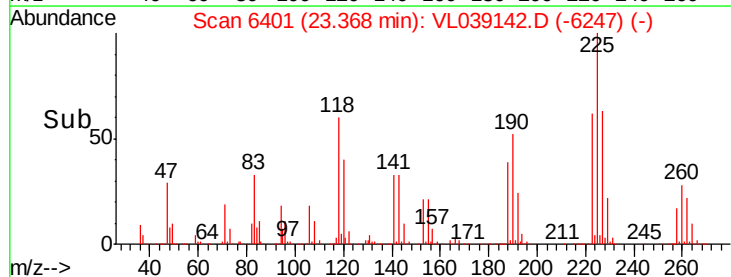
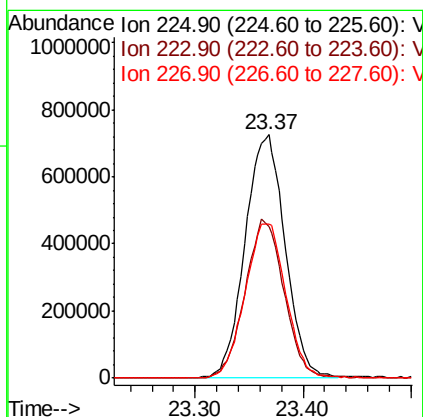
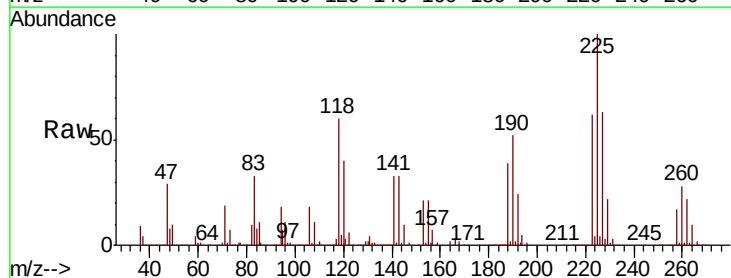
Ion	Ratio	Lower	Upper
146	100		
111	49.7	24.4	73.4
148	64.3	32.1	96.5

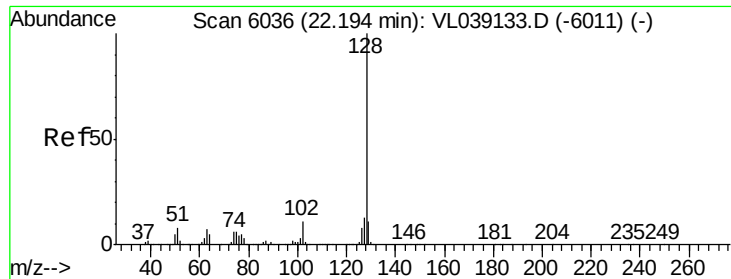


#78
 Hexachloro-1,3-Butadiene
 Concen: 7.217 ppbv
 RT: 23.37 min Scan# 6401
 Delta R.T. -0.01 min
 Lab File: VL039142.D
 Acq: 1 Jun 2022 9:34

Tgt Ion:225 Resp: 1871414

Ion	Ratio	Lower	Upper
225	100		
223	64.2	51.4	77.0
227	65.0	50.6	75.8

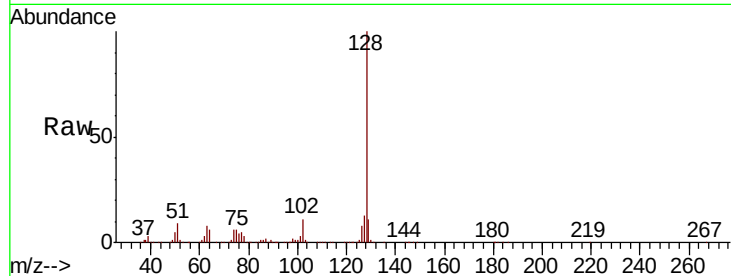




#79
Naphthalene
Concen: 9.062 ppbv
RT: 22.18 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 1 Jun 2022 9:34

Tot Ion:128 Resp: 3467395

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	11.2	9.0	13.6

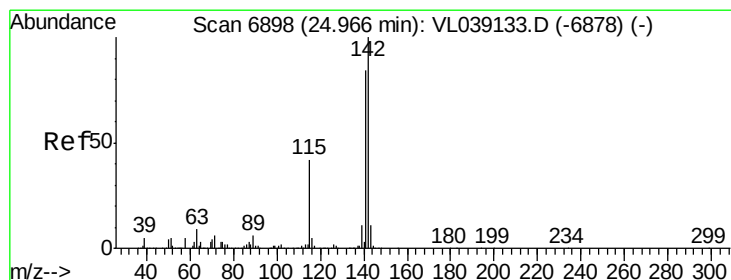
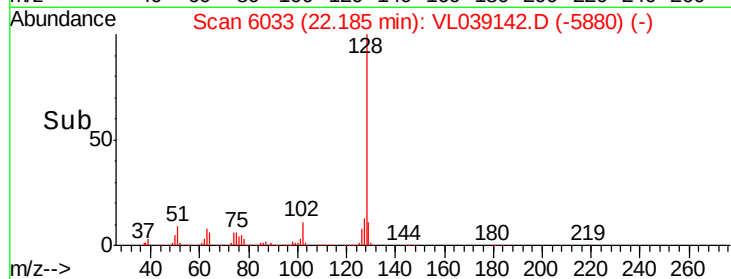
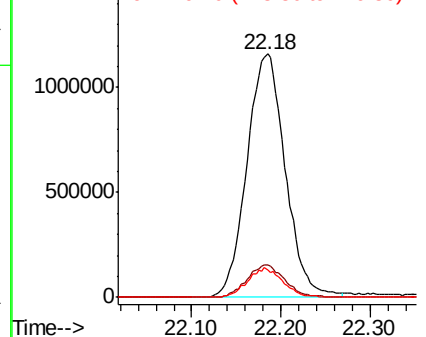


Abundance

Ion 128.10 (127.80 to 128.80): V

Ion 127.10 (126.80 to 127.80): V

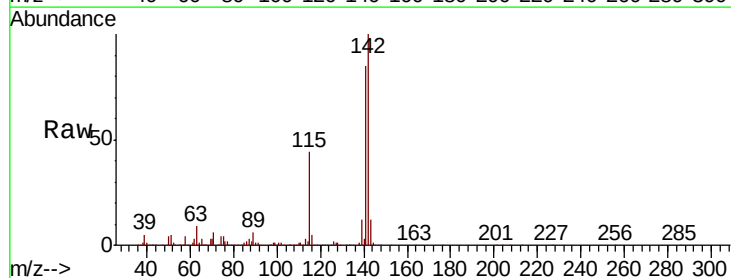
Ion 129.10 (128.80 to 129.80): V



#80
Naphthalene, 2-methyl-
Concen: 8.644 ppbv
RT: 24.96 min Scan# 6896
Delta R.T.: -0.01 min
Lab File: VL039142.D
Acq: 1 Jun 2022 9:34

Tgt Ion:142 Resp: 1228805

Ion	Ratio	Lower	Upper
142	100		
141	90.0	64.6	96.8
115	45.0	32.7	49.1

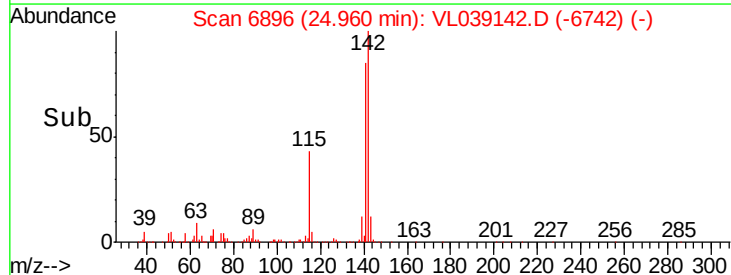
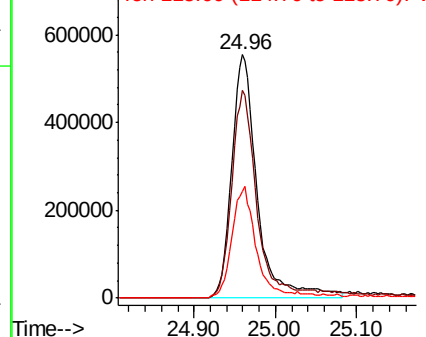


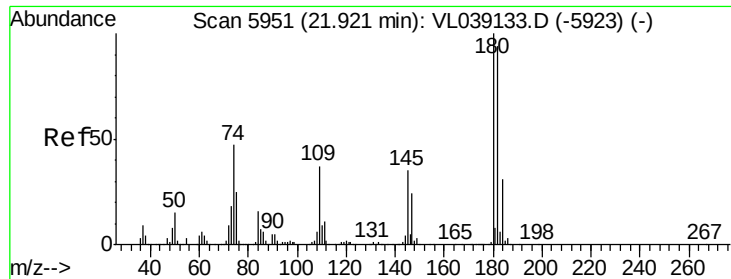
Abundance

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: 8.092 ppbv
 RT: 21.91
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 1 Jun 2022 9:34

Tot Ion:180 Resp: 1961613
 Ion Ratio Lower Upper
 180 100
 182 97.1 0.0 0.0#
 184 30.6 0.0 0.0#

