

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL053122\
 Data File : VL039140.D
 Acq On : 31 May 2022 21:53
 Operator : SY/AP
 Sample : VSTDICV010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICSVVL053122

Quant Time: Jul 02 01:34:25 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun 01 01:22:18 2022
 QLast Update : Wed Jun 01 01:22:18 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1395346	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3551857	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	4186747	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.42	95	2797034	8.08	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	80.80%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.06	85	2090235	8.53	ppbv	100
3) Chlorodifluoromethane	3.00	51	1636091	9.22	ppbv	98
4) Chloromethane	3.15	50	869614	9.54	ppbv	99
5) Vinyl Chloride	3.27	62	816961	9.58	ppbv	99
6) Bromomethane	3.48	94	392737	9.36	ppbv	96
7) Chloroethane	3.56	64	281368	9.47	ppbv	95
8) Dichlorotetrafluoroethane	3.20	85	2029330	9.06	ppbv	97
9) Propene	3.02	41	733584	9.48	ppbv	98
10) Heptane	8.13	43	1775033	9.83	ppbv	99
11) Trichlorofluoromethane	3.96	101	1980952	8.93	ppbv	98
12) 1,1,2-Trichlorotrifluoroet	4.49	101	1346484	9.18	ppbv	99
13) Ethanol	3.61	45	32440	7.68	ppbv #	100
14) Bromoethene	3.75	108	655907	9.94	ppbv	95
15) Acetone	3.85	43	1304222	8.97	ppbv	98
16) 1,3-Butadiene	3.33	39	757061	9.69	ppbv	99
17) tert-Butyl alcohol	4.29	59	1205648	10.69	ppbv	98
18) 1,1-Dichloroethene	4.29	96	621043	9.44	ppbv	98
19) Isopropyl Alcohol	3.97	45	731758	10.73	ppbv #	98
20) Methylene Chloride	4.35	84	494037	8.07	ppbv	94
21) Allyl Chloride	4.42	41	931356	9.50	ppbv	99
22) trans-1,2-Dichloroethene	4.89	96	597521	9.44	ppbv	96
23) Vinyl Acetate	5.08	43	1331642	11.07	ppbv	99
24) 1,1-Dichloroethane	5.02	63	1496917	9.08	ppbv	98
25) Ethyl Acetate	5.68	43	3130131	9.55	ppbv	100
26) Hexane	5.69	57	1376729	9.56	ppbv	99
27) Carbon Disulfide	4.56	76	1420856	9.52	ppbv	98
28) Methyl tert-Butyl Ether	5.04	73	1527336	9.61	ppbv	99
29) Chloroform	5.76	83	2268470	9.36	ppbv	100
30) Cyclohexane	7.13	84	1143168	9.45	ppbv	99
31) cis-1,2-Dichloroethene	5.56	61	1442035	9.82	ppbv	99
32) 1,1,1-Trichloroethane	6.52	97	2306423	9.73	ppbv	99
34) 2-Butanone	5.25	43	1886472	9.78	ppbv	98
35) Carbon Tetrachloride	7.02	117	2457678	9.48	ppbv	97
36) Benzene	6.90	78	2747330	9.53	ppbv	99
37) 1,2-Dichloroethane	6.31	62	1753547	9.24	ppbv	99
38) Trichloroethene	7.84	130	1346929	10.17	ppbv	97
39) 1,2-Dichloropropane	7.62	63	1089883	9.50	ppbv	98
40) 1,4-Dioxane	7.83	88	359820	9.53	ppbv #	1
41) Tetrahydrofuran	6.06	42	1129868	9.74	ppbv	100
42) Bromodichloromethane	7.80	83	2529073	9.60	ppbv	97
43) Methyl Methacrylate	8.02	69	1157134	10.30	ppbv	98

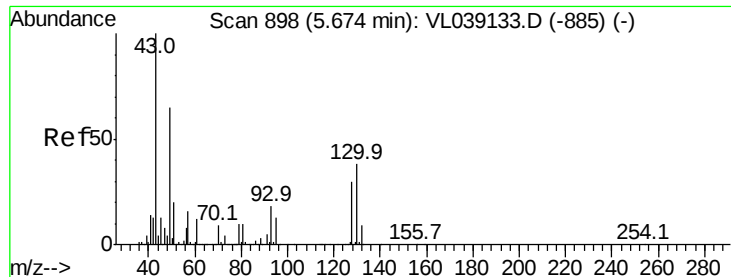
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL053122\
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Quant Time: Jul 02 01:34:25 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun 01 01:22:18 2022
 QLast Update : 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	4714780	9.35	ppbv	99
45) t-1,3-Dichloropropene	9.28	75	1364071	11.66	ppbv	97
46) cis-1,3-Dichloropropene	8.71	75	1657334	10.72	ppbv	99
47) 1,1,2-Trichloroethane	9.48	97	1156415	9.66	ppbv	97
48) Dibromochloromethane	10.31	129	2149567	10.06	ppbv	99
49) Bromoform	13.04	173	1776907	9.98	ppbv	99
50) 4-Methyl-2-Pentanone	8.74	43	2905555	10.06	ppbv	99
51) 2-Hexanone	10.14	43	2282497	10.16	ppbv #	100
52) Tetrachloroethene	11.23	164	1047903	9.31	ppbv	96
53) Toluene	9.81	91	3262717	9.83	ppbv	100
54) 1,2-Dibromoethane	10.62	107	1621029	10.08	ppbv	92
56) 1,1,1,2-Tetrachloroethane	12.13	131	1448189	7.31	ppbv	99
57) Chlorobenzene	12.15	112	2401940	7.62	ppbv	95
58) Ethyl Benzene	12.72	91	4361653	7.56	ppbv	97
59) m/p-Xylene	13.00	91	4002192	7.88	ppbv #	39
60) o-Xylene	13.70	91	3556378	7.45	ppbv	100
61) Styrene	13.53	104	2078822	8.13	ppbv	98
62) Isopropylbenzene	14.67	105	5205148	7.34	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.68	83	1884620	7.04	ppbv	99
64) n-propylbenzene	15.56	120	1363895	7.82	ppbv	96
65) tert-Butylbenzene	16.75	119	4702282	7.25	ppbv	99
66) Benzyl Chloride	16.99	91	776829	9.21	ppbv	99
67) sec-Butylbenzene	17.30	105	6547272	7.40	ppbv	99
69) p-Isopropyltoluene	17.65	119	5528710	7.41	ppbv	99
70) n-Butylbenzene	18.55	91	5787389	7.55	ppbv	99
71) 2-Chlorotoluene	15.45	91	4001668	7.40	ppbv	99
72) 4-Ethyltoluene	15.84	105	4326061	7.73	ppbv	99
73) 1,3,5-Trimethylbenzene	16.00	105	3862712	7.66	ppbv	97
74) 1,2,4-Trimethylbenzene	16.76	105	4142774	7.36	ppbv	94
75) 1,3-Dichlorobenzene	17.00	146	2435627	7.64	ppbv	99
76) 1,4-Dichlorobenzene	17.14	146	2391260	7.52	ppbv	99
77) 1,2-Dichlorobenzene	17.82	146	2386701	7.43	ppbv	99
78) Hexachloro-1,3-Butadiene	23.37	225	2023008	6.89	ppbv	99
79) Naphthalene	22.19	128	3927826	9.06	ppbv	99
80) Naphthalene,2-methyl-	24.97	142	1674372	10.40	ppbv	95
81) 1,2,4-Trichlorobenzene	21.92	180	2163710	7.88	ppbv #	100

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



#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.67

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 31 May 2022 21:53

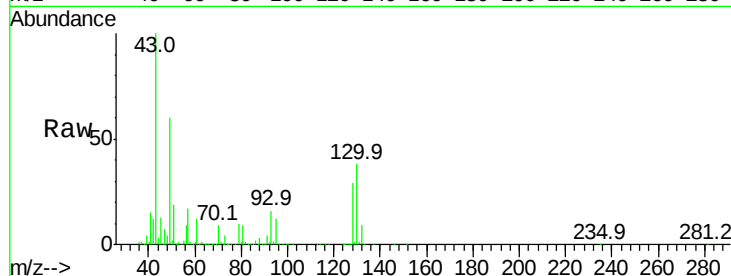
Tgt Ion: 49 Resp: 1395346

Ion Ratio Lower Upper

49 100

128 50.3 24.7 74.1

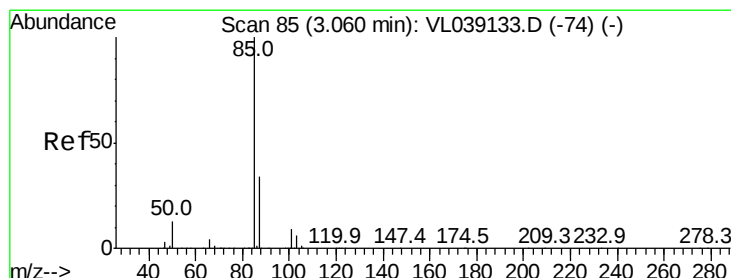
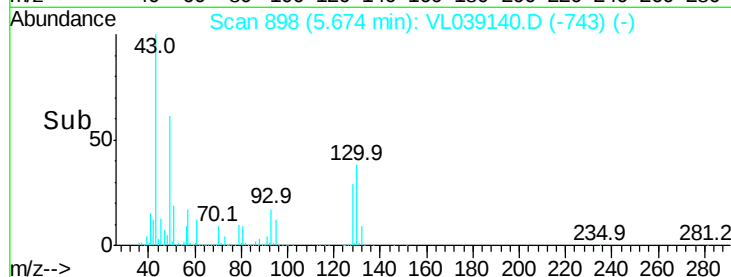
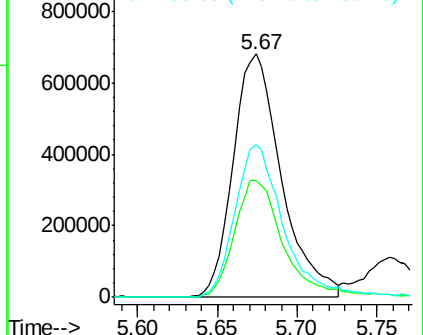
130 65.5 31.4 94.0



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#2

Dichlorodifluoromethane

Concen: 8.53 ppbv

RT: 3.06 min Scan# 84

Delta R.T. -0.00 min

Lab File: VL039140.D

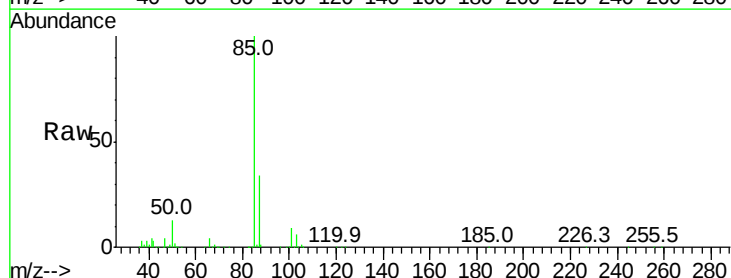
Acq: 31 May 2022 21:53

Tgt Ion: 85 Resp: 2090235

Ion Ratio Lower Upper

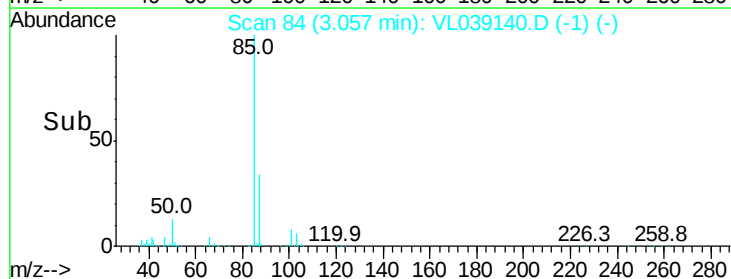
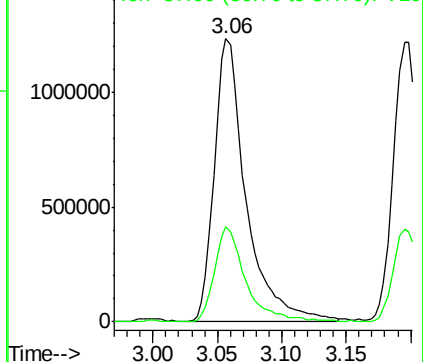
85 100

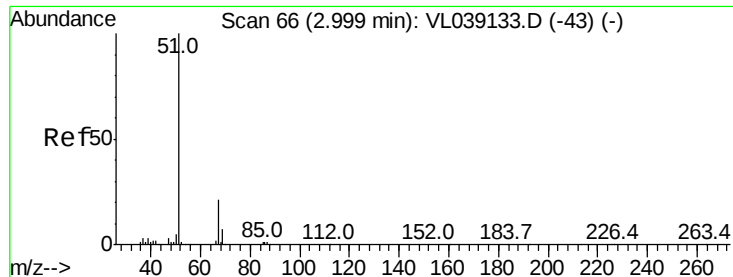
87 33.6 26.9 40.3



Abundance Ion 85.00 (84.70 to 85.70): VL0

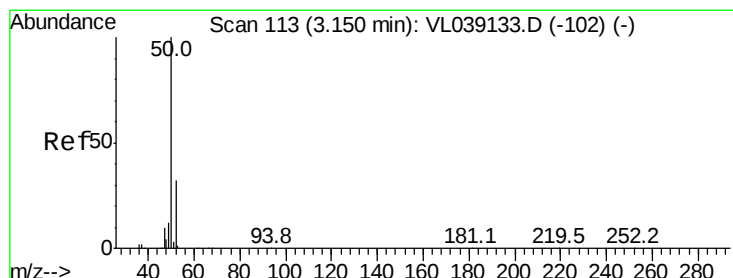
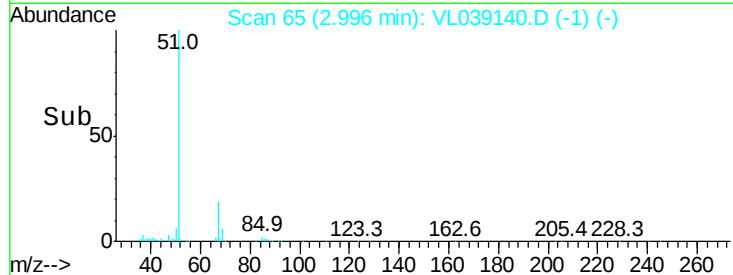
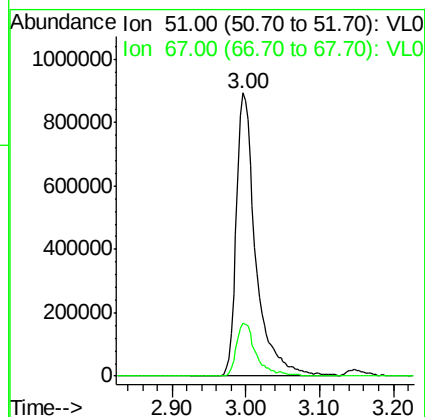
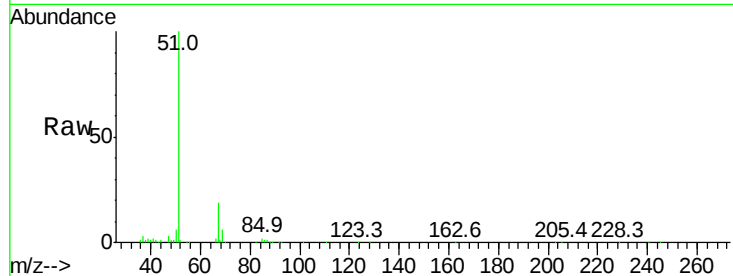
Ion 87.00 (86.70 to 87.70): VL0





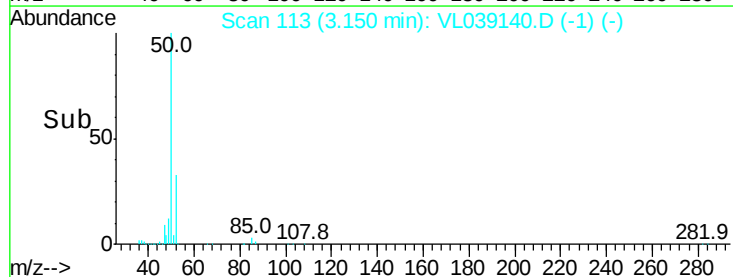
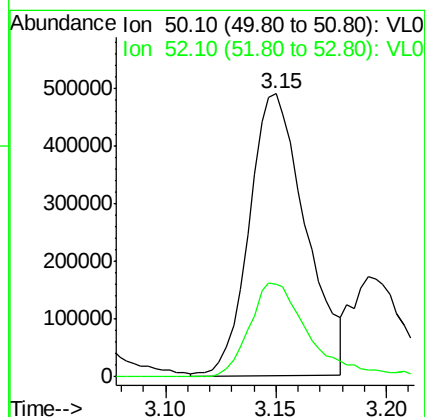
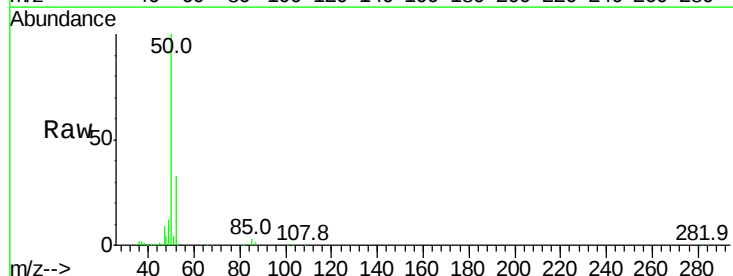
#3
 Chlorodifluoromethane
 Concen: 9.22 ppbv
 RT: 3.00
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 31 May 2022 21:53

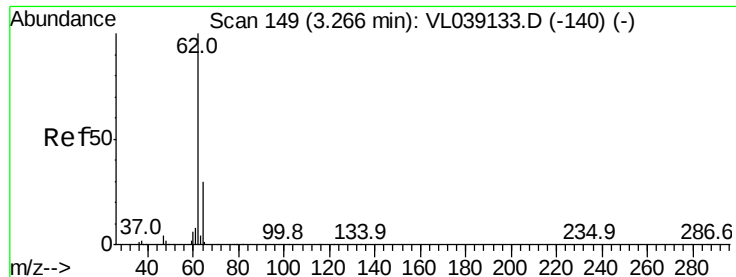
Tgt Ion: 51 Resp: 1636091
 Ion Ratio Lower Upper
 51 100
 67 19.3 16.2 24.4



#4
 Chloromethane
 Concen: 9.54 ppbv
 RT: 3.15 min Scan# 113
 Delta R.T. -0.00 min
 Lab File: VL039140.D
 Acq: 31 May 2022 21:53

Tgt Ion: 50 Resp: 869614
 Ion Ratio Lower Upper
 50 100
 52 33.1 25.9 38.9





#5

Vinyl Chloride

Concen: 9.58 ppbv

RT: 3.27 Instrument: MSVOA_1

Delta R.T. 0.00 min

Lab File: ClientSampleId: ICVVL053122

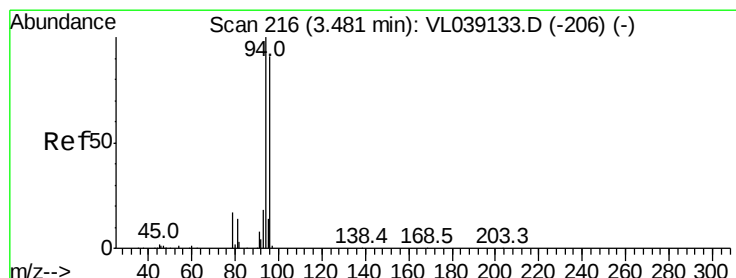
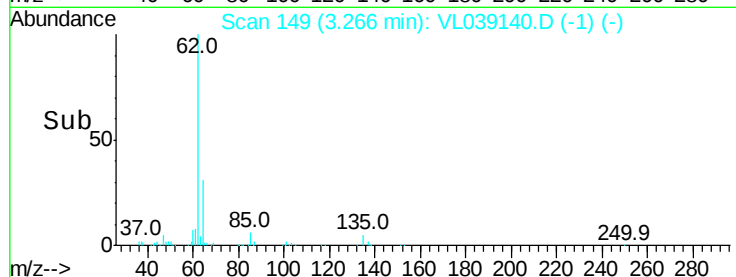
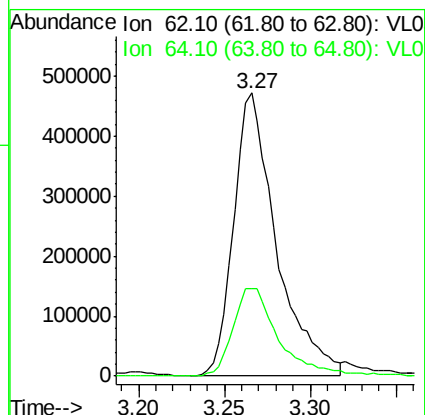
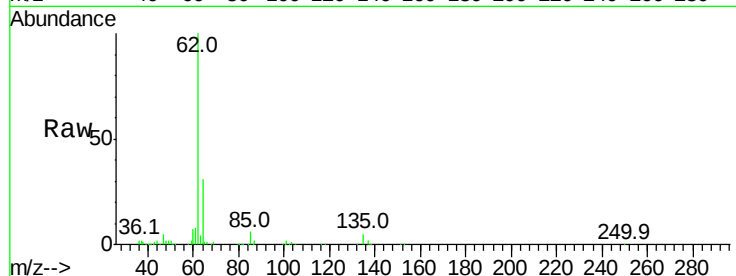
Acq: 31 May 2022 21:53

Tgt Ion: 62 Resp: 816961

Ion Ratio Lower Upper

62 100

64 30.9 24.2 36.2



#6

Bromomethane

Concen: 9.36 ppbv

RT: 3.48 min Scan# 217

Delta R.T. 0.00 min

Lab File: VL039140.D

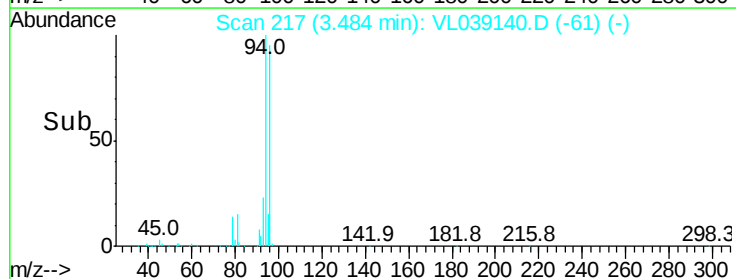
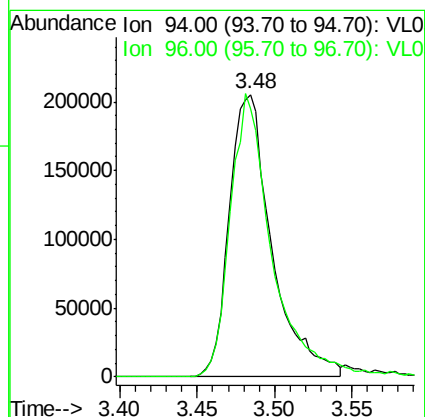
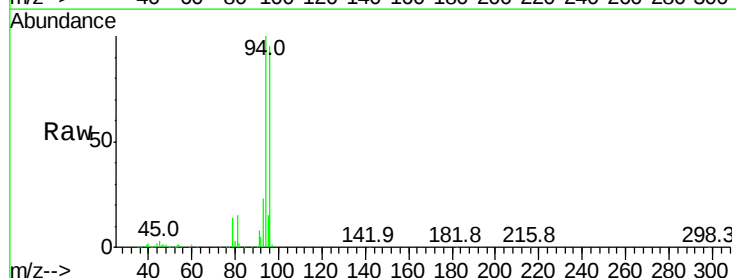
Acq: 31 May 2022 21:53

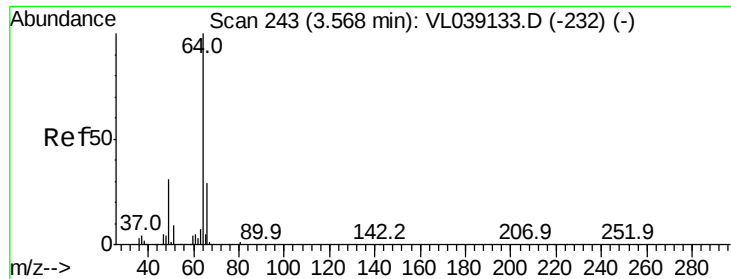
Tgt Ion: 94 Resp: 392737

Ion Ratio Lower Upper

94 100

96 94.7 73.0 109.4





#7

Chloroethane

Concen: 9.47 ppbv

RT: 3.56 Instrument: MSVOA_1

Delta R.T. -0.00 min

Lab File: ClientSampleId: ICVVL053122

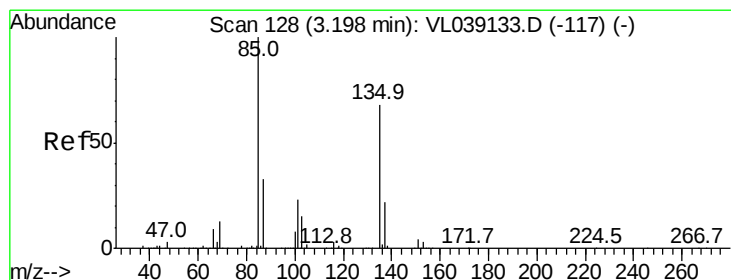
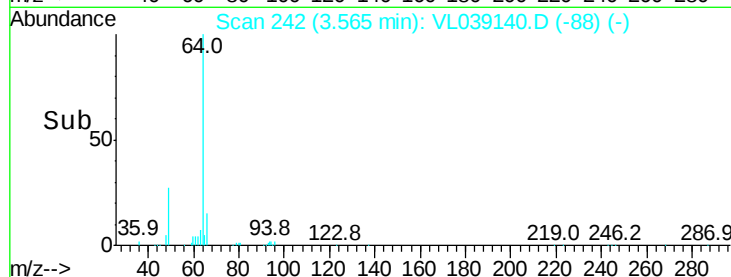
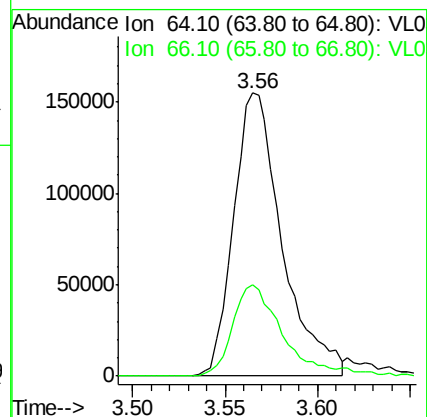
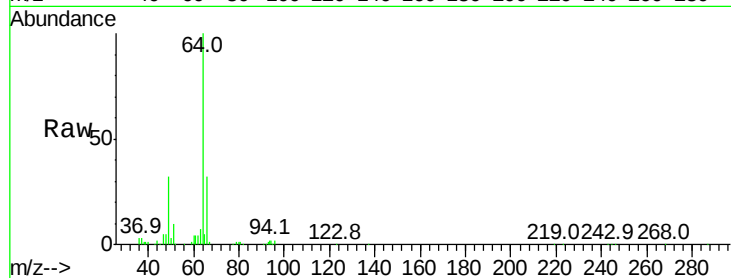
Acq: 31 May 2022 21:53

Tgt Ion: 64 Resp: 281368

Ion Ratio Lower Upper

64 100

66 32.1 23.6 35.4



#8

Dichlorotetrafluoroethane

Concen: 9.06 ppbv

RT: 3.20 min Scan# 128

Delta R.T. -0.00 min

Lab File: VL039140.D

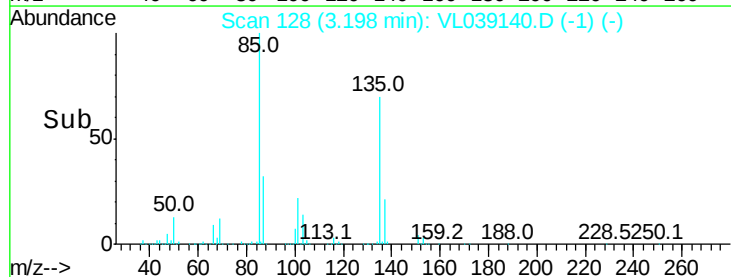
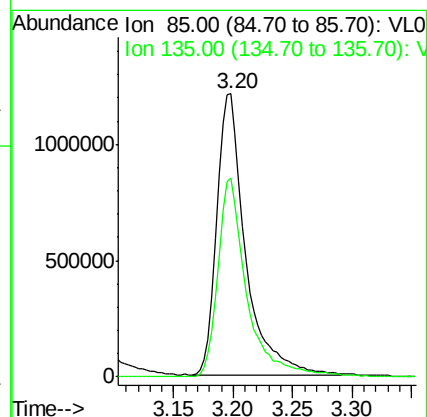
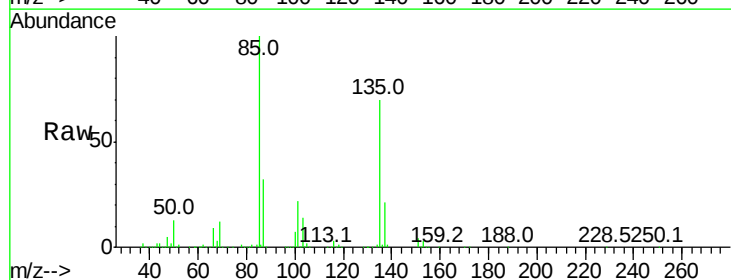
Acq: 31 May 2022 21:53

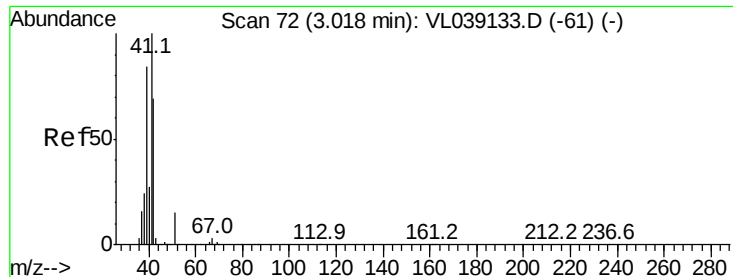
Tgt Ion: 85 Resp: 2029330

Ion Ratio Lower Upper

85 100

135 71.3 55.0 82.4





#9

Propene

Concen: 9.48 ppbv

RT: 3.02 Instrument: MSVOA_1

Delta R.T. -0.00 min

Lab File: ClientSampleId: ICVVL053122

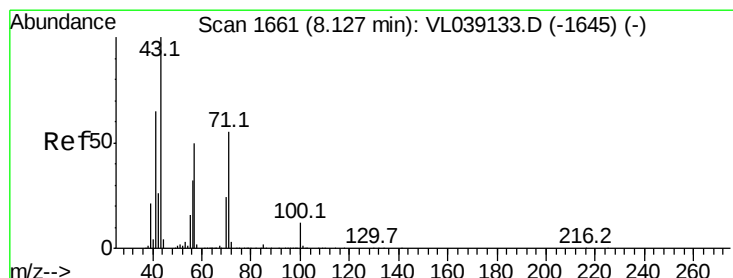
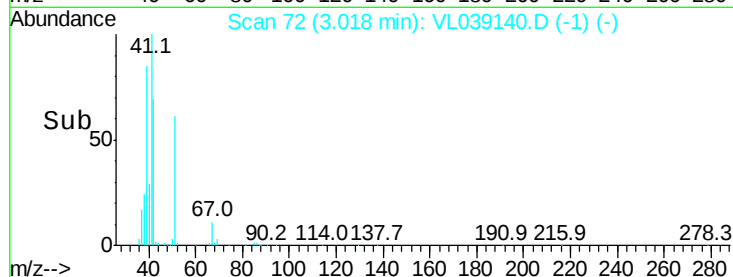
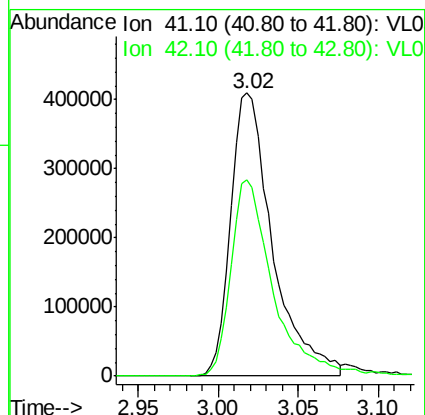
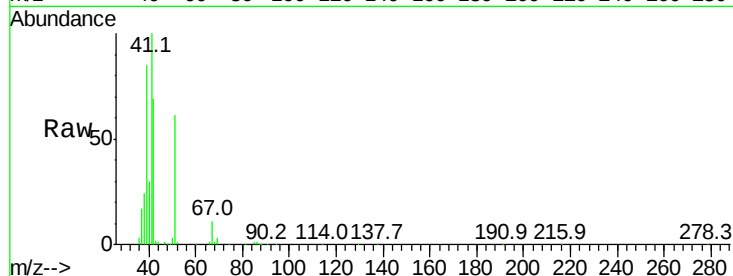
Acq: 31 May 2022 21:53

Tgt Ion: 41 Resp: 733584

Ion Ratio Lower Upper

41 100

42 70.7 55.4 83.2



#10

Heptane

Concen: 9.83 ppbv

RT: 8.13 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VL039140.D

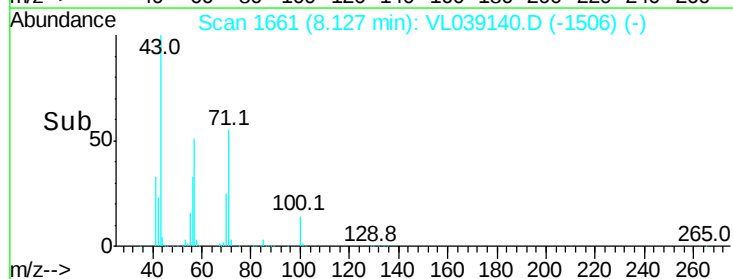
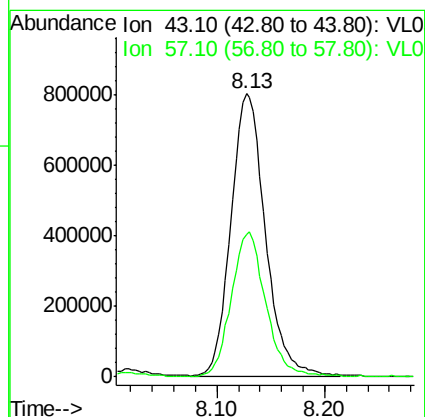
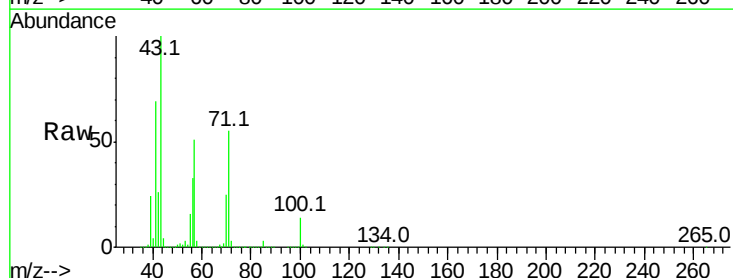
Acq: 31 May 2022 21:53

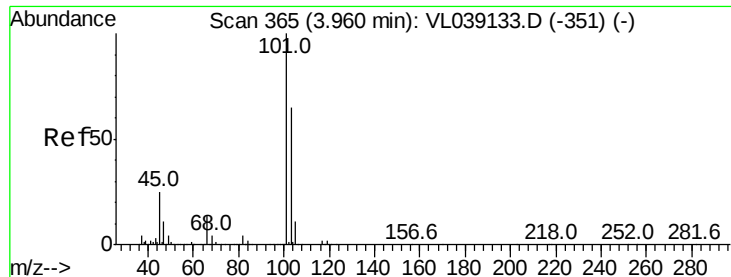
Tgt Ion: 43 Resp: 1775033

Ion Ratio Lower Upper

43 100

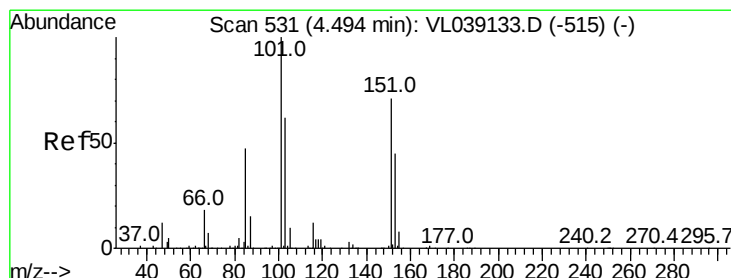
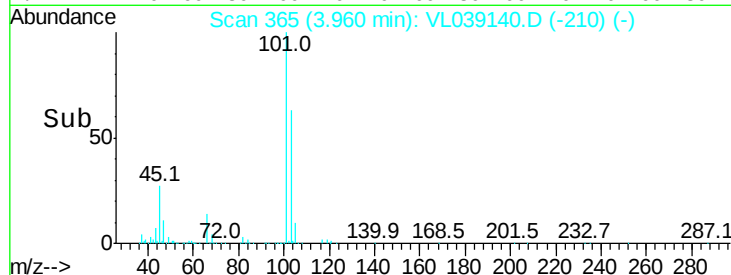
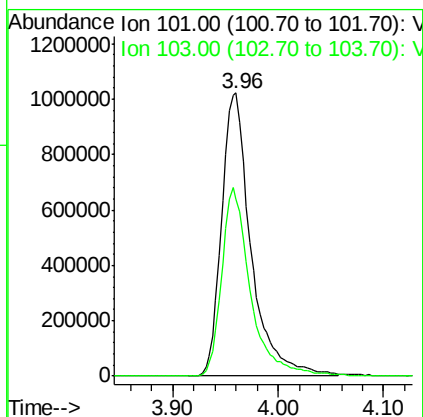
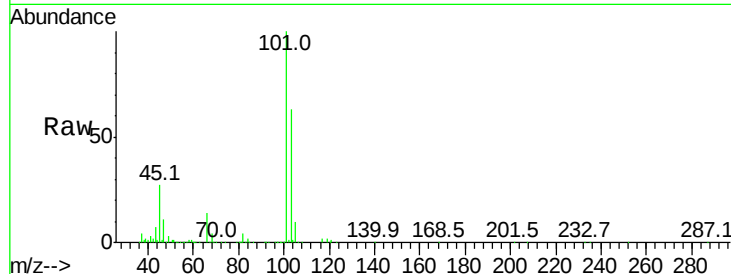
57 51.1 41.4 62.2





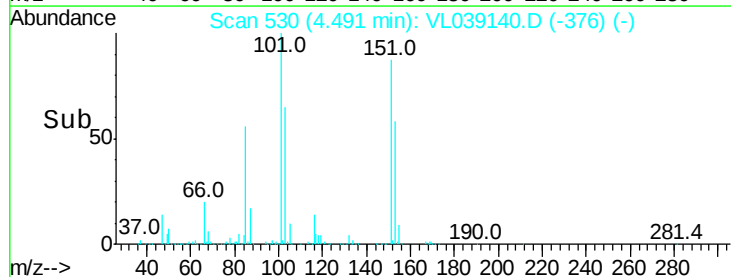
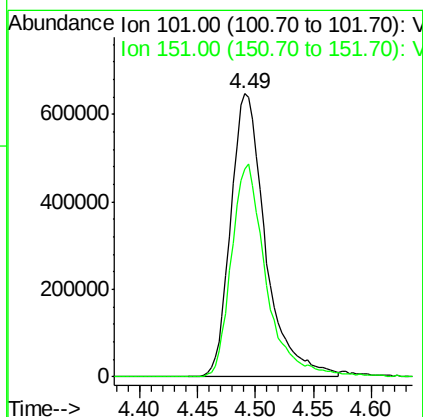
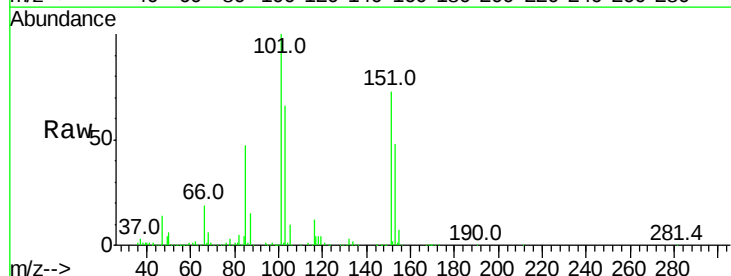
#11
 Trichlorofluoromethane
 Concen: 8.93 ppbv
 RT: 3.96
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 ICVVL053122
 Acq: 31 May 2022 21:53

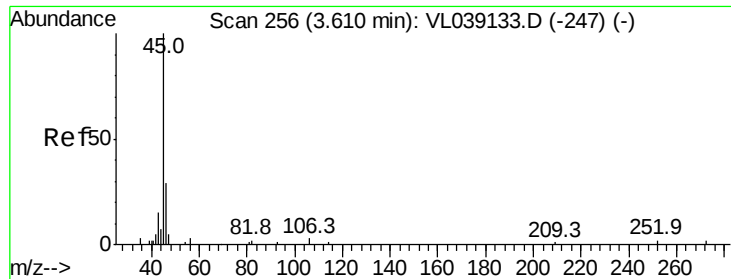
Tgt Ion:101 Resp: 1980952
 Ion Ratio Lower Upper
 101 100
 103 62.8 51.7 77.5



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.18 ppbv
 RT: 4.49 min Scan# 530
 Delta R.T. -0.00 min
 Lab File: VL039140.D
 Acq: 31 May 2022 21:53

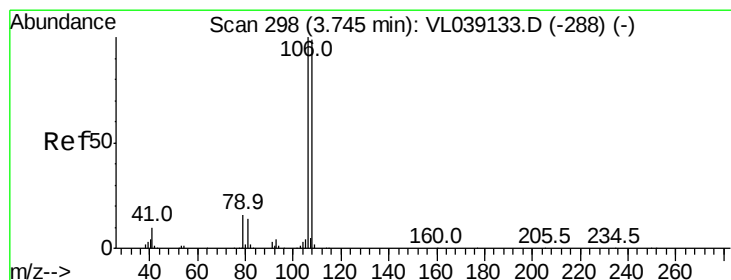
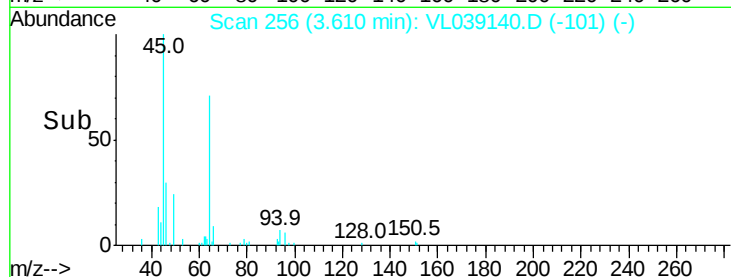
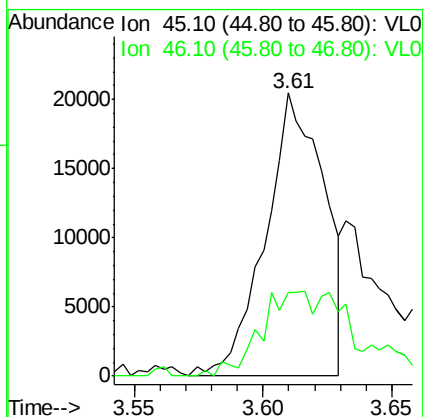
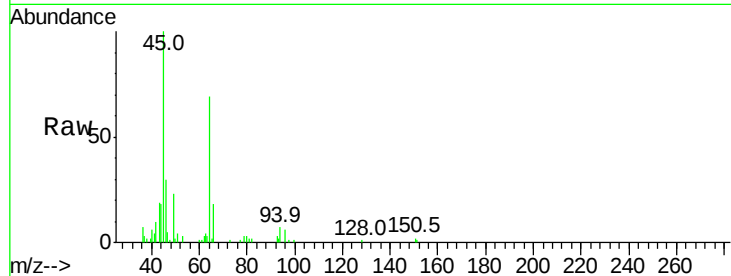
Tgt Ion:101 Resp: 1346484
 Ion Ratio Lower Upper
 101 100
 151 75.3 59.4 89.0





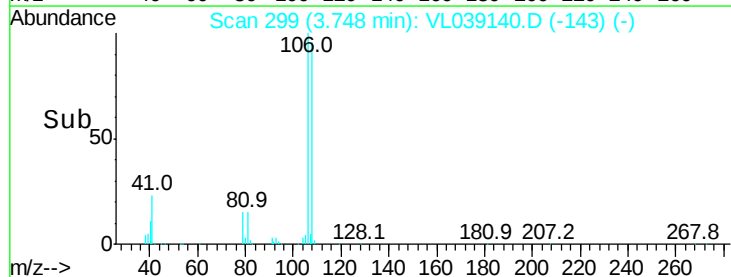
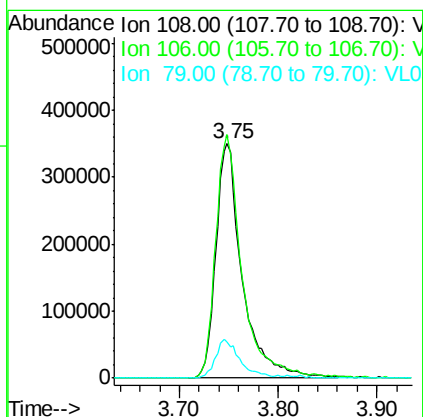
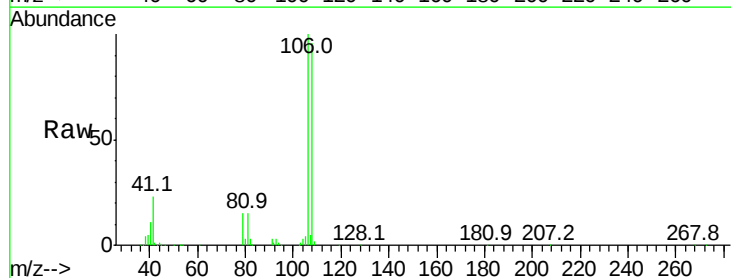
#13
 Ethanol
 Concen: 7.68 ppbv
 RT: 3.61
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 31 May 2022 21:53

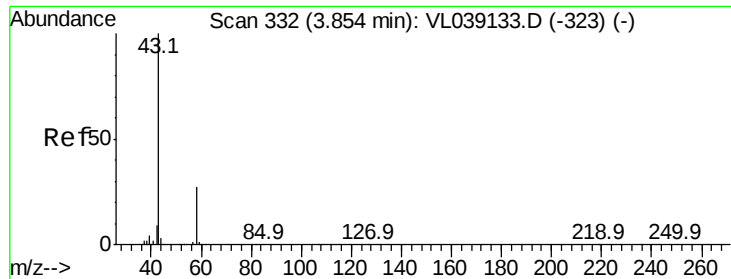
Tgt Ion: 45 Resp: 32440
 Ion Ratio Lower Upper
 45 100
 46 54.0 0.0 0.0#



#14
 Bromoethene
 Concen: 9.94 ppbv
 RT: 3.75 min Scan# 299
 Delta R.T. 0.00 min
 Lab File: VL039140.D
 Acq: 31 May 2022 21:53

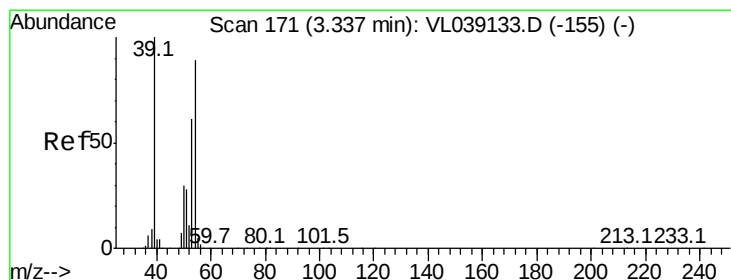
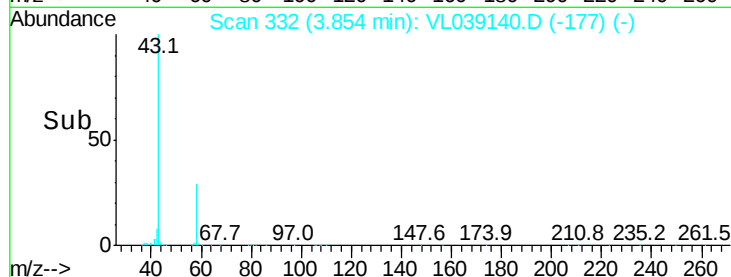
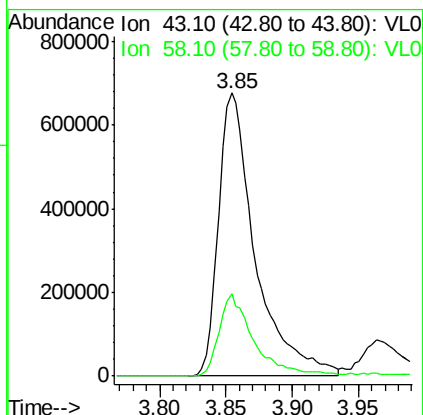
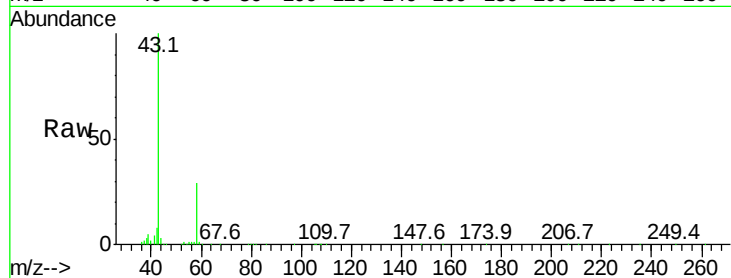
Tgt Ion: 108 Resp: 655907
 Ion Ratio Lower Upper
 108 100
 106 104.6 88.4 132.6
 79 16.8 13.4 20.2





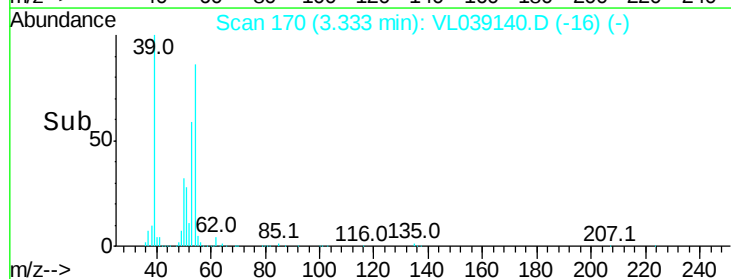
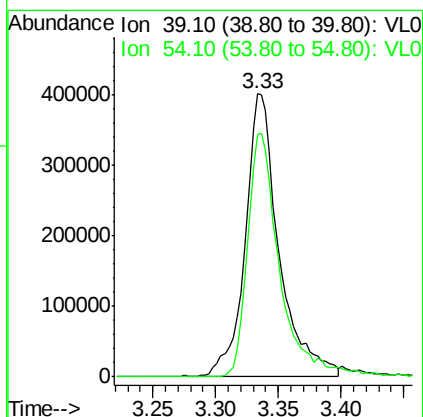
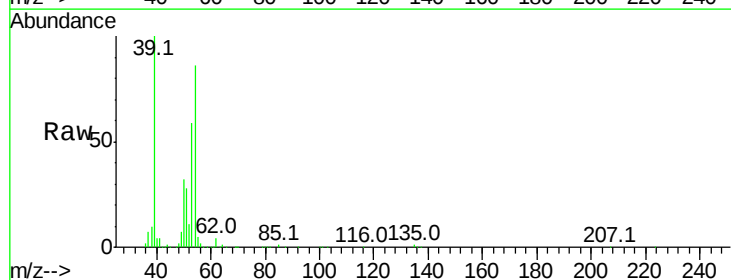
#15
Acetone
Concen: 8.97 ppbv
RT: 3.85
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 31 May 2022 21:53

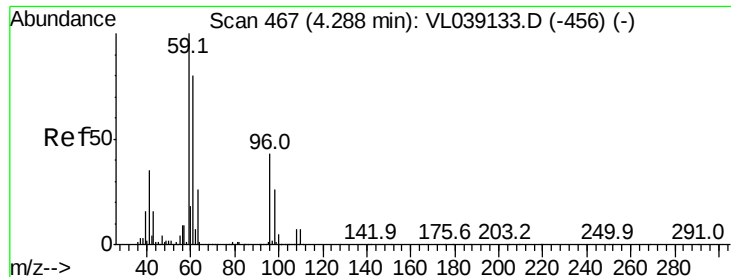
Tgt Ion: 43 Resp: 1304222
Ion Ratio Lower Upper
43 100
58 29.4 22.5 33.7



#16
1,3-Butadiene
Concen: 9.69 ppbv
RT: 3.33 min Scan# 170
Delta R.T. -0.00 min
Lab File: VL039140.D
Acq: 31 May 2022 21:53

Tgt Ion: 39 Resp: 757061
Ion Ratio Lower Upper
39 100
54 82.7 65.8 98.6





#17

tert-Butyl alcohol

Concen: 10.69 ppbv

RT: 4.29 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

ICVVL053122

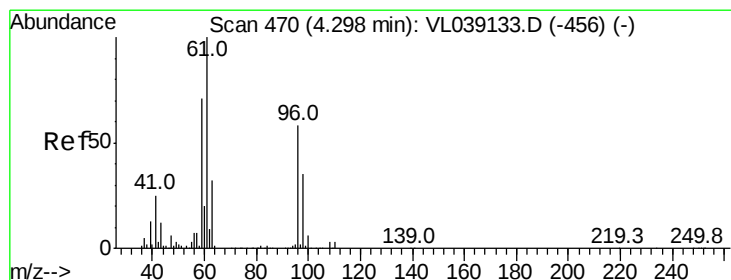
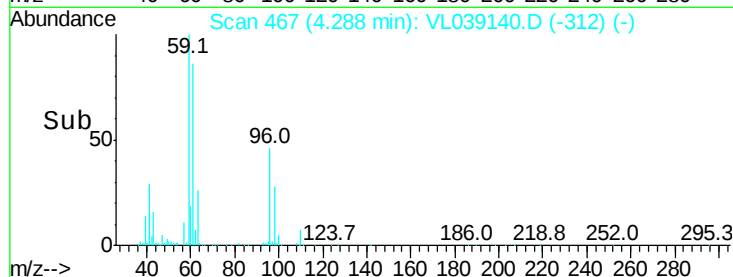
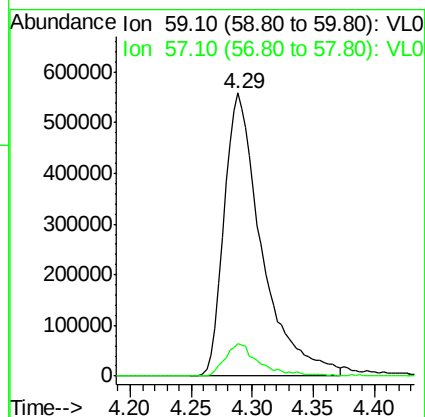
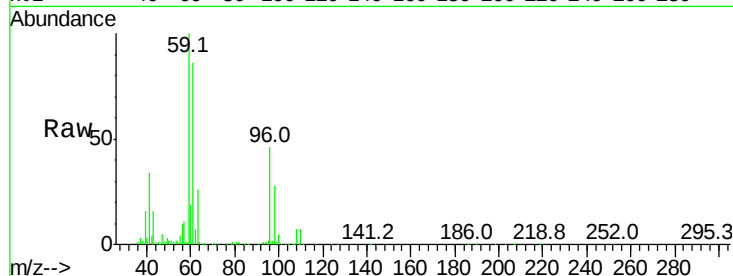
Acq: 31 May 2022 21:53

Tgt Ion: 59 Resp: 1205648

Ion Ratio Lower Upper

59 100

57 10.7 9.1 13.7



#18

1,1-Dichloroethene

Concen: 9.44 ppbv

RT: 4.29 min Scan# 469

Delta R.T. -0.00 min

Lab File: VL039140.D

Acq: 31 May 2022 21:53

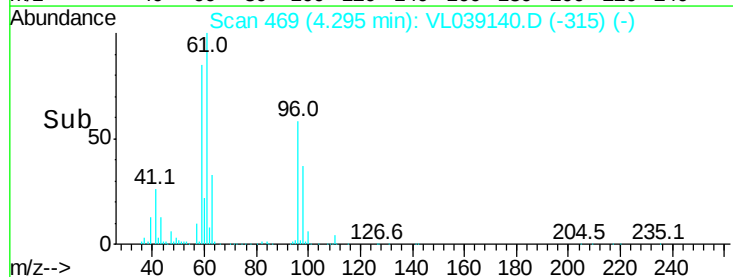
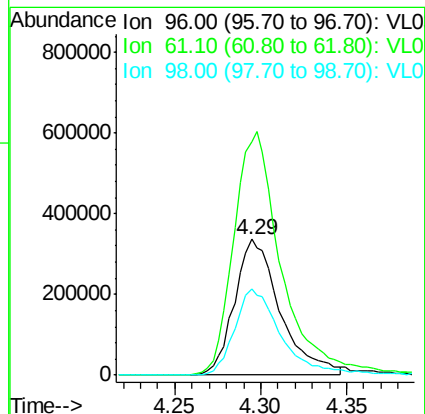
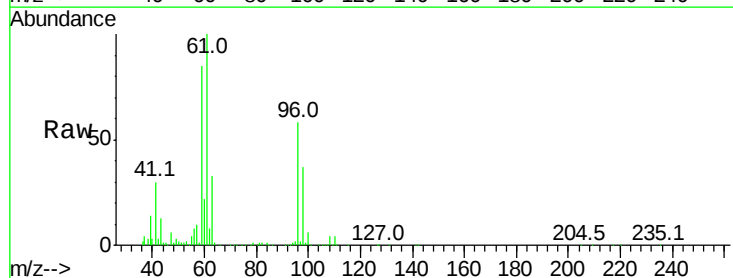
Tgt Ion: 96 Resp: 621043

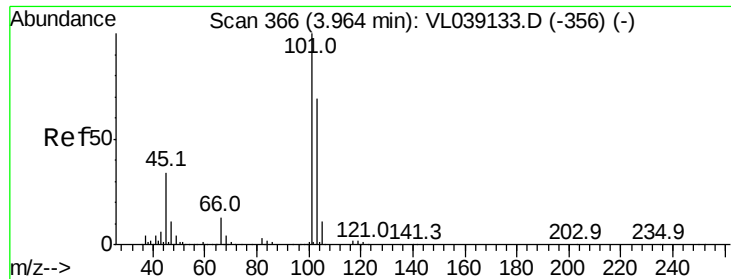
Ion Ratio Lower Upper

96 100

61 172.0 138.4 207.6

98 63.7 47.8 71.8





#19

Isopropyl Alcohol

Concen: 10.73 ppbv

RT: 3.97 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

ICVVL053122

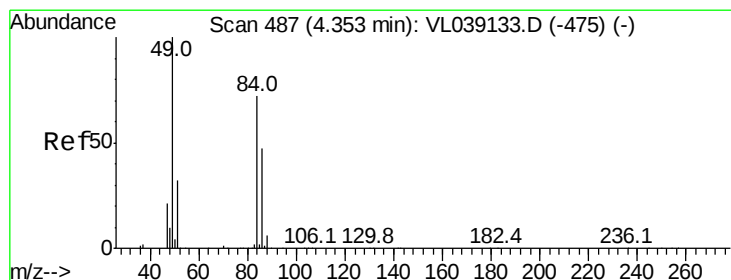
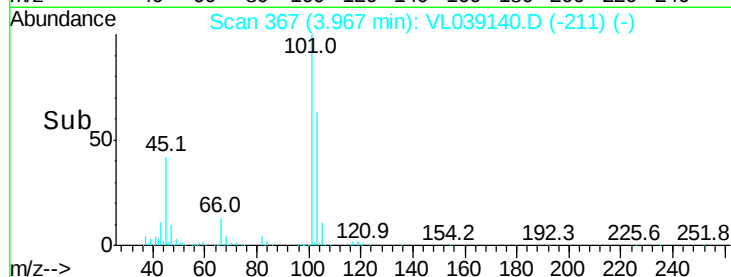
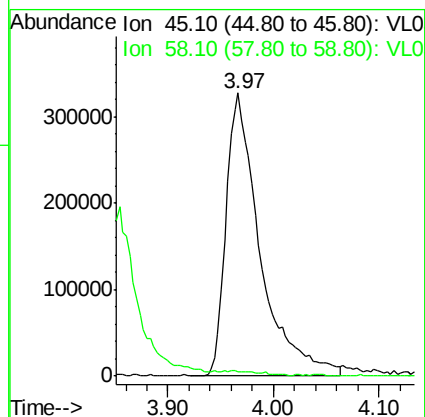
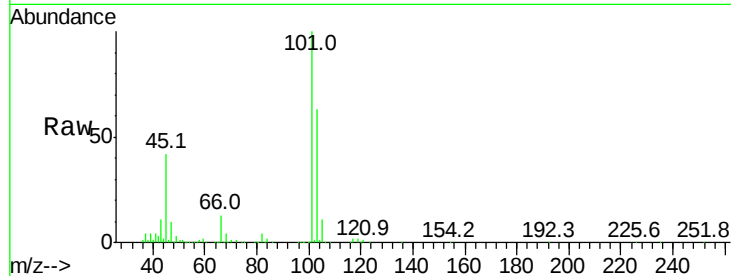
Acq: 31 May 2022 21:55

Tgt Ion: 45 Resp: 731758

Ion Ratio Lower Upper

45 100

58 1.6 1.8 2.8#



#20

Methylene Chloride

Concen: 8.07 ppbv

RT: 4.35 min Scan# 487

Delta R.T. -0.00 min

Lab File: VL039140.D

Acq: 31 May 2022 21:53

Tgt Ion: 84 Resp: 494037

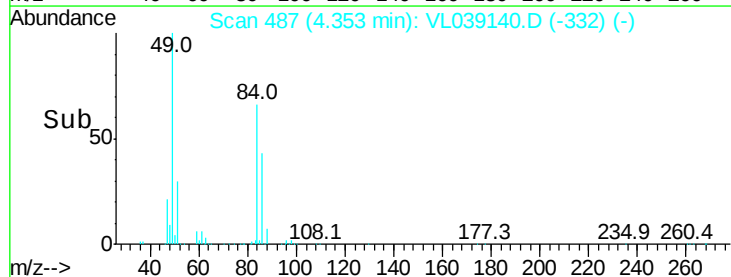
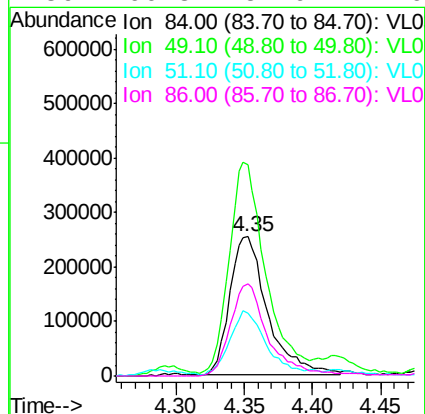
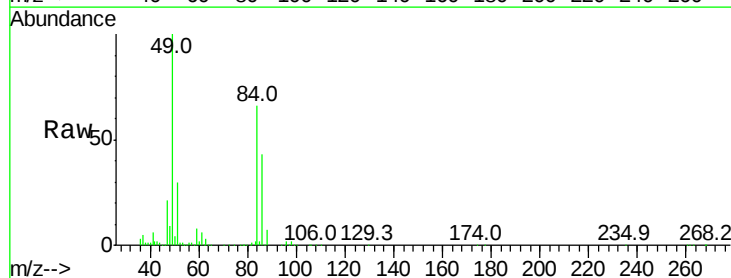
Ion Ratio Lower Upper

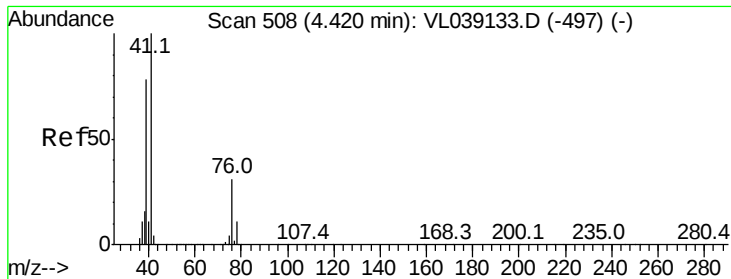
84 100

49 150.2 111.1 166.7

51 44.1 35.3 52.9

86 66.3 51.9 77.9





#21

Allyl Chloride

Concen: 9.50 ppbv

RT: 4.42

Instrument: MSVOA_1

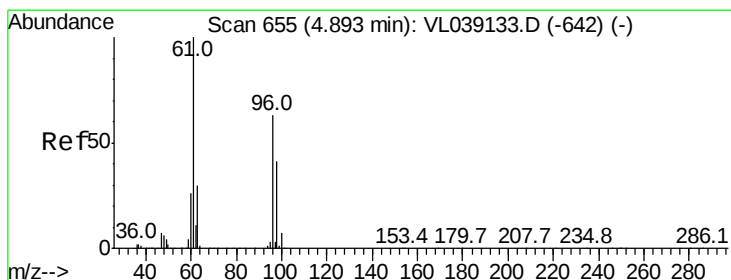
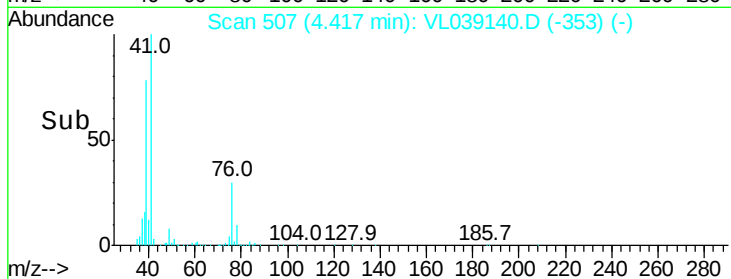
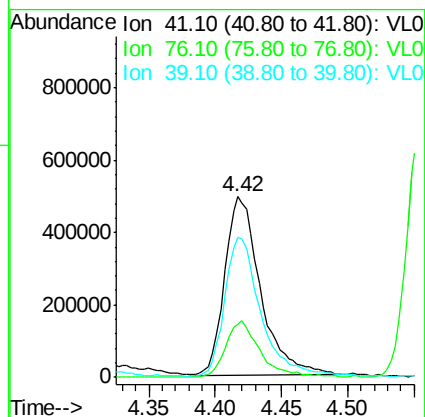
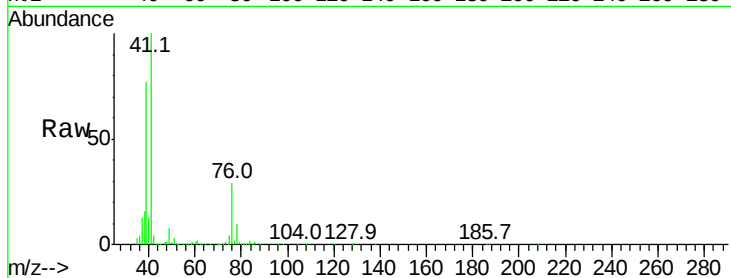
Delta R.T.:

Client Sample Id:

Lab File: ICVVL053122

Acq: 31 May 2022 21:53

Tgt Ion	Ratio	Lower	Upper
41	100		
76	30.8	24.2	36.2
39	78.8	62.2	93.2



#22

trans-1,2-Dichloroethene

Concen: 9.44 ppbv

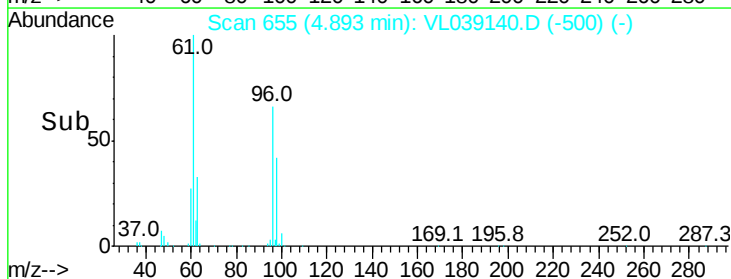
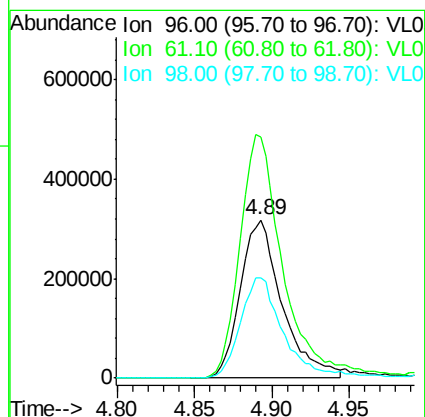
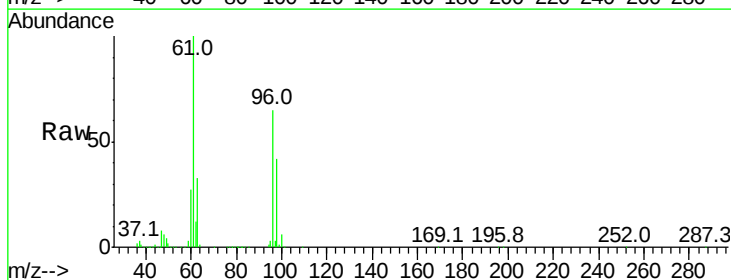
RT: 4.89 min Scan# 655

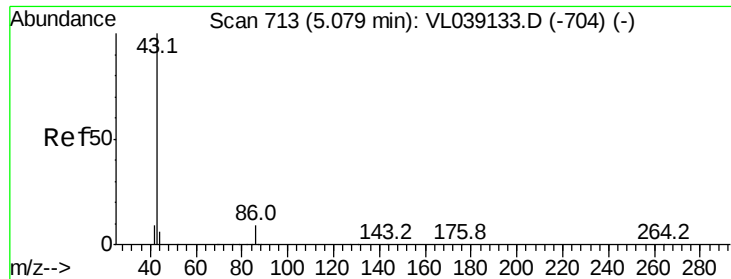
Delta R.T. -0.00 min

Lab File: VL039140.D

Acq: 31 May 2022 21:53

Tgt Ion	Ratio	Lower	Upper
96	100		
61	152.9	126.6	190.0
98	63.8	52.5	78.7





#23

Vinyl Acetate

Concen: 11.07 ppbv

RT: 5.08 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

ICVVL053122

Acq: 31 May 2022 21:53

Tgt Ion: 43 Resp: 1331642

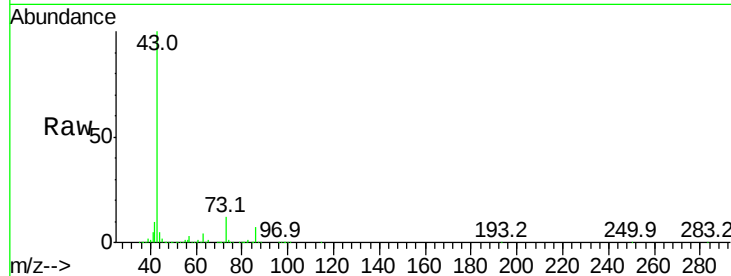
Ion Ratio Lower Upper

43 100

86 7.4 6.0 9.0

42 9.8 8.2 12.4

44 4.7 4.3 6.5

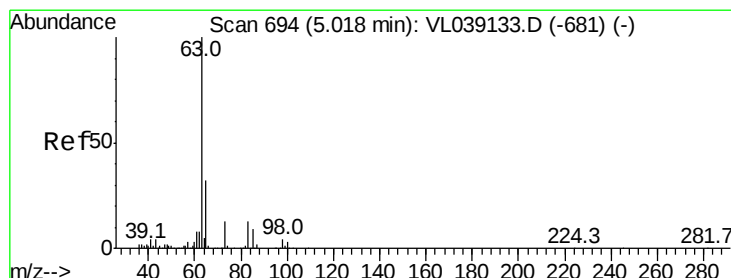
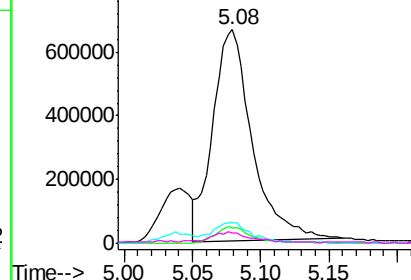
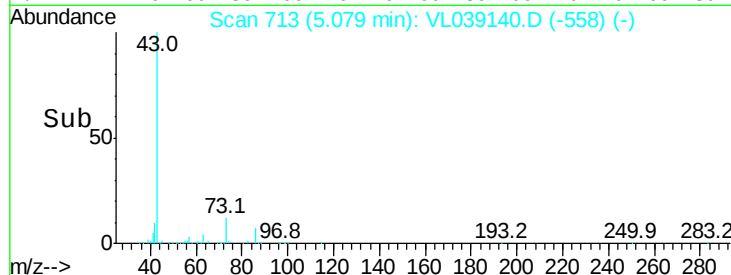


Abundance Ion 43.10 (42.80 to 43.80): VL0

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: 9.08 ppbv

RT: 5.02 min Scan# 694

Delta R.T. -0.00 min

Lab File: VL039140.D

Acq: 31 May 2022 21:53

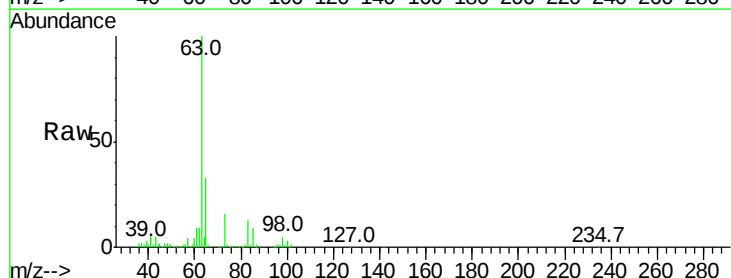
Tgt Ion: 63 Resp: 1496917

Ion Ratio Lower Upper

63 100

98 5.2 2.1 6.2

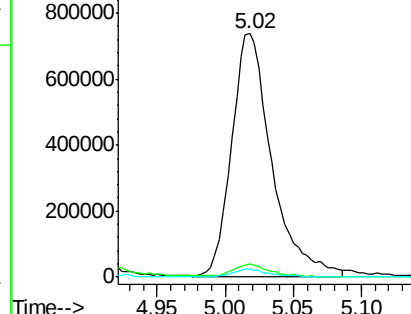
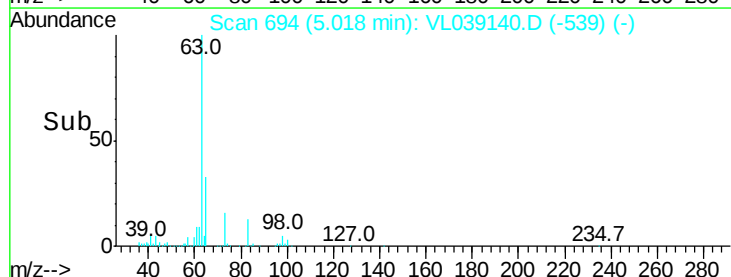
100 3.2 1.5 4.5

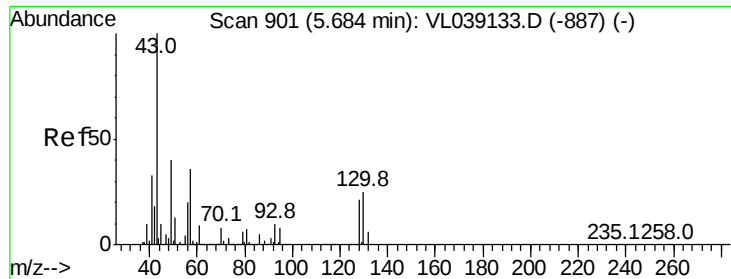


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

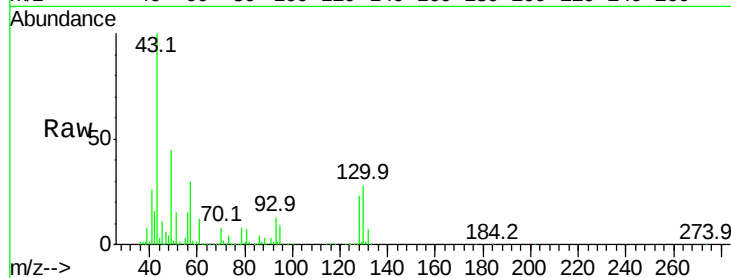
Ion 100.00 (99.70 to 100.70): VL0



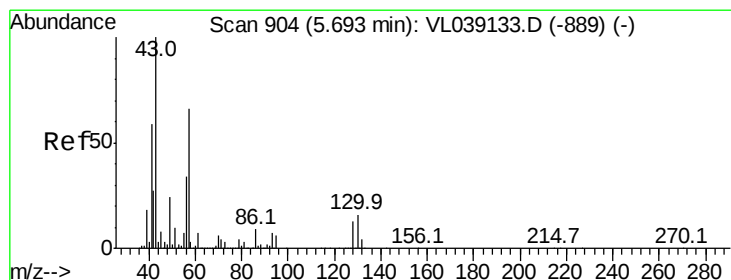
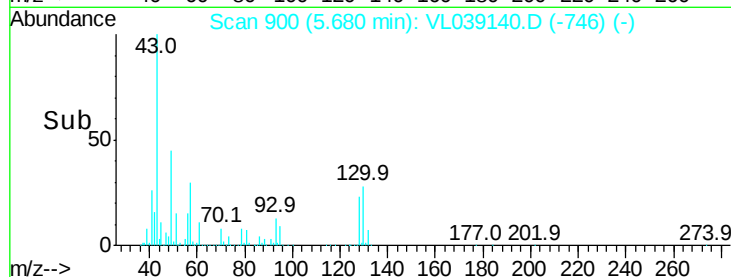
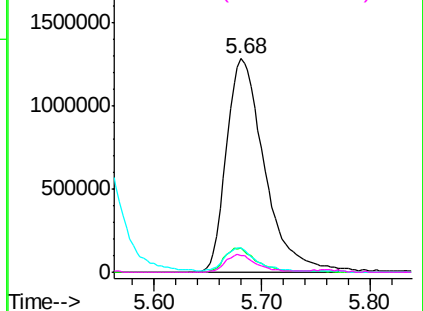


#25
Ethyl Acetate
Concen: 9.55 ppbv
RT: 5.68
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 31 May 2022 21:53

Tgt Ion:	43	Resp:	3130131
Ion	Ratio	Lower	Upper
43	100		
45	10.1	8.2	12.2
61	10.1	8.4	12.6
70	7.0	5.6	8.4

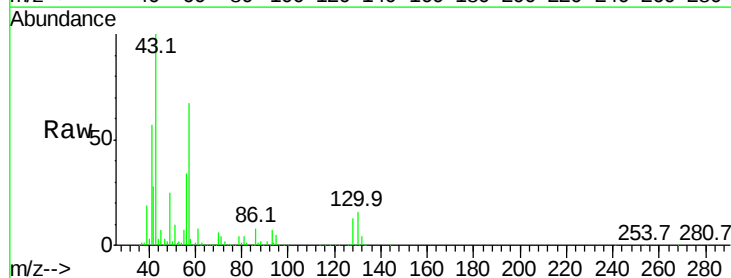


Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 45.10 (44.80 to 45.80): VL0
Ion 61.10 (60.80 to 61.80): VL0
Ion 70.10 (69.80 to 70.80): VL0

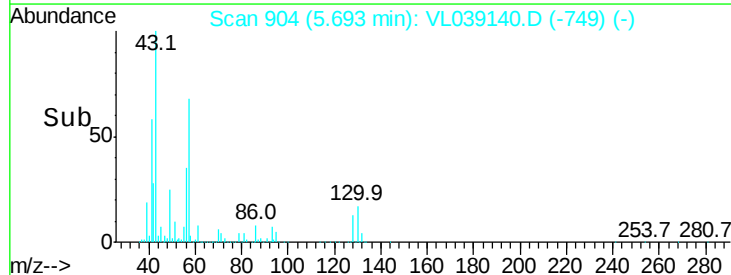
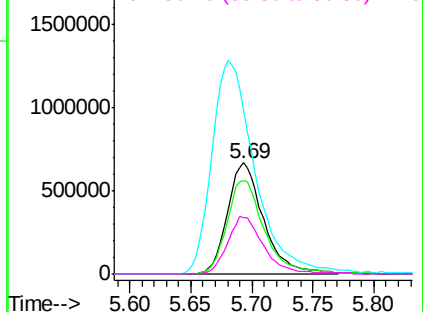


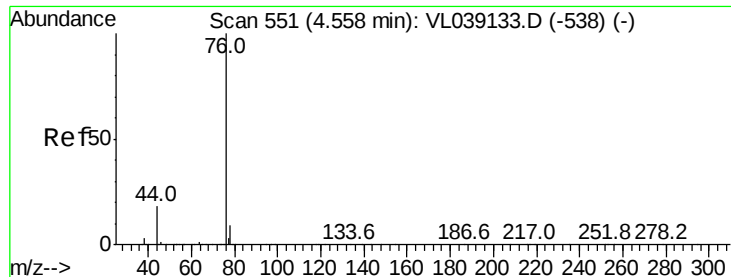
#26
Hexane
Concen: 9.56 ppbv
RT: 5.69 min Scan# 904
Delta R.T.: -0.00 min
Lab File: VL039140.D
Acq: 31 May 2022 21:53

Tgt Ion:	57	Resp:	1376729
Ion	Ratio	Lower	Upper
57	100		
41	88.3	72.4	108.6
43	231.3	187.0	280.6
56	52.3	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: 9.52 ppbv

RT: 4.56 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 31 May 2022 21:53

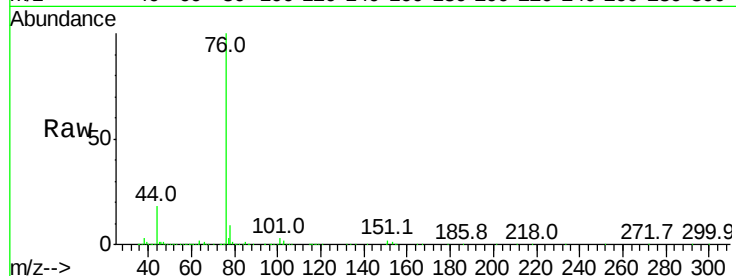
Tgt Ion: 76 Resp: 1420856

Ion Ratio Lower Upper

76 100

44 19.1 14.4 21.6

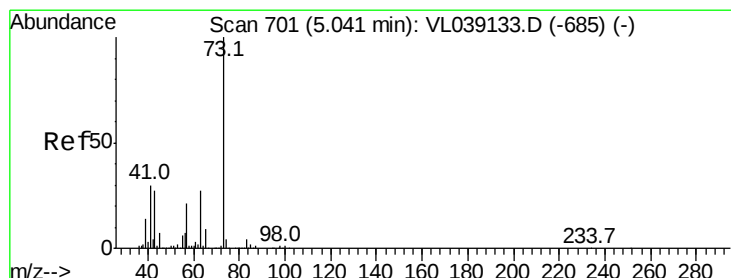
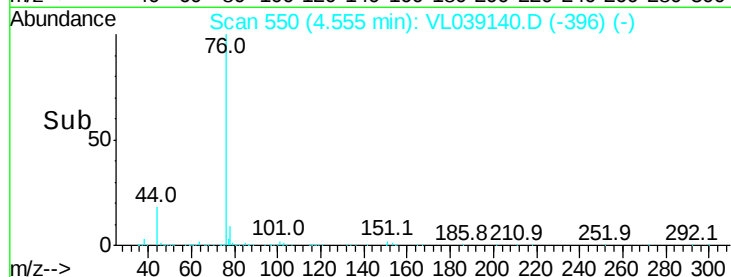
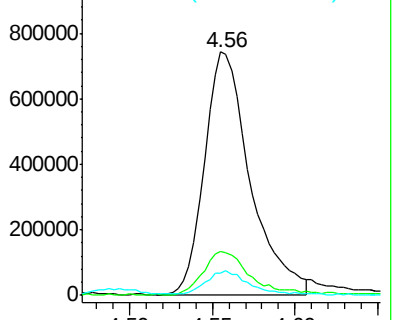
78 10.2 7.7 11.5



Abundance Ion 76.00 (75.70 to 76.70): VL0

Ion 44.10 (43.80 to 44.80): VL0

Ion 78.00 (77.70 to 78.70): VL0



#28

Methyl tert-Butyl Ether

Concen: 9.61 ppbv

RT: 5.04 min Scan# 701

Delta R.T. -0.00 min

Lab File: VL039140.D

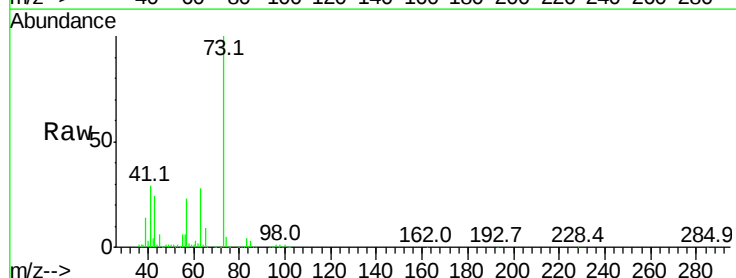
Acq: 31 May 2022 21:53

Tgt Ion: 73 Resp: 1527336

Ion Ratio Lower Upper

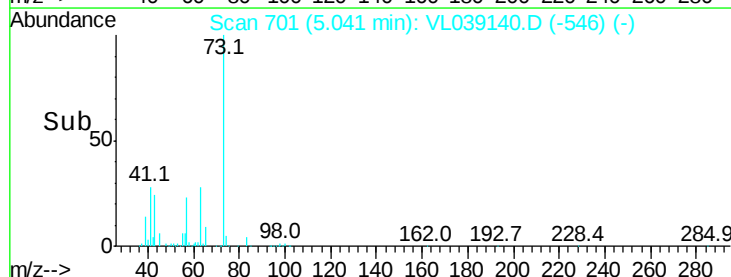
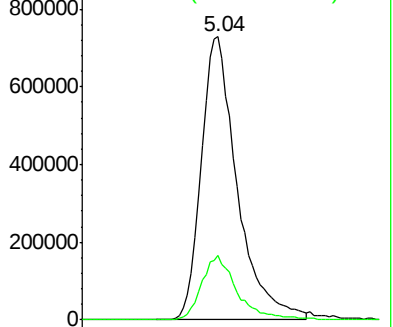
73 100

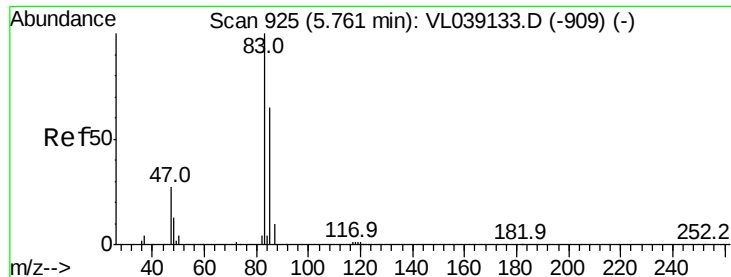
57 22.7 18.6 27.8



Abundance Ion 73.10 (72.80 to 73.80): VL0

Ion 57.10 (56.80 to 57.80): VL0





#29

Chloroform

Concen: 9.36 ppbv

RT: 5.76 Instrument: MSVOA_1

Delta R.T. -0.00 min

Lab File: ClientSampleId: ICVVL053122

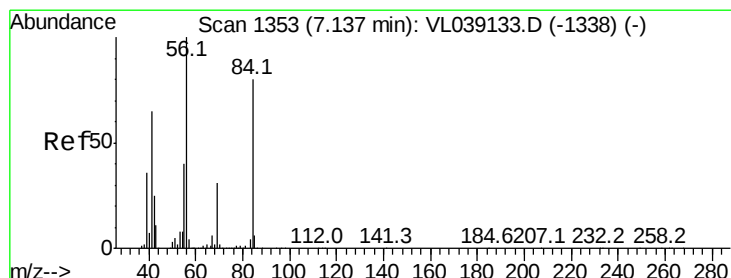
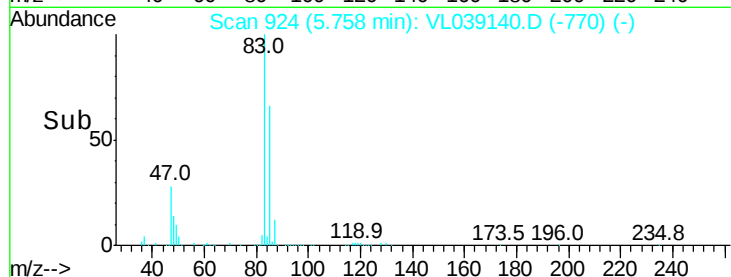
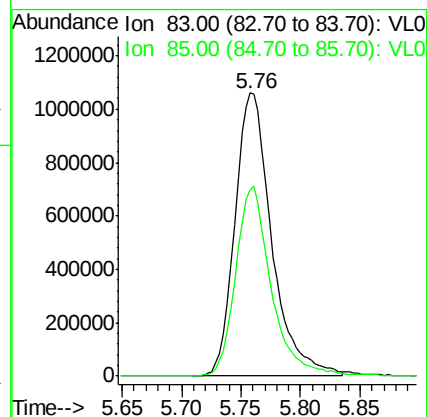
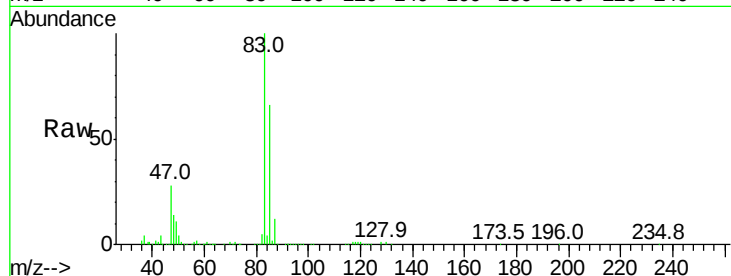
Acq: 31 May 2022 21:53

Tgt Ion: 83 Resp: 2268470

Ion Ratio Lower Upper

83 100

85 65.4 52.4 78.6



#30

Cyclohexane

Concen: 9.45 ppbv

RT: 7.13 min Scan# 1352

Delta R.T. -0.00 min

Lab File: VL039140.D

Acq: 31 May 2022 21:53

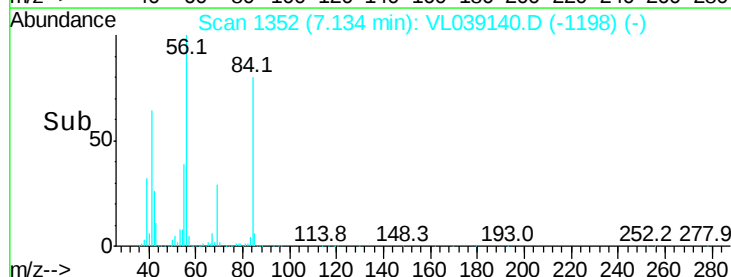
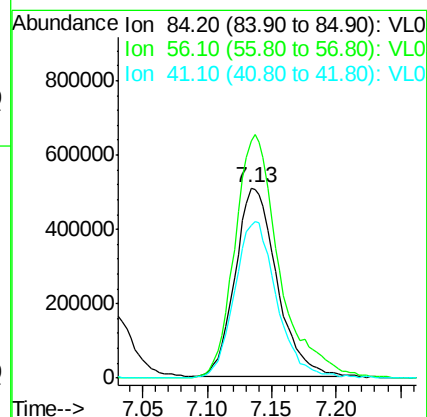
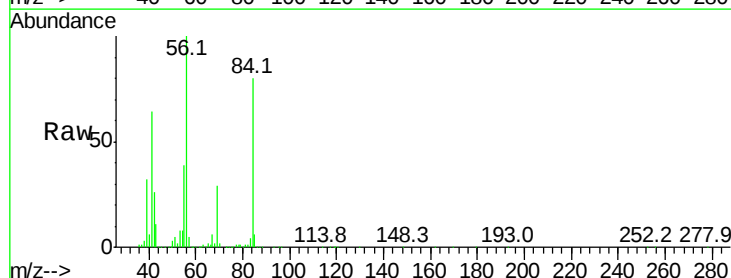
Tgt Ion: 84 Resp: 1143168

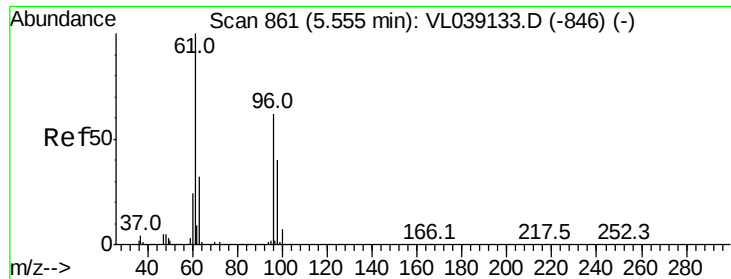
Ion Ratio Lower Upper

84 100

56 138.1 110.6 165.8

41 84.2 68.9 103.3





#31

cis-1,2-Dichloroethene

Concen: 9.82 ppbv

RT: 5.56 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: ICVVL053122

Acq: 31 May 2022 21:55

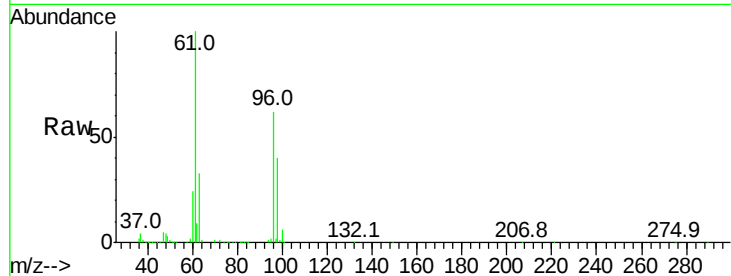
Tgt Ion: 61 Resp: 1442035

Ion Ratio Lower Upper

61 100

96 61.5 49.9 74.9

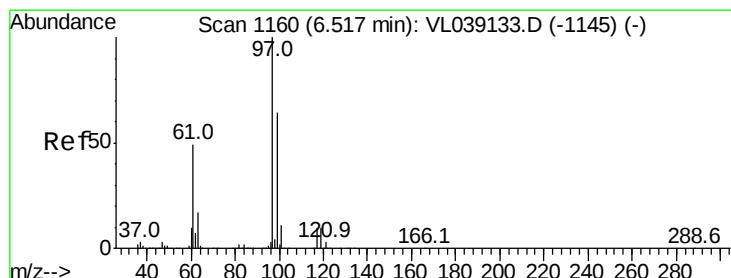
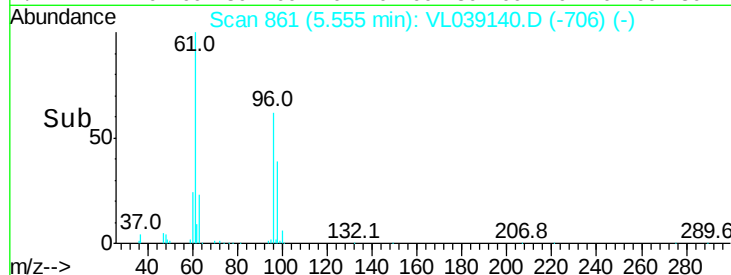
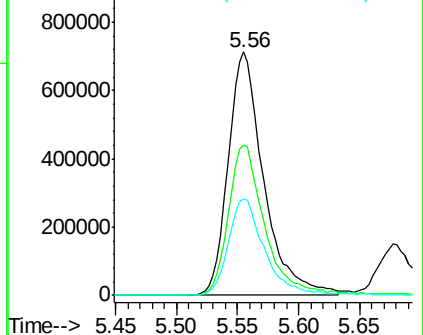
98 39.6 32.0 48.0



Abundance Ion 61.10 (60.80 to 61.80): VL0

Ion 96.00 (95.70 to 96.70): VL0

Ion 98.00 (97.70 to 98.70): VL0



#32

1,1,1-Trichloroethane

Concen: 9.73 ppbv

RT: 6.52 min Scan# 1160

Delta R.T. -0.00 min

Lab File: VL039140.D

Acq: 31 May 2022 21:53

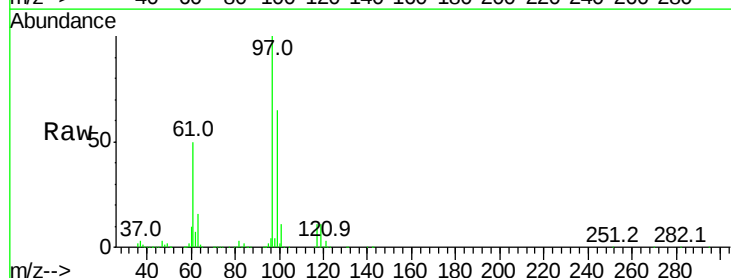
Tgt Ion: 97 Resp: 2306423

Ion Ratio Lower Upper

97 100

99 65.3 52.1 78.1

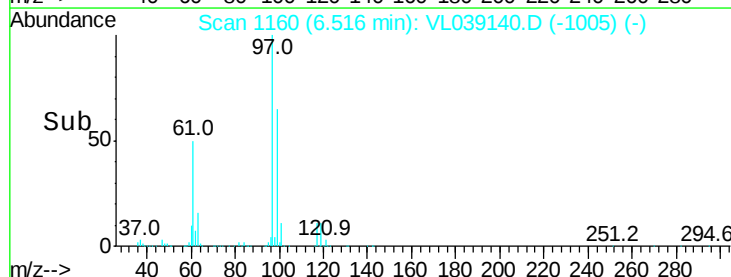
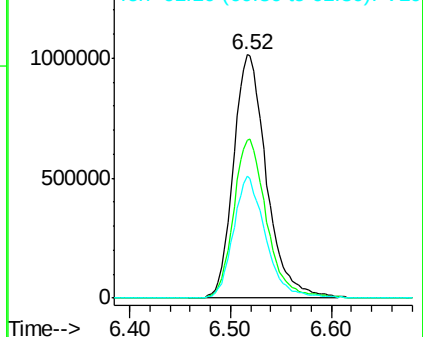
61 49.1 40.0 60.0

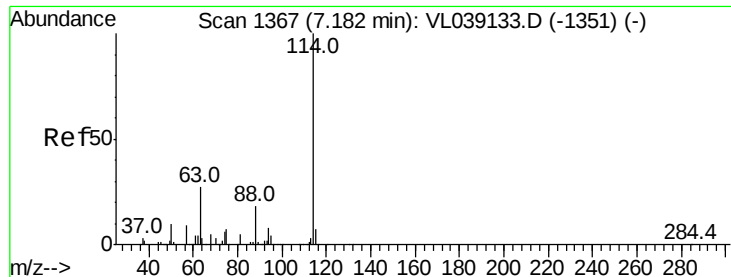


Abundance Ion 97.00 (96.70 to 97.70): VL0

Ion 99.00 (98.70 to 99.70): VL0

Ion 61.10 (60.80 to 61.80): VL0

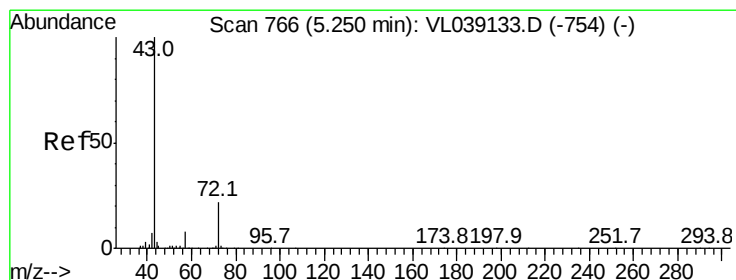
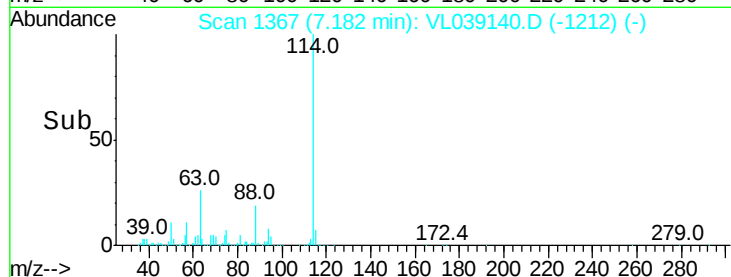
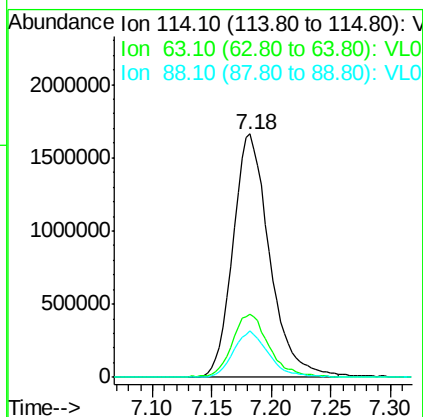
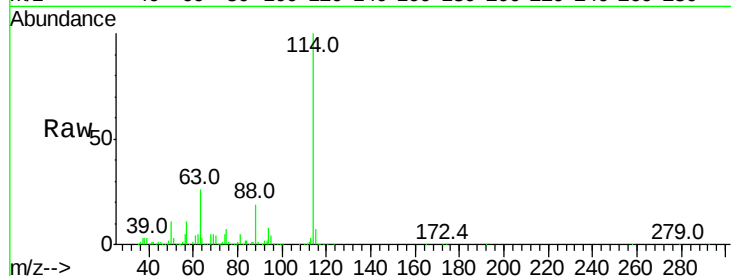




#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 7.18
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 ICVVL053122
 Acq: 31 May 2022 21:53

Tgt Ion: 114 Resp: 3551857

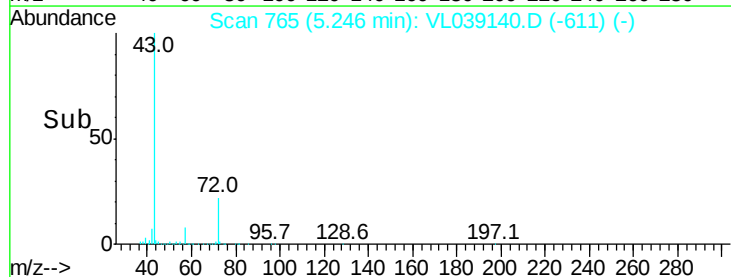
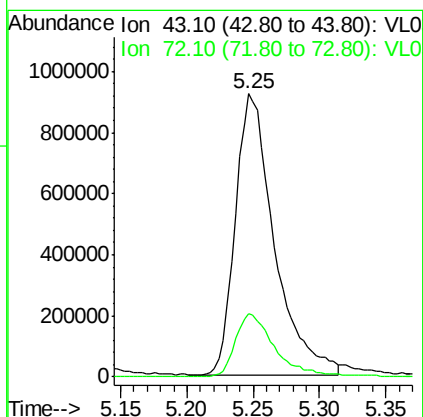
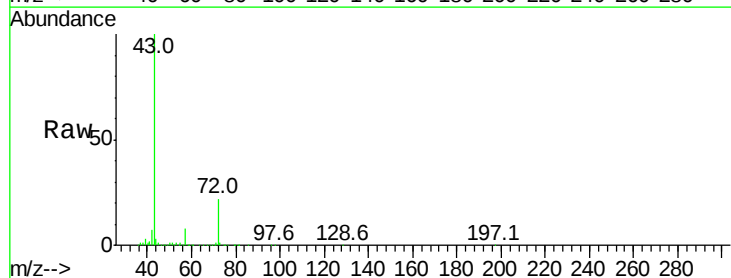
Ion	Ratio	Lower	Upper
114	100		
63	26.5	21.7	32.5
88	18.6	14.8	22.2

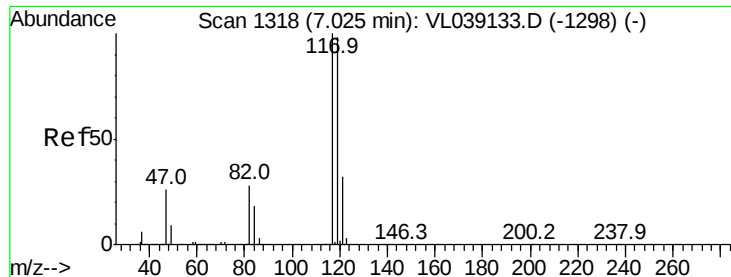


#34
 2-Butanone
 Concen: 9.78 ppbv
 RT: 5.25 min Scan# 765
 Delta R.T. -0.00 min
 Lab File: VL039140.D
 Acq: 31 May 2022 21:53

Tgt Ion: 43 Resp: 1886472

Ion	Ratio	Lower	Upper
43	100		
72	23.5	18.2	27.2





#35

Carbon Tetrachloride

Concen: 9.48 ppbv

RT: 7.02

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 31 May 2022 21:53

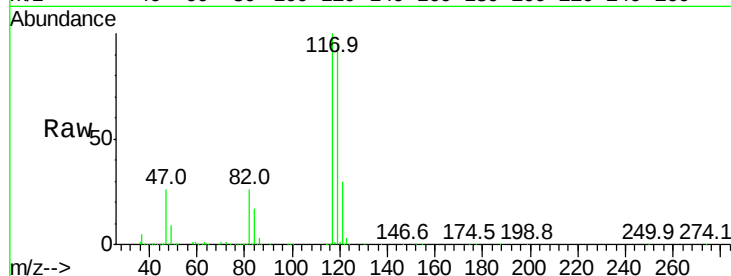
Tgt Ion:117 Resp: 2457678

Ion Ratio Lower Upper

117 100

119 94.8 78.6 118.0

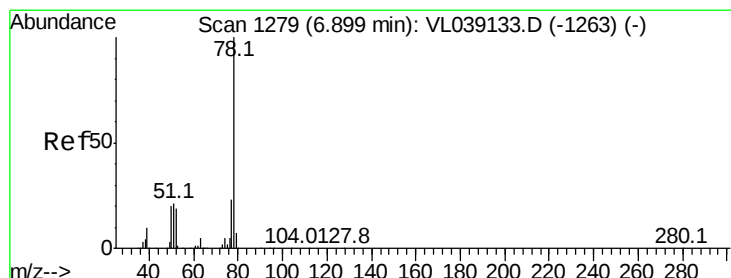
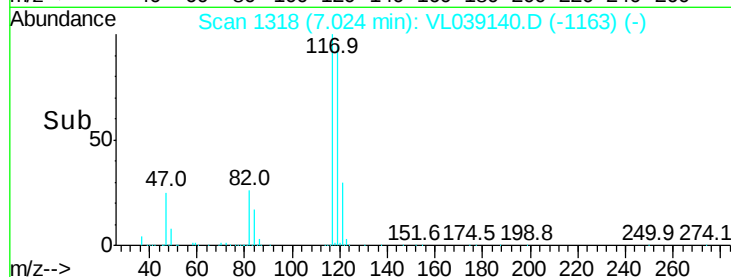
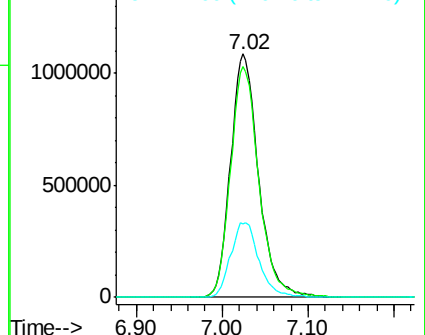
121 30.4 25.4 38.0



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: 9.53 ppbv

RT: 6.90 min Scan# 1278

Delta R.T. -0.00 min

Lab File: VL039140.D

Acq: 31 May 2022 21:53

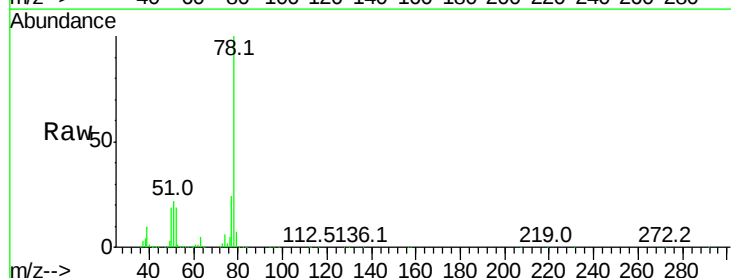
Tgt Ion: 78 Resp: 2747330

Ion Ratio Lower Upper

78 100

77 23.5 18.6 27.8

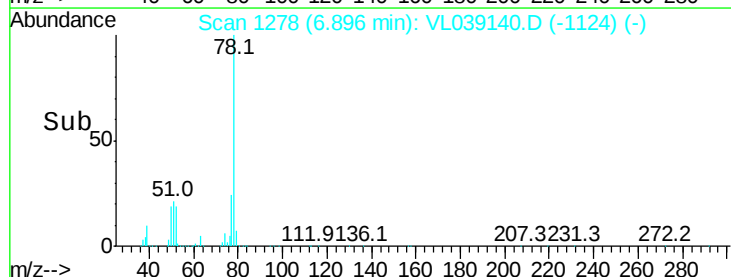
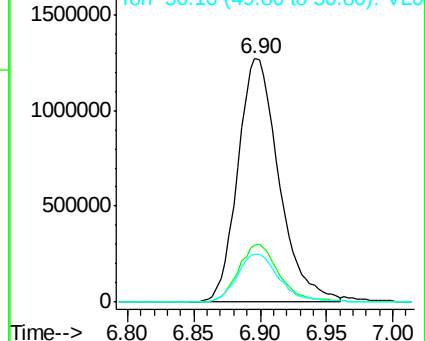
50 19.5 15.8 23.8

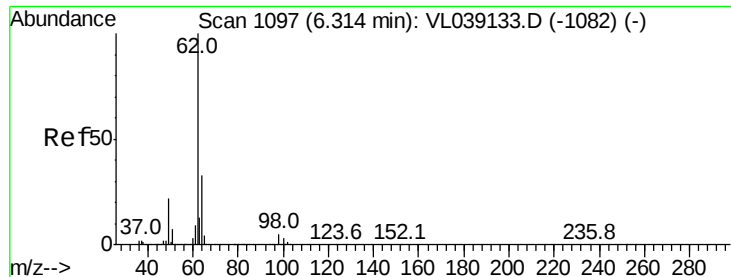


Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

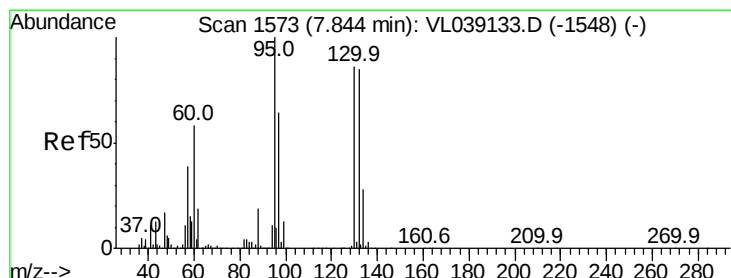
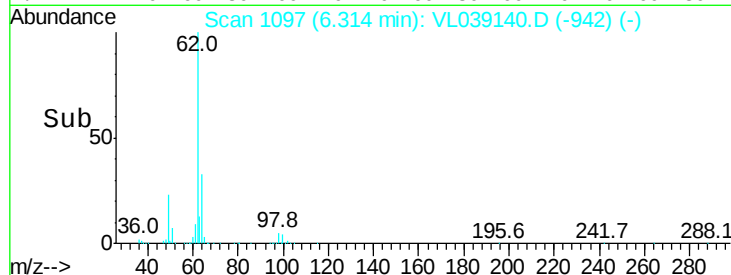
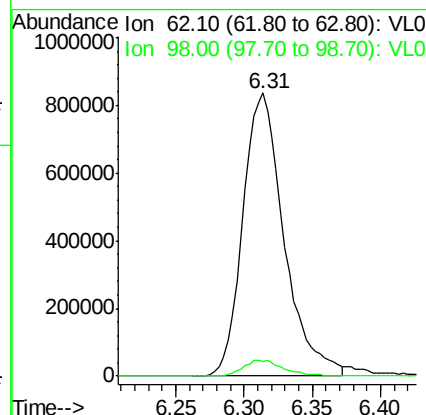
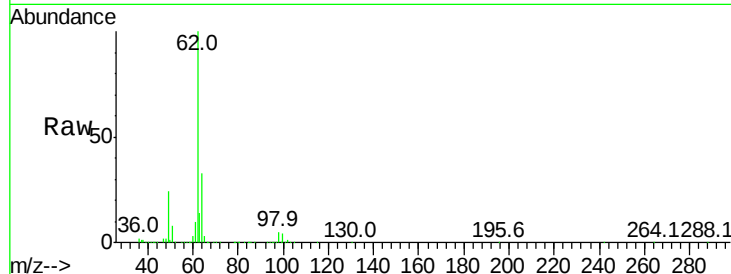
Ion 50.10 (49.80 to 50.80): VL0





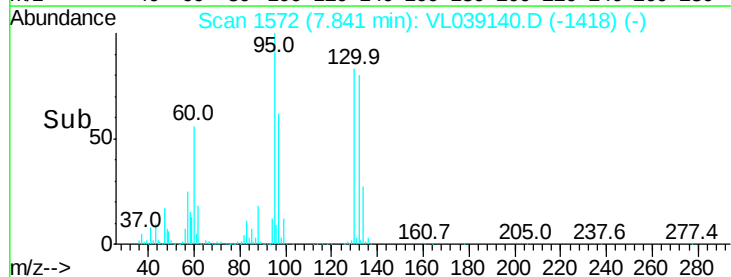
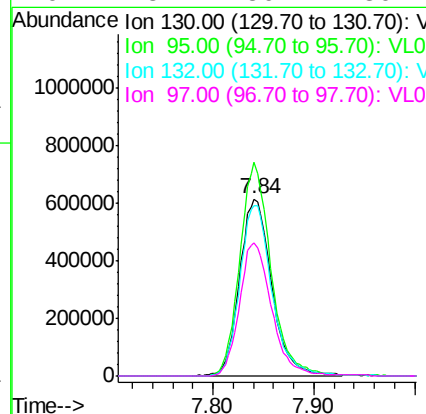
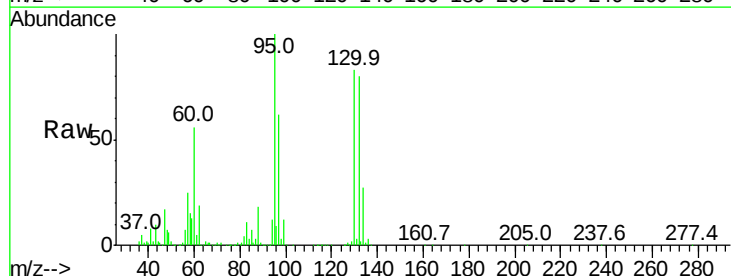
#37
 1,2-Dichloroethane
 Concen: 9.24 ppbv
 RT: 6.31
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 ICVVL053122
 Acq: 31 May 2022 21:53

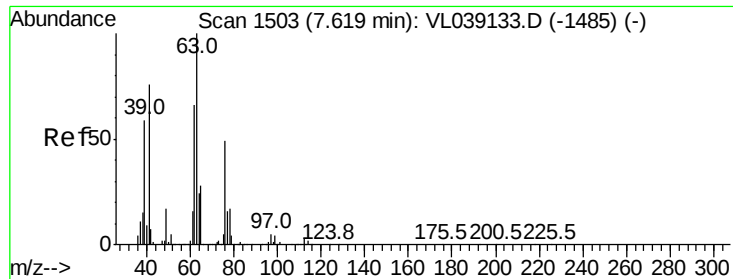
Tgt Ion: 62 Resp: 1753547
 Ion Ratio Lower Upper
 62 100
 98 5.6 4.3 6.5



#38
 Trichloroethene
 Concen: 10.17 ppbv
 RT: 7.84 min Scan# 1572
 Delta R.T. -0.00 min
 Lab File: VL039140.D
 Acq: 31 May 2022 21:53

Tgt Ion: 130 Resp: 1346929
 Ion Ratio Lower Upper
 130 100
 95 120.9 93.3 139.9
 132 96.6 79.0 118.4
 97 75.2 59.4 89.2





#39

1,2-Dichloropropane

Concen: 9.50 ppbv

RT: 7.62

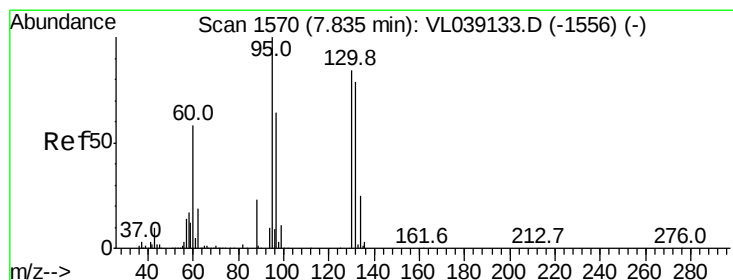
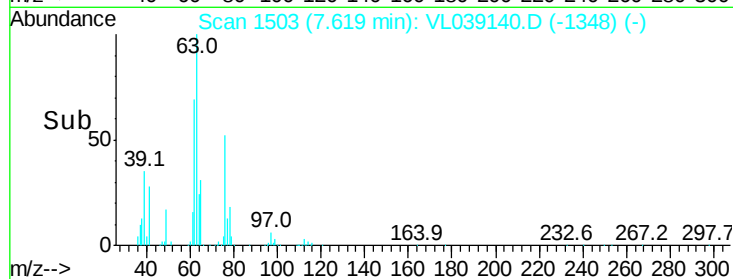
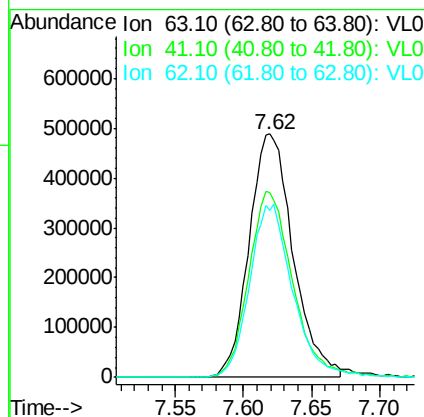
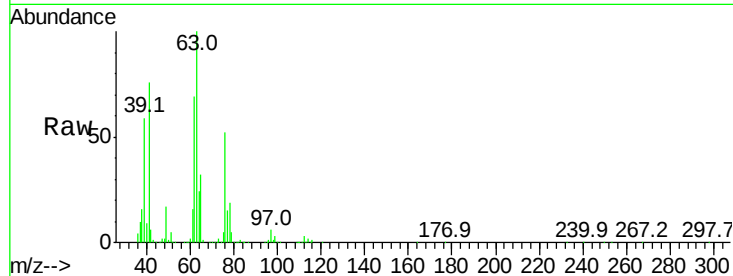
Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 31 May 2022 21:53

Tgt Ion: 63 Resp: 1089883

Ion	Ratio	Lower	Upper
63	100		
41	75.8	60.8	91.2
62	68.6	52.9	79.3



#40

1,4-Dioxane

Concen: 9.53 ppbv

RT: 7.83 min Scan# 1570

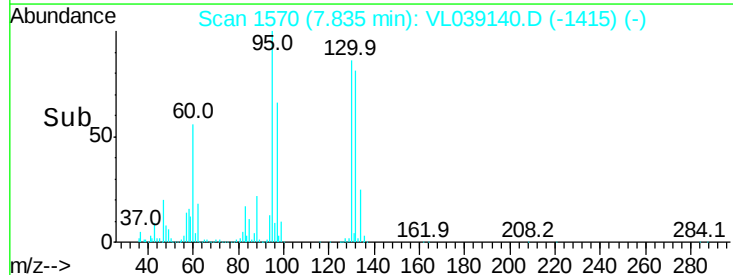
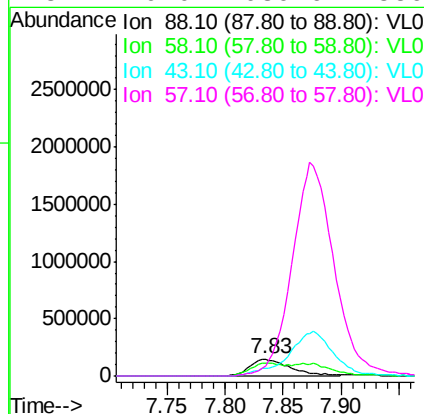
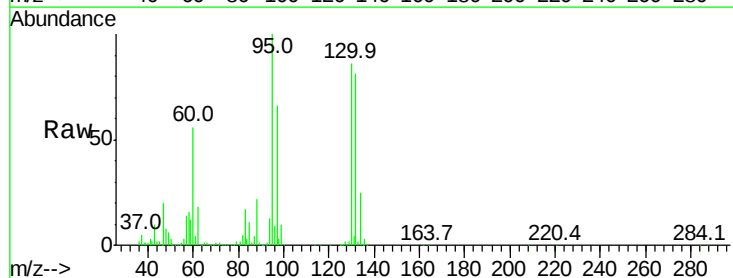
Delta R.T. -0.00 min

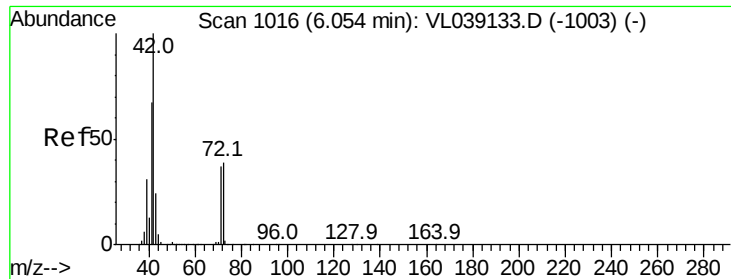
Lab File: VL039140.D

Acq: 31 May 2022 21:53

Tgt Ion: 88 Resp: 359820

Ion	Ratio	Lower	Upper
88	100		
58	138.7	111.2	166.8
43	0.0	234.2	351.4#
57	0.0	1039.9	1559.9#





#41

Tetrahydrofuran

Concen: 9.74 ppbv

RT: 6.06

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

ICVVL053122

Acq: 31 May 2022 21:53

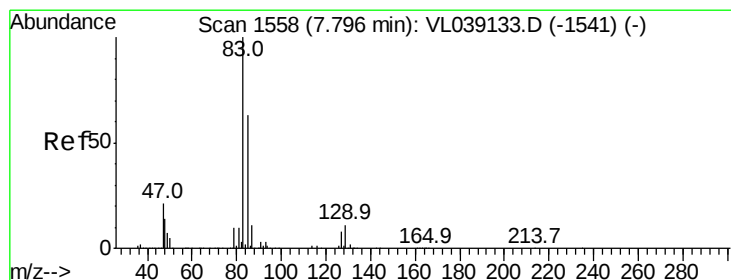
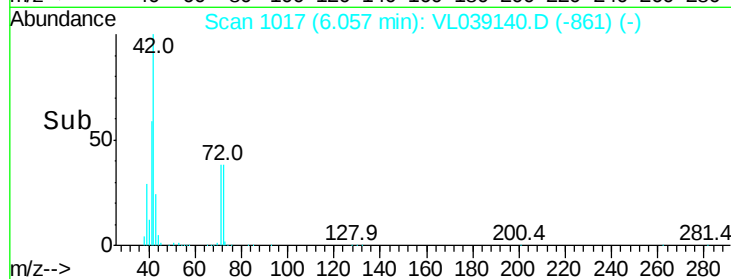
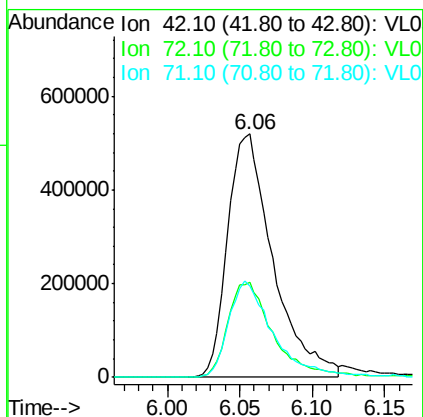
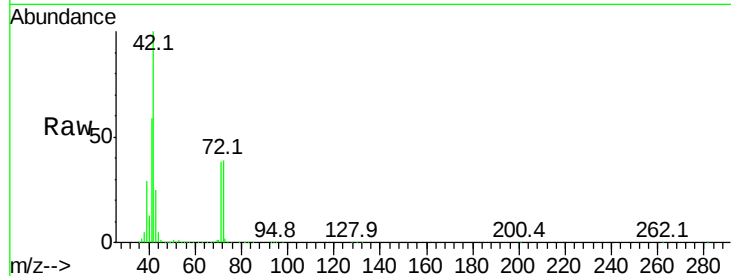
Tgt Ion: 42 Resp: 1129868

Ion Ratio Lower Upper

42 100

72 40.0 32.0 48.0

71 39.4 31.1 46.7



#42

Bromodichloromethane

Concen: 9.60 ppbv

RT: 7.80 min Scan# 1558

Delta R.T. -0.00 min

Lab File: VL039140.D

Acq: 31 May 2022 21:53

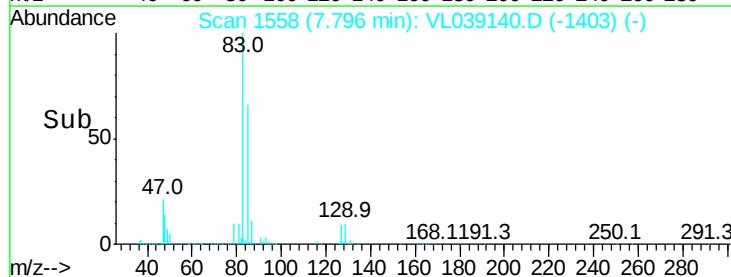
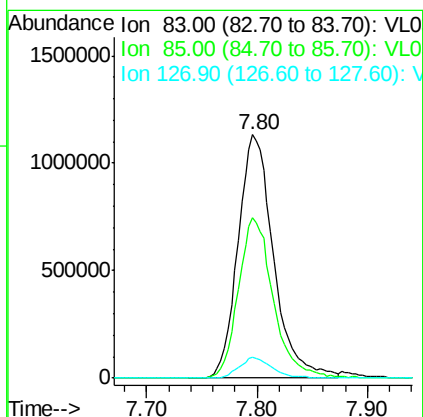
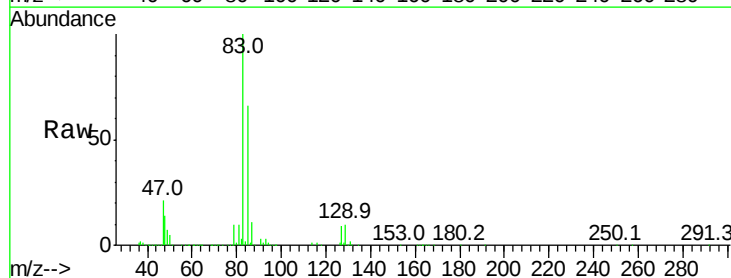
Tgt Ion: 83 Resp: 2529073

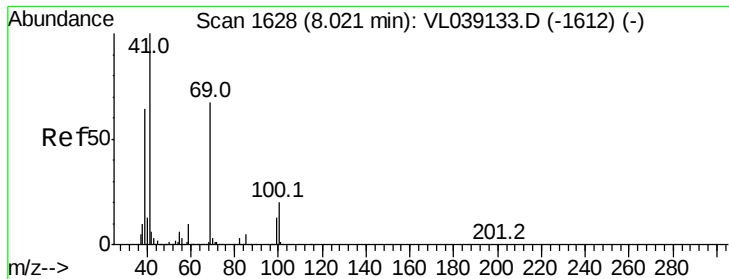
Ion Ratio Lower Upper

83 100

85 65.7 50.2 75.4

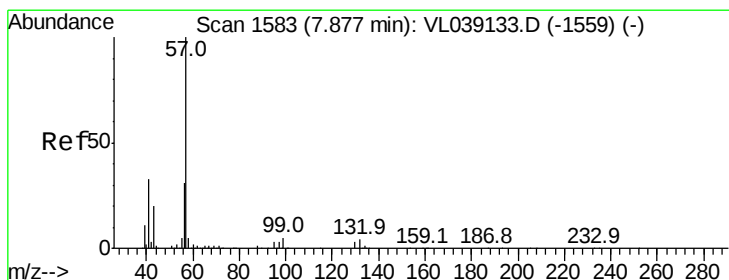
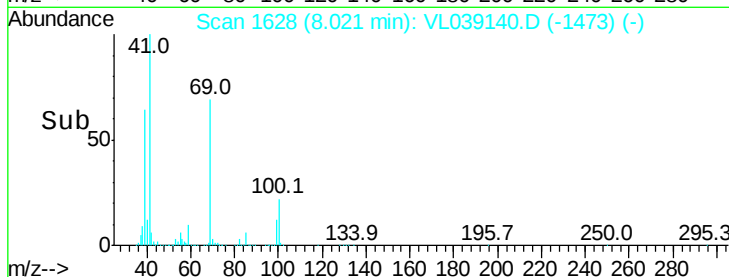
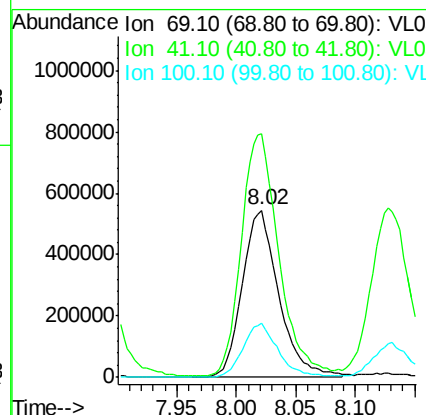
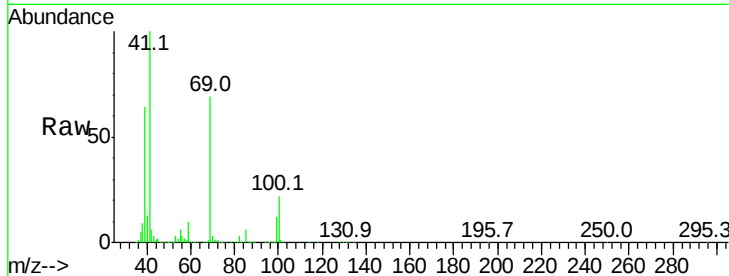
127 8.6 6.6 9.8





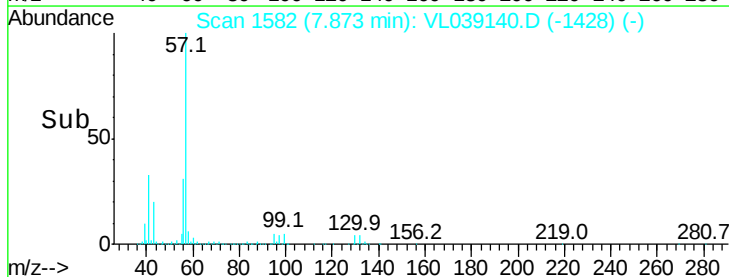
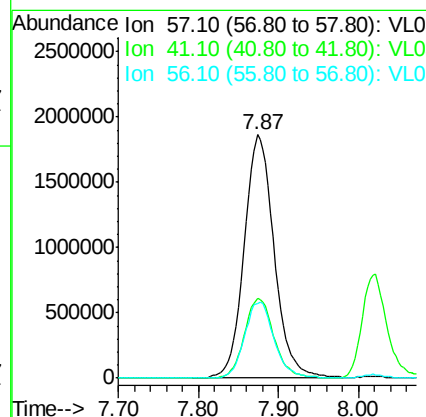
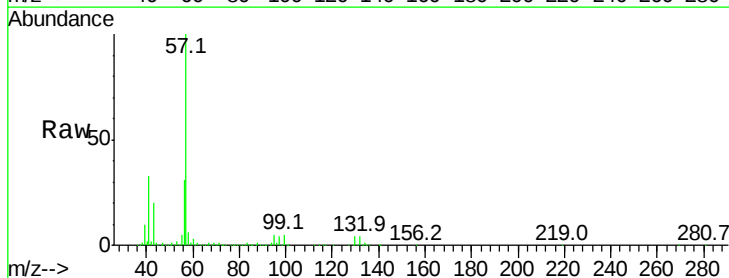
#43
Methyl Methacrylate
Concen: 10.30 ppbv
RT: 8.02
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampled:
ICVVL053122
Acq: 31 May 2022 21:55

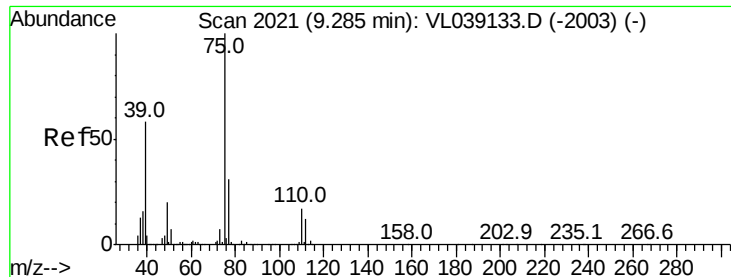
Tgt Ion: 69 Resp: 1157134
Ion Ratio Lower Upper
69 100
41 150.2 121.9 182.9
100 31.3 24.1 36.1



#44
2,2,4-Trimethylpentane
Concen: 9.35 ppbv
RT: 7.87 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VL039140.D
Acq: 31 May 2022 21:53

Tgt Ion: 57 Resp: 4714780
Ion Ratio Lower Upper
57 100
41 32.2 26.2 39.4
56 30.9 24.7 37.1





#45

t-1,3-Dichloropropene

Concen: 11.66 ppbv

RT: 9.28 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

ICVVL053122

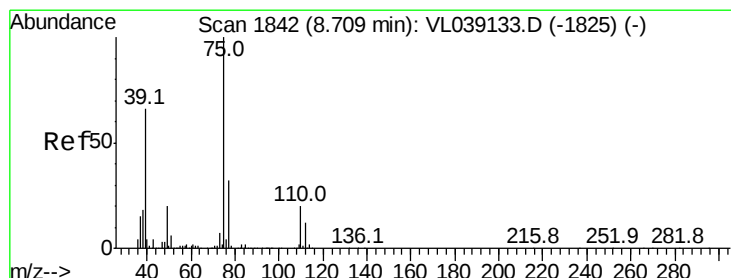
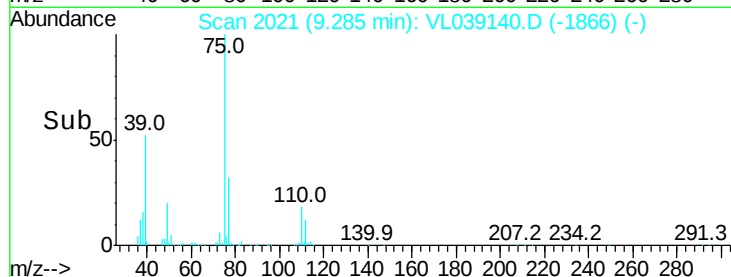
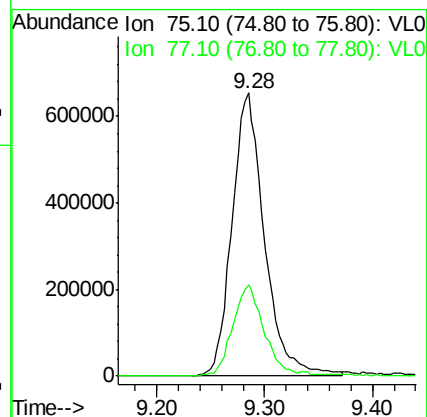
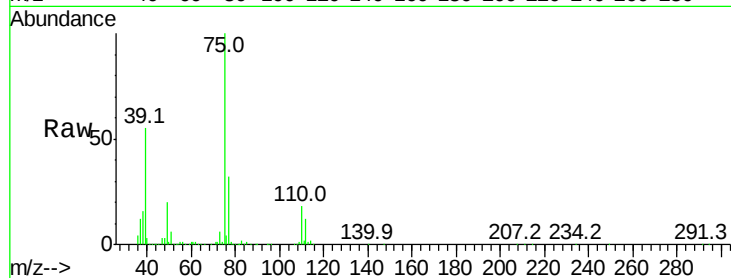
Acq: 31 May 2022 21:55

Tgt Ion: 75 Resp: 1364071

Ion Ratio Lower Upper

75 100

77 32.1 24.4 36.6



#46

cis-1,3-Dichloropropene

Concen: 10.72 ppbv

RT: 8.71 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VL039140.D

Acq: 31 May 2022 21:53

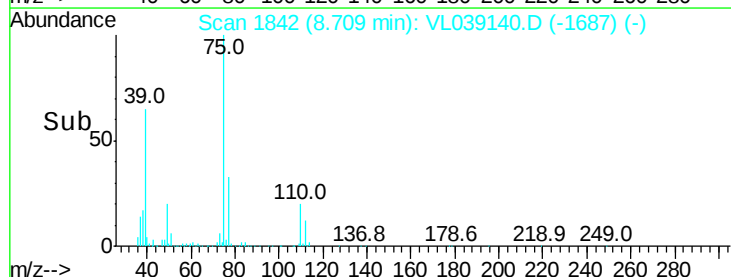
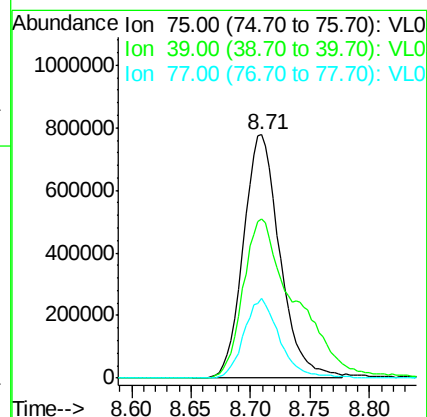
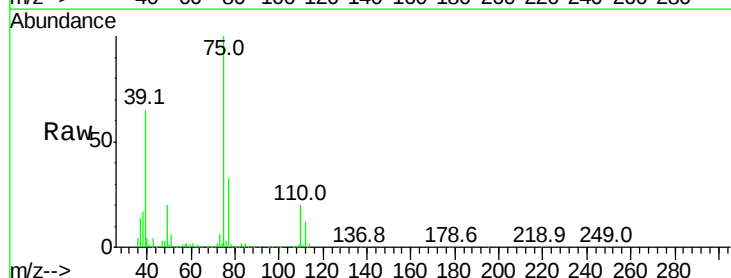
Tgt Ion: 75 Resp: 1657334

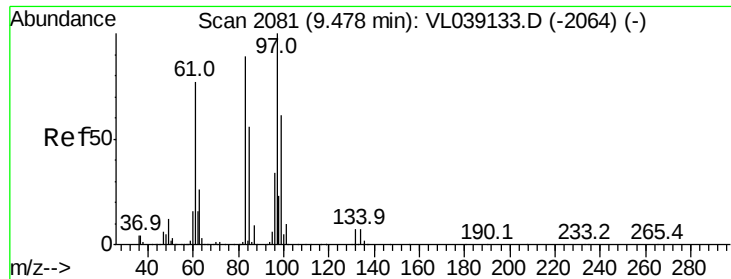
Ion Ratio Lower Upper

75 100

39 65.1 52.4 78.6

77 32.9 25.5 38.3

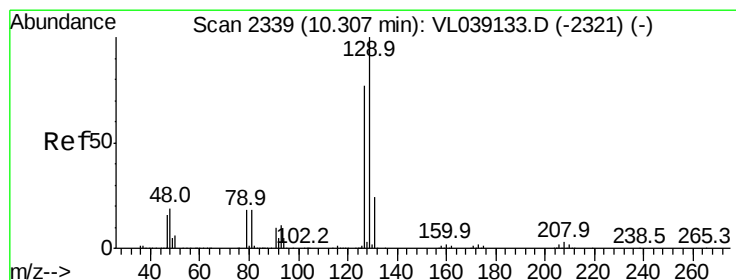
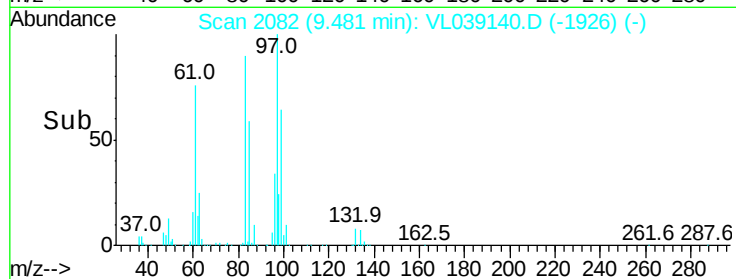
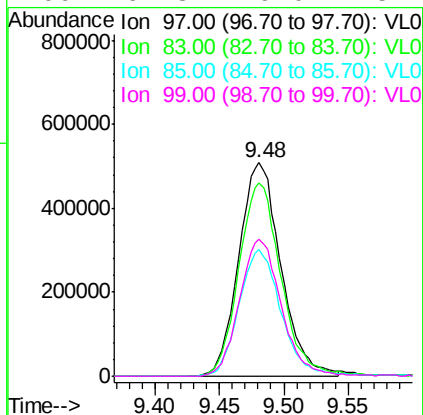
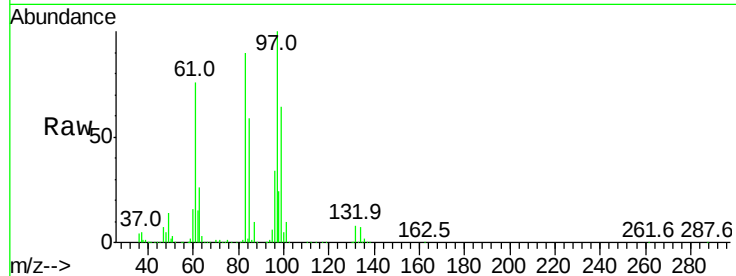




#47
 1,1,2-Trichloroethane
 Concen: 9.66 ppbv
 RT: 9.48
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 31 May 2022 21:53

Tgt Ion: 97 Resp: 1156415

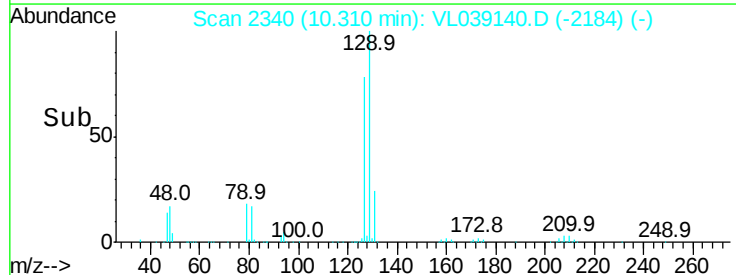
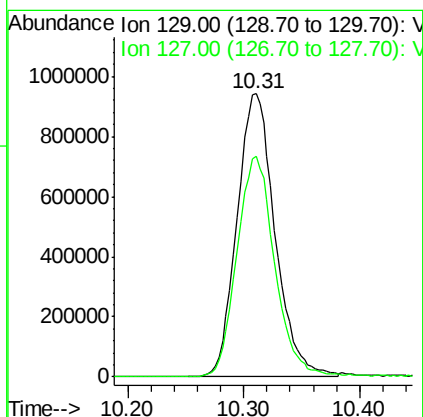
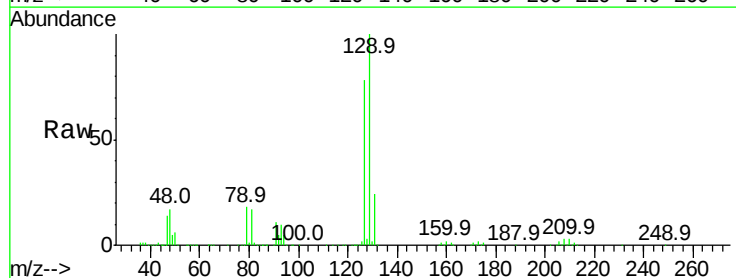
Ion	Ratio	Lower	Upper
97	100		
83	90.4	71.6	107.4
85	59.3	44.8	67.2
99	64.3	49.0	73.4

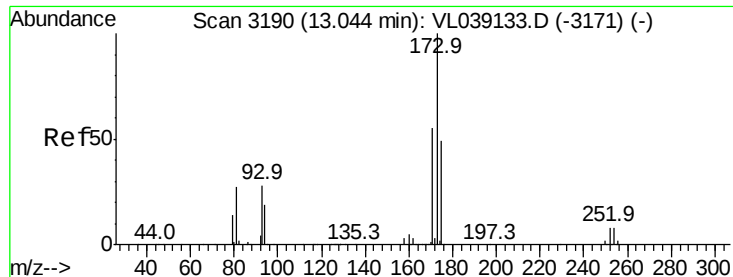


#48
 Dibromochloromethane
 Concen: 10.06 ppbv
 RT: 10.31 min Scan# 2340
 Delta R.T. 0.00 min
 Lab File: VL039140.D
 Acq: 31 May 2022 21:53

Tgt Ion: 129 Resp: 2149567

Ion	Ratio	Lower	Upper
129	100		
127	78.9	40.0	119.9





#49

Bromoform

Concen: 9.98 ppbv

RT: 13.04

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

ICVVL053122

Acq: 31 May 2022 21:53

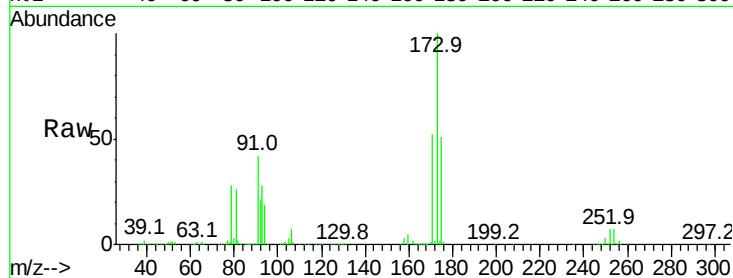
Tgt Ion:173 Resp: 1776907

Ion Ratio Lower Upper

173 100

175 50.9 40.2 60.2

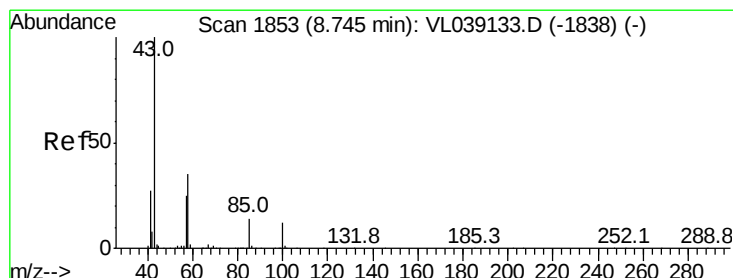
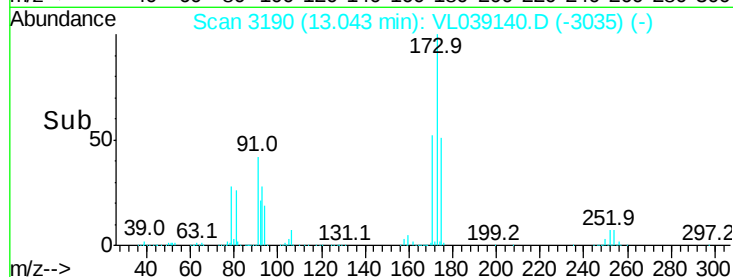
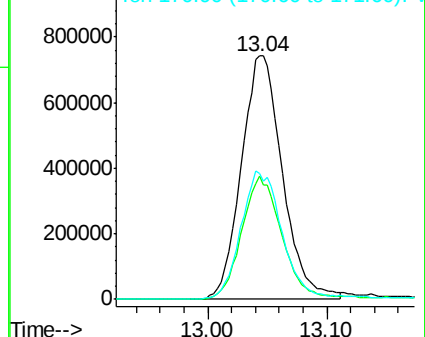
171 53.7 43.9 65.9



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: 10.06 ppbv

RT: 8.74 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VL039140.D

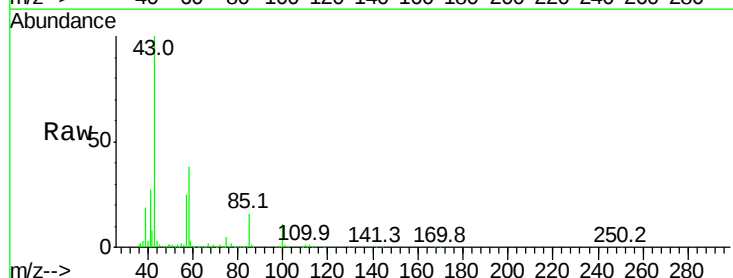
Acq: 31 May 2022 21:53

Tgt Ion: 43 Resp: 2905555

Ion Ratio Lower Upper

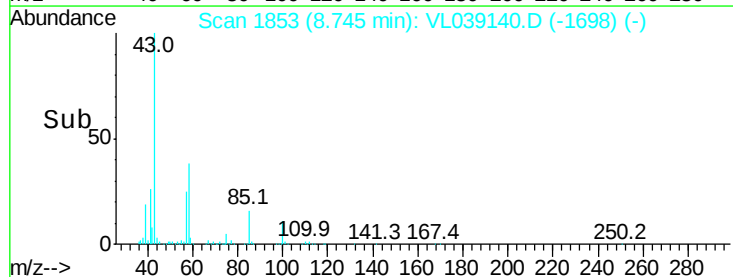
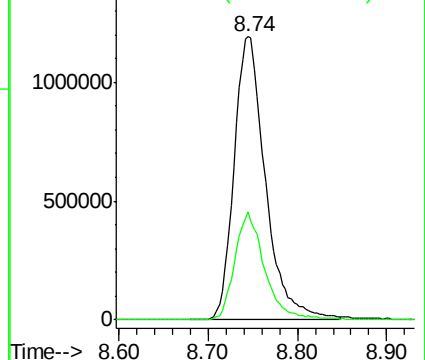
43 100

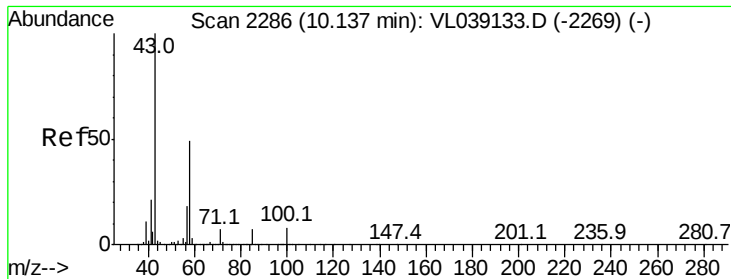
58 36.6 28.7 43.1



Abundance Ion 43.10 (42.80 to 43.80): VL0

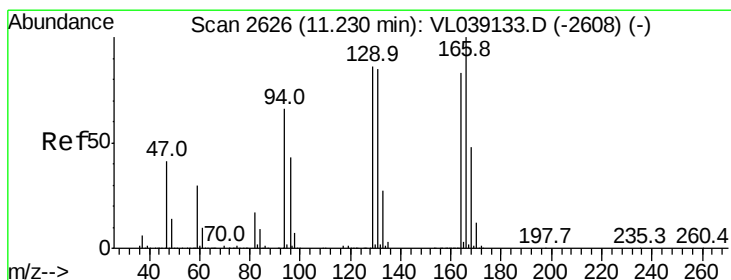
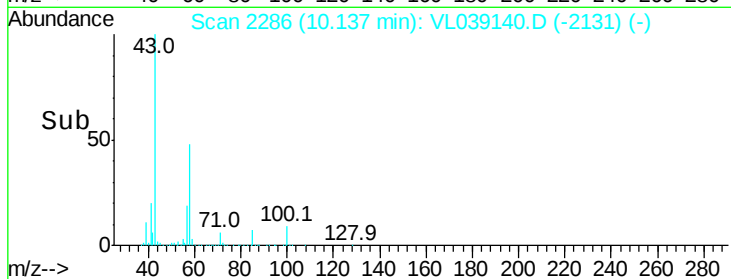
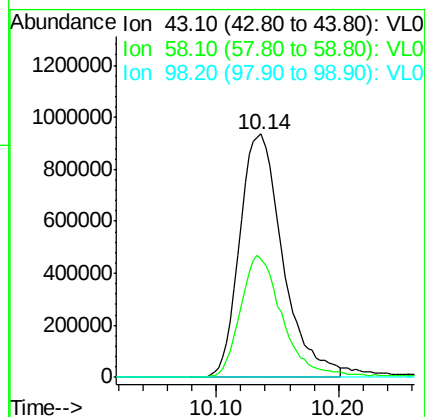
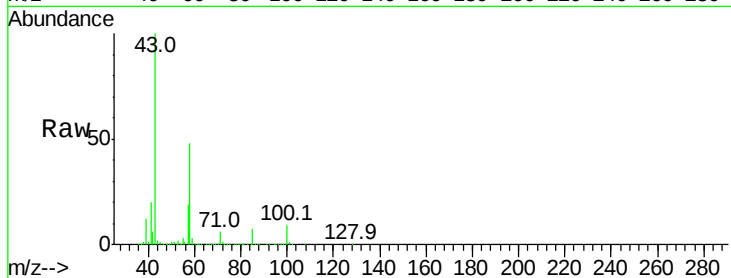
Ion 58.10 (57.80 to 58.80): VL0





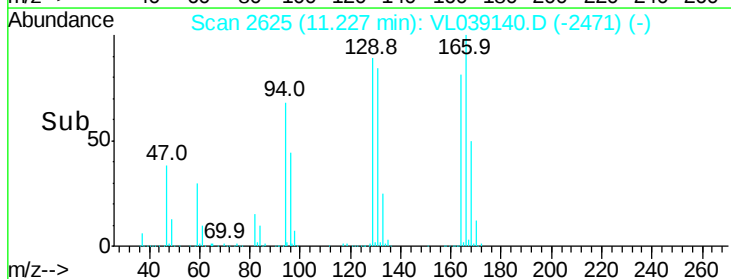
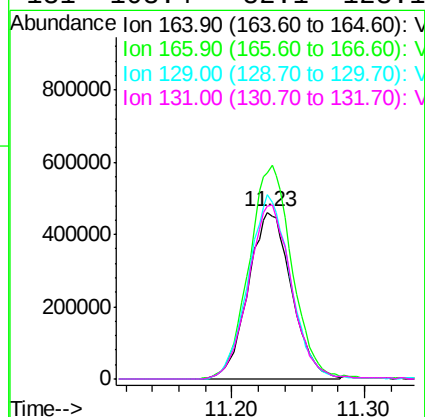
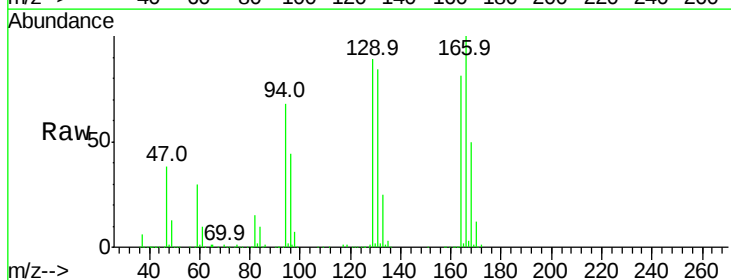
#51
 2-Hexanone
 Concen: 10.16 ppbv
 RT: 10.14 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 ICVVL053122
 Acq: 31 May 2022 21:53

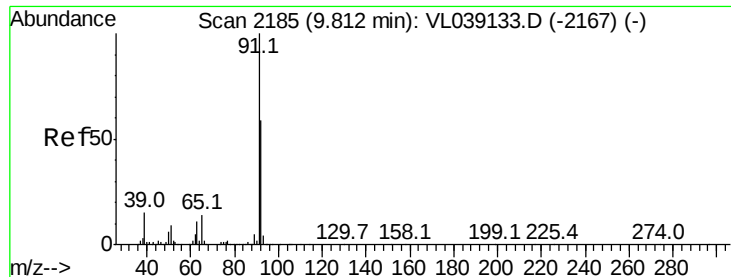
Tgt Ion: 43 Resp: 2282497
 Ion Ratio Lower Upper
 43 100
 58 50.0 40.0 60.0
 98 0.2 0.1 0.1#



#52
 Tetrachloroethene
 Concen: 9.31 ppbv
 RT: 11.23 min Scan# 2625
 Delta R.T.: -0.00 min
 Lab File: VL039140.D
 Acq: 31 May 2022 21:53

Tgt Ion: 164 Resp: 1047903
 Ion Ratio Lower Upper
 164 100
 166 123.8 96.3 144.5
 129 110.4 82.5 123.7
 131 103.4 82.1 123.1





#53

Toluene

Concen: 9.83 ppbv

RT: 9.81 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

ICVVL053122

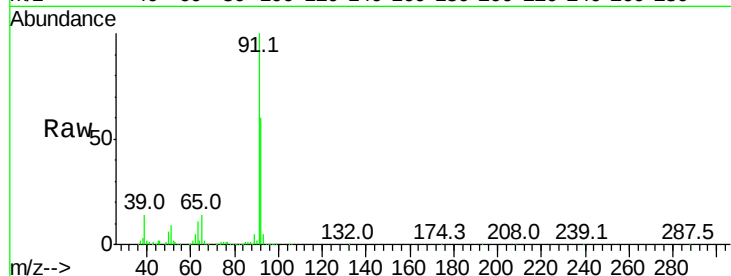
Acq: 31 May 2022 21:53

Tgt Ion: 91 Resp: 3262717

Ion Ratio Lower Upper

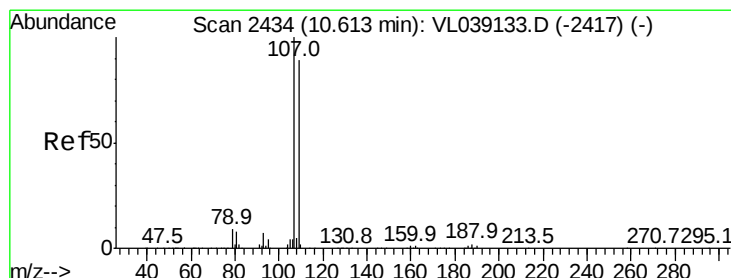
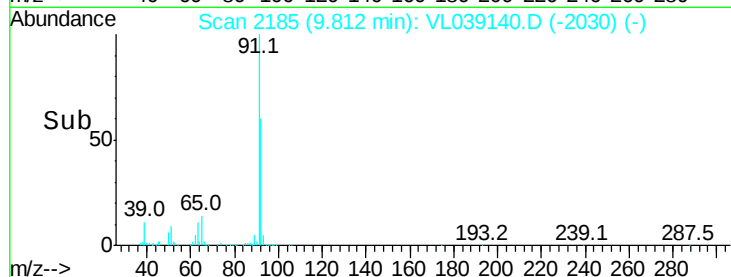
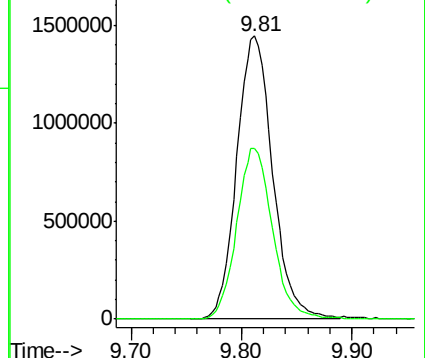
91 100

92 60.5 48.1 72.1



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0



#54

1,2-Dibromoethane

Concen: 10.08 ppbv

RT: 10.62 min Scan# 2435

Delta R.T. 0.00 min

Lab File: VL039140.D

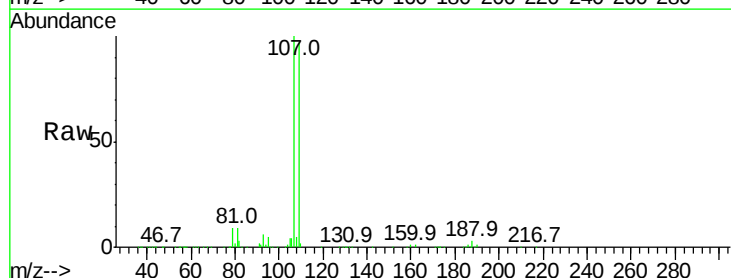
Acq: 31 May 2022 21:53

Tgt Ion: 107 Resp: 1621029

Ion Ratio Lower Upper

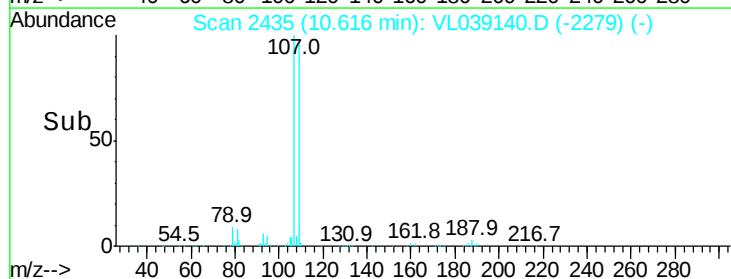
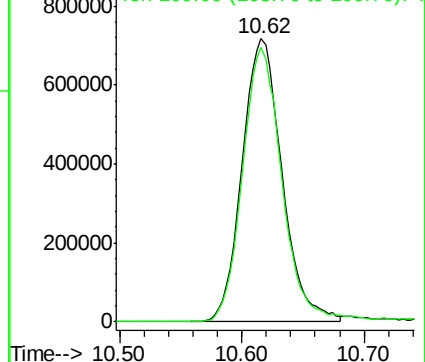
107 100

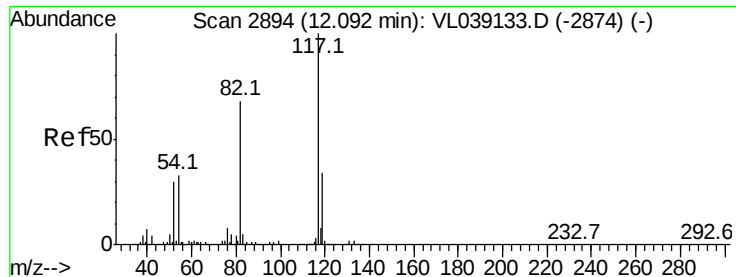
109 97.1 71.4 107.0



Abundance Ion 107.00 (106.70 to 107.70): V

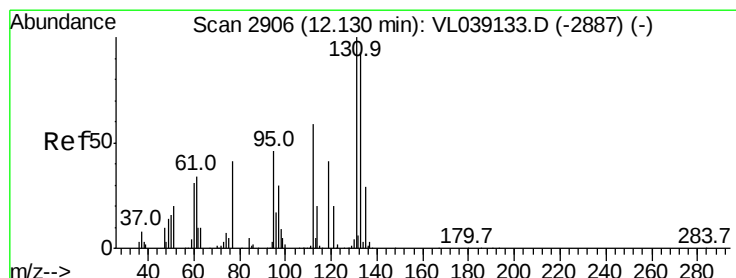
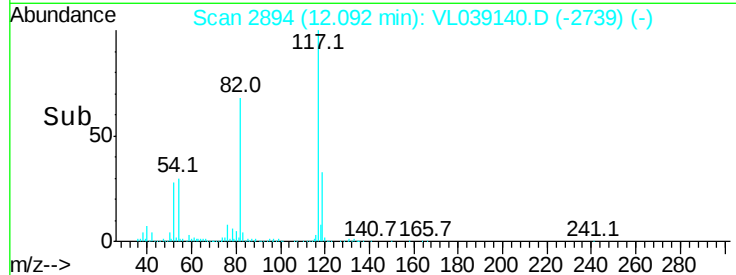
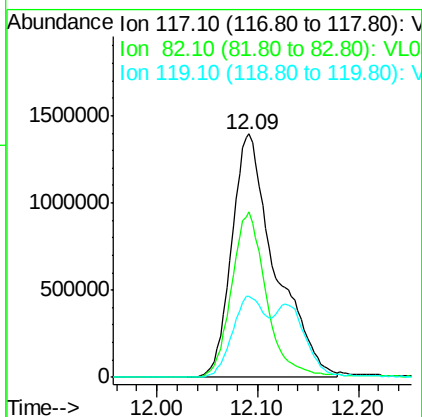
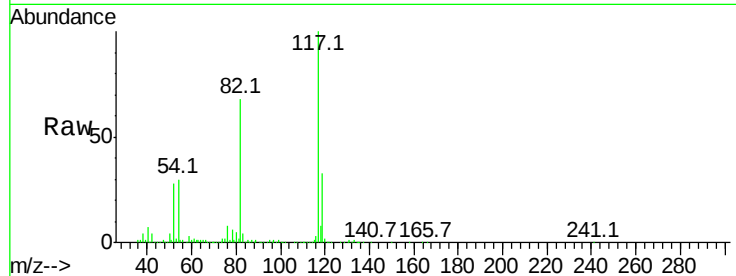
Ion 109.00 (108.70 to 109.70): V





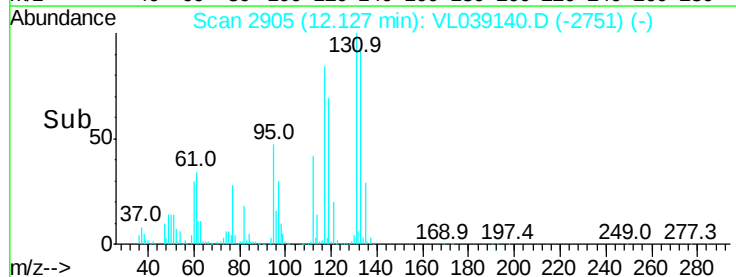
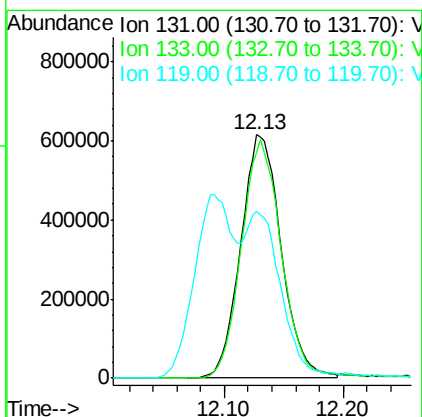
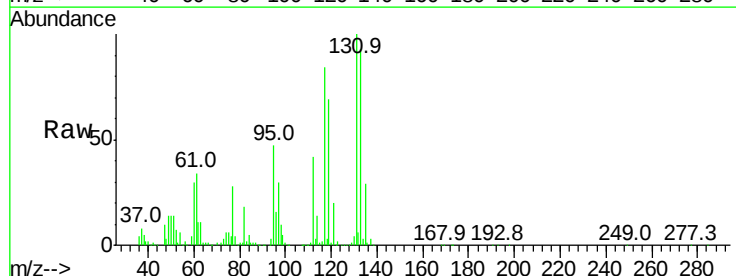
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.09 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 31 May 2022 21:53

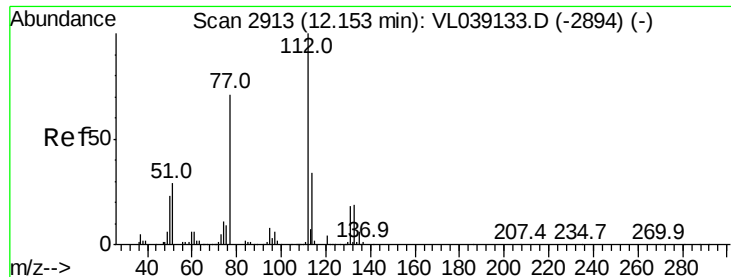
Tgt Ion:117 Resp: 4186747
Ion Ratio Lower Upper
117 100
82 55.4 55.1 82.7
119 24.9 24.7 37.1



#56
1,1,1,2-Tetrachloroethane
Concen: 7.31 ppbv
RT: 12.13 min Scan# 2905
Delta R.T.: -0.00 min
Lab File: VL039140.D
Acq: 31 May 2022 21:53

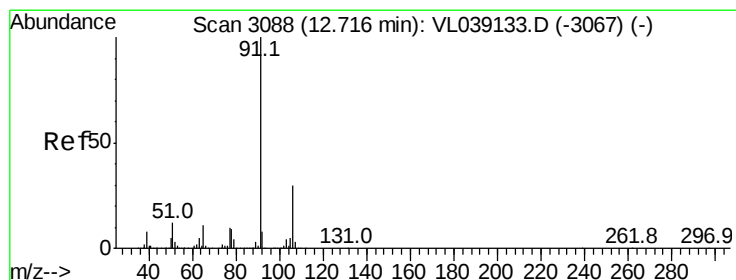
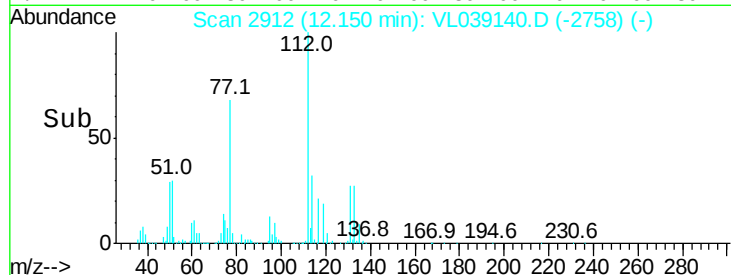
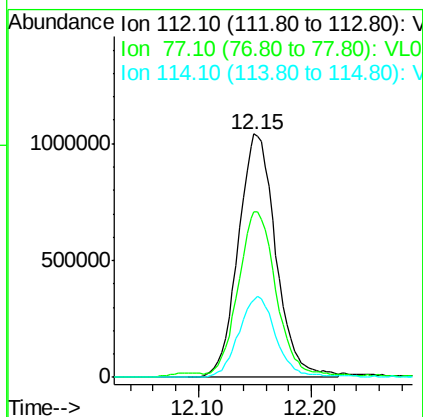
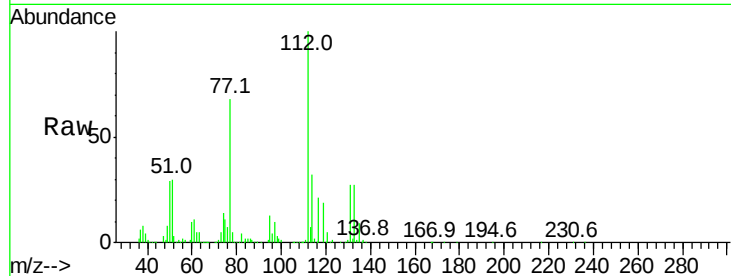
Tgt Ion:131 Resp: 1448189
Ion Ratio Lower Upper
131 100
133 97.5 78.6 117.8
119 65.6 51.7 77.5





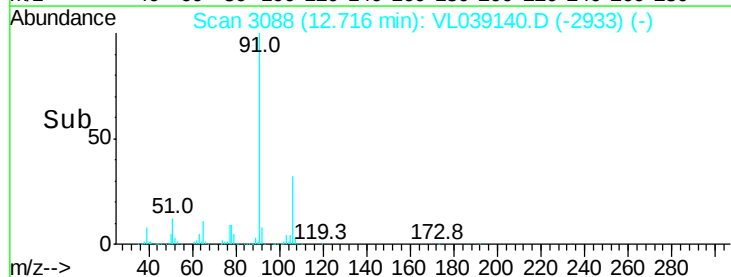
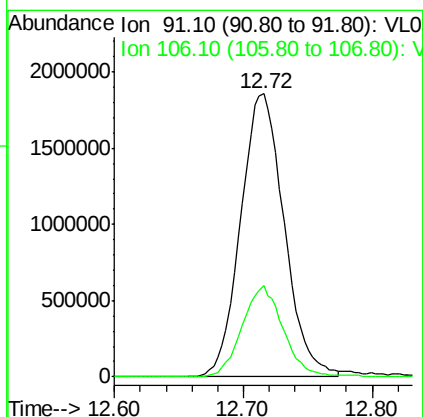
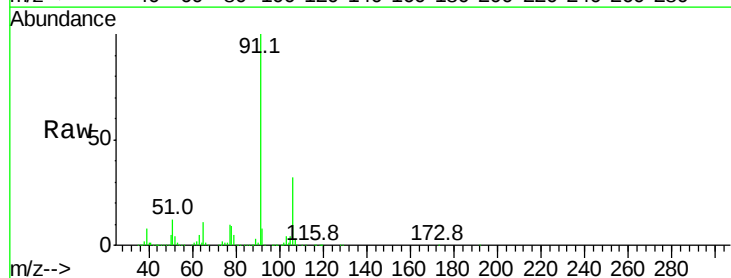
#57
Chlorobenzene
Concen: 7.62 ppbv
RT: 12.15 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 31 May 2022 21:53

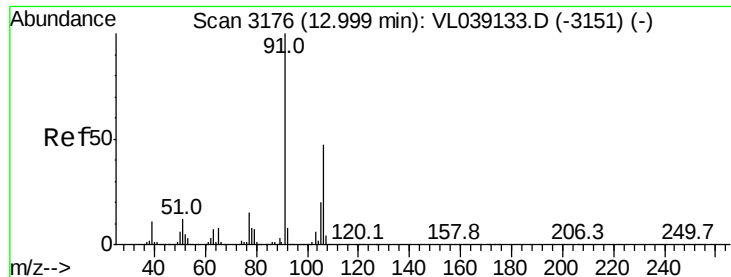
Tgt Ion: 112 Resp: 2401940
Ion Ratio Lower Upper
112 100
77 66.4 56.5 84.7
114 31.6 30.3 37.1



#58
Ethyl Benzene
Concen: 7.56 ppbv
RT: 12.72 min Scan# 3088
Delta R.T.: -0.00 min
Lab File: VL039140.D
Acq: 31 May 2022 21:53

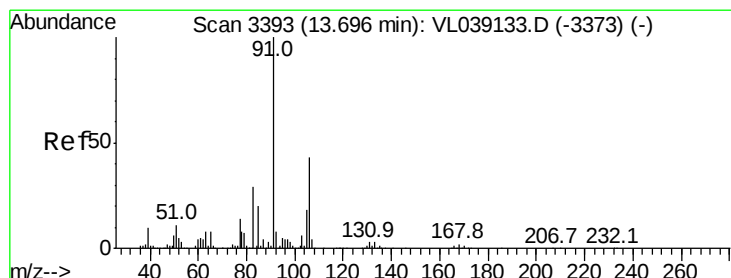
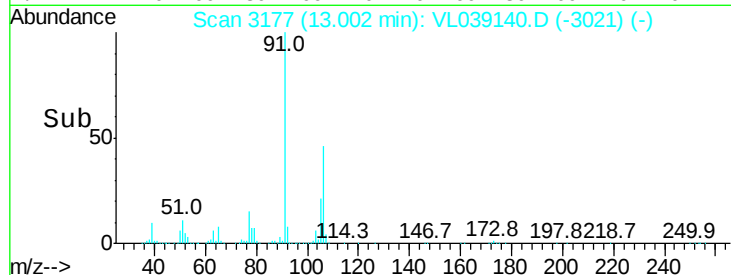
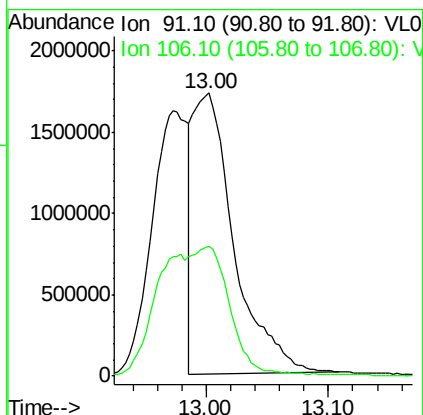
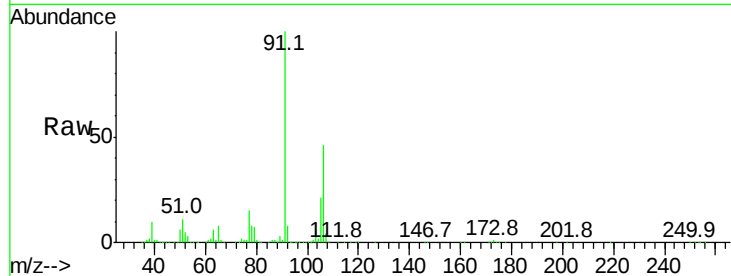
Tgt Ion: 91 Resp: 4361653
Ion Ratio Lower Upper
91 100
106 32.1 24.2 36.4





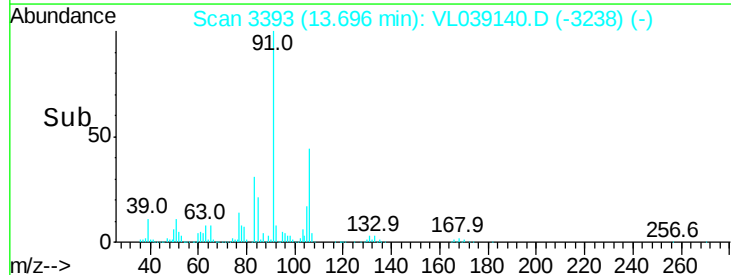
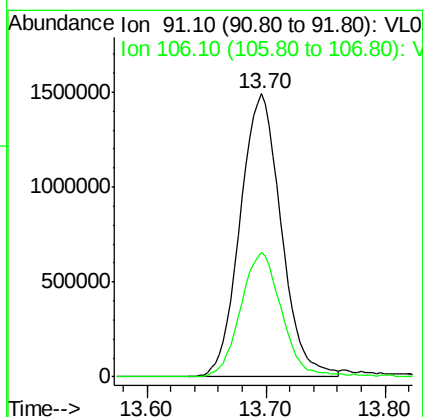
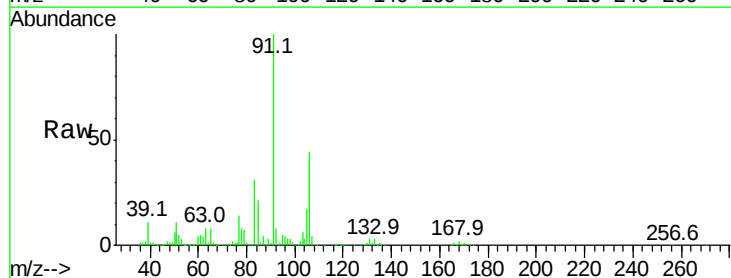
#59
m/p-Xylene
Concen: 7.88 ppbv
RT: 13.00
Delta R.T. MSVOA_L
Lab File: ClientSampleId:
ICVVL053122
Acq: 31 May 2022 21:53

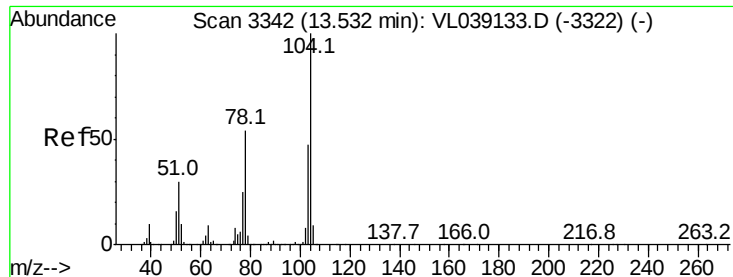
Tgt Ion: 91 Resp: 4002192
Ion Ratio Lower Upper
91 100
106 81.9 34.3 51.5#



#60
o-Xylene
Concen: 7.45 ppbv
RT: 13.70 min Scan# 3393
Delta R.T. -0.00 min
Lab File: VL039140.D
Acq: 31 May 2022 21:53

Tgt Ion: 91 Resp: 3556378
Ion Ratio Lower Upper
91 100
106 44.7 22.3 66.9

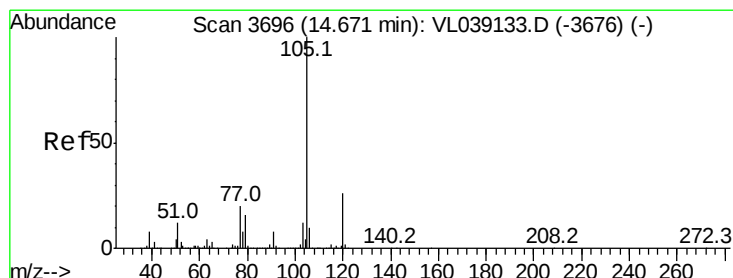
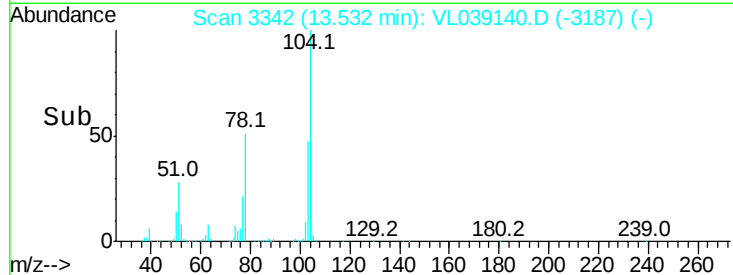
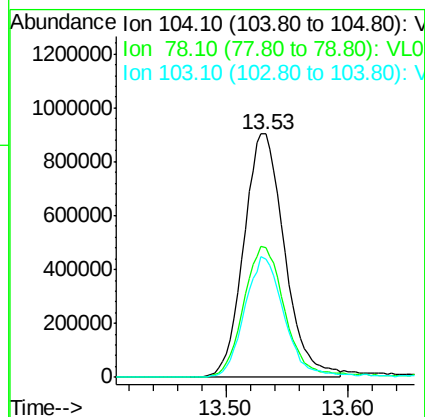
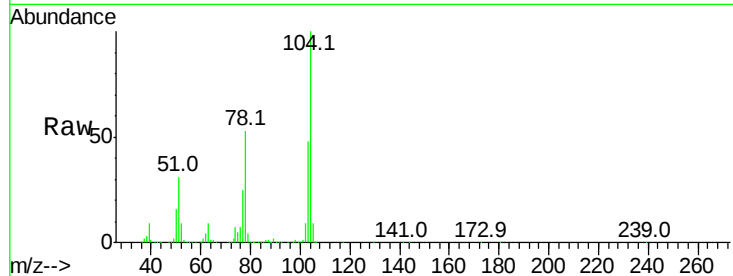




#61
Styrene
Concen: 8.13 ppbv
RT: 13.53
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 31 May 2022 21:53

Tgt Ion:104 Resp: 2078822

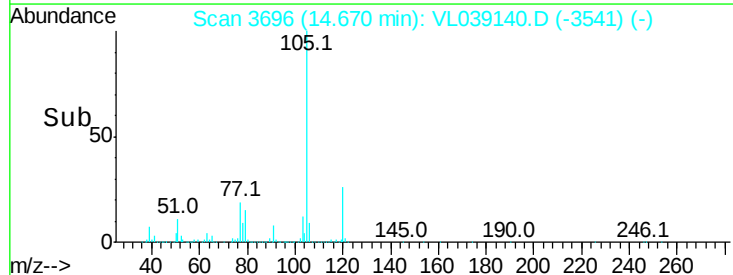
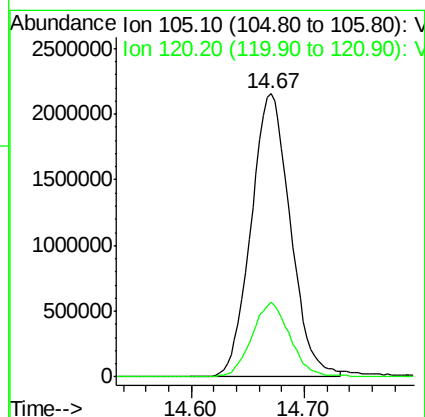
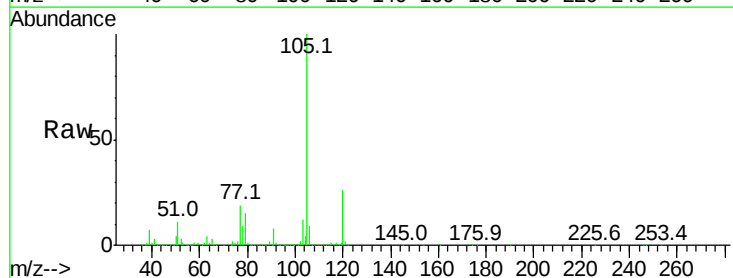
Ion	Ratio	Lower	Upper
104	100		
78	55.5	45.7	68.5
103	48.8	39.6	59.4

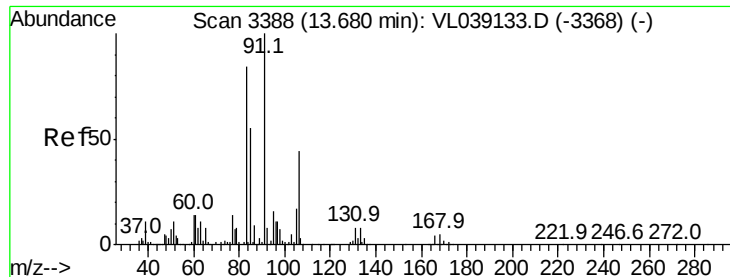


#62
Isopropylbenzene
Concen: 7.34 ppbv
RT: 14.67 min Scan# 3696
Delta R.T. -0.00 min
Lab File: VL039140.D
Acq: 31 May 2022 21:53

Tgt Ion:105 Resp: 5205148

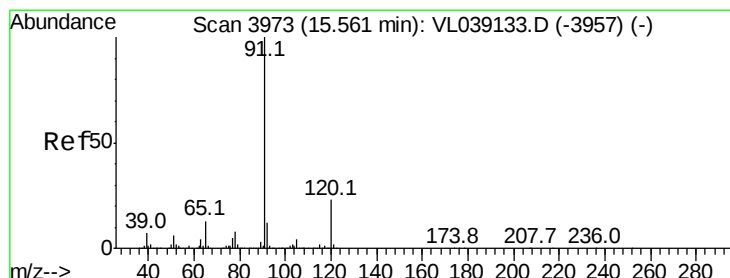
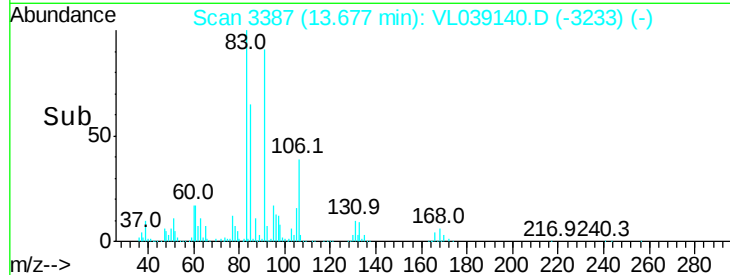
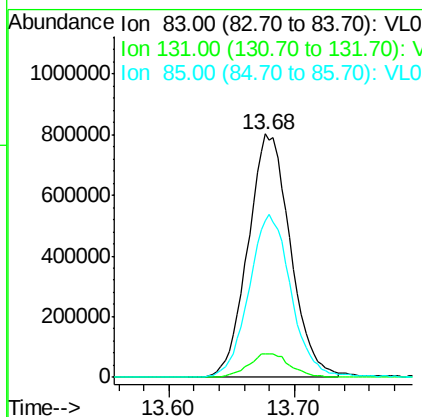
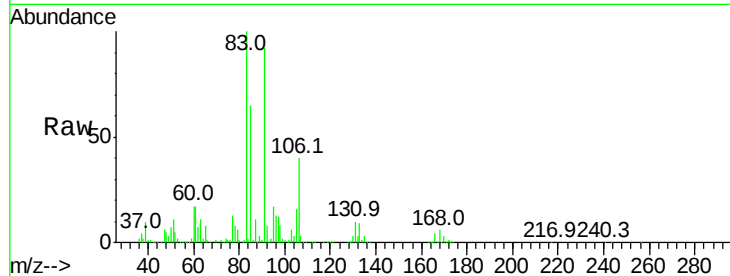
Ion	Ratio	Lower	Upper
105	100		
120	25.9	20.3	30.5





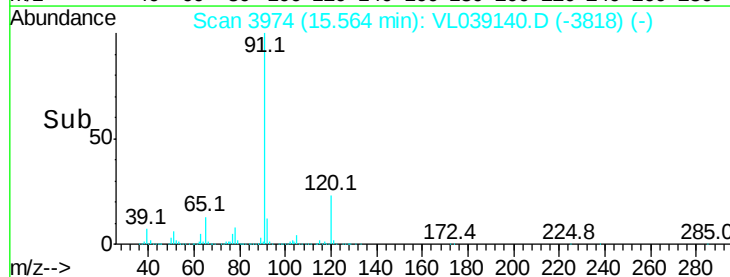
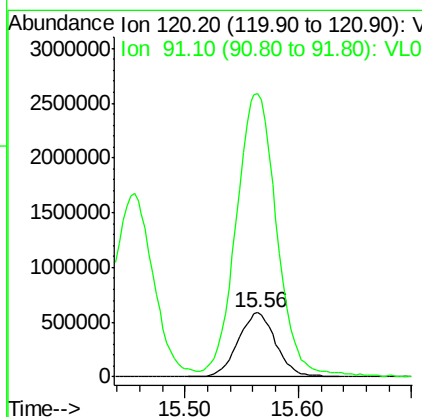
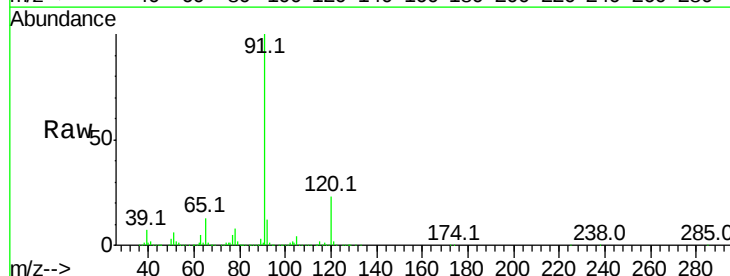
#63
 1,1,2,2-Tetrachloroethane
 Concen: 7.04 ppbv
 RT: 13.68
 Delta R.T. MSVOA_1
 Lab File: ClientSampleId :
 Acq: 31 May 2022 21:53

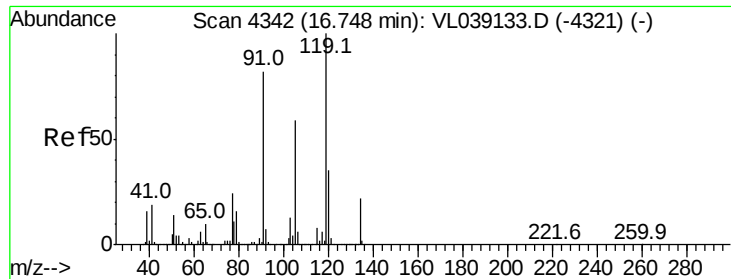
Tgt Ion: 83 Resp: 1884620
 Ion Ratio Lower Upper
 83 100
 131 9.8 4.8 14.3
 85 66.8 33.0 99.0



#64
 n-propylbenzene
 Concen: 7.82 ppbv
 RT: 15.56 min Scan# 3974
 Delta R.T. 0.00 min
 Lab File: VL039140.D
 Acq: 31 May 2022 21:53

Tgt Ion: 120 Resp: 1363895
 Ion Ratio Lower Upper
 120 100
 91 475.0 388.4 582.6





#65

tert-Butylbenzene

Concen: 7.25 ppbv

RT: 16.75

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

ICVVL053122

Acq: 31 May 2022 21:55

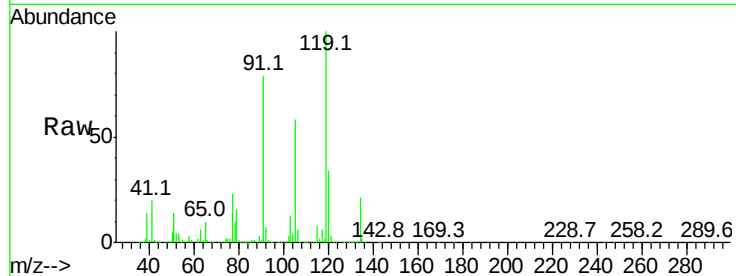
Tgt Ion: 119 Resp: 4702282

Ion Ratio Lower Upper

119 100

91 83.0 67.1 100.7

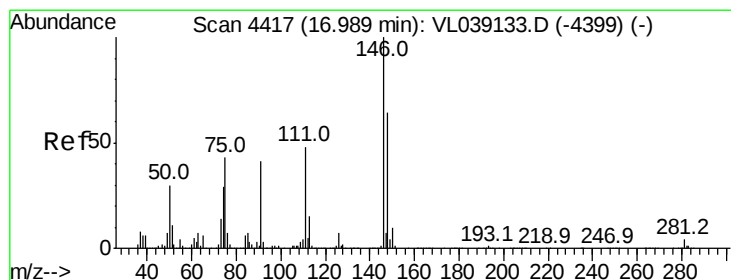
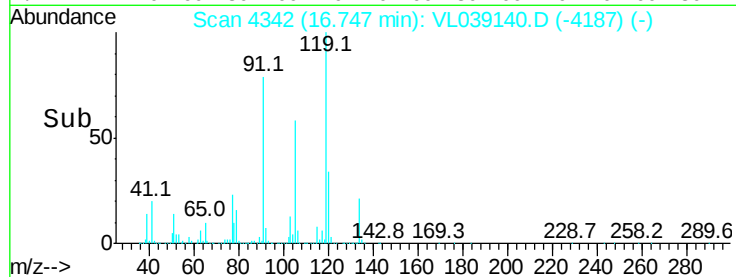
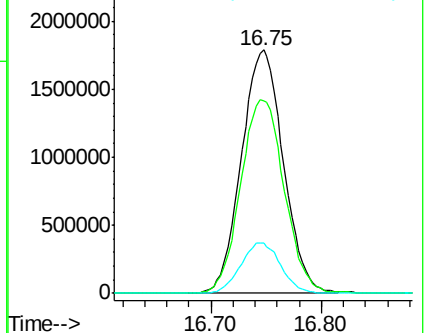
134 19.9 15.8 23.8



Abundance Ion 119.20 (118.90 to 119.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 134.20 (133.90 to 134.90): V



#66

Benzyl Chloride

Concen: 9.21 ppbv

RT: 16.99 min Scan# 4417

Delta R.T. -0.00 min

Lab File: VL039140.D

Acq: 31 May 2022 21:53

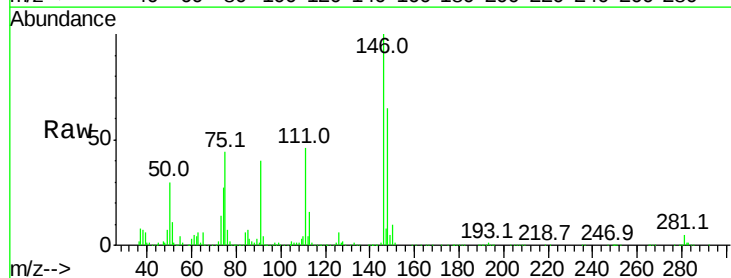
Tgt Ion: 91 Resp: 776829

Ion Ratio Lower Upper

91 100

126 16.1 13.4 20.0

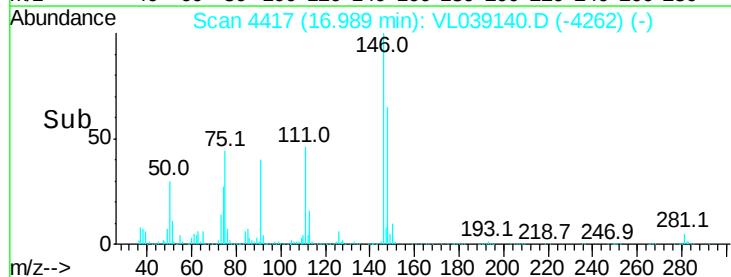
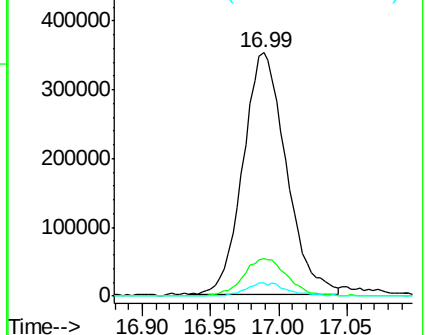
128 5.5 4.1 6.1

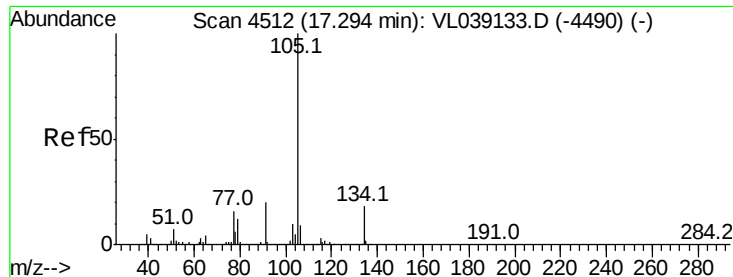


Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V

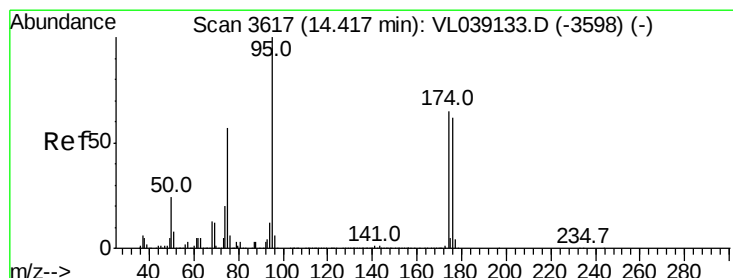
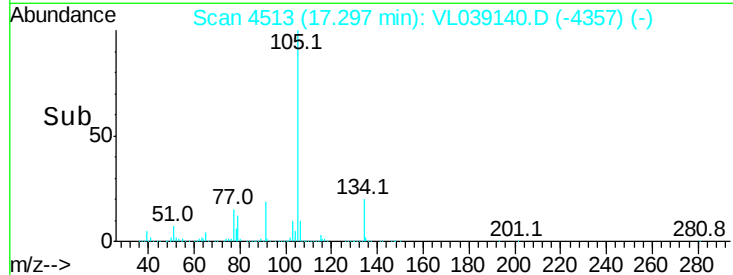
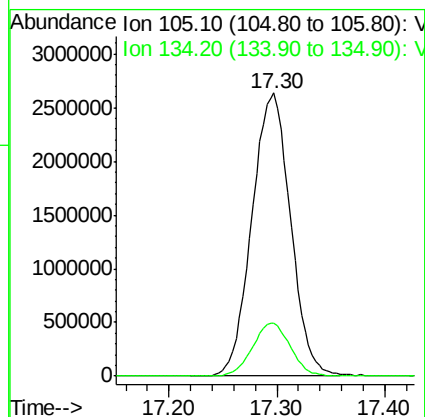
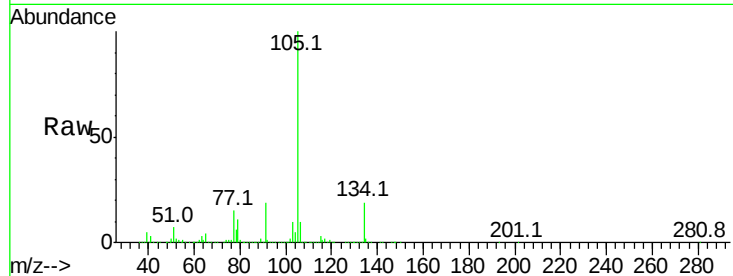
Ion 128.10 (127.80 to 128.80): V





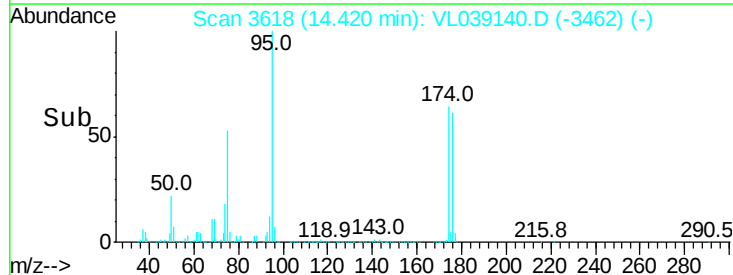
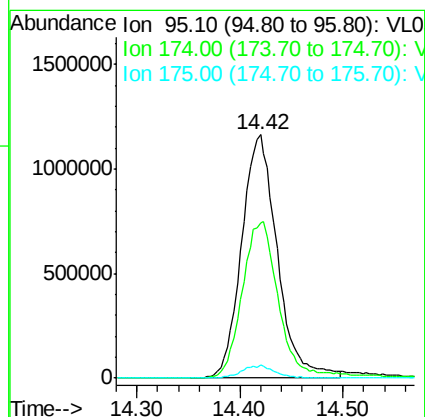
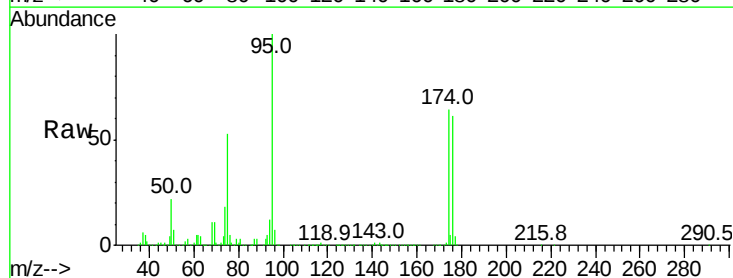
#67
 sec-Butylbenzene
 Concen: 7.40 ppbv
 RT: 17.30
 Delta R.T. MSVOA_1
 Lab File: ClientSampleId :
 Acq: 31 May 2022 21:53

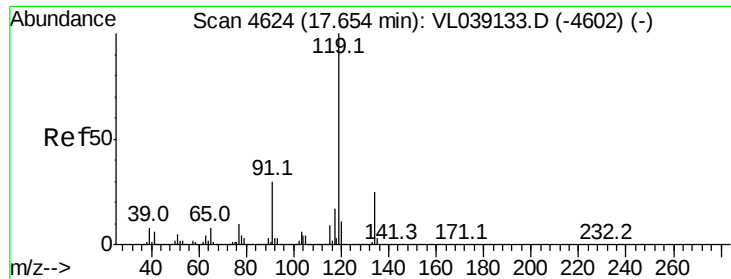
Tgt Ion: 105 Resp: 6547272
 Ion Ratio Lower Upper
 105 100
 134 18.5 14.4 21.6



#68
 1-Bromo-4-Fluorobenzene
 Concen: 8.08 ppbv
 RT: 14.42 min Scan# 3618
 Delta R.T. 0.00 min
 Lab File: VL039140.D
 Acq: 31 May 2022 21:53

Tgt Ion: 95 Resp: 2797034
 Ion Ratio Lower Upper
 95 100
 174 67.3 53.8 80.8
 175 5.1 4.1 6.1

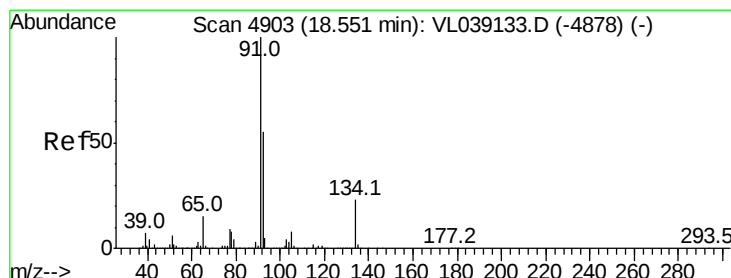
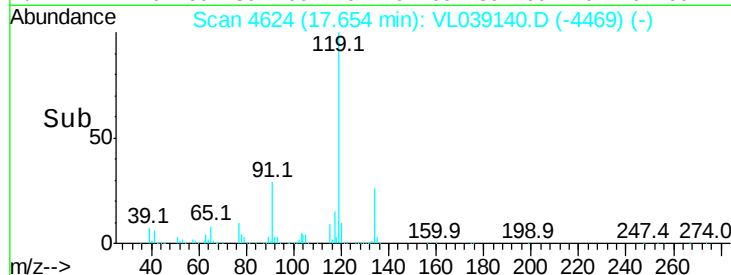
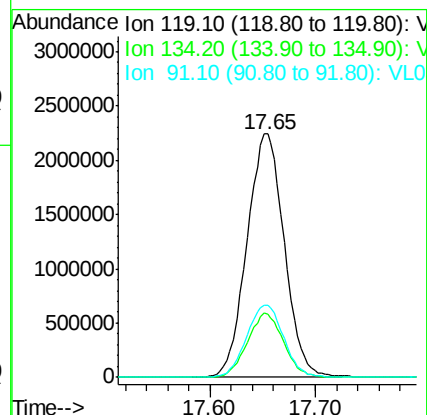
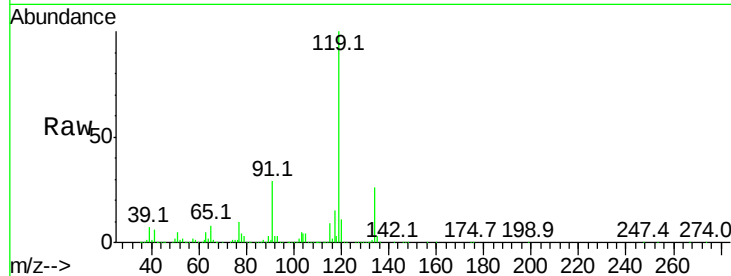




#69
 p-Isopropyltoluene
 Concen: 7.41 ppbv
 RT: 17.65
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 ICVVL053122
 Acq: 31 May 2022 21:53

Tgt Ion: 119 Resp: 5528710

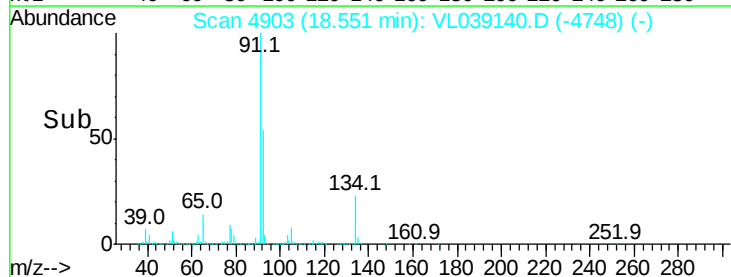
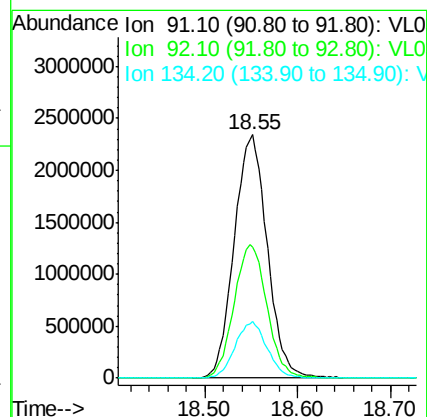
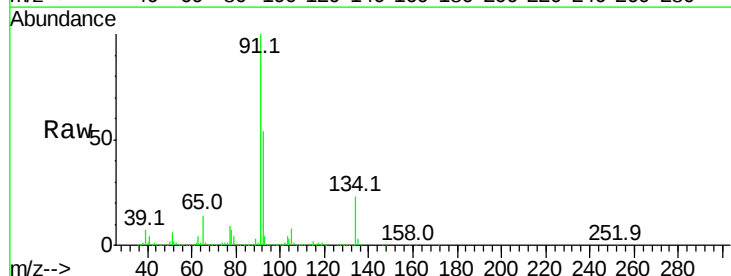
Ion	Ratio	Lower	Upper
119	100		
134	25.6	20.4	30.6
91	29.6	24.2	36.4

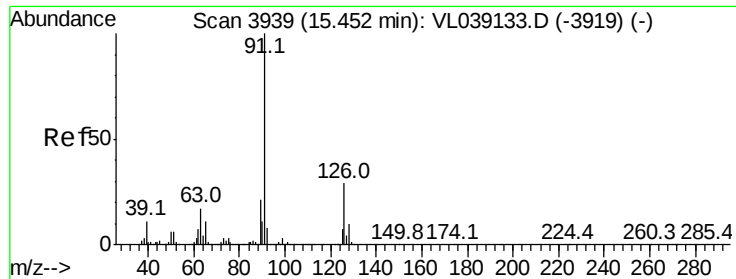


#70
 n-Butylbenzene
 Concen: 7.55 ppbv
 RT: 18.55 min Scan# 4903
 Delta R.T. -0.00 min
 Lab File: VL039140.D
 Acq: 31 May 2022 21:53

Tgt Ion: 91 Resp: 5787389

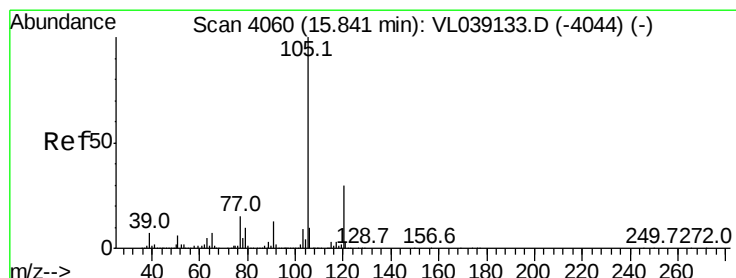
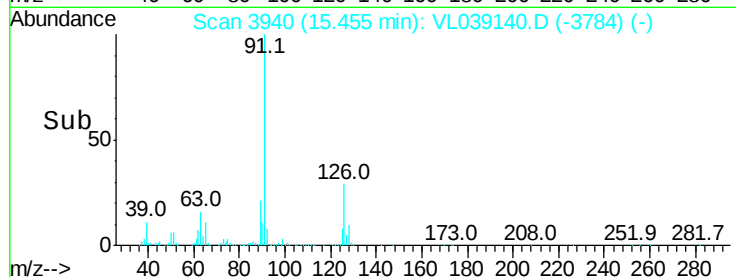
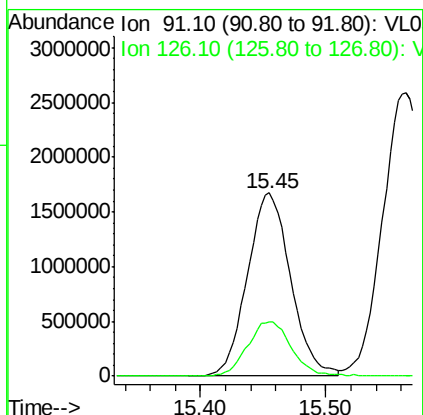
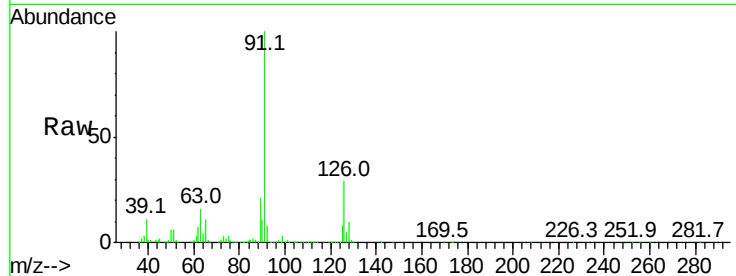
Ion	Ratio	Lower	Upper
91	100		
92	54.8	43.6	65.4
134	22.5	17.7	26.5





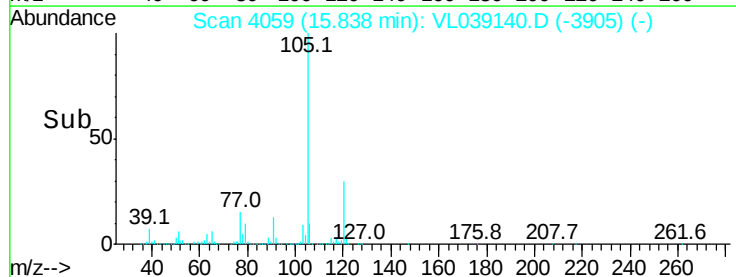
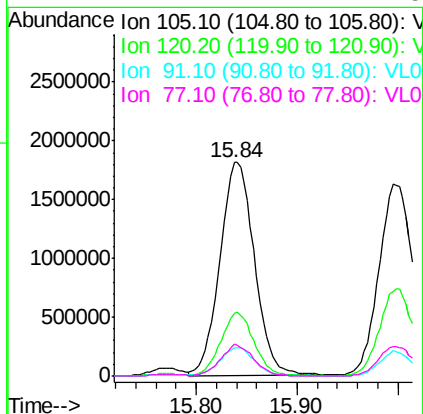
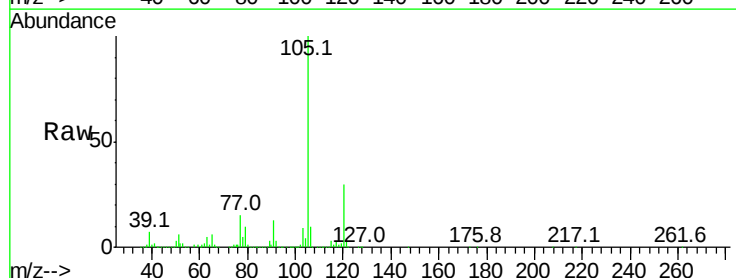
#71
 2-Chlorotoluene
 Concen: 7.40 ppbv
 RT: 15.45
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 31 May 2022 21:53

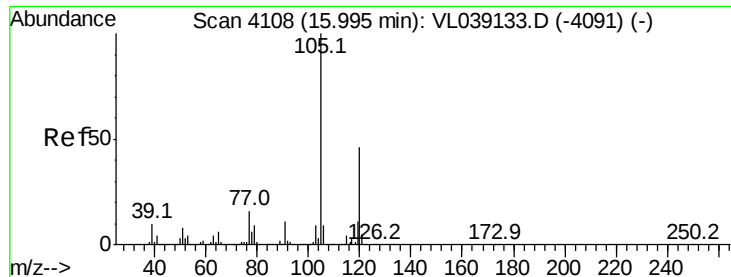
Tgt Ion: 91 Resp: 4001668
 Ion Ratio Lower Upper
 91 100
 126 30.8 12.2 48.6



#72
 4-Ethyltoluene
 Concen: 7.73 ppbv
 RT: 15.84 min Scan# 4059
 Delta R.T. -0.00 min
 Lab File: VL039140.D
 Acq: 31 May 2022 21:53

Tgt Ion: 105 Resp: 4326061
 Ion Ratio Lower Upper
 105 100
 120 29.1 23.9 35.9
 91 14.0 10.6 16.0
 77 14.2 11.7 17.5





#73

1,3,5-Trimethylbenzene

Concen: 7.66 ppbv

RT: 16.00

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

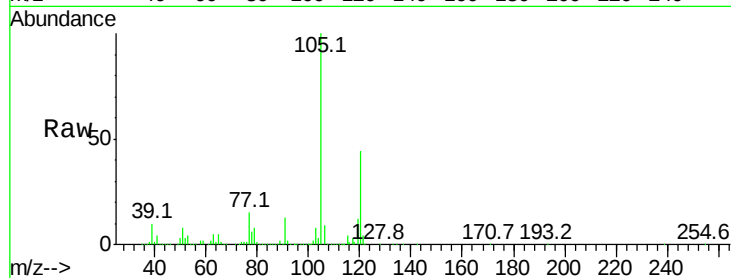
Acq: 31 May 2022 21:53

Tgt Ion:105 Resp: 3862712

Ion Ratio Lower Upper

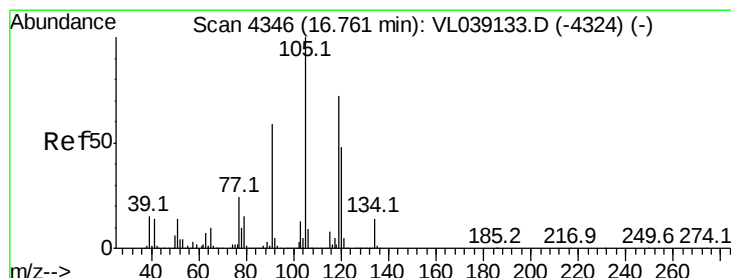
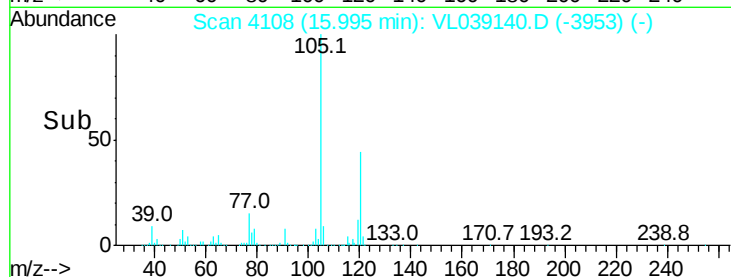
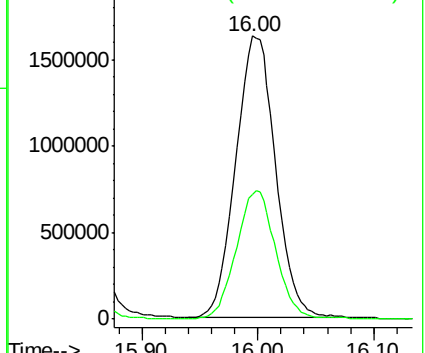
105 100

120 43.9 36.7 55.1



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V



#74

1,2,4-Trimethylbenzene

Concen: 7.36 ppbv

RT: 16.76 min Scan# 4347

Delta R.T. 0.00 min

Lab File: VL039140.D

Acq: 31 May 2022 21:53

Tgt Ion:105 Resp: 4142774

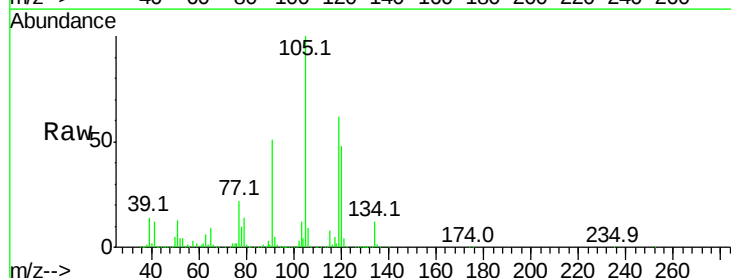
Ion Ratio Lower Upper

105 100

120 48.0 38.1 57.1

91 50.7 47.4 71.0

77 22.1 19.5 29.3

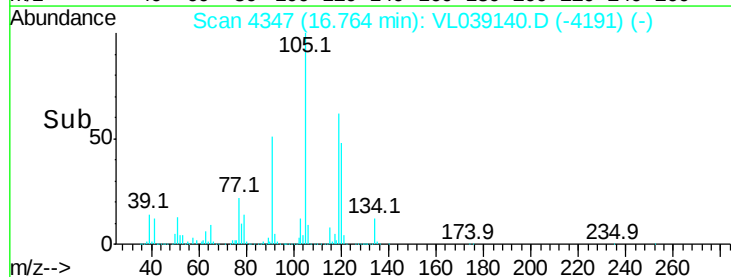
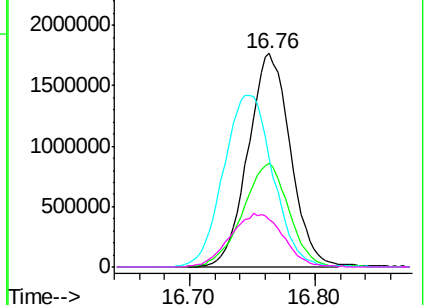


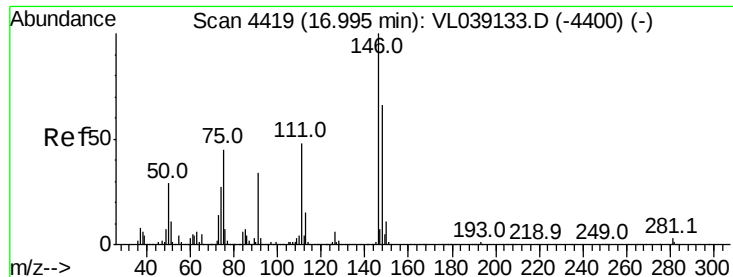
Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0





#75

1,3-Dichlorobenzene

Concen: 7.64 ppbv

RT: 17.00

Delta R.T. MSVOA_L

Lab File: ClientSampled :

ICVVL053122

Acq: 31 May 2022 21:53

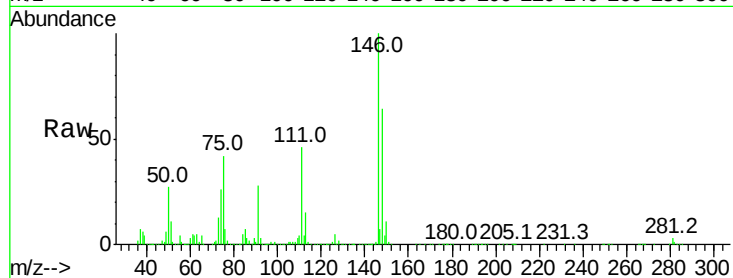
Tgt Ion:146 Resp: 2435627

Ion Ratio Lower Upper

146 100

111 46.1 23.8 71.4

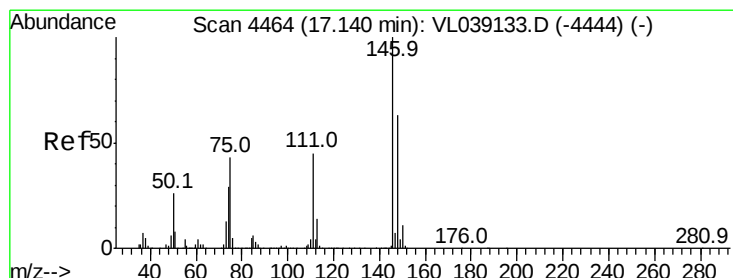
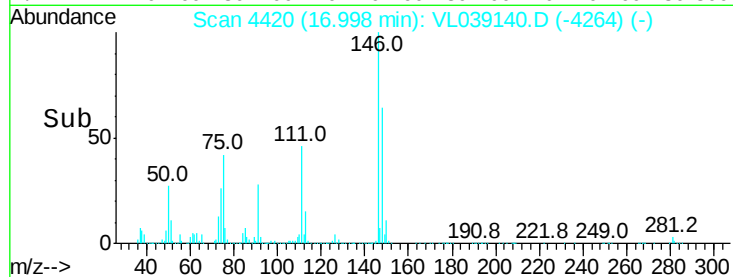
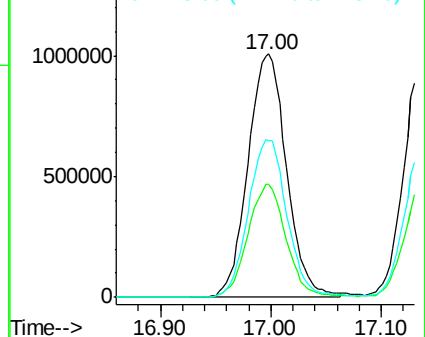
148 65.1 32.4 97.0



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V



#76

1,4-Dichlorobenzene

Concen: 7.52 ppbv

RT: 17.14 min Scan# 4463

Delta R.T. -0.00 min

Lab File: VL039140.D

Acq: 31 May 2022 21:53

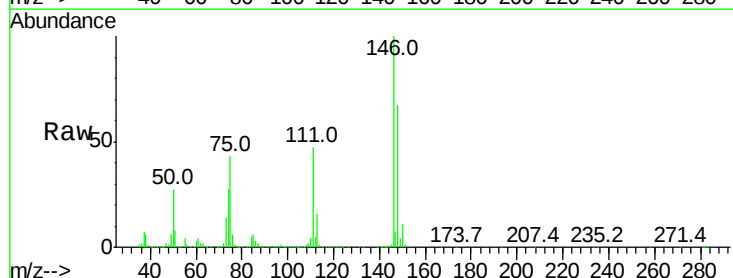
Tgt Ion:146 Resp: 2391260

Ion Ratio Lower Upper

146 100

111 47.0 23.6 71.0

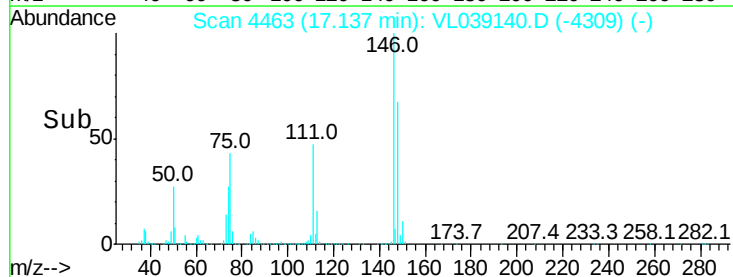
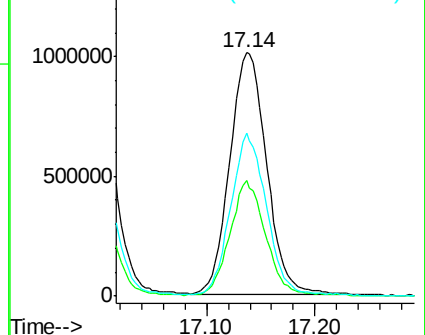
148 66.4 33.7 101.0

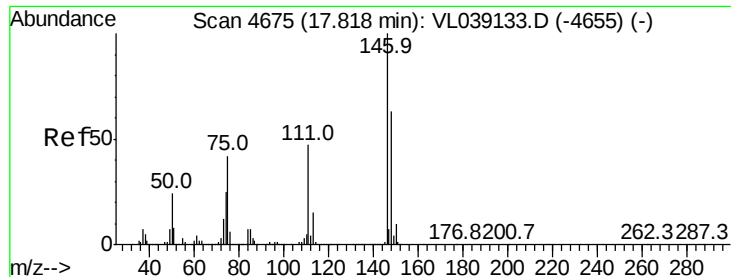


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V





#77

1,2-Dichlorobenzene

Concen: 7.43 ppbv

RT: 17.82

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

ICVVL053122

Acq: 31 May 2022 21:55

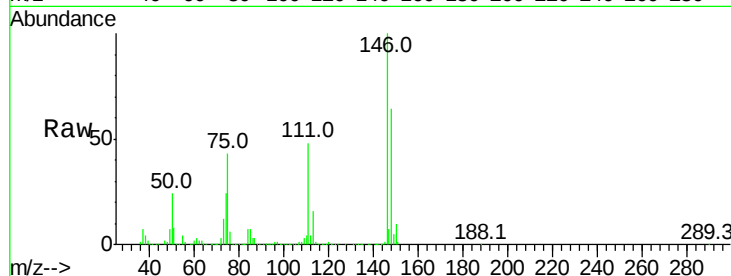
Tgt Ion:146 Resp: 2386701

Ion Ratio Lower Upper

146 100

111 49.2 24.4 73.4

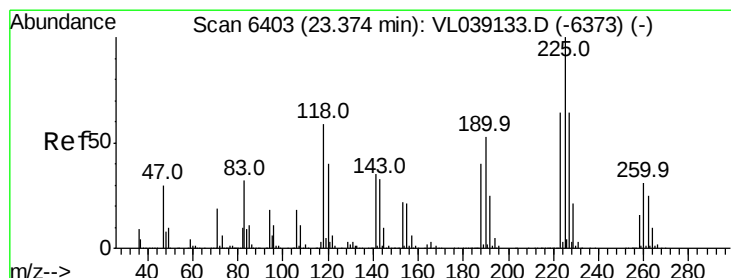
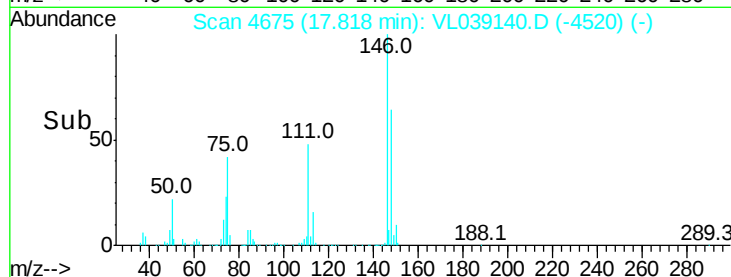
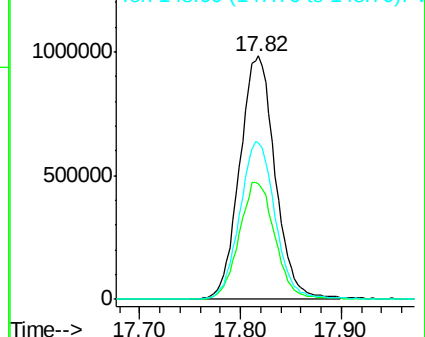
148 64.9 32.1 96.5



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V



#78

Hexachloro-1,3-Butadiene

Concen: 6.89 ppbv

RT: 23.37 min Scan# 6402

Delta R.T. -0.00 min

Lab File: VL039140.D

Acq: 31 May 2022 21:53

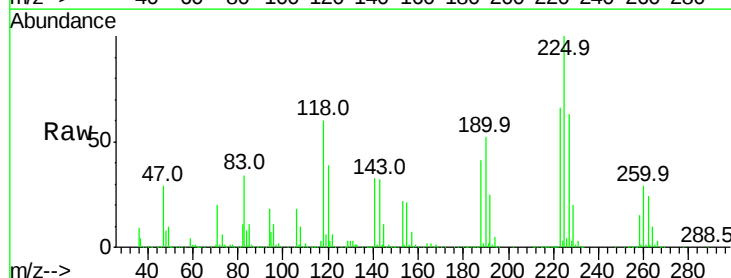
Tgt Ion:225 Resp: 2023008

Ion Ratio Lower Upper

225 100

223 63.7 51.4 77.0

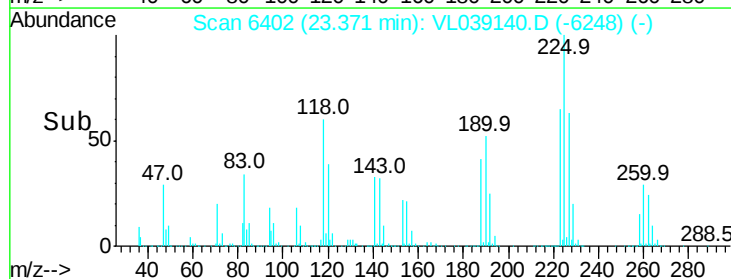
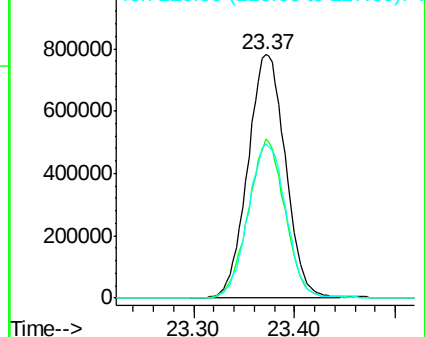
227 64.1 50.6 75.8

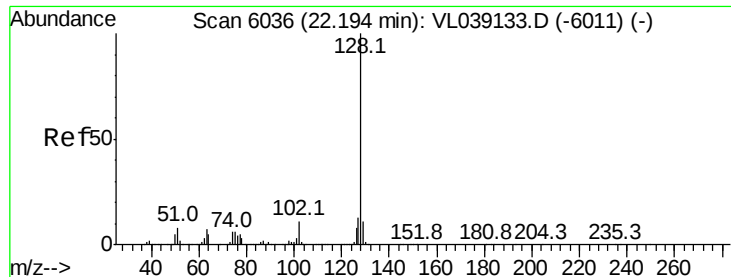


Abundance Ion 224.90 (224.60 to 225.60): V

Ion 222.90 (222.60 to 223.60): V

Ion 226.90 (226.60 to 227.60): V





#79

Naphthalene

Concen: 9.06 ppbv

RT: 22.19 min

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

ICVVL053122

Acq: 31 May 2022 21:53

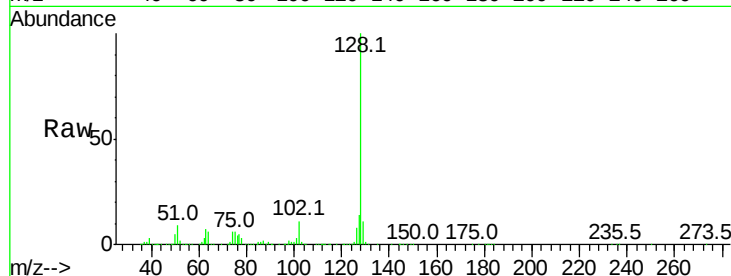
Tgt Ion:128 Resp: 3927826

Ion Ratio Lower Upper

128 100

127 14.0 10.4 15.6

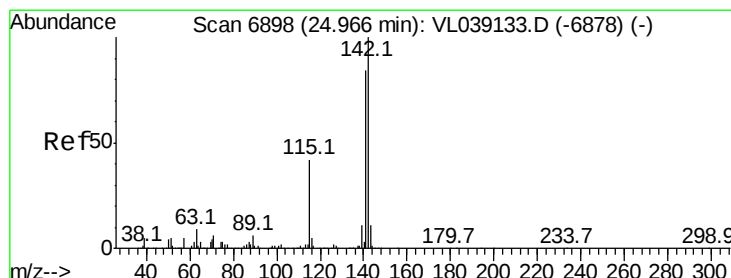
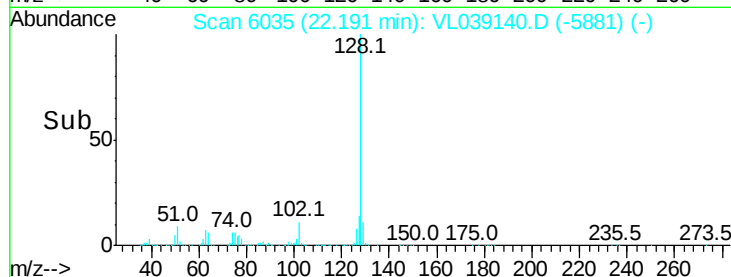
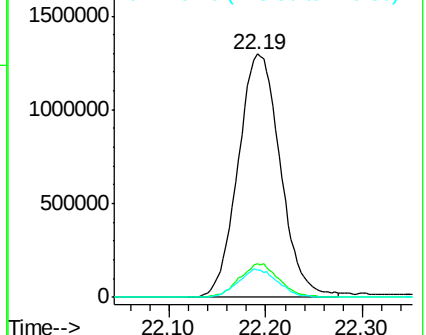
129 11.2 9.0 13.6



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: 10.40 ppbv

RT: 24.97 min Scan# 6898

Delta R.T. -0.00 min

Lab File: VL039140.D

Acq: 31 May 2022 21:53

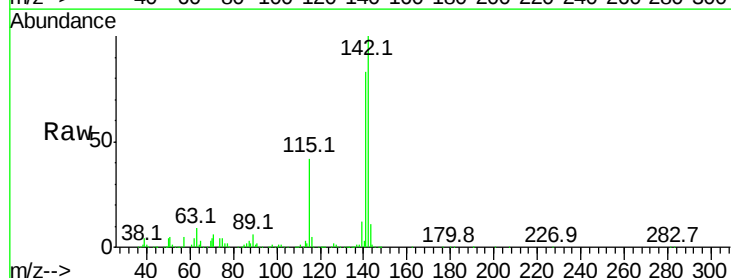
Tgt Ion:142 Resp: 1674372

Ion Ratio Lower Upper

142 100

141 87.1 64.6 96.8

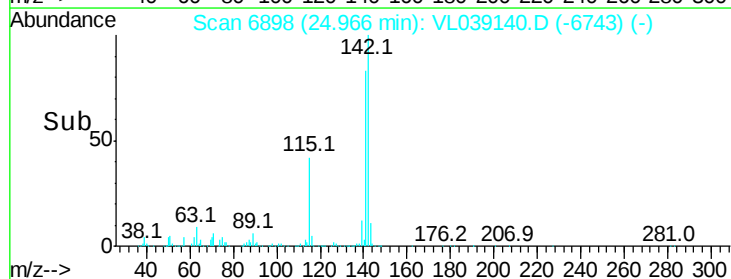
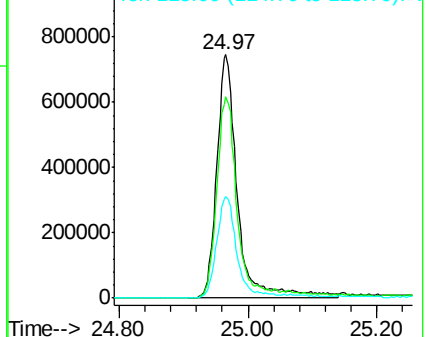
115 40.6 32.7 49.1

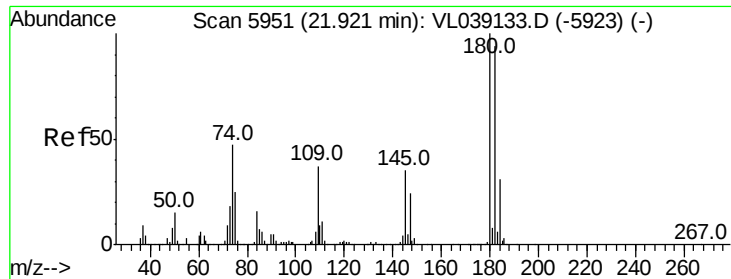


Abundance Ion 142.00 (141.70 to 142.70): V

Ion 141.00 (140.70 to 141.70): V

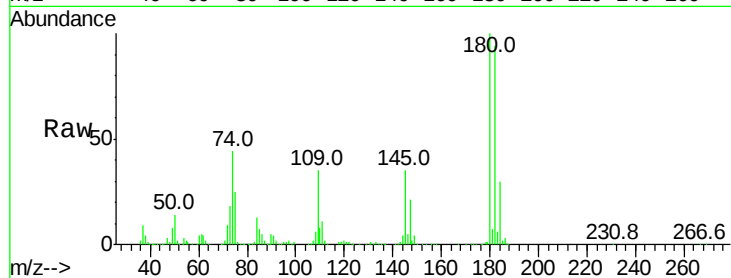
Ion 115.00 (114.70 to 115.70): V





#81
 1,2,4-Trichlorobenzene
 Concen: 7.88 ppbv
 RT: 21.92
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 ICVVL053122
 Acq: 31 May 2022 21:55

Tgt Ion:180 Resp: 2163710
 Ion Ratio Lower Upper
 180 100
 182 99.6 0.0 0.0#
 184 31.4 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

