

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

Instrument :
 MSVOA L
 ClientSampleId :
 VSTDCCC010

Quant Time: Jun 01 01:40:07 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL053122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 01 01:22:18 2022
 QLast Update : Wed Jun 01 01:22:18 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	13017	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	19066	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	7773	10.00	ppbv	0.00

System Monitoring Compounds

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

Target Compounds

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

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 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

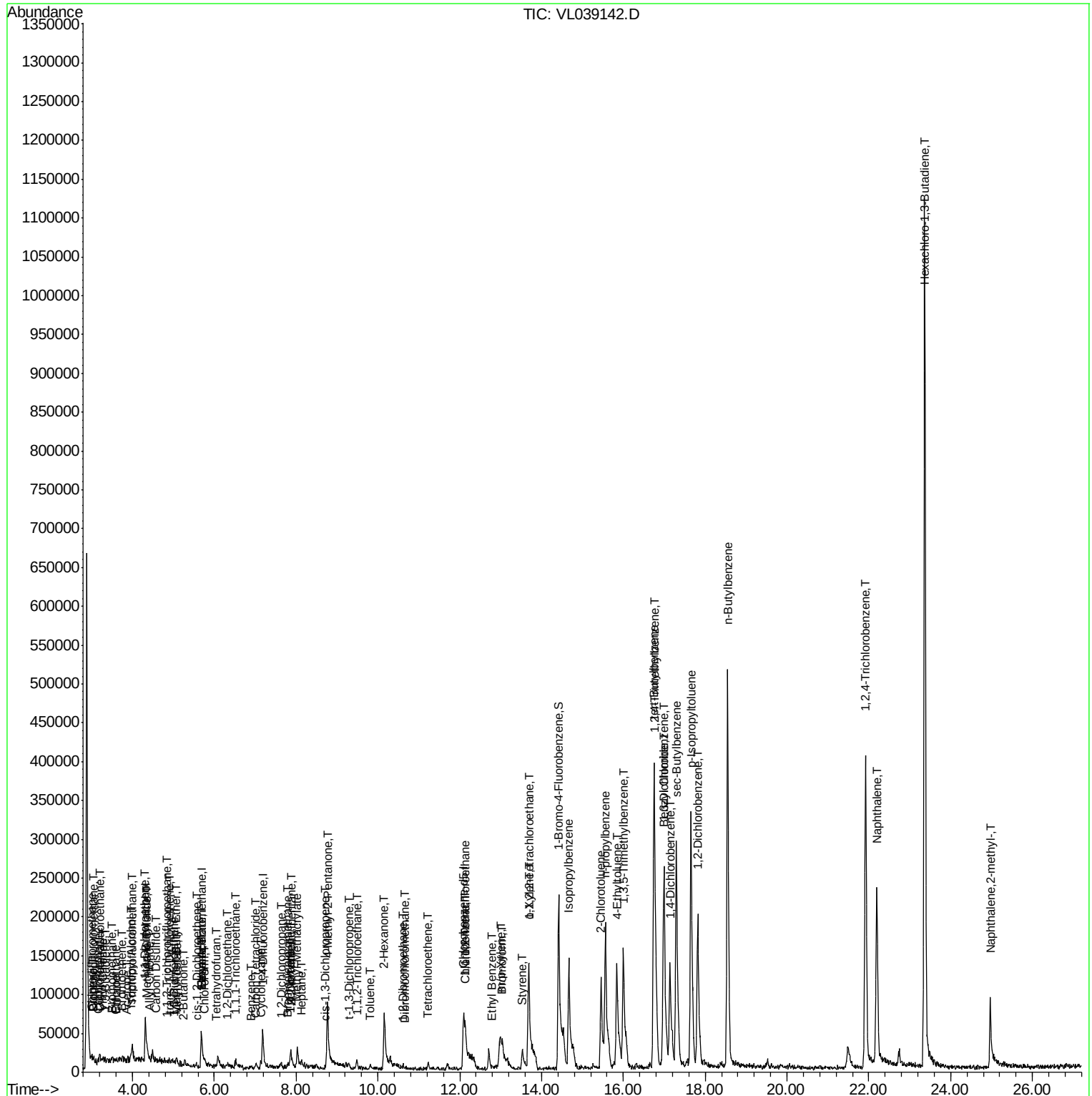
Quant Time: Jun 01 01:40:07 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL053122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 01 01:22:18 2022
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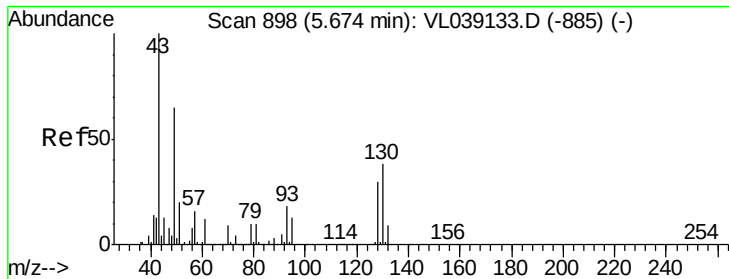
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
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45) t-1,3-Dichloropropene	9.29	75	593	0.944	ppbv		95
46) cis-1,3-Dichloropropene	8.71	75	1166	1.406	ppbv	#	41
47) 1,1,2-Trichloroethane	9.48	97	1406	2.189	ppbv	#	59
48) Dibromochloromethane	10.68	129	184	0.160	ppbv		72
49) Bromoform	13.05	173	2788	2.917	ppbv	#	26
50) 4-Methyl-2-Pentanone	8.76	43	62893	40.563	ppbv	#	68
51) 2-Hexanone	10.15	43	43213	35.818	ppbv	#	28
52) Tetrachloroethene	11.23	164	299	0.495	ppbv	#	50
53) Toluene	9.81	91	1403	0.787	ppbv	#	21
54) 1,2-Dibromoethane	10.59	107	168	0.195	ppbv		92
56) 1,1,1,2-Tetrachloroethane	12.12	131	7719	20.987	ppbv	#	8
57) Chlorobenzene	12.15	112	4441	7.593	ppbv	#	32
58) Ethyl Benzene	12.78	91	753	0.703	ppbv		91
59) m/p-Xylene	13.00	91	16679	17.690	ppbv	#	1
60) o-Xylene	13.69	91	8904	10.050	ppbv	#	1
61) Styrene	13.52	104	4596	9.687	ppbv	#	1
62) Isopropylbenzene	14.67	105	123202	93.561	ppbv		93
63) 1,1,2,2-Tetrachloroethane	13.68	83	61180	123.025	ppbv	#	88
64) n-propylbenzene	15.55	120	13771	42.542	ppbv	#	1
65) tert-Butylbenzene	16.75	119	177799	147.657	ppbv	#	58
66) Benzyl Chloride	16.98	91	7830	50.010	ppbv	#	54
67) sec-Butylbenzene	17.29	105	265147	161.383	ppbv		92
69) p-Isopropyltoluene	17.65	119	143135	103.261	ppbv	#	47
70) n-Butylbenzene	18.55	91	472742	332.264	ppbv		96
71) 2-Chlorotoluene	15.46	91	91140	90.761	ppbv		85
72) 4-Ethyltoluene	15.84	105	59326	57.134	ppbv	#	47
73) 1,3,5-Trimethylbenzene	16.00	105	80966	86.451	ppbv		98
74) 1,2,4-Trimethylbenzene	16.76	105	153904	147.254	ppbv		95
75) 1,3-Dichlorobenzene	17.00	146	27093	45.798	ppbv	#	1
76) 1,4-Dichlorobenzene	17.14	146	35731	60.537	ppbv	#	1
77) 1,2-Dichlorobenzene	17.81	146	47584	79.808	ppbv	#	1
78) Hexachloro-1,3-Butadiene	23.37	225	270794	496.673	ppbv		98
79) Naphthalene	22.19	128	162298	201.721	ppbv		97
80) Naphthalene, 2-methyl-	24.97	142	64683	216.389	ppbv		92
81) 1,2,4-Trichlorobenzene	21.92	180	88710	174.042	ppbv	#	100

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

```
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Operator  : SY/AP  
Sample    : VL0531ABS01  
Misc      : 400mL/MSVOA L  
ALS Vial  : 1 Sample Multiplier: 1
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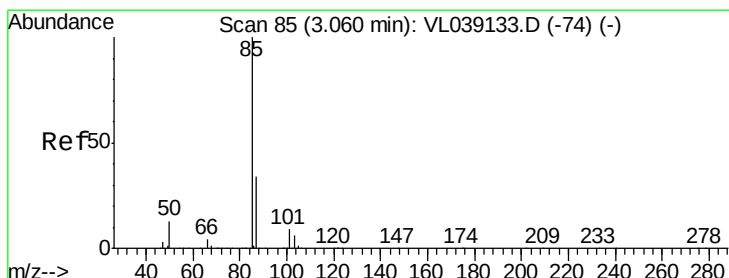
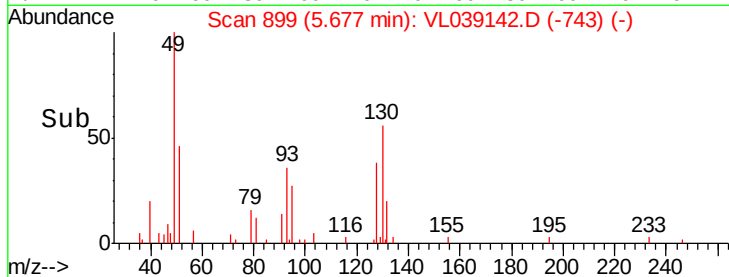
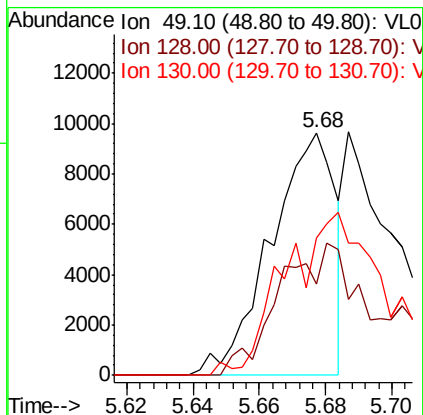
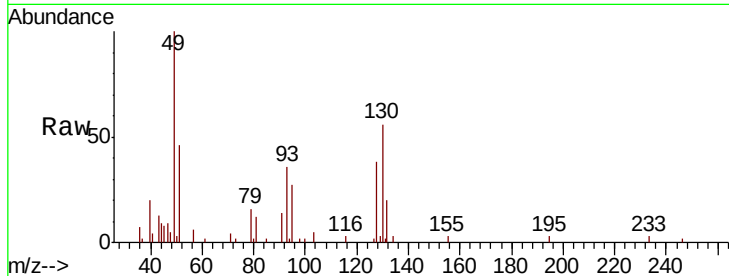
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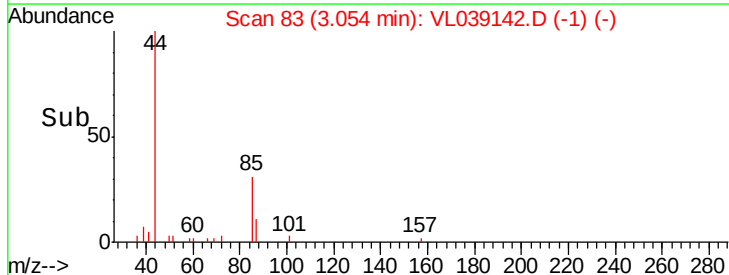
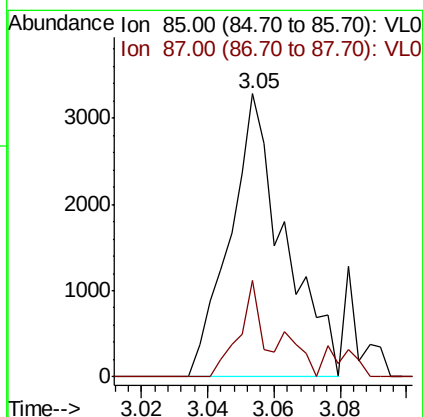
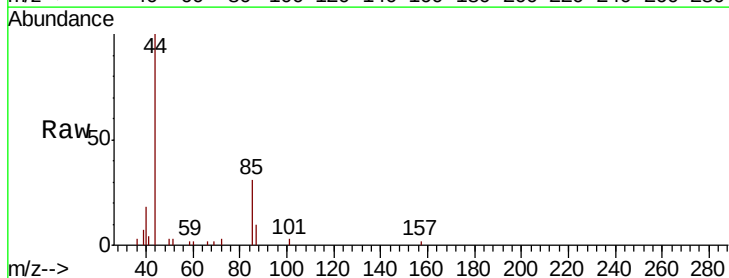
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 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.68
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDCCC010
 Acq: 1 Jun 2022 00:00

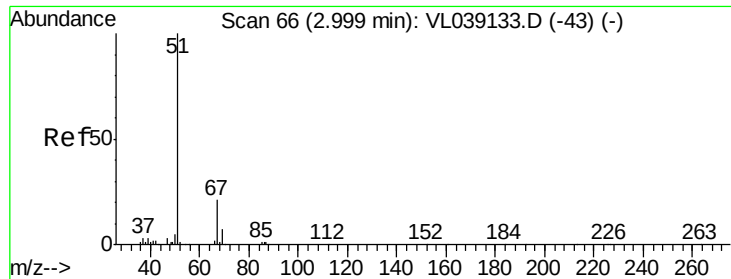
Tot Ion: 49 Resp: 13017
 Ion Ratio Lower Upper
 49 100
 128 0.0 24.7 74.1#
 130 0.0 31.4 94.0#



#2
 Dichlorodifluoromethane
 Concen: 1.632 ppbv
 RT: 3.05 min Scan# 83
 Delta R.T. -0.01 min
 Lab File: VL039142.D
 Acq: 1 Jun 2022 00:00

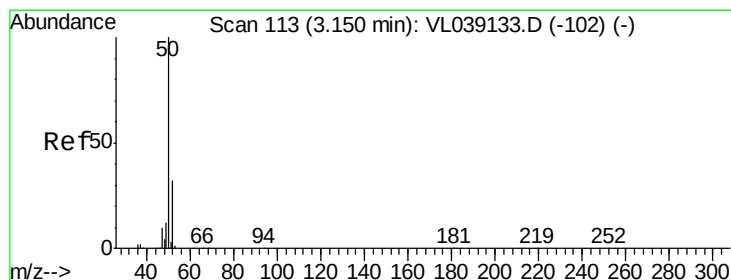
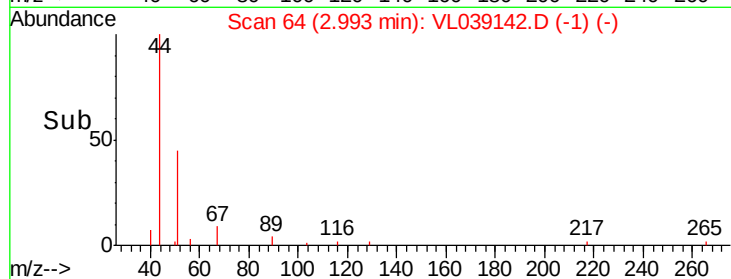
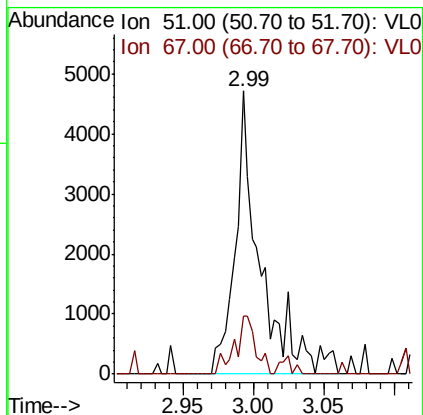
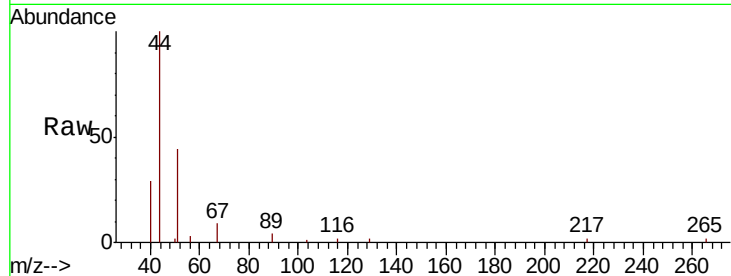
Tgt Ion: 85 Resp: 3732
 Ion Ratio Lower Upper
 85 100
 87 34.0 26.9 40.3





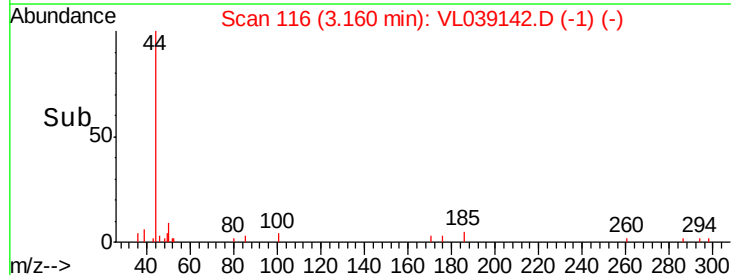
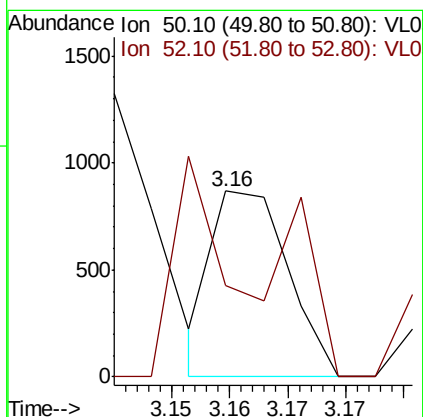
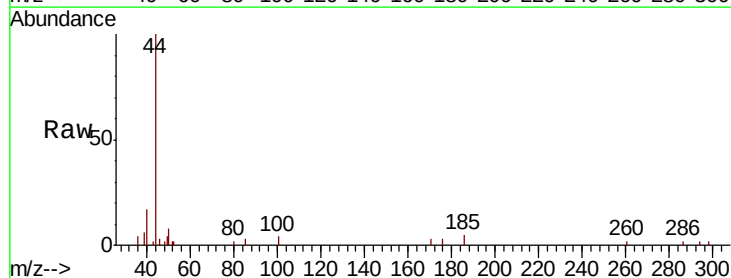
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Chlorodifluoromethane
Concen: 3.543 ppbv
RT: 2.99
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 1 Jun 2022 00:00

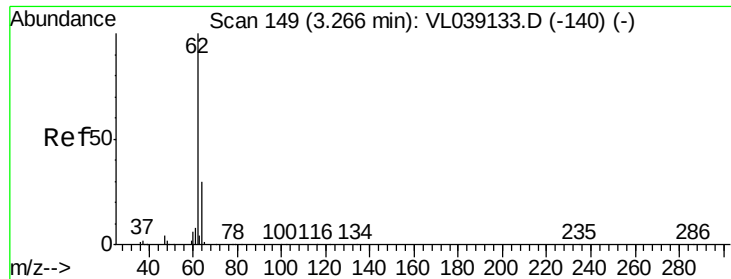
Tot Ion: 51 Resp: 5868
Ion Ratio Lower Upper
51 100
67 16.9 16.2 24.4



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

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





#5

Vinyl Chloride

Concen: 1.633 ppbv

RT: 3.27 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

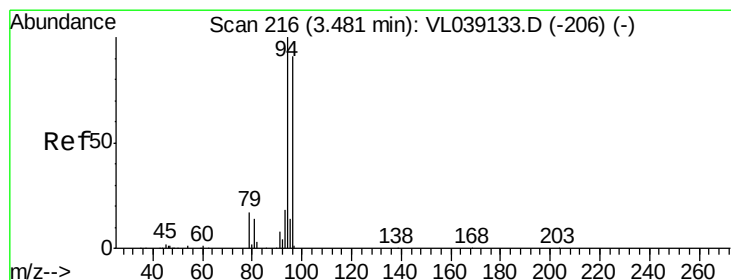
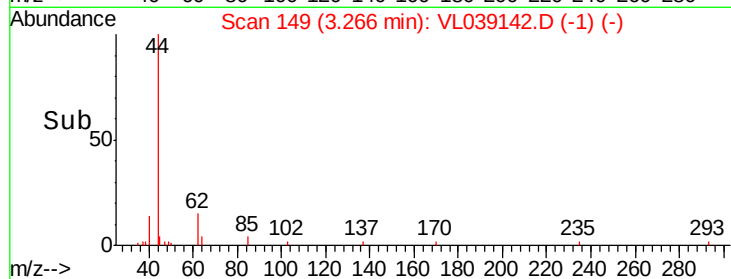
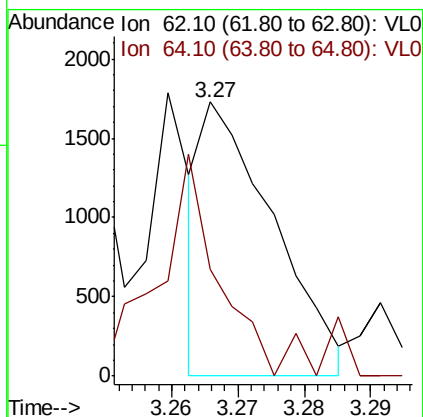
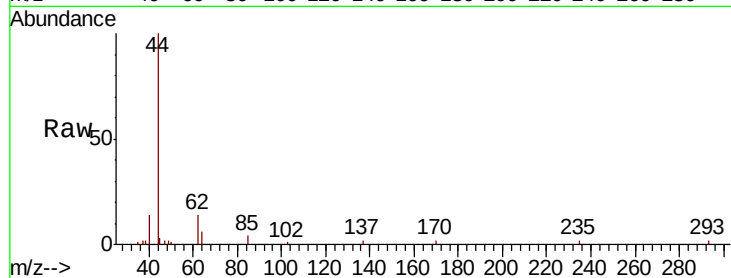
Acq: 1 Jun 2022 00:00

Tot Ion: 62 Resp: 1299

Ion Ratio Lower Upper

62 100

64 19.5 24.2 36.2#



#6

Bromomethane

Concen: 1.311 ppbv

RT: 3.49 min Scan# 218

Delta R.T. 0.01 min

Lab File: VL039142.D

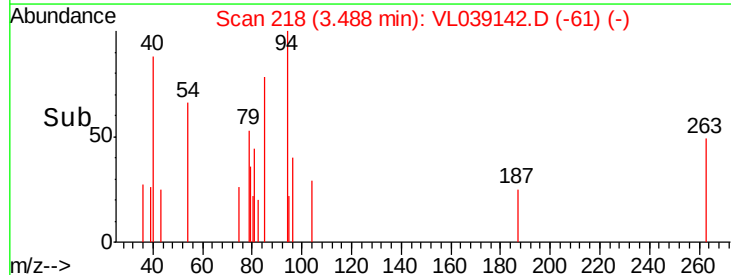
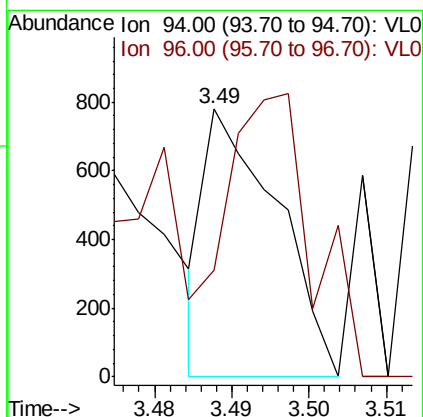
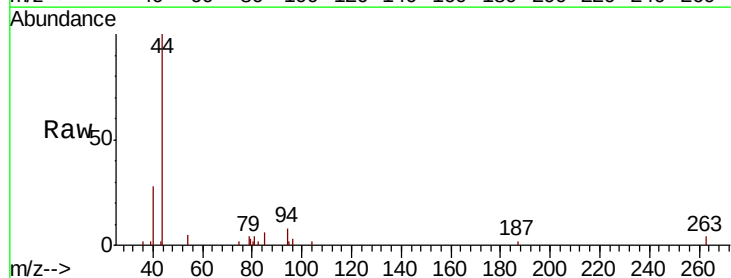
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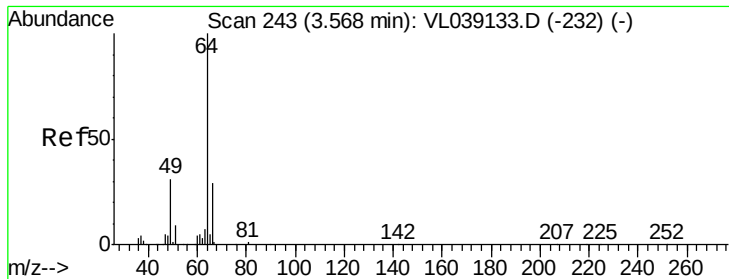
Tgt Ion: 94 Resp: 513

Ion Ratio Lower Upper

94 100

96 11.1 73.0 109.4#





#7

Chloroethane

Concen: 3.316 ppbv

RT: 3.56 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDCCC010

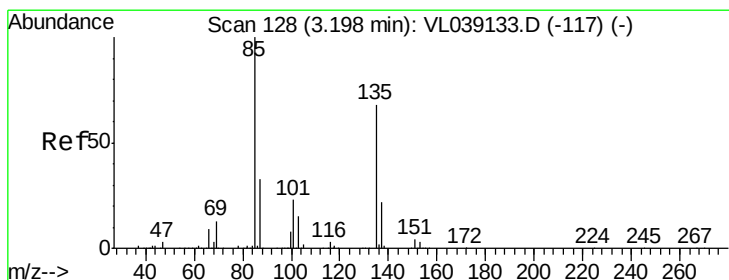
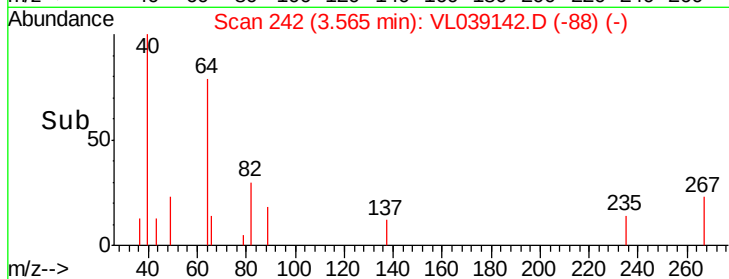
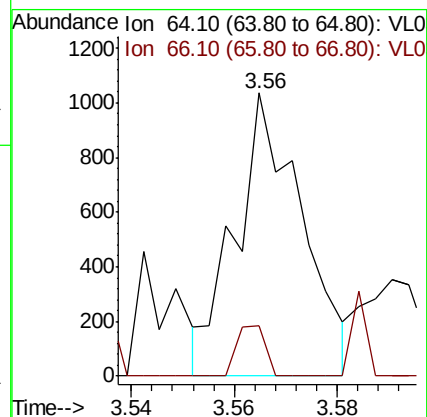
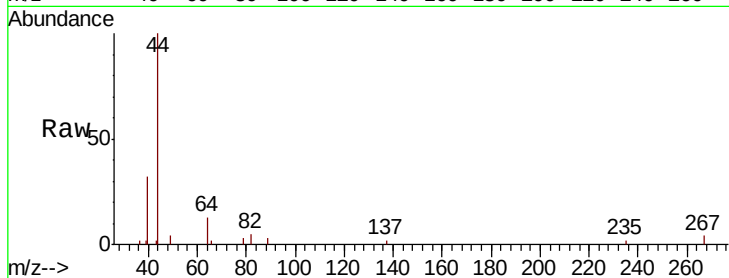
Acq: 1 Jun 2022 00:00

Tot Ion: 64 Resp: 919

Ion Ratio Lower Upper

64 100

66 17.9 23.6 35.4#



#8

Dichlorotetrafluoroethane

Concen: 0.363 ppbv

RT: 3.21 min Scan# 131

Delta R.T. 0.01 min

Lab File: VL039142.D

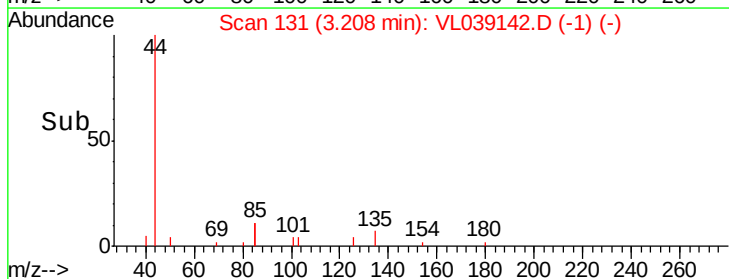
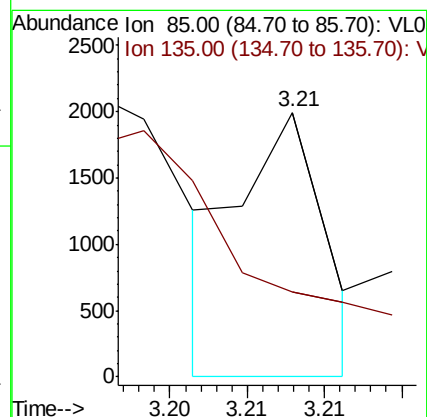
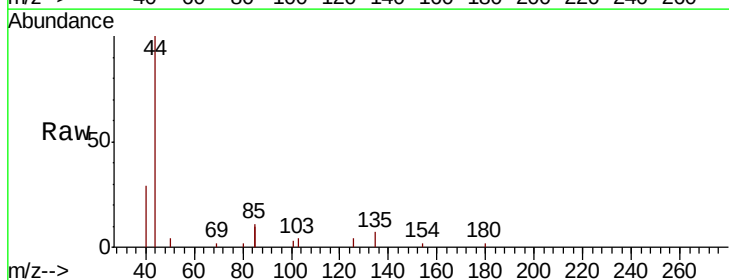
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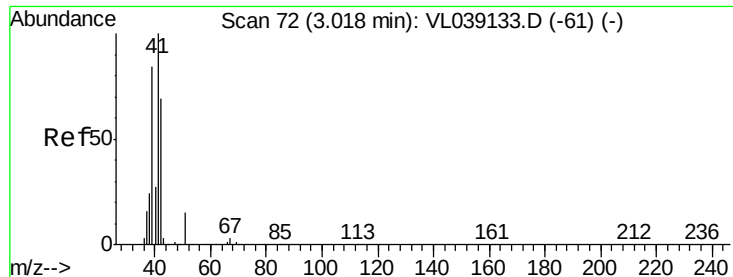
Tgt Ion: 85 Resp: 759

Ion Ratio Lower Upper

85 100

135 0.0 55.0 82.4#





#9

Propene

Concen: 1.865 ppbv

RT: 3.02 Instrument: MSVOA_1

Delta R.T. 0.01

Lab File: ClientSampleId: VSTDCCC010

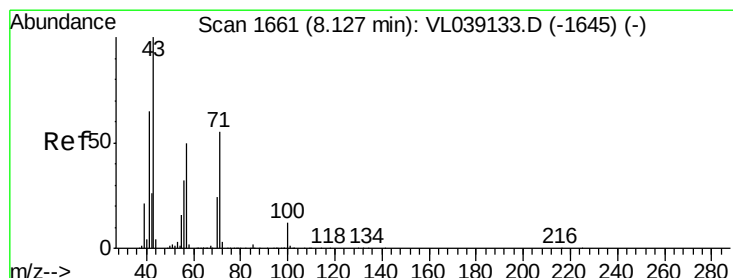
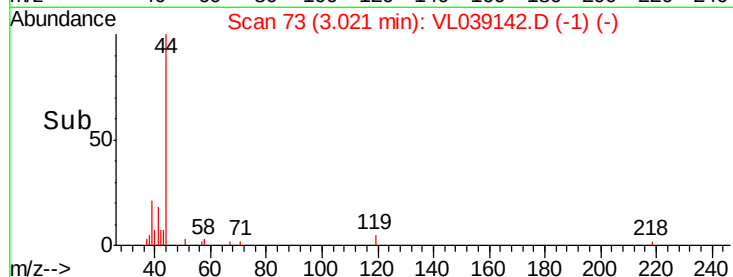
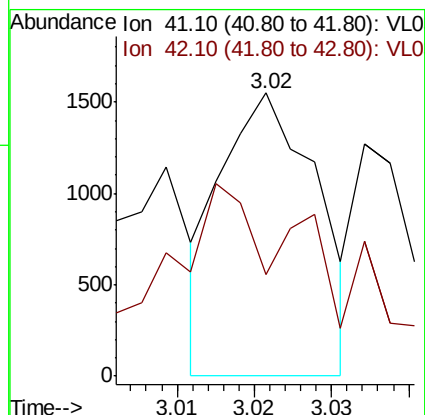
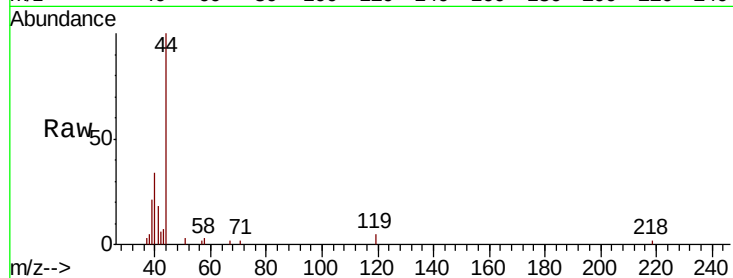
Acq: 1 Jun 2022 00:00

Tot Ion: 41 Resp: 1347

Ion Ratio Lower Upper

41 100

42 127.7 55.4 83.2#



#10

Heptane

Concen: 0.870 ppbv

RT: 8.13 min Scan# 1663

Delta R.T. 0.01 min

Lab File: VL039142.D

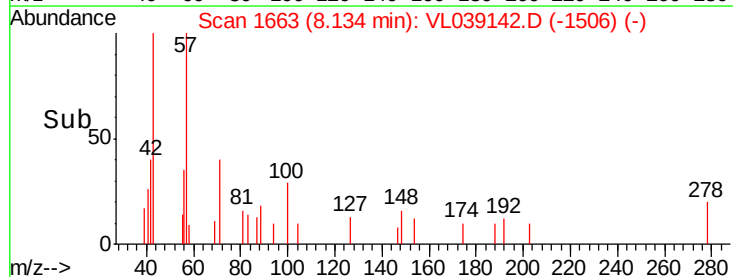
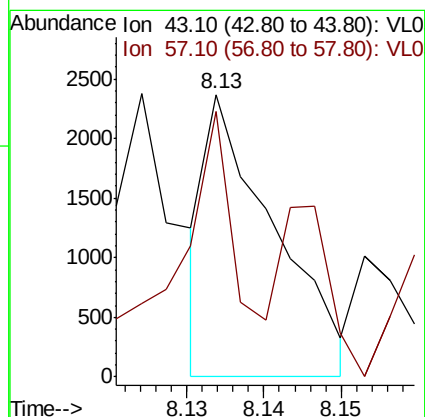
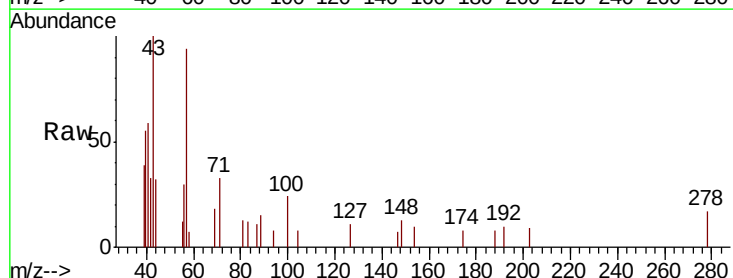
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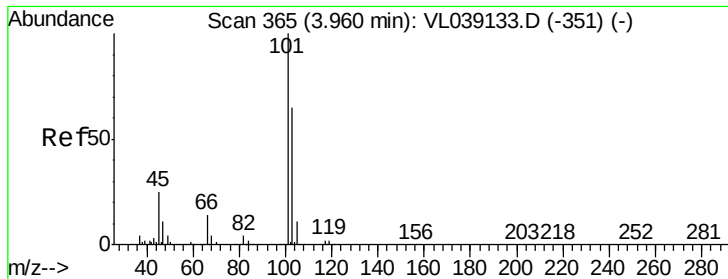
Tgt Ion: 43 Resp: 1465

Ion Ratio Lower Upper

43 100

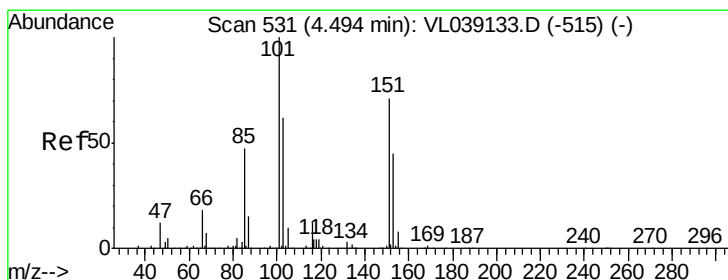
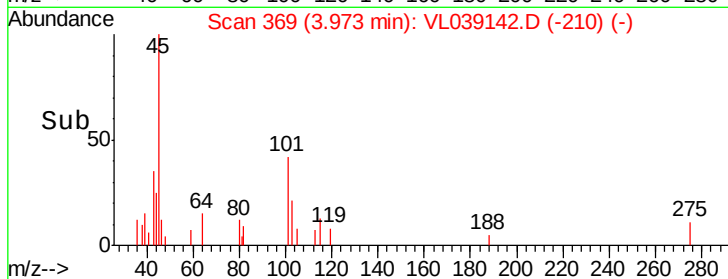
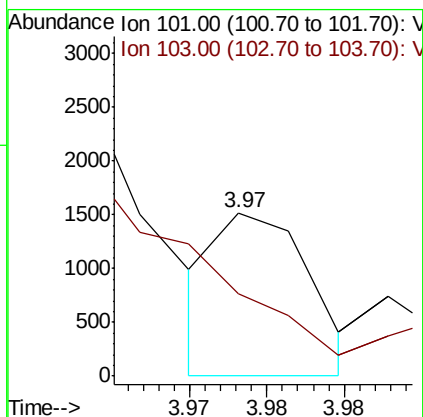
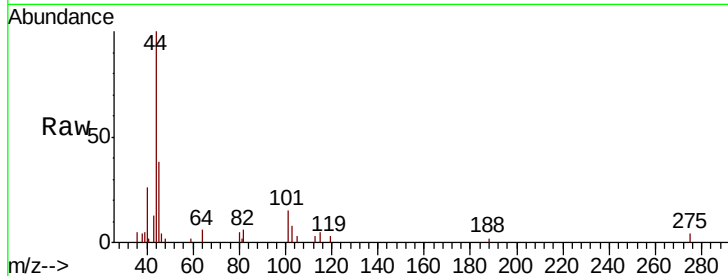
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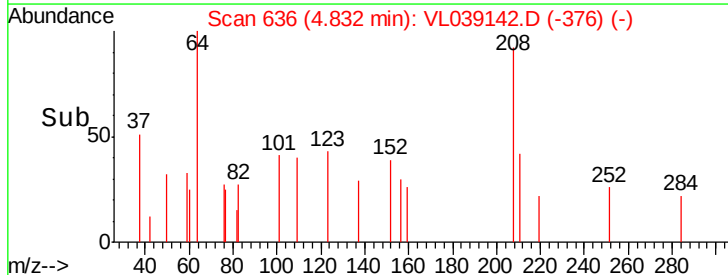
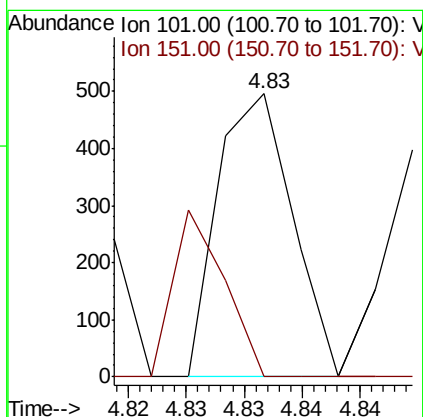
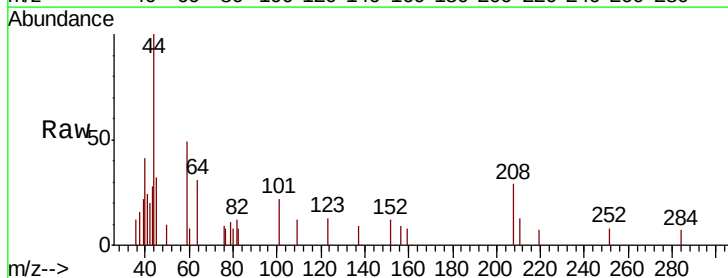
#11
 Trichlorofluoromethane
 Concen: 0.306 ppbv
 RT: 3.97
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 1 Jun 2022 00:00

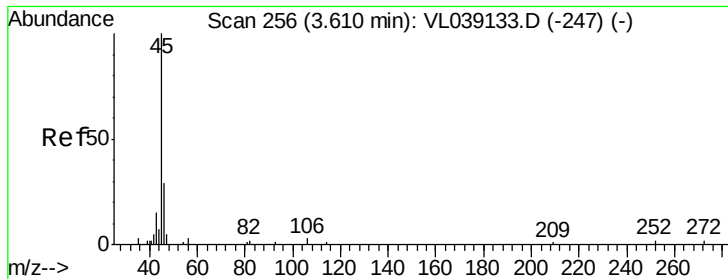
Tot Ion:101 Resp: 633
 Ion Ratio Lower Upper
 101 100
 103 51.9 51.7 77.5



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

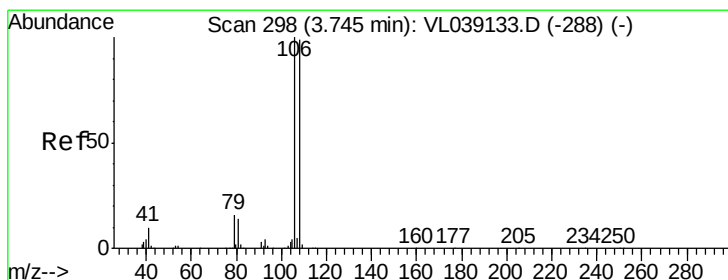
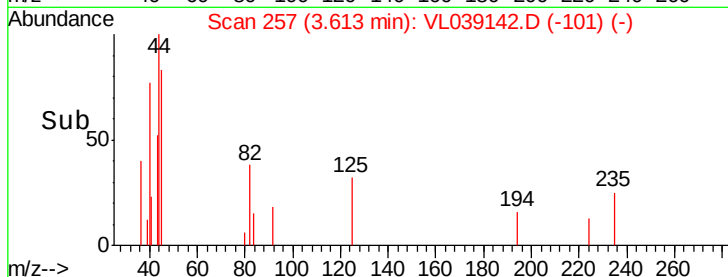
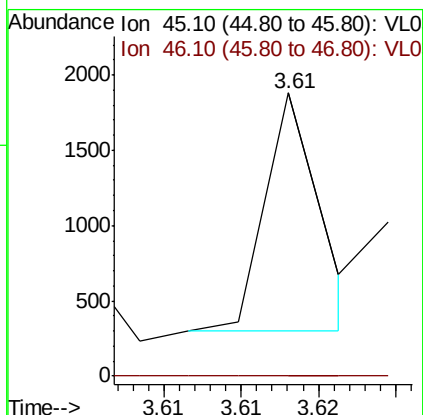
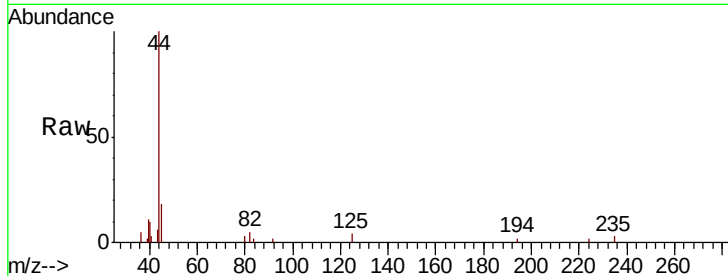
Tgt Ion:101 Resp: 220
 Ion Ratio Lower Upper
 101 100
 151 79.1 59.4 89.0





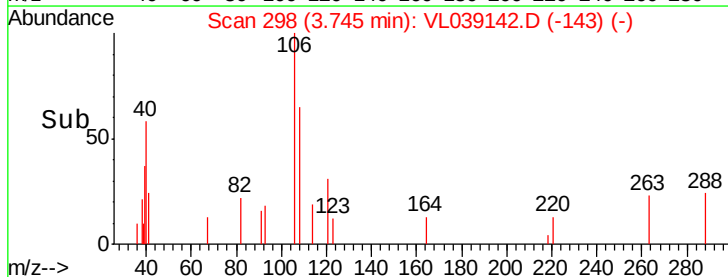
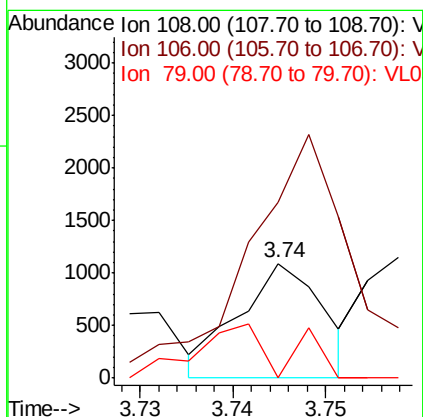
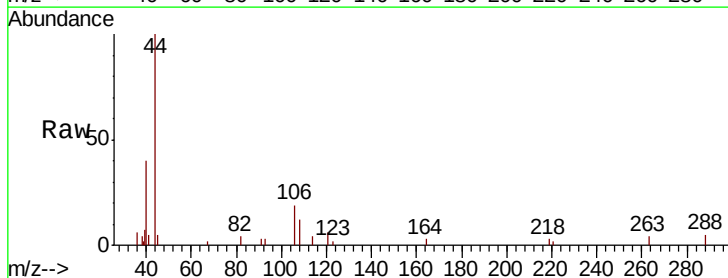
#13
Ethanol
Concen: 9.877 ppbv
RT: 3.61
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 1 Jun 2022 00:00

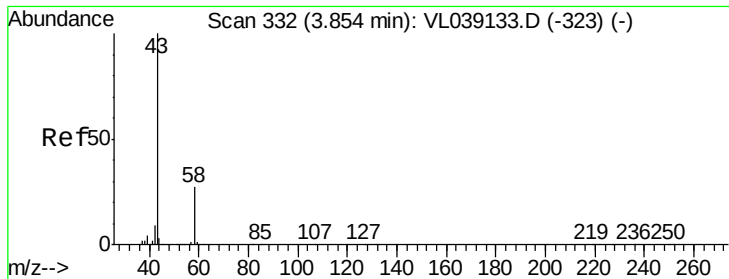
Tot Ion: 45 Resp: 389
Ion Ratio Lower Upper
45 100
46 0.0 0.0 0.0



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

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





#15

Acetone

Concen: 0.145 ppbv

RT: 3.84 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

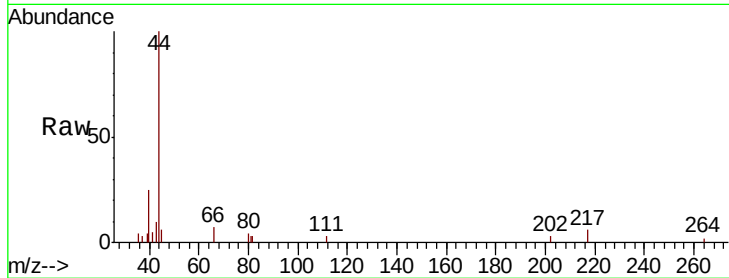
Acq: 1 Jun 2022 00:00 VSTDCCC010

Tot Ion: 43 Resp: 197

Ion Ratio Lower Upper

43 100

58 0.0 22.5 33.7#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

3.84

800

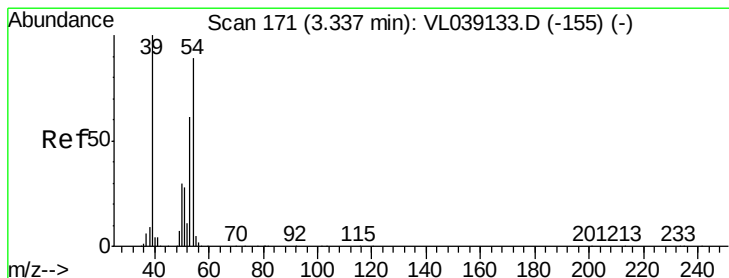
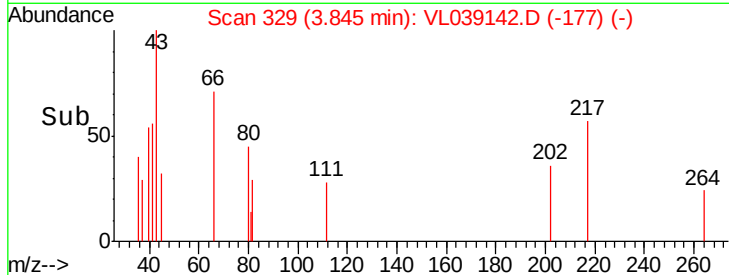
600

400

200

0

Time-->



#16

1,3-Butadiene

Concen: 0.648 ppbv

RT: 3.34 min Scan# 172

Delta R.T. 0.00 min

Lab File: VL039142.D

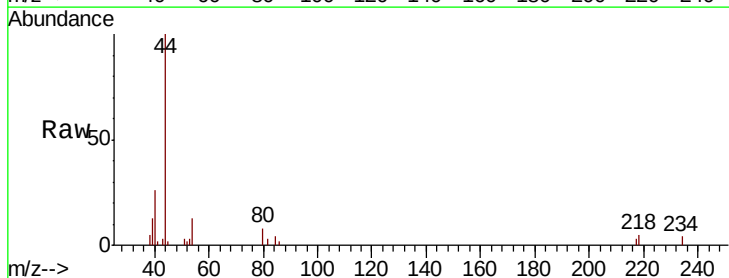
Acq: 1 Jun 2022 00:00

Tgt Ion: 39 Resp: 472

Ion Ratio Lower Upper

39 100

54 0.0 65.8 98.6#



Abundance Ion 39.10 (38.80 to 39.80): VL0

Ion 54.10 (53.80 to 54.80): VL0

2000

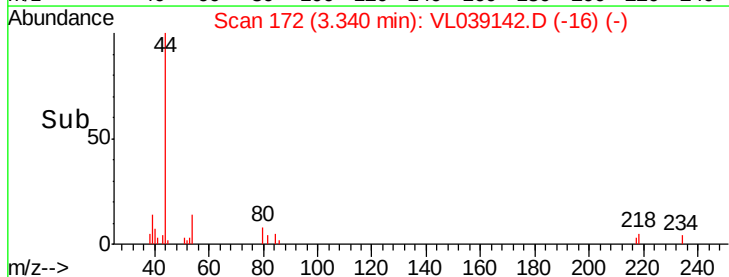
1500

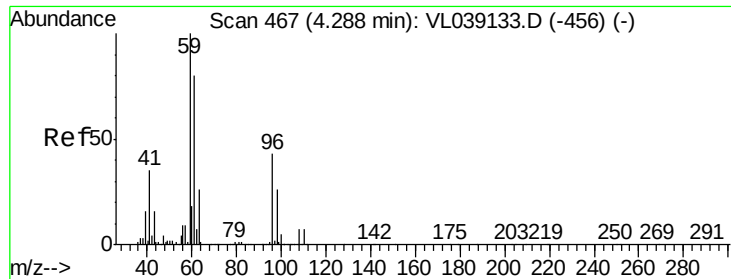
1000

500

0

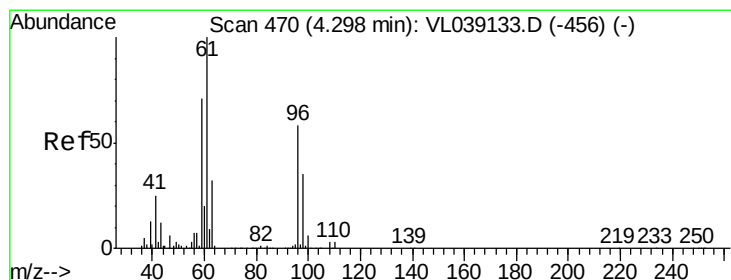
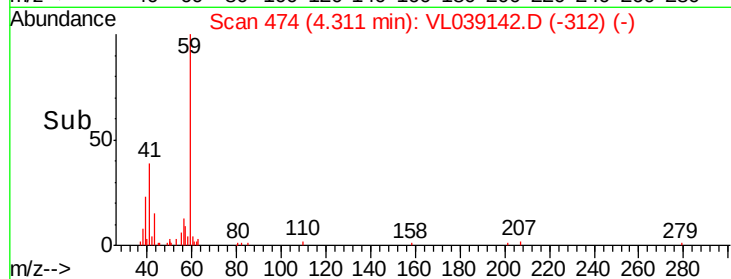
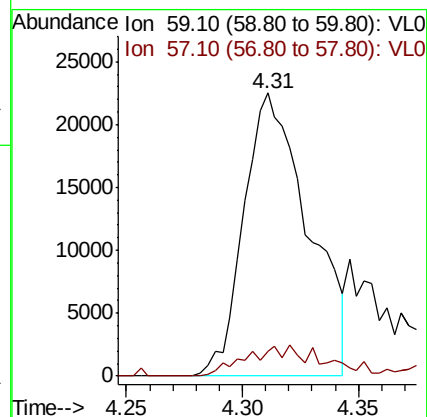
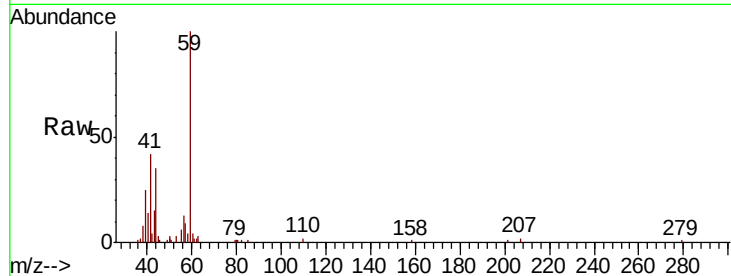
Time-->





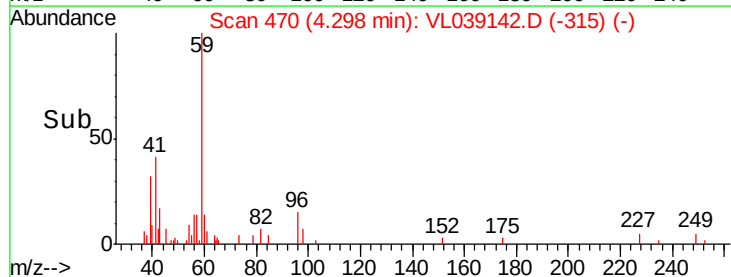
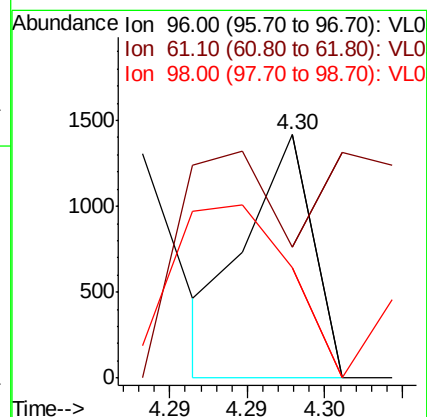
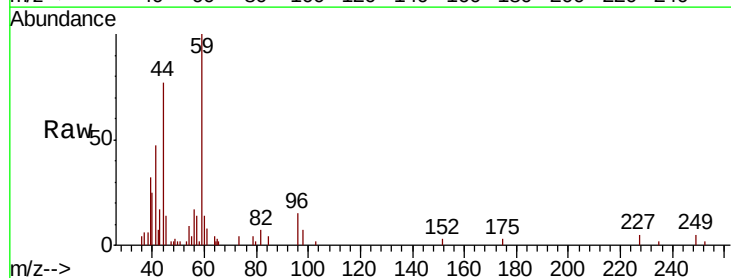
#17
 tert-Butyl alcohol
 Concen: 41.365 ppbv
 RT: 4.31
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 1 Jun 2022 00:00

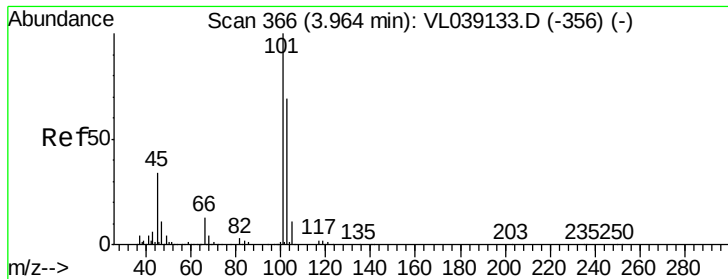
Tot Ion: 59 Resp: 43506
 Ion Ratio Lower Upper
 59 100
 57 12.8 9.1 13.7



#18
 1,1-Dichloroethene
 Concen: 0.674 ppbv
 RT: 4.30 min Scan# 470
 Delta R.T. -0.00 min
 Lab File: VL039142.D
 Acq: 1 Jun 2022 00:00

Tgt Ion: 96 Resp: 414
 Ion Ratio Lower Upper
 96 100
 61 0.0 138.4 207.6#
 98 45.3 47.8 71.8#





#19

Isopropyl Alcohol

Concen: 0.316 ppbv

RT: 3.96 Instrument: MSVOA_1

Delta R.T. 0.00

Lab File: ClientSampleId: VSTDCCC010

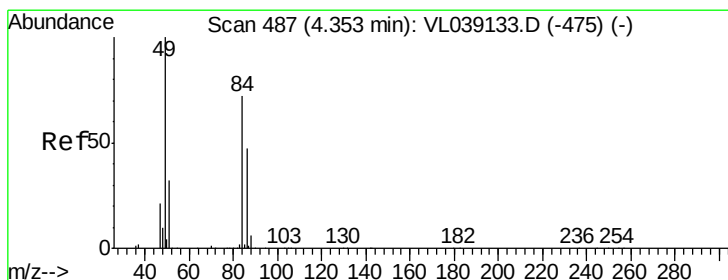
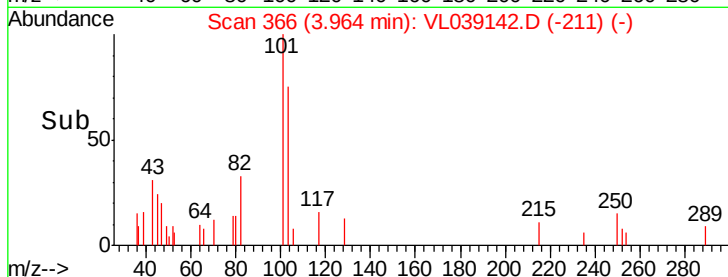
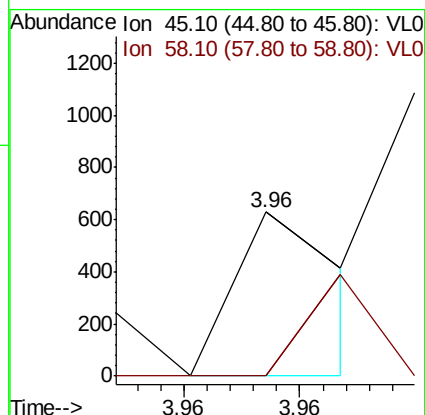
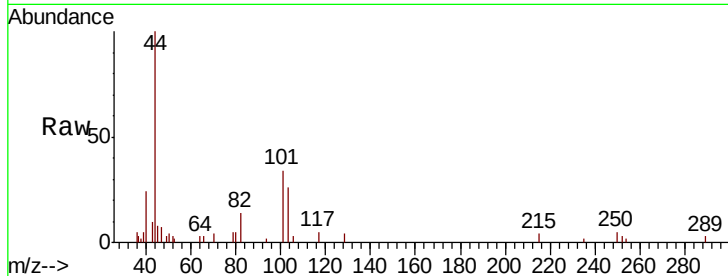
Acq: 1 Jun 2022 00:00

Tot Ion: 45 Resp: 201

Ion Ratio Lower Upper

45 100

58 0.0 1.8 2.8#



#20

Methylene Chloride

Concen: 1.516 ppbv

RT: 4.36 min Scan# 488

Delta R.T. 0.00 min

Lab File: VL039142.D

Acq: 1 Jun 2022 00:00

Tgt Ion: 84 Resp: 866

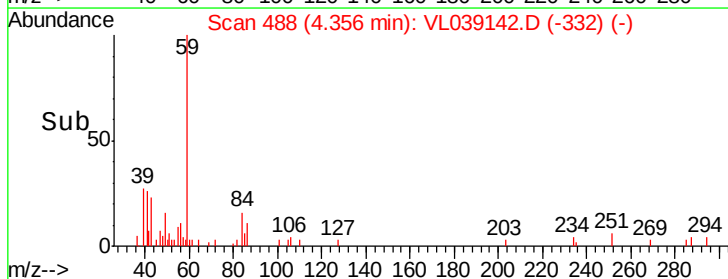
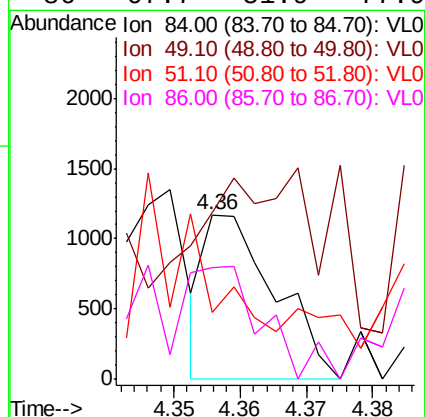
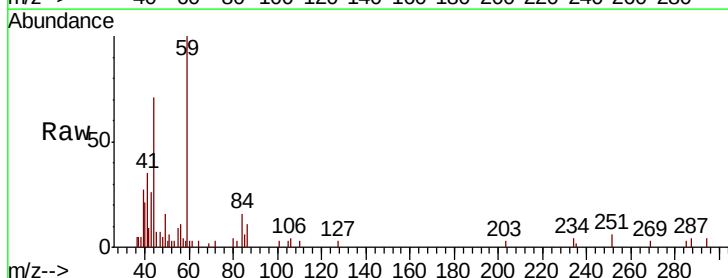
Ion Ratio Lower Upper

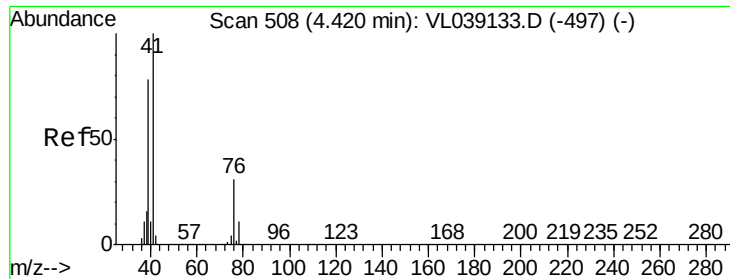
84 100

49 20.3 111.1 166.7#

51 0.0 35.3 52.9#

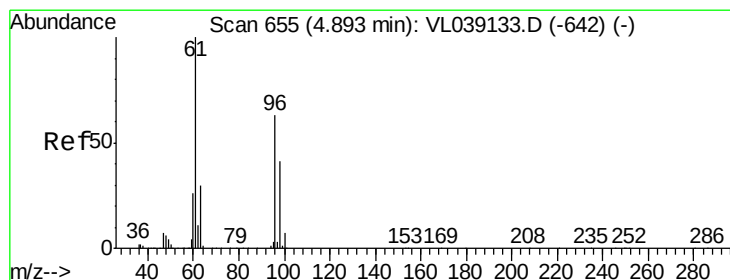
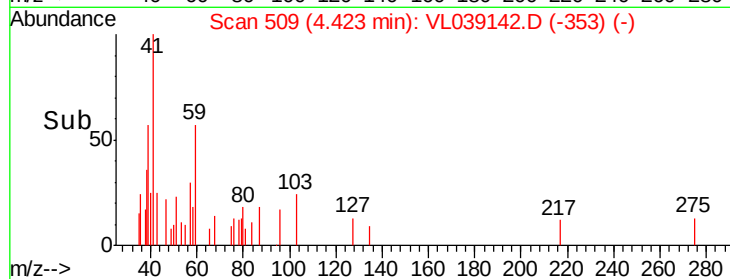
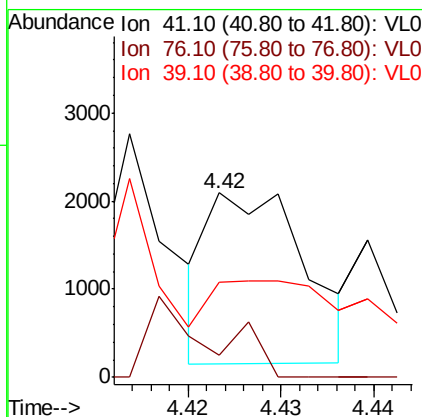
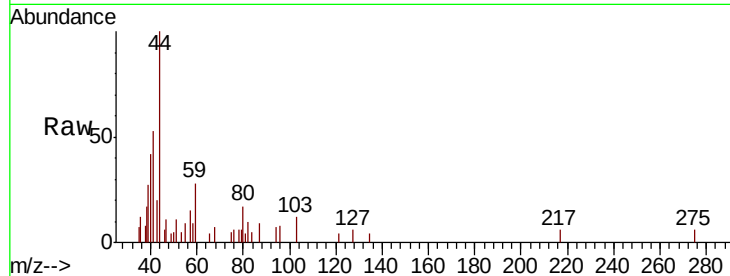
86 67.7 51.9 77.9





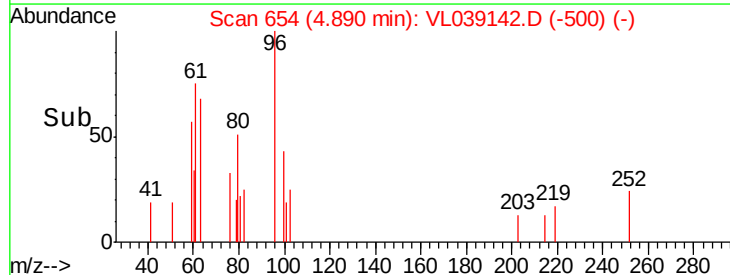
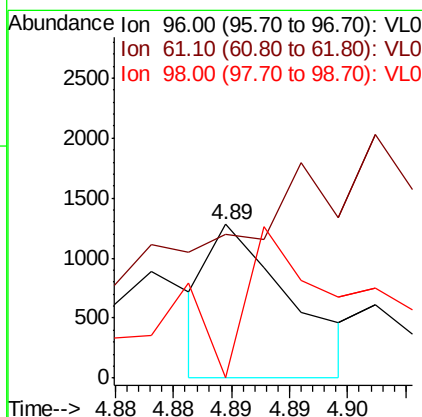
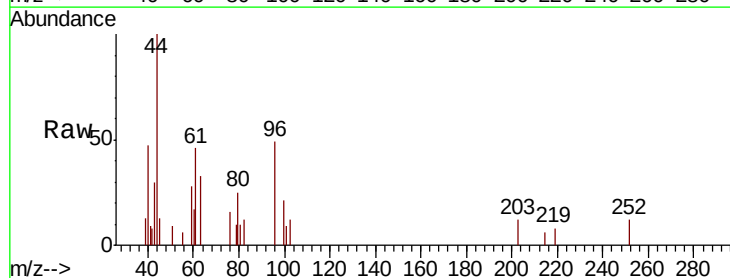
#21
 Allvl Chloride
 Concen: 1.544 ppbv
 RT: 4.42
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 1 Jun 2022 00:00

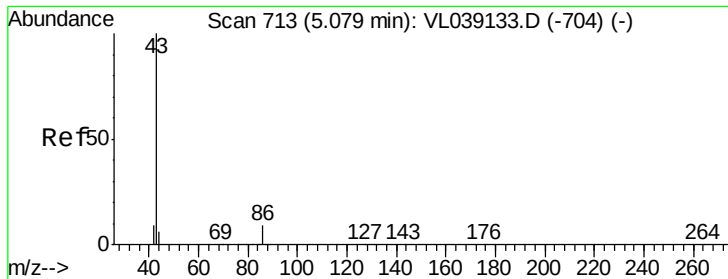
Tot Ion	41	Resp	1412
Ion Ratio	100		
Lower	24.2		
Upper	36.2#		
76	0.0		
39	0.0		
	62.2		93.2#



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

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





#23

Vinyl Acetate

Concen: 0.518 ppbv

RT: 5.08 Instrument: MSVOA_1

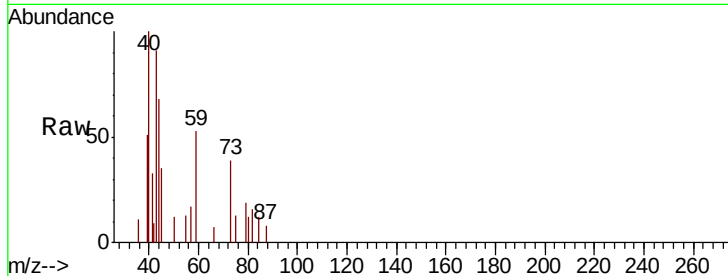
Delta R.T. 0.00

Lab File: ClientSampleId: VSTDCCC010

Acq: 1 Jun 2022 00:00

Tot Ion: 43 Resp: 581

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

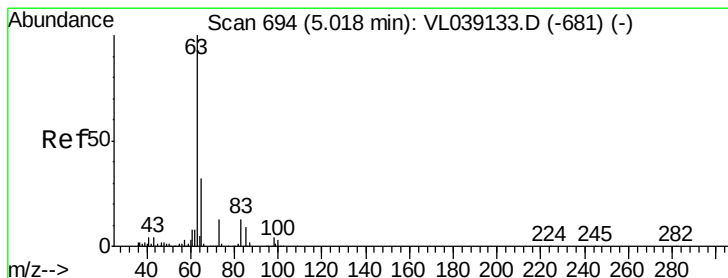
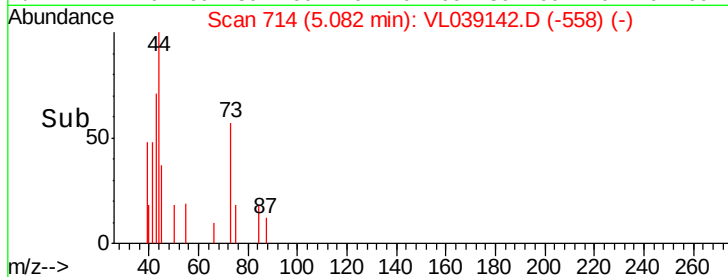
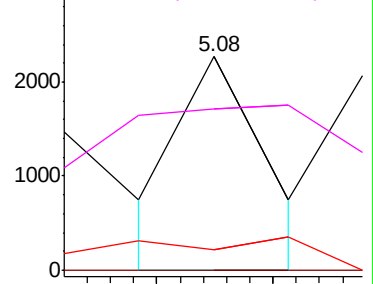


Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 86.10 (85.80 to 86.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

Ion 44.10 (43.80 to 44.80): VL0



#24

1,1-Dichloroethane

Concen: 0.297 ppbv

RT: 5.02 min Scan# 695

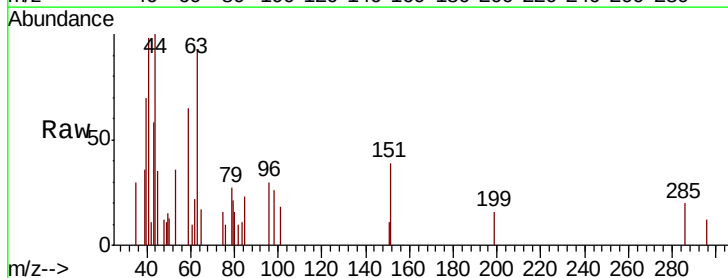
Delta R.T. 0.00 min

Lab File: VL039142.D

Acq: 1 Jun 2022 00:00

Tgt Ion: 63 Resp: 456

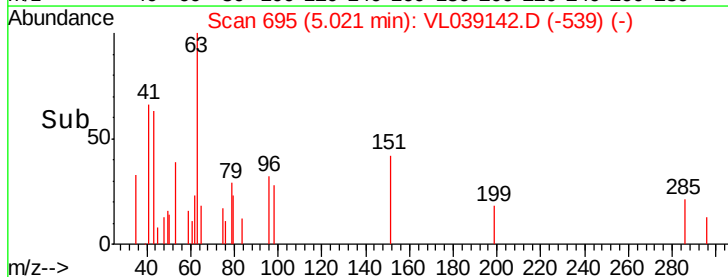
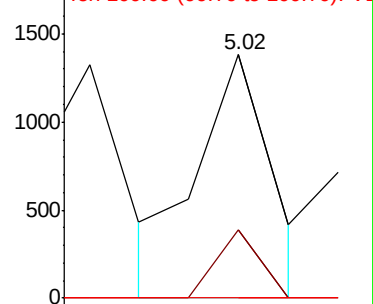
Ion	Ratio	Lower	Upper
63	100		
98	40.2	2.1	6.2#
100	0.0	1.5	4.5#

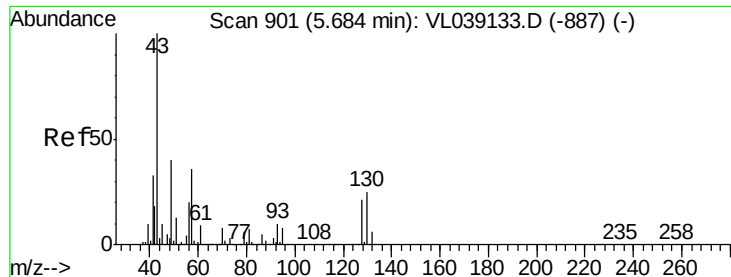


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

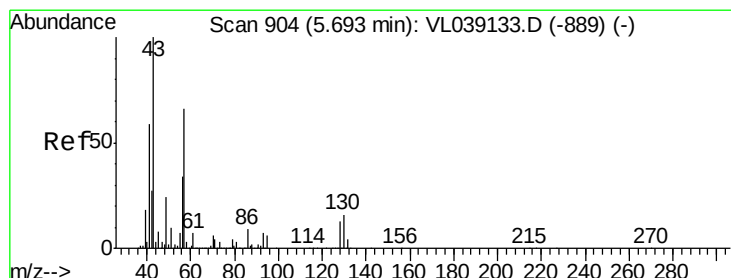
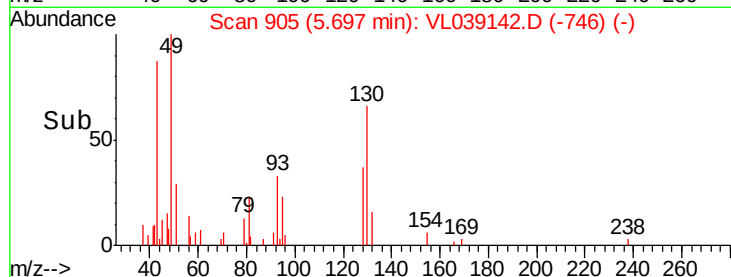
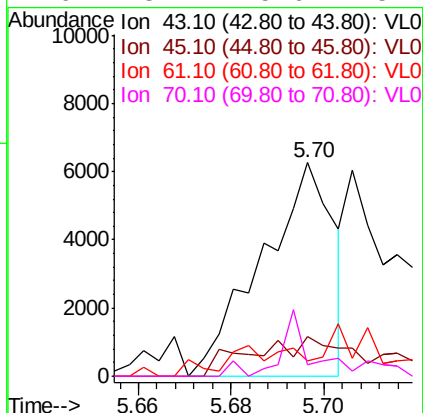
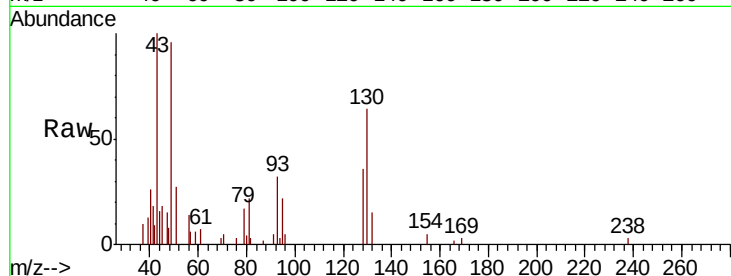
Ion 100.00 (99.70 to 100.70): VL0





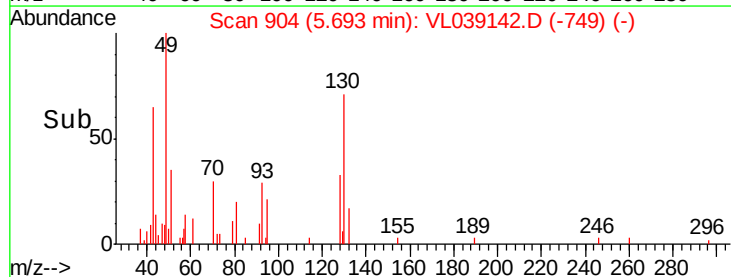
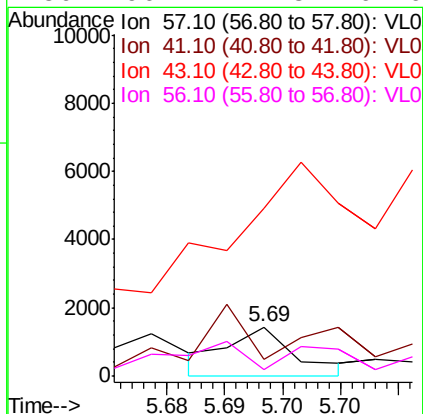
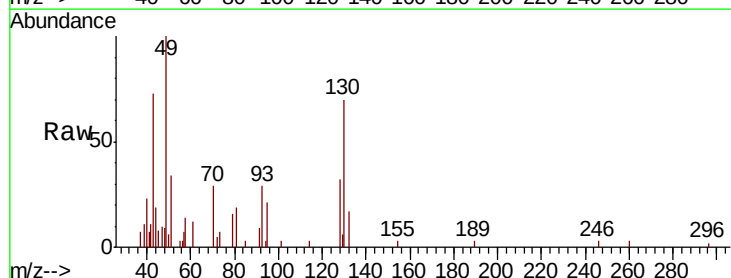
#25
Ethyl Acetate
Concen: 2.202 ppbv
RT: 5.70
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
VSTDCCC010
Acq: 1 Jun 2022 00:00

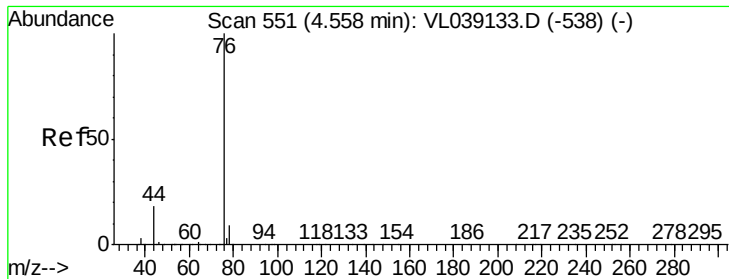
Tot Ion:	43	Resp:	6731
Ion	Ratio	Lower	Upper
43	100		
45	38.2	8.2	12.2#
61	0.0	8.4	12.6#
70	18.1	5.6	8.4#



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

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





#27

Carbon Disulfide

Concen: 0.907 ppbv

RT: 4.56 Instrument:

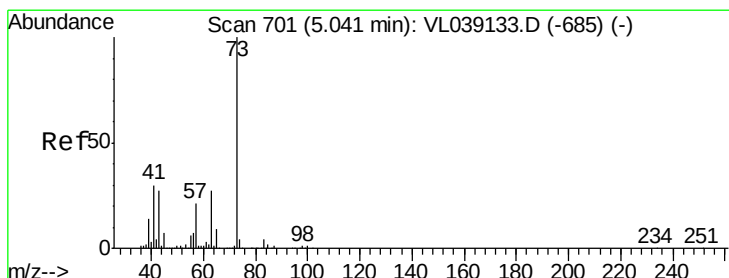
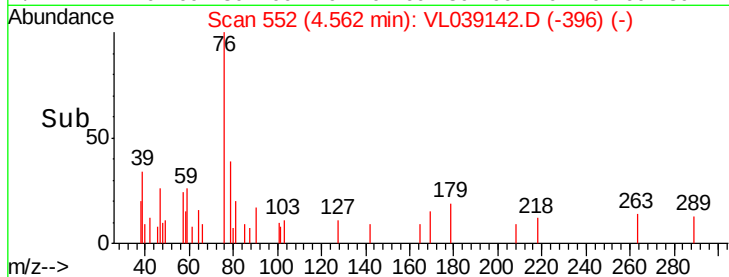
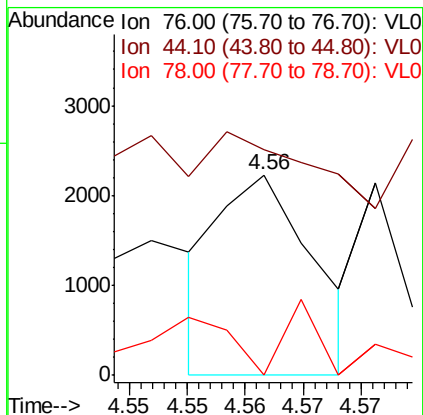
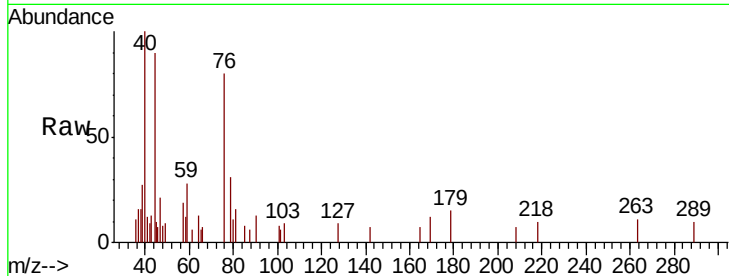
Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 1 Jun 2022 00:00 VSTDCCC010

Tot Ion: 76 Resp: 1262

Ion	Ratio	Lower	Upper
76	100		
44	247.2	14.4	21.6#
78	55.7	7.7	11.5#



#28

Methyl tert-Butyl Ether

Concen: 0.560 ppbv

RT: 5.05 min Scan# 703

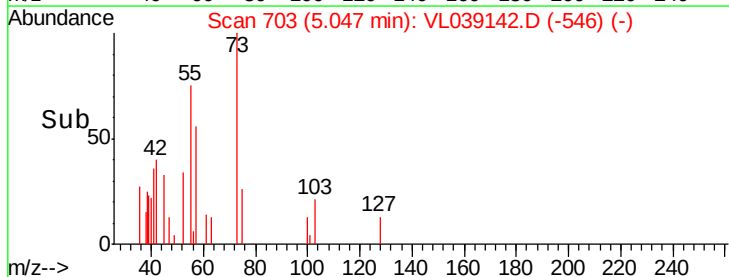
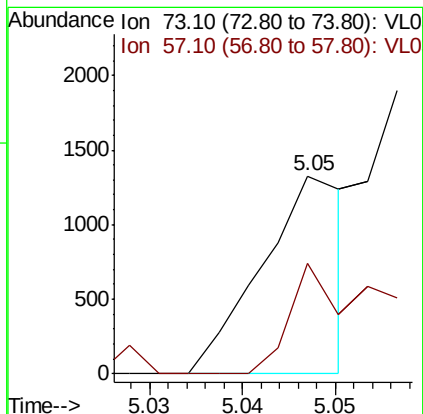
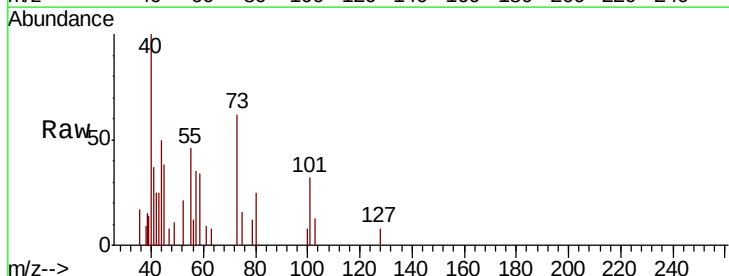
Delta R.T. 0.01 min

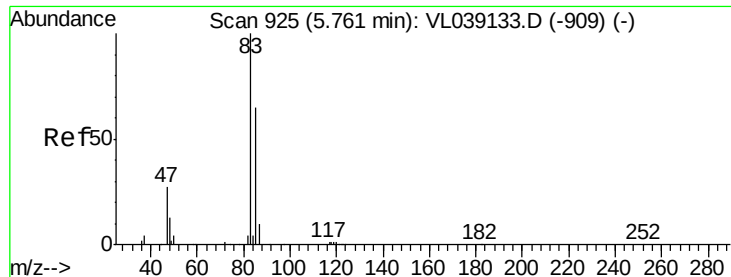
Lab File: VL039142.D

Acq: 1 Jun 2022 00:00

Tgt Ion: 73 Resp: 830

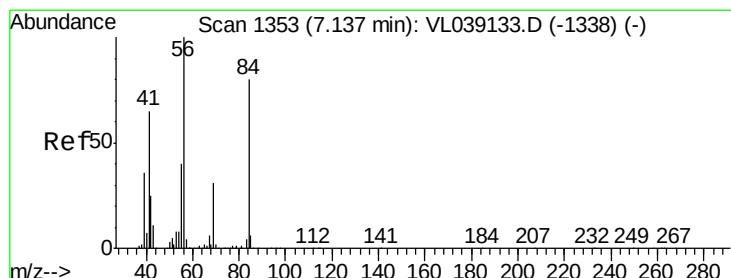
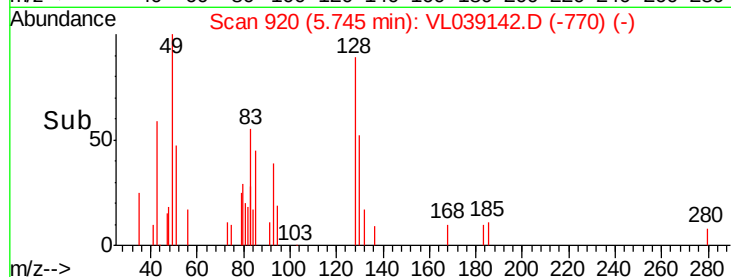
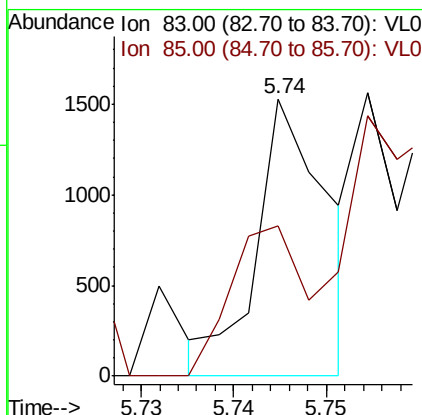
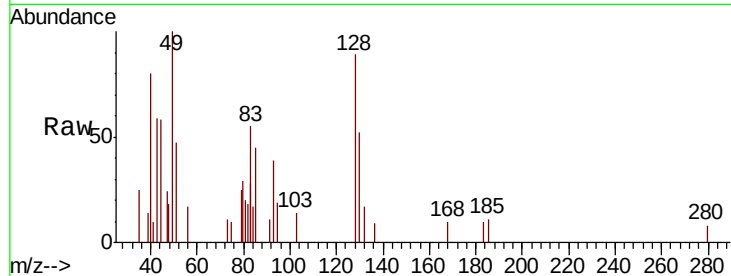
Ion	Ratio	Lower	Upper
73	100		
57	37.1	18.6	27.8#





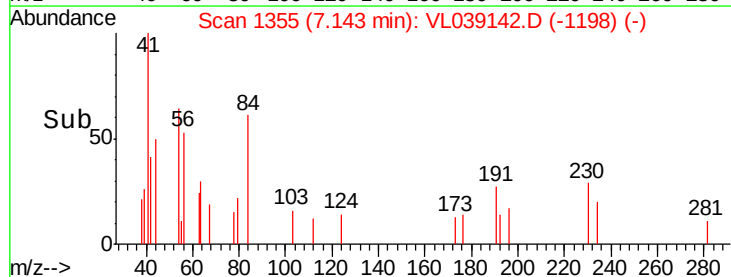
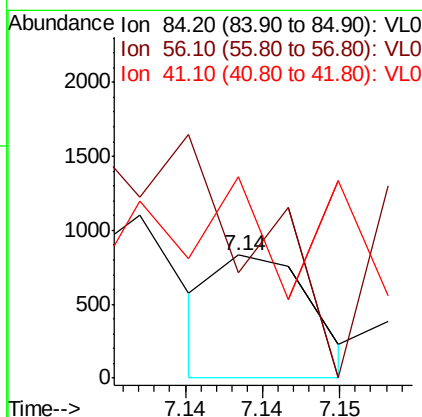
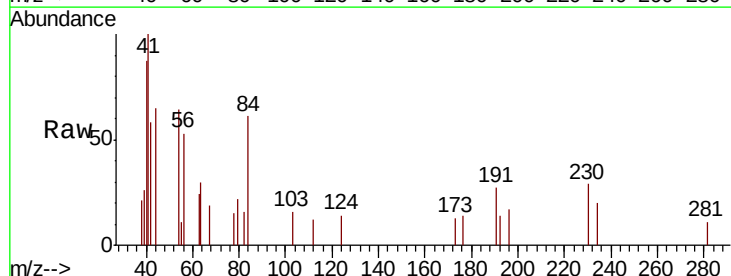
#29
Chloroform
Concen: 0.356 ppbv
RT: 5.74
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 1 Jun 2022 00:00

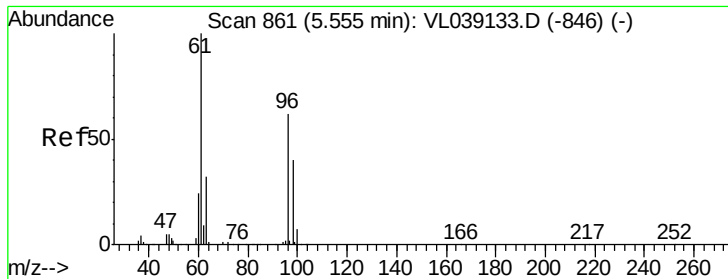
Tot Ion: 83 Resp: 804
Ion Ratio Lower Upper
83 100
85 62.1 52.4 78.6



#30
Cyclohexane
Concen: 0.310 ppbv
RT: 7.14 min Scan# 1355
Delta R.T. 0.01 min
Lab File: VL039142.D
Acq: 1 Jun 2022 00:00

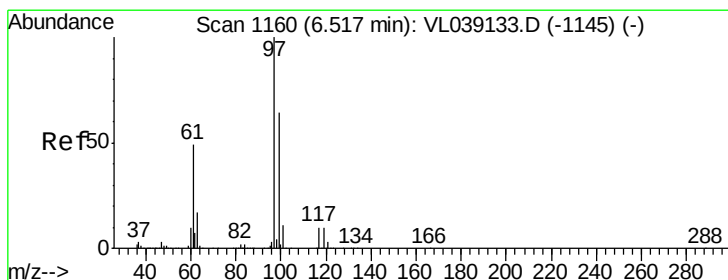
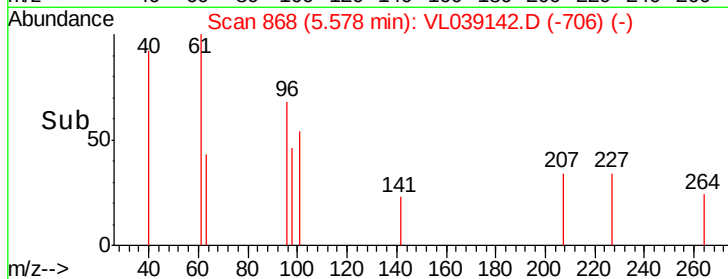
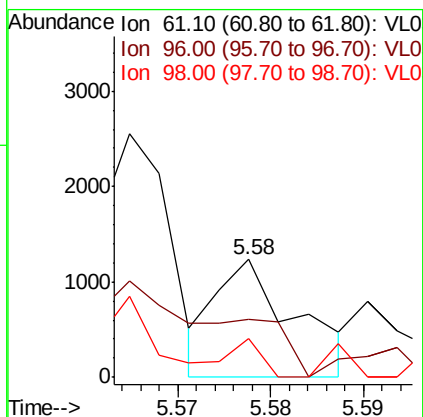
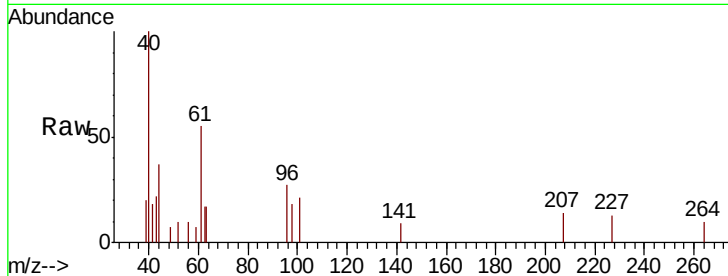
Tgt Ion: 84 Resp: 350
Ion Ratio Lower Upper
84 100
56 0.0 110.6 165.8#
41 0.0 68.9 103.3#





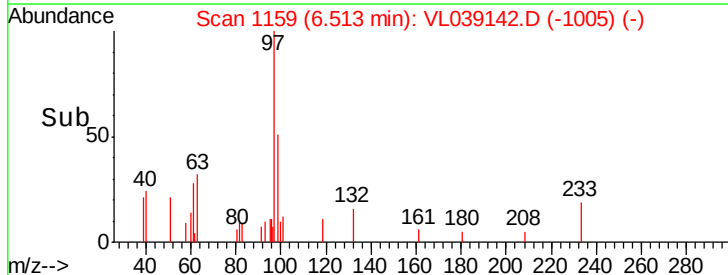
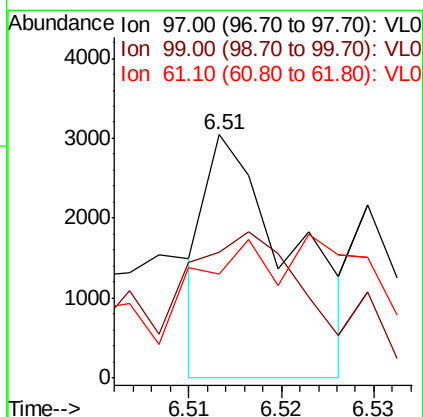
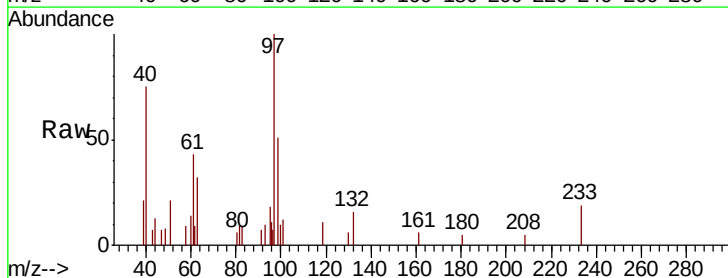
#31
 cis-1,2-Dichloroethene
 Concen: 0.542 ppbv
 RT: 5.58
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 1 Jun 2022 00:00

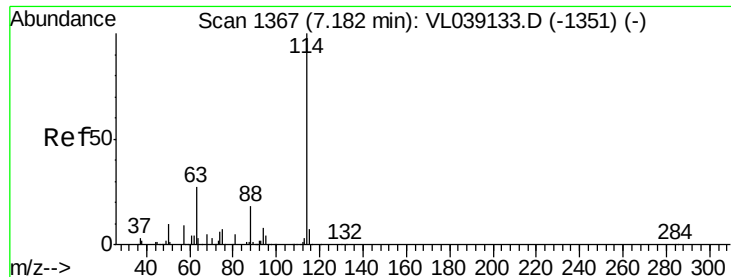
Tot Ion:	61	Resp:	742
Ion	Ratio	Lower	Upper
61	100		
96	57.6	49.9	74.9
98	35.3	32.0	48.0



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

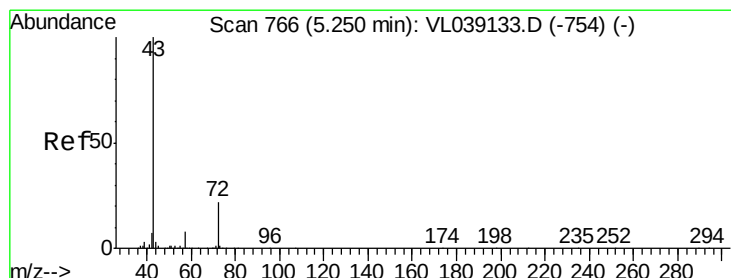
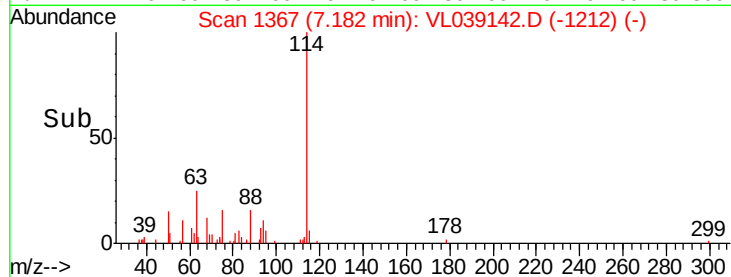
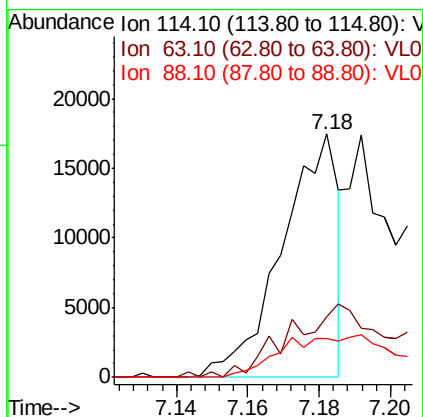
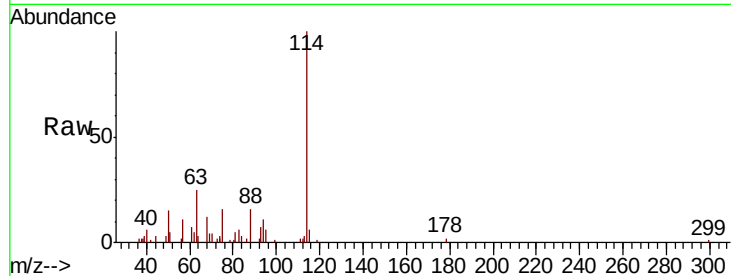
Tgt Ion:	97	Resp:	1939
Ion	Ratio	Lower	Upper
97	100		
99	178.7	52.1	78.1#
61	0.0	40.0	60.0#





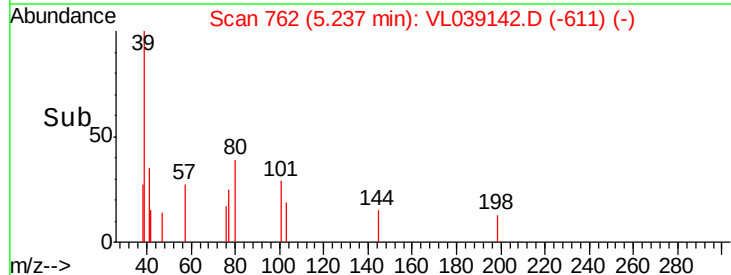
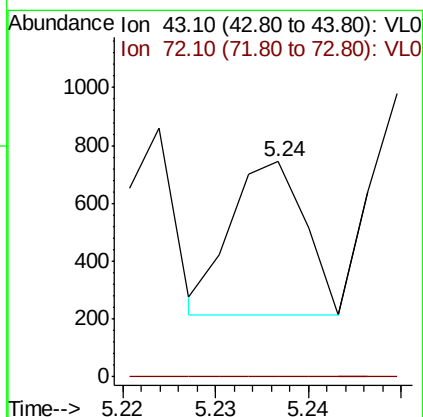
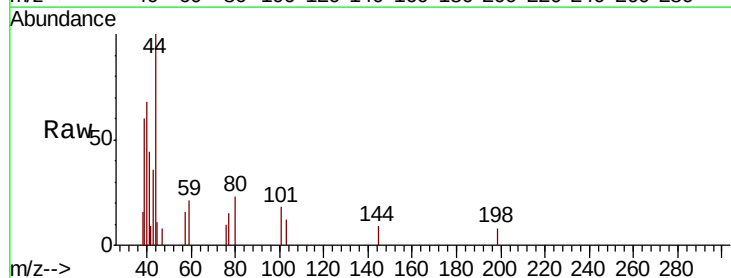
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 1 Jun 2022 00:00

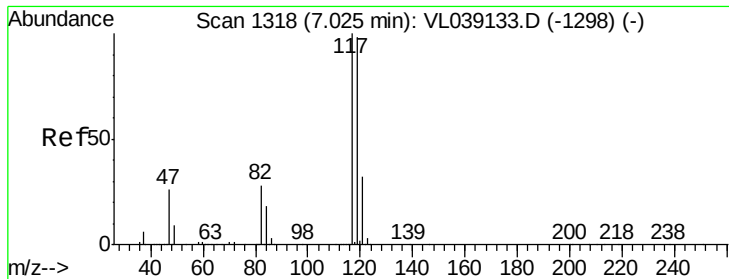
Tot Ion:114 Resp: 19066
 Ion Ratio Lower Upper
 114 100
 63 67.9 21.7 32.5#
 88 0.0 14.8 22.2#



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

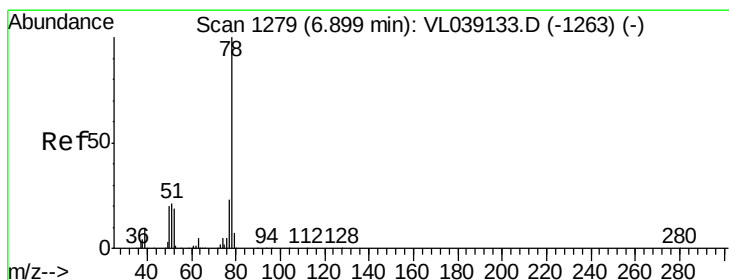
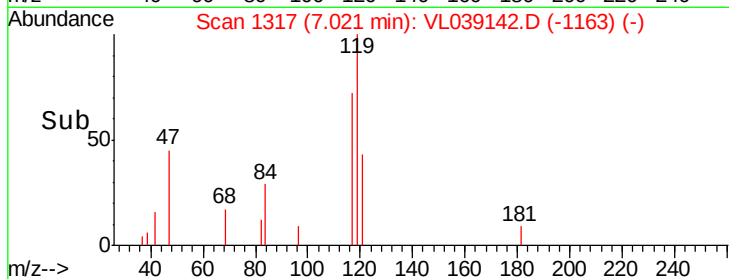
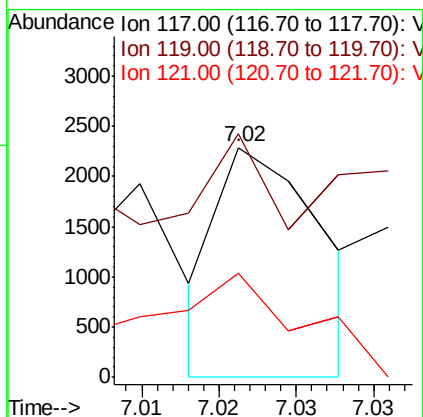
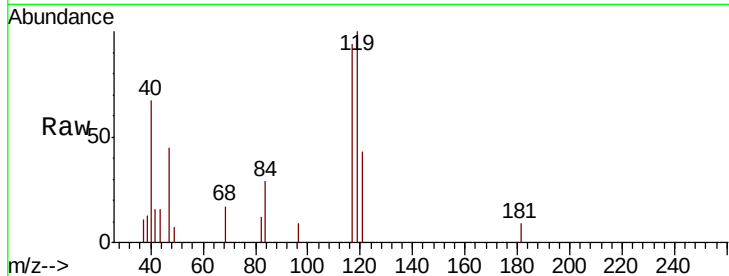
Tgt Ion: 43 Resp: 295
 Ion Ratio Lower Upper
 43 100
 72 0.0 18.2 27.2#





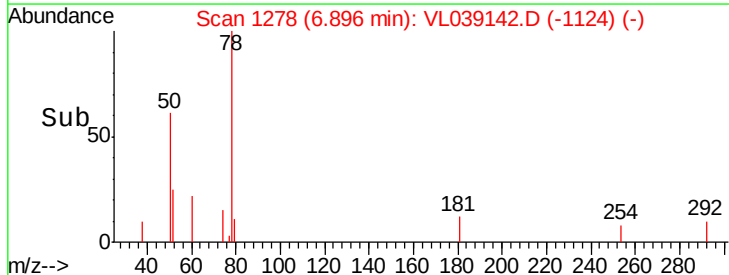
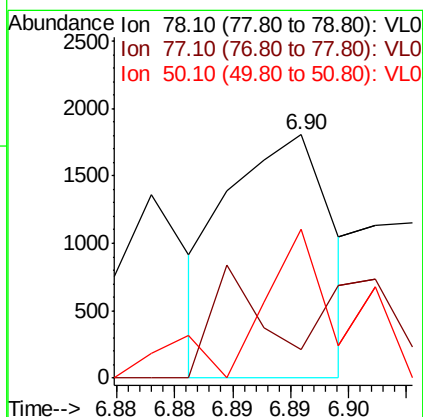
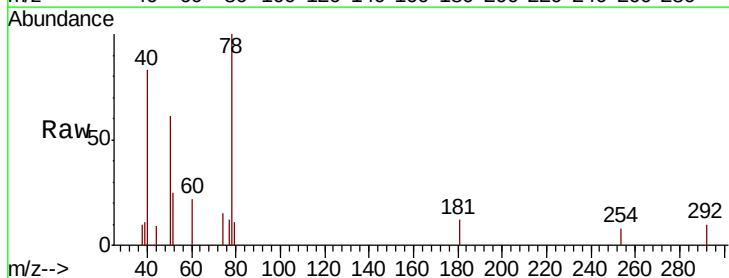
#35
 Carbon Tetrachloride
 Concen: 0.764 ppbv
 RT: 7.02 min
 Delta R.T. MSVOA_1
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 1 Jun 2022 00:00

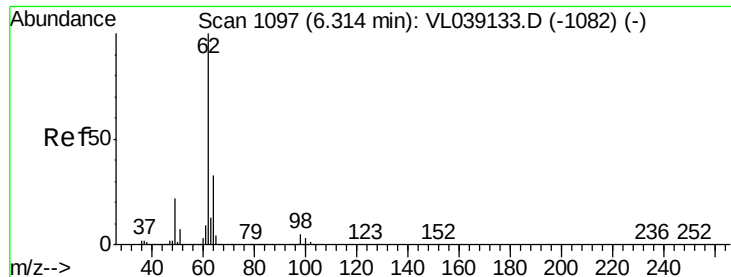
Tot Ion:117 Resp: 1063
 Ion Ratio Lower Upper
 117 100
 119 57.9 78.6 118.0#
 121 31.8 25.4 38.0



#36
 Benzene
 Concen: 0.729 ppbv
 RT: 6.90 min Scan# 1278
 Delta R.T. -0.00 min
 Lab File: VL039142.D
 Acq: 1 Jun 2022 00:00

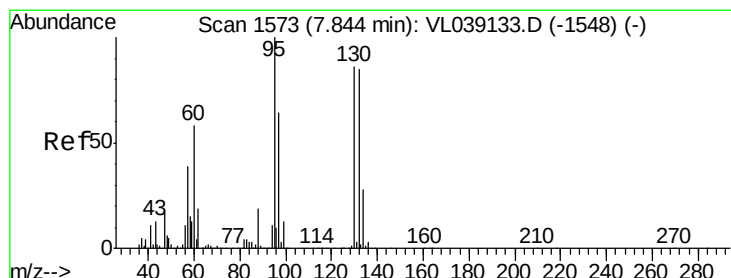
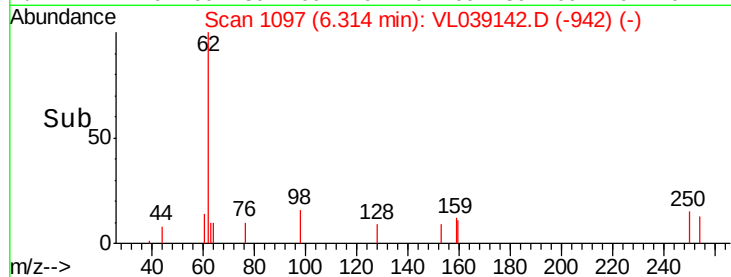
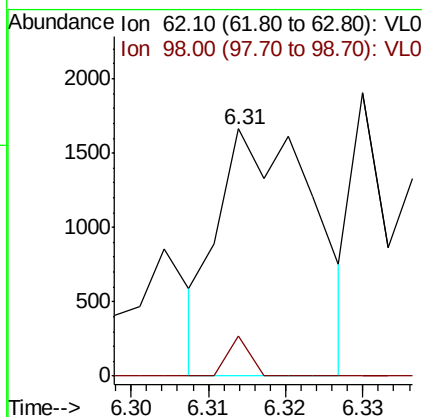
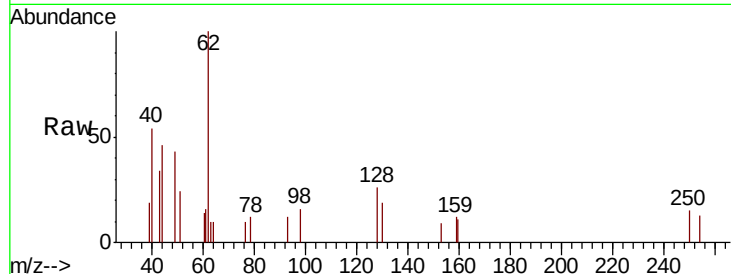
Tgt Ion: 78 Resp: 1129
 Ion Ratio Lower Upper
 78 100
 77 24.1 18.6 27.8
 50 88.6 15.8 23.8#





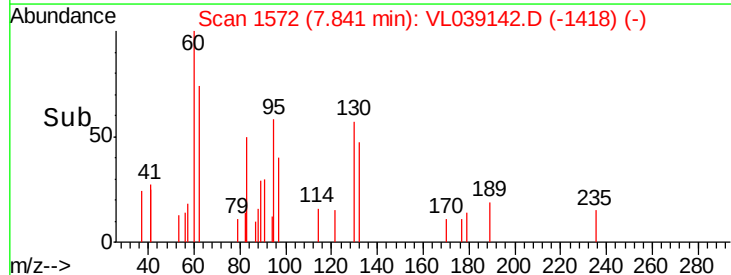
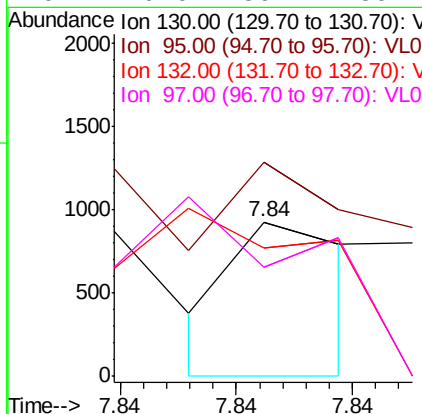
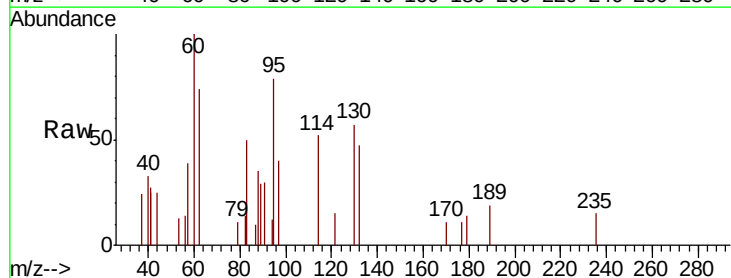
#37
 1,2-Dichloroethane
 Concen: 1.415 ppbv
 RT: 6.31
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId:
 VSTDCCC010
 Acq: 1 Jun 2022 00:00

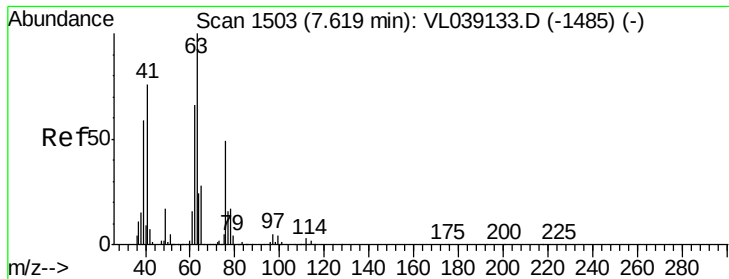
Tot Ion: 62 Resp: 1441
 Ion Ratio Lower Upper
 62 100
 98 3.6 4.3 6.5#



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

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





#39

1,2-Dichloropropane

Concen: 1.580 ppbv

RT: 7.62 Instrument:

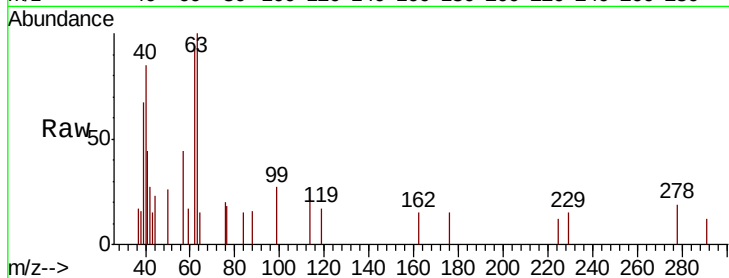
Delta R.T. MSVOA_L

Lab File: ClientSampleId:

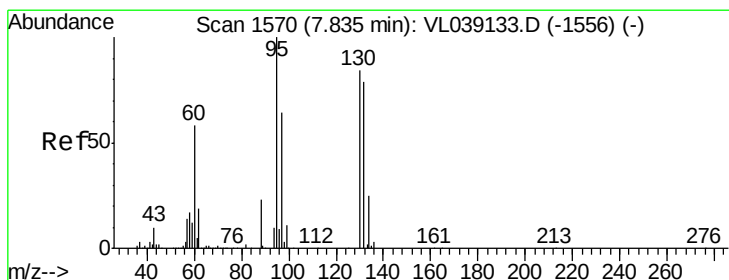
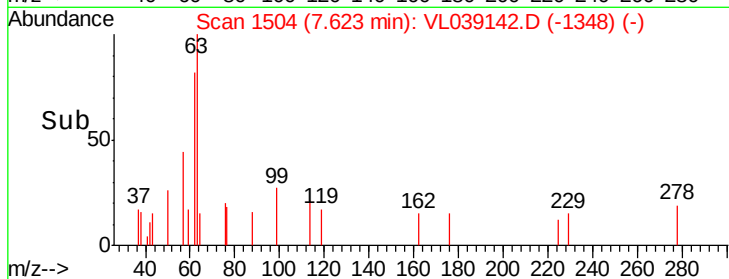
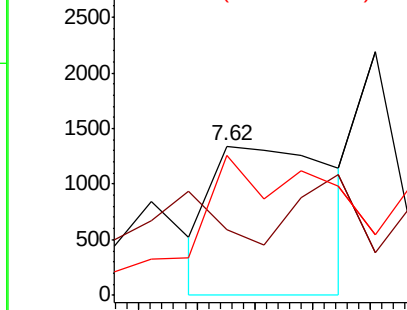
Acq: 1 Jun 2022 00:00 VSTDCCC010

Tot Ion: 63 Resp: 973

Ion	Ratio	Lower	Upper
63	100		
41	0.0	60.8	91.2#
62	81.4	52.9	79.3#



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



#40

1,4-Dioxane

Concen: 0.538 ppbv

RT: 7.84 min Scan# 1572

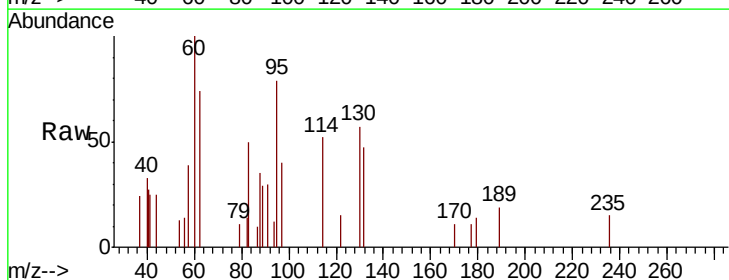
Delta R.T. 0.01 min

Lab File: VL039142.D

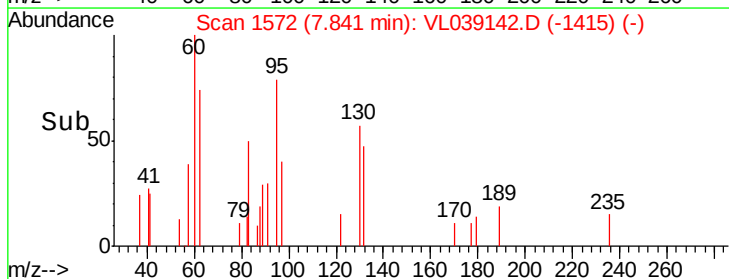
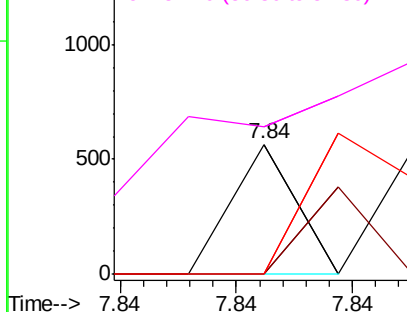
Acq: 1 Jun 2022 00:00

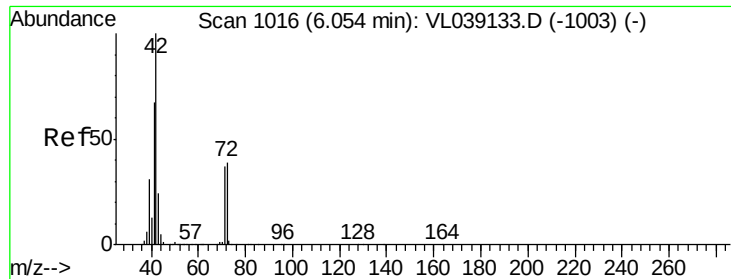
Tgt Ion: 88 Resp: 109

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



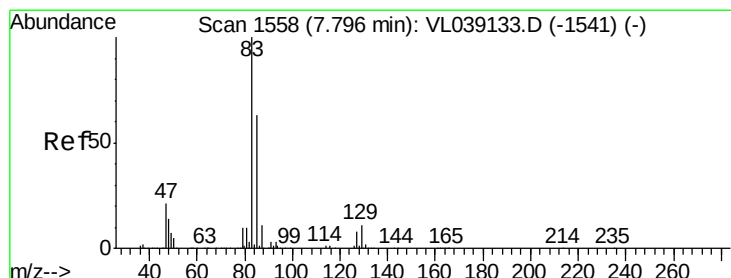
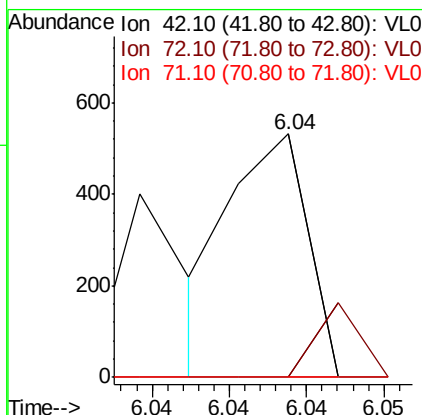
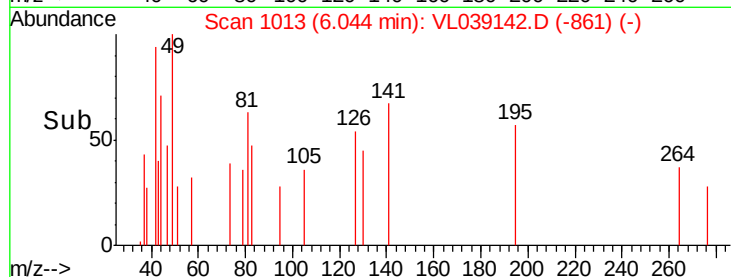
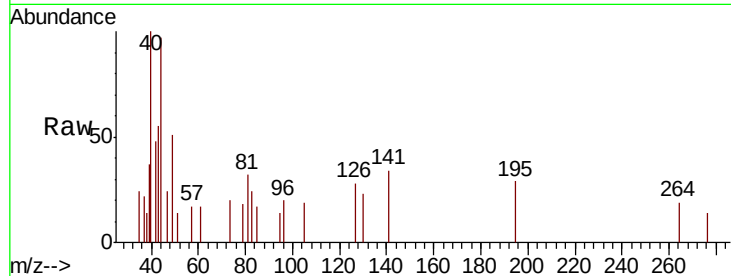
Abundance Ion 88.10 (87.80 to 88.80): VL0
Ion 58.10 (57.80 to 58.80): VL0
Ion 43.10 (42.80 to 43.80): VL0
Ion 57.10 (56.80 to 57.80): VL0





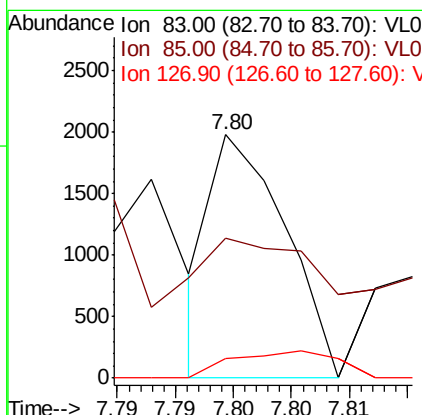
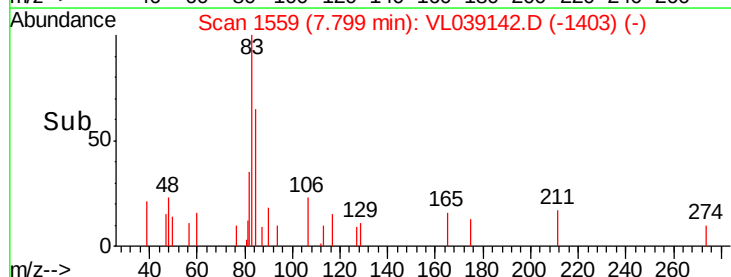
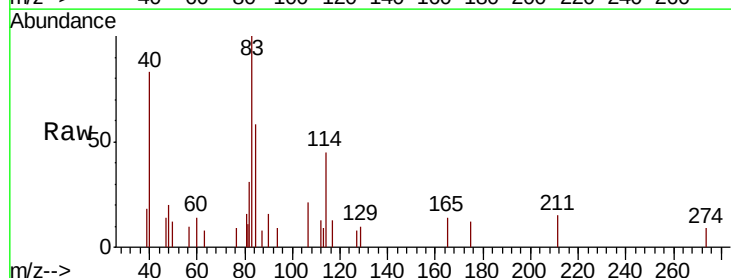
#41
Tetrahydrofuran
Concen: 0.295 ppbv
RT: 6.04
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 1 Jun 2022 00:00

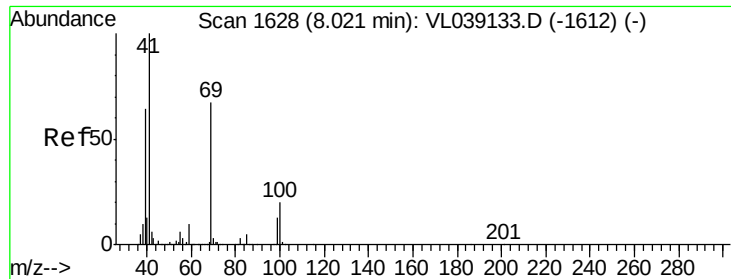
Tot Ion	Ratio	Lower	Upper
42	100		
72	0.0	32.0	48.0#
71	0.0	31.1	46.7#



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

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





#43

Methyl Methacrylate

Concen: 8.634 ppbv

RT: 8.02

Instrument: MSVOA_1

Delta R.T.:

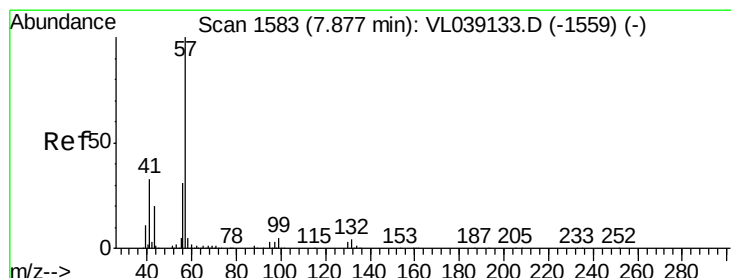
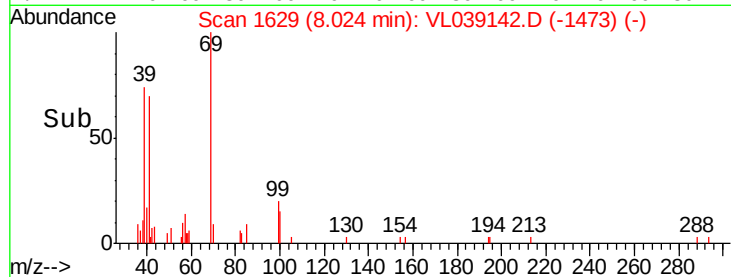
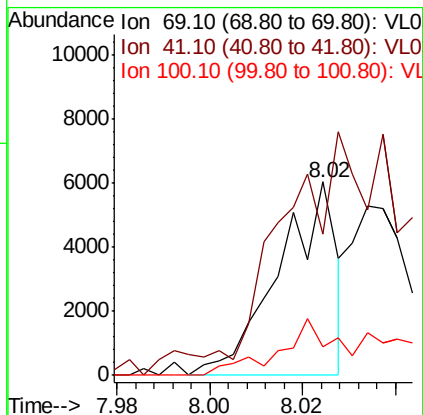
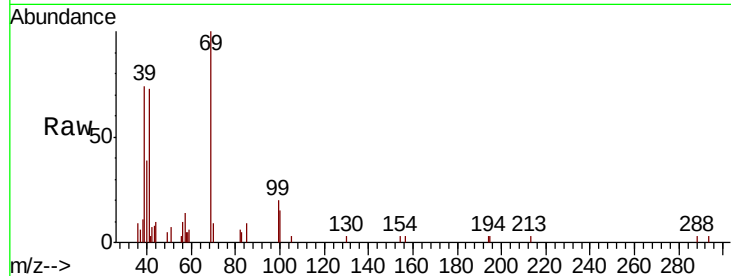
Client Sample Id: VSTDCCC010

Lab File:

Acq: 1 Jun 2022 00:00

Tot Ion: 69 Resp: 5206

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



#44

2,2,4-Trimethylpentane

Concen: 0.706 ppbv

RT: 7.88 min Scan# 1583

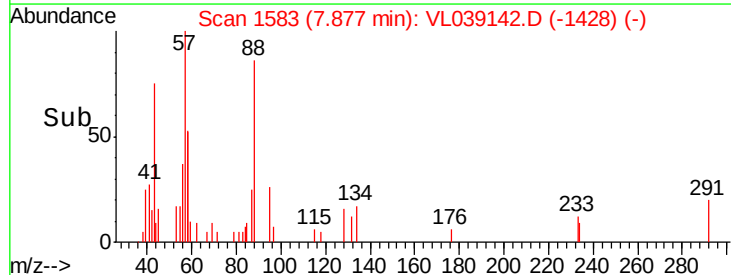
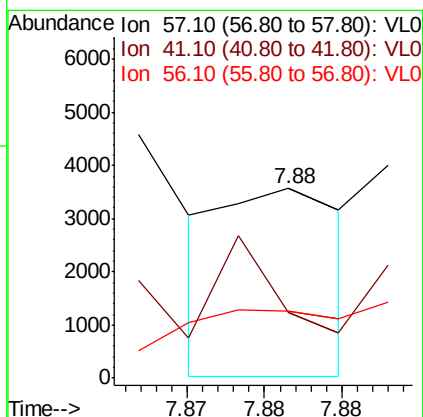
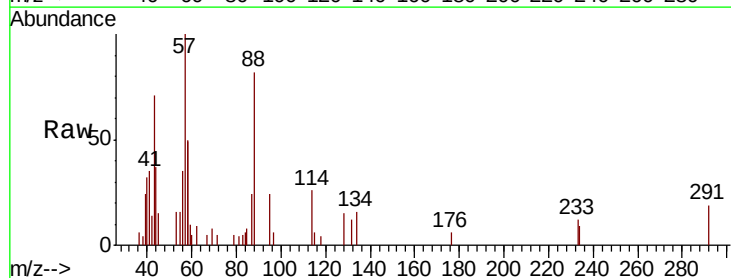
Delta R.T. -0.00 min

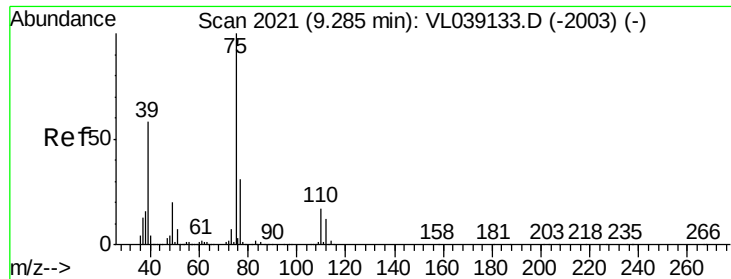
Lab File: VL039142.D

Acq: 1 Jun 2022 00:00

Tgt Ion: 57 Resp: 1913

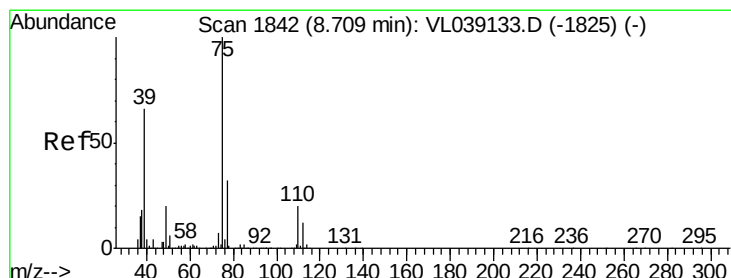
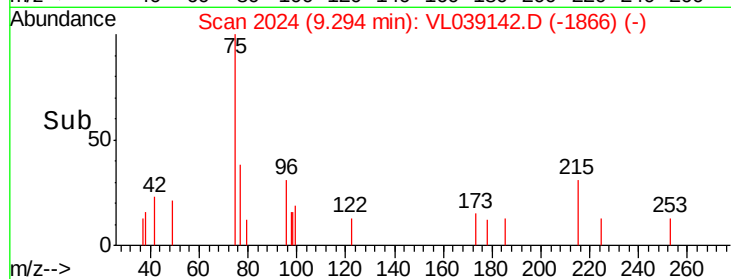
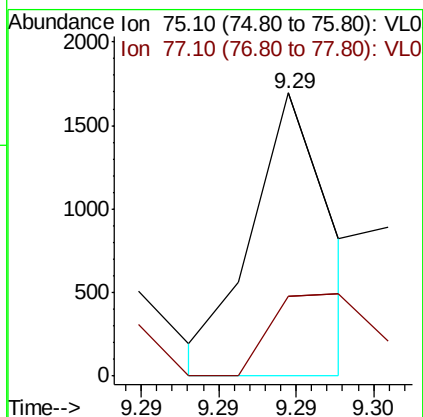
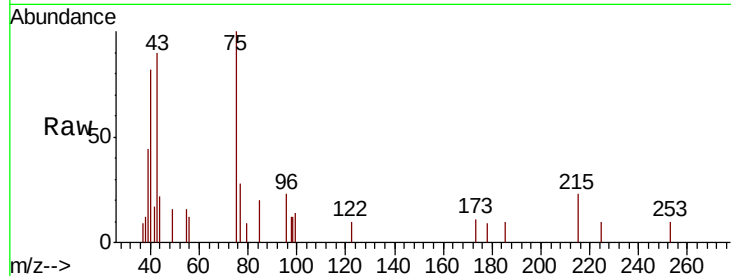
Ion	Ratio	Lower	Upper
57	100		
41	213.2	26.2	39.4#
56	0.0	24.7	37.1#





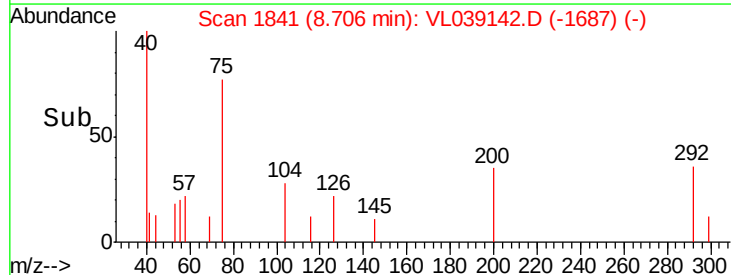
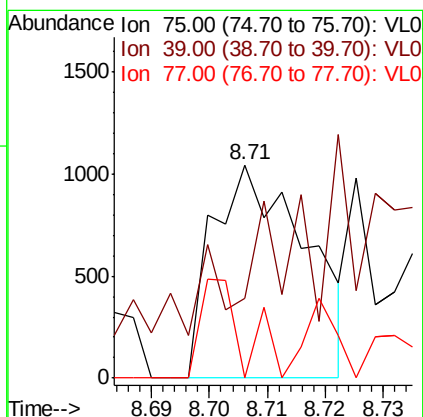
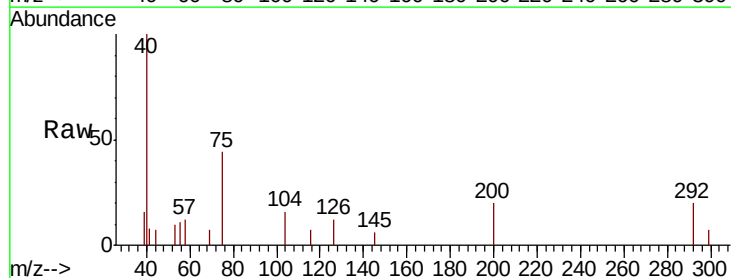
#45
 t-1,3-Dichloropropene
 Concen: 0.944 ppbv
 RT: 9.29 Instrument : MSVOA_1
 Delta R.T. ClientSampleId :
 Lab File: VSTDCCC010
 Acq: 1 Jun 2022 00:00

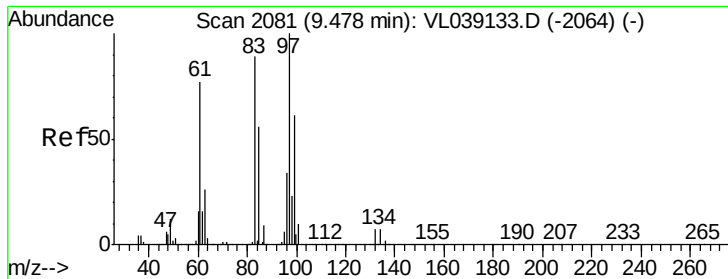
Tot Ion: 75 Resp: 593
 Ion Ratio Lower Upper
 75 100
 77 28.0 24.4 36.6



#46
 cis-1,3-Dichloropropene
 Concen: 1.406 ppbv
 RT: 8.71 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VL039142.D
 Acq: 1 Jun 2022 00:00

Tgt Ion: 75 Resp: 1166
 Ion Ratio Lower Upper
 75 100
 39 17.7 52.4 78.6#
 77 0.0 25.5 38.3#





#47

1,1,2-Trichloroethane

Concen: 2.189 ppbv

RT: 9.48 Instrument:

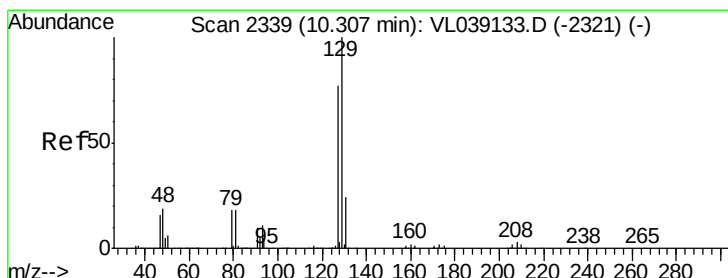
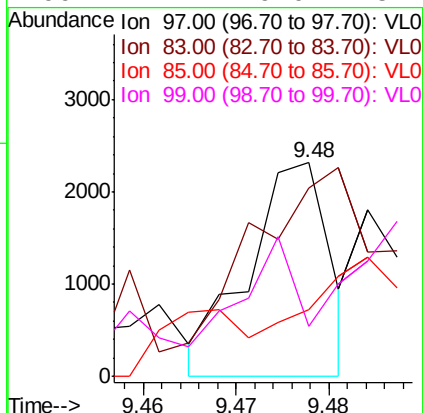
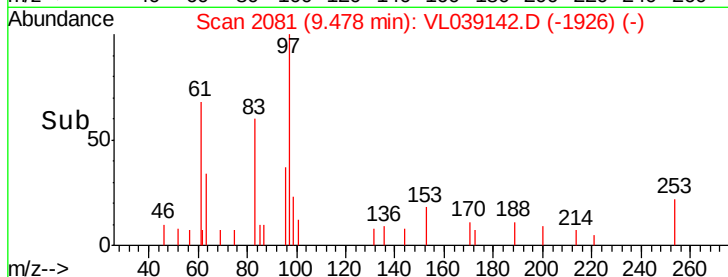
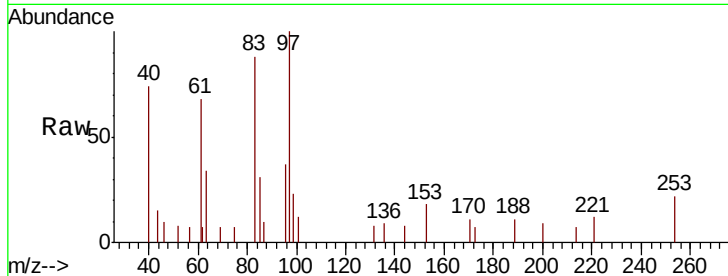
Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 1 Jun 2022 00:00 VSTDCCC010

Tot Ion: 97 Resp: 1406

Ion	Ratio	Lower	Upper
97	100		
83	85.4	71.6	107.4
85	1.7	44.8	67.2#
99	11.4	49.0	73.4#



#48

Dibromochloromethane

Concen: 0.160 ppbv

RT: 10.68 min Scan# 2454

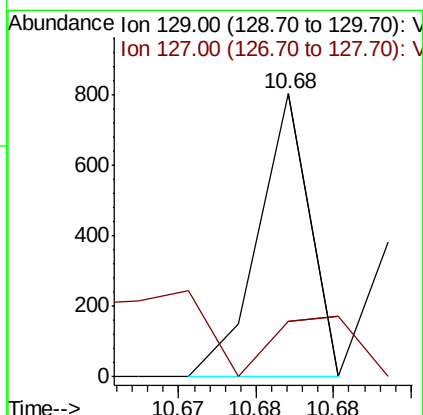
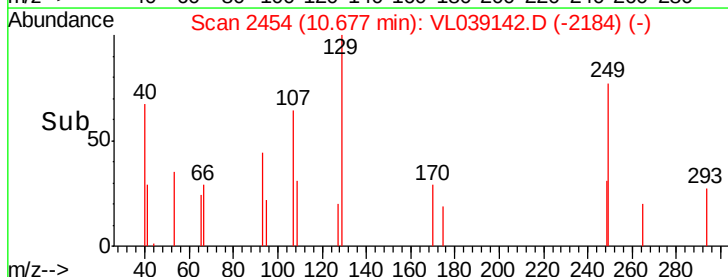
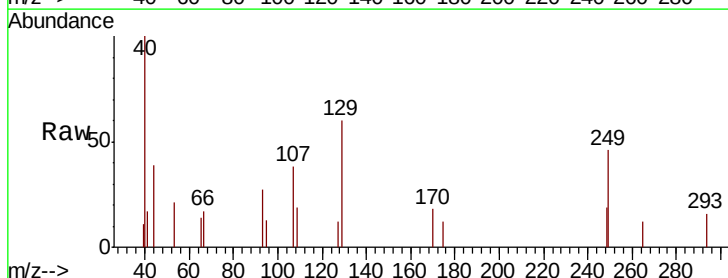
Delta R.T. 0.37 min

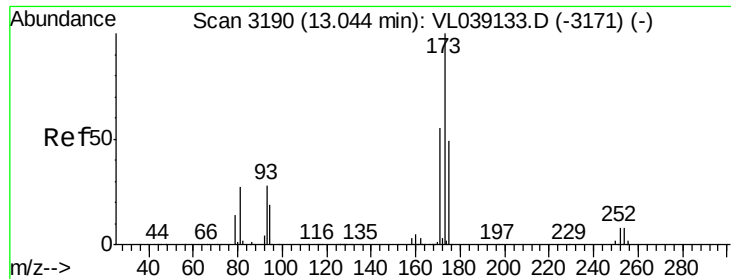
Lab File: VL039142.D

Acq: 1 Jun 2022 00:00

Tgt Ion: 129 Resp: 184

Ion	Ratio	Lower	Upper
129	100		
127	104.9	40.0	119.9





#49

Bromoform

Concen: 2.917 ppbv

RT: 13.05

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 1 Jun 2022 00:00

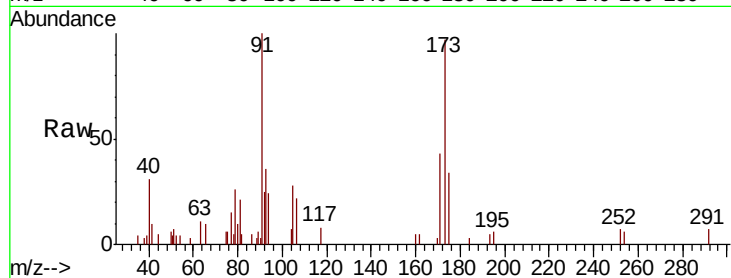
Tot Ion: 173 Resp: 2788

Ion Ratio Lower Upper

173 100

175 0.0 40.2 60.2#

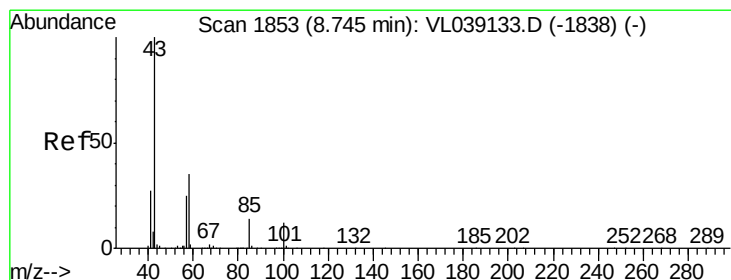
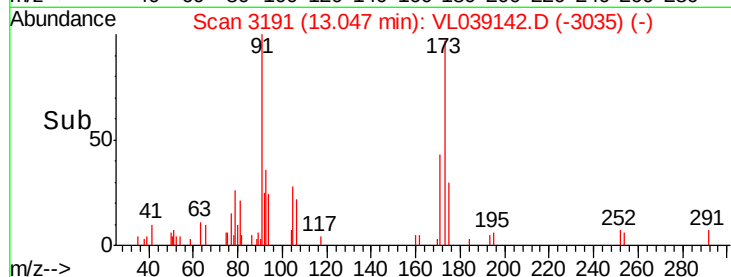
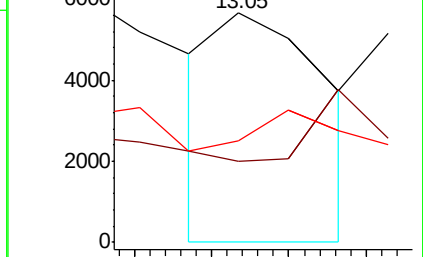
171 0.0 43.9 65.9#



Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 170.90 (170.60 to 171.60): V



#50

4-Methyl-2-Pentanone

Concen: 40.563 ppbv

RT: 8.76 min Scan# 1858

Delta R.T. 0.02 min

Lab File: VL039142.D

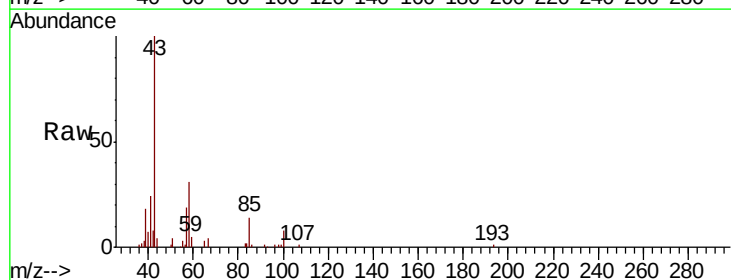
Acq: 1 Jun 2022 00:00

Tgt Ion: 43 Resp: 62893

Ion Ratio Lower Upper

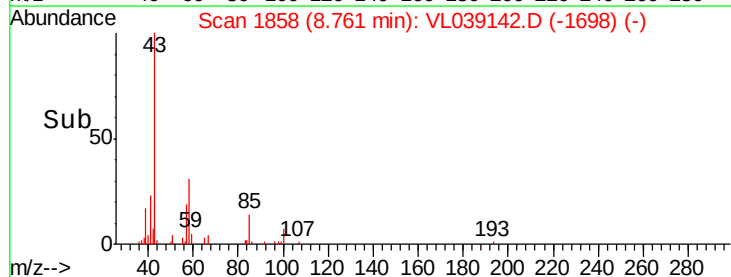
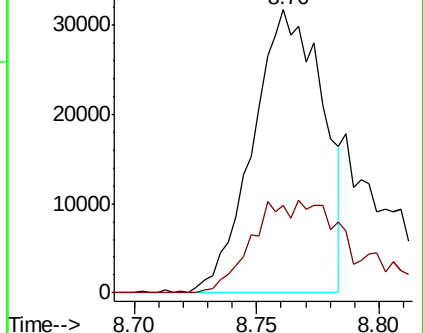
43 100

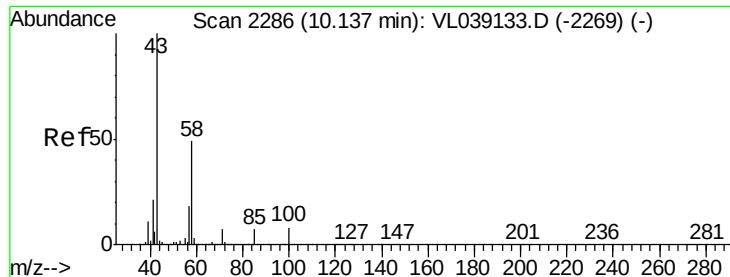
58 54.8 28.7 43.1#



Abundance Ion 43.10 (42.80 to 43.80): VL0

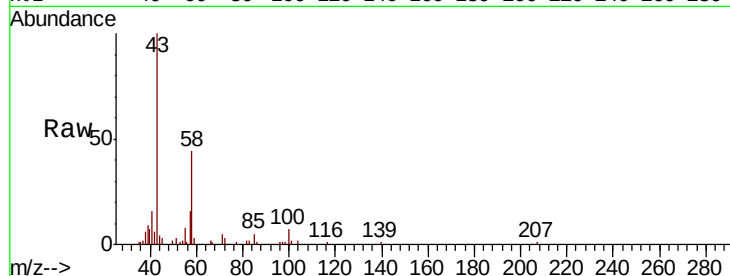
Ion 58.10 (57.80 to 58.80): VL0



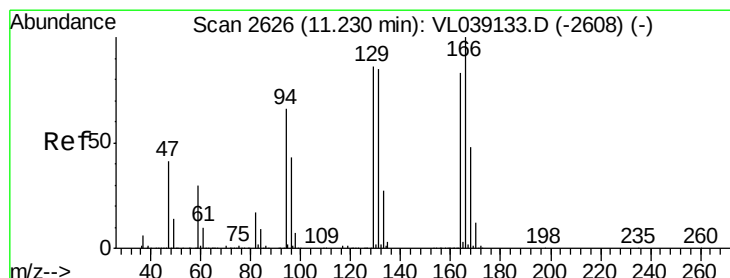
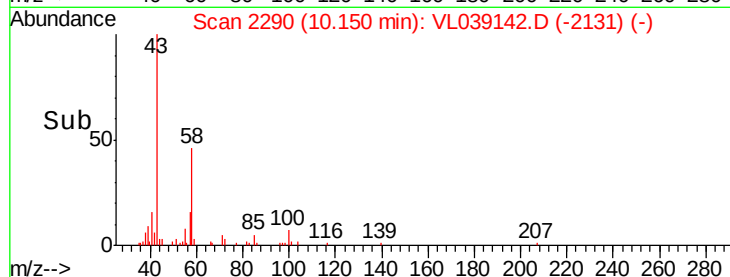
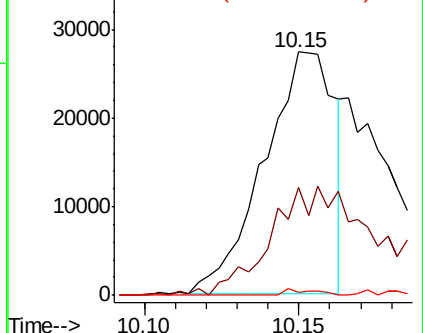


#51
2-Hexanone
Concen: 35.818 ppbv
RT: 10.15
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 1 Jun 2022 00:00

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

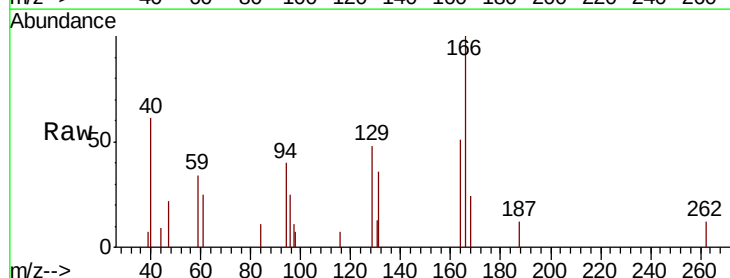


Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 58.10 (57.80 to 58.80): VL0
Ion 98.20 (97.90 to 98.90): VL0

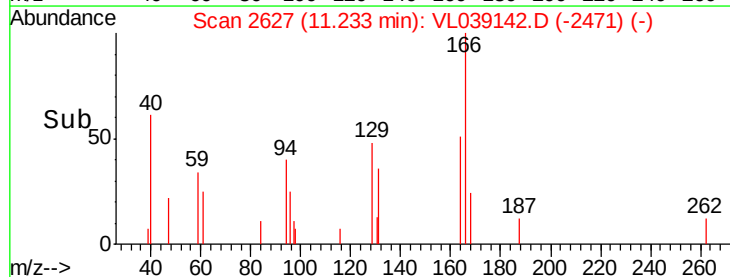
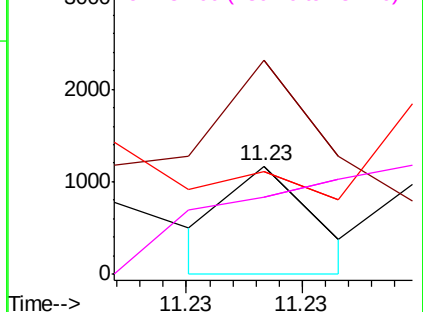


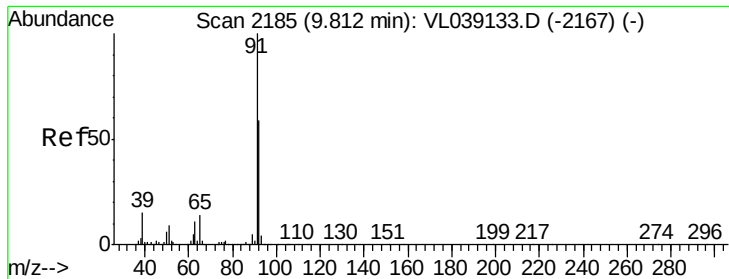
#52
Tetrachloroethene
Concen: 0.495 ppbv
RT: 11.23 min Scan# 2627
Delta R.T. 0.00 min
Lab File: VL039142.D
Acq: 1 Jun 2022 00:00

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



Abundance Ion 163.90 (163.60 to 164.60): V
Ion 165.90 (165.60 to 166.60): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V





#53

Toluene

Concen: 0.787 ppbv

RT: 9.81 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

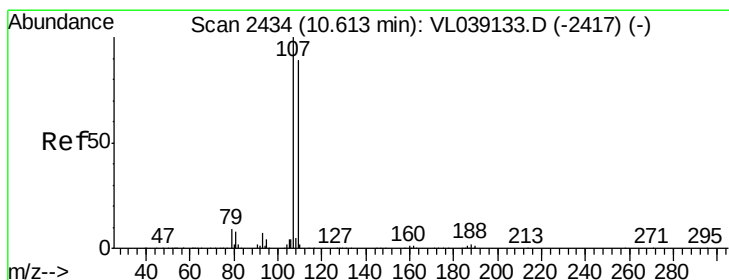
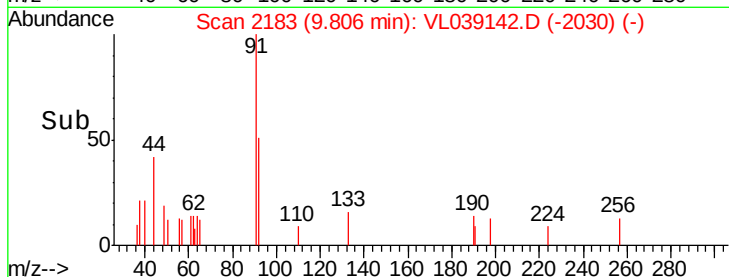
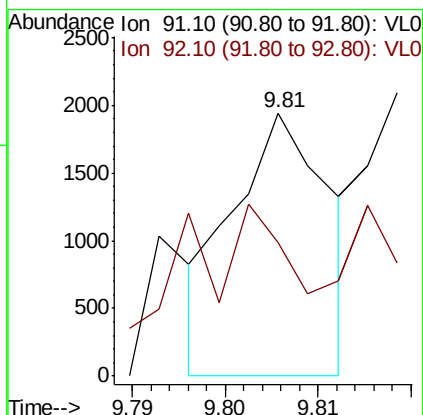
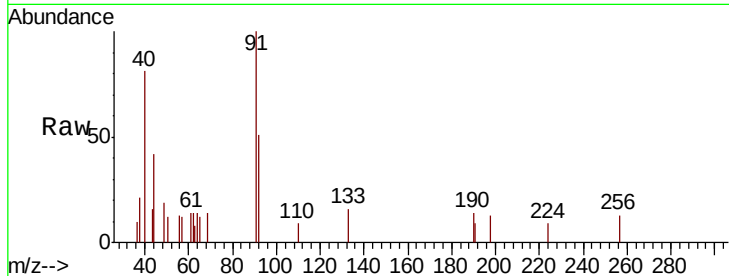
Acq: 1 Jun 2022 00:00 VSTDCCC010

Tot Ion: 91 Resp: 1403

Ion Ratio Lower Upper

91 100

92 0.0 48.1 72.1#



#54

1,2-Dibromoethane

Concen: 0.195 ppbv

RT: 10.59 min Scan# 2428

Delta R.T. -0.02 min

Lab File: VL039142.D

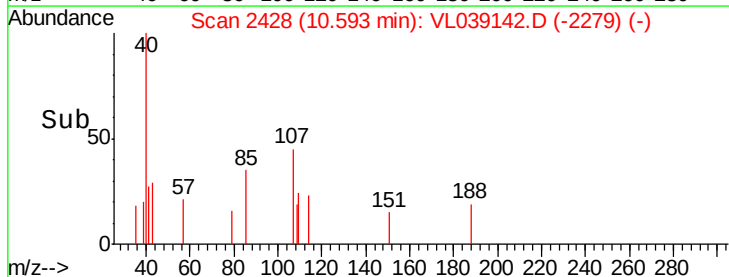
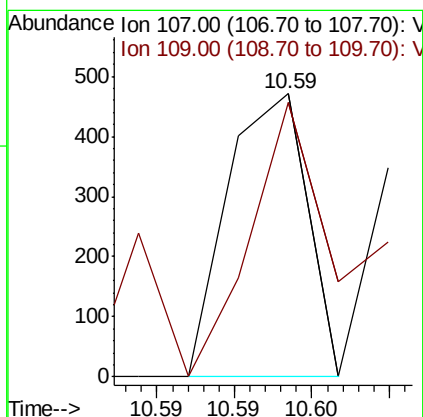
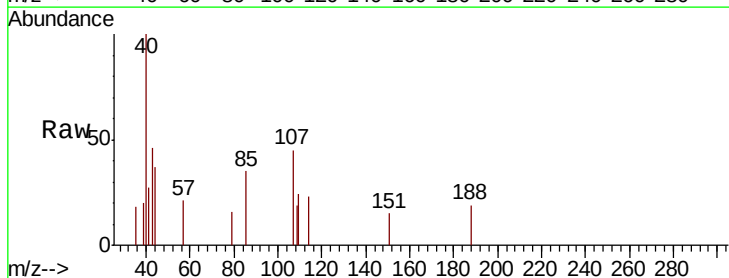
Acq: 1 Jun 2022 00:00

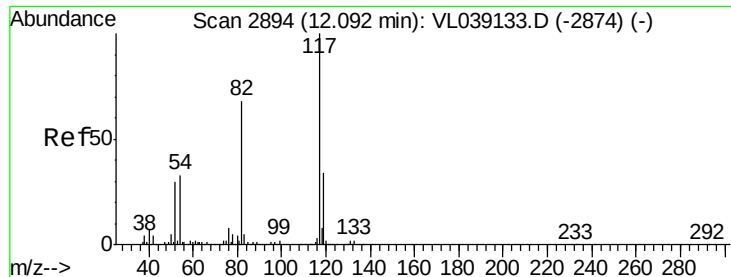
Tgt Ion:107 Resp: 168

Ion Ratio Lower Upper

107 100

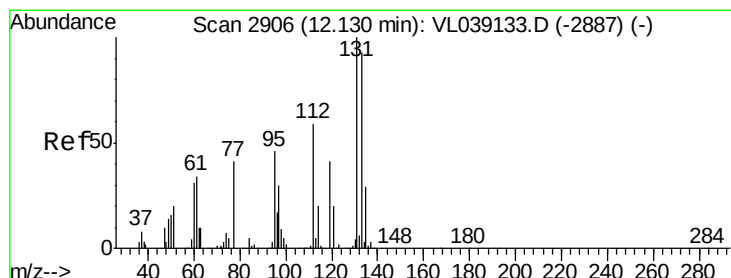
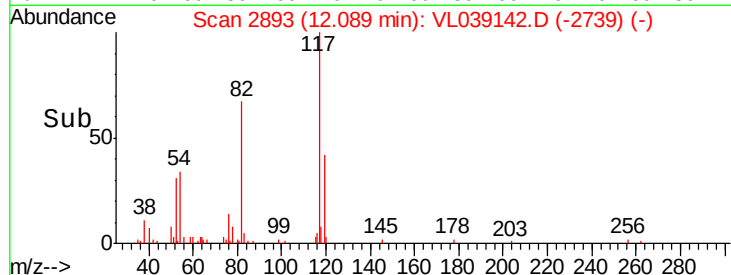
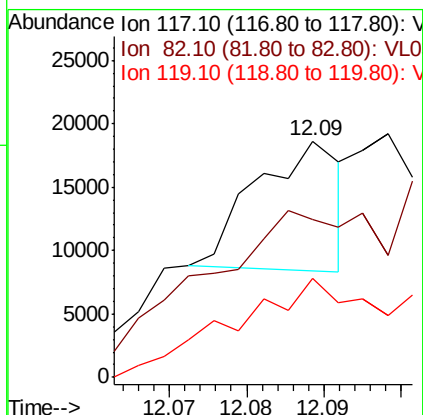
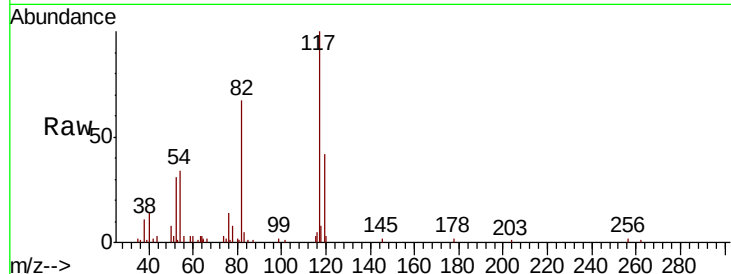
109 97.0 71.4 107.0





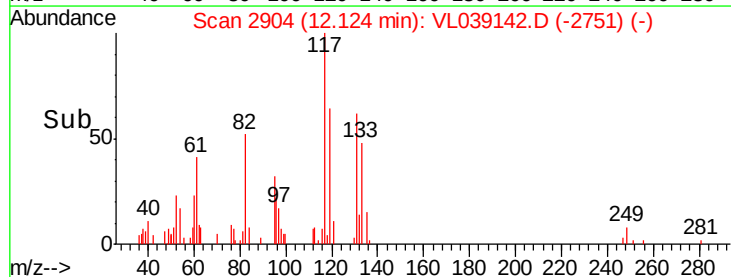
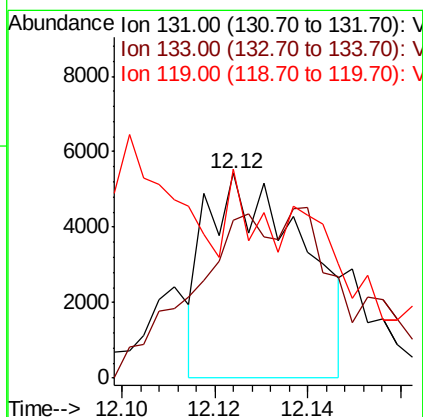
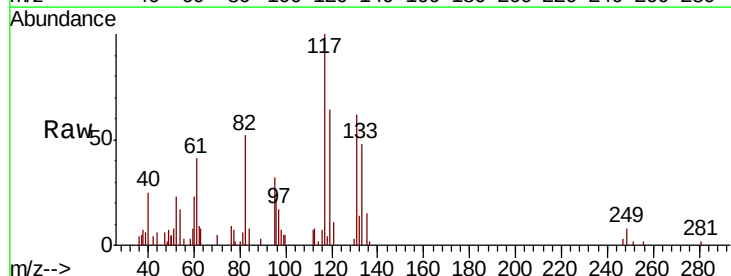
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 1 Jun 2022 00:00
VSTDCCC010

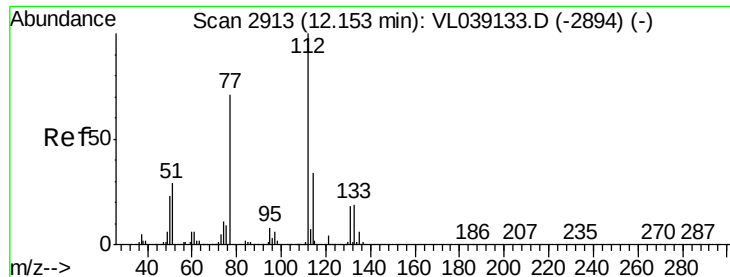
Tot Ion:117 Resp: 7773
Ion Ratio Lower Upper
117 100
82 0.0 55.1 82.7#
119 334.9 24.7 37.1#



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

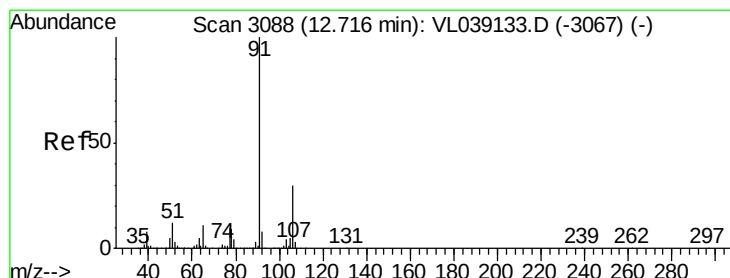
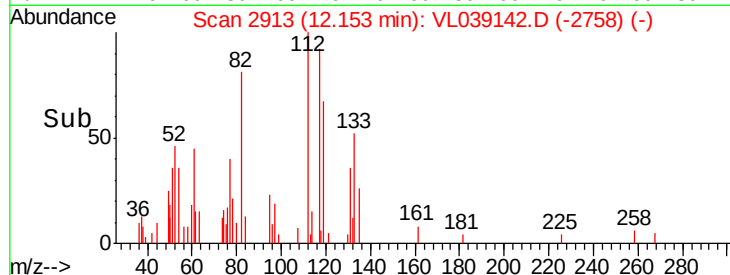
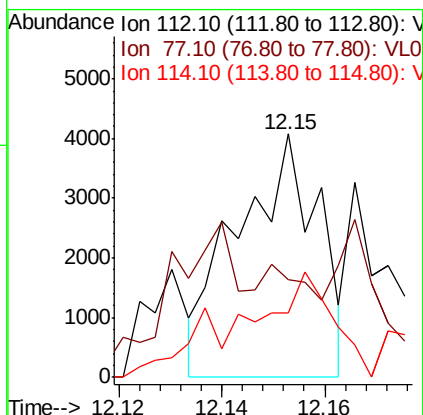
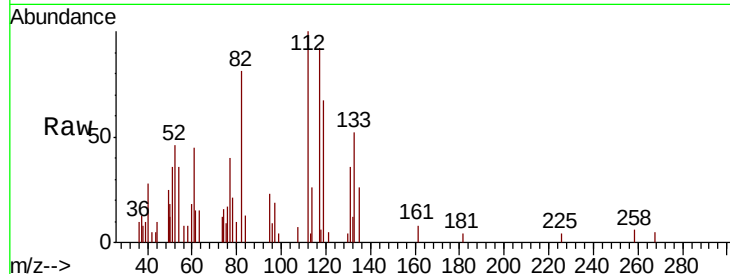
Tgt Ion:131 Resp: 7719
Ion Ratio Lower Upper
131 100
133 0.0 78.6 117.8#
119 0.0 51.7 77.5#





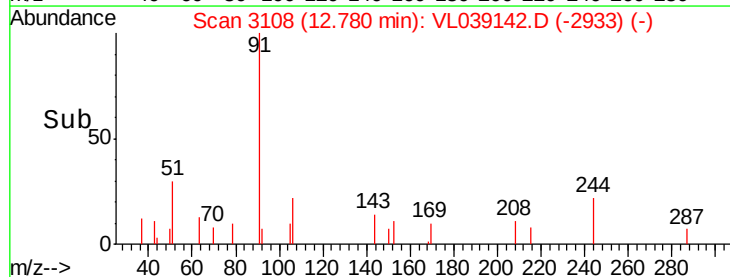
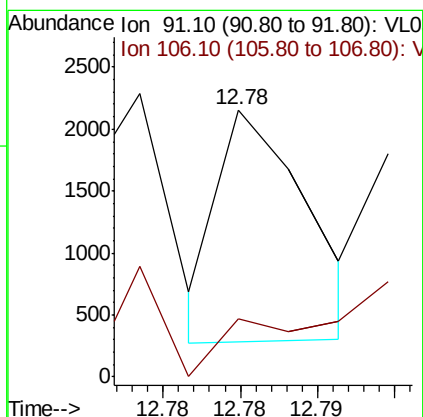
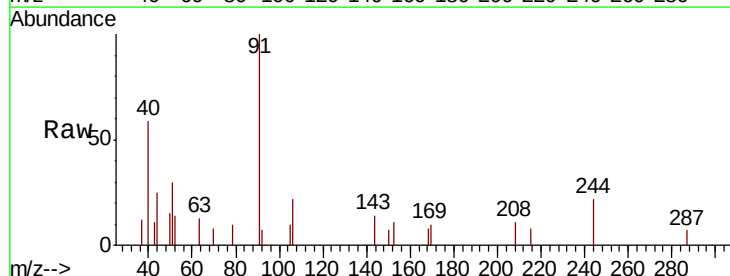
#57
Chlorobenzene
Concen: 7.593 ppbv
RT: 12.15 min
Delta R.T. 0.06 min
Lab File: VL039142.D
Acq: 1 Jun 2022 00:00

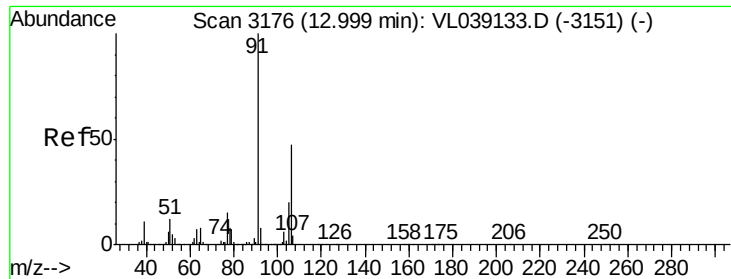
Tot Ion: 112 Resp: 4441
Ion Ratio Lower Upper
112 100
77 0.0 56.5 84.7#
114 16.2 30.3 37.1#



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

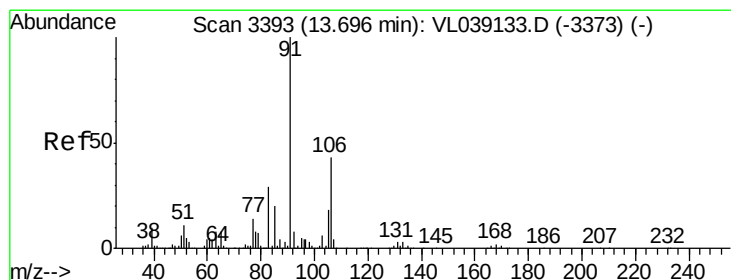
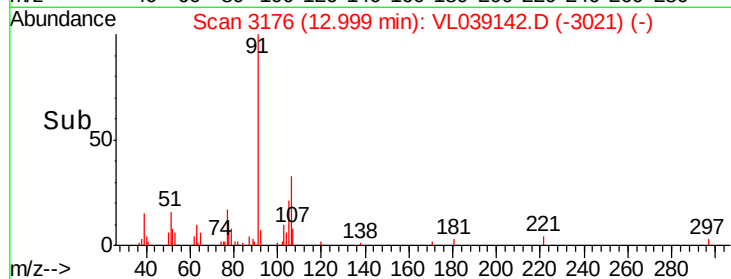
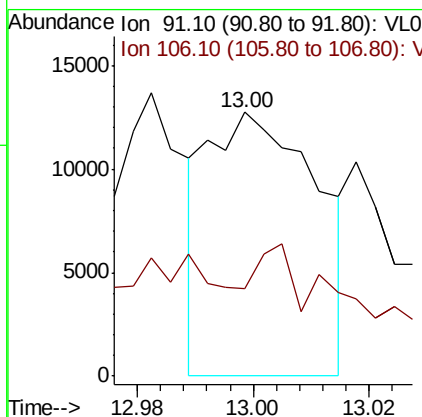
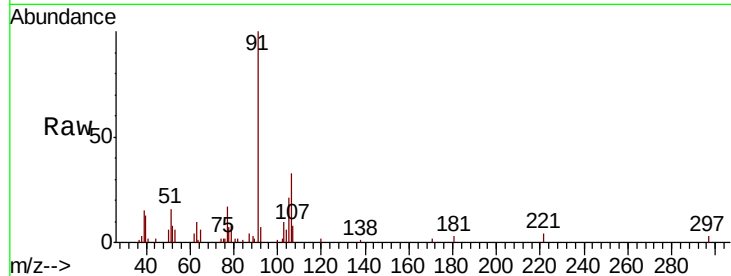
Tgt Ion: 91 Resp: 753
Ion Ratio Lower Upper
91 100
106 35.2 24.2 36.4





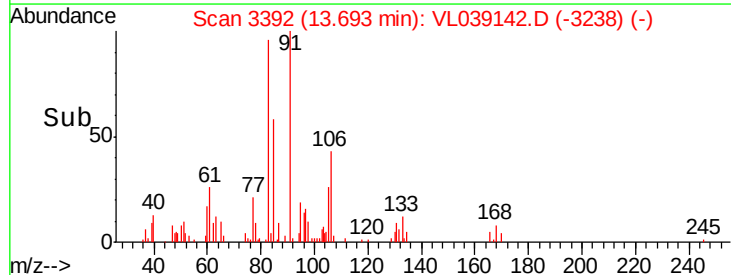
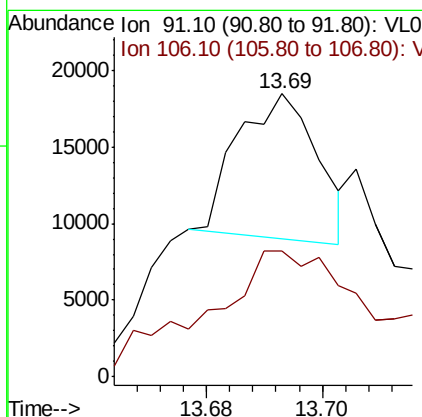
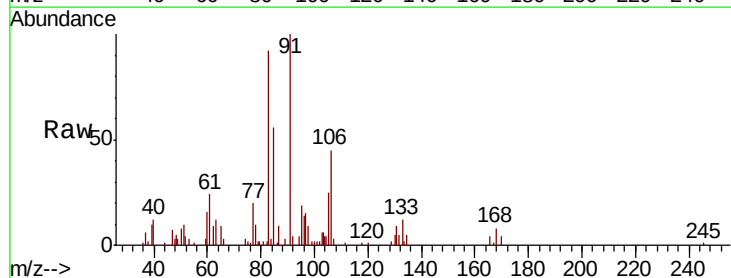
#59
m/p-Xylene
Concen: 17.690 ppbv
RT: 13.00
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
VSTDCCC010
Acq: 1 Jun 2022 00:00

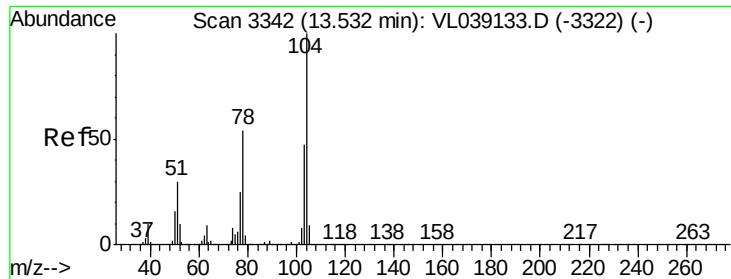
Tot Ion: 91 Resp: 16679
Ion Ratio Lower Upper
91 100
106 143.7 34.3 51.5#



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

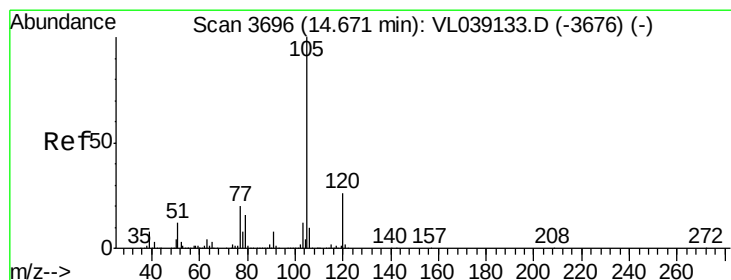
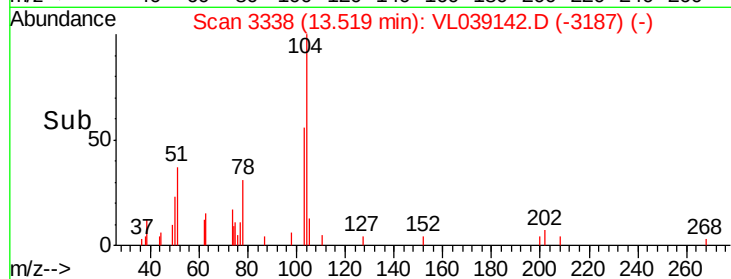
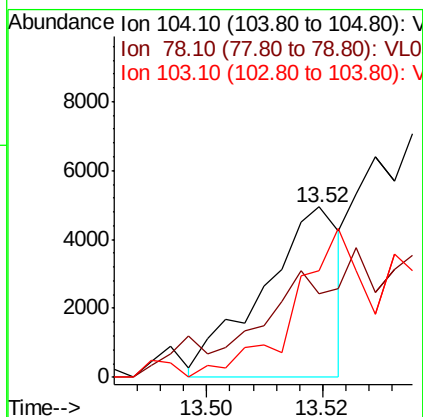
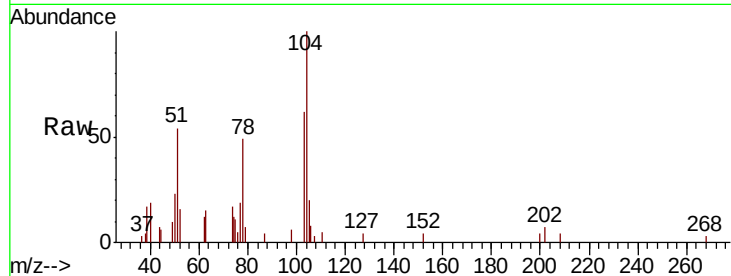
Tgt Ion: 91 Resp: 8904
Ion Ratio Lower Upper
91 100
106 243.1 22.3 66.9#





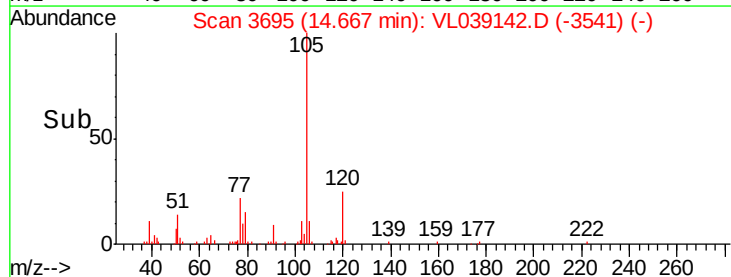
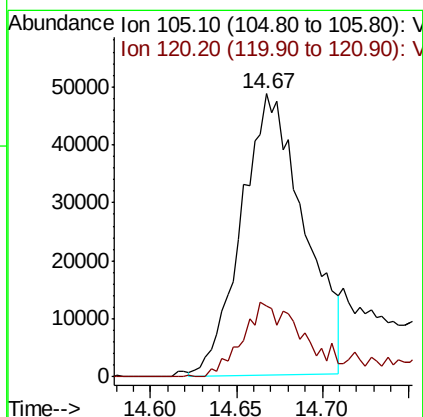
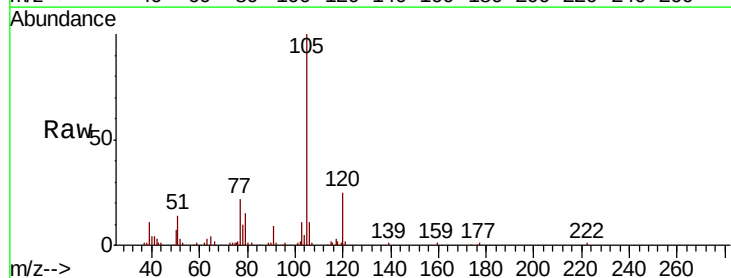
#61
Stvrene
Concen: 9.687 ppbv
RT: 13.52
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 1 Jun 2022 00:00 VSTDCCC010

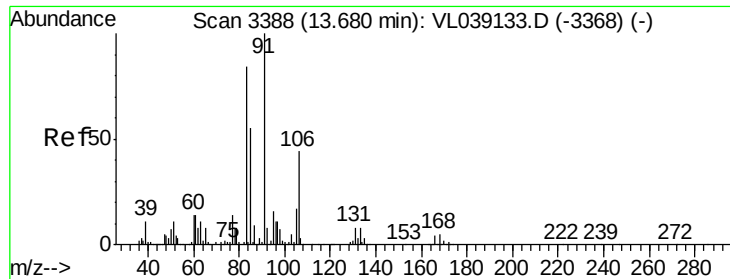
Tot Ion	Ratio	Lower	Upper
104	100		
78	0.0	45.7	68.5#
103	202.4	39.6	59.4#



#62
Isopropylbenzene
Concen: 93.561 ppbv
RT: 14.67 min Scan# 3695
Delta R.T. -0.00 min
Lab File: VL039142.D
Acq: 1 Jun 2022 00:00

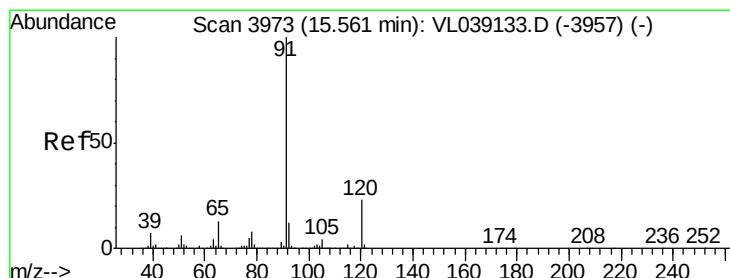
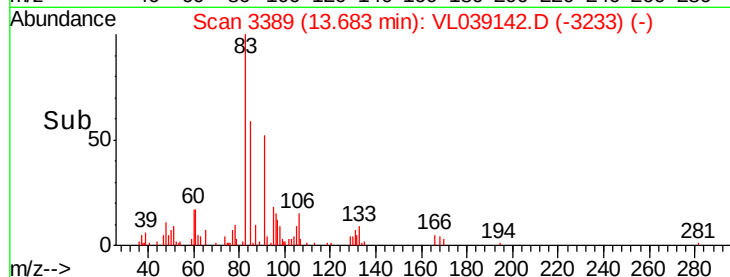
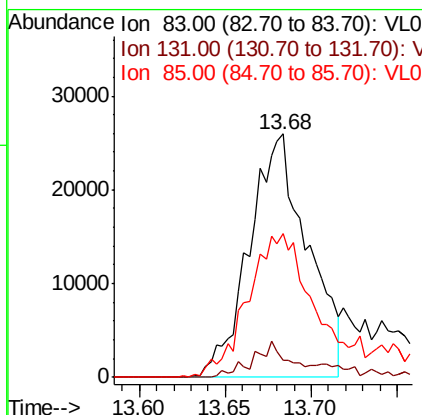
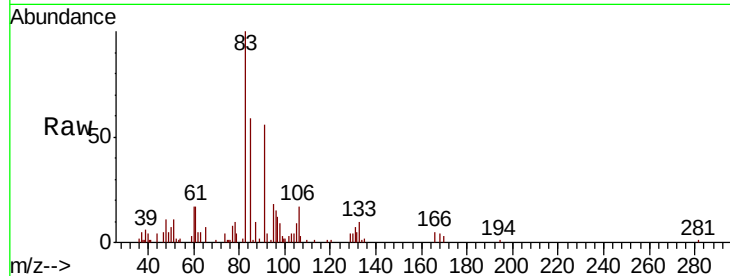
Tgt Ion	Ratio	Lower	Upper
105	100		
120	28.7	20.3	30.5





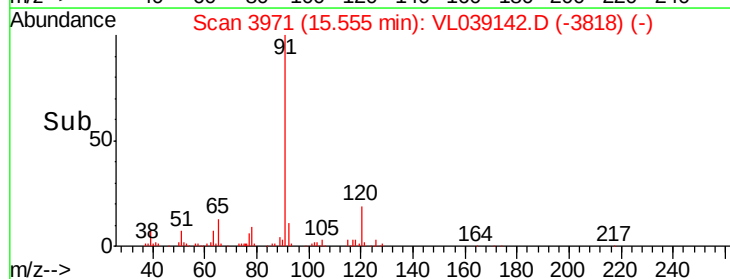
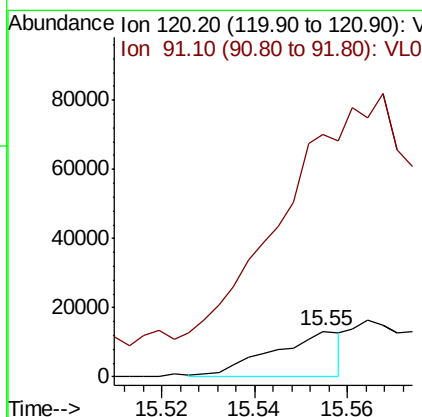
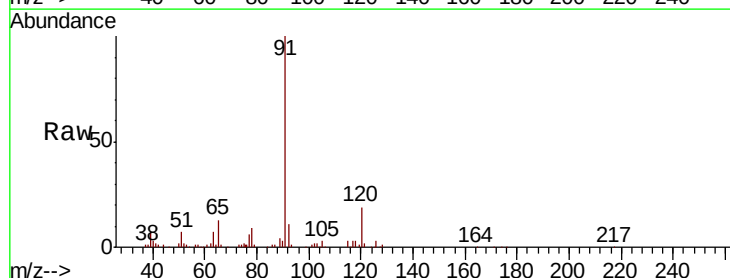
#63
 1,1,2,2-Tetrachloroethane
 Concen: 123.025 ppbv
 RT: 13.68 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 1 Jun 2022 00:00

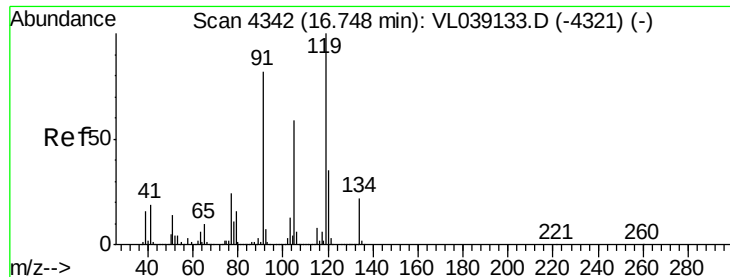
Tot Ion: 83 Resp: 61180
 Ion Ratio Lower Upper
 83 100
 131 14.9 4.8 14.3#
 85 74.9 33.0 99.0



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

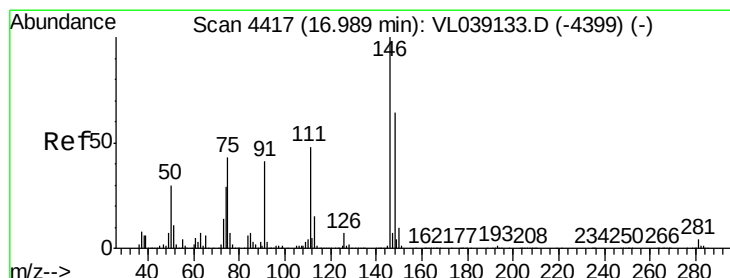
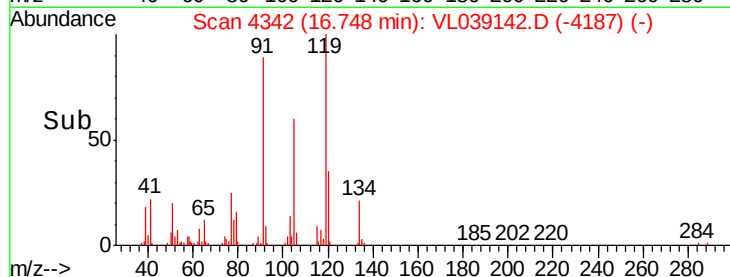
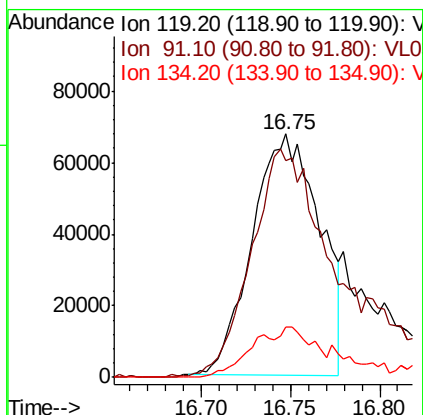
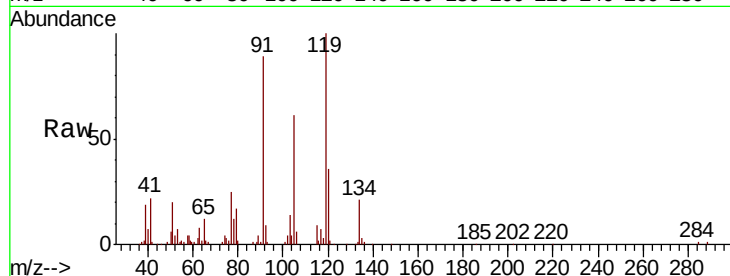
Tgt Ion:120 Resp: 13771
 Ion Ratio Lower Upper
 120 100
 91 0.0 388.4 582.6#





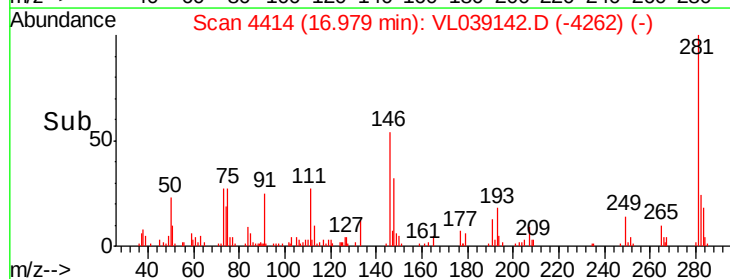
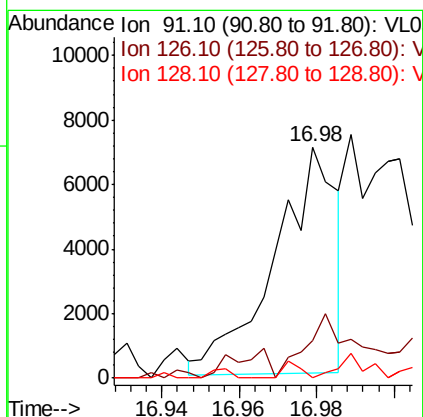
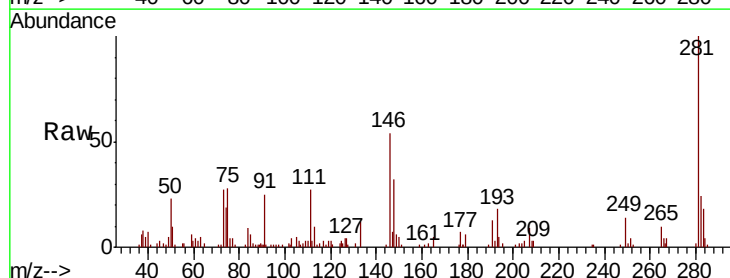
#65
 tert-Butylbenzene
 Concen: 147.657 ppbv
 RT: 16.75
 Instrument: MSVOA_1
 Delta R.T.:
 Client Sample Id:
 Lab File: VSTDCCC010
 Acq: 1 Jun 2022 00:00

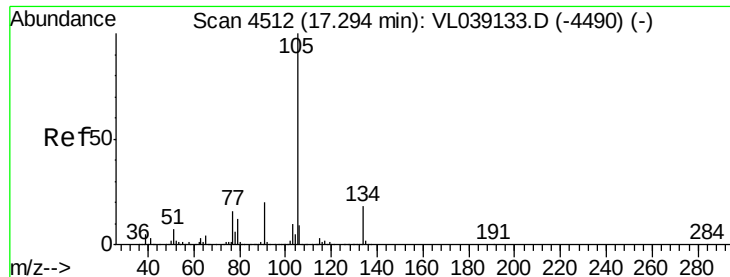
Tot Ion: 119 Resp: 177799
 Ion Ratio Lower Upper
 119 100
 91 128.1 67.1 100.7#
 134 26.9 15.8 23.8#



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

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





#67

sec-Butylbenzene

Concen: 161.383 ppbv

RT: 17.29 min

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

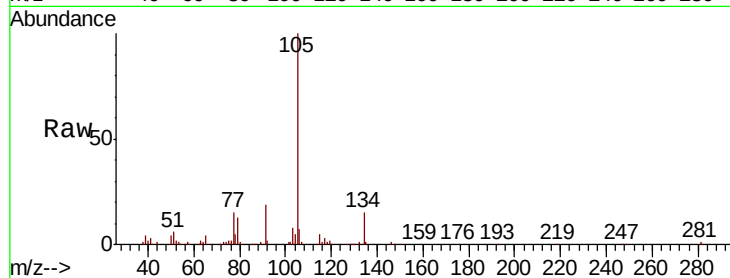
Acq: 1 Jun 2022 00:00

Tot Ion: 105 Resp: 265147

Ion Ratio Lower Upper

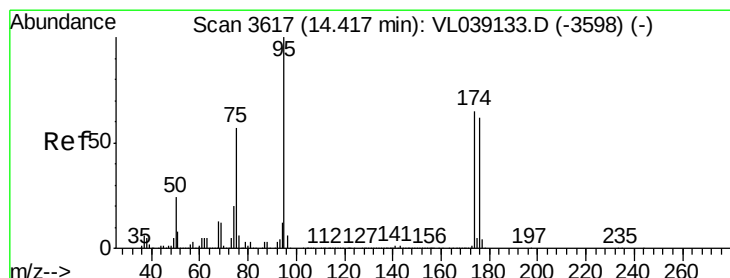
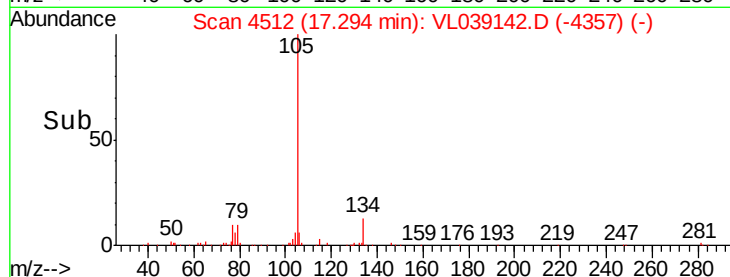
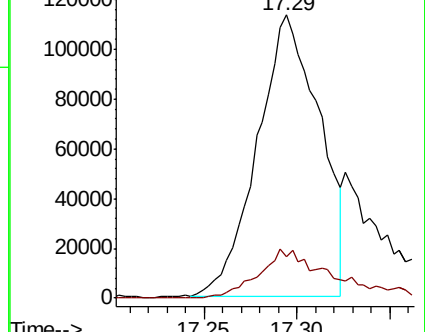
105 100

134 21.4 14.4 21.6



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: 174.333 ppbv

RT: 14.42 min Scan# 3617

Delta R.T. -0.00 min

Lab File: VL039142.D

Acq: 1 Jun 2022 00:00

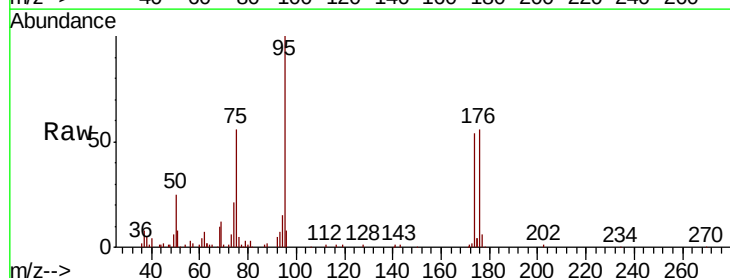
Tgt Ion: 95 Resp: 112030

Ion Ratio Lower Upper

95 100

174 77.9 53.8 80.8

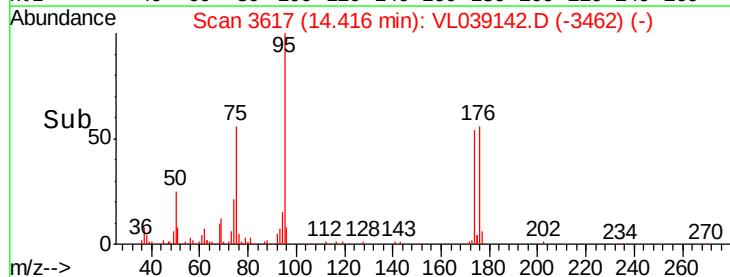
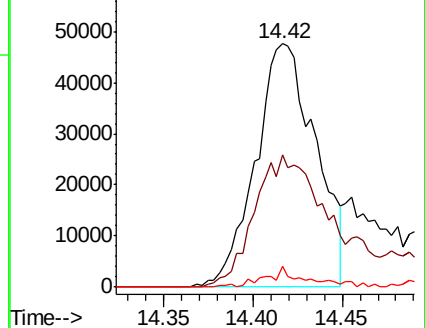
175 5.6 4.1 6.1

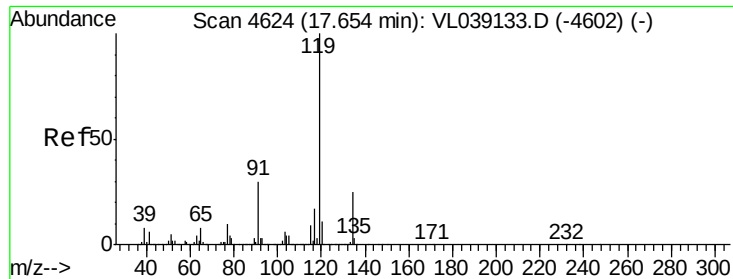


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

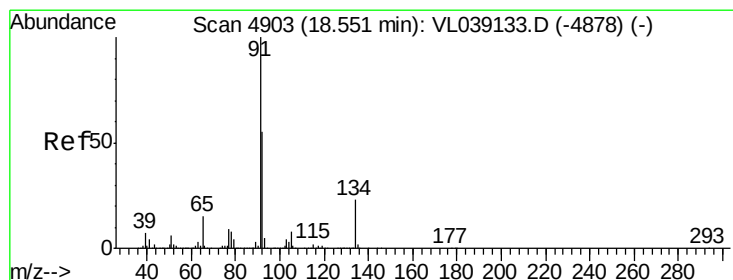
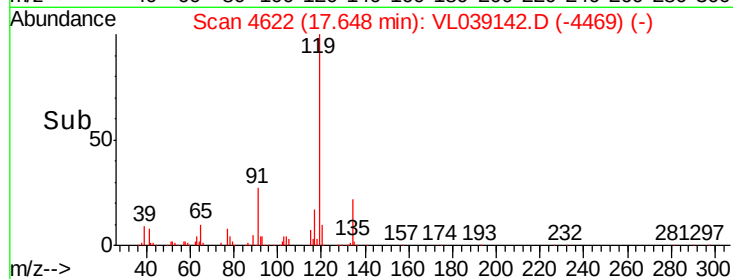
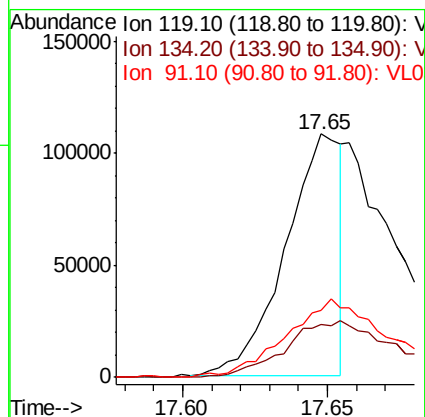
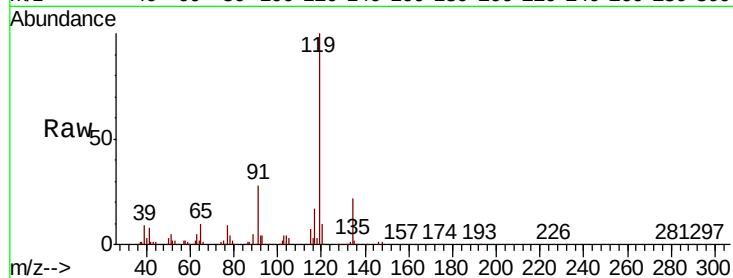
Ion 175.00 (174.70 to 175.70): V





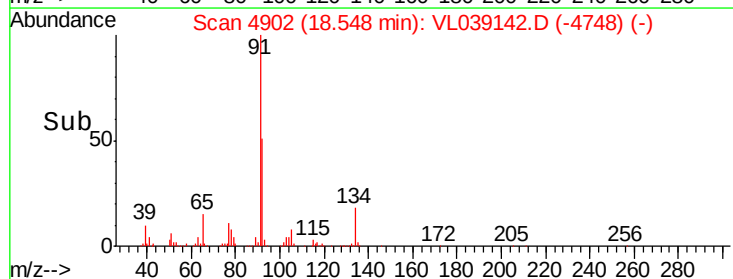
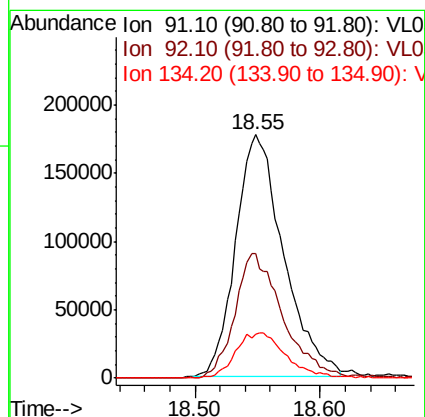
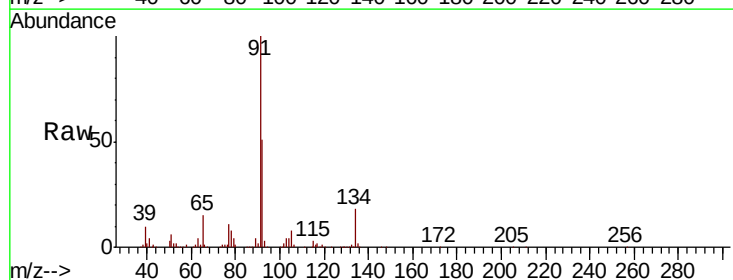
#69
 p-Isopropyltoluene
 Concen: 103.261 ppbv
 RT: 17.65 min
 Delta R.T.: 0.00 min
 Lab File: VSTDCCC010
 Acq: 1 Jun 2022 00:00

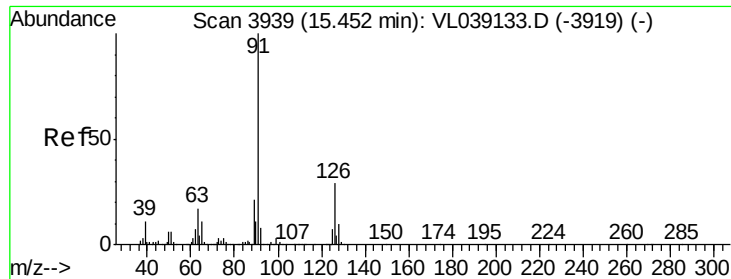
Tot Ion:	119	Resp:	143135
Ion	Ratio	Lower	Upper
119	100		
134	0.0	20.4	30.6#
91	0.0	24.2	36.4#



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

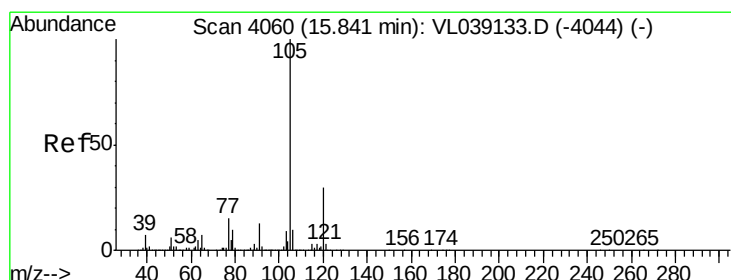
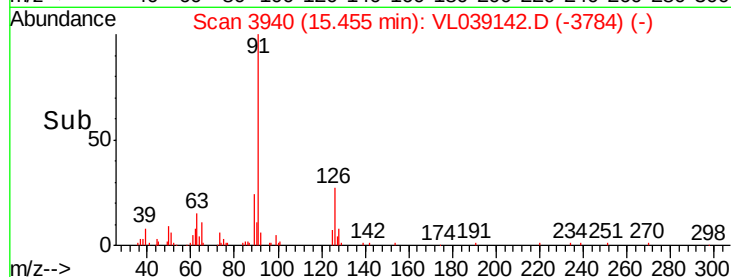
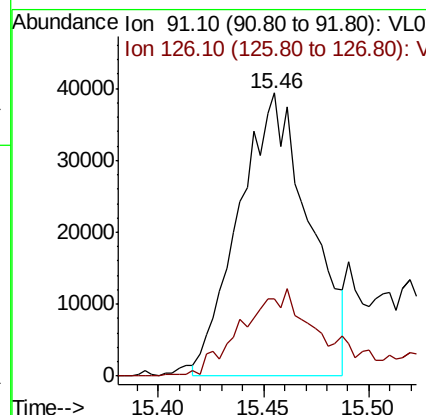
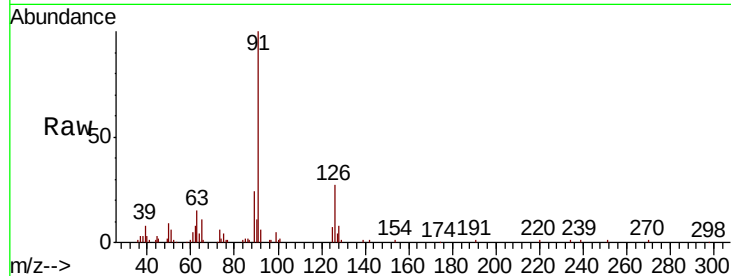
Tgt Ion:	91	Resp:	472742
Ion	Ratio	Lower	Upper
91	100		
92	51.7	43.6	65.4
134	20.0	17.7	26.5





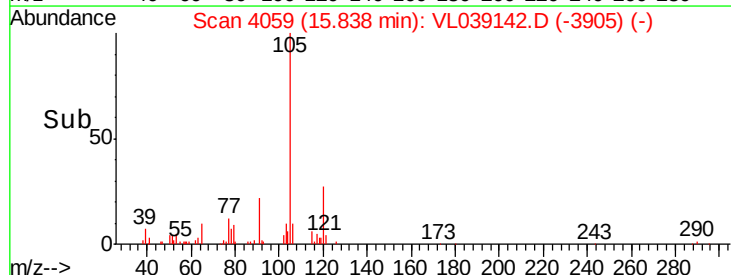
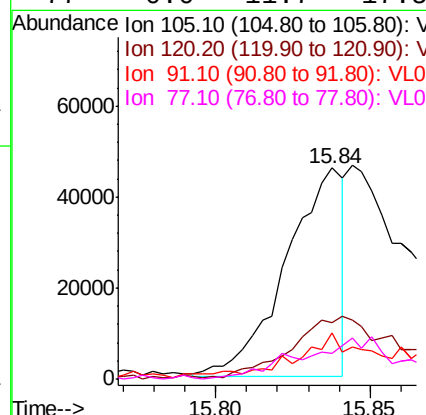
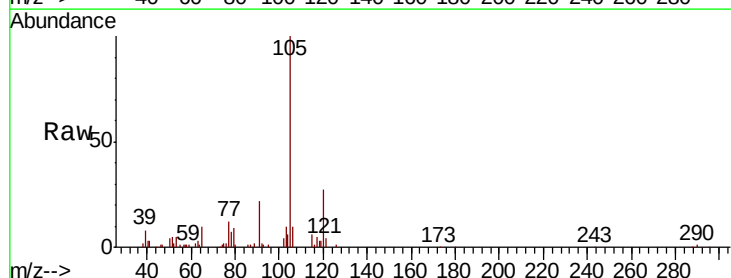
#71
 2-Chlorotoluene
 Concen: 90.761 ppbv
 RT: 15.46 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 1 Jun 2022 00:00

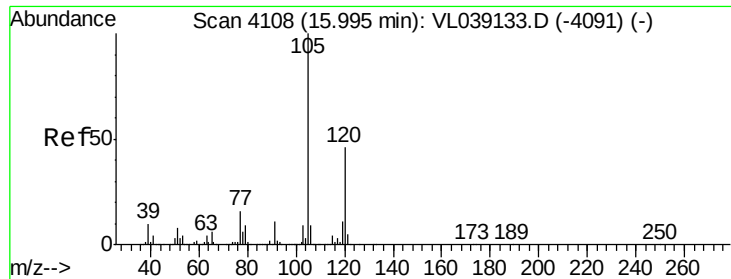
Tot Ion: 91 Resp: 91140
 Ion Ratio Lower Upper
 91 100
 126 38.5 12.2 48.6



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

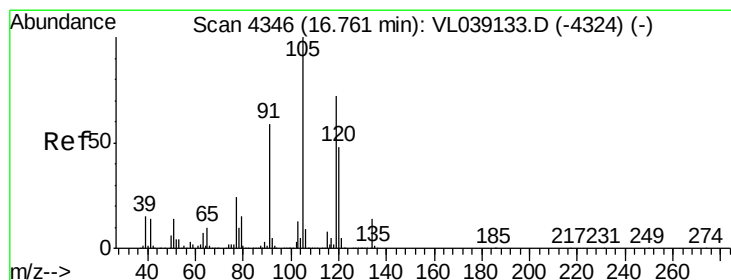
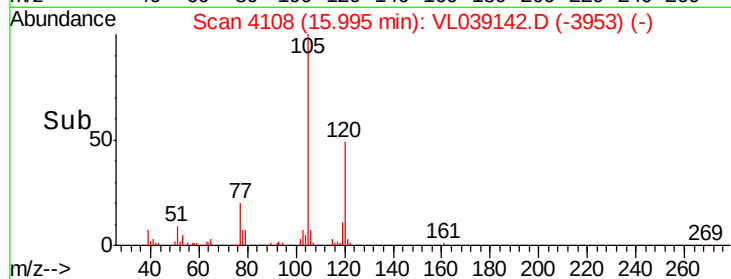
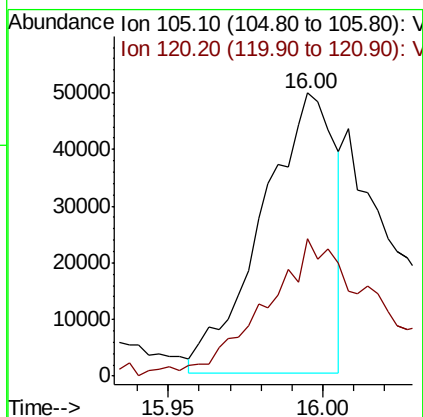
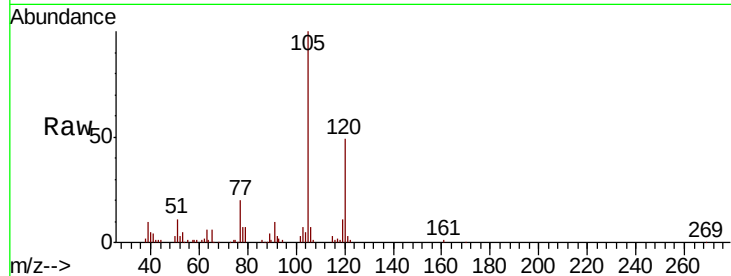
Tgt Ion:105 Resp: 59326
 Ion Ratio Lower Upper
 105 100
 120 0.0 23.9 35.9#
 91 40.9 10.6 16.0#
 77 0.0 11.7 17.5#





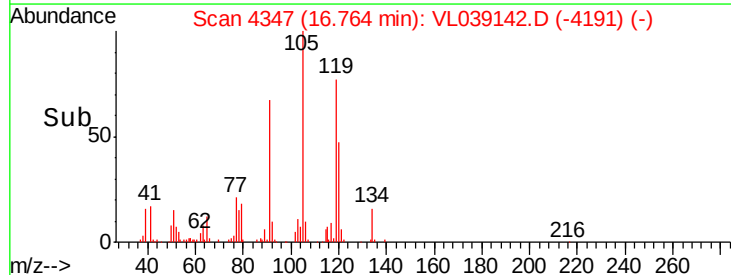
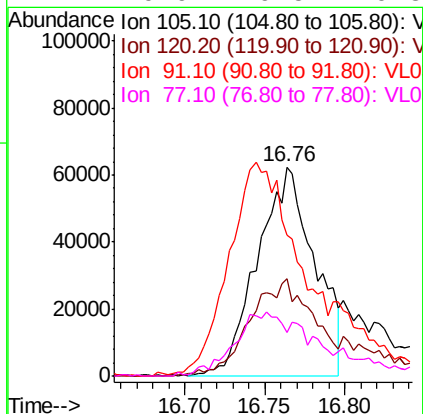
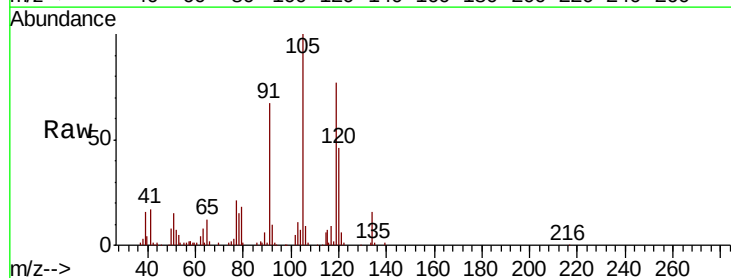
#73
 1,3,5-Trimethylbenzene
 Concen: 86.451 ppbv
 RT: 16.00
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 1 Jun 2022 00:00

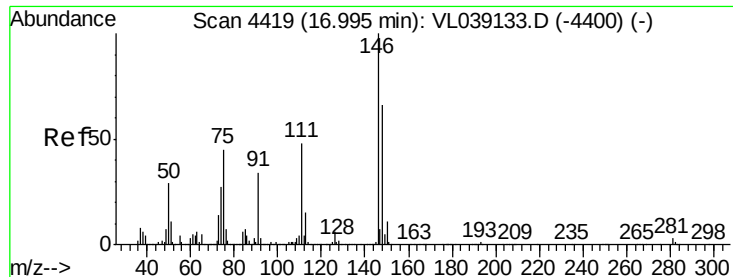
Tot Ion:105 Resp: 80966
 Ion Ratio Lower Upper
 105 100
 120 47.4 36.7 55.1



#74
 1,2,4-Trimethylbenzene
 Concen: 147.254 ppbv
 RT: 16.76 min Scan# 4347
 Delta R.T. 0.00 min
 Lab File: VL039142.D
 Acq: 1 Jun 2022 00:00

Tgt Ion:105 Resp: 153904
 Ion Ratio Lower Upper
 105 100
 120 45.1 38.1 57.1
 91 62.9 47.4 71.0
 77 19.9 19.5 29.3





#75

1,3-Dichlorobenzene

Concen: 45.798 ppbv

RT: 17.00

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 1 Jun 2022 00:00

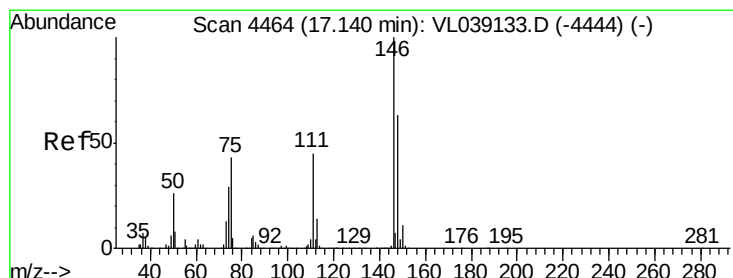
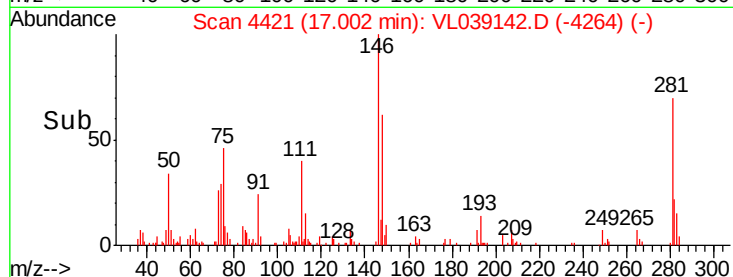
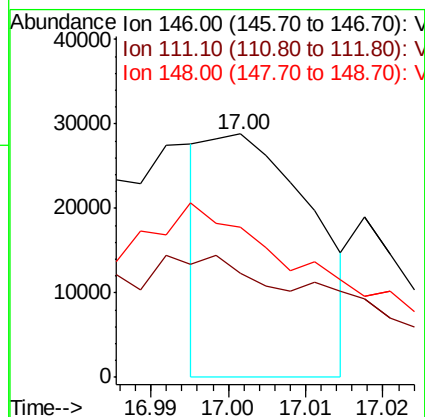
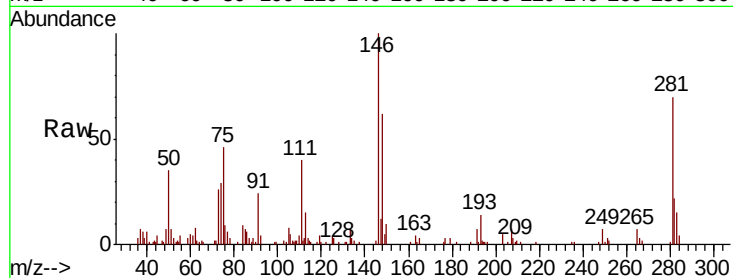
Tot Ion:146 Resp: 27093

Ion Ratio Lower Upper

146 100

111 177.9 23.8 71.4#

148 232.0 32.4 97.0#



#76

1,4-Dichlorobenzene

Concen: 60.537 ppbv

RT: 17.14 min Scan# 4463

Delta R.T. -0.00 min

Lab File: VL039142.D

Acq: 1 Jun 2022 00:00

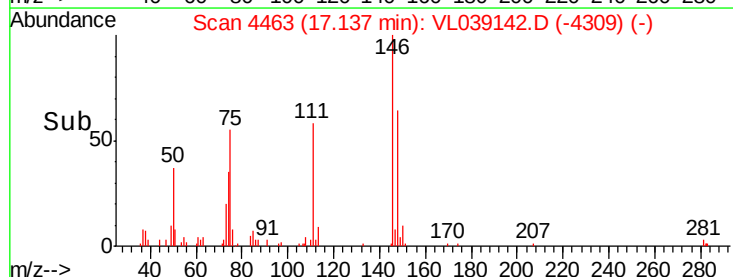
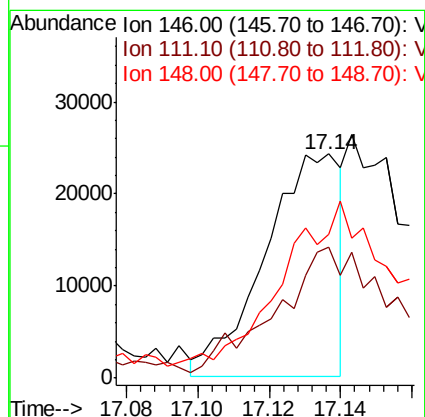
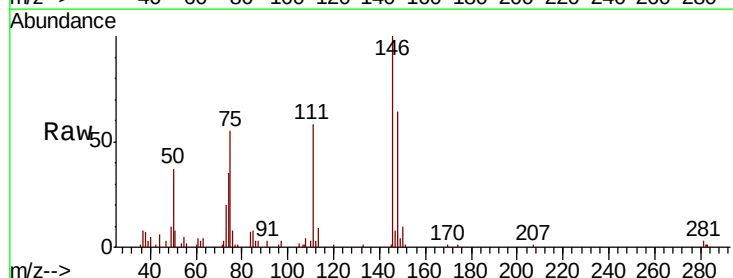
Tgt Ion:146 Resp: 35731

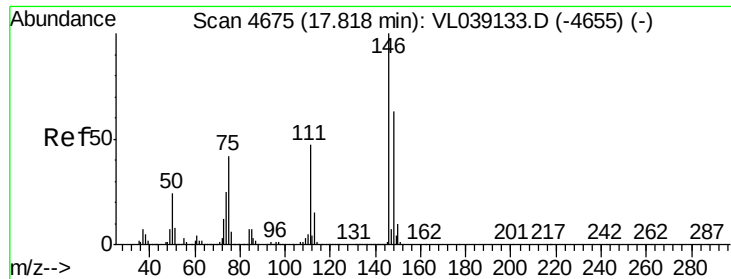
Ion Ratio Lower Upper

146 100

111 127.4 23.6 71.0#

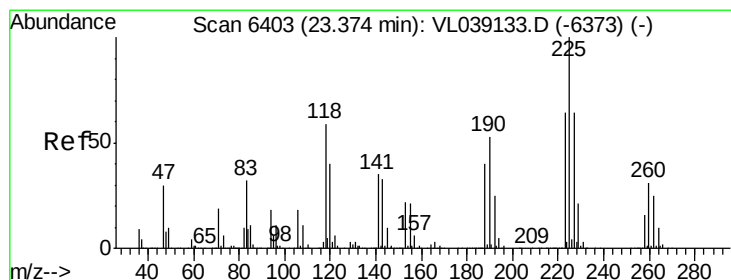
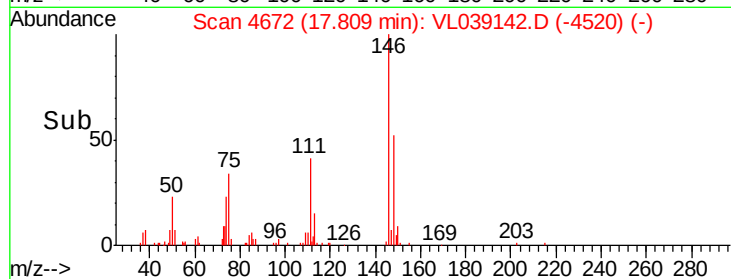
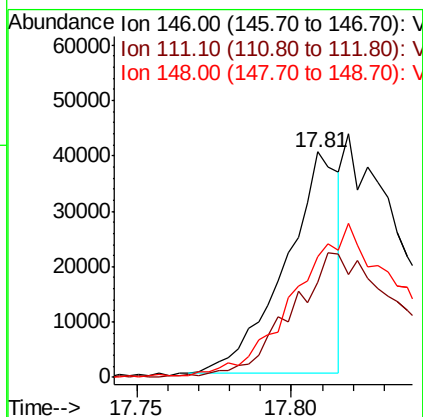
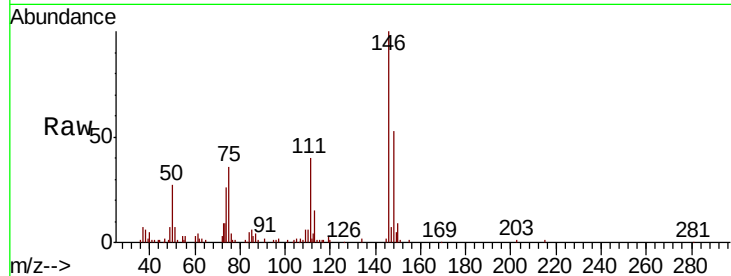
148 0.0 33.7 101.0#





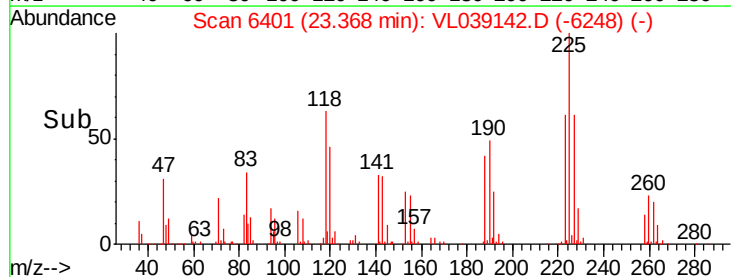
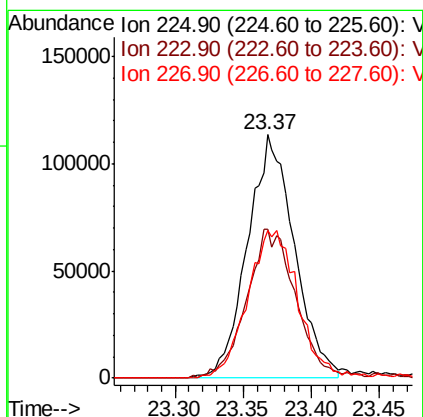
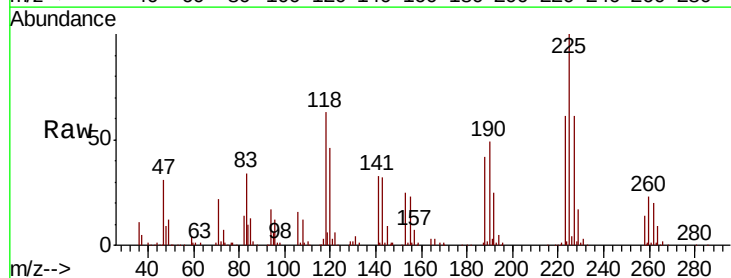
#77
 1,2-Dichlorobenzene
 Concen: 79.808 ppbv
 RT: 17.81 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 1 Jun 2022 00:00

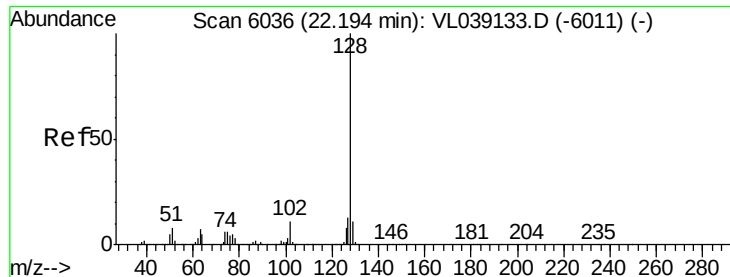
Tot Ion	Ratio	Lower	Upper
146	100		
111	139.8	24.4	73.4#
148	0.0	32.1	96.5#



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

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





#79

Naphthalene

Concen: 201.721 ppbv

RT: 22.19

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 1 Jun 2022 00:00

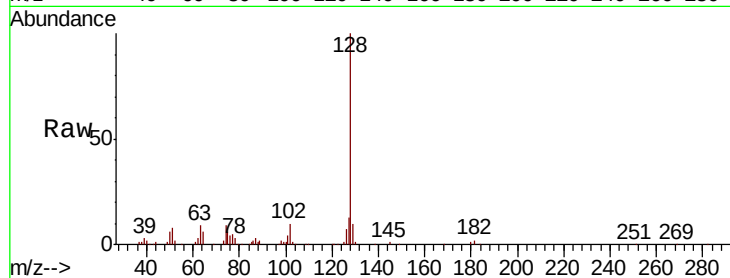
Tot Ion:128 Resp: 162298

Ion Ratio Lower Upper

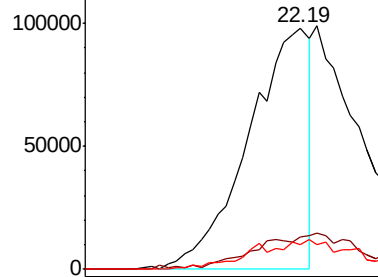
128 100

127 11.6 10.4 15.6

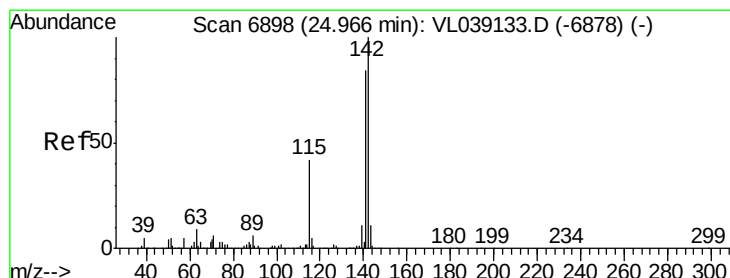
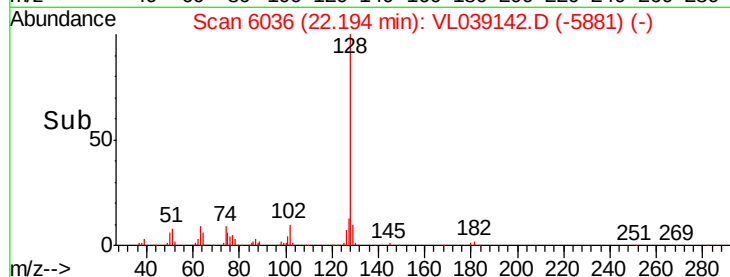
129 10.2 9.0 13.6



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



Time-->



#80

Naphthalene, 2-methyl-

Concen: 216.389 ppbv

RT: 24.97 min Scan# 6899

Delta R.T. 0.00 min

Lab File: VL039142.D

Acq: 1 Jun 2022 00:00

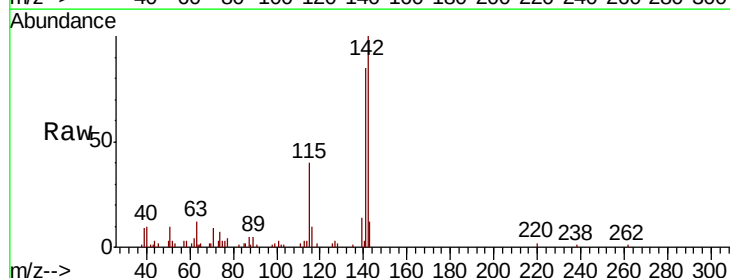
Tgt Ion:142 Resp: 64683

Ion Ratio Lower Upper

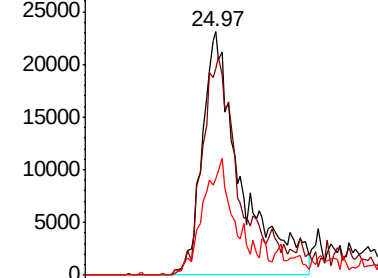
142 100

141 90.7 64.6 96.8

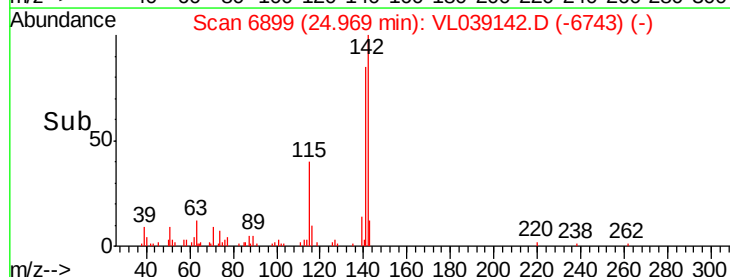
115 41.5 32.7 49.1

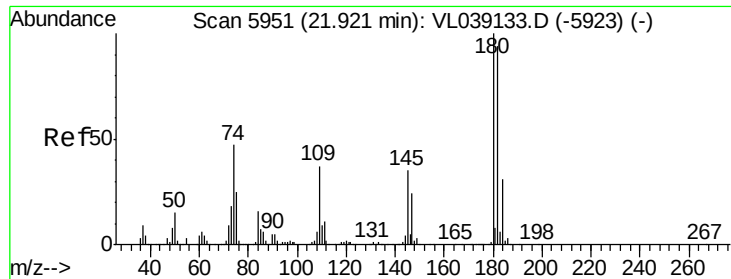


Abundance Ion 142.00 (141.70 to 142.70): V
Ion 141.00 (140.70 to 141.70): V
Ion 115.00 (114.70 to 115.70): V



Time-->





#81

1,2,4-Trichlorobenzene

Concen: 174.042 ppbv

RT: 21.92

Delta R.T: MSVOA_L

Lab File: ClientSampleId :

Acq: 1 Jun 2022 00:00

Tot Ion:180 Resp: 88710

Ion Ratio Lower Upper

180 100

182 196.7 0.0 0.0#

184 0.0 0.0 0.0

