

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL051722\
 Data File : VL039071.D
 Acq On : 17 May 2022 16:22
 Operator : SY/AP
 Sample : 0.4 MDL
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 0.4 MDL

Quant Time: May 18 01:47:55 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL050522AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu May 05 10:12:15 2022
 QLast Update : Thu May 05 10:12:15 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	778952	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.19	114	2023829	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.10	117	1741082	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	1457836	10.57	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.70%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.06	85	67075	0.550 ppbv	90
3) Chlorodifluoromethane	3.00	51	53804	0.557 ppbv	98
4) Chloromethane	3.16	50	7873	0.163 ppbv	97
5) Vinyl Chloride	3.27	62	22712	0.514 ppbv	100
6) Bromomethane	3.49	94	9249	0.443 ppbv	93
7) Chloroethane	3.56	64	3674	0.248 ppbv #	85
8) Dichlorotetrafluoroethane	3.20	85	60523	0.547 ppbv	94
9) Propene	3.02	41	6315	0.150 ppbv #	1
10) Heptane	8.14	43	31225	0.302 ppbv #	55
11) Trichlorofluoromethane	3.99	101	4093	0.039 ppbv	87
12) 1,1,2-Trichlorotrifluoroet	4.50	101	41705	0.578 ppbv	93
13) Ethanol	3.63	45	1445	0.484 ppbv	73
14) Bromoethene	3.75	108	16171	0.544 ppbv #	92
15) Acetone	3.88	43	41195	0.561 ppbv #	80
16) 1,3-Butadiene	3.34	39	20856	0.494 ppbv	87
17) tert-Butyl alcohol	4.32	59	16246	0.288 ppbv #	70
18) 1,1-Dichloroethene	4.30	96	16736	0.539 ppbv #	86
19) Isopropyl Alcohol	4.00	45	11527	0.330 ppbv #	77
20) Methylene Chloride	4.35	84	6694	0.242 ppbv #	90
21) Allyl Chloride	4.42	41	12064	0.241 ppbv #	11
22) trans-1,2-Dichloroethene	4.90	96	10368	0.309 ppbv #	70
23) Vinyl Acetate	5.09	43	12531	0.216 ppbv #	85
24) 1,1-Dichloroethane	5.02	63	34387	0.514 ppbv #	96
25) Ethyl Acetate	5.70	43	79138	0.450 ppbv #	94
26) Hexane	5.70	57	35227	0.451 ppbv	89
27) Carbon Disulfide	4.56	76	12777	0.172 ppbv #	48
28) Methyl tert-Butyl Ether	5.06	73	21395	0.360 ppbv #	65
29) Chloroform	5.76	83	71205	0.563 ppbv	95
30) Cyclohexane	7.15	84	17930	0.274 ppbv #	43
31) cis-1,2-Dichloroethene	5.56	61	15837	0.199 ppbv	87
32) 1,1,1-Trichloroethane	6.53	97	34897	0.276 ppbv #	23
34) 2-Butanone	5.27	43	51488	0.499 ppbv	93
35) Carbon Tetrachloride	7.03	117	54681	0.410 ppbv	99
36) Benzene	6.91	78	74044	0.428 ppbv	99
37) 1,2-Dichloroethane	6.32	62	51095	0.477 ppbv	99
38) Trichloroethene	7.85	130	32069	0.417 ppbv	92
39) 1,2-Dichloropropane	7.63	63	15178	0.225 ppbv #	84
40) 1,4-Dioxane	7.84	88	243	0.010 ppbv #	1
41) Tetrahydrofuran	6.09	42	10470	0.151 ppbv #	36
42) Bromodichloromethane	7.80	83	57814	0.395 ppbv #	89
43) Methyl Methacrylate	8.04	69	24605	0.350 ppbv	84

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

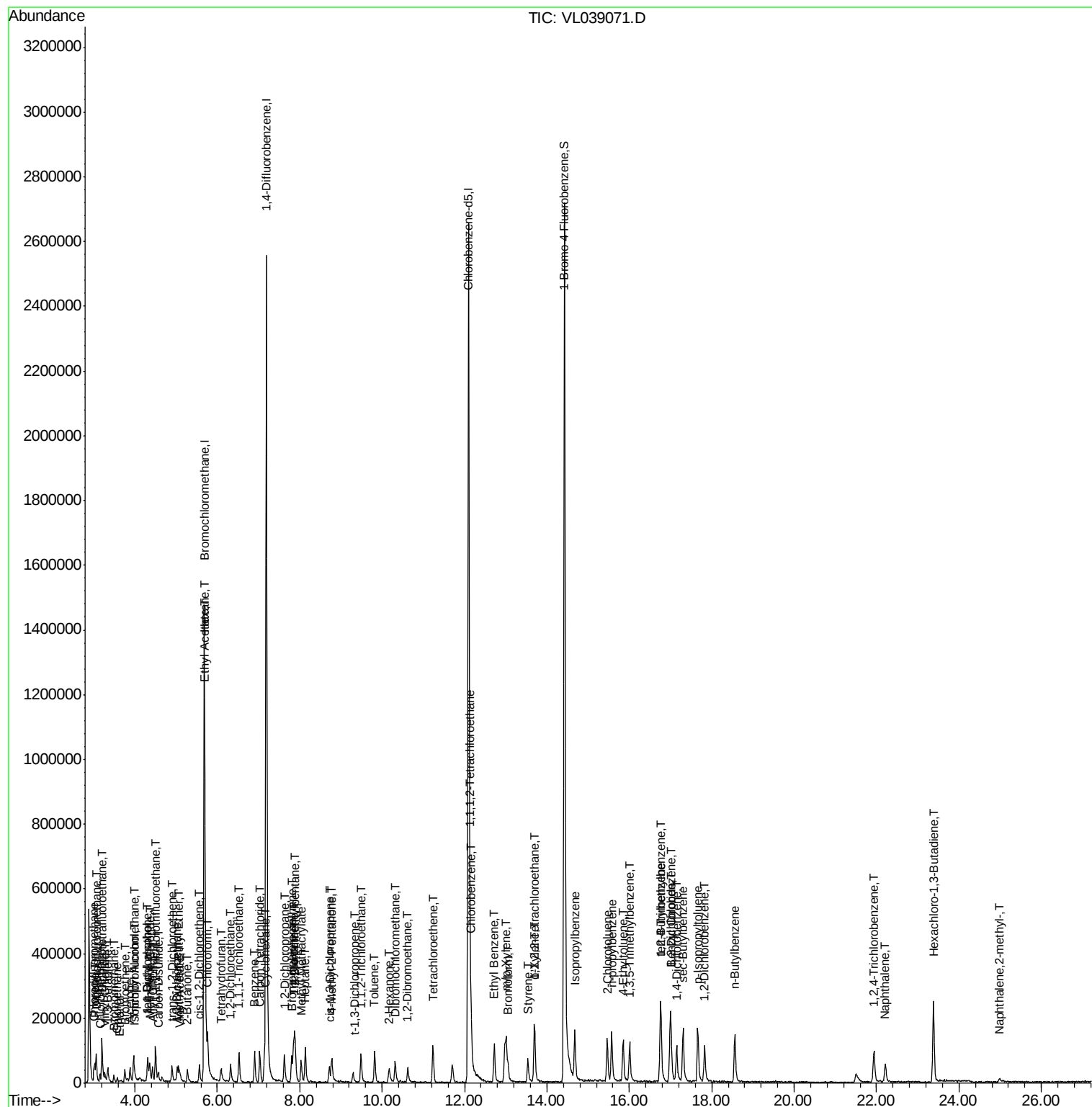
44) 2,2,4-Trimethylpentane	7.88	57	134588	0.443	ppbv	96
45) t-1,3-Dichloropropene	9.34	75	924	0.014	ppbv	91
46) cis-1,3-Dichloropropene	8.72	75	26954	0.299	ppbv	92
47) 1,1,2-Trichloroethane	9.49	97	29035	0.414	ppbv	91
48) Dibromochloromethane	10.32	129	20512	0.180	ppbv #	17
49) Bromoform	13.06	173	5910	0.068	ppbv #	1
50) 4-Methyl-2-Pentanone	8.76	43	18505	0.102	ppbv #	39
51) 2-Hexanone	10.16	43	14575	0.110	ppbv #	28
52) Tetrachloroethene	11.24	164	18034	0.291	ppbv	94
53) Toluene	9.83	91	32533	0.168	ppbv #	21
54) 1,2-Dibromoethane	10.62	107	20815	0.218	ppbv	91
56) 1,1,1,2-Tetrachloroethane	12.14	131	8364	0.109	ppbv #	9
57) Chlorobenzene	12.16	112	62643	0.480	ppbv #	81
58) Ethyl Benzene	12.73	91	44285	0.177	ppbv	92
59) m/p-Xylene	13.01	91	80166	0.375	ppbv #	15
60) o-Xylene	13.71	91	43543	0.216	ppbv #	32
61) Styrene	13.54	104	20398	0.190	ppbv #	19
62) Isopropylbenzene	14.68	105	28433	0.097	ppbv #	49
63) 1,1,2,2-Tetrachloroethane	13.69	83	53571	0.452	ppbv	99
64) n-propylbenzene	15.58	120	4105	0.058	ppbv #	1
65) tert-Butylbenzene	16.76	119	43786	0.170	ppbv #	1
66) Benzyl Chloride	17.00	91	3617	0.107	ppbv #	56
67) sec-Butylbenzene	17.30	105	152043	0.413	ppbv	100
69) p-Isopropyltoluene	17.67	119	46907	0.158	ppbv #	47
70) n-Butylbenzene	18.56	91	126936	0.401	ppbv	99
71) 2-Chlorotoluene	15.46	91	102158	0.450	ppbv	98
72) 4-Ethyltoluene	15.86	105	34519	0.150	ppbv #	55
73) 1,3,5-Trimethylbenzene	16.00	105	86241	0.418	ppbv	98
74) 1,2,4-Trimethylbenzene	16.77	105	89509	0.396	ppbv	96
75) 1,3-Dichlorobenzene	17.01	146	31890	0.257	ppbv #	25
76) 1,4-Dichlorobenzene	17.15	146	28989	0.238	ppbv #	25
77) 1,2-Dichlorobenzene	17.82	146	47546	0.388	ppbv	85
78) Hexachloro-1,3-Butadiene	23.39	225	5571	0.049	ppbv #	1
79) Naphthalene	22.21	128	38325	0.209	ppbv #	96
80) Naphthalene, 2-methyl-	24.98	142	5750	0.103	ppbv #	71
81) 1,2,4-Trichlorobenzene	21.94	180	33616	0.312	ppbv #	78

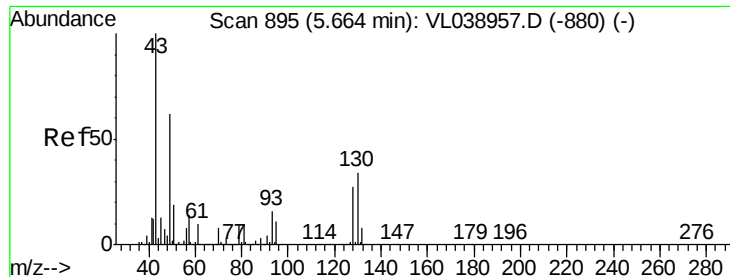
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 Instrument: MSVOA_1

Delta R.T. 0.4 MDL

Lab File: ClientSampleId:

Acq: 17 May 2022 16:22

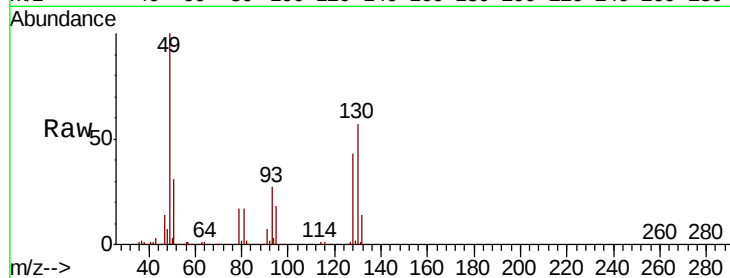
Tot Ion: 49 Resp: 778952

Ion Ratio Lower Upper

49 100

128 49.4 23.3 69.8

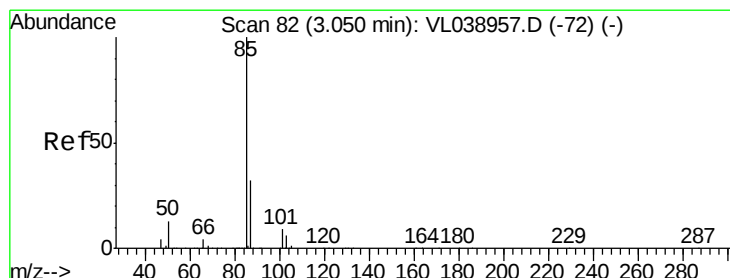
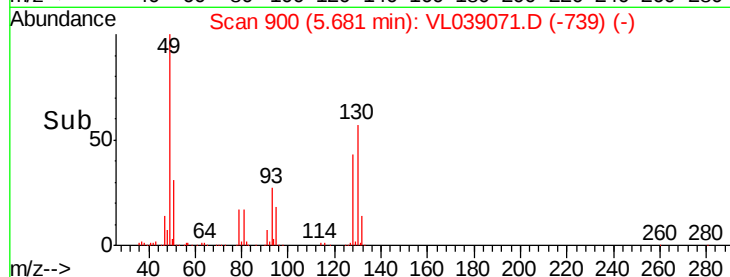
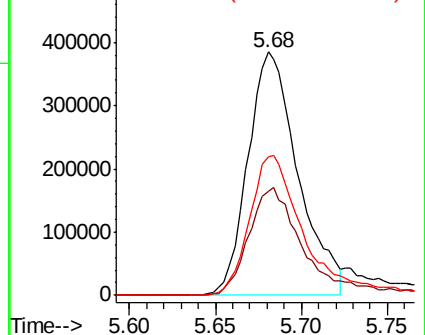
130 65.4 29.8 89.3



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: 0.550 ppbv

RT: 3.06 min Scan# 86

Delta R.T. 0.01 min

Lab File: VL039071.D

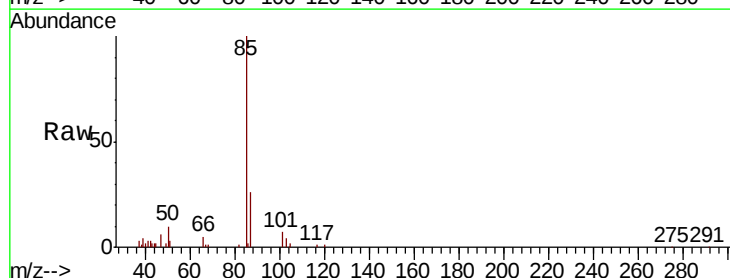
Acq: 17 May 2022 16:22

Tgt Ion: 85 Resp: 67075

Ion Ratio Lower Upper

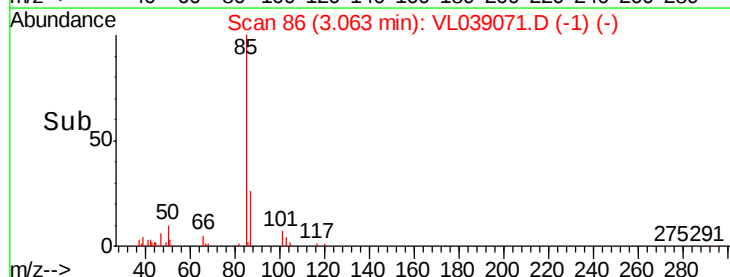
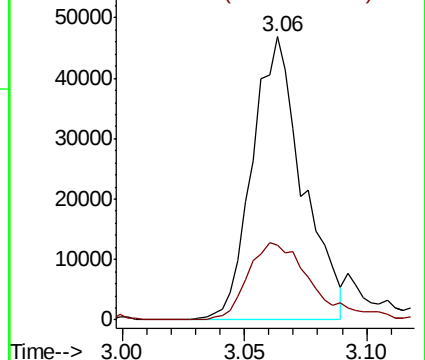
85 100

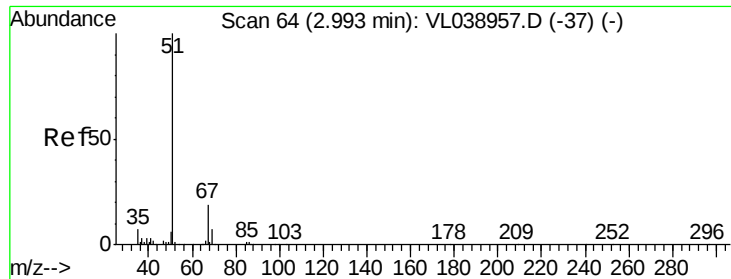
87 26.4 25.7 38.5



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.557 ppbv

RT: 3.00 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

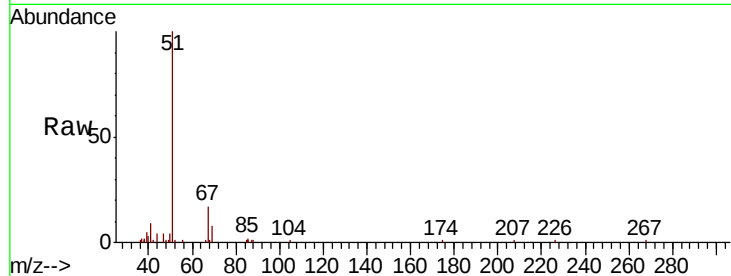
Acq: 17 May 2022 16:22

Tot Ion: 51 Resp: 53804

Ion Ratio Lower Upper

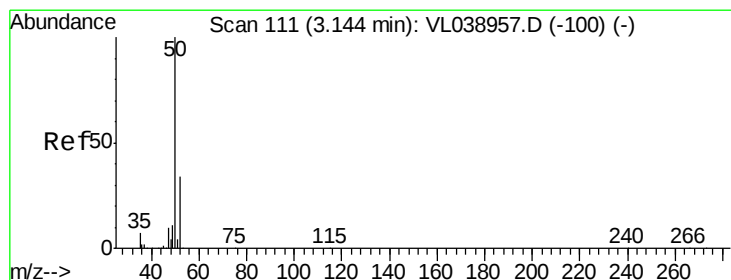
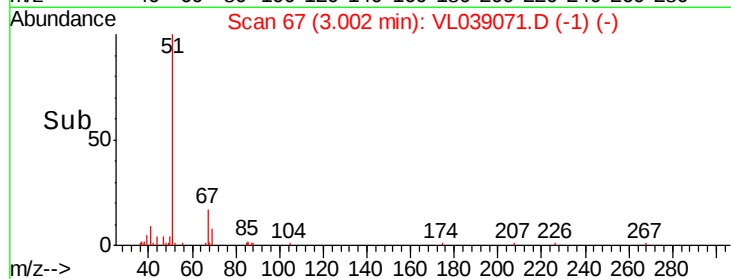
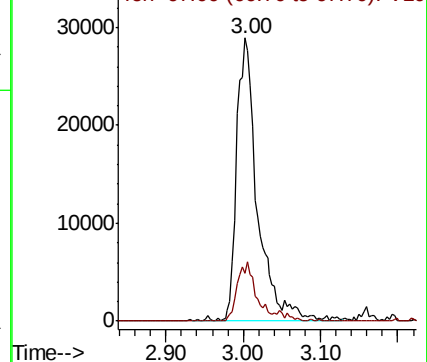
51 100

67 20.7 15.8 23.8



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 0.163 ppbv

RT: 3.16 min Scan# 115

Delta R.T. 0.01 min

Lab File: VL039071.D

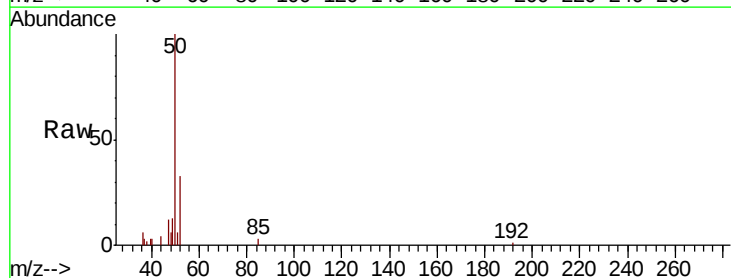
Acq: 17 May 2022 16:22

Tgt Ion: 50 Resp: 7873

Ion Ratio Lower Upper

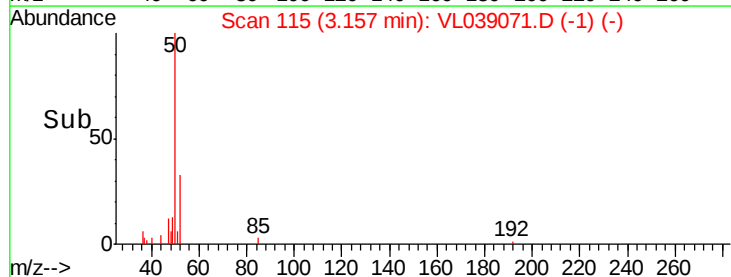
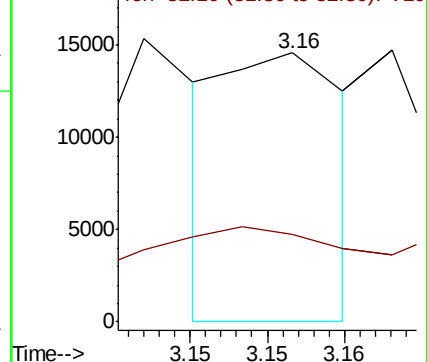
50 100

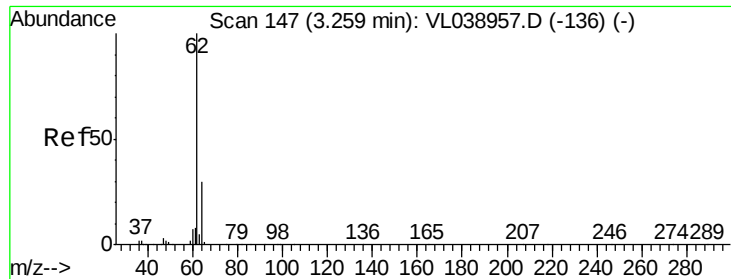
52 36.1 27.3 40.9



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#5

Vinyl Chloride

Concen: 0.514 ppbv

RT: 3.27 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

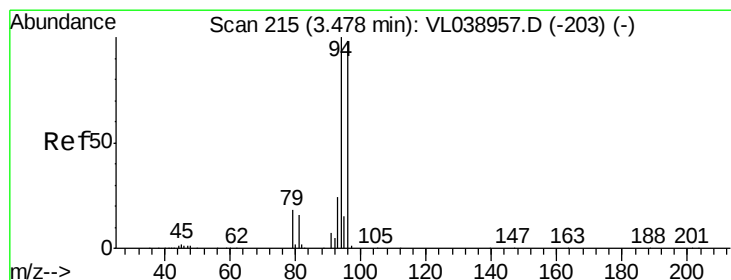
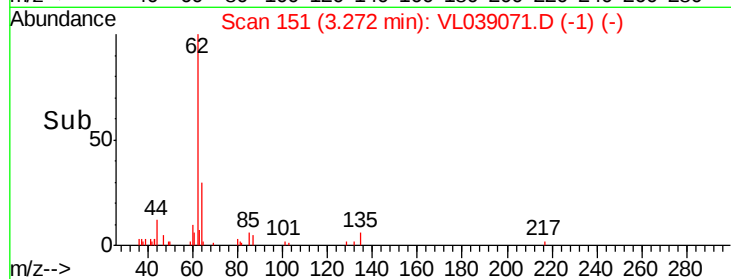
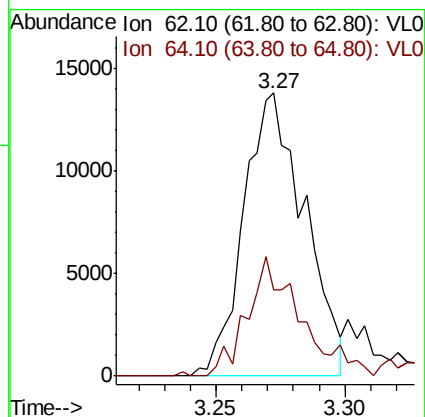
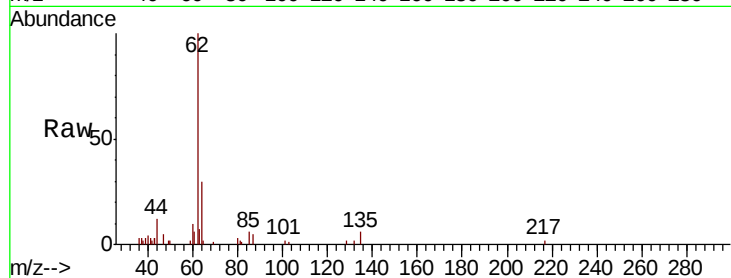
Acq: 17 May 2022 16:22

Tot Ion: 62 Resp: 22712

Ion Ratio Lower Upper

62 100

64 30.0 24.2 36.4



#6

Bromomethane

Concen: 0.443 ppbv

RT: 3.49 min Scan# 219

Delta R.T. 0.01 min

Lab File: VL039071.D

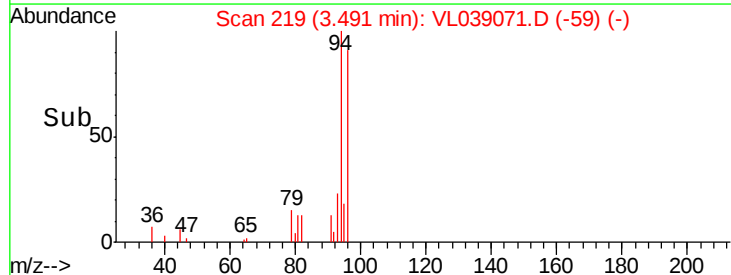
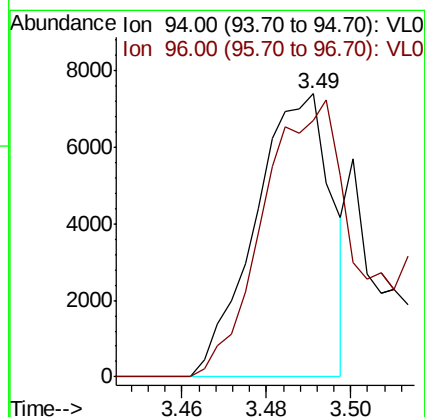
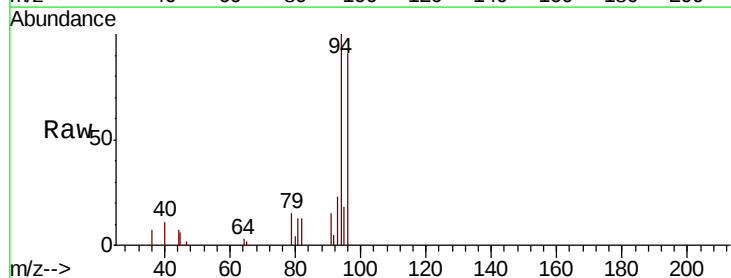
Acq: 17 May 2022 16:22

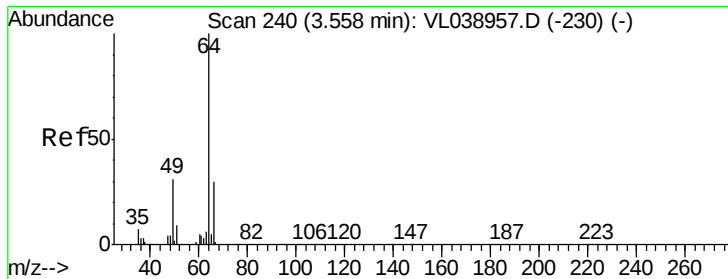
Tgt Ion: 94 Resp: 9249

Ion Ratio Lower Upper

94 100

96 90.6 78.1 117.1





#7

Chloroethane

Concen: 0.248 ppbv

RT: 3.56 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

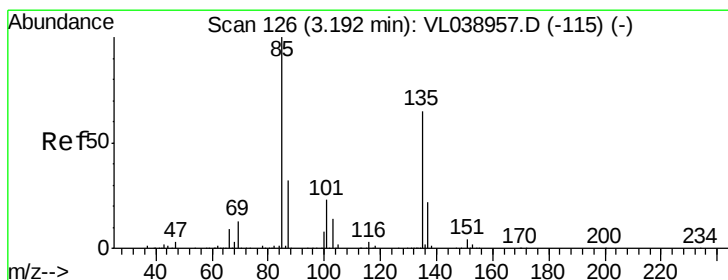
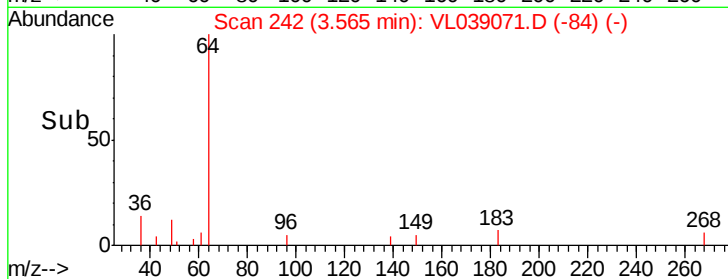
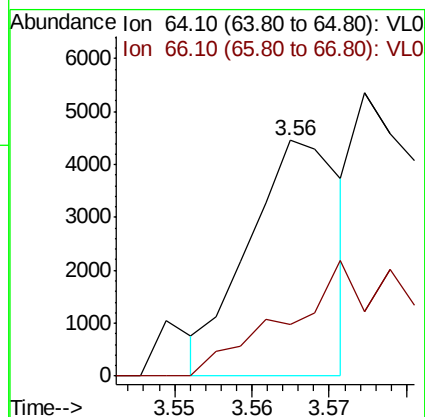
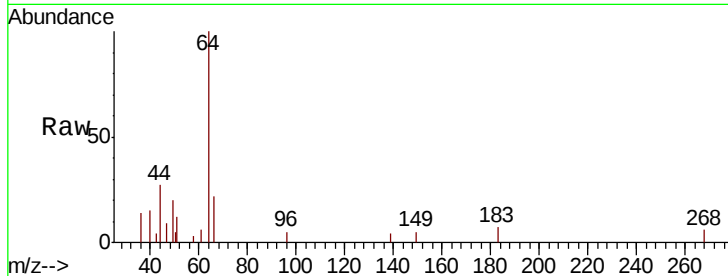
Acq: 17 May 2022 16:22

Tot Ion: 64 Resp: 3674

Ion Ratio Lower Upper

64 100

66 21.7 23.8 35.8#



#8

Dichlorotetrafluoroethane

Concen: 0.547 ppbv

RT: 3.20 min Scan# 128

Delta R.T. 0.01 min

Lab File: VL039071.D

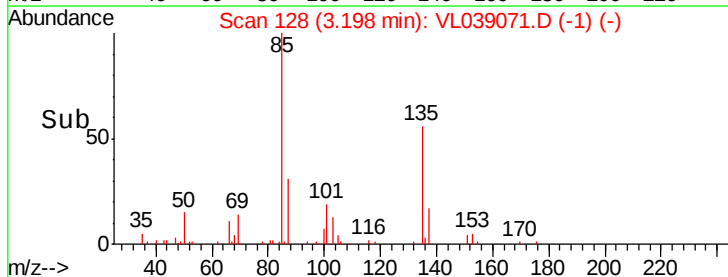
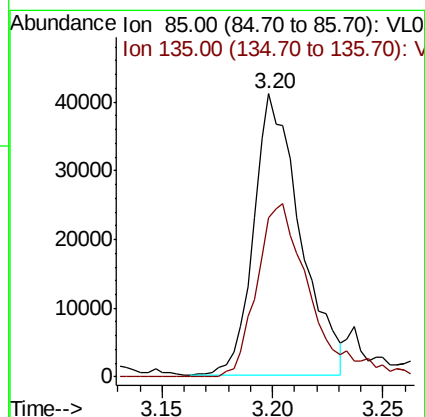
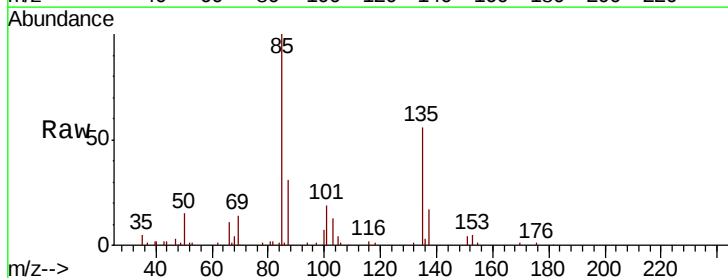
Acq: 17 May 2022 16:22

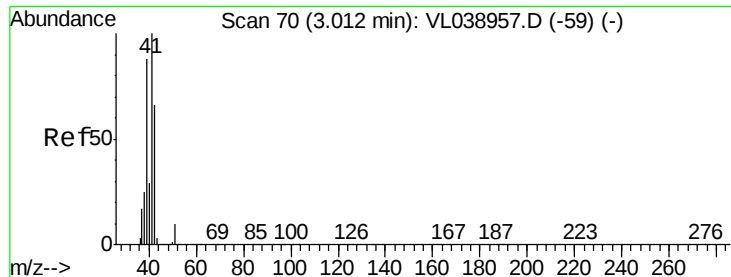
Tgt Ion: 85 Resp: 60523

Ion Ratio Lower Upper

85 100

135 72.2 53.6 80.4





#9

Propene

Concen: 0.150 ppbv

RT: 3.02 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

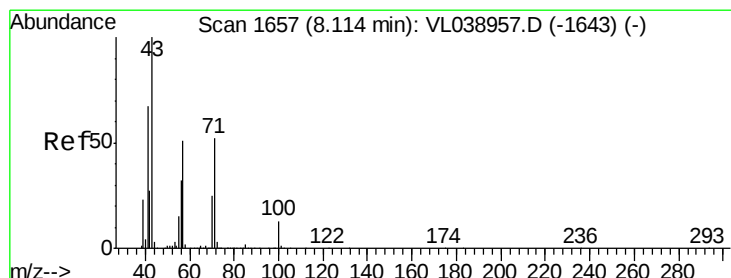
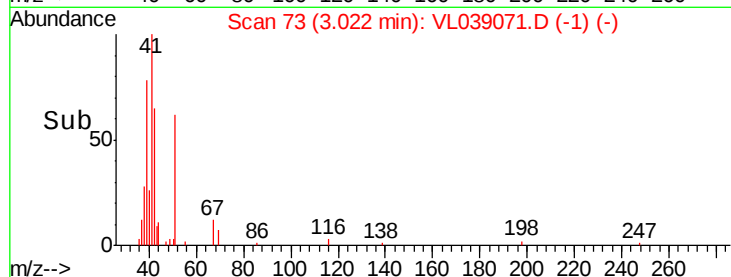
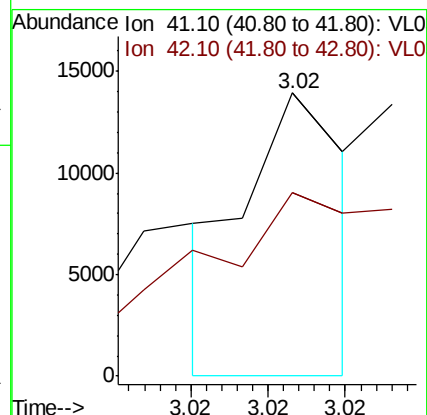
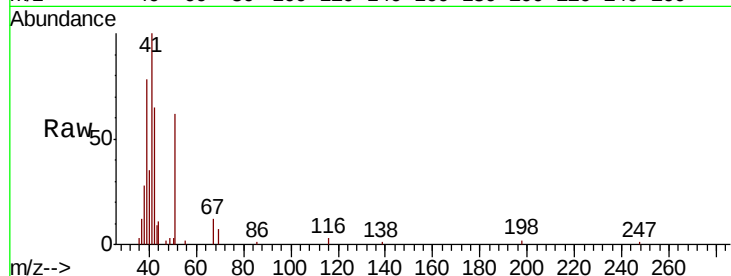
Acq: 17 May 2022 16:22

Tot Ion: 41 Resp: 6315

Ion Ratio Lower Upper

41 100

42 264.9 58.3 87.5#



#10

Heptane

Concen: 0.302 ppbv

RT: 8.14 min Scan# 1664

Delta R.T. 0.02 min

Lab File: VL039071.D

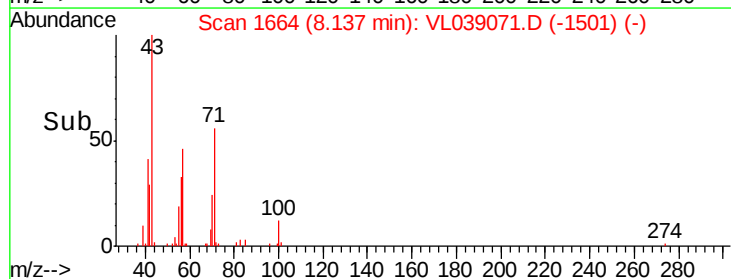
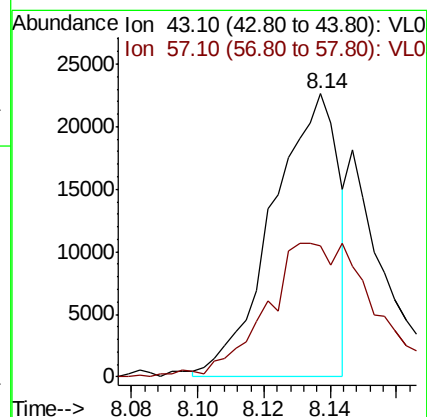
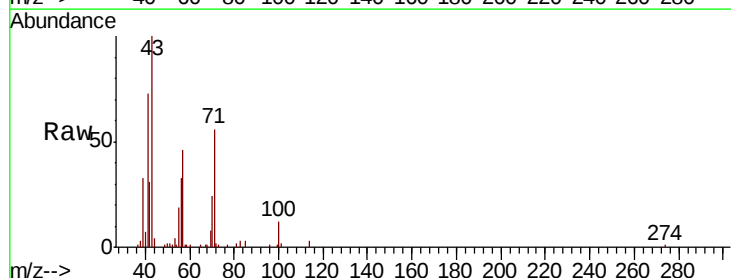
Acq: 17 May 2022 16:22

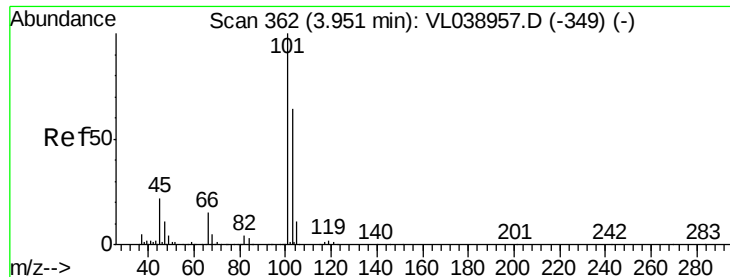
Tgt Ion: 43 Resp: 31225

Ion Ratio Lower Upper

43 100

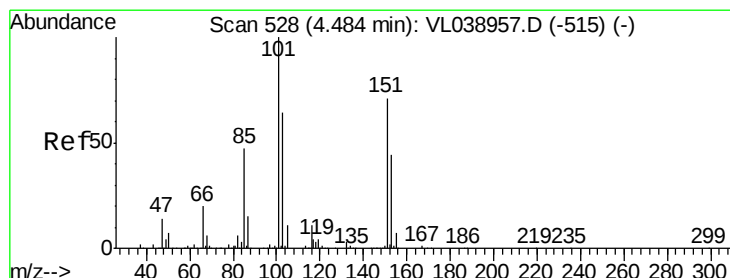
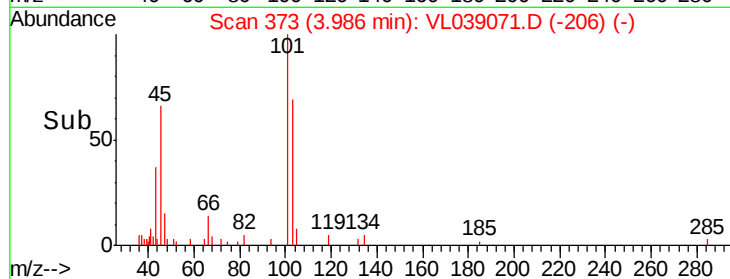
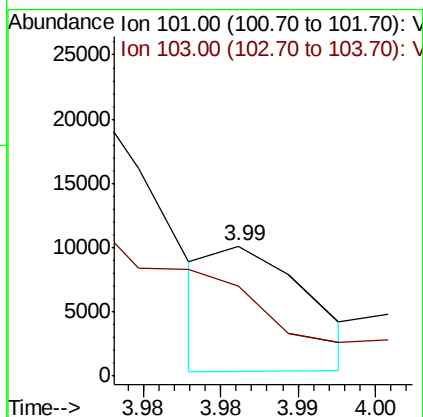
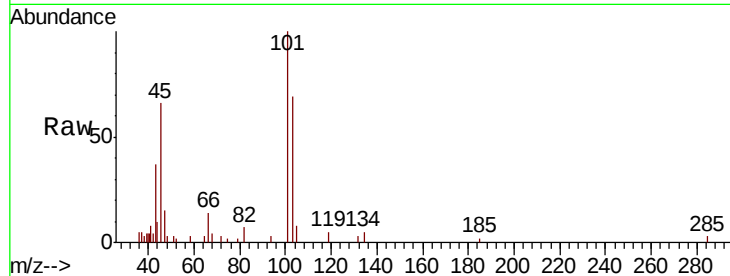
57 82.1 40.5 60.7#





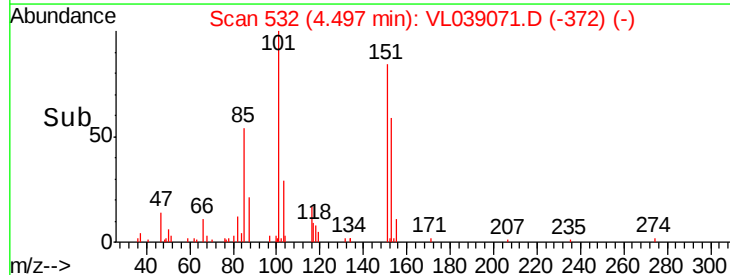
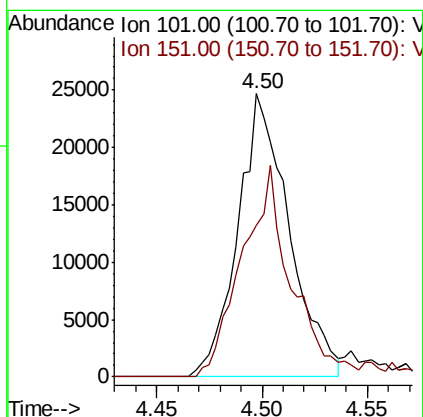
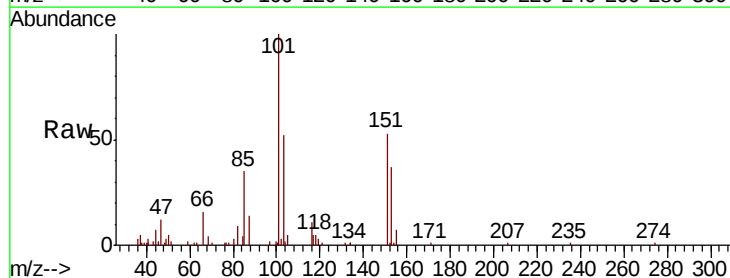
#11
 Trichlorofluoromethane
 Concen: 0.039 ppbv
 RT: 3.99 min
 Instrument: MSVOA_1
 Delta R.T.: 0.4 MDL
 Lab File: ClientSampleId:
 Acq: 17 May 2022 16:22

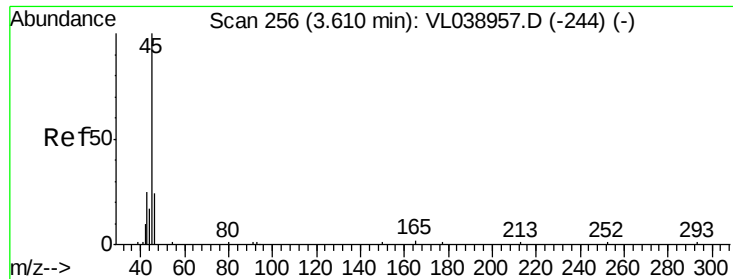
Tot Ion:101 Resp: 4093
 Ion Ratio Lower Upper
 101 100
 103 74.3 51.5 77.3



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.578 ppbv
 RT: 4.50 min Scan# 532
 Delta R.T.: 0.01 min
 Lab File: VL039071.D
 Acq: 17 May 2022 16:22

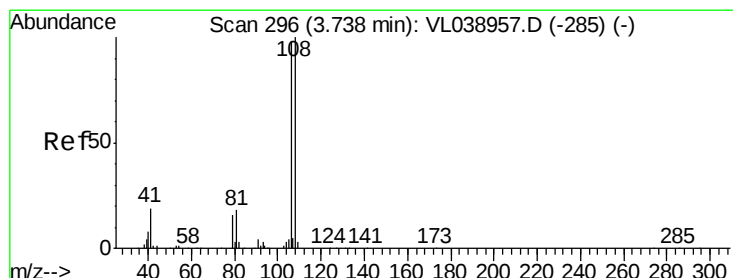
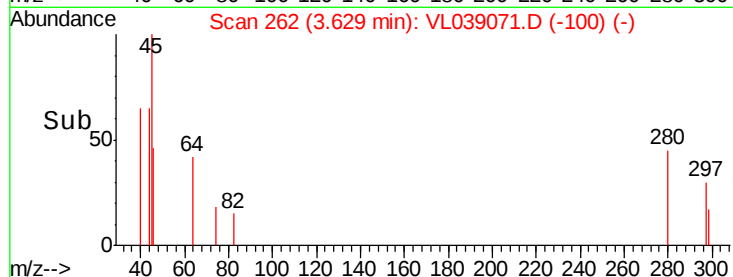
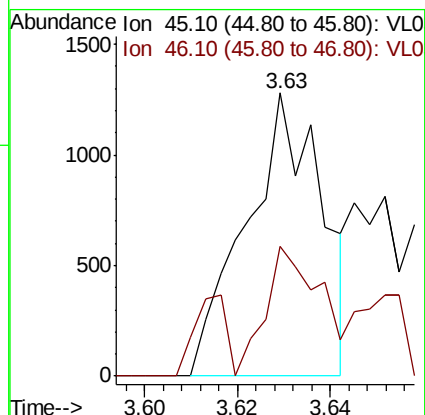
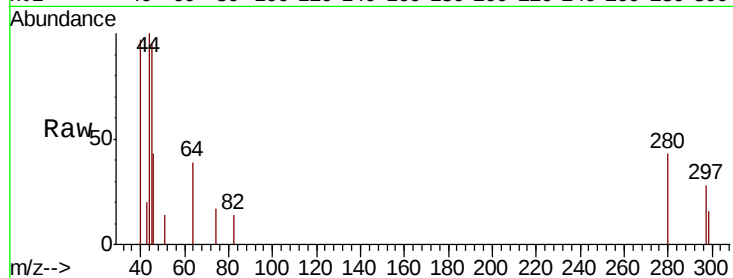
Tgt Ion:101 Resp: 41705
 Ion Ratio Lower Upper
 101 100
 151 74.5 55.4 83.0





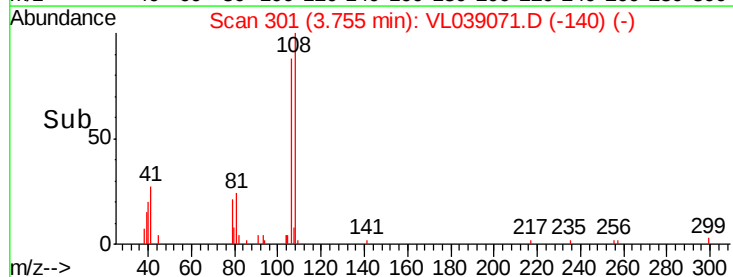
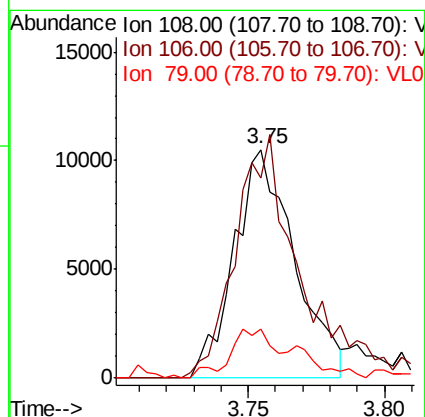
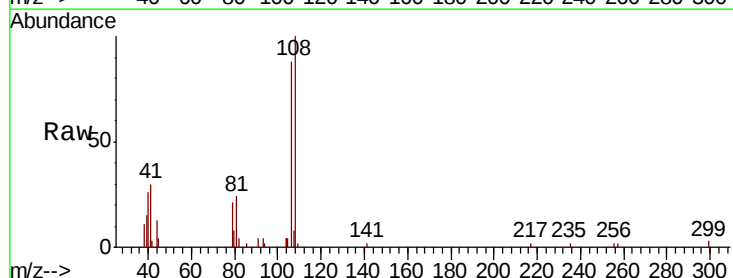
#13
 Ethanol
 Concen: 0.484 ppbv
 RT: 3.63
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 17 May 2022 16:22

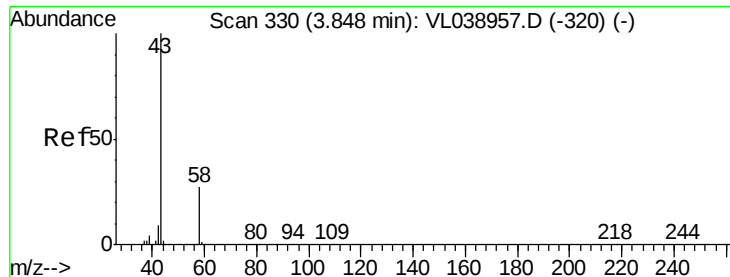
Tot Ion: 45 Resp: 1445
 Ion Ratio Lower Upper
 45 100
 46 63.0 18.0 72.2



#14
 Bromoethene
 Concen: 0.544 ppbv
 RT: 3.75 min Scan# 301
 Delta R.T. 0.02 min
 Lab File: VL039071.D
 Acq: 17 May 2022 16:22

Tgt Ion: 108 Resp: 16171
 Ion Ratio Lower Upper
 108 100
 106 120.5 90.3 135.5
 79 24.8 14.9 22.3#





#15

Acetone

Concen: 0.561 ppbv

RT: 3.88 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

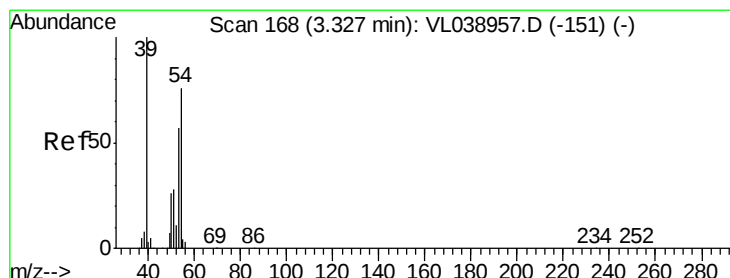
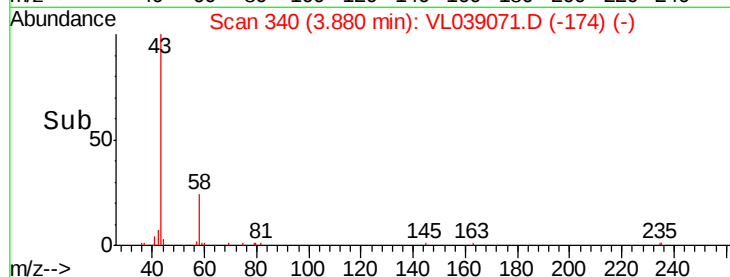
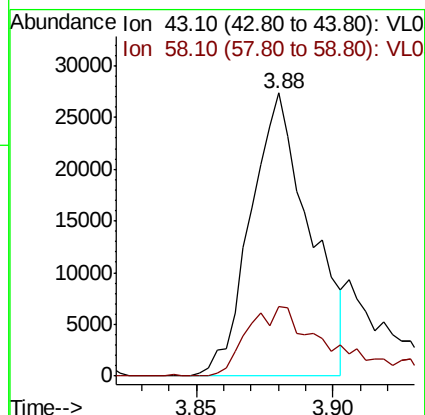
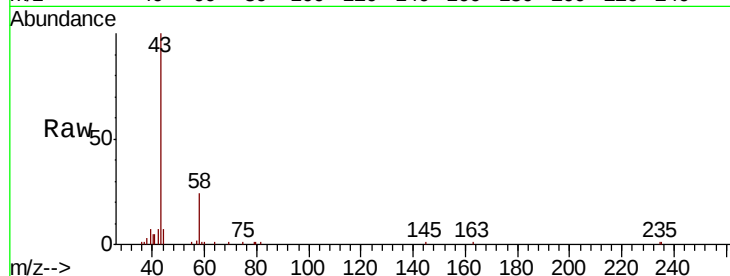
Acq: 17 May 2022 16:22

Tot Ion: 43 Resp: 41195

Ion Ratio Lower Upper

43 100

58 37.0 21.3 31.9#



#16

1,3-Butadiene

Concen: 0.494 ppbv

RT: 3.34 min Scan# 172

Delta R.T. 0.01 min

Lab File: VL039071.D

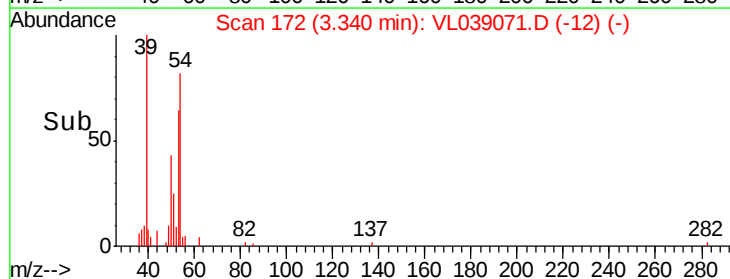
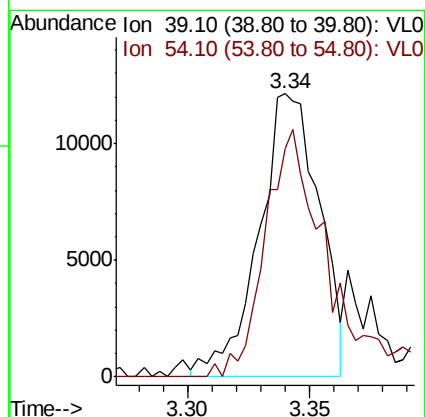
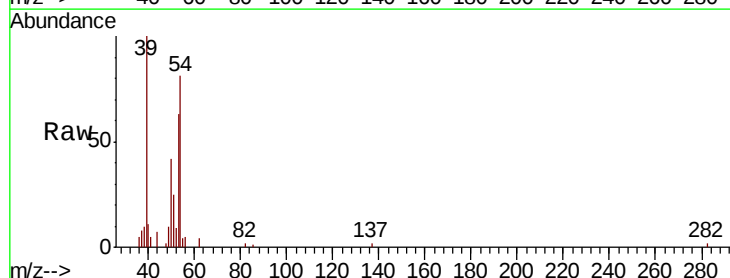
Acq: 17 May 2022 16:22

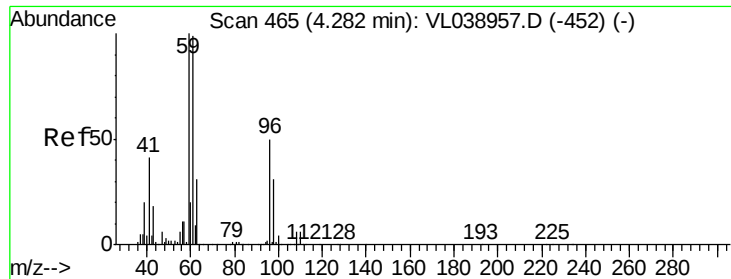
Tgt Ion: 39 Resp: 20856

Ion Ratio Lower Upper

39 100

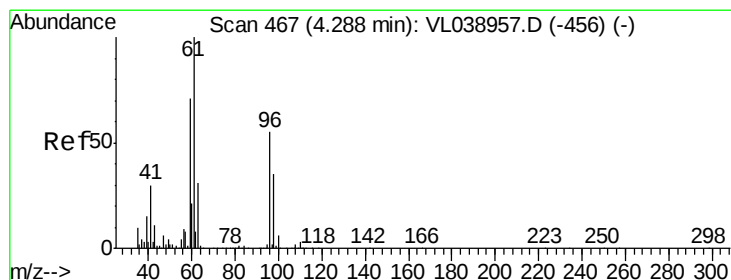
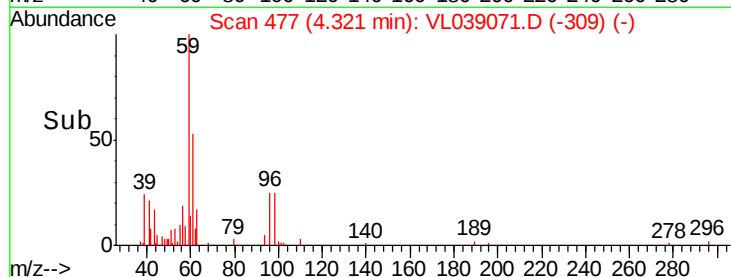
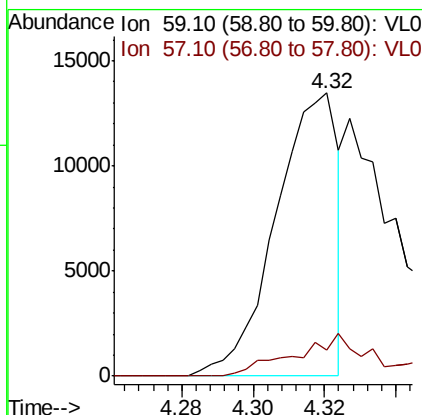
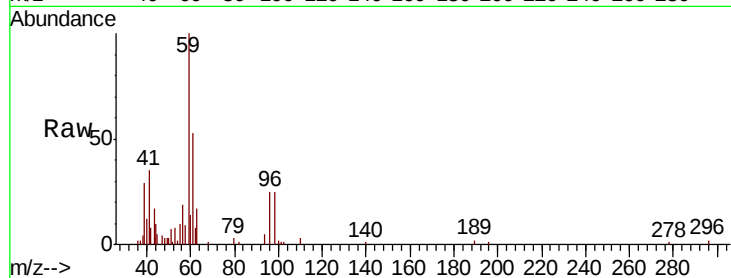
54 93.3 65.2 97.8





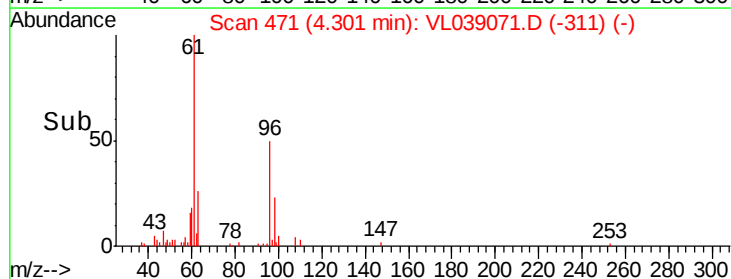
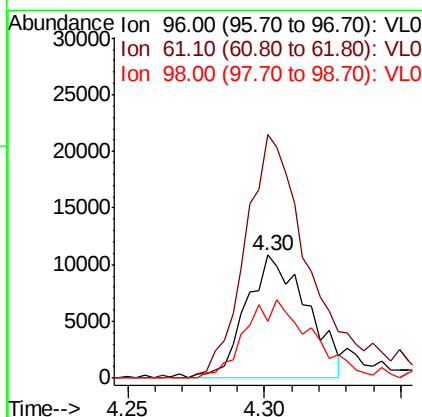
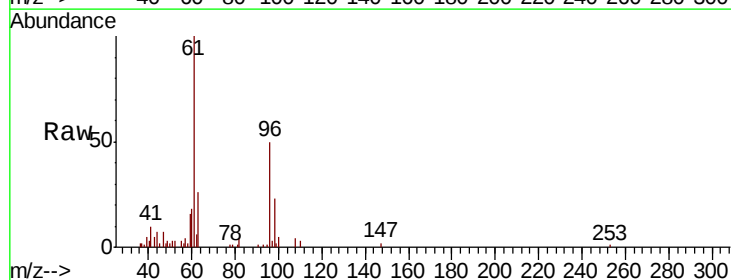
#17
 tert-Butyl alcohol
 Concen: 0.288 ppbv
 RT: 4.32
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId:
 0.4 MDL
 Acq: 17 May 2022 16:22

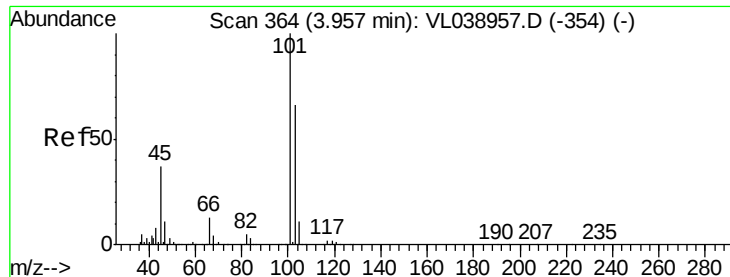
Tot Ion: 59 Resp: 16246
 Ion Ratio Lower Upper
 59 100
 57 0.0 9.2 13.8#



#18
 1,1-Dichloroethene
 Concen: 0.539 ppbv
 RT: 4.30 min Scan# 471
 Delta R.T. 0.01 min
 Lab File: VL039071.D
 Acq: 17 May 2022 16:22

Tgt Ion: 96 Resp: 16736
 Ion Ratio Lower Upper
 96 100
 61 198.2 146.3 219.5
 98 46.2 50.6 75.8#





#19

Isopropyl Alcohol

Concen: 0.330 ppbv

RT: 4.00 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

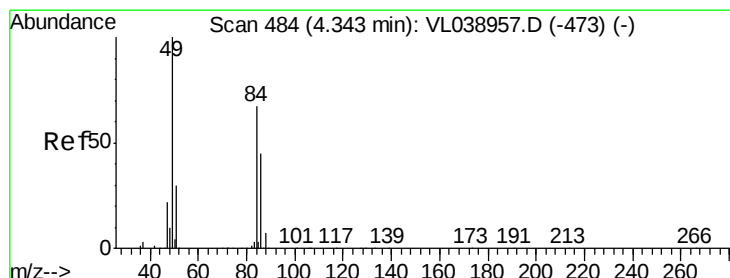
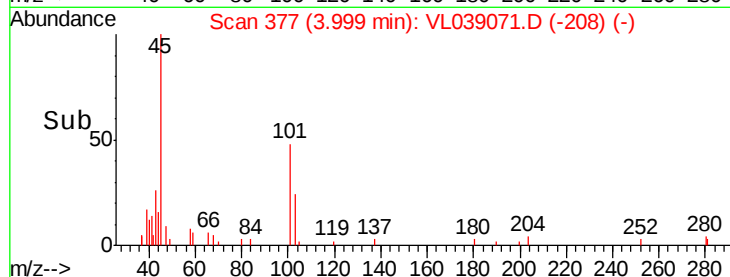
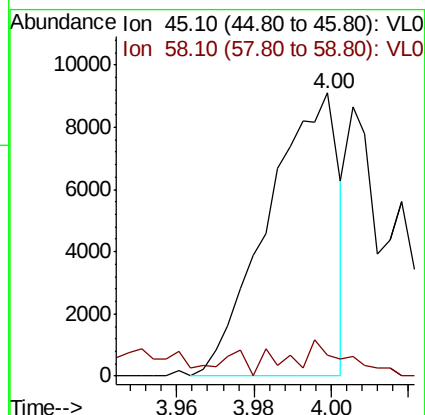
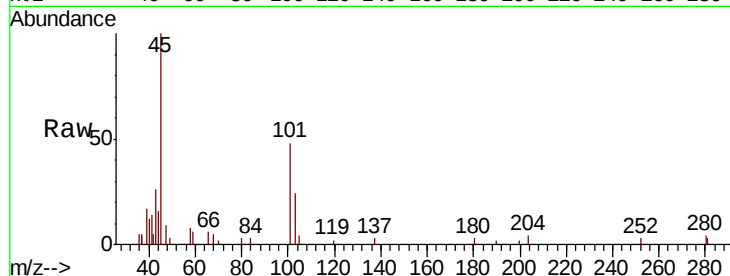
Acq: 17 May 2022 16:22

Tot Ion: 45 Resp: 11527

Ion Ratio Lower Upper

45 100

58 10.1 1.4 2.2#



#20

Methylene Chloride

Concen: 0.242 ppbv

RT: 4.35 min Scan# 487

Delta R.T. 0.01 min

Lab File: VL039071.D

Acq: 17 May 2022 16:22

Tgt Ion: 84 Resp: 6694

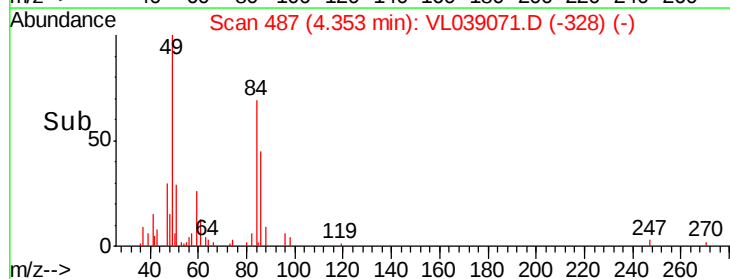
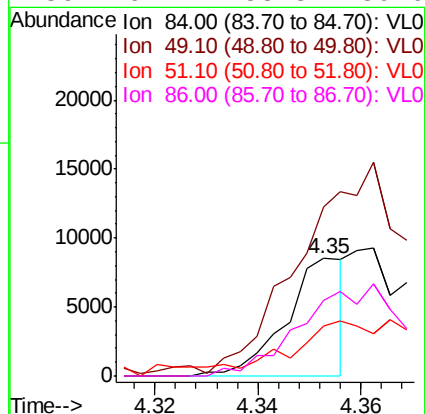
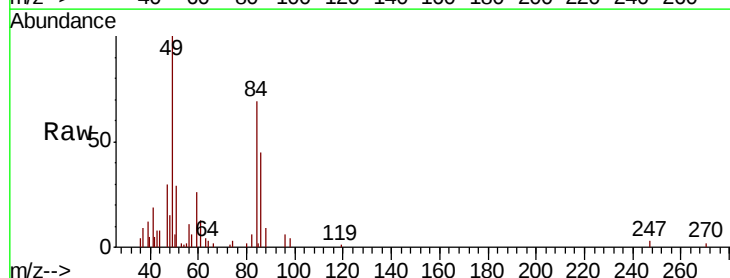
Ion Ratio Lower Upper

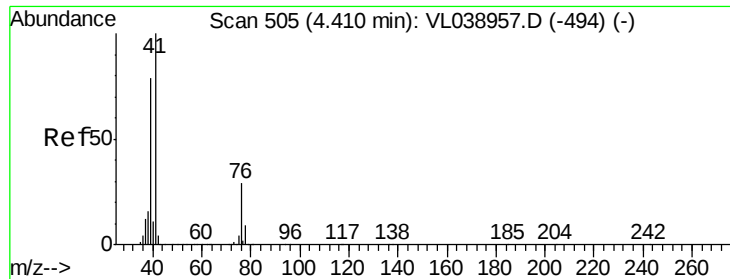
84 100

49 135.9 119.9 179.9

51 34.9 35.7 53.5#

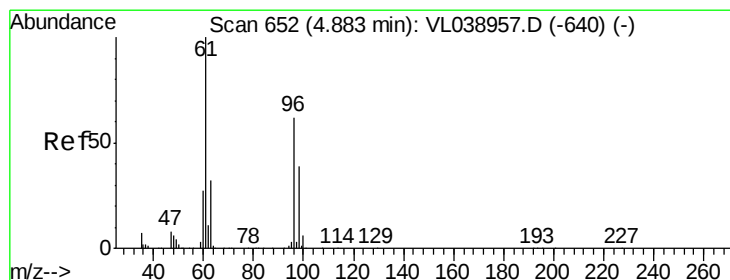
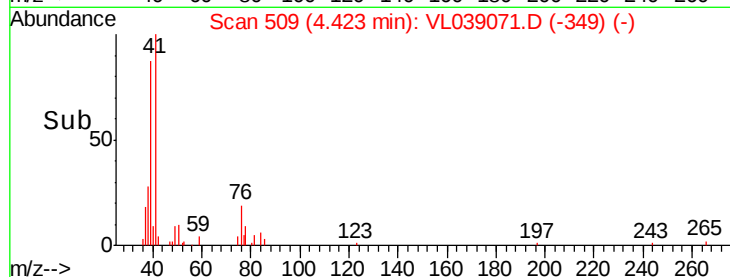
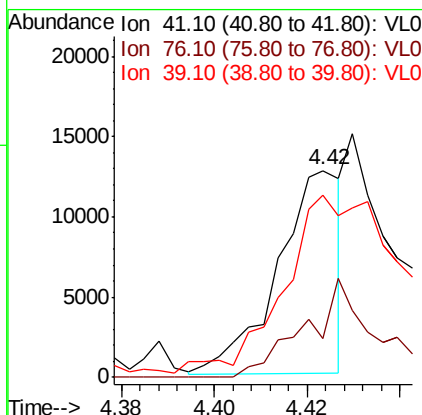
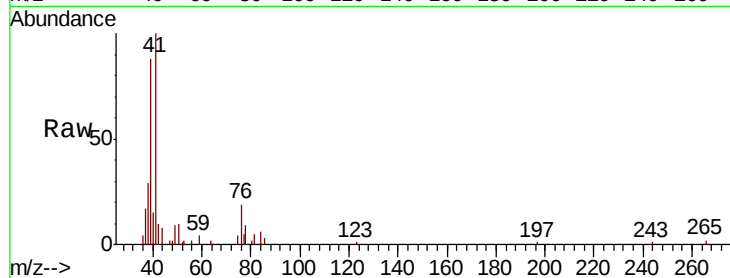
86 64.4 53.8 80.6





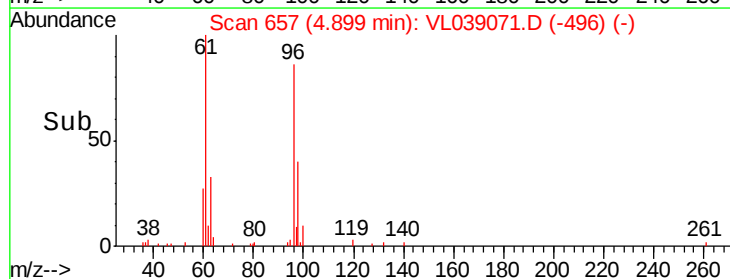
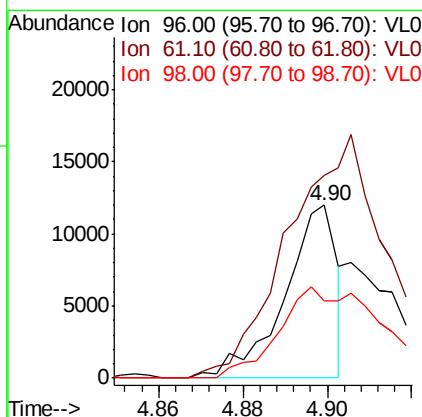
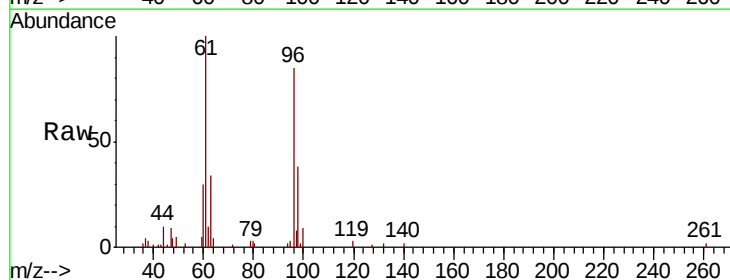
#21
Allv1 Chloride
Concen: 0.241 ppbv
RT: 4.42
Delta R.T. MSVOA_L
Lab File: ClientSampleId:
Acq: 17 May 2022 16:22

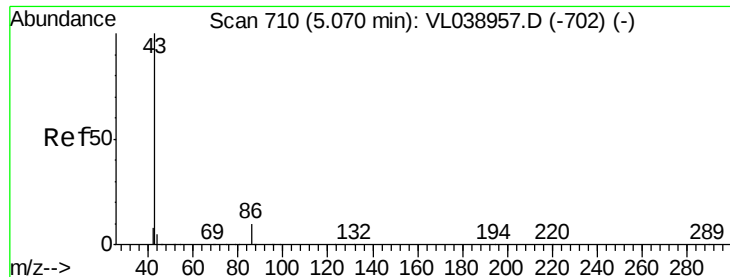
Tot Ion	Ratio	Lower	Upper
41	100		
76	63.2	24.2	36.4#
39	168.3	63.8	95.8#



#22
trans-1,2-Dichloroethene
Concen: 0.309 ppbv
RT: 4.90 min Scan# 657
Delta R.T. 0.02 min
Lab File: VL039071.D
Acq: 17 May 2022 16:22

Tgt Ion	Ratio	Lower	Upper
96	100		
61	117.0	128.2	192.2#
98	44.8	50.1	75.1#





#23

Vinyl Acetate

Concen: 0.216 ppbv

RT: 5.09 Instrument:

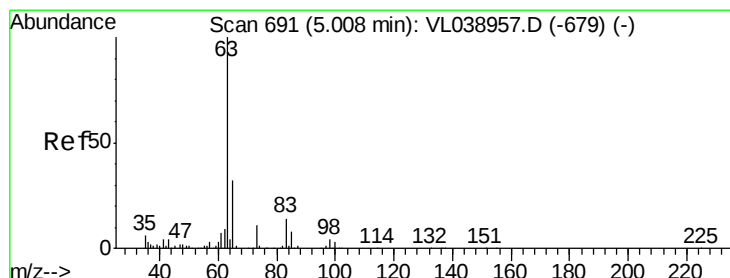
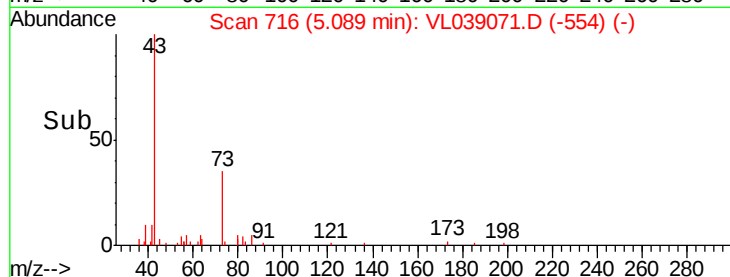
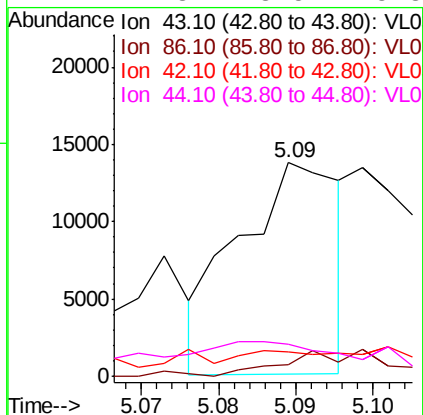
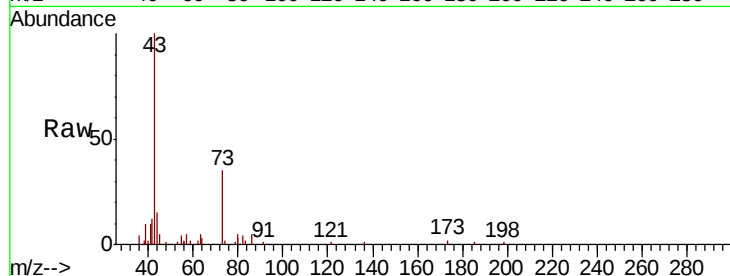
Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 17 May 2022 16:22

Tot Ion: 43 Resp: 12531

Ion	Ratio	Lower	Upper
43	100		
86	5.8	6.6	9.8#
42	0.7	8.1	12.1#
44	7.3	3.5	5.3#



#24

1,1-Dichloroethane

Concen: 0.514 ppbv

RT: 5.02 min Scan# 696

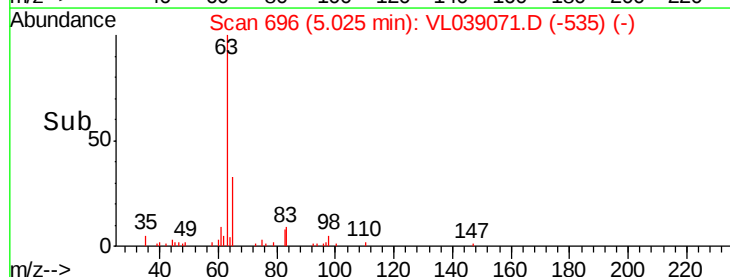
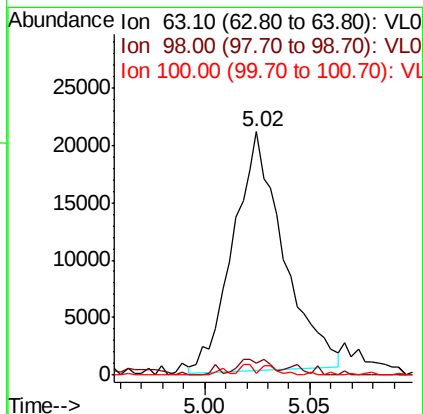
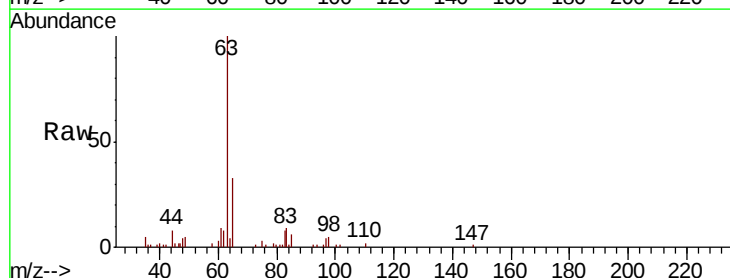
Delta R.T. 0.02 min

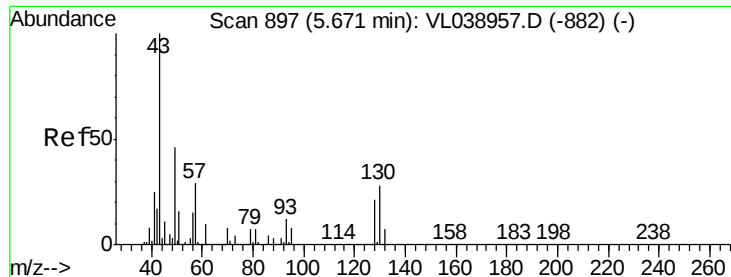
Lab File: VL039071.D

Acq: 17 May 2022 16:22

Tgt Ion: 63 Resp: 34387

Ion	Ratio	Lower	Upper
63	100		
98	5.2	2.1	6.2
100	0.8	1.4	4.2#





#25

Ethyl Acetate

Concen: 0.450 ppbv

RT: 5.70 Instrument: MSVOA_1

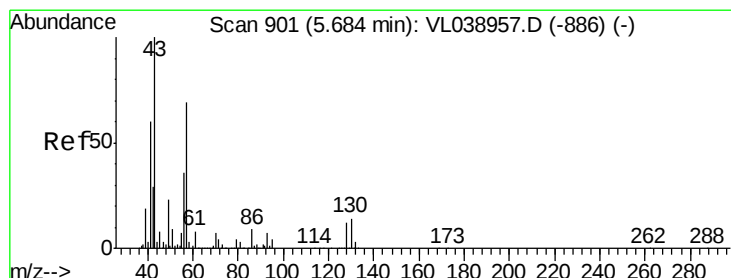
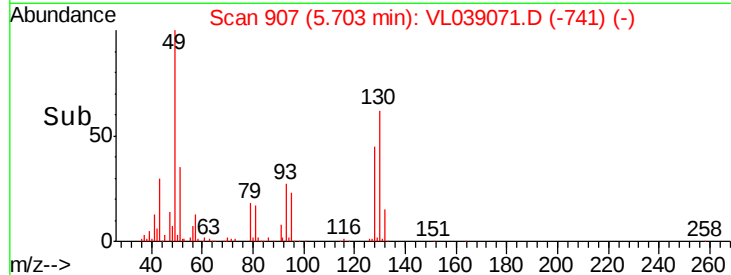
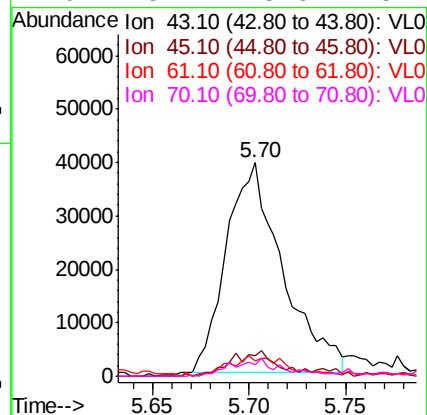
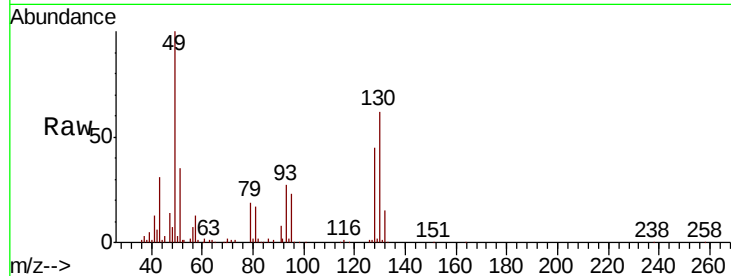
Delta R.T. 0.02 min

Lab File: ClientSampleId: 0.4 MDL

Acq: 17 May 2022 16:22

Tot Ion: 43 Resp: 79138

Ion	Ratio	Lower	Upper
43	100		
45	12.1	8.1	12.1
61	12.5	7.8	11.6#
70	8.4	5.6	8.4#



#26

Hexane

Concen: 0.451 ppbv

RT: 5.70 min Scan# 906

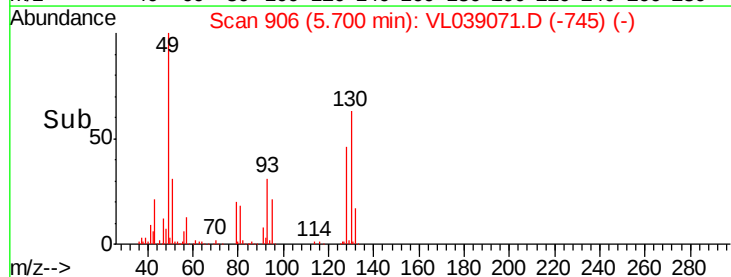
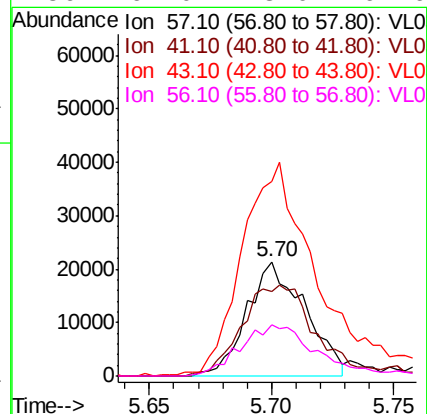
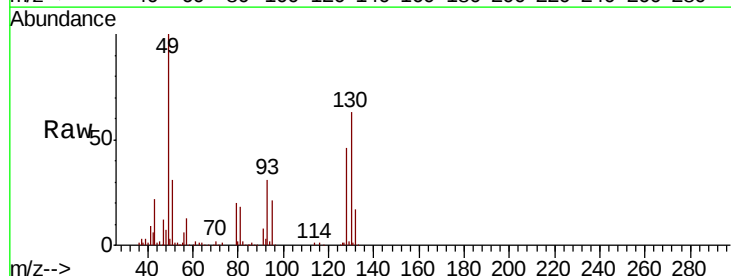
Delta R.T. 0.02 min

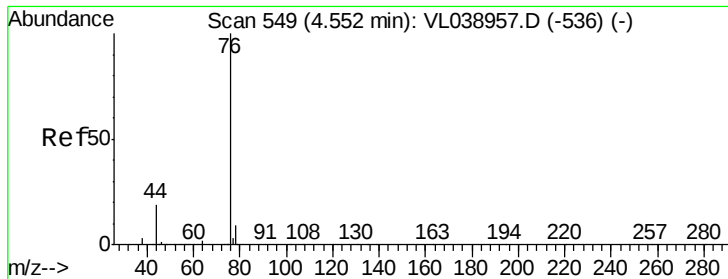
Lab File: VL039071.D

Acq: 17 May 2022 16:22

Tgt Ion: 57 Resp: 35227

Ion	Ratio	Lower	Upper
57	100		
41	106.4	75.2	112.8
43	256.7	190.8	286.2
56	61.0	43.0	64.6





#27

Carbon Disulfide

Concen: 0.172 ppbv

RT: 4.56 Instrument: MSVOA_1

Delta R.T. 0.4 MDL

Lab File: ClientSampleId:

Acq: 17 May 2022 16:22

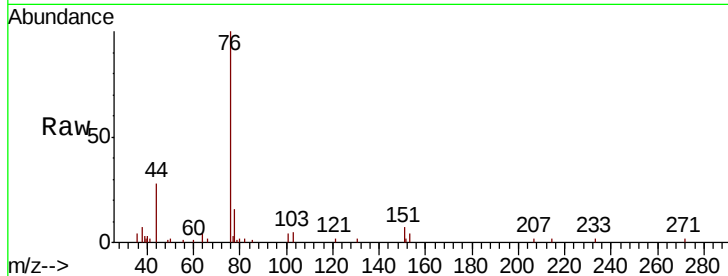
Tot Ion: 76 Resp: 12777

Ion Ratio Lower Upper

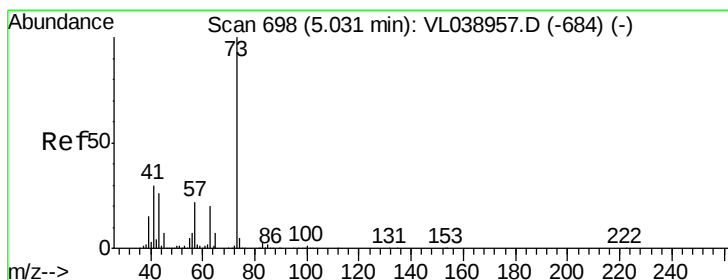
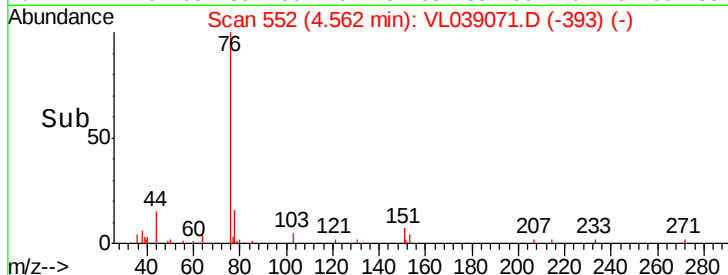
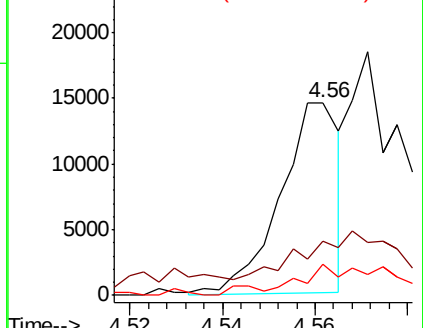
76 100

44 0.0 15.3 22.9#

78 36.5 8.2 12.2#



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



#28

Methyl tert-Butyl Ether

Concen: 0.360 ppbv

RT: 5.06 min Scan# 706

Delta R.T. 0.03 min

Lab File: VL039071.D

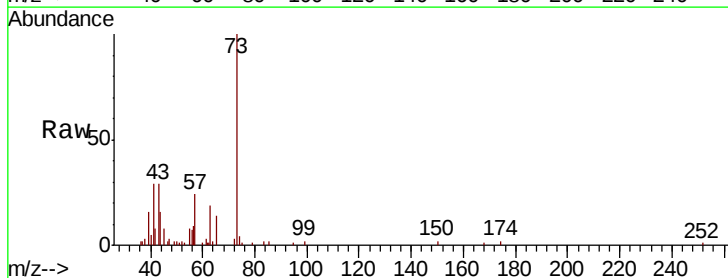
Acq: 17 May 2022 16:22

Tgt Ion: 73 Resp: 21395

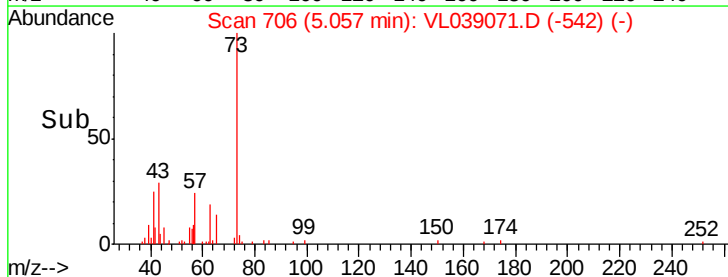
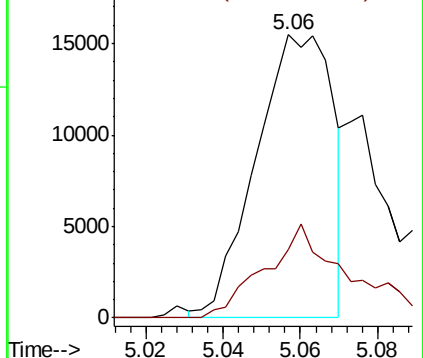
Ion Ratio Lower Upper

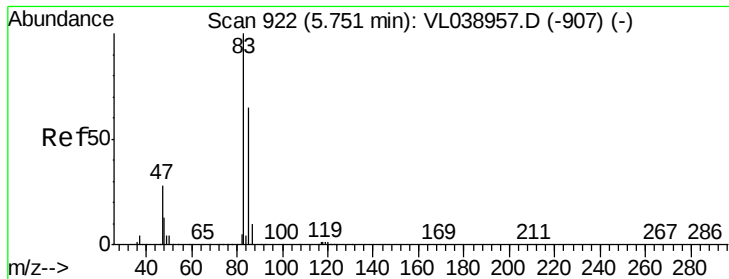
73 100

57 40.7 18.8 28.2#



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





#29

Chloroform

Concen: 0.563 ppbv

RT: 5.76 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

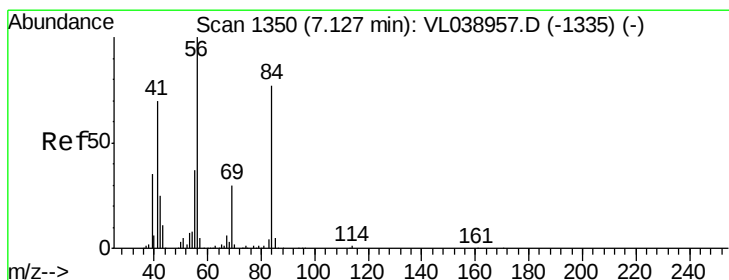
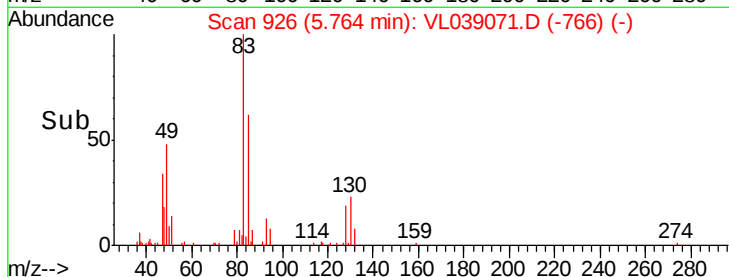
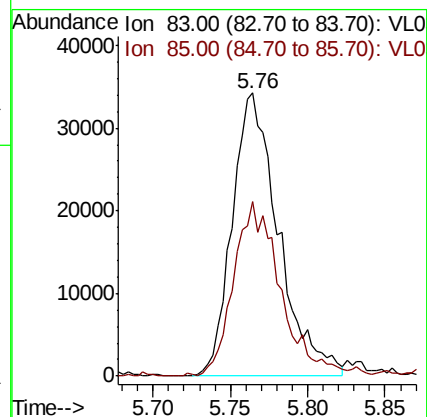
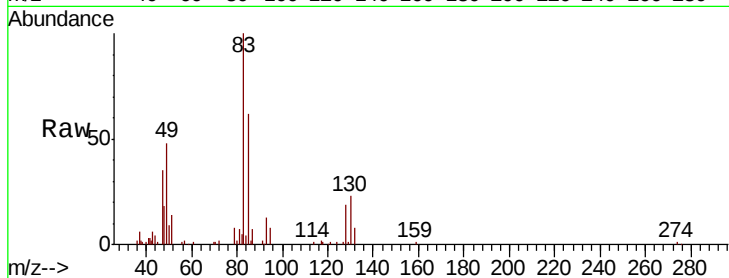
Acq: 17 May 2022 16:22

Tot Ion: 83 Resp: 71205

Ion Ratio Lower Upper

83 100

85 61.0 51.8 77.6



#30

Cyclohexane

Concen: 0.274 ppbv

RT: 7.15 min Scan# 1356

Delta R.T. 0.02 min

Lab File: VL039071.D

Acq: 17 May 2022 16:22

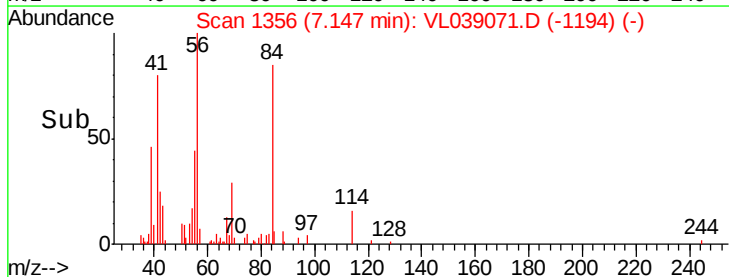
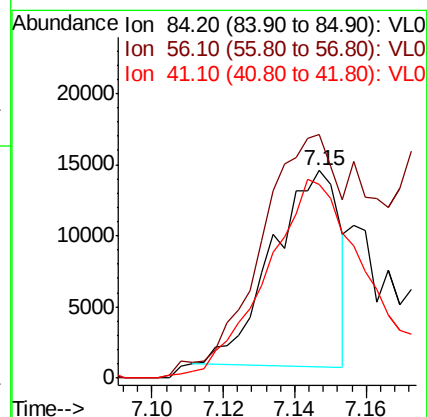
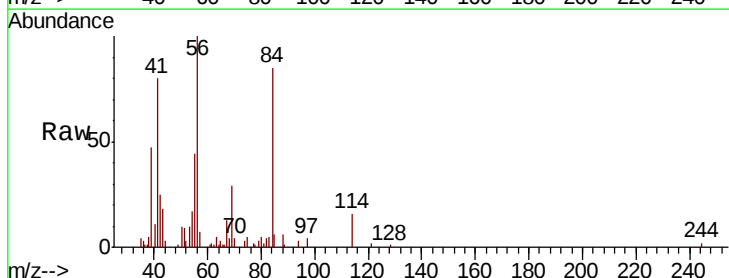
Tgt Ion: 84 Resp: 17930

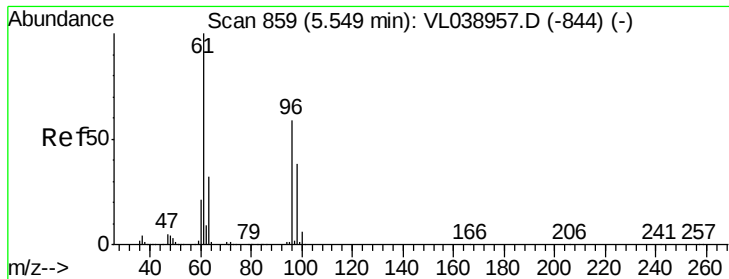
Ion Ratio Lower Upper

84 100

56 202.2 115.3 172.9#

41 158.7 72.0 108.0#





#31

cis-1,2-Dichloroethene

Concen: 0.199 ppbv

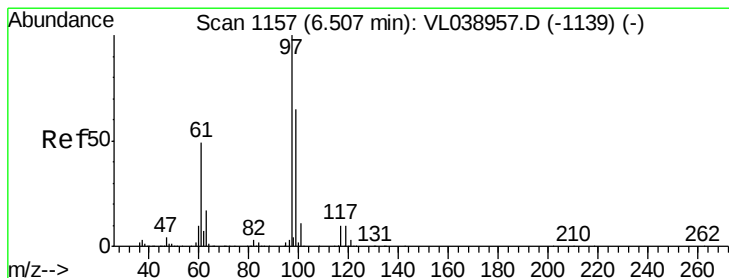
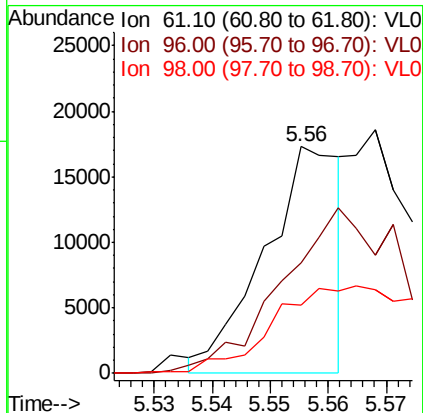
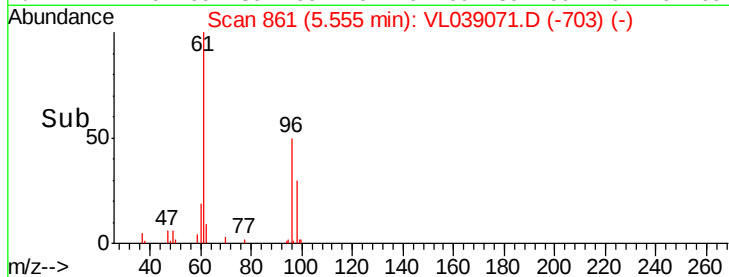
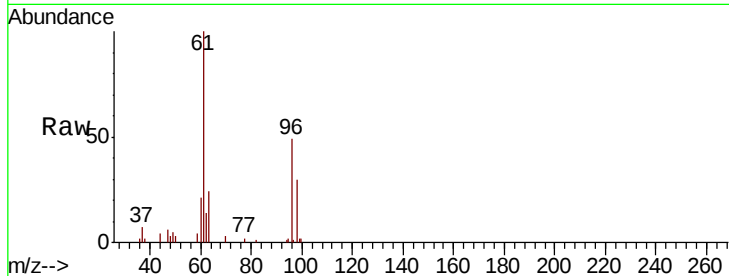
RT: 5.56 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 17 May 2022 16:22

Tot Ion:	61	Resp:	15837
Ion	Ratio	Lower	Upper
61	100		
96	49.0	47.4	71.0
98	31.6	30.6	45.8



#32

1,1,1-Trichloroethane

Concen: 0.276 ppbv

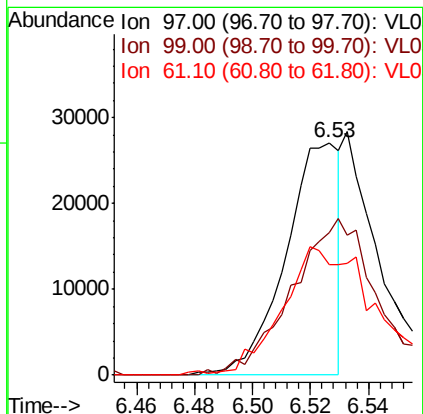
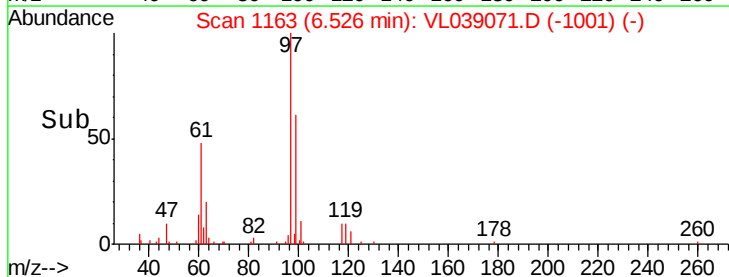
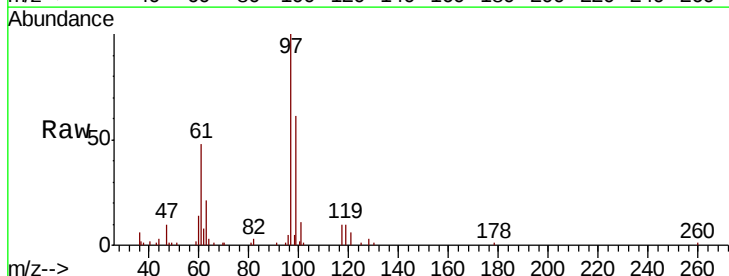
RT: 6.53 min Scan# 1163

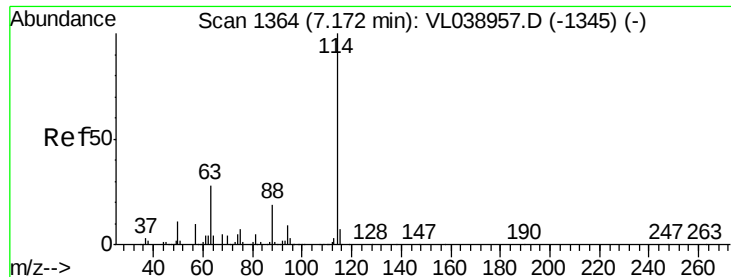
Delta R.T. 0.02 min

Lab File: VL039071.D

Acq: 17 May 2022 16:22

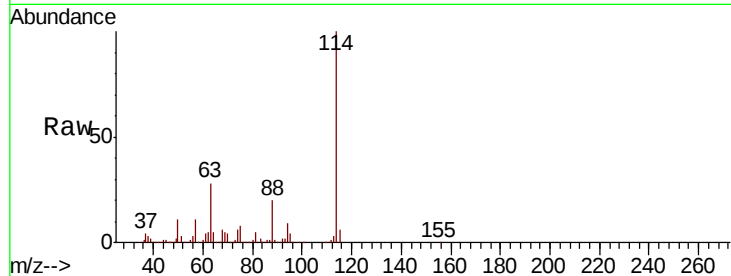
Tgt Ion:	97	Resp:	34897
Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.9	77.9#
61	100.4	40.9	61.3#



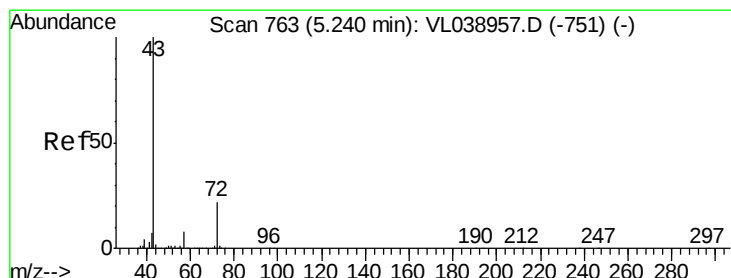
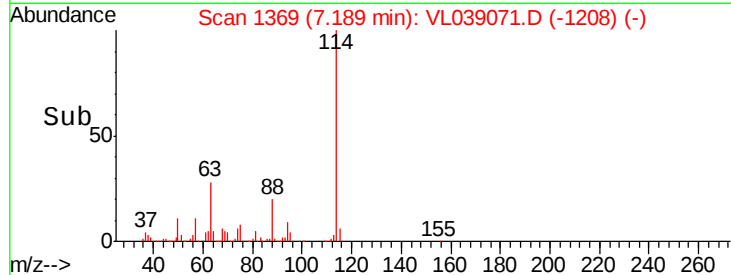
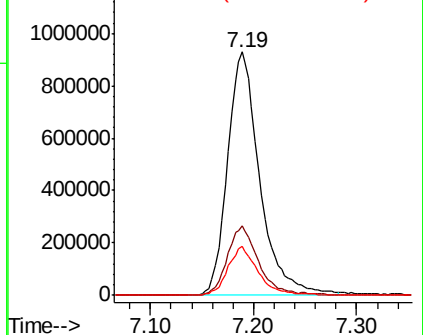


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId:
 Acq: 17 May 2022 16:22

Tot Ion:	114	Resp:	2023829
Ion	Ratio	Lower	Upper
114	100		
63	28.2	22.6	33.8
88	19.2	15.4	23.0

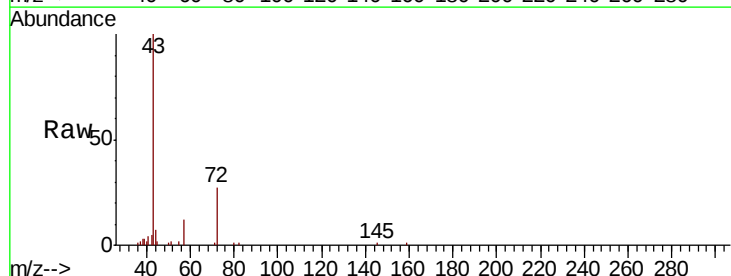


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

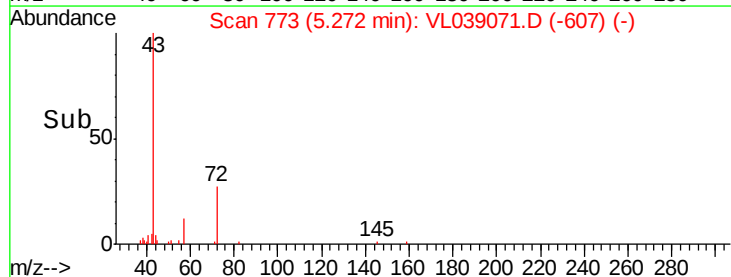
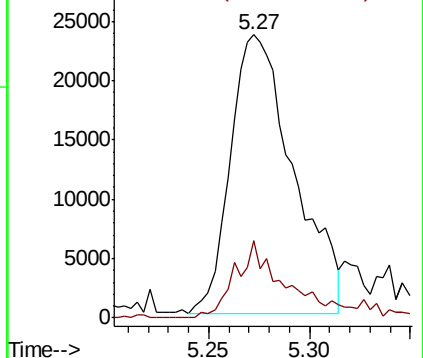


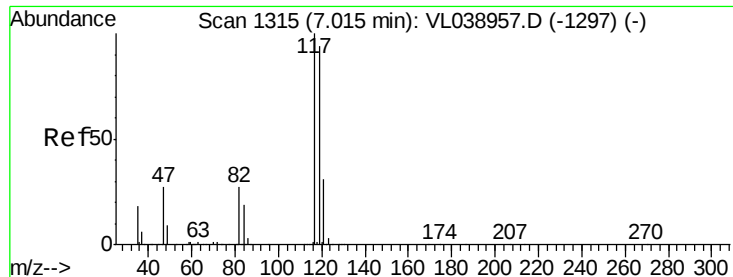
#34
 2-Butanone
 Concen: 0.499 ppbv
 RT: 5.27 min Scan# 773
 Delta R.T. 0.03 min
 Lab File: VL039071.D
 Acq: 17 May 2022 16:22

Tgt Ion:	43	Resp:	51488
Ion	Ratio	Lower	Upper
43	100		
72	25.3	17.8	26.6



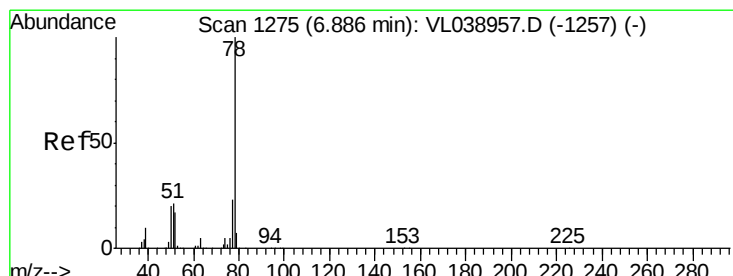
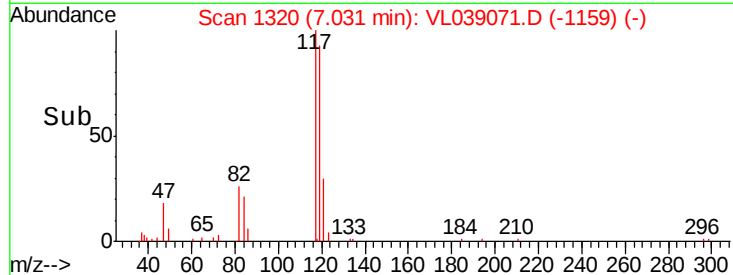
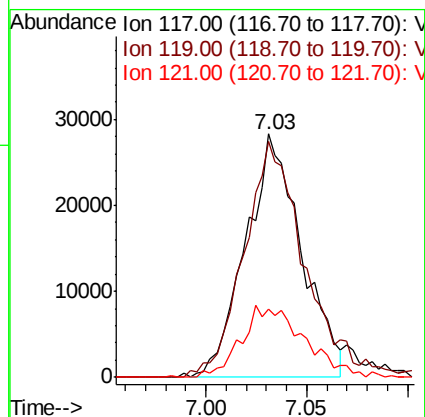
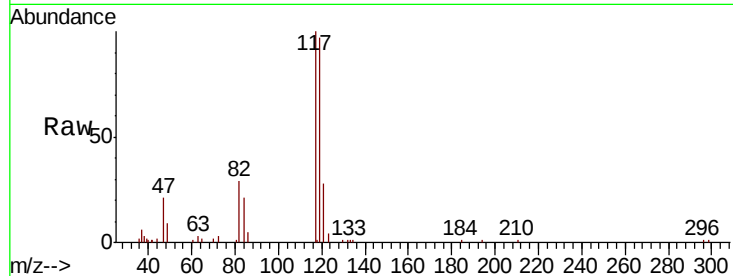
Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 72.10 (71.80 to 72.80): VL0





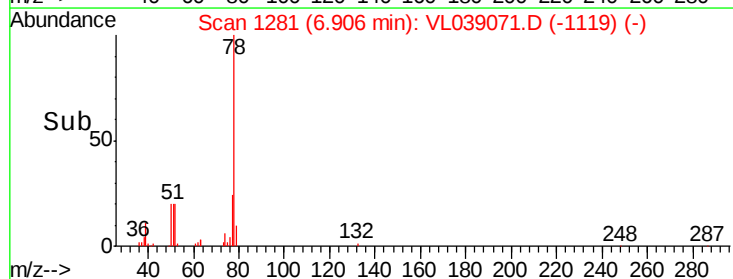
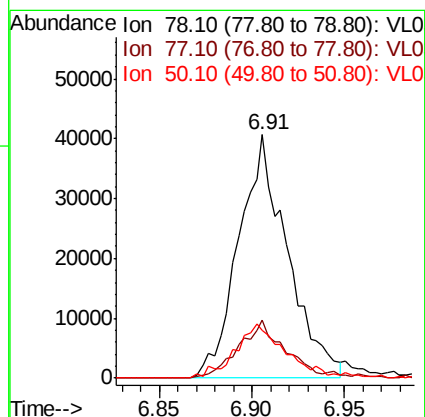
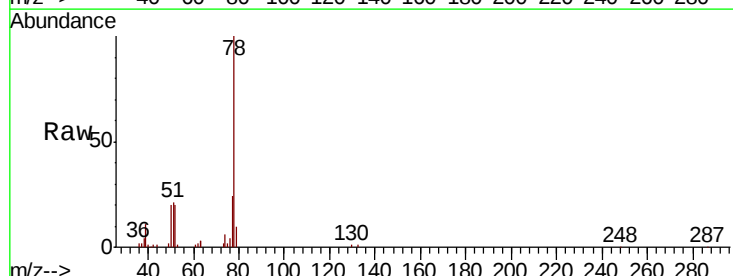
#35
Carbon Tetrachloride
Concen: 0.410 ppbv
RT: 7.03
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 17 May 2022 16:22

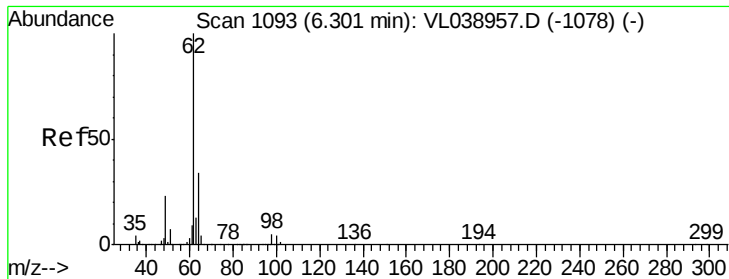
Tot Ion:117 Resp: 54681
Ion Ratio Lower Upper
117 100
119 94.0 75.2 112.8
121 28.2 24.6 37.0



#36
Benzene
Concen: 0.428 ppbv
RT: 6.91 min Scan# 1281
Delta R.T. 0.02 min
Lab File: VL039071.D
Acq: 17 May 2022 16:22

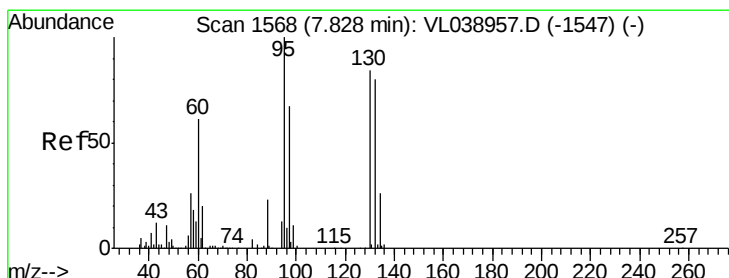
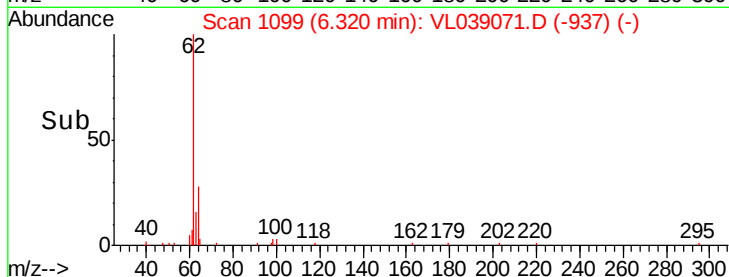
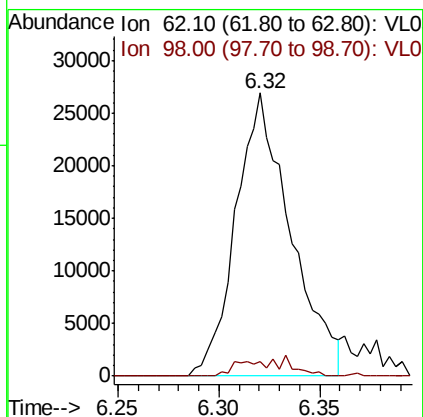
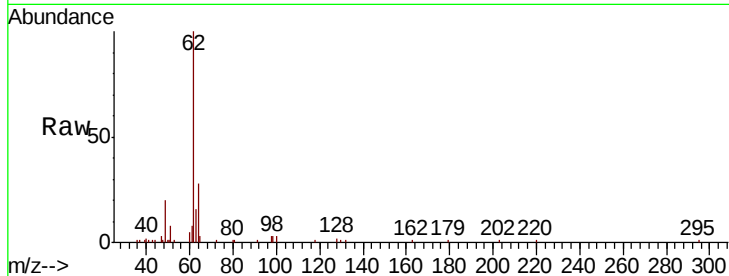
Tgt Ion: 78 Resp: 74044
Ion Ratio Lower Upper
78 100
77 23.8 18.6 28.0
50 19.7 15.6 23.4





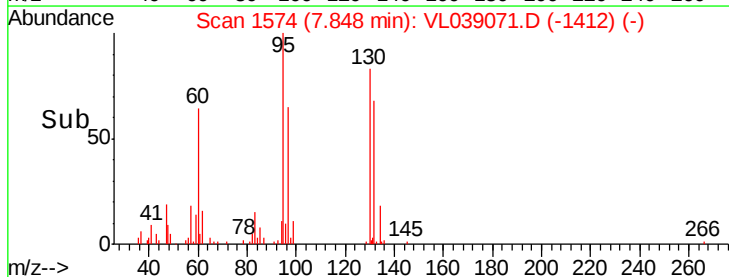
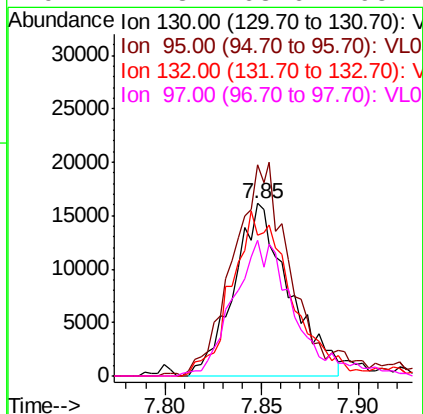
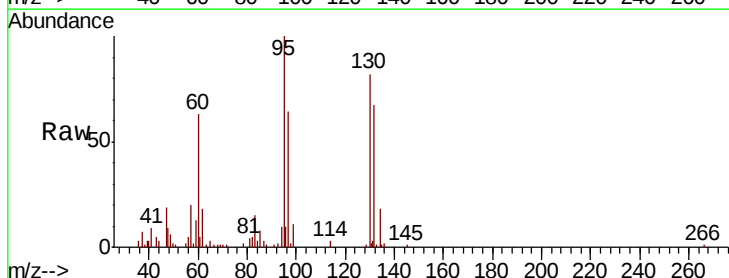
#37
 1,2-Dichloroethane
 Concen: 0.477 ppbv
 RT: 6.32
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId:
 Acq: 17 May 2022 16:22

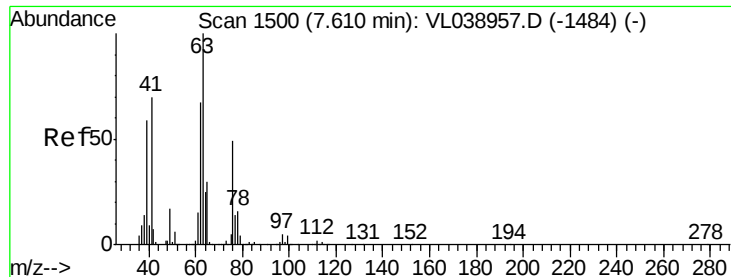
Tot Ion: 62 Resp: 51095
 Ion Ratio Lower Upper
 62 100
 98 5.8 4.5 6.7



#38
 Trichloroethene
 Concen: 0.417 ppbv
 RT: 7.85 min Scan# 1574
 Delta R.T. 0.02 min
 Lab File: VL039071.D
 Acq: 17 May 2022 16:22

Tgt Ion: 130 Resp: 32069
 Ion Ratio Lower Upper
 130 100
 95 116.3 94.8 142.2
 132 78.2 75.8 113.8
 97 74.3 63.6 95.4





#39

1,2-Dichloropropane

Concen: 0.225 ppbv

RT: 7.63 Instrument:

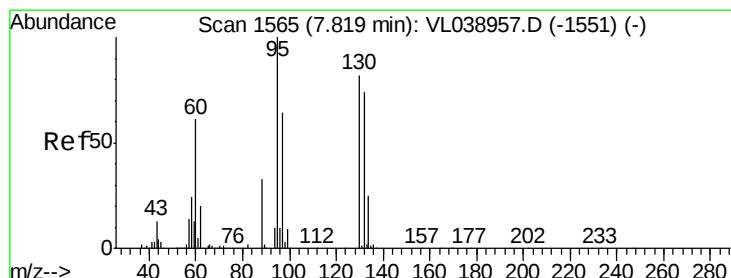
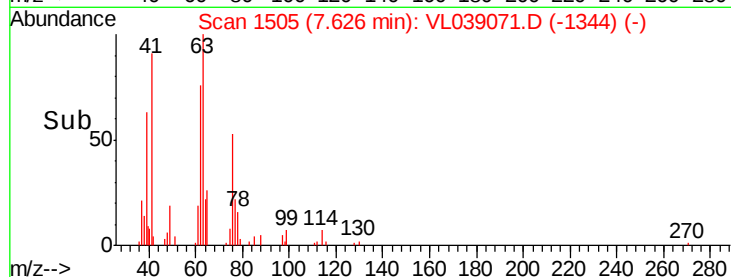
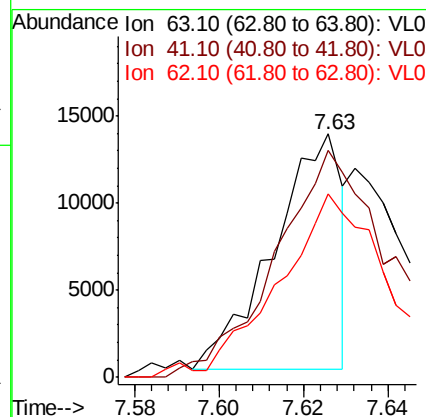
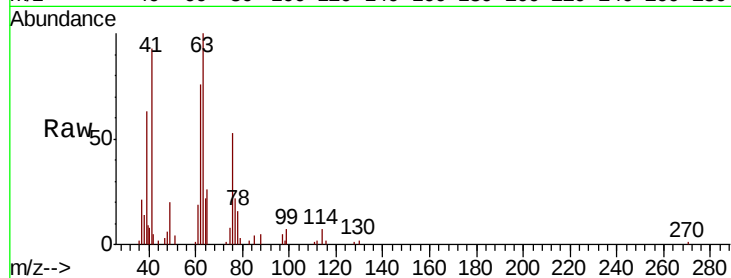
Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 17 May 2022 16:22

Tot Ion: 63 Resp: 15178

Ion	Ratio	Lower	Upper
63	100		
41	87.5	55.9	83.9#
62	75.2	53.8	80.6



#40

1,4-Dioxane

Concen: 0.010 ppbv

RT: 7.84 min Scan# 1573

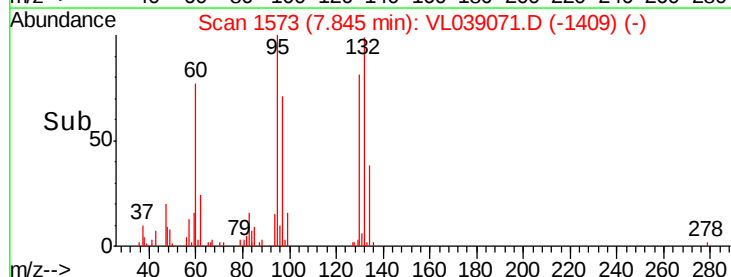
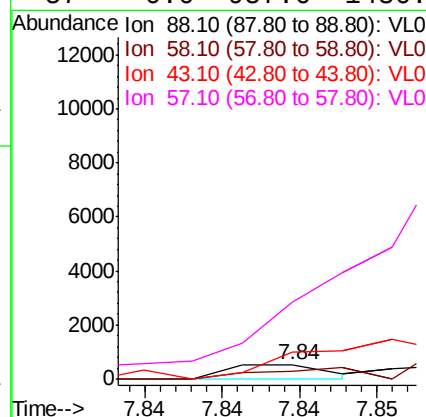
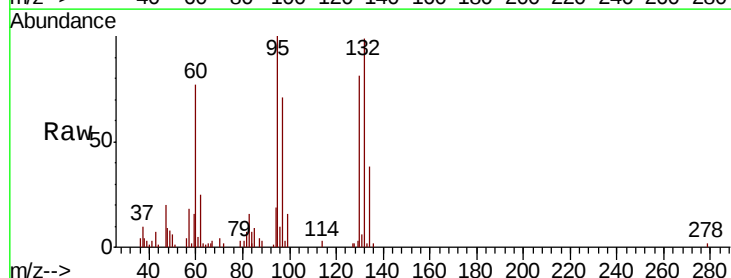
Delta R.T. 0.03 min

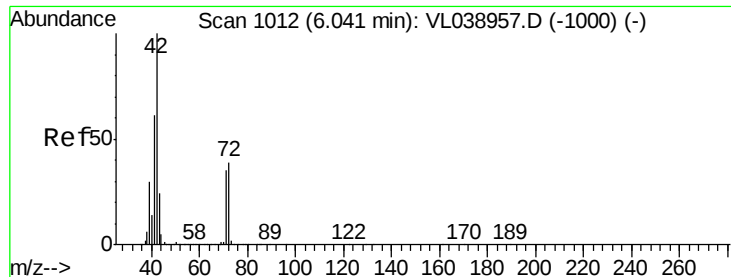
Lab File: VL039071.D

Acq: 17 May 2022 16:22

Tgt Ion: 88 Resp: 243

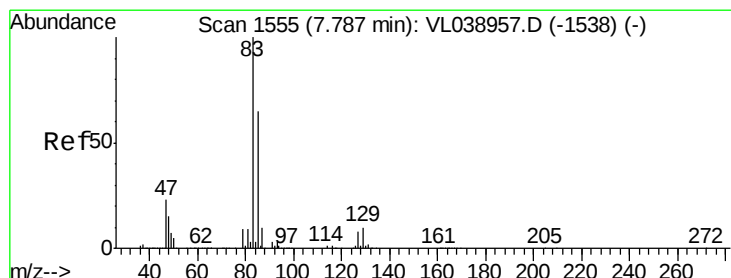
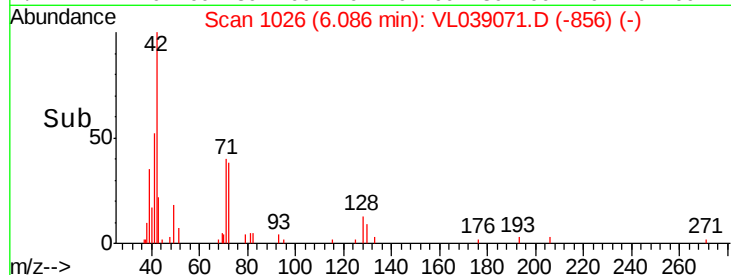
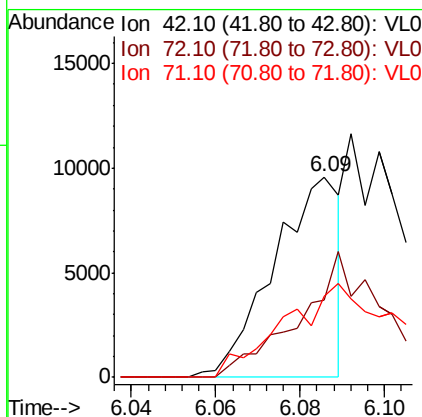
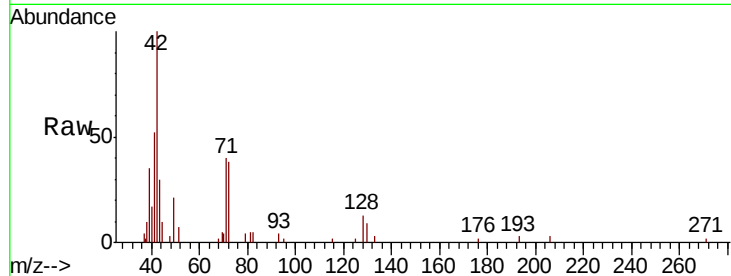
Ion	Ratio	Lower	Upper
88	100		
58	0.0	106.1	159.1#
43	0.0	222.9	334.3#
57	0.0	957.6	1436.4#





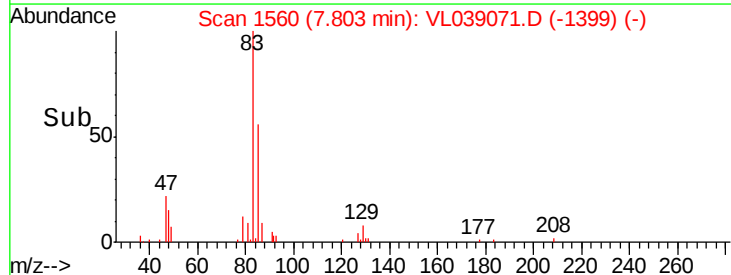
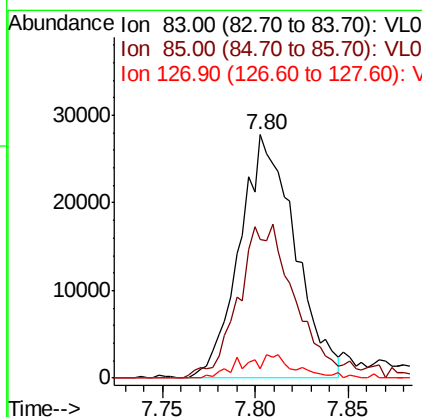
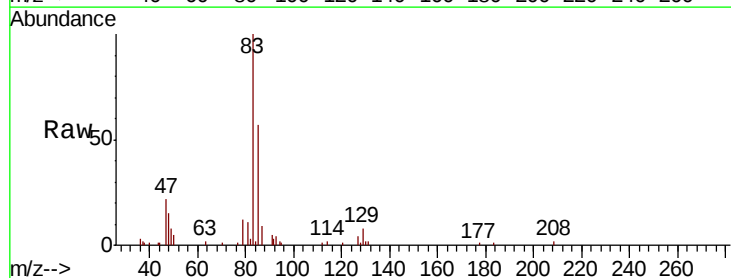
#41
Tetrahydrofuran
Concen: 0.151 ppbv
RT: 6.09
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 17 May 2022 16:22

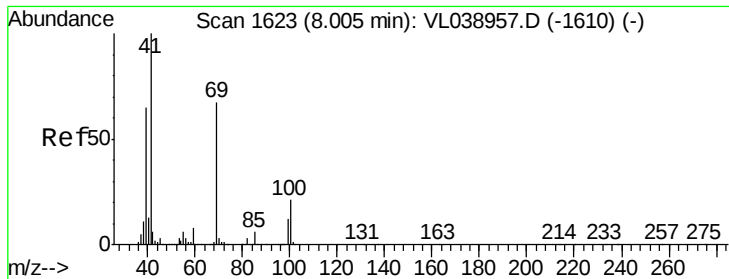
Tot Ion: 42 Resp: 10470
Ion Ratio Lower Upper
42 100
72 0.0 31.8 47.6#
71 0.0 30.6 45.8#



#42
Bromodichloromethane
Concen: 0.395 ppbv
RT: 7.80 min Scan# 1560
Delta R.T.: 0.02 min
Lab File: VL039071.D
Acq: 17 May 2022 16:22

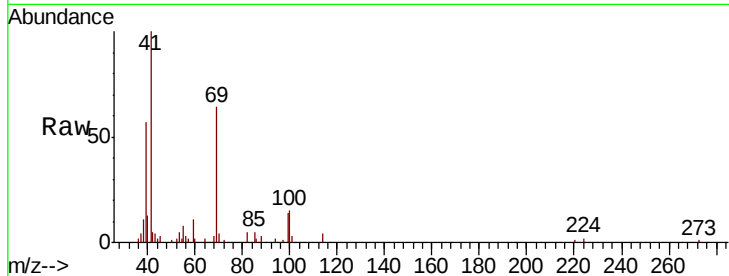
Tgt Ion: 83 Resp: 57814
Ion Ratio Lower Upper
83 100
85 56.2 52.0 78.0
127 3.9 6.0 9.0#





#43
Methyl Methacrylate
Concen: 0.350 ppbv
RT: 8.04
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
0.4 MDL
Acq: 17 May 2022 16:22

Tot Ion	69	Resp	24605
Ion Ratio	Lower	Upper	
69	100		
41	175.7	121.9	182.9
100	32.3	24.6	36.8

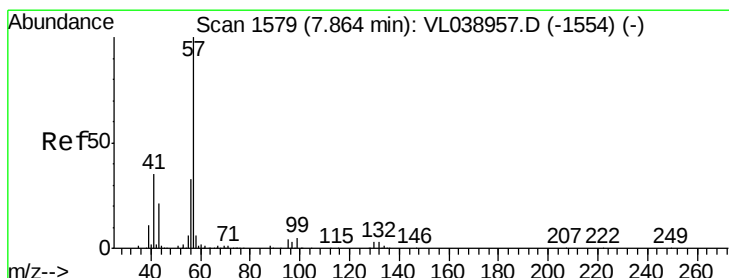
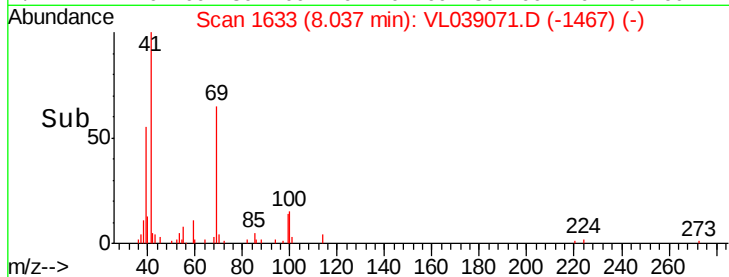
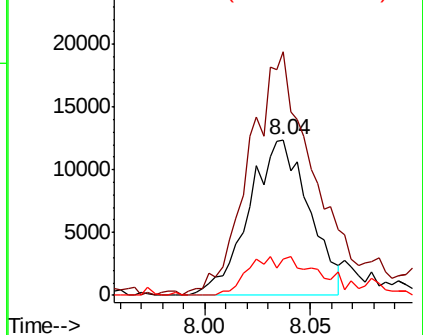


Abundance

Ion 69.10 (68.80 to 69.80): VL0

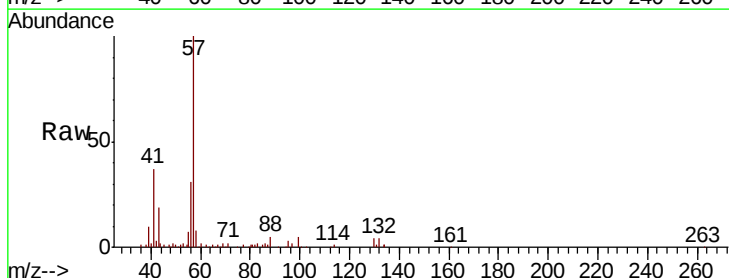
Ion 41.10 (40.80 to 41.80): VL0

Ion 100.10 (99.80 to 100.80): VL0



#44
2,2,4-Trimethylpentane
Concen: 0.443 ppbv
RT: 7.88 min Scan# 1585
Delta R.T.: 0.02 min
Lab File: VL039071.D
Acq: 17 May 2022 16:22

Tgt Ion	57	Resp	134588
Ion Ratio	Lower	Upper	
57	100		
41	36.3	26.3	39.5
56	31.3	24.6	37.0

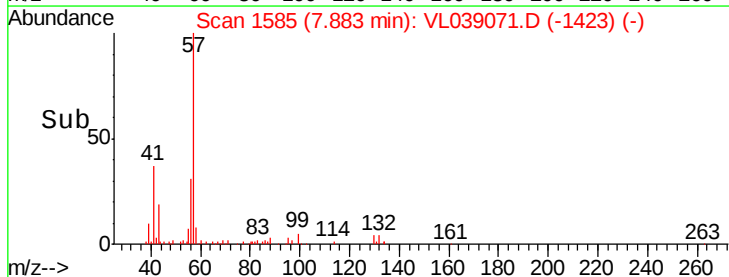
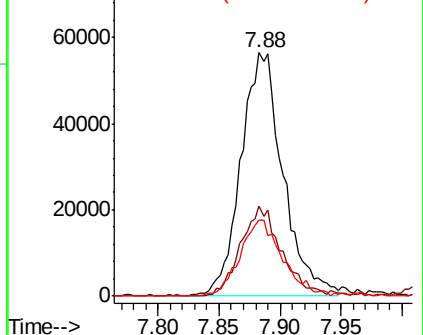


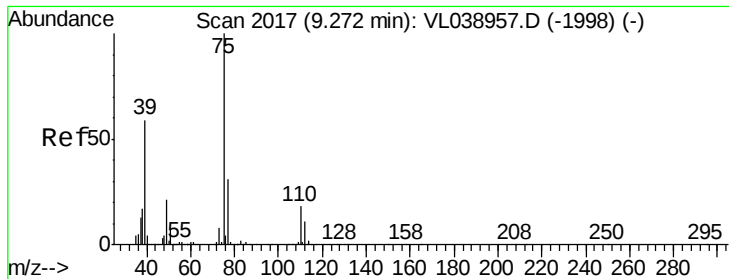
Abundance

Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 56.10 (55.80 to 56.80): VL0





#45

t-1,3-Dichloropropene

Concen: 0.014 ppbv

RT: 9.34 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

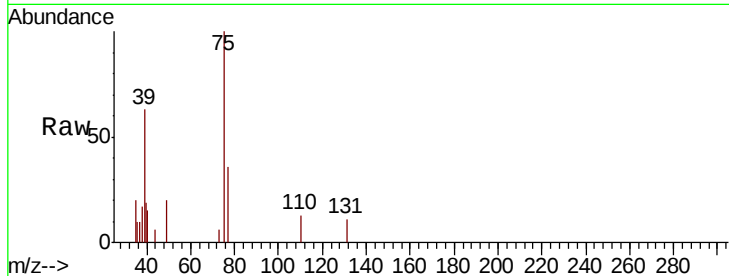
Acq: 17 May 2022 16:22

Tot Ion: 75 Resp: 924

Ion Ratio Lower Upper

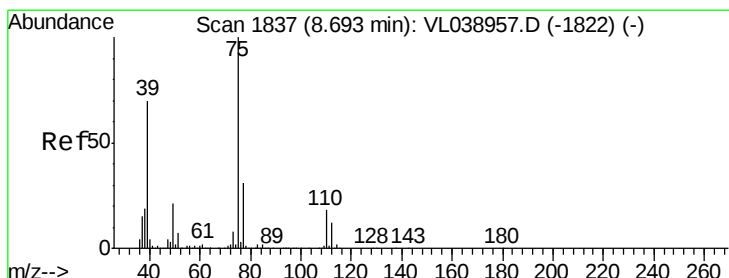
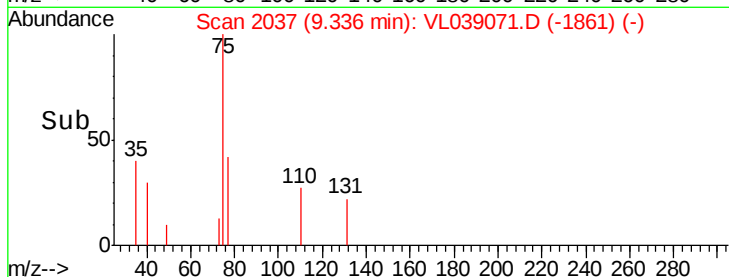
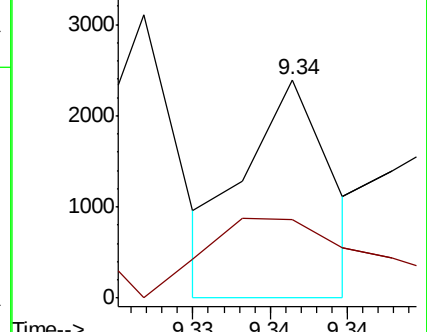
75 100

77 35.9 24.6 37.0



Abundance Ion 75.10 (74.80 to 75.80): VL0

Ion 77.10 (76.80 to 77.80): VL0



#46

cis-1,3-Dichloropropene

Concen: 0.299 ppbv

RT: 8.72 min Scan# 1846

Delta R.T. 0.03 min

Lab File: VL039071.D

Acq: 17 May 2022 16:22

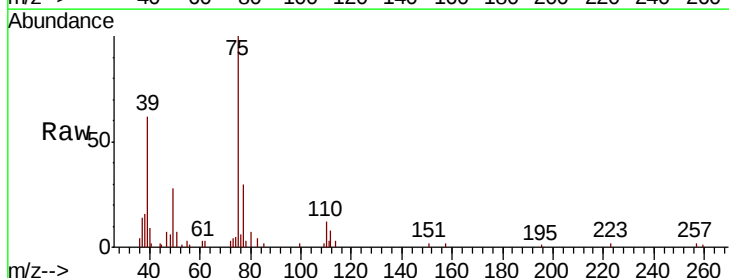
Tgt Ion: 75 Resp: 26954

Ion Ratio Lower Upper

75 100

39 60.8 55.8 83.6

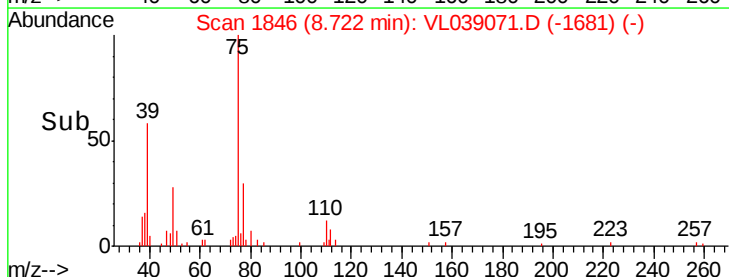
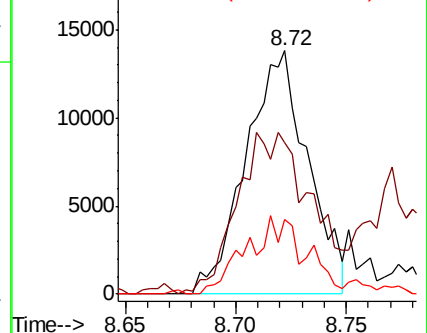
77 30.4 24.8 37.2

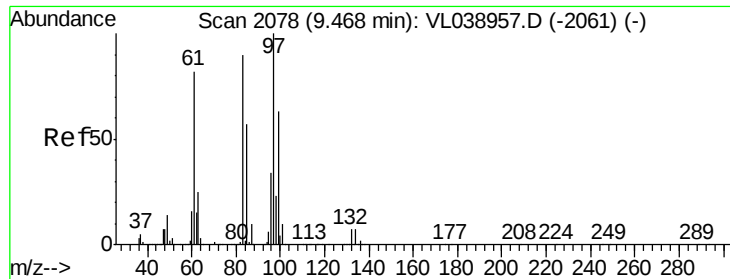


Abundance Ion 75.00 (74.70 to 75.70): VL0

Ion 39.00 (38.70 to 39.70): VL0

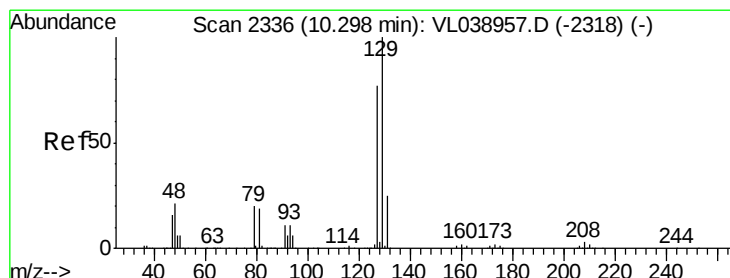
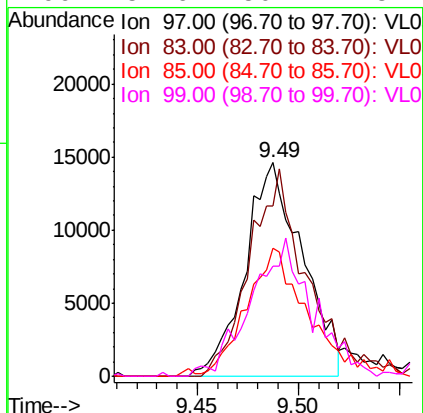
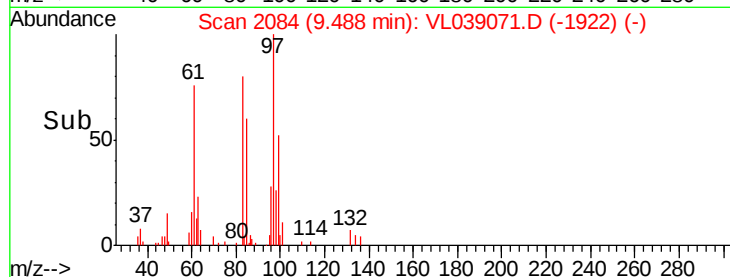
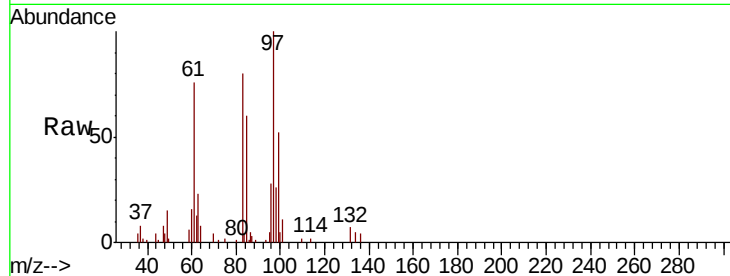
Ion 77.00 (76.70 to 77.70): VL0





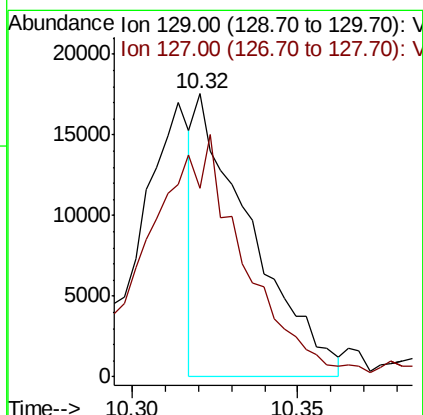
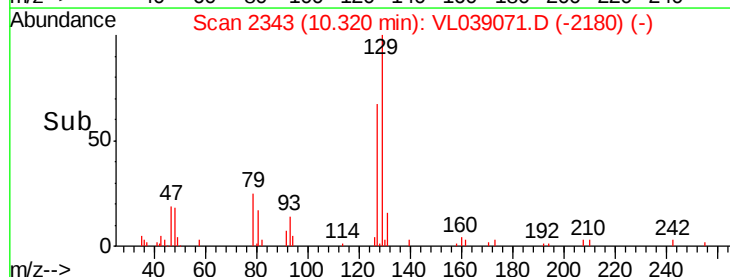
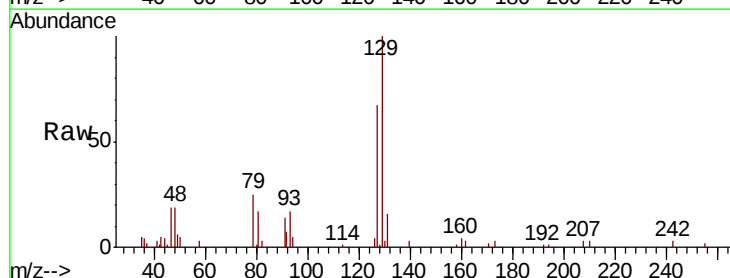
#47
 1,1,2-Trichloroethane
 Concen: 0.414 ppbv
 RT: 9.49
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 17 May 2022 16:22

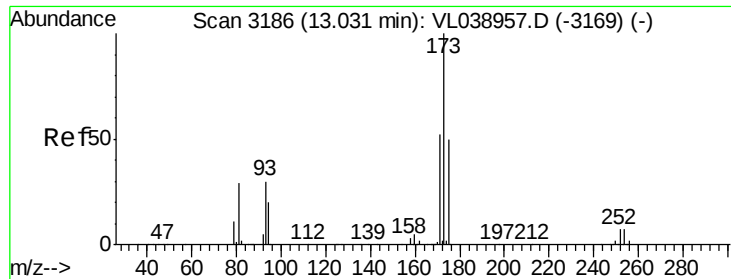
Tot Ion:	97	Resp:	29035
Ion	Ratio	Lower	Upper
97	100		
83	79.7	72.0	108.0
85	57.5	45.7	68.5
99	51.6	50.2	75.4



#48
 Dibromochloromethane
 Concen: 0.180 ppbv
 RT: 10.32 min Scan# 2343
 Delta R.T. 0.02 min
 Lab File: VL039071.D
 Acq: 17 May 2022 16:22

Tgt Ion:	129	Resp:	20512
Ion	Ratio	Lower	Upper
129	100		
127	151.0	39.3	117.9#





#49

Bromoform

Concen: 0.068 ppbv

RT: 13.06

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 17 May 2022 16:22

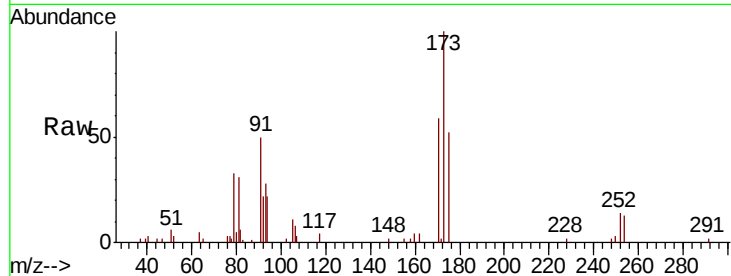
Tot Ion:173 Resp: 5910

Ion Ratio Lower Upper

173 100

175 240.2 41.0 61.6#

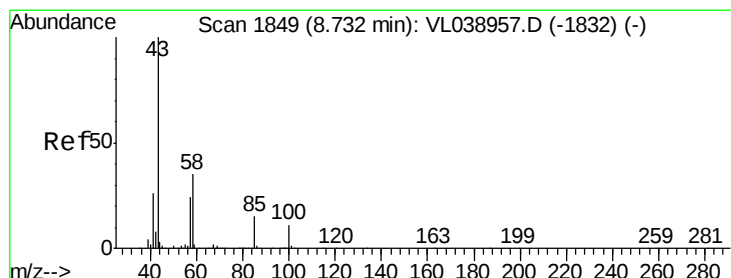
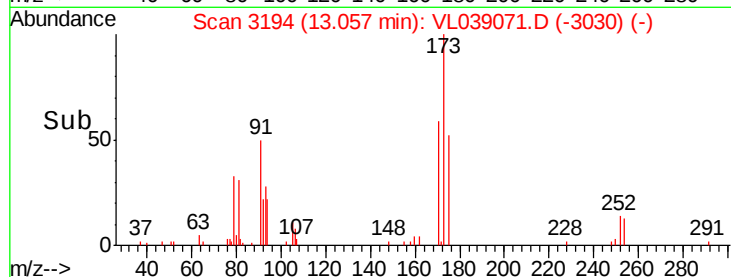
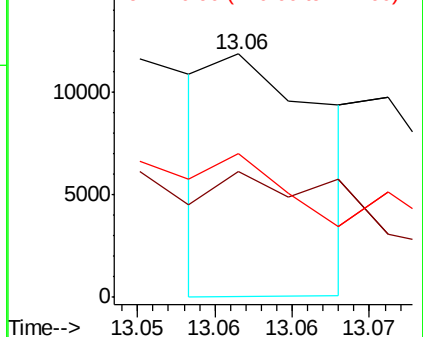
171 257.6 42.6 64.0#



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: 0.102 ppbv

RT: 8.76 min Scan# 1859

Delta R.T. 0.03 min

Lab File: VL039071.D

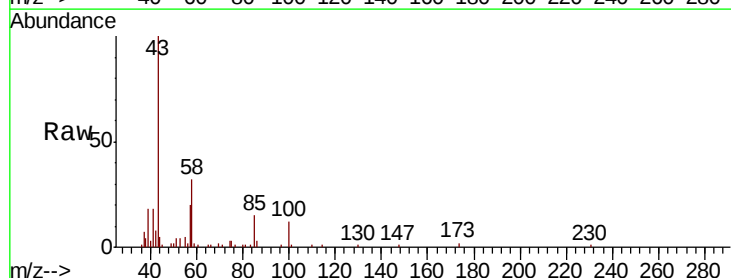
Acq: 17 May 2022 16:22

Tgt Ion: 43 Resp: 18505

Ion Ratio Lower Upper

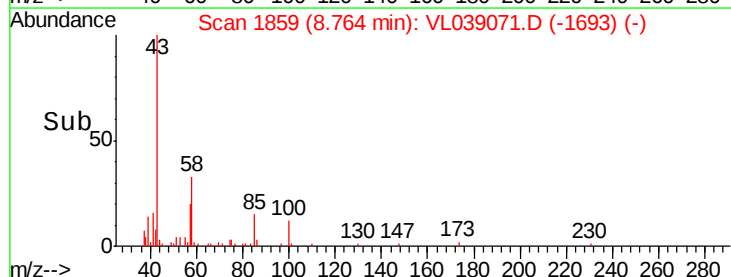
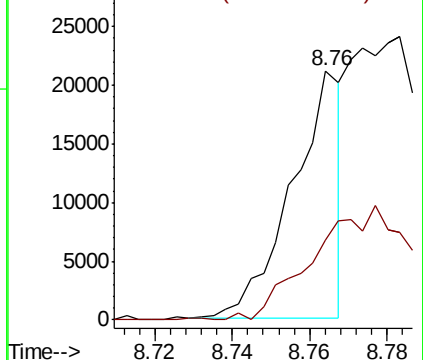
43 100

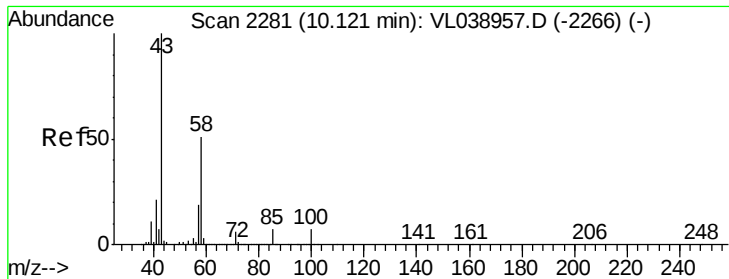
58 0.0 28.4 42.6#



Abundance Ion 43.10 (42.80 to 43.80): VL0

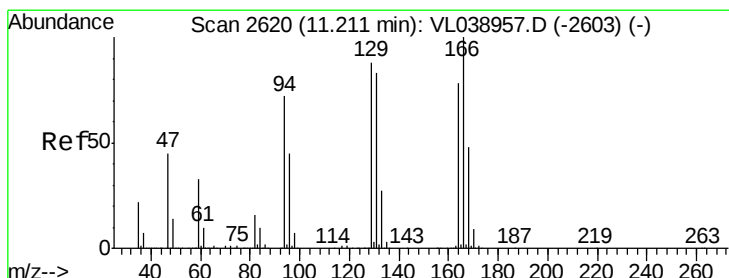
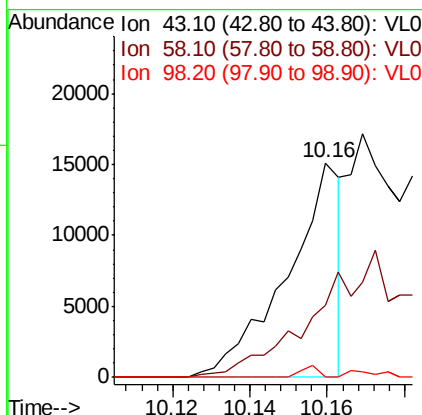
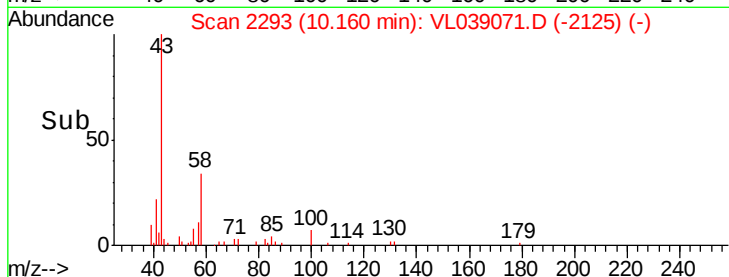
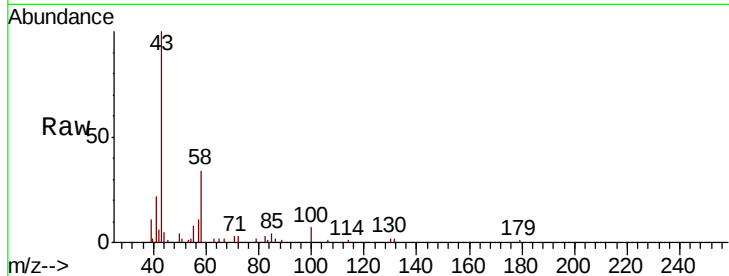
Ion 58.10 (57.80 to 58.80): VL0





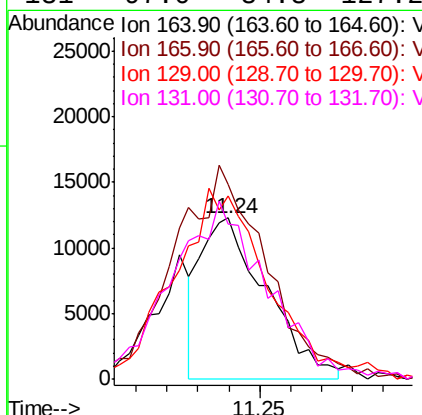
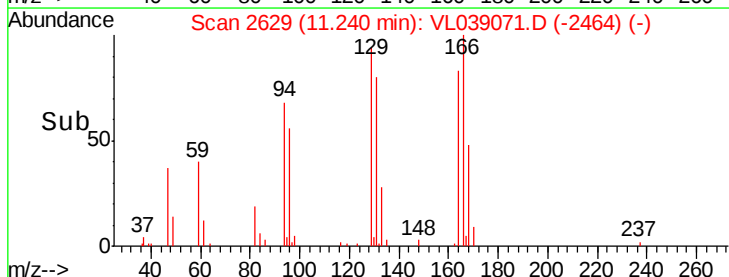
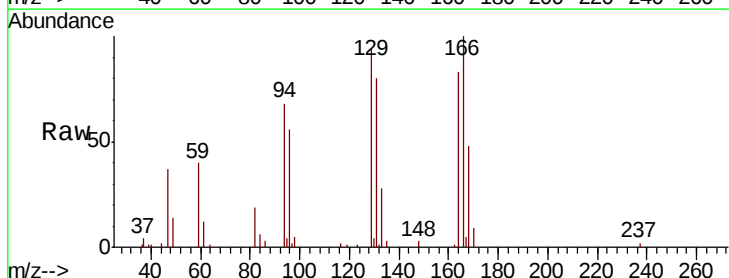
#51
2-Hexanone
Concen: 0.110 ppbv
RT: 10.16
Delta R.T. MSVOA_L
Lab File: ClientSampleId:
Acq: 17 May 2022 16:22

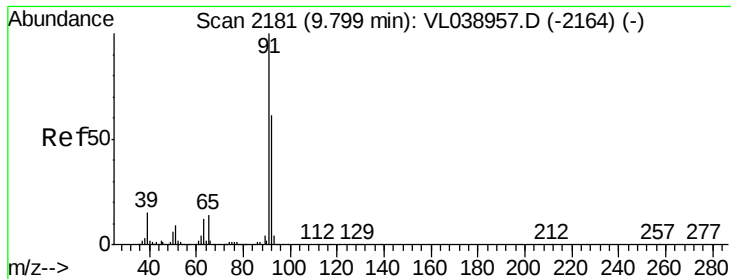
Tot Ion: 43 Resp: 14575
Ion Ratio Lower Upper
43 100
58 0.0 39.3 58.9#
98 5.0 0.2 0.2#



#52
Tetrachloroethene
Concen: 0.291 ppbv
RT: 11.24 min Scan# 2629
Delta R.T. 0.03 min
Lab File: VL039071.D
Acq: 17 May 2022 16:22

Tgt Ion: 164 Resp: 18034
Ion Ratio Lower Upper
164 100
166 118.9 102.5 153.7
129 110.1 90.1 135.1
131 97.0 84.8 127.2





#53

Toluene

Concen: 0.168 ppbv

RT: 9.83 Instrument: MSVOA_1

Delta R.T. 0.4 MDL

Lab File: ClientSampleId:

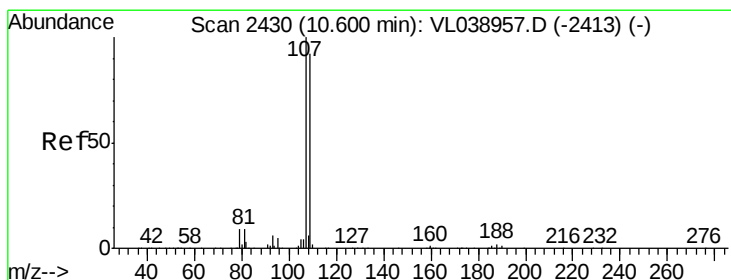
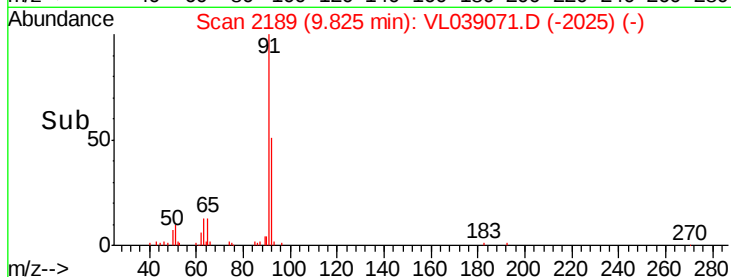
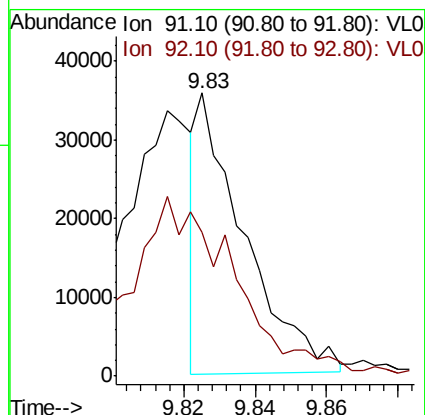
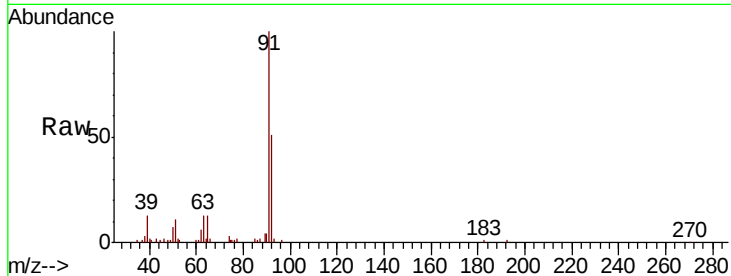
Acq: 17 May 2022 16:22

Tot Ion: 91 Resp: 32533

Ion Ratio Lower Upper

91 100

92 0.0 48.2 72.2#



#54

1,2-Dibromoethane

Concen: 0.218 ppbv

RT: 10.62 min Scan# 2436

Delta R.T. 0.02 min

Lab File: VL039071.D

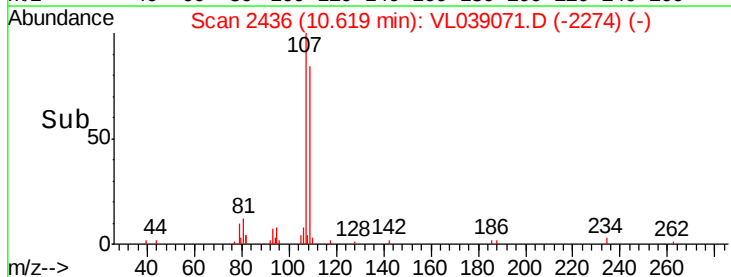
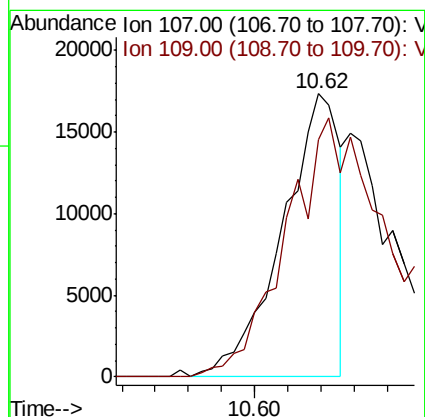
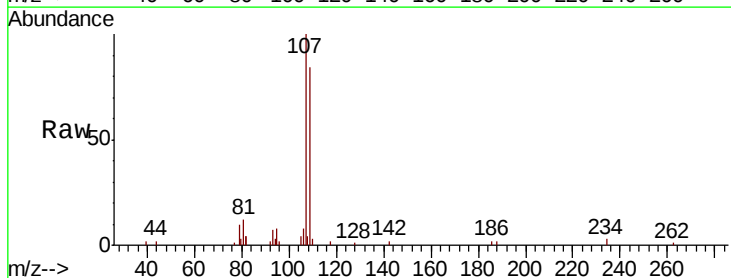
Acq: 17 May 2022 16:22

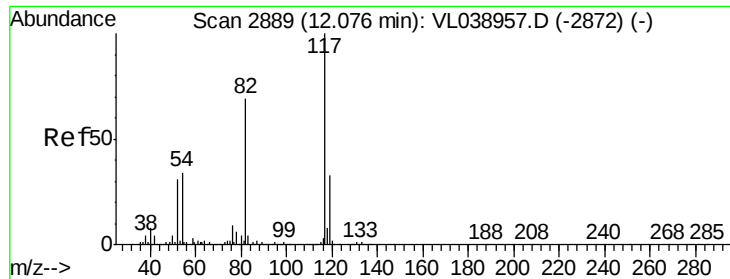
Tgt Ion: 107 Resp: 20815

Ion Ratio Lower Upper

107 100

109 83.9 73.8 110.8

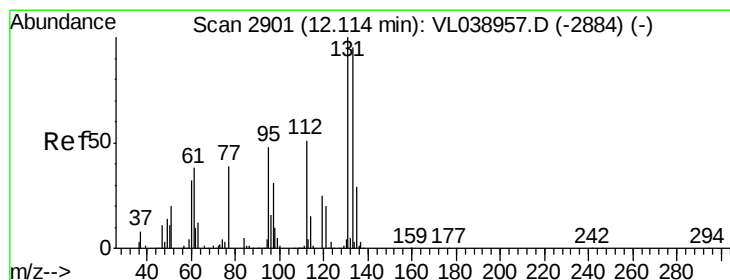
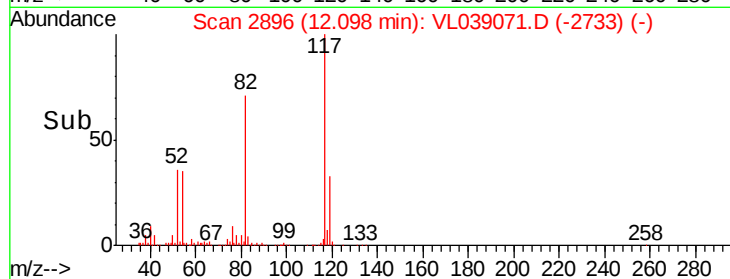
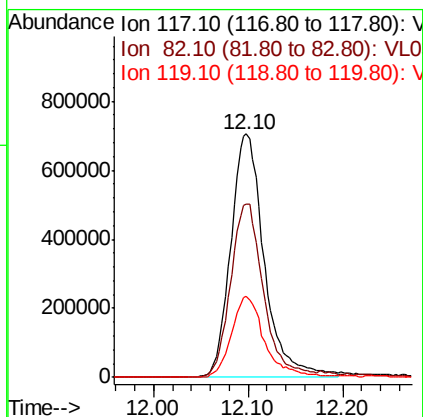
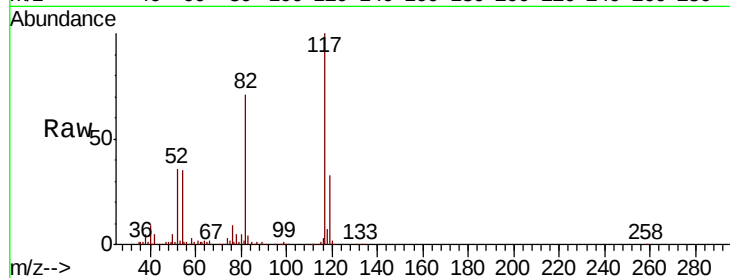




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min
Instrument: MSVOA_1
Delta R.T.: 0.4 MDL
Lab File: ClientSampleId :
Acq: 17 May 2022 16:22

Tot Ion:117 Resp: 1741082

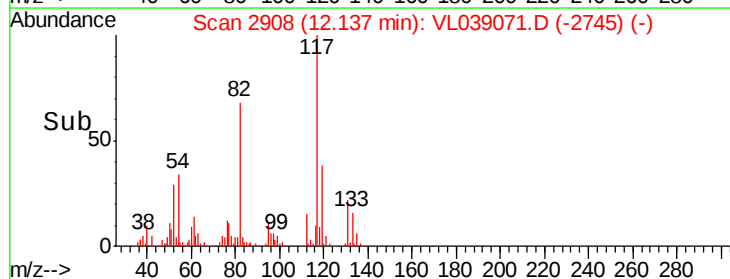
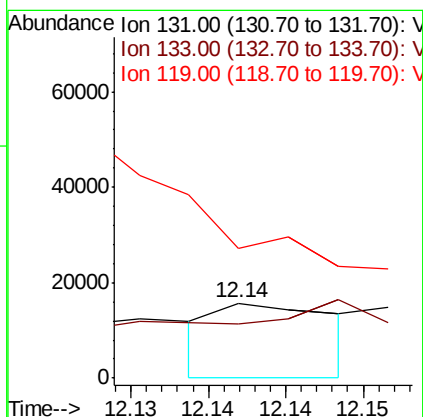
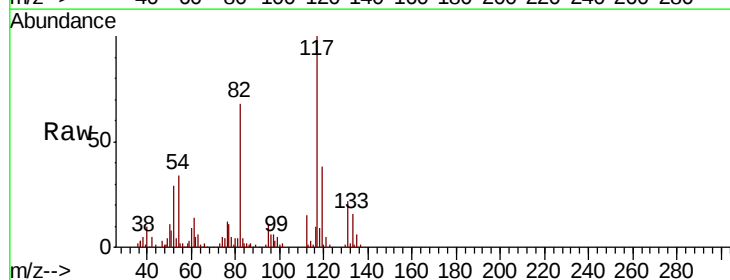
Ion	Ratio	Lower	Upper
117	100		
82	73.7	57.0	85.6
119	33.4	27.2	40.8

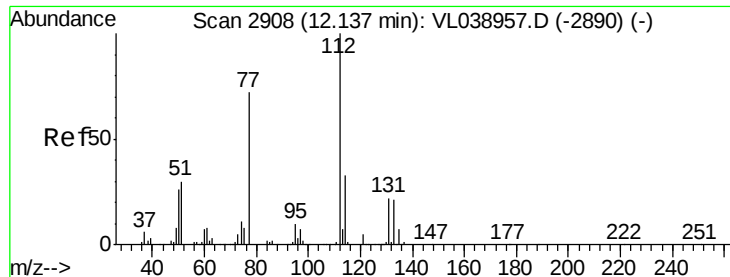


#56
1,1,1,2-Tetrachloroethane
Concen: 0.109 ppbv
RT: 12.14 min Scan# 2908
Delta R.T.: 0.02 min
Lab File: VL039071.D
Acq: 17 May 2022 16:22

Tgt Ion:131 Resp: 8364

Ion	Ratio	Lower	Upper
131	100		
133	0.0	76.9	115.3#
119	0.0	47.4	71.0#





#57

Chlorobenzene

Concen: 0.480 ppbv

RT: 12.16

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 17 May 2022 16:22

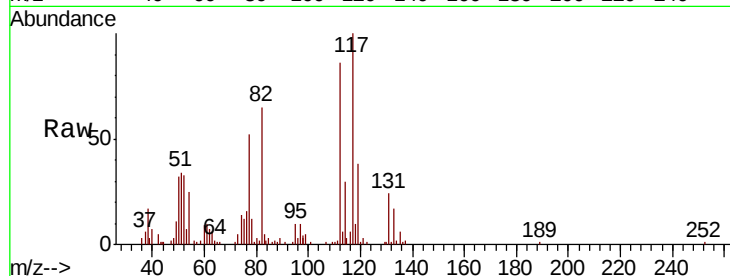
Tot Ion:112 Resp: 62643

Ion Ratio Lower Upper

112 100

77 50.1 57.7 86.5#

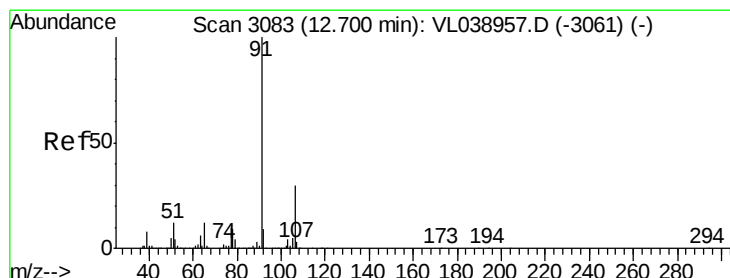
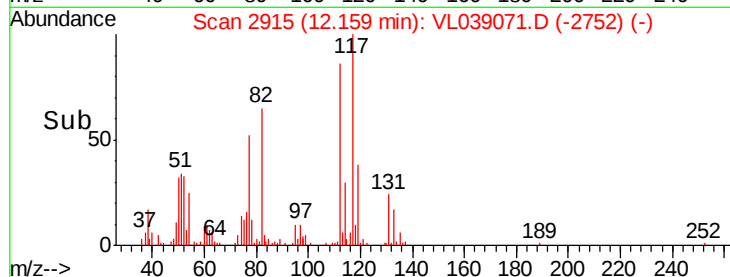
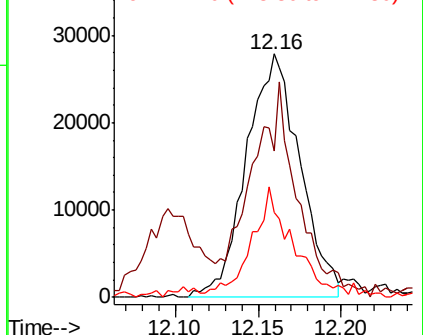
114 36.0 30.1 36.7



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 77.10 (76.80 to 77.80): VL0

Ion 114.10 (113.80 to 114.80): V



#58

Ethyl Benzene

Concen: 0.177 ppbv

RT: 12.73 min Scan# 3092

Delta R.T. 0.03 min

Lab File: VL039071.D

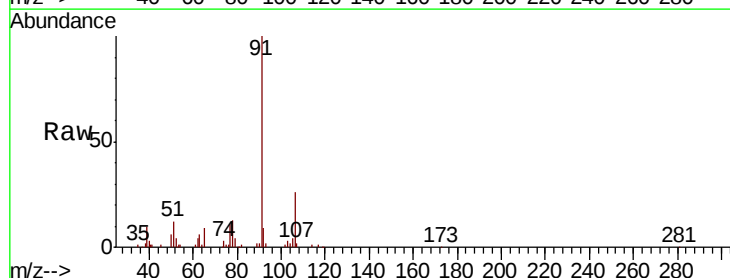
Acq: 17 May 2022 16:22

Tgt Ion: 91 Resp: 44285

Ion Ratio Lower Upper

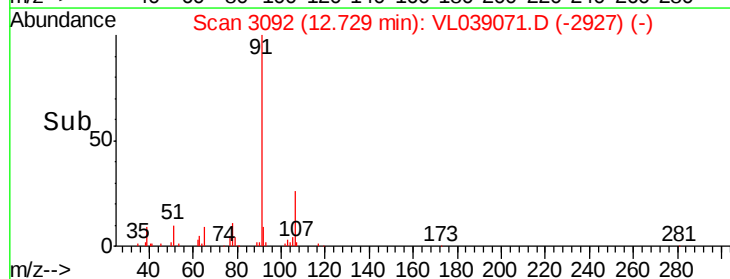
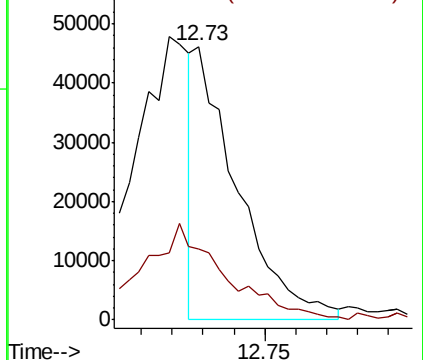
91 100

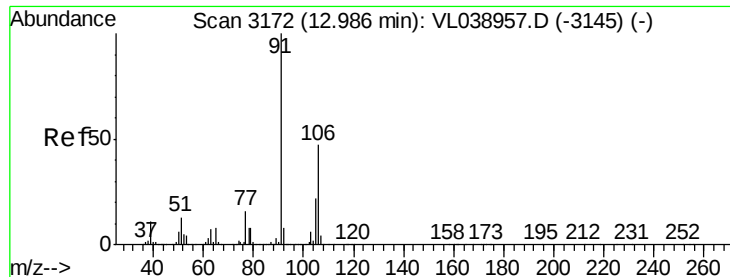
106 25.9 24.2 36.4



Abundance Ion 91.10 (90.80 to 91.80): VL0

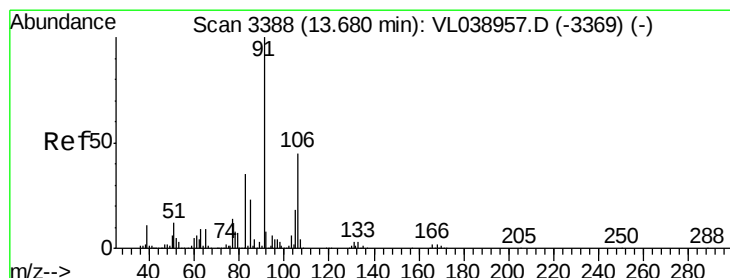
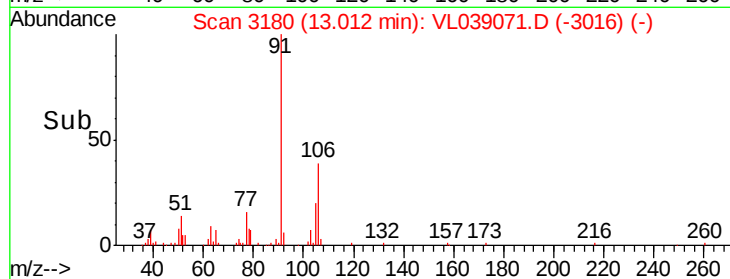
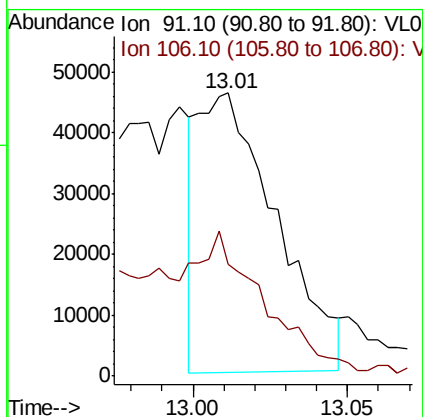
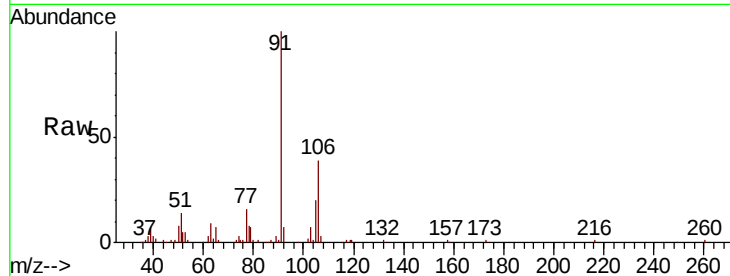
Ion 106.10 (105.80 to 106.80): V





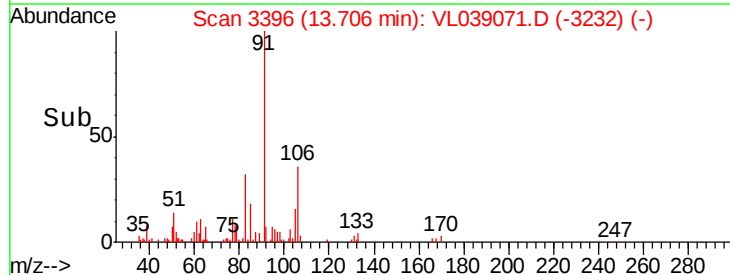
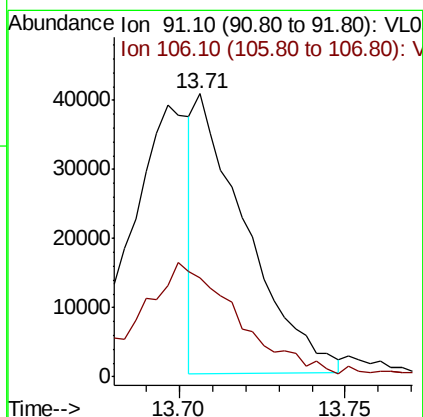
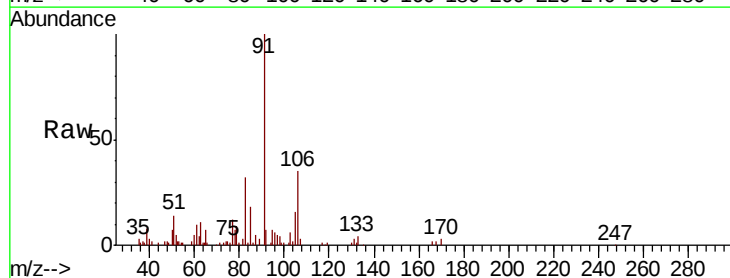
#59
m/p-Xylene
Concen: 0.375 ppbv
RT: 13.01 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 17 May 2022 16:22

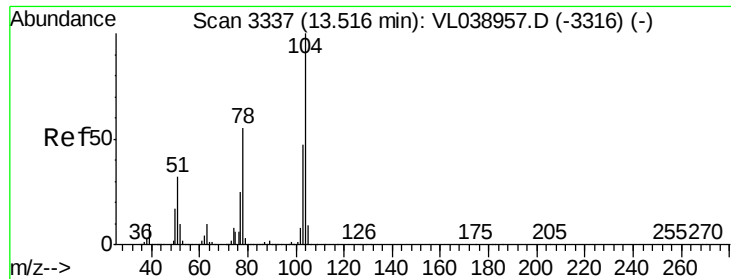
Tot Ion: 91 Resp: 80166
Ion Ratio Lower Upper
91 100
106 97.9 34.6 52.0#



#60
o-Xylene
Concen: 0.216 ppbv
RT: 13.71 min Scan# 3396
Delta R.T. 0.03 min
Lab File: VL039071.D
Acq: 17 May 2022 16:22

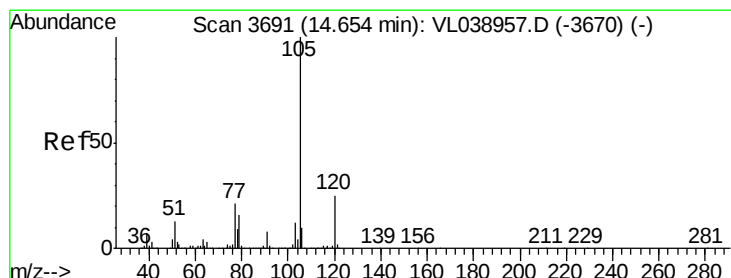
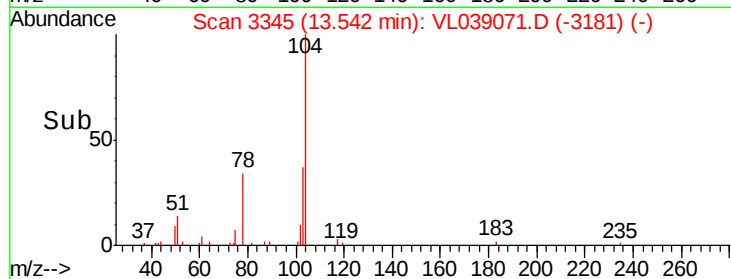
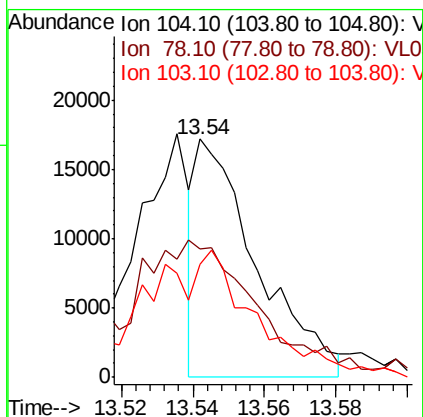
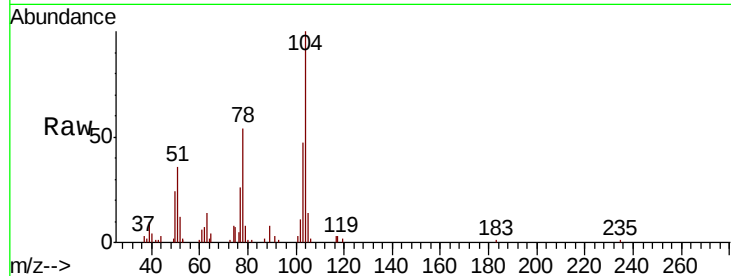
Tgt Ion: 91 Resp: 43543
Ion Ratio Lower Upper
91 100
106 0.0 22.2 66.6#





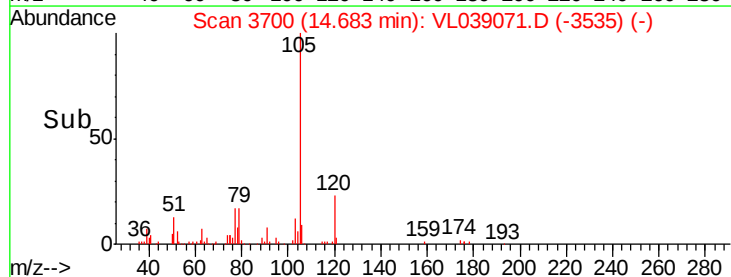
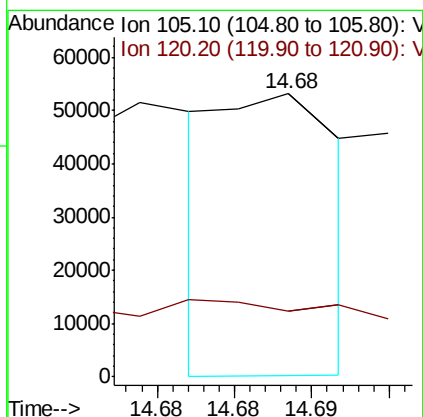
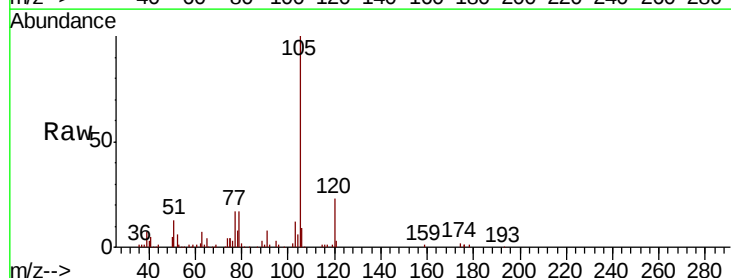
#61
Stvrene
Concen: 0.190 ppbv
RT: 13.54
Delta R.T. MSVOA_L
Lab File: ClientSampled :
Acq: 17 May 2022 16:22

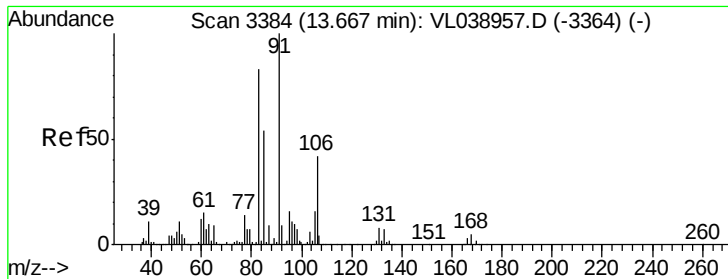
Tot Ion	Ratio	Lower	Upper
104	100		
78	124.4	46.4	69.6#
103	97.9	39.3	58.9#



#62
Isopropylbenzene
Concen: 0.097 ppbv
RT: 14.68 min Scan# 3700
Delta R.T. 0.03 min
Lab File: VL039071.D
Acq: 17 May 2022 16:22

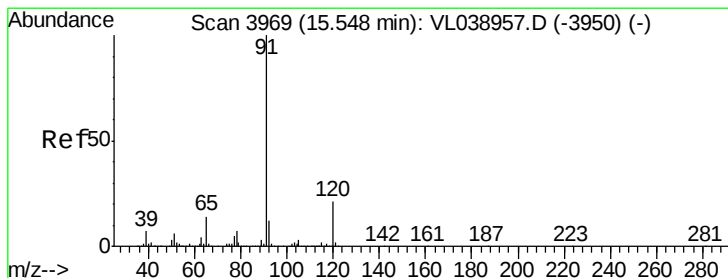
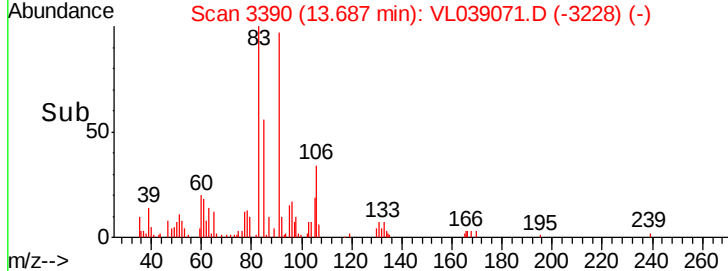
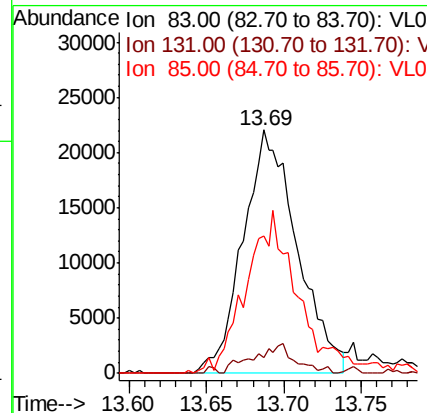
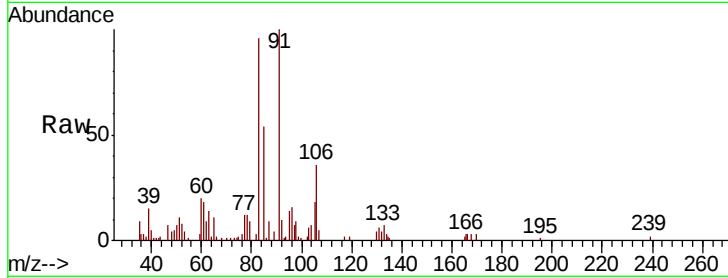
Tgt Ion	Ratio	Lower	Upper
105	100		
120	0.0	20.5	30.7#





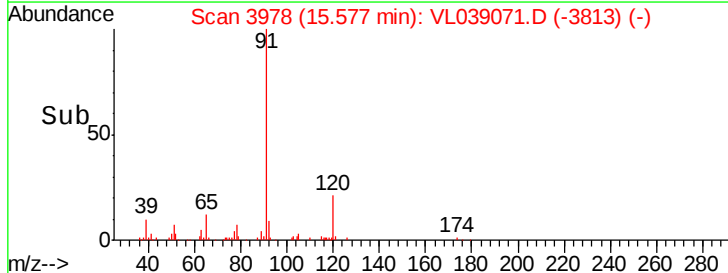
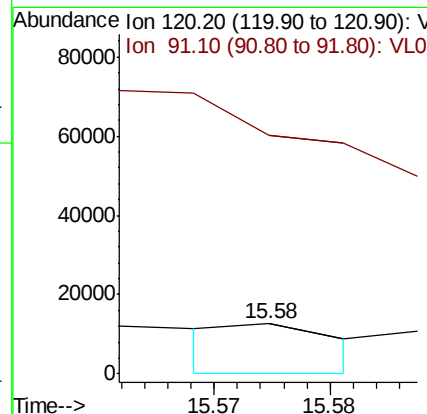
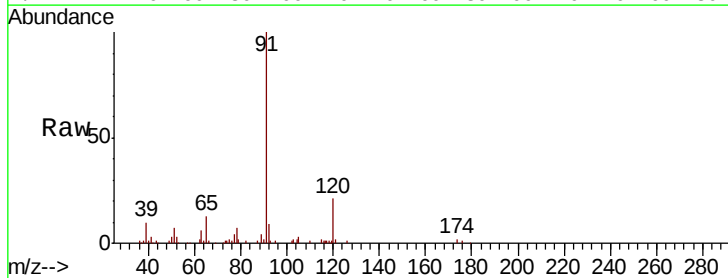
#63
 1,1,2,2-Tetrachloroethane
 Concen: 0.452 ppbv
 RT: 13.69 min
 Delta R.T. 0.03 min
 Lab File: VL039071.D
 Acq: 17 May 2022 16:22

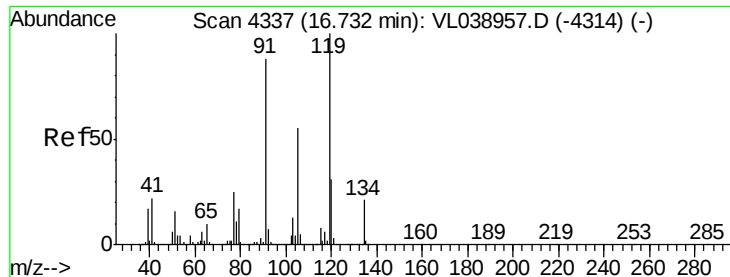
Tot Ion	83	Resp	53571
Ion Ratio	Lower	Upper	
83	100		
131	9.9	4.5	13.7
85	65.1	32.8	98.3



#64
 n-propylbenzene
 Concen: 0.058 ppbv
 RT: 15.58 min Scan# 3978
 Delta R.T. 0.03 min
 Lab File: VL039071.D
 Acq: 17 May 2022 16:22

Tgt Ion	120	Resp	4105
Ion Ratio	Lower	Upper	
120	100		
91	0.0	400.6	601.0#





#65

tert-Butylbenzene

Concen: 0.170 ppbv

RT: 16.76

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 17 May 2022 16:22

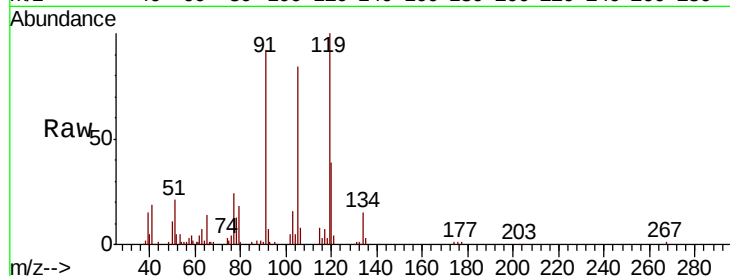
Tot Ion: 119 Resp: 43786

Ion Ratio Lower Upper

119 100

91 254.7 69.4 104.2#

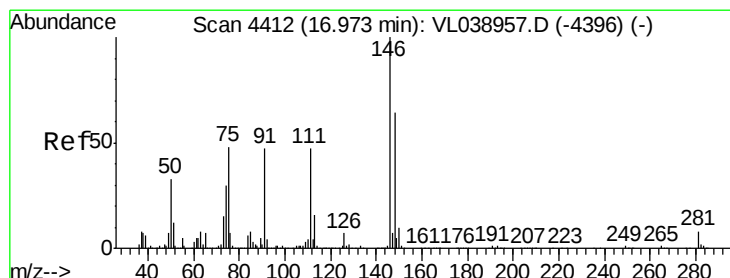
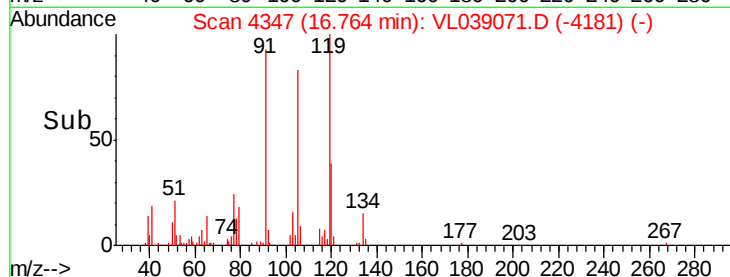
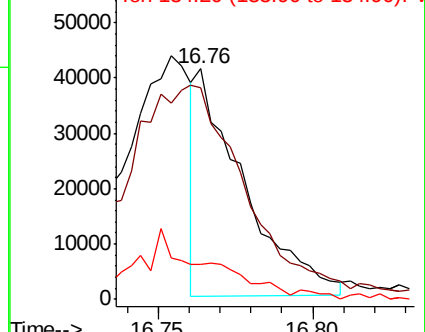
134 0.0 15.8 23.8#



Abundance Ion 119.20 (118.90 to 119.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 134.20 (133.90 to 134.90): V



#66

Benzyl Chloride

Concen: 0.107 ppbv

RT: 17.00 min Scan# 4421

Delta R.T. 0.03 min

Lab File: VL039071.D

Acq: 17 May 2022 16:22

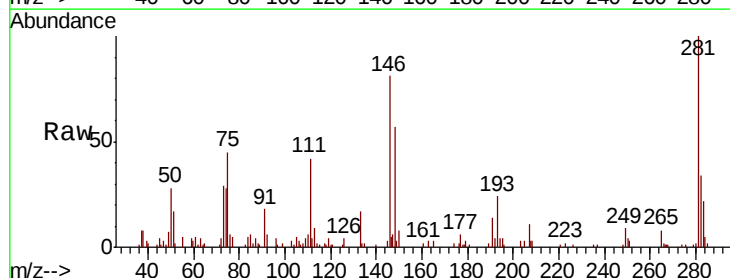
Tgt Ion: 91 Resp: 3617

Ion Ratio Lower Upper

91 100

126 37.8 11.8 17.6#

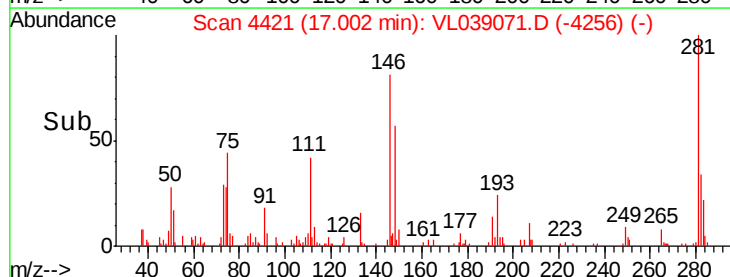
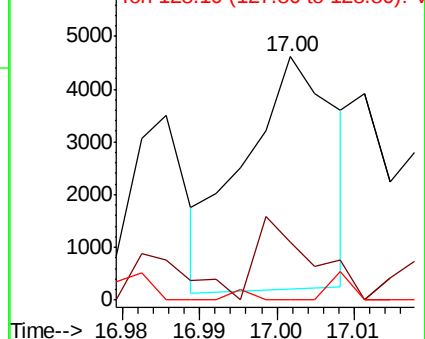
128 8.6 4.2 6.2#

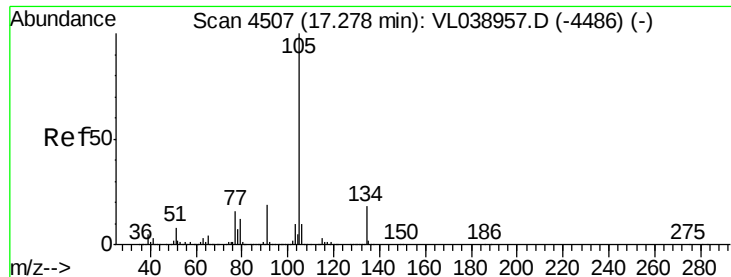


Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V

Ion 128.10 (127.80 to 128.80): V





#67

sec-Butylbenzene

Concen: 0.413 ppbv

RT: 17.30

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

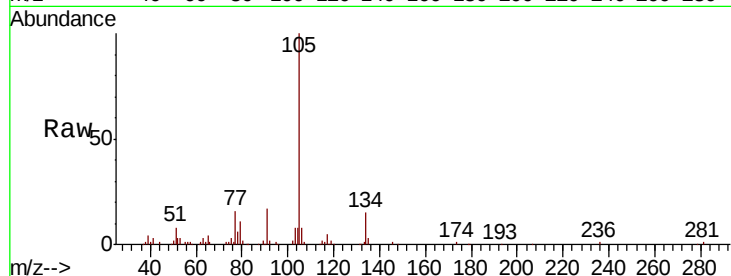
Acq: 17 May 2022 16:22

Tot Ion: 105 Resp: 152043

Ion Ratio Lower Upper

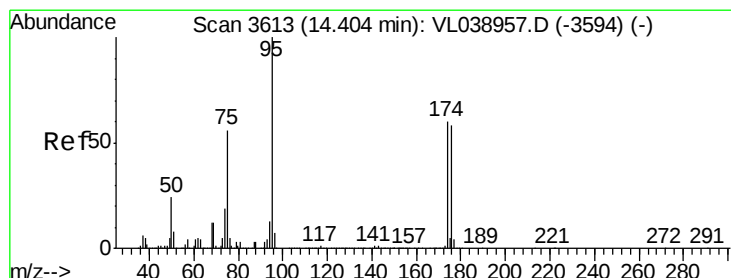
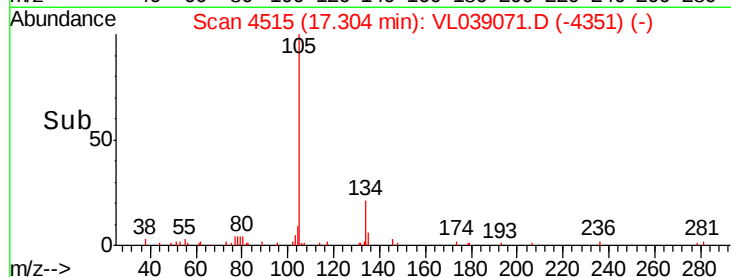
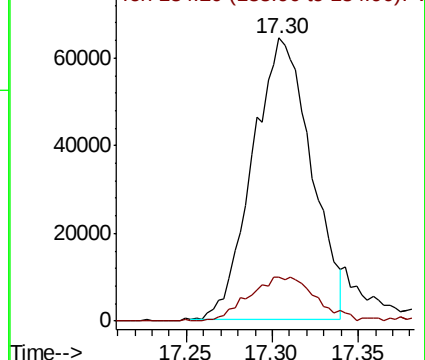
105 100

134 17.9 14.2 21.4



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: 10.573 ppbv

RT: 14.43 min Scan# 3620

Delta R.T. 0.02 min

Lab File: VL039071.D

Acq: 17 May 2022 16:22

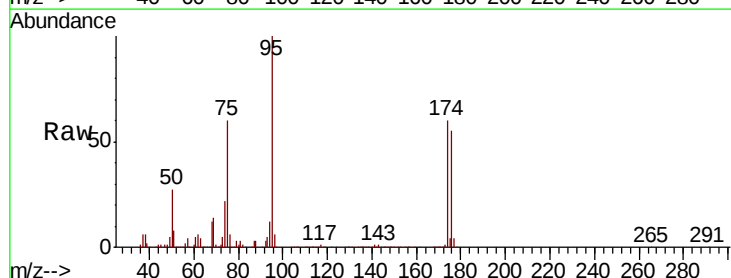
Tgt Ion: 95 Resp: 1457836

Ion Ratio Lower Upper

95 100

174 60.9 50.8 76.2

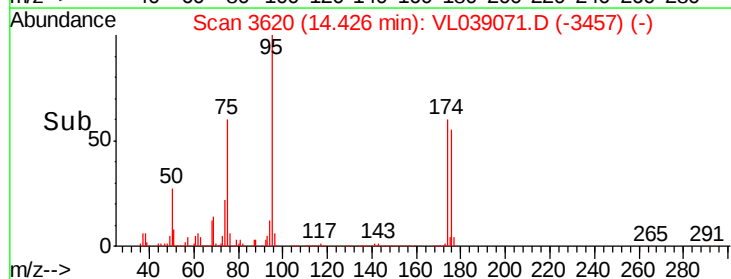
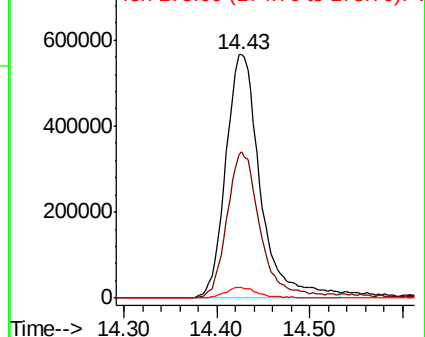
175 4.4 3.8 5.6

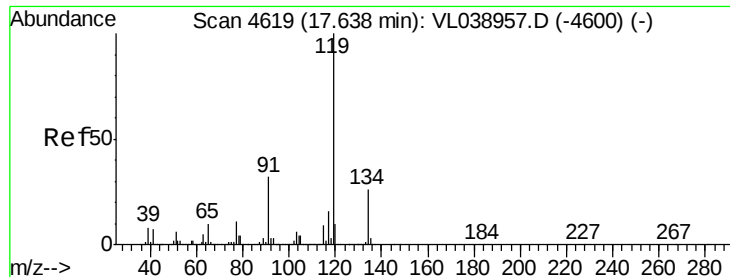


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

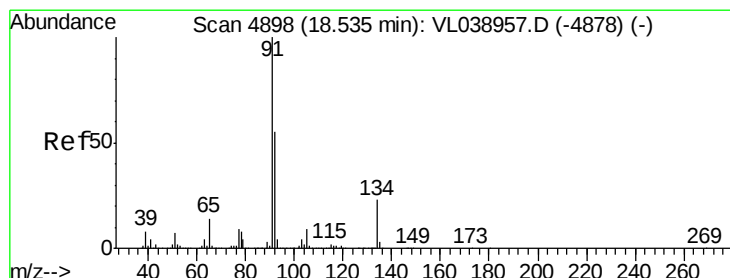
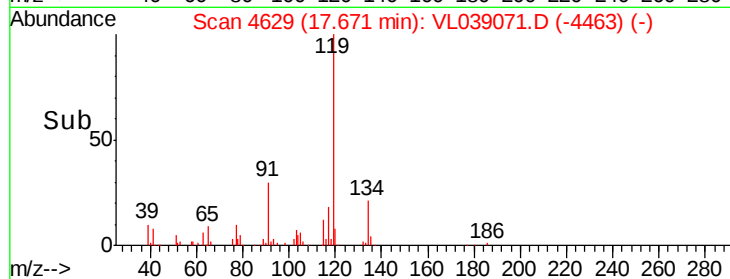
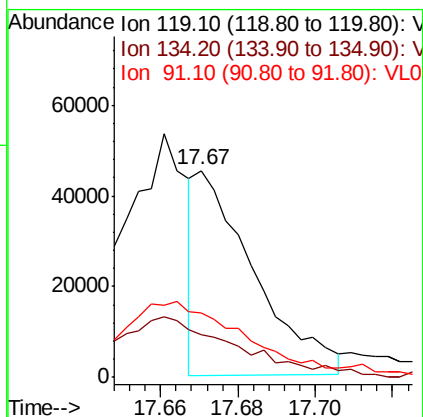
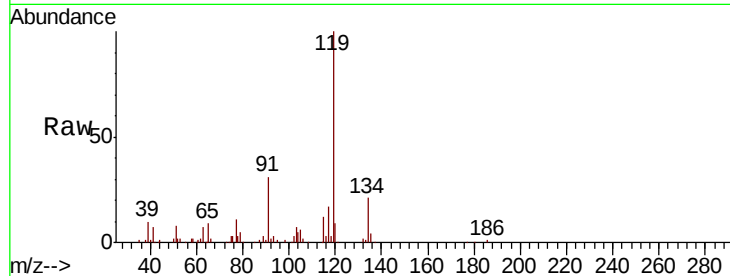
Ion 175.00 (174.70 to 175.70): V





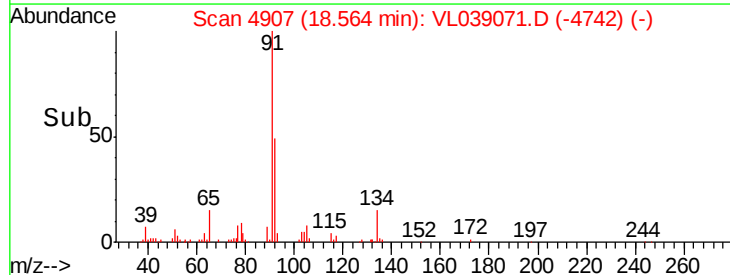
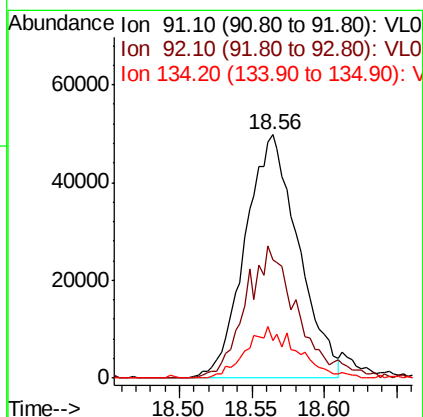
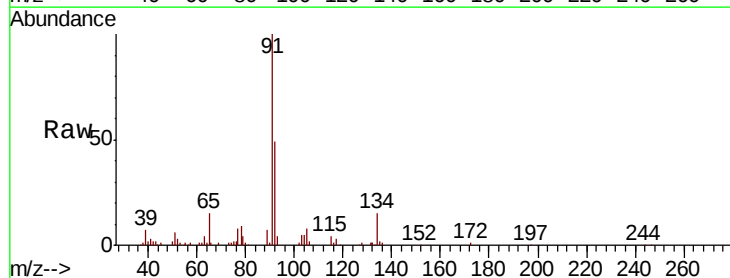
#69
 p-Isopropyltoluene
 Concen: 0.158 ppbv
 RT: 17.67
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 0.4 MDL
 Acq: 17 May 2022 16:22

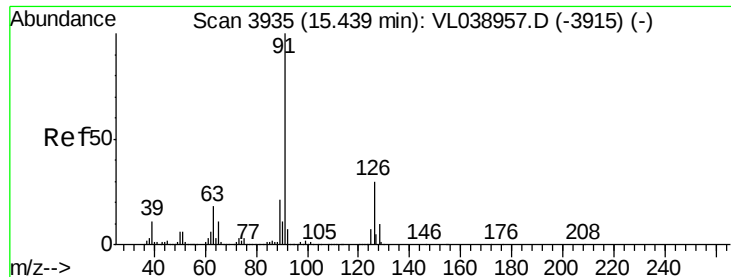
Tot Ion	Ratio	Lower	Upper
119	100		
134	0.0	20.0	30.0#
91	0.0	24.8	37.2#



#70
 n-Butylbenzene
 Concen: 0.401 ppbv
 RT: 18.56 min Scan# 4907
 Delta R.T.: 0.03 min
 Lab File: VL039071.D
 Acq: 17 May 2022 16:22

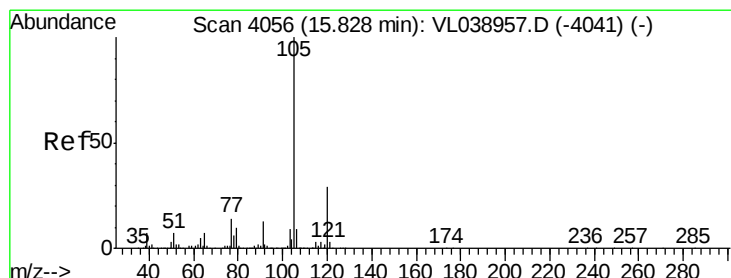
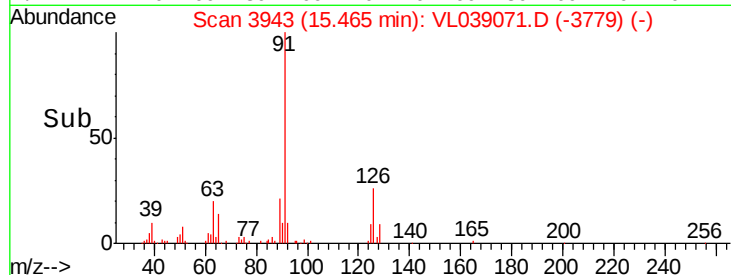
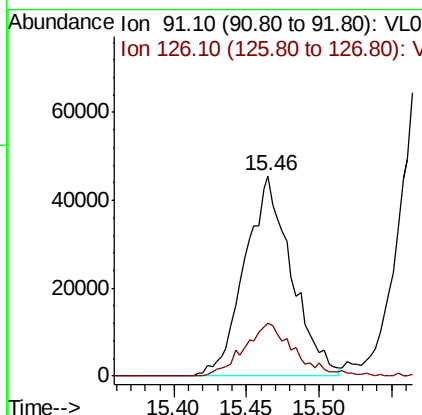
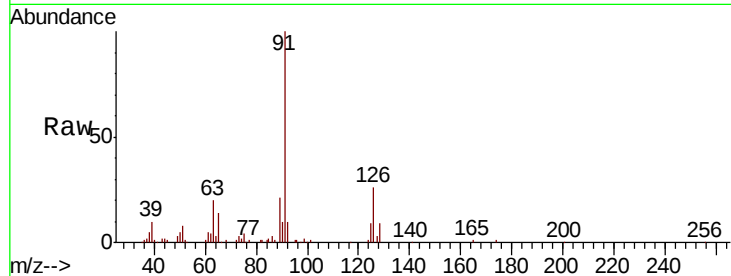
Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.5	43.1	64.7
134	20.1	17.0	25.4





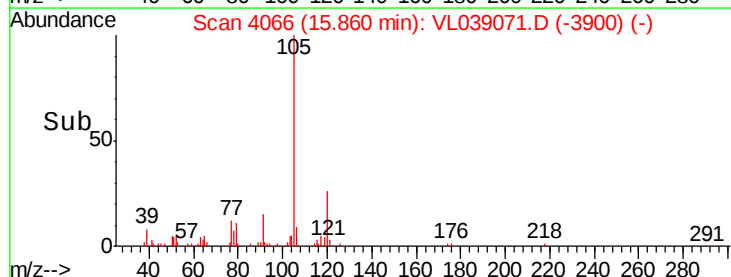
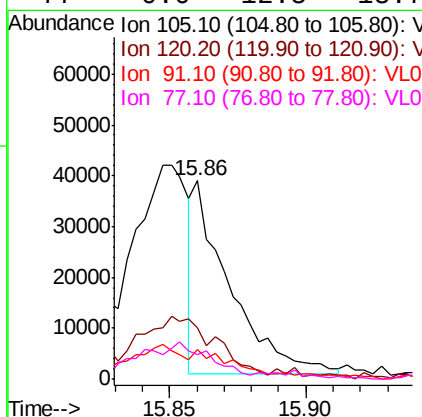
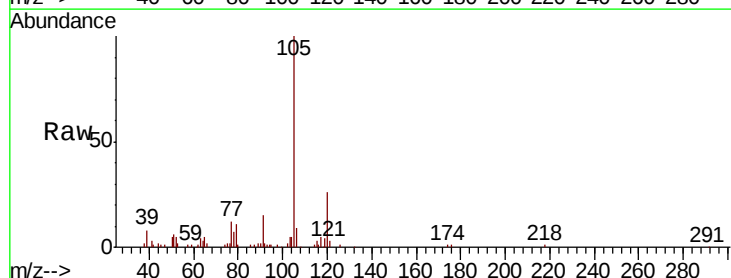
#71
 2-Chlorotoluene
 Concen: 0.450 ppbv
 RT: 15.46
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId:
 0.4 MDL
 Acq: 17 May 2022 16:22

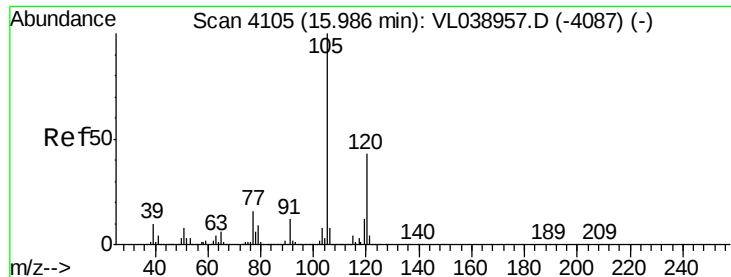
Tot Ion: 91 Resp: 102158
 Ion Ratio Lower Upper
 91 100
 126 28.6 11.9 47.5



#72
 4-Ethyltoluene
 Concen: 0.150 ppbv
 RT: 15.86 min Scan# 4066
 Delta R.T. 0.03 min
 Lab File: VL039071.D
 Acq: 17 May 2022 16:22

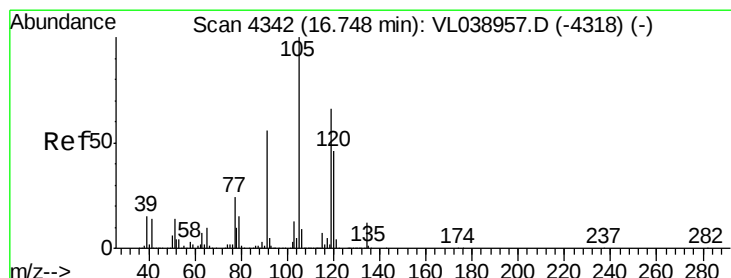
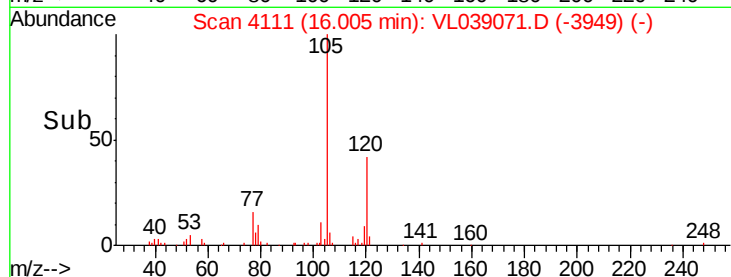
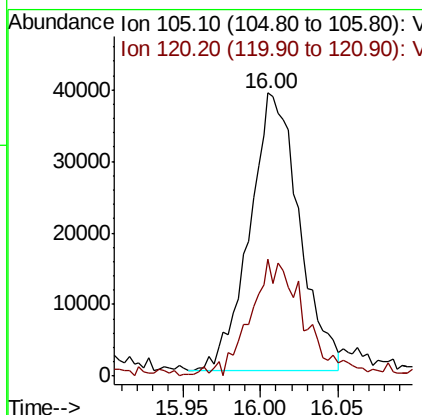
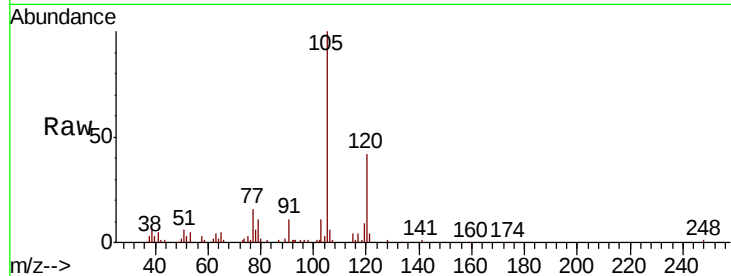
Tgt Ion:105 Resp: 34519
 Ion Ratio Lower Upper
 105 100
 120 0.0 23.4 35.0#
 91 0.0 10.6 16.0#
 77 0.0 12.5 18.7#





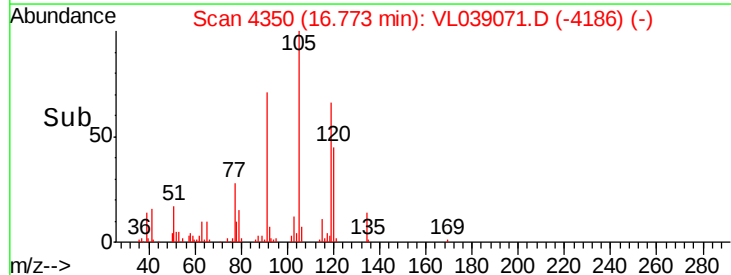
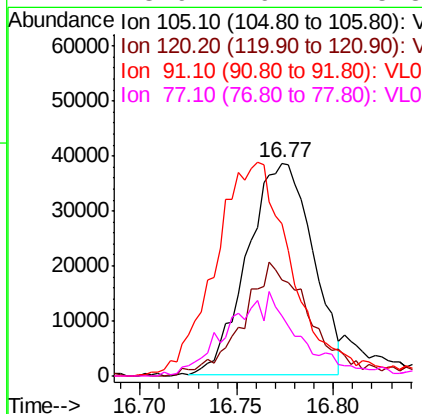
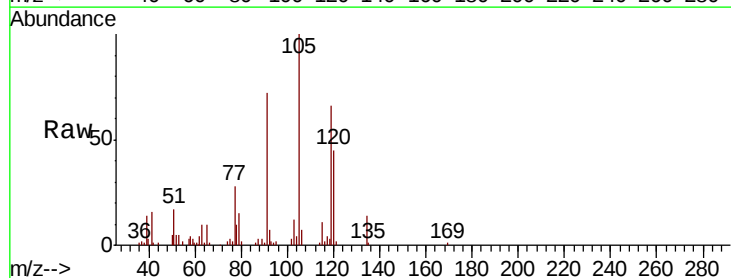
#73
 1,3,5-Trimethylbenzene
 Concen: 0.418 ppbv
 RT: 16.00
 Delta R.T. 0.03 min
 Lab File: VL039071.D
 Acq: 17 May 2022 16:22

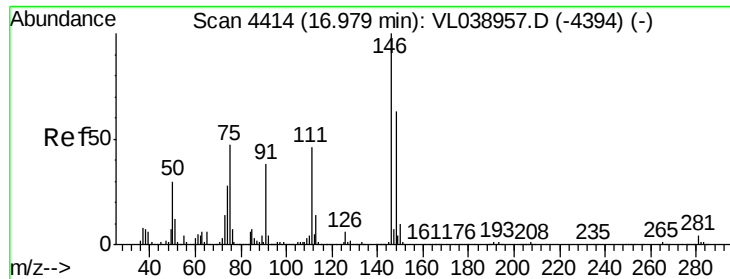
Tot Ion:105 Resp: 86241
 Ion Ratio Lower Upper
 105 100
 120 41.9 34.4 51.6



#74
 1,2,4-Trimethylbenzene
 Concen: 0.396 ppbv
 RT: 16.77 min Scan# 4350
 Delta R.T. 0.03 min
 Lab File: VL039071.D
 Acq: 17 May 2022 16:22

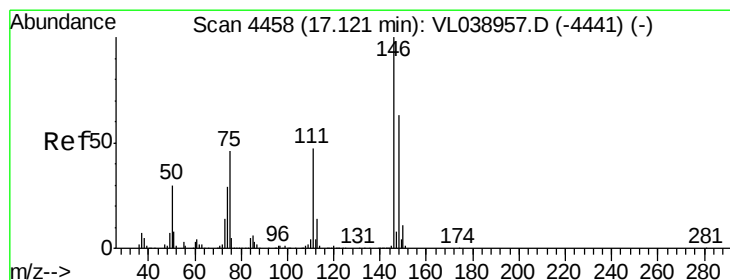
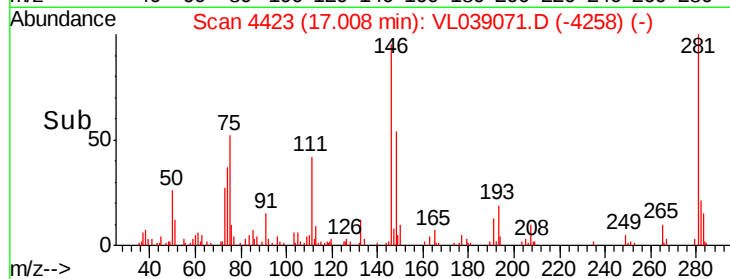
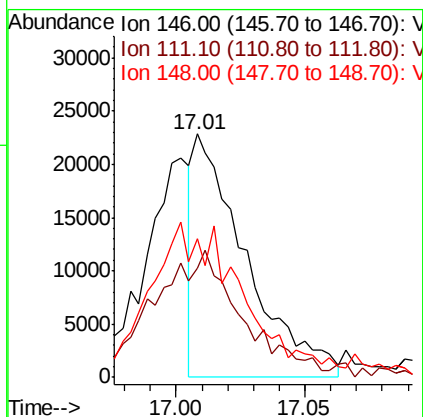
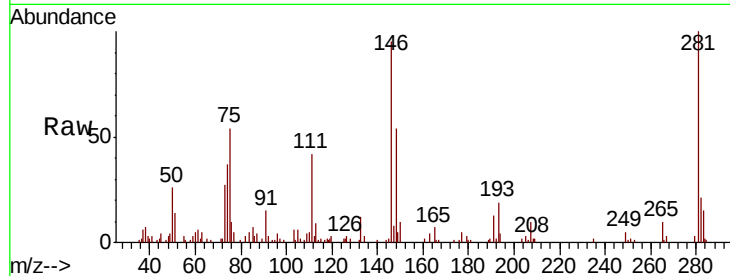
Tgt Ion:105 Resp: 89509
 Ion Ratio Lower Upper
 105 100
 120 43.0 36.9 55.3
 91 59.8 45.0 67.4
 77 23.9 19.2 28.8





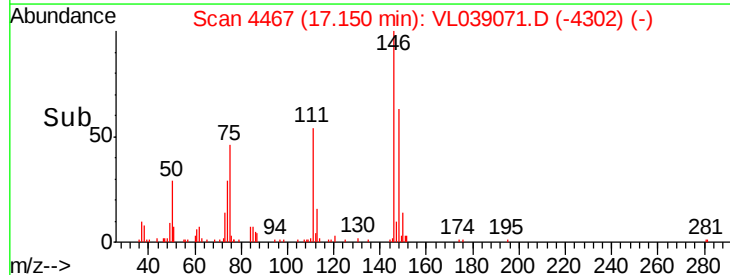
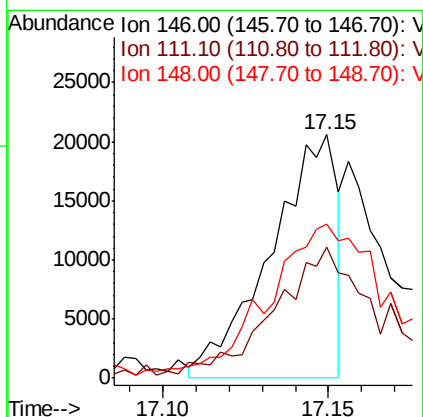
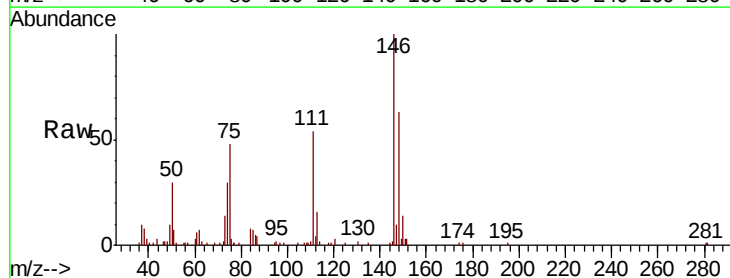
#75
 1,3-Dichlorobenzene
 Concen: 0.257 ppbv
 RT: 17.01 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 17 May 2022 16:22

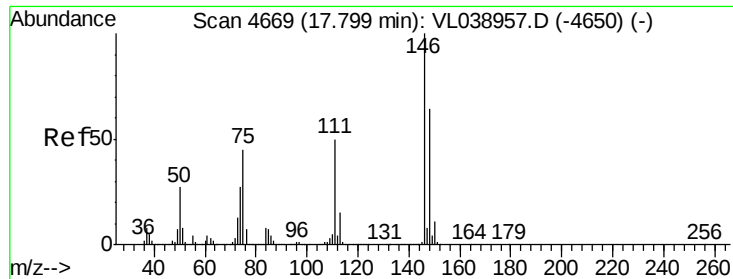
Tot Ion:146 Resp: 31890
 Ion Ratio Lower Upper
 146 100
 111 91.6 24.1 72.2#
 148 0.0 32.4 97.2#



#76
 1,4-Dichlorobenzene
 Concen: 0.238 ppbv
 RT: 17.15 min Scan# 4467
 Delta R.T. 0.03 min
 Lab File: VL039071.D
 Acq: 17 May 2022 16:22

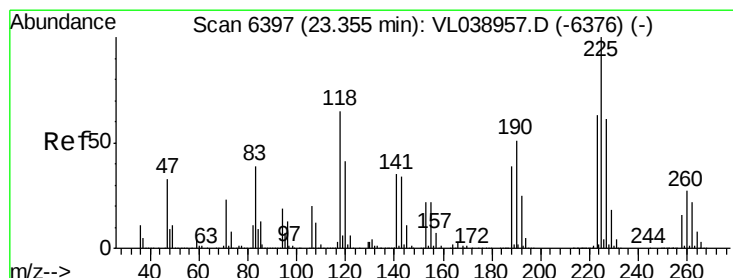
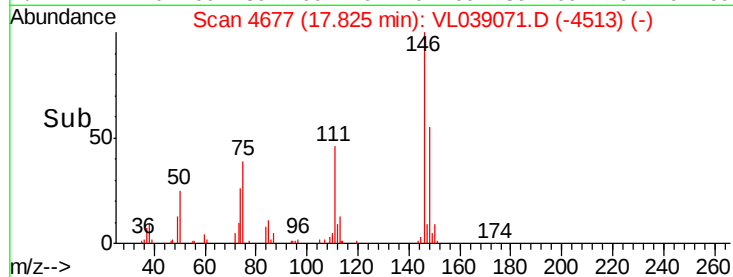
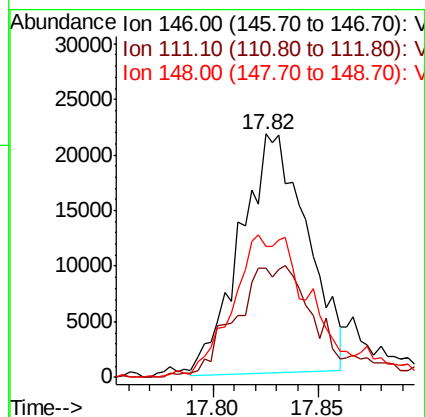
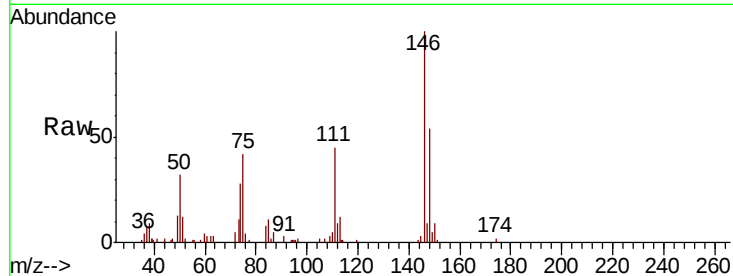
Tgt Ion:146 Resp: 28989
 Ion Ratio Lower Upper
 146 100
 111 93.8 23.6 71.0#
 148 126.4 32.2 96.6#





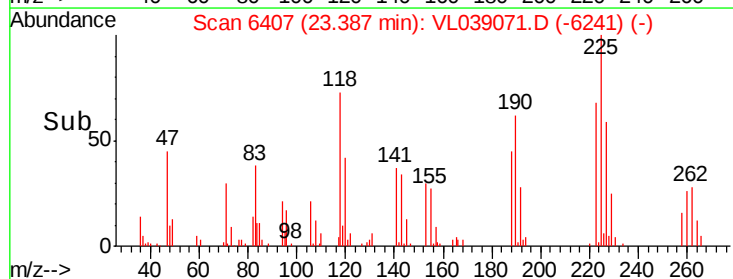
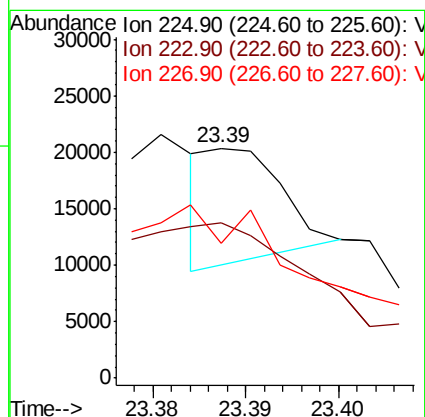
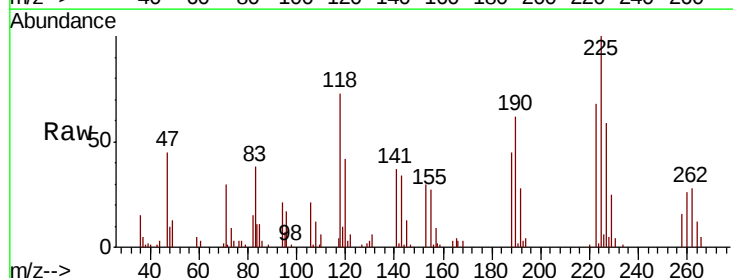
#77
 1,2-Dichlorobenzene
 Concen: 0.388 ppbv
 RT: 17.82 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId:
 0.4 MDL
 Acq: 17 May 2022 16:22

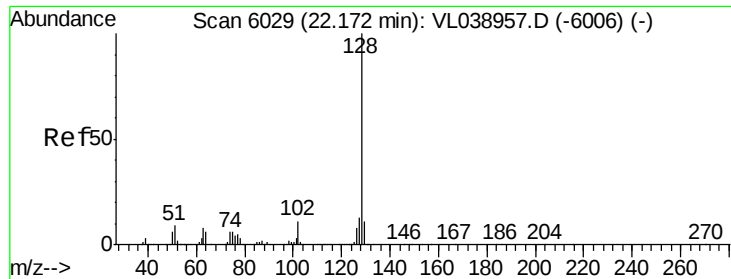
Tot Ion	146	Resp	47546
Ion Ratio	100	Lower	Upper
111	60.5	25.3	75.9
148	76.2	32.3	96.9



#78
 Hexachloro-1,3-Butadiene
 Concen: 0.049 ppbv
 RT: 23.39 min Scan# 6407
 Delta R.T. 0.03 min
 Lab File: VL039071.D
 Acq: 17 May 2022 16:22

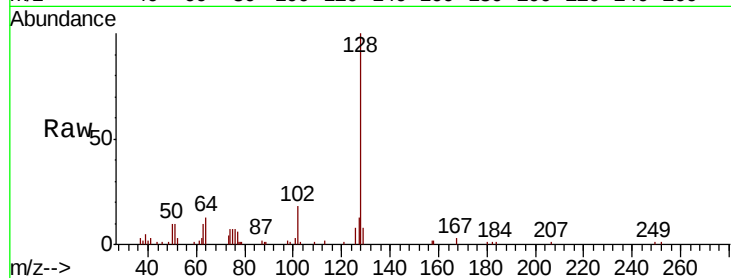
Tgt Ion	225	Resp	5571
Ion Ratio	100	Lower	Upper
223	644.9	51.4	77.0#
227	652.5	51.4	77.0#



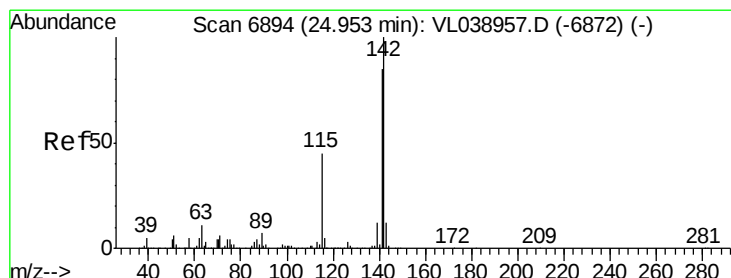
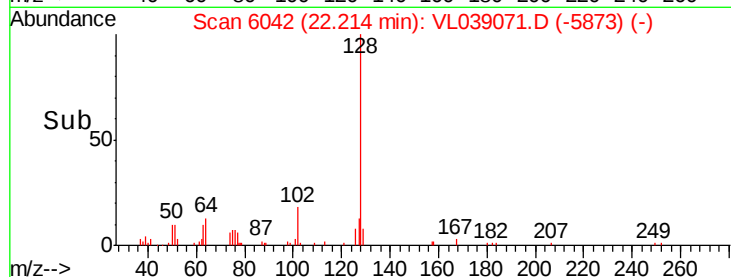
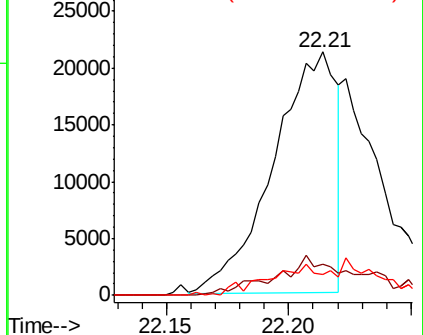


#79
Naphthalene
Concen: 0.209 ppbv
RT: 22.21 min
Instrument: MSVOA_1
Delta R.T.: 0.4 MDL
Lab File: ClientSampleId:
Acq: 17 May 2022 16:22

Tot Ion:128	Resp:	38325
Ion Ratio	Lower	Upper
128	100	
127	11.8	10.2 15.2
129	8.6	8.9 13.3#

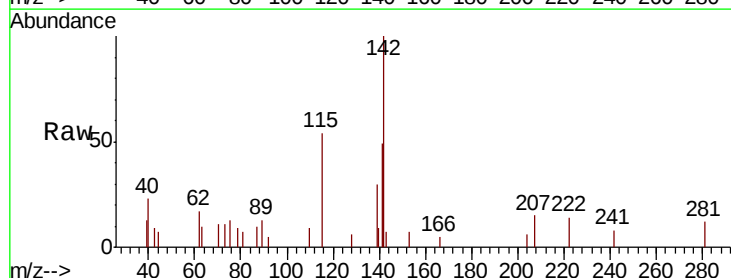


Abundance Ion 128.10 (127.80 to 128.80): V
Ion 127.10 (126.80 to 127.80): V
Ion 129.10 (128.80 to 129.80): V

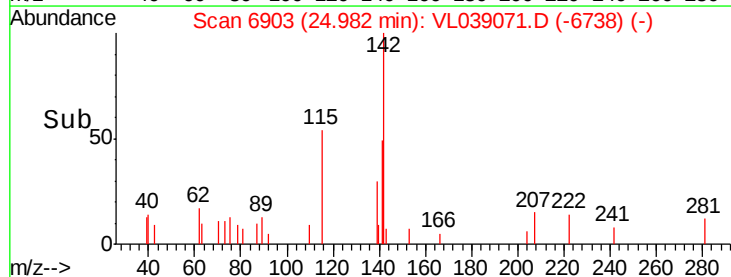
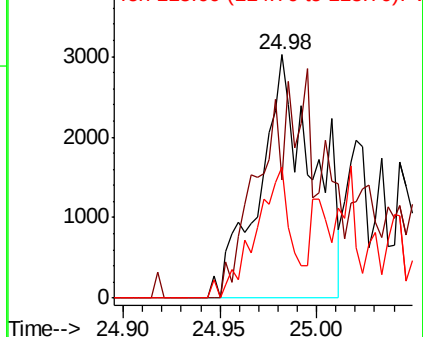


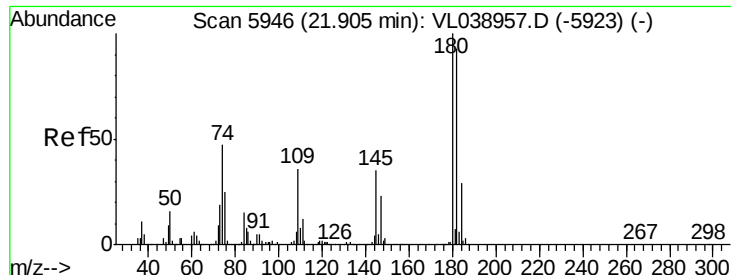
#80
Naphthalene, 2-methyl-
Concen: 0.103 ppbv
RT: 24.98 min Scan# 6903
Delta R.T.: 0.03 min
Lab File: VL039071.D
Acq: 17 May 2022 16:22

Tgt Ion:142	Resp:	5750
Ion Ratio	Lower	Upper
142	100	
141	122.6	70.8 106.2#
115	35.1	35.1 52.7#



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





#81
 1,2,4-Trichlorobenzene
 Concen: 0.312 ppbv
 RT: 21.94
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 Acq: 17 May 2022 18.22

Tot Ion:	180	Resp:	33616
Ion Ratio	Lower	Upper	
180	100		
182	121.4	78.4	117.6#
184	40.4	24.4	36.6#

