

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL050522\
 Data File : VL038959.D
 Acq On : 5 May 2022 4:01
 Operator : SY/AP
 Sample : VSTDICC001
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC001

Quant Time: May 05 04:53:48 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 04:53:24 2022
 QLast Update : Thu May 05 04:53:24 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1370541	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3277609	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	2992669	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.40	95	2332483	9.85	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.50%

Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.05	85	263422	1.189 ppbv	97
3) Chlorodifluoromethane	2.99	51	182899	0.758 ppbv	96
4) Chloromethane	3.14	50	85448	0.953 ppbv	100
5) Vinyl Chloride	3.26	62	74548	0.813 ppbv	98
6) Bromomethane	3.48	94	37408	0.765 ppbv	93
7) Chloroethane	3.56	64	26095	0.834 ppbv	94
8) Dichlorotetrafluoroethane	3.19	85	202236	0.960 ppbv	97
9) Propene	3.01	41	77811	0.983 ppbv	98
10) Heptane	8.11	43	183171	0.904 ppbv	100
11) Trichlorofluoromethane	3.95	101	184607	0.837 ppbv	100
12) 1,1,2-Trichlorotrifluoroet	4.48	101	128560	0.902 ppbv	94
13) Ethanol	3.61	45	1766	0.204 ppbv #	1
14) Bromoethene	3.74	108	55897	0.943 ppbv	99
15) Acetone	3.86	43	126420	0.934 ppbv	94
16) 1,3-Butadiene	3.33	39	72623	0.805 ppbv	98
17) tert-Butyl alcohol	4.29	59	68812	0.604 ppbv #	78
18) 1,1-Dichloroethene	4.29	96	35667	0.566 ppbv	95
19) Isopropyl Alcohol	3.97	45	64438	0.892 ppbv #	94
20) Methylene Chloride	4.34	84	23041	0.378 ppbv	99
21) Allyl Chloride	4.41	41	79042	0.762 ppbv	87
22) trans-1,2-Dichloroethene	4.88	96	59889	1.003 ppbv	86
23) Vinyl Acetate	5.07	43	92827	0.451 ppbv #	90
24) 1,1-Dichloroethane	5.01	63	120992	0.764 ppbv	99
25) Ethyl Acetate	5.68	43	312923	0.976 ppbv	98
26) Hexane	5.68	57	132492	0.907 ppbv	90
27) Carbon Disulfide	4.55	76	124464	0.864 ppbv	95
28) Methyl tert-Butyl Ether	5.04	73	99347	0.616 ppbv	93
29) Chloroform	5.74	83	227670	0.959 ppbv	95
30) Cyclohexane	7.13	84	117640	0.994 ppbv #	67
31) cis-1,2-Dichloroethene	5.55	61	141847	0.994 ppbv	94
32) 1,1,1-Trichloroethane	6.50	97	214670	0.898 ppbv	96
34) 2-Butanone	5.25	43	164387	1.010 ppbv	94
35) Carbon Tetrachloride	7.01	117	225792	0.898 ppbv	93
36) Benzene	6.88	78	291986	0.976 ppbv #	92
37) 1,2-Dichloroethane	6.30	62	179489	1.003 ppbv	100
38) Trichloroethene	7.83	130	68468	0.572 ppbv	93
39) 1,2-Dichloropropane	7.60	63	114931	0.949 ppbv	93
40) 1,4-Dioxane	7.84	88	15002	0.482 ppbv #	1
41) Tetrahydrofuran	6.06	42	112255	1.389 ppbv	97
42) Bromodichloromethane	7.78	83	232810	0.957 ppbv	100
43) Methyl Methacrylate	8.01	69	112416	1.090 ppbv	99

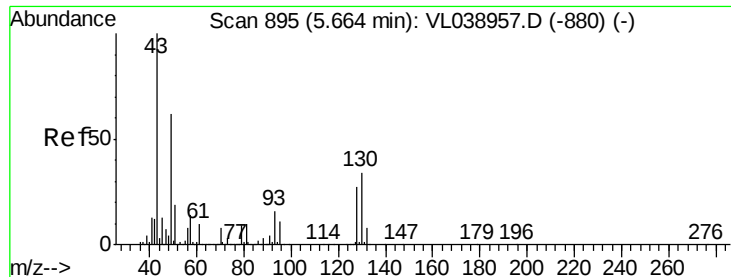
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL050522\
 Data File : VL038959.D
 Acq On : 5 May 2022 4:01
 Operator : SY/AP
 Sample : VSTDICC001
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC001

Quant Time: May 05 04:53:48 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 04:53:24 2022
 QLast Update : Thu May 05 04:53:24 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.86	57	522813	0.988	ppbv	98
45) t-1,3-Dichloropropene	9.27	75	42726	0.365	ppbv	97
46) cis-1,3-Dichloropropene	8.69	75	65702	0.442	ppbv	97
47) 1,1,2-Trichloroethane	9.47	97	113543	0.921	ppbv	94
48) Dibromochloromethane	10.29	129	97316	0.513	ppbv #	22
49) Bromoform	13.02	173	137076	0.904	ppbv	99
50) 4-Methyl-2-Pentanone	8.74	43	136471	0.561	ppbv #	22
51) 2-Hexanone	10.13	43	187062	1.359	ppbv #	90
52) Tetrachloroethene	11.21	164	98975	0.896	ppbv	99
53) Toluene	9.79	91	321339	1.006	ppbv	99
54) 1,2-Dibromoethane	10.60	107	94002	0.541	ppbv	100
56) 1,1,1,2-Tetrachloroethane	12.11	131	134212	0.996	ppbv #	1
57) Chlorobenzene	12.13	112	237268	0.948	ppbv	97
58) Ethyl Benzene	12.70	91	453605	1.054	ppbv	92
59) m/p-Xylene	12.98	91	415524	1.104	ppbv #	47
60) o-Xylene	13.67	91	375963	1.034	ppbv	96
61) Styrene	13.51	104	181094	1.000	ppbv	98
62) Isopropylbenzene	14.65	105	534078	1.079	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.66	83	122948	0.451	ppbv #	43
64) n-propylbenzene	15.55	120	71193	0.590	ppbv #	1
65) tert-Butylbenzene	16.73	119	474168	1.103	ppbv	97
66) Benzyl Chloride	16.97	91	7519	0.143	ppbv #	1
67) sec-Butylbenzene	17.28	105	309015	0.506	ppbv #	55
69) p-Isopropyltoluene	17.64	119	553330	1.160	ppbv	98
70) n-Butylbenzene	18.53	91	336239	0.673	ppbv #	50
71) 2-Chlorotoluene	15.44	91	411281	1.105	ppbv	98
72) 4-Ethyltoluene	15.82	105	412100	1.033	ppbv	99
73) 1,3,5-Trimethylbenzene	15.98	105	377590	1.015	ppbv	98
74) 1,2,4-Trimethylbenzene	16.74	105	412323	1.027	ppbv	94
75) 1,3-Dichlorobenzene	16.98	146	210796	0.937	ppbv	94
76) 1,4-Dichlorobenzene	17.12	146	207052	0.924	ppbv	95
77) 1,2-Dichlorobenzene	17.80	146	225378	1.058	ppbv	99
78) Hexachloro-1,3-Butadiene	23.36	225	219908	1.147	ppbv	99
79) Naphthalene	22.18	128	182202	0.736	ppbv	99
80) Naphthalene, 2-methyl-	24.96	142	74841	1.385	ppbv	97
81) 1,2,4-Trichlorobenzene	21.91	180	122990	0.818	ppbv #	58

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDIC001

Acq: 5 May 2022 4:01

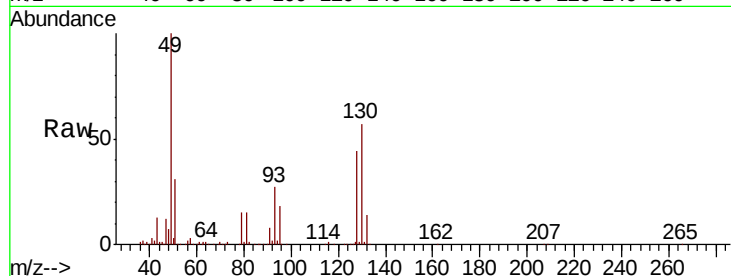
Tot Ion: 49 Resp: 1370541

Ion	Ratio	Lower	Upper
49	100		
128	46.5	23.3	69.8
130	59.9	29.8	89.3

49 100

128 46.5 23.3 69.8

130 59.9 29.8 89.3



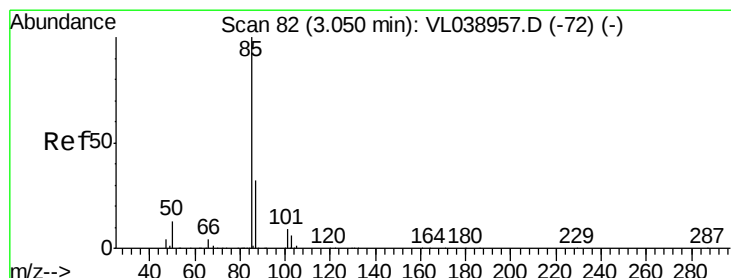
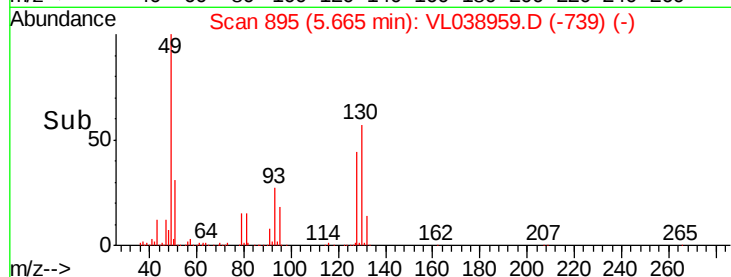
Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0

5.66

Time-->



#2

Dichlorodifluoromethane

Concen: 1.189 ppbv

RT: 3.05 min Scan# 82

Delta R.T. 0.00 min

Lab File: VL038959.D

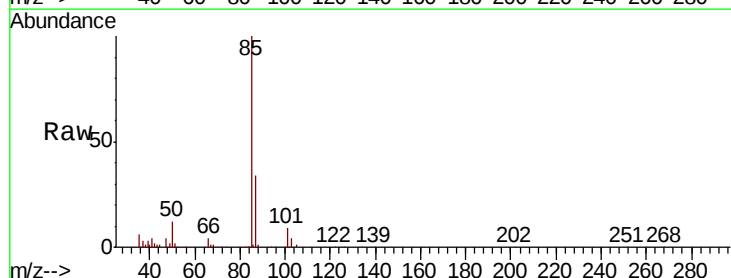
Acq: 5 May 2022 4:01

Tgt Ion: 85 Resp: 263422

Ion	Ratio	Lower	Upper
85	100		
87	33.5	25.7	38.5

85 100

87 33.5 25.7 38.5

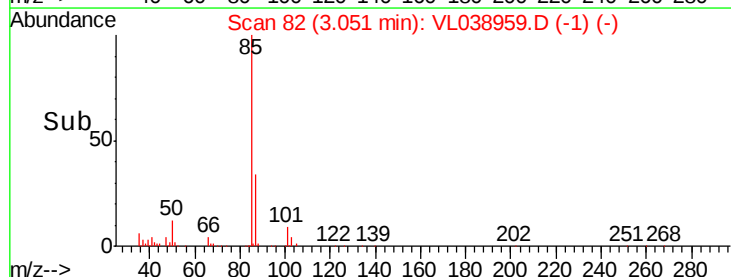


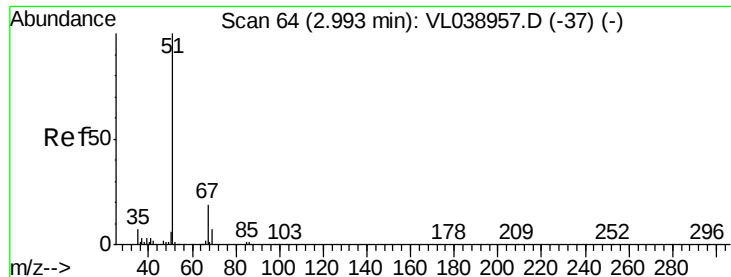
Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0

3.05

Time-->





#3

Chlorodifluoromethane

Concen: 0.758 ppbv

RT: 2.99 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDIC001

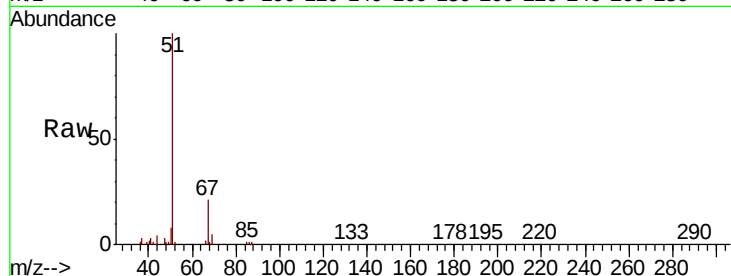
Acq: 5 May 2022 4:01

Tot Ion: 51 Resp: 182899

Ion Ratio Lower Upper

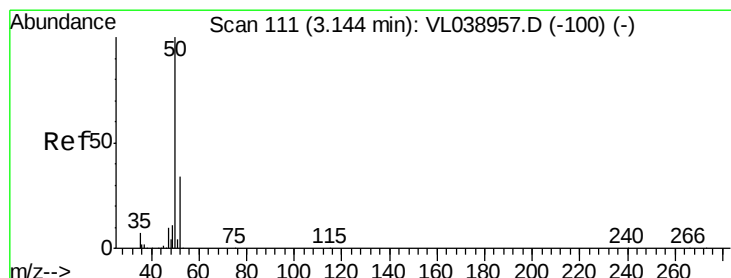
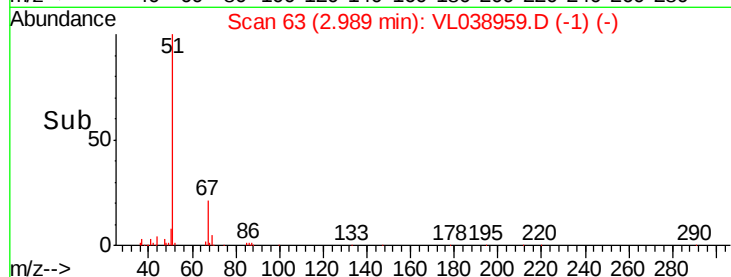
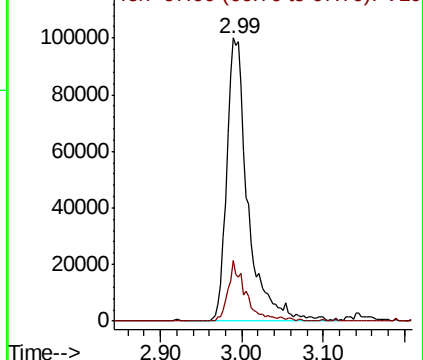
51 100

67 18.1 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: 0.953 ppbv

RT: 3.14 min Scan# 111

Delta R.T. 0.00 min

Lab File: VL038959.D

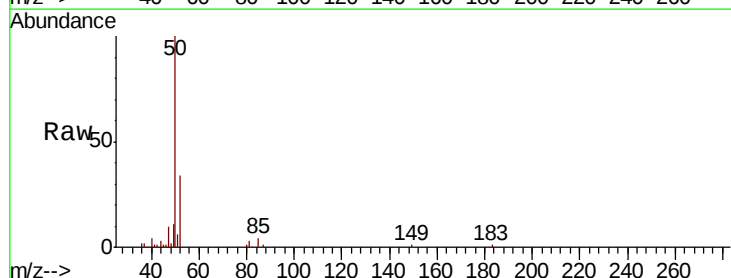
Acq: 5 May 2022 4:01

Tgt Ion: 50 Resp: 85448

Ion Ratio Lower Upper

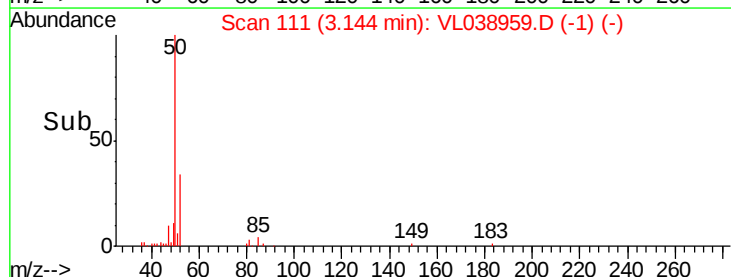
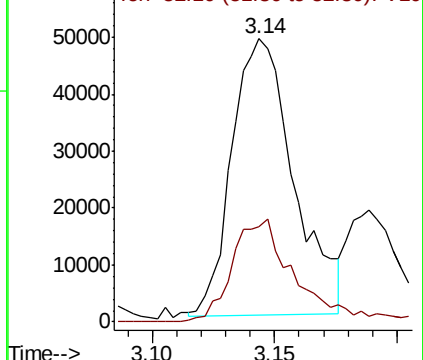
50 100

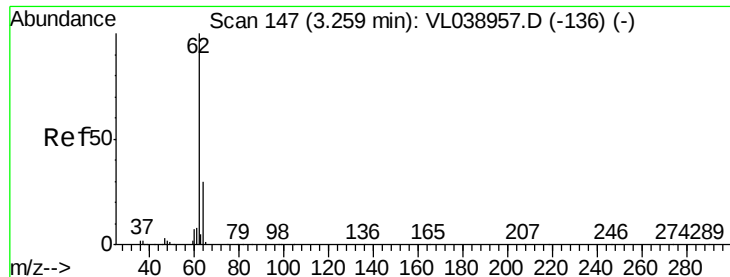
52 34.3 27.3 40.9



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#5

Vinyl Chloride

Concen: 0.813 ppbv

RT: 3.26 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

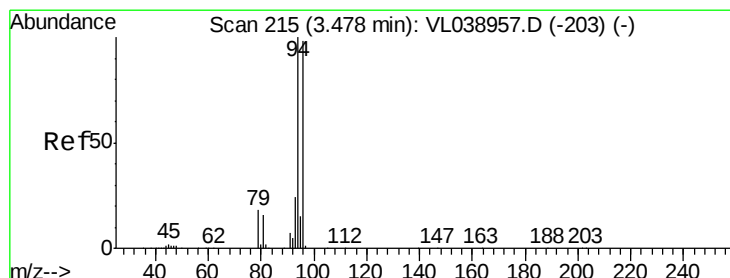
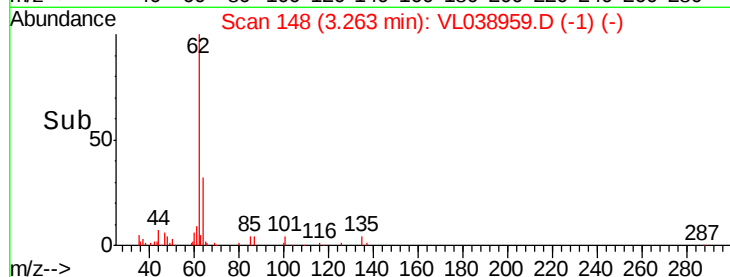
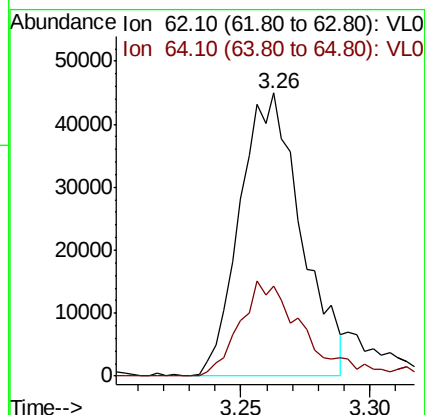
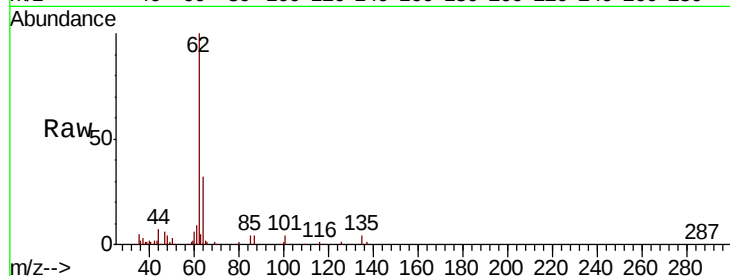
Acq: 5 May 2022 4:01

Tot Ion: 62 Resp: 74548

Ion Ratio Lower Upper

62 100

64 31.3 24.2 36.4



#6

Bromomethane

Concen: 0.765 ppbv

RT: 3.48 min Scan# 215

Delta R.T. 0.00 min

Lab File: VL038959.D

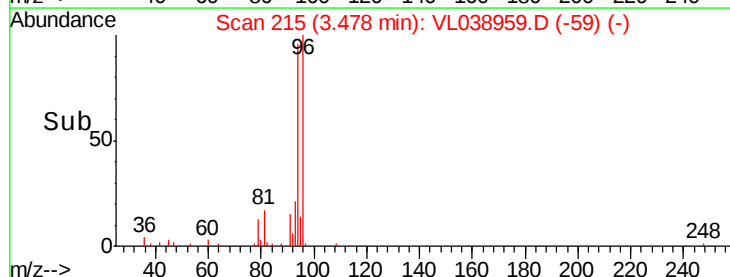
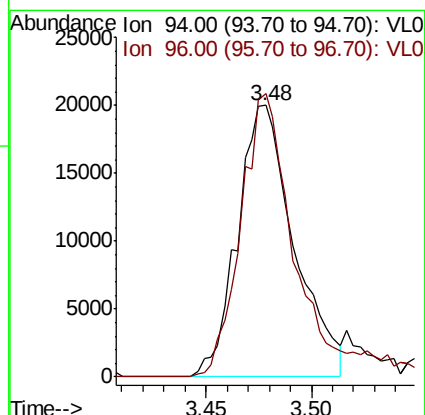
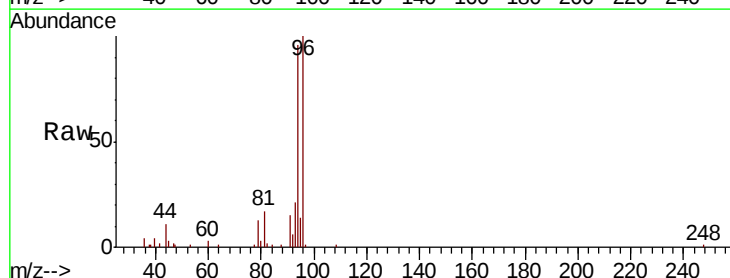
Acq: 5 May 2022 4:01

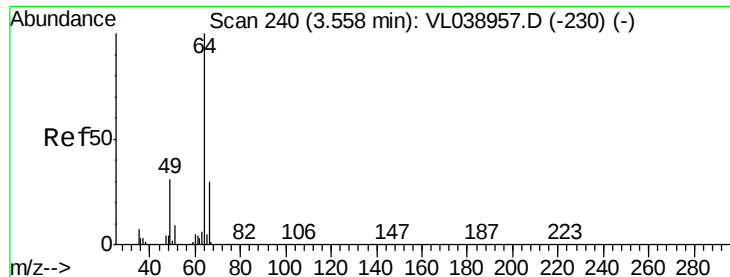
Tgt Ion: 94 Resp: 37408

Ion Ratio Lower Upper

94 100

96 104.2 78.1 117.1





#7

Chloroethane

Concen: 0.834 ppbv

RT: 3.56 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

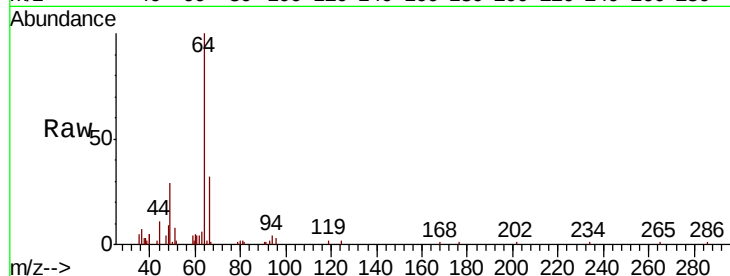
Acq: 5 May 2022 4:01 VSTDIC001

Tot Ion: 64 Resp: 26095

Ion Ratio Lower Upper

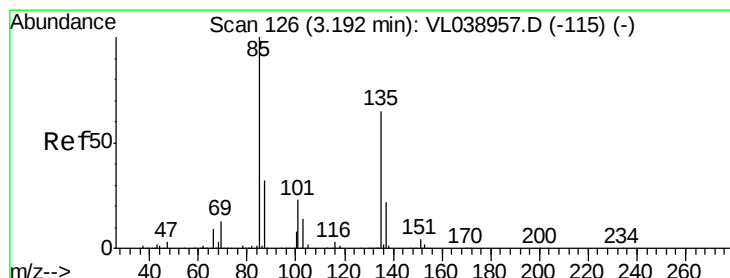
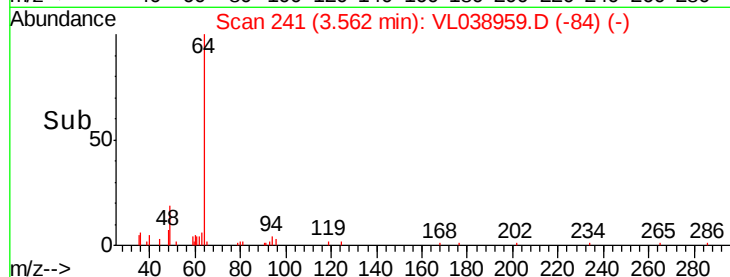
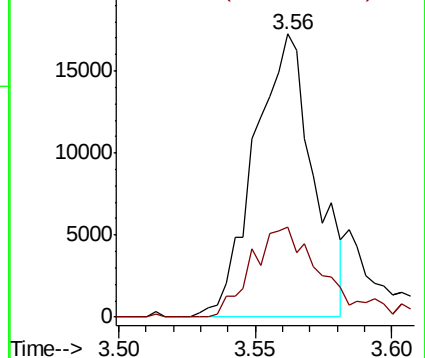
64 100

66 33.0 23.8 35.8



Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0



#8

Dichlorotetrafluoroethane

Concen: 0.960 ppbv

RT: 3.19 min Scan# 125

Delta R.T. -0.00 min

Lab File: VL038959.D

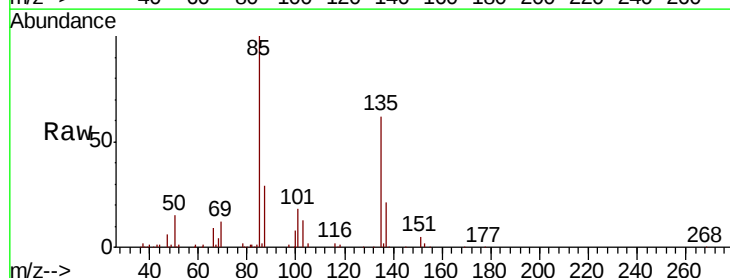
Acq: 5 May 2022 4:01

Tgt Ion: 85 Resp: 202236

Ion Ratio Lower Upper

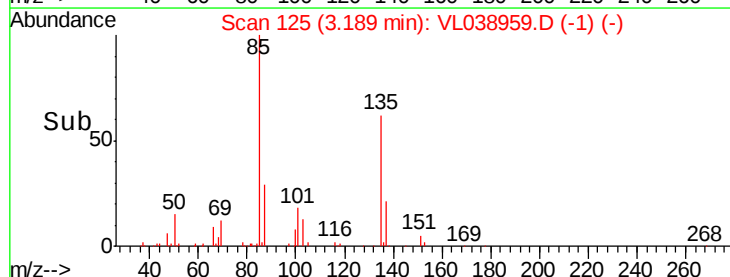
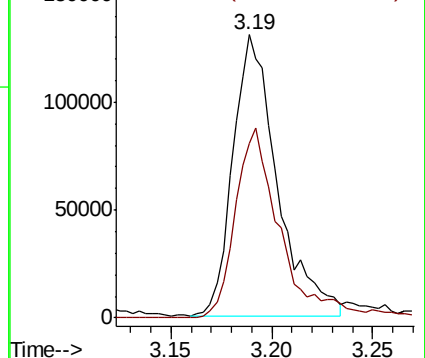
85 100

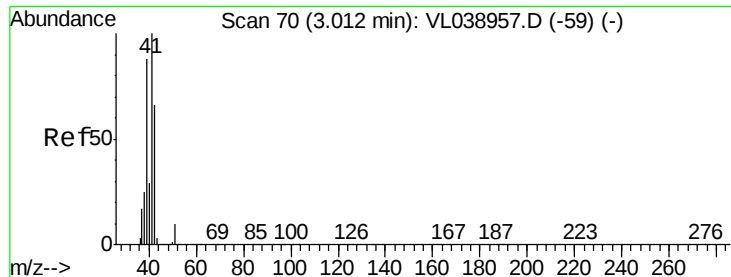
135 69.5 53.6 80.4



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V





#9

Propene

Concen: 0.983 ppbv

RT: 3.01 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

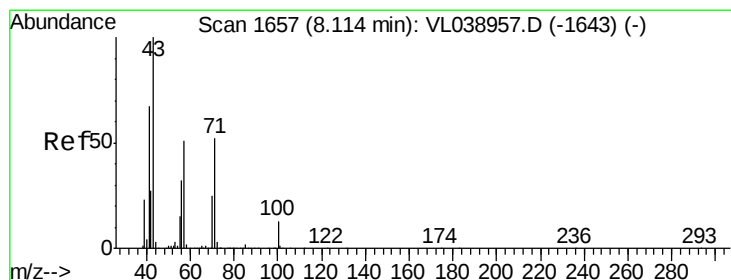
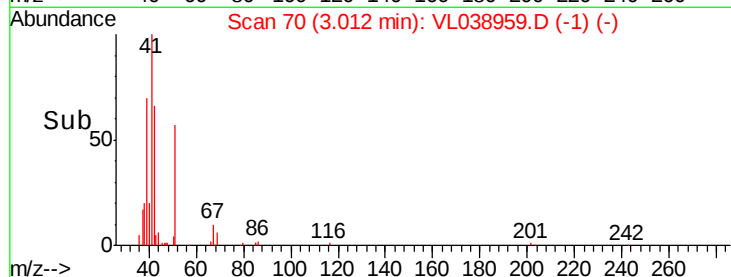
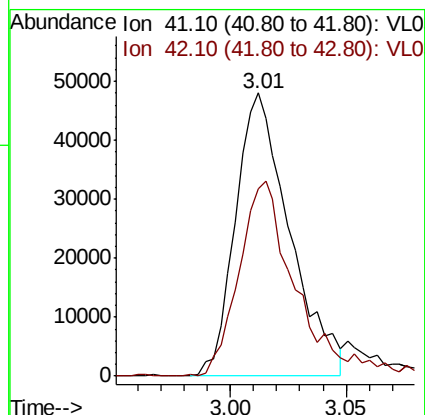
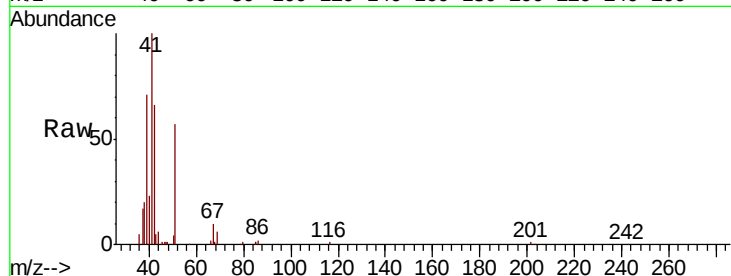
Acq: 5 May 2022 4:01 VSTDIC001

Tot Ion: 41 Resp: 77811

Ion Ratio Lower Upper

41 100

42 74.9 58.3 87.5



#10

Heptane

Concen: 0.904 ppbv

RT: 8.11 min Scan# 1656

Delta R.T. -0.00 min

Lab File: VL038959.D

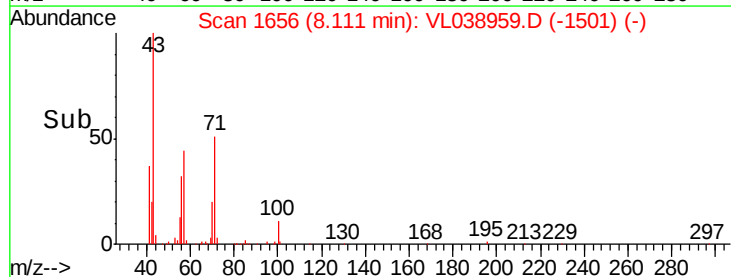
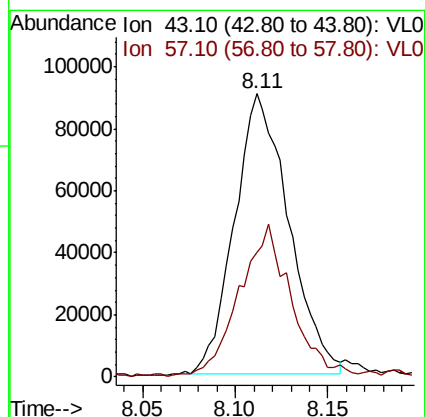
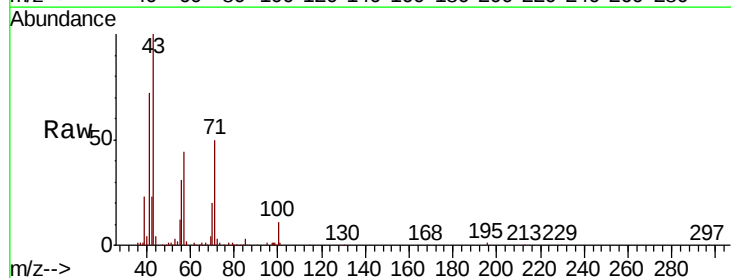
Acq: 5 May 2022 4:01

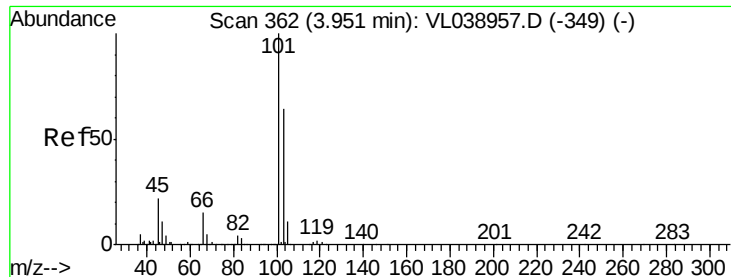
Tgt Ion: 43 Resp: 183171

Ion Ratio Lower Upper

43 100

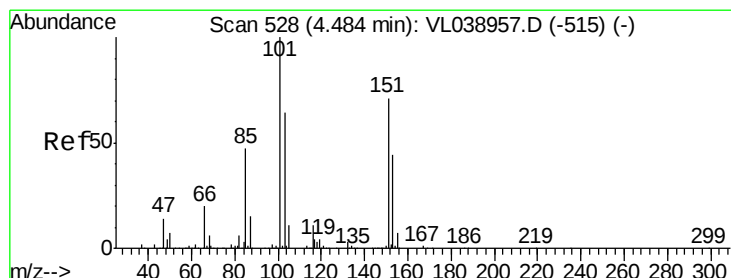
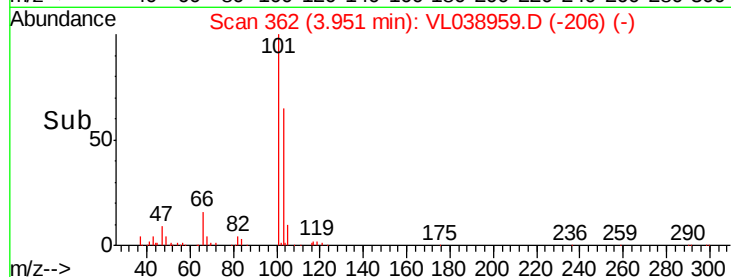
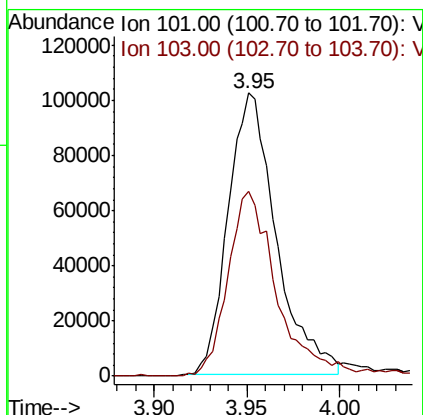
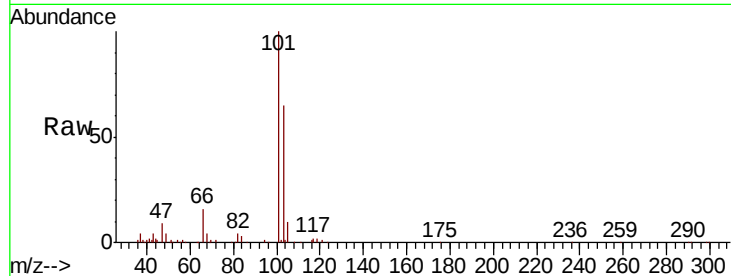
57 50.7 40.5 60.7





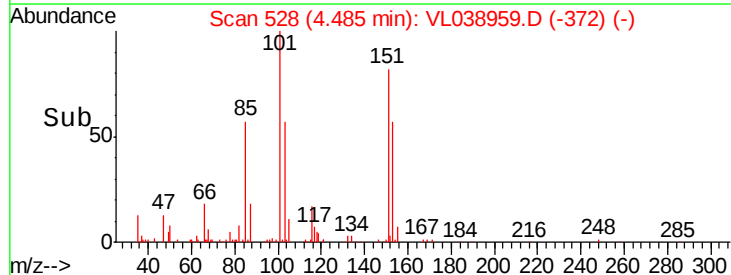
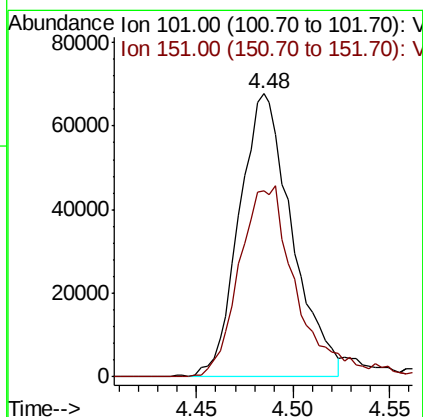
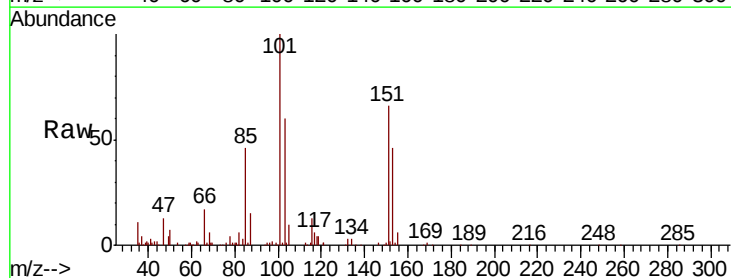
#11
 Trichlorofluoromethane
 Concen: 0.837 ppbv
 RT: 3.95
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDIC001
 Acq: 5 May 2022 4:01

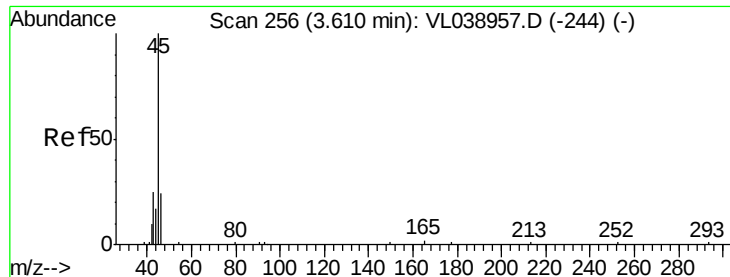
Tot Ion:101 Resp: 184607
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.5 77.3



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.902 ppbv
 RT: 4.48 min Scan# 528
 Delta R.T. 0.00 min
 Lab File: VL038959.D
 Acq: 5 May 2022 4:01

Tgt Ion:101 Resp: 128560
 Ion Ratio Lower Upper
 101 100
 151 74.4 55.4 83.0





#13

Ethanol

Concen: 0.204 ppbv

RT: 3.61 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

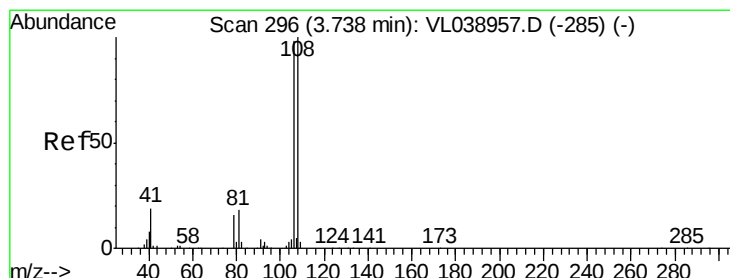
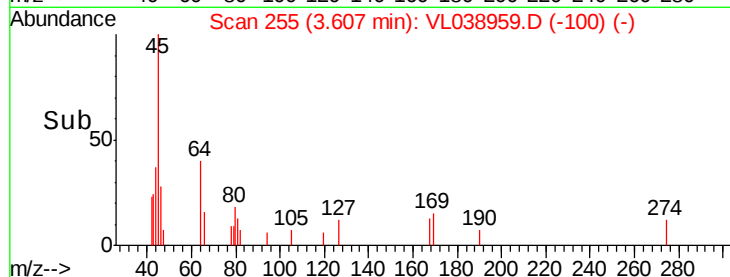
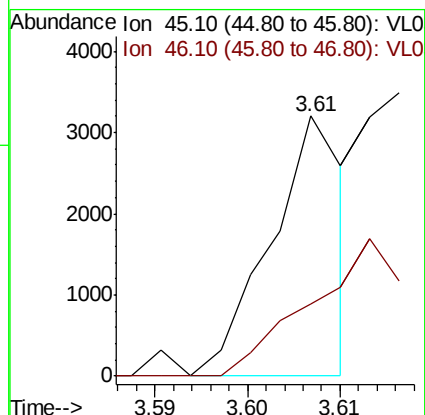
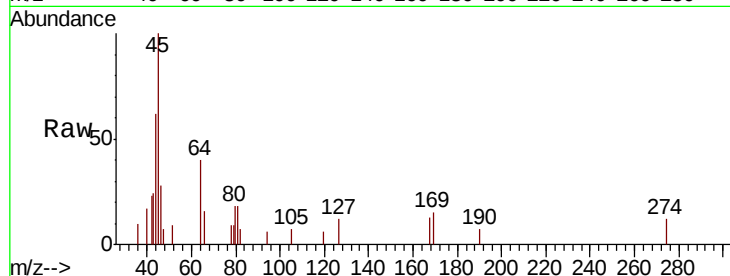
Acq: 5 May 2022 4:01 VSTDIC001

Tot Ion: 45 Resp: 1766

Ion Ratio Lower Upper

45 100

46 224.7 18.0 72.2#



#14

Bromoethene

Concen: 0.943 ppbv

RT: 3.74 min Scan# 296

Delta R.T. 0.00 min

Lab File: VL038959.D

Acq: 5 May 2022 4:01

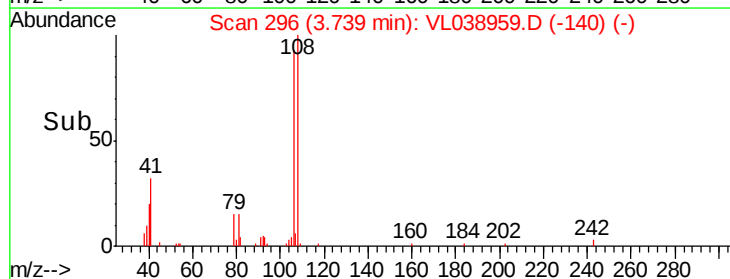
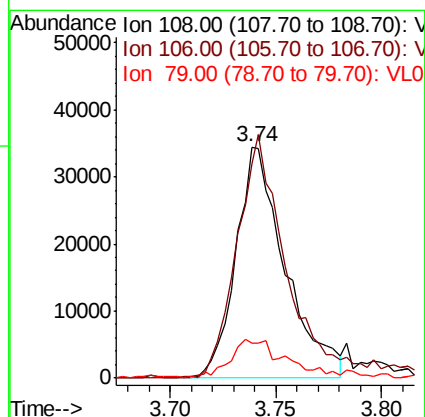
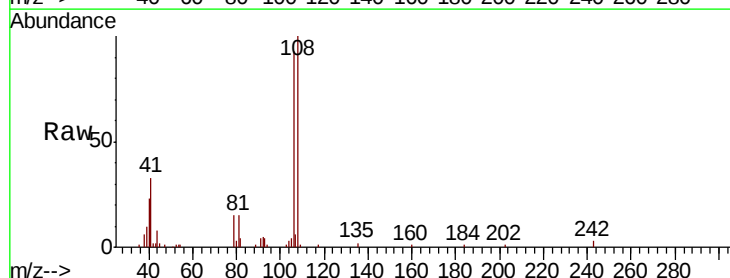
Tgt Ion: 108 Resp: 55897

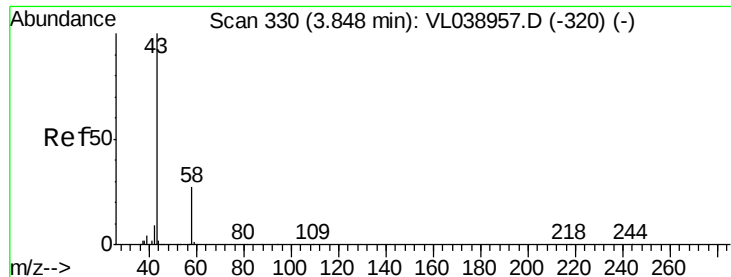
Ion Ratio Lower Upper

108 100

106 113.8 90.3 135.5

79 20.0 14.9 22.3





#15

Acetone

Concen: 0.934 ppbv

RT: 3.86 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

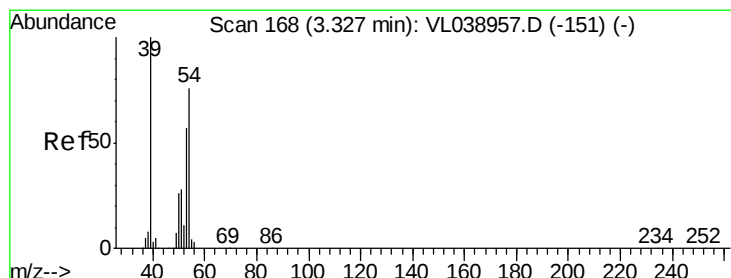
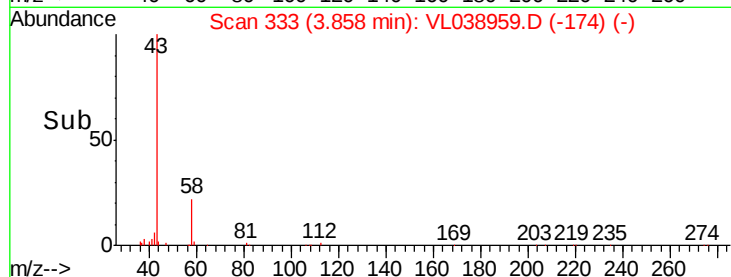
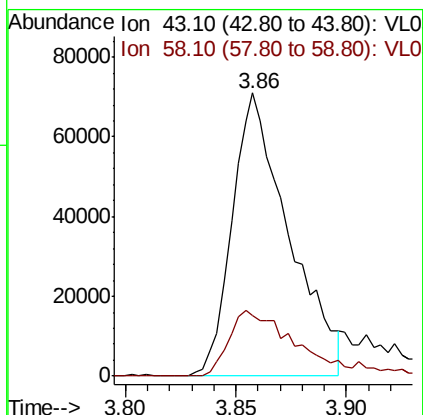
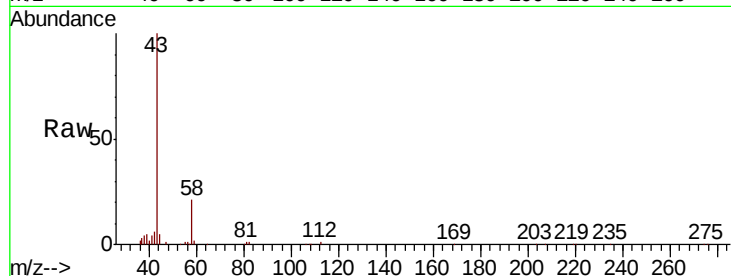
Acq: 5 May 2022 4:01 VSTDIC001

Tot Ion: 43 Resp: 126420

Ion Ratio Lower Upper

43 100

58 29.5 21.3 31.9



#16

1,3-Butadiene

Concen: 0.805 ppbv

RT: 3.33 min Scan# 168

Delta R.T. 0.00 min

Lab File: VL038959.D

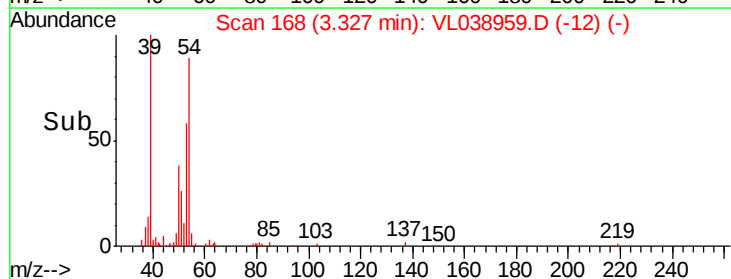
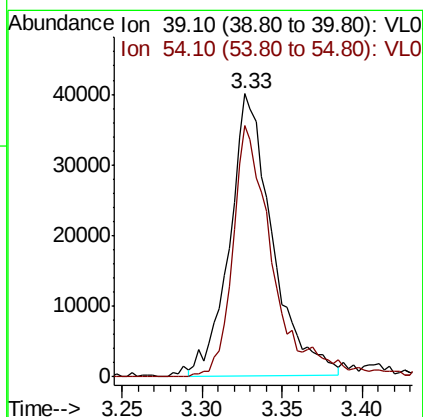
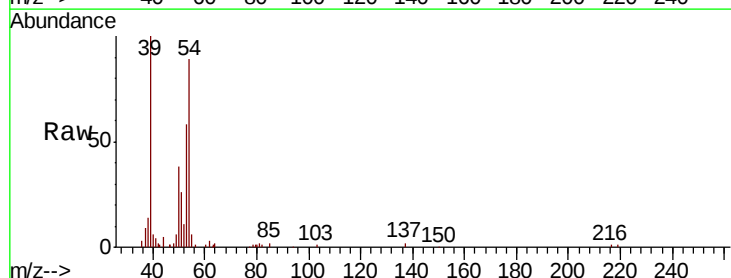
Acq: 5 May 2022 4:01

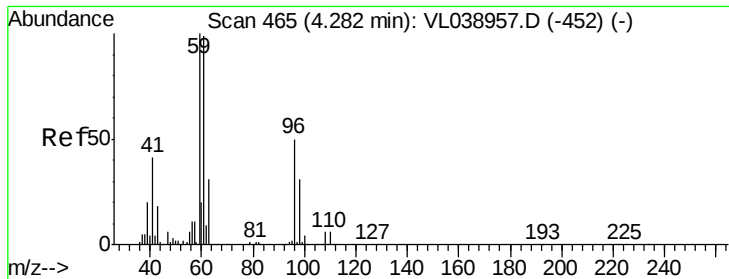
Tgt Ion: 39 Resp: 72623

Ion Ratio Lower Upper

39 100

54 83.6 65.2 97.8





#17

tert-Butyl alcohol

Concen: 0.604 ppbv

RT: 4.29 Instrument: MSVOA_1

Delta R.T. 0.00

Lab File: ClientSampleId: VSTDIC001

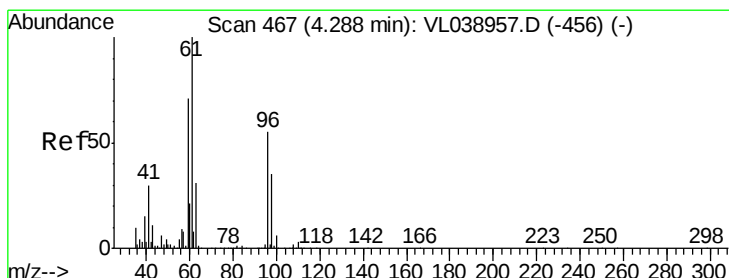
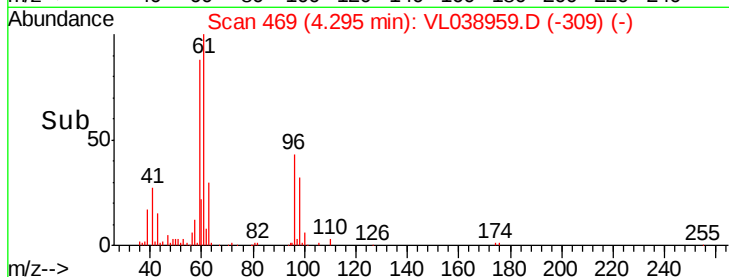
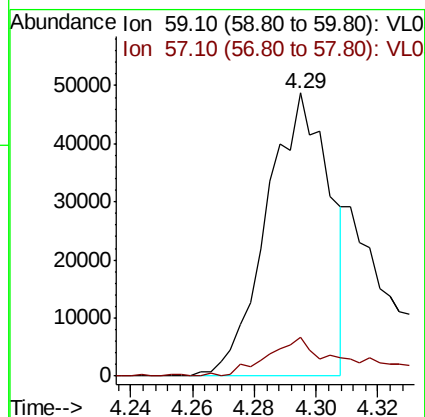
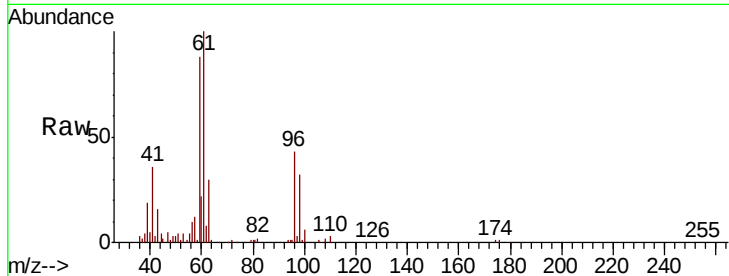
Acq: 5 May 2022 4:01

Tot Ion: 59 Resp: 68812

Ion Ratio Lower Upper

59 100

57 19.8 9.2 13.8#



#18

1,1-Dichloroethene

Concen: 0.566 ppbv

RT: 4.29 min Scan# 468

Delta R.T. 0.00 min

Lab File: VL038959.D

Acq: 5 May 2022 4:01

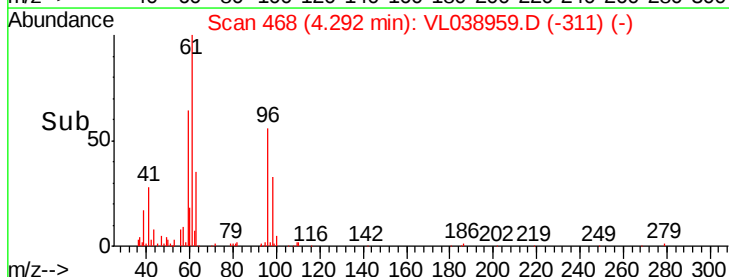
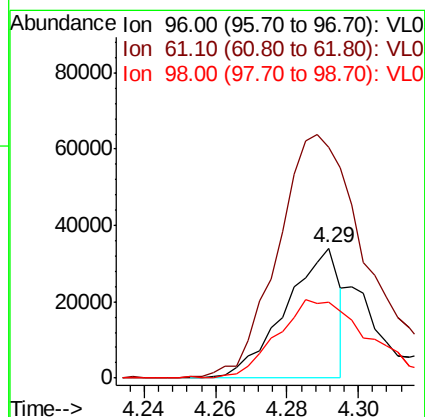
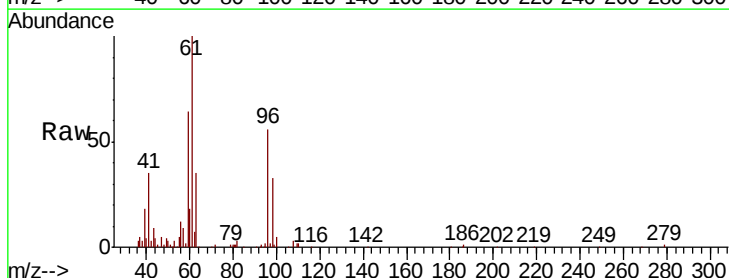
Tgt Ion: 96 Resp: 35667

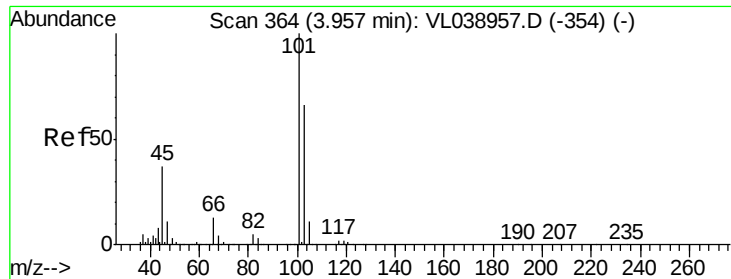
Ion Ratio Lower Upper

96 100

61 176.6 146.3 219.5

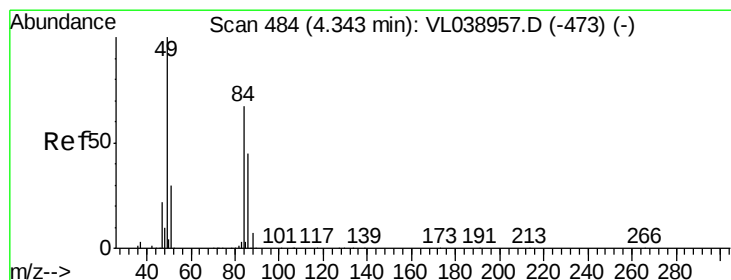
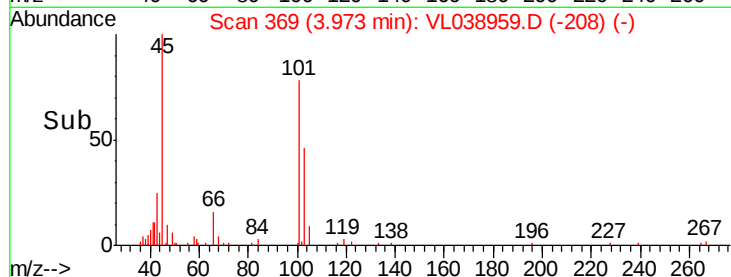
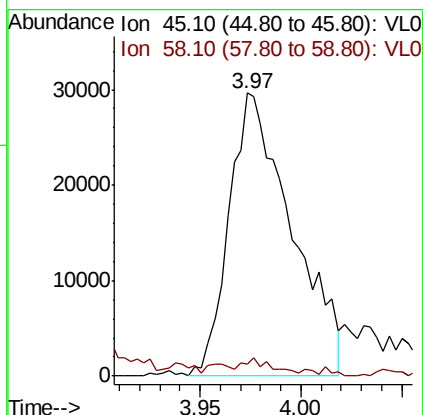
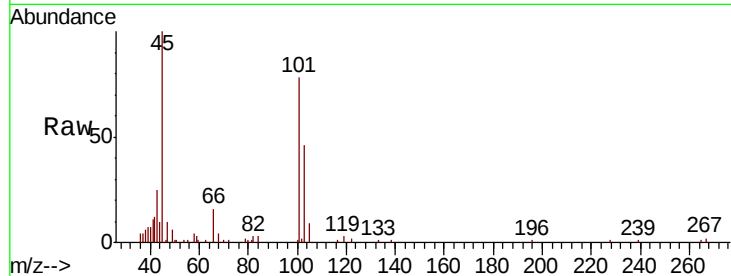
98 57.2 50.6 75.8





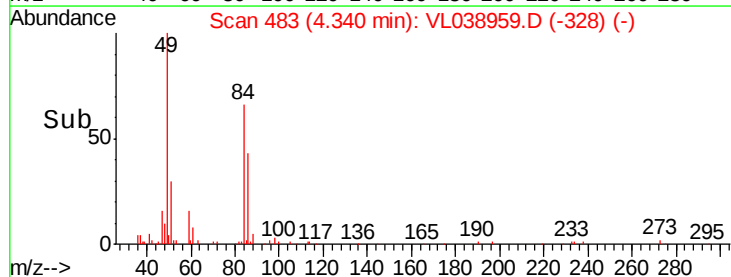
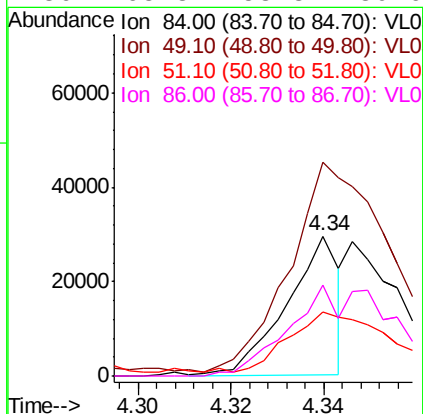
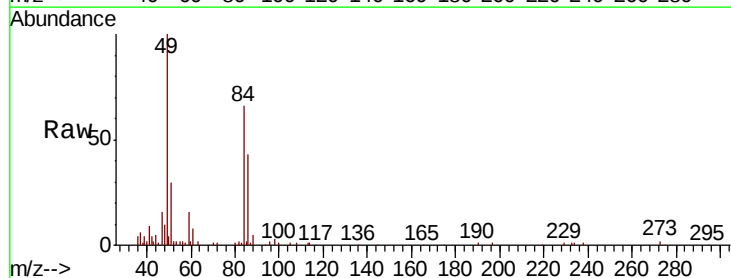
#19
Isopropyl Alcohol
Concen: 0.892 ppbv
RT: 3.97
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 5 May 2022 4:01

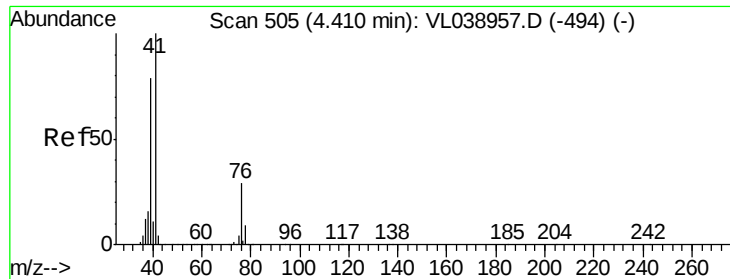
Tot Ion: 45 Resp: 64438
Ion Ratio Lower Upper
45 100
58 4.0 1.4 2.2#



#20
Methylene Chloride
Concen: 0.378 ppbv
RT: 4.34 min Scan# 483
Delta R.T. -0.00 min
Lab File: VL038959.D
Acq: 5 May 2022 4:01

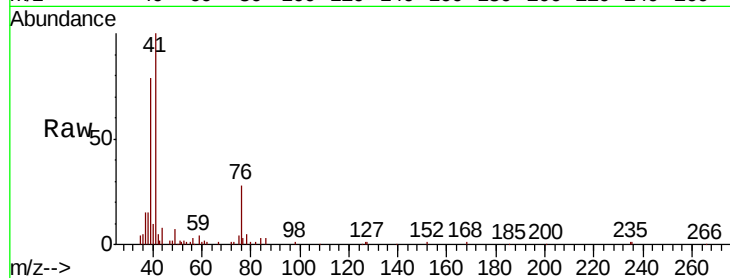
Tgt Ion: 84 Resp: 23041
Ion Ratio Lower Upper
84 100
49 149.9 119.9 179.9
51 42.6 35.7 53.5
86 65.8 53.8 80.6





#21
 Allv1 Chloride
 Concen: 0.762 ppbv
 RT: 4.41
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDIC001
 Acq: 5 May 2022 4:01

Tot Ion	Ratio	Lower	Upper
41	100		
76	30.0	24.2	36.4
39	95.2	63.8	95.8

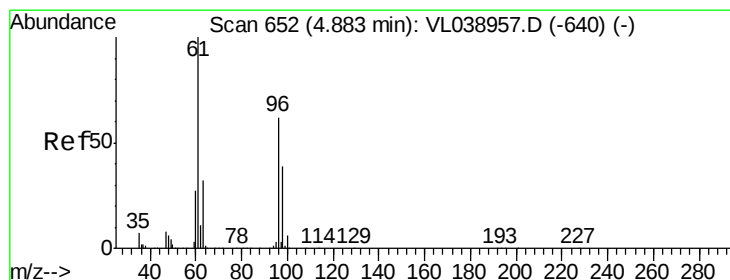
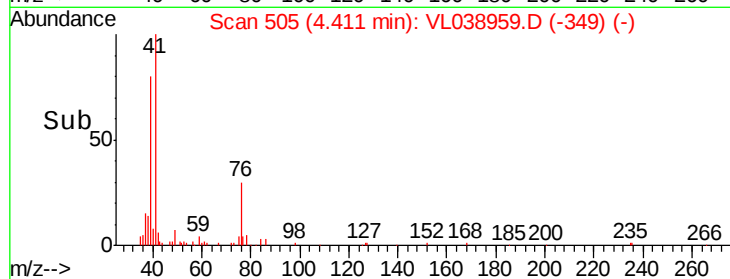
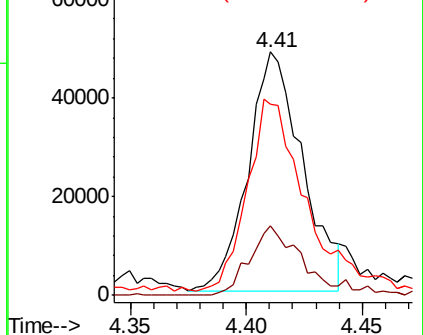


Abundance

Ion 41.10 (40.80 to 41.80): VL0

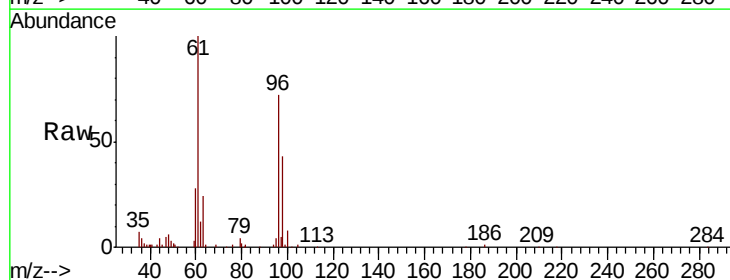
Ion 76.10 (75.80 to 76.80): VL0

Ion 39.10 (38.80 to 39.80): VL0



#22
 trans-1,2-Dichloroethene
 Concen: 1.003 ppbv
 RT: 4.88 min Scan# 651
 Delta R.T. -0.00 min
 Lab File: VL038959.D
 Acq: 5 May 2022 4:01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	137.2	128.2	192.2
98	59.0	50.1	75.1

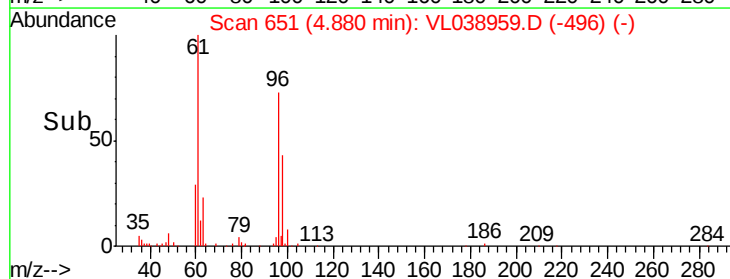
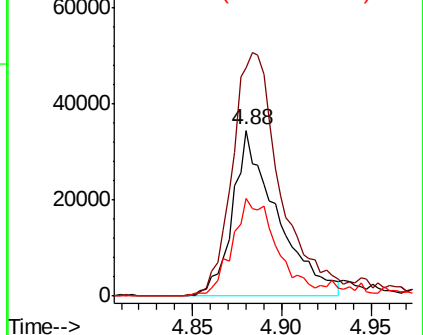


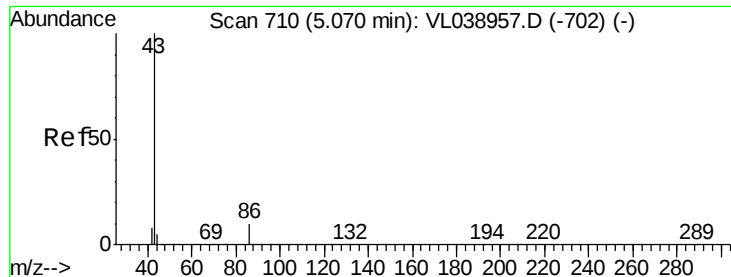
Abundance

Ion 96.00 (95.70 to 96.70): VL0

Ion 61.10 (60.80 to 61.80): VL0

Ion 98.00 (97.70 to 98.70): VL0





#23

Vinyl Acetate

Concen: 0.451 ppbv

RT: 5.07 Instrument:

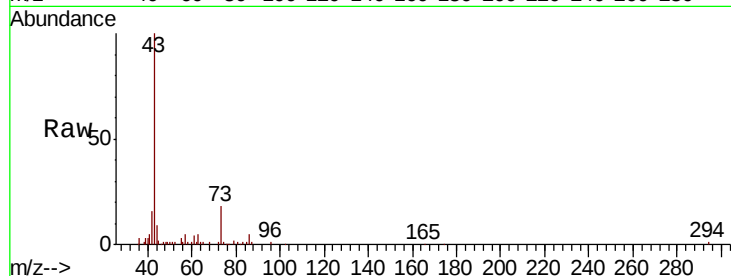
Delta R.T. MSVOA_1

Lab File: ClientSampleId:

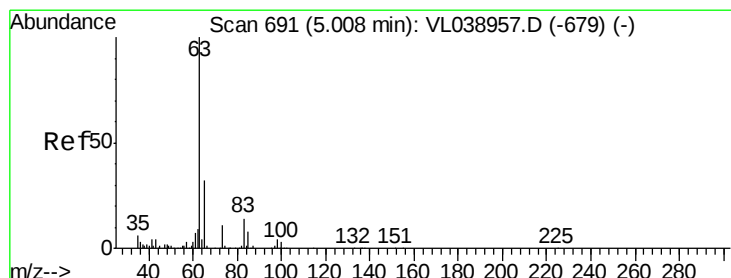
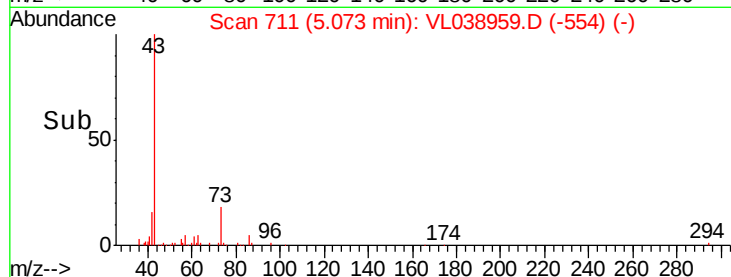
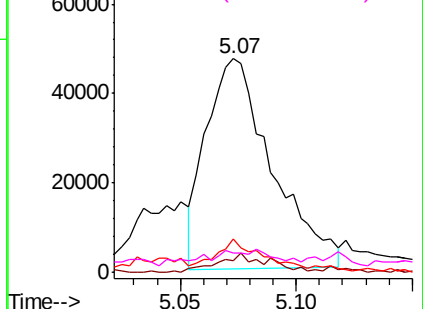
Acq: 5 May 2022 4:01 VSTDIC001

Tot Ion: 43 Resp: 92827

Ion	Ratio	Lower	Upper
43	100		
86	5.0	6.6	9.8#
42	15.5	8.1	12.1#
44	4.5	3.5	5.3



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: 0.764 ppbv

RT: 5.01 min Scan# 691

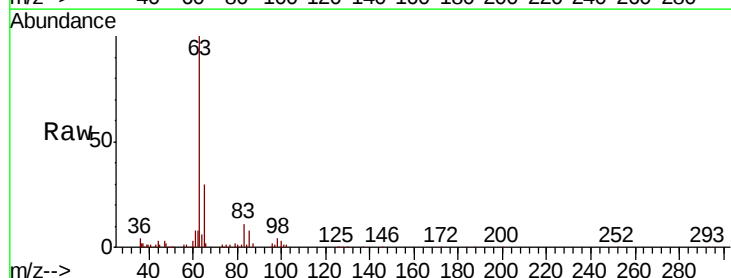
Delta R.T. 0.00 min

Lab File: VL038959.D

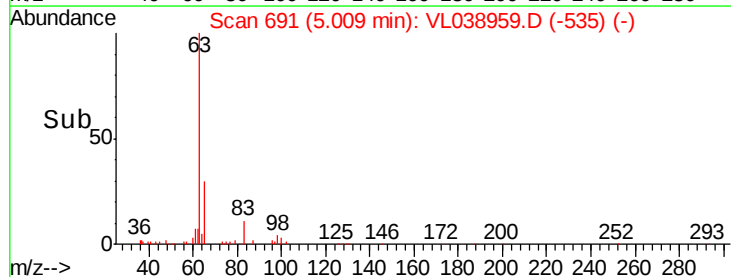
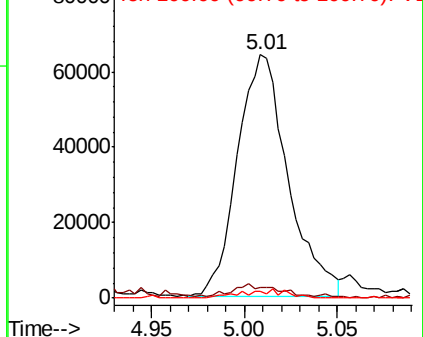
Acq: 5 May 2022 4:01

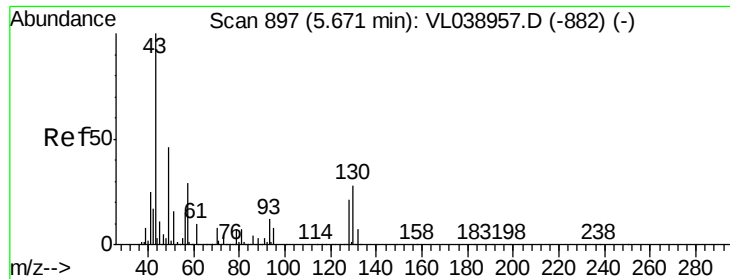
Tgt Ion: 63 Resp: 120992

Ion	Ratio	Lower	Upper
63	100		
98	3.6	2.1	6.2
100	2.6	1.4	4.2



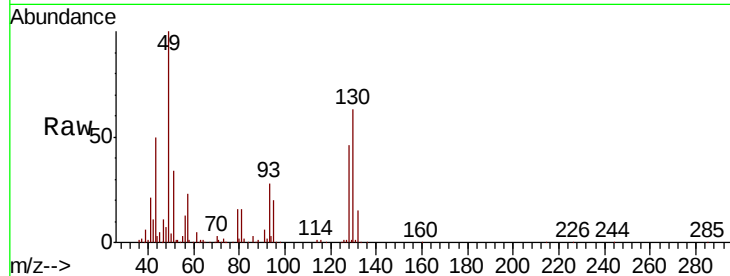
Abundance Ion 63.10 (62.80 to 63.80): VL0
Ion 98.00 (97.70 to 98.70): VL0
Ion 100.00 (99.70 to 100.70): VL0



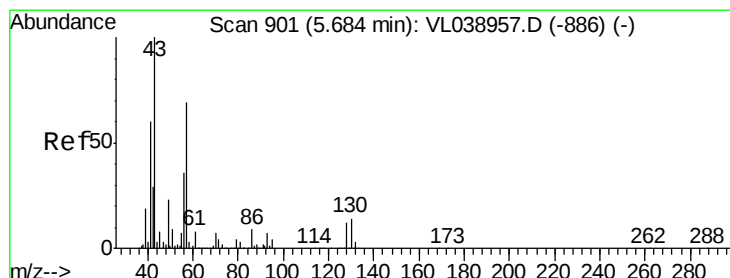
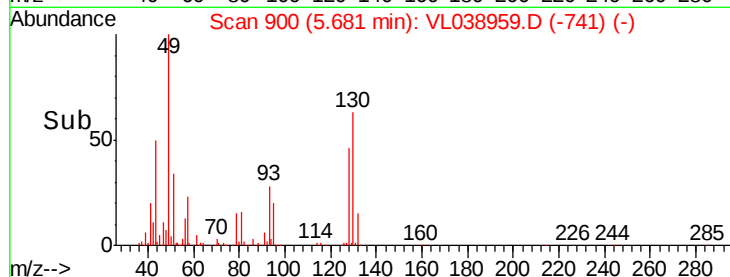
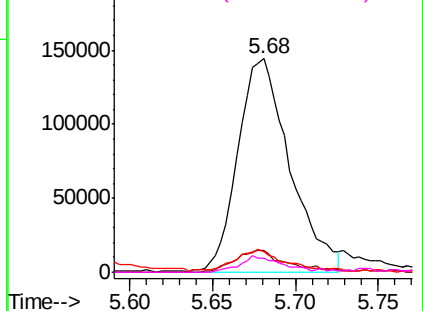


#25
Ethyl Acetate
Concen: 0.976 ppbv
RT: 5.68
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VSTDIC001
Acq: 5 May 2022 4:01

Tot Ion:	43	Resp:	312923
Ion	Ratio	Lower	Upper
43	100		
45	11.0	8.1	12.1
61	9.2	7.8	11.6
70	6.5	5.6	8.4

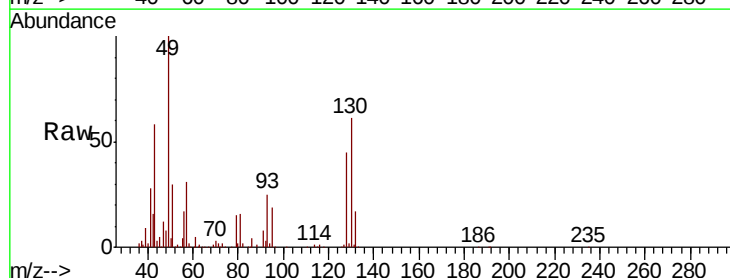


Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 45.10 (44.80 to 45.80): VL0
Ion 61.10 (60.80 to 61.80): VL0
Ion 70.10 (69.80 to 70.80): VL0

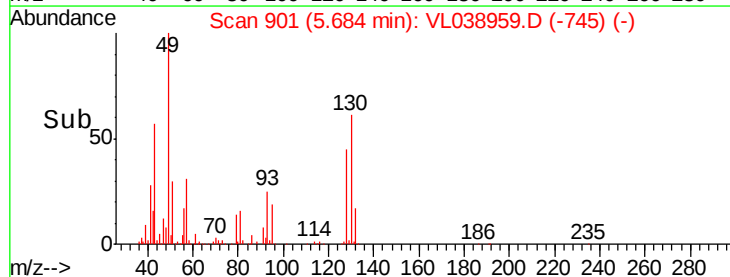
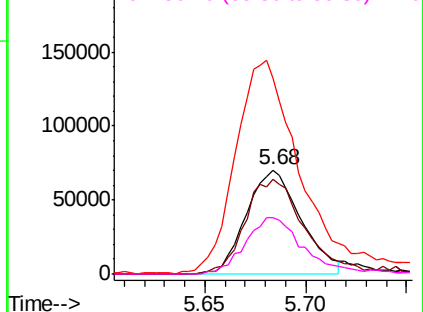


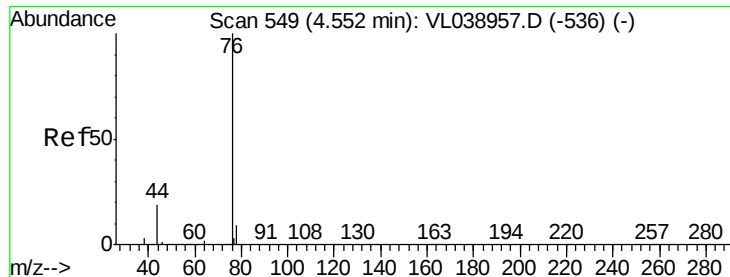
#26
Hexane
Concen: 0.907 ppbv
RT: 5.68 min Scan# 901
Delta R.T. 0.00 min
Lab File: VL038959.D
Acq: 5 May 2022 4:01

Tgt Ion:	57	Resp:	132492
Ion	Ratio	Lower	Upper
57	100		
41	104.5	75.2	112.8
43	254.4	190.8	286.2
56	59.8	43.0	64.6



Abundance Ion 57.10 (56.80 to 57.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 43.10 (42.80 to 43.80): VL0
Ion 56.10 (55.80 to 56.80): VL0





#27

Carbon Disulfide

Concen: 0.864 ppbv

RT: 4.55 Instrument: MSVOA_1

Delta R.T. 0.01

Lab File: ClientSampleId: VSTDIC001

Acq: 5 May 2022 4:01

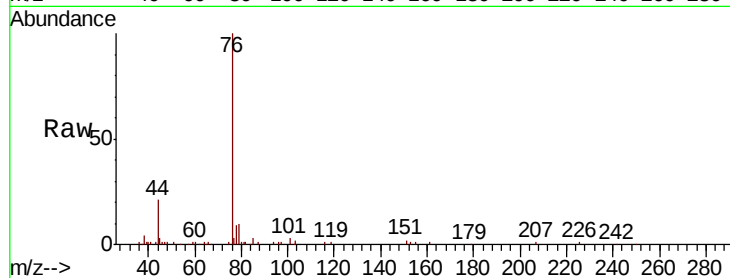
Tot Ion: 76 Resp: 124464

Ion Ratio Lower Upper

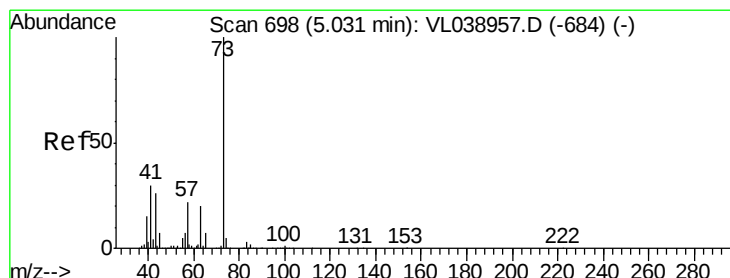
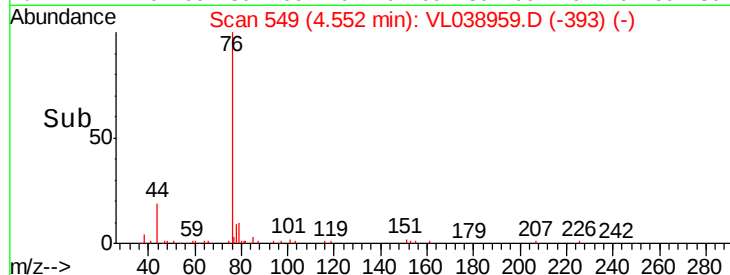
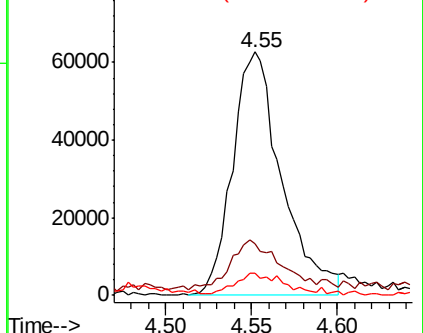
76 100

44 22.8 15.3 22.9

78 10.2 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: 0.616 ppbv

RT: 5.04 min Scan# 702

Delta R.T. 0.01 min

Lab File: VL038959.D

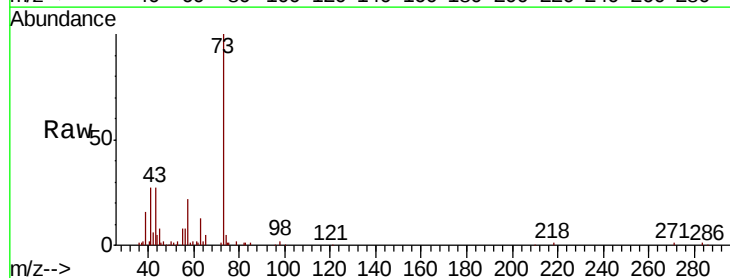
Acq: 5 May 2022 4:01

Tgt Ion: 73 Resp: 99347

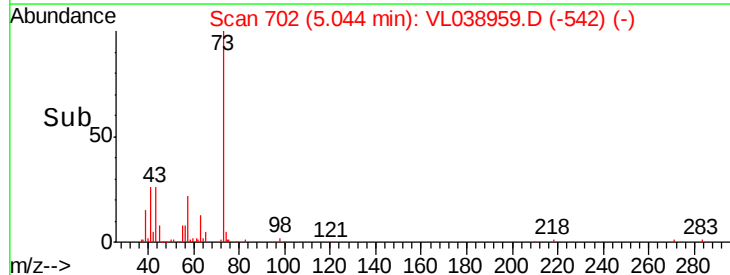
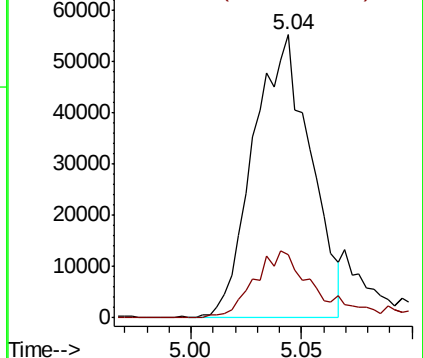
Ion Ratio Lower Upper

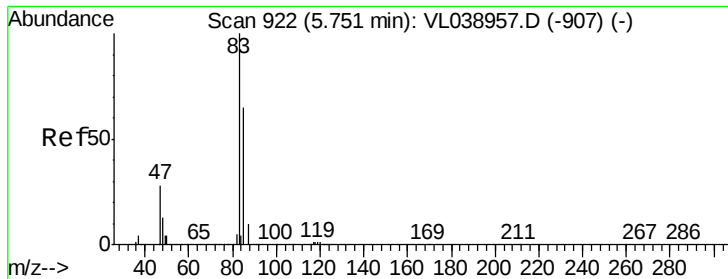
73 100

57 27.1 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: 0.959 ppbv

RT: 5.74 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

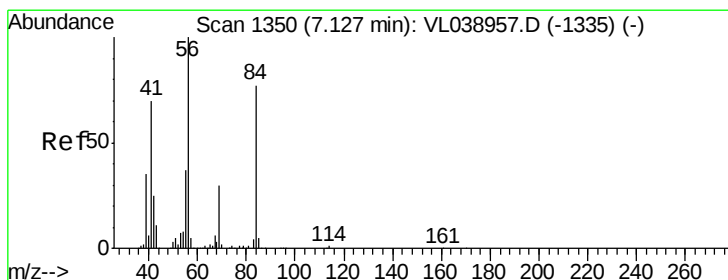
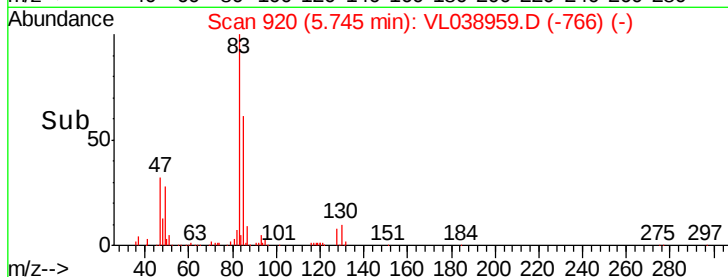
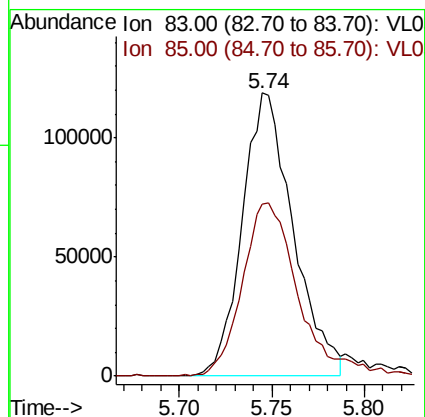
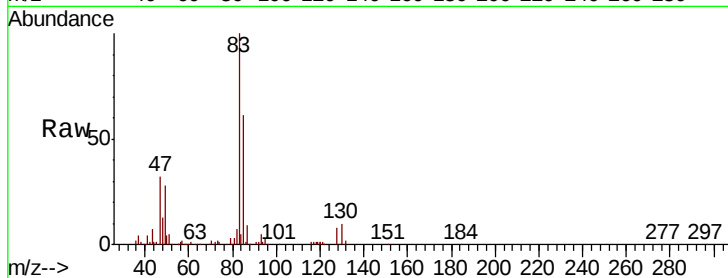
Acq: 5 May 2022 4:01 VSTDIC001

Tot Ion: 83 Resp: 227670

Ion Ratio Lower Upper

83 100

85 60.5 51.8 77.6



#30

Cyclohexane

Concen: 0.994 ppbv

RT: 7.13 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VL038959.D

Acq: 5 May 2022 4:01

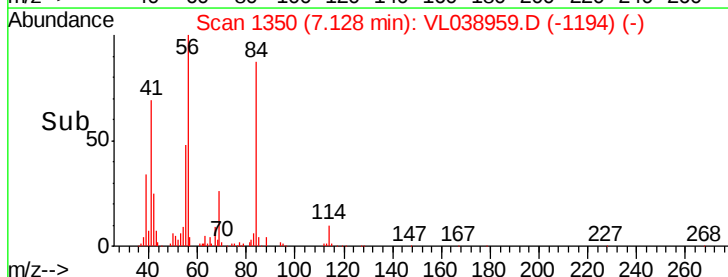
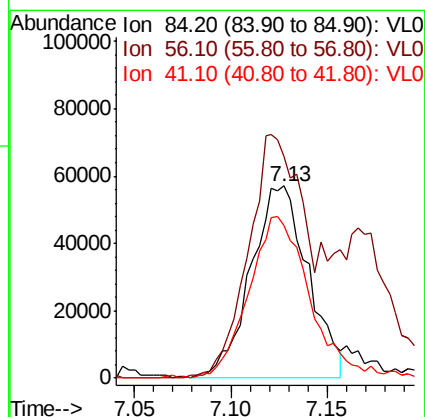
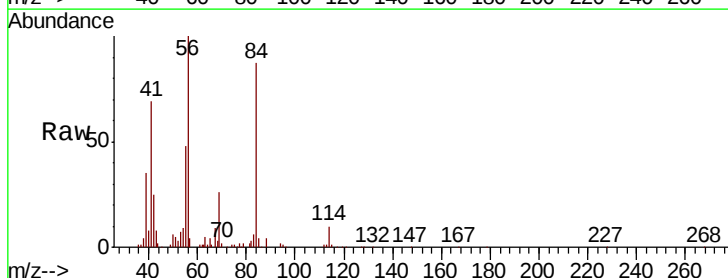
Tgt Ion: 84 Resp: 117640

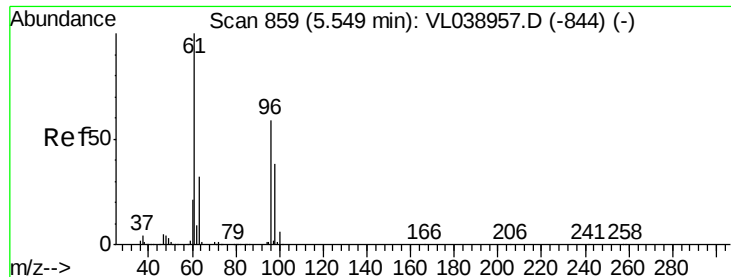
Ion Ratio Lower Upper

84 100

56 210.3 115.3 172.9#

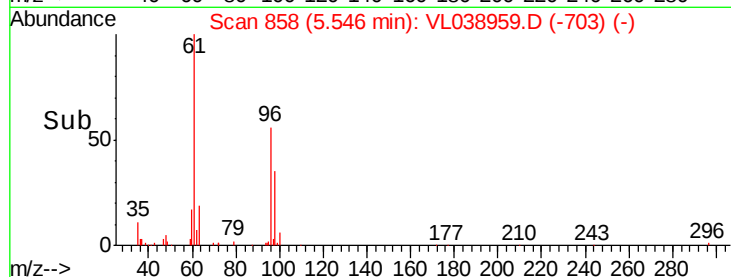
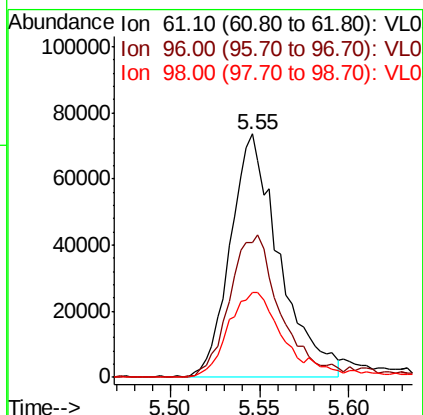
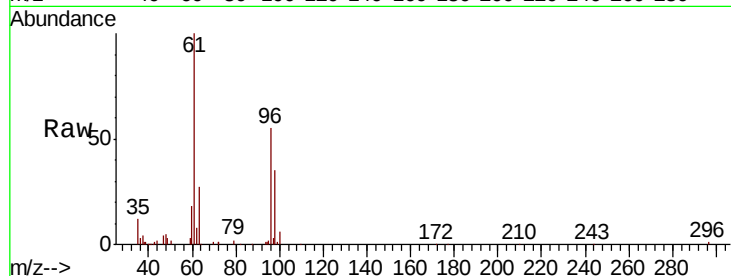
41 91.1 72.0 108.0





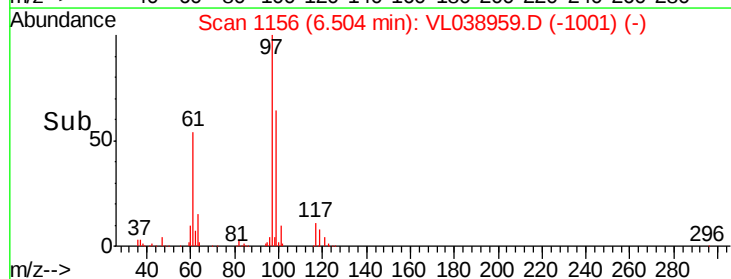
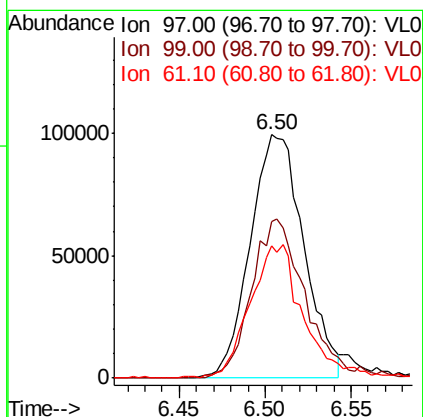
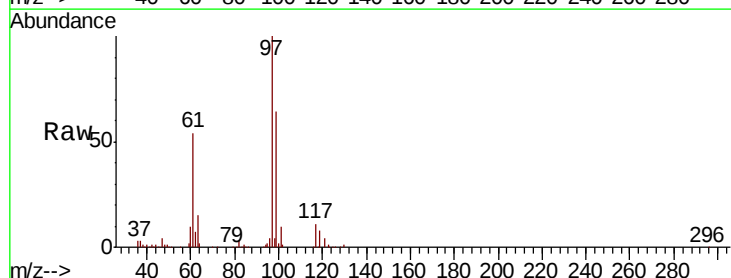
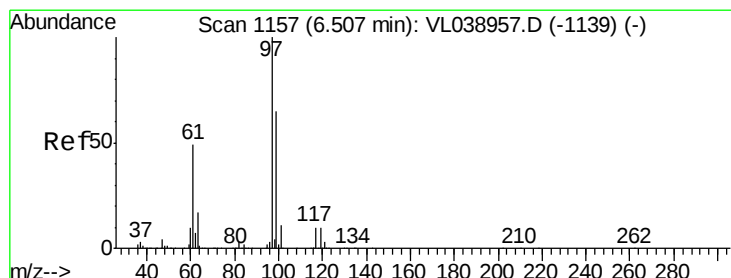
#31
 cis-1,2-Dichloroethene
 Concen: 0.994 ppbv
 RT: 5.55
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDIC001
 Acq: 5 May 2022 4:01

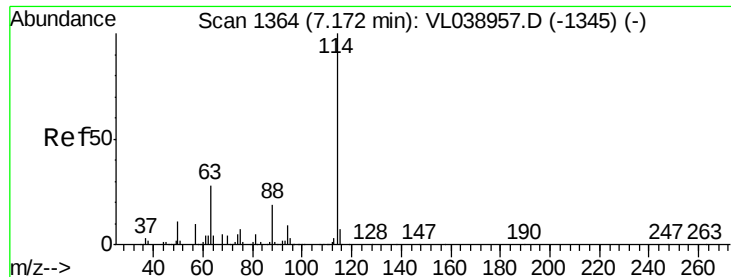
Tot Ion: 61 Resp: 141847
 Ion Ratio Lower Upper
 61 100
 96 54.9 47.4 71.0
 98 34.2 30.6 45.8



#32
 1,1,1-Trichloroethane
 Concen: 0.898 ppbv
 RT: 6.50 min Scan# 1156
 Delta R.T. -0.00 min
 Lab File: VL038959.D
 Acq: 5 May 2022 4:01

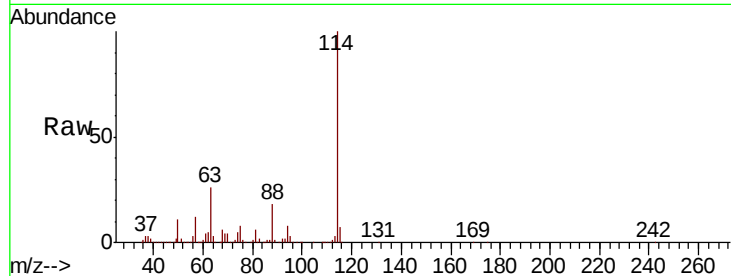
Tgt Ion: 97 Resp: 214670
 Ion Ratio Lower Upper
 97 100
 99 66.9 51.9 77.9
 61 55.3 40.9 61.3



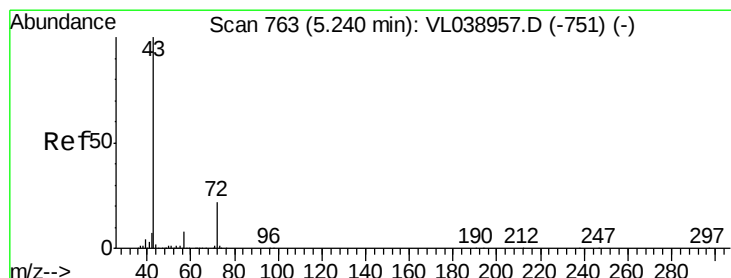
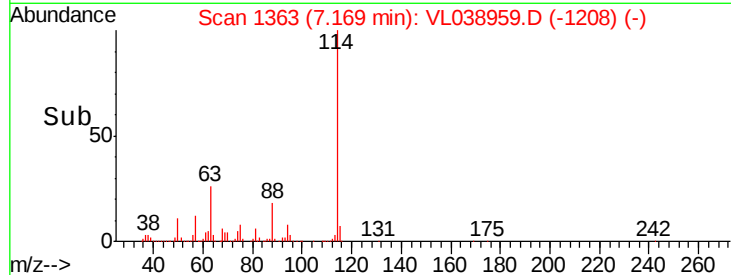
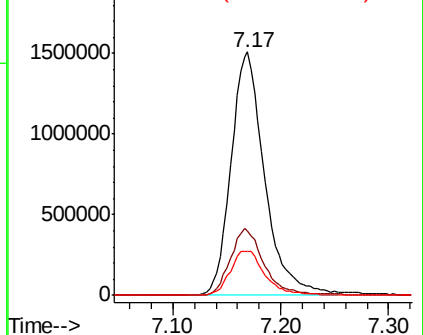


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDIC001
 Acq: 5 May 2022 4:01

Tot Ion:114 Resp: 3277609
 Ion Ratio Lower Upper
 114 100
 63 28.0 22.6 33.8
 88 19.2 15.4 23.0

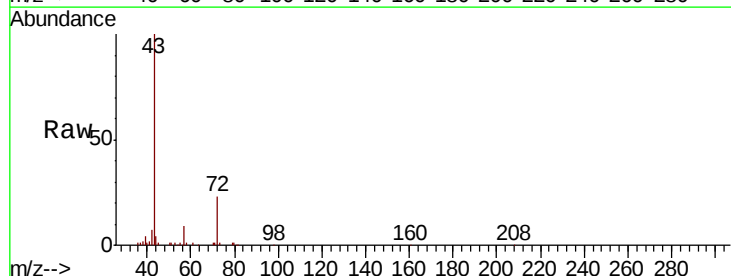


Abundance Ion 114.10 (113.80 to 114.80): V
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

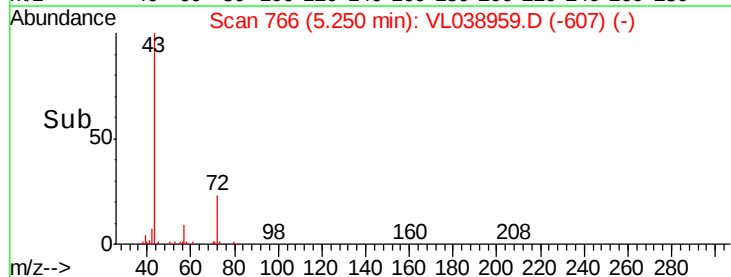
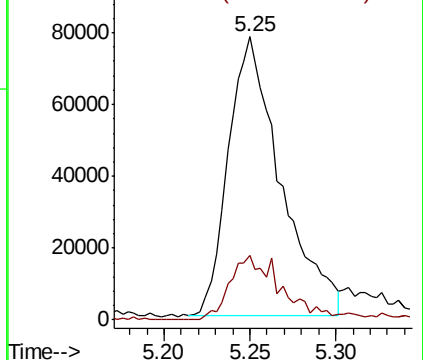


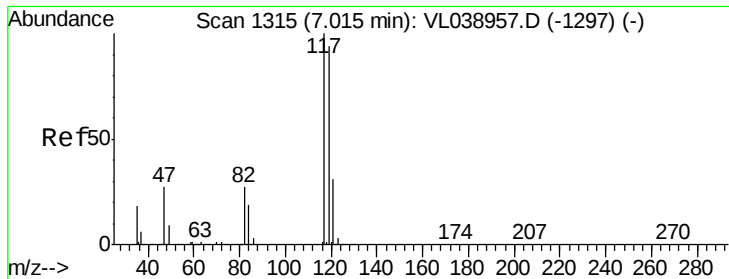
#34
 2-Butanone
 Concen: 1.010 ppbv
 RT: 5.25 min Scan# 766
 Delta R.T. 0.01 min
 Lab File: VL038959.D
 Acq: 5 May 2022 4:01

Tgt Ion: 43 Resp: 164387
 Ion Ratio Lower Upper
 43 100
 72 24.9 17.8 26.6



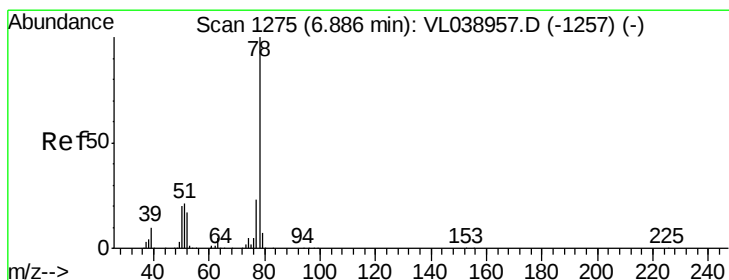
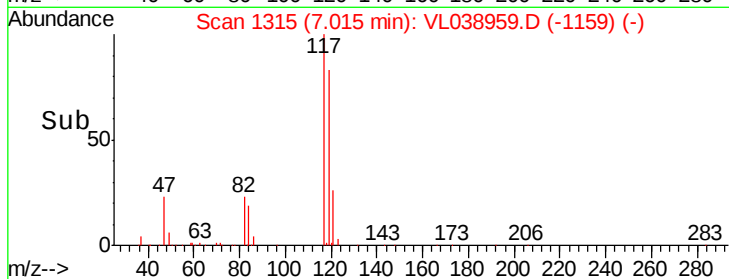
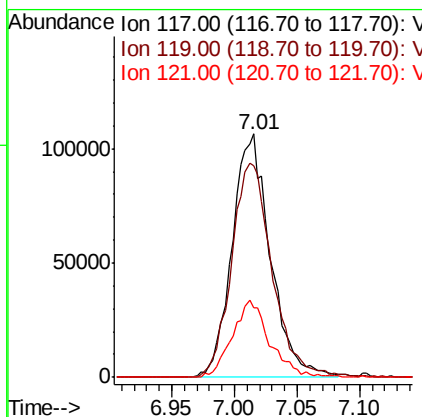
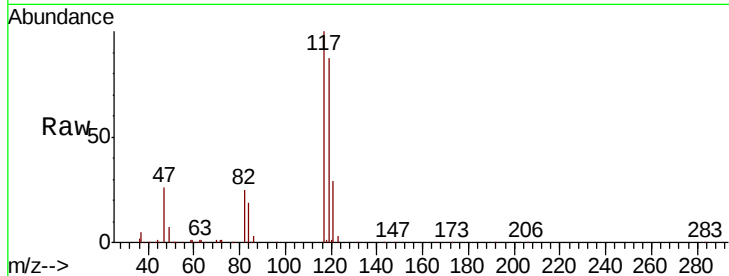
Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 72.10 (71.80 to 72.80): VL0





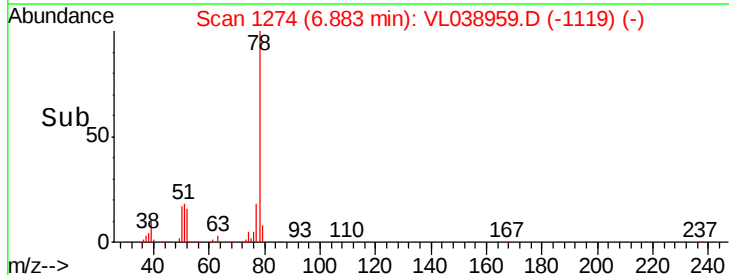
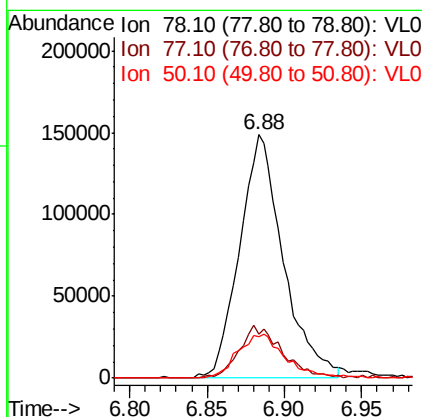
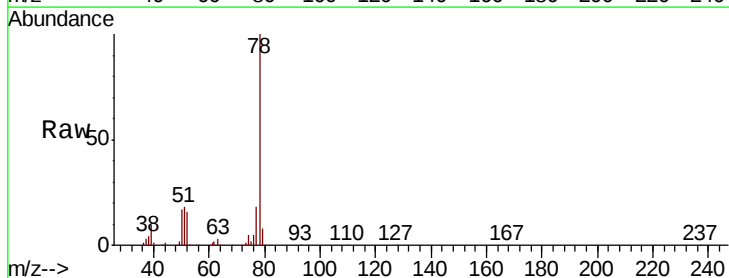
#35
 Carbon Tetrachloride
 Concen: 0.898 ppbv
 RT: 7.01
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDIC001
 Acq: 5 May 2022 4:01

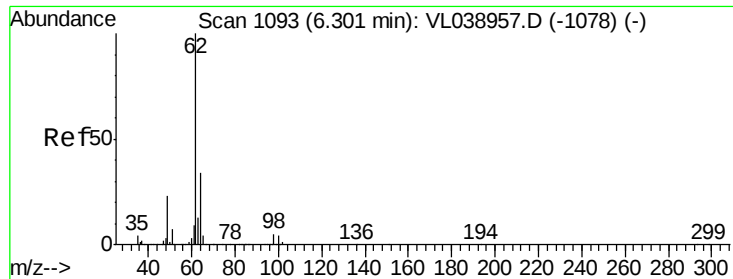
Tot Ion	117	Resp	225792
Ion	Ratio	Lower	Upper
117	100		
119	86.9	75.2	112.8
121	28.4	24.6	37.0



#36
 Benzene
 Concen: 0.976 ppbv
 RT: 6.88 min Scan# 1274
 Delta R.T. -0.00 min
 Lab File: VL038959.D
 Acq: 5 May 2022 4:01

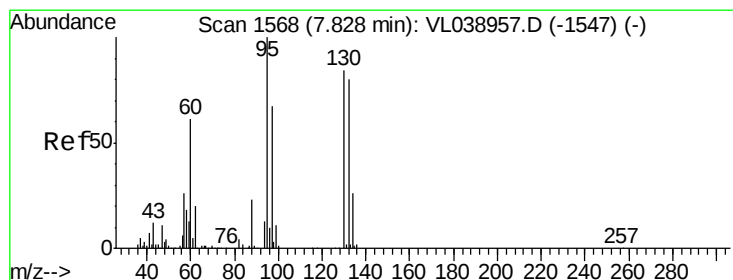
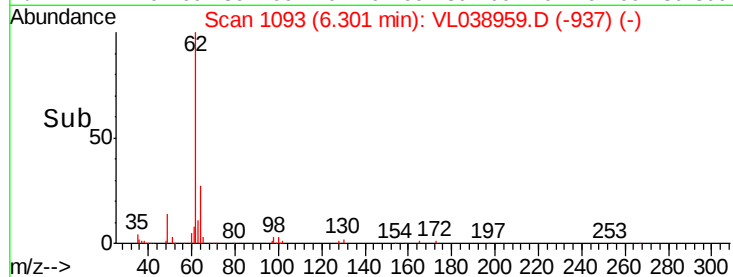
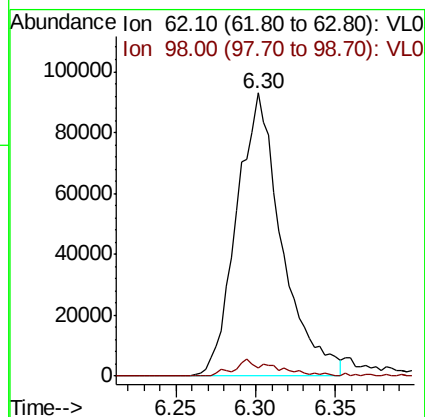
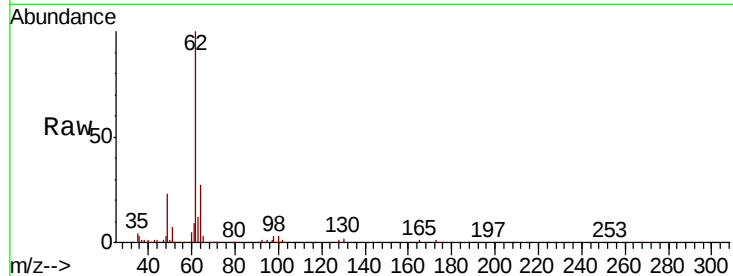
Tgt Ion	78	Resp	291986
Ion	Ratio	Lower	Upper
78	100		
77	18.0	18.6	28.0#
50	17.2	15.6	23.4





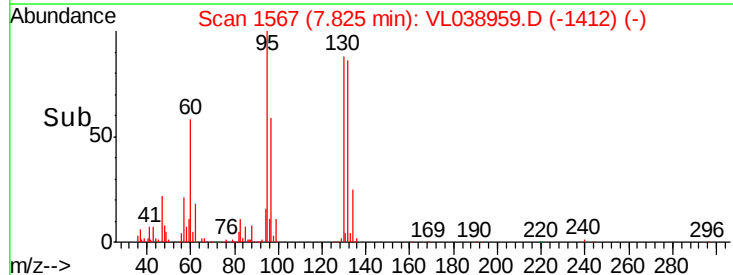
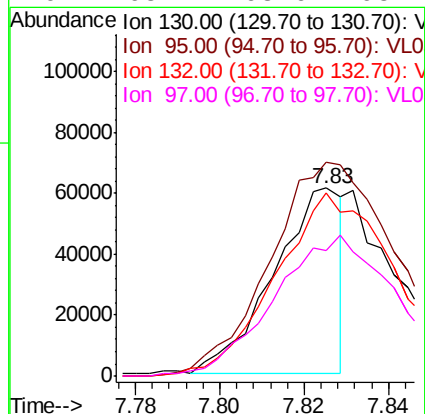
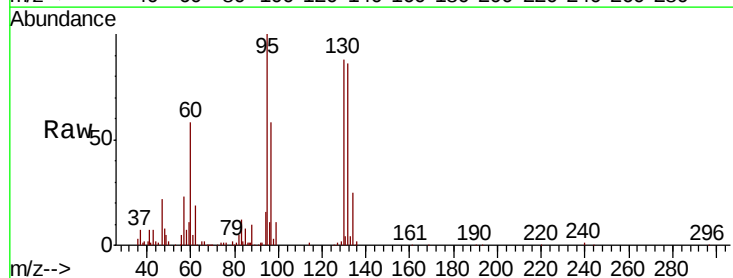
#37
 1,2-Dichloroethane
 Concen: 1.003 ppbv
 RT: 6.30
 Delta R.T.: MSVOA_1
 Lab File: ClientSampleId :
 VSTDIC001
 Acq: 5 May 2022 4:01

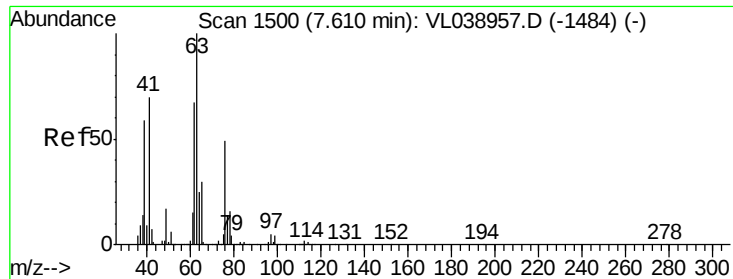
Tot Ion: 62 Resp: 179489
 Ion Ratio Lower Upper
 62 100
 98 5.5 4.5 6.7



#38
 Trichloroethene
 Concen: 0.572 ppbv
 RT: 7.83 min Scan# 1567
 Delta R.T.: -0.00 min
 Lab File: VL038959.D
 Acq: 5 May 2022 4:01

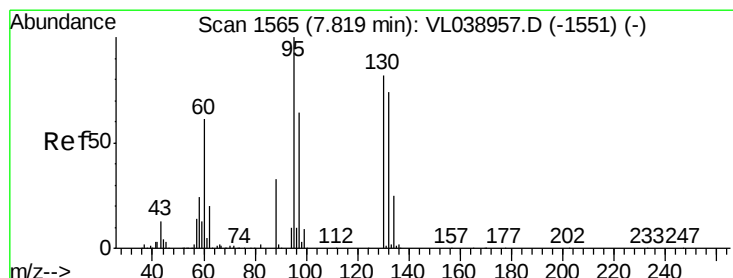
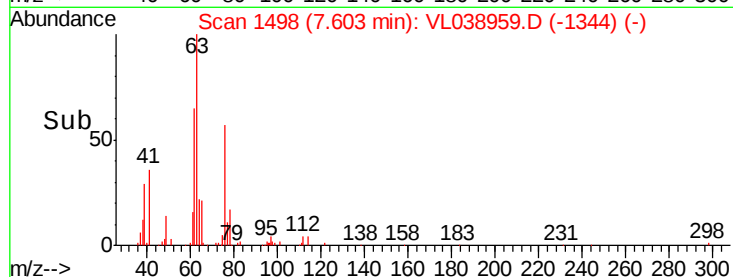
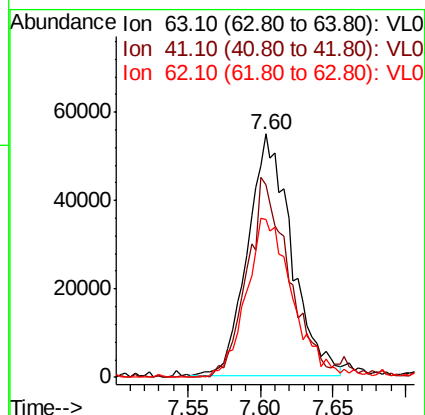
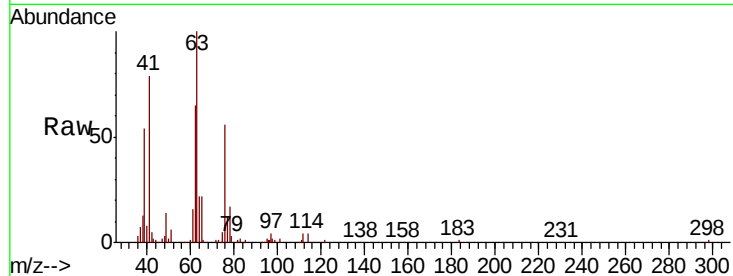
Tgt Ion: 130 Resp: 68468
 Ion Ratio Lower Upper
 130 100
 95 111.0 94.8 142.2
 132 95.3 75.8 113.8
 97 65.1 63.6 95.4





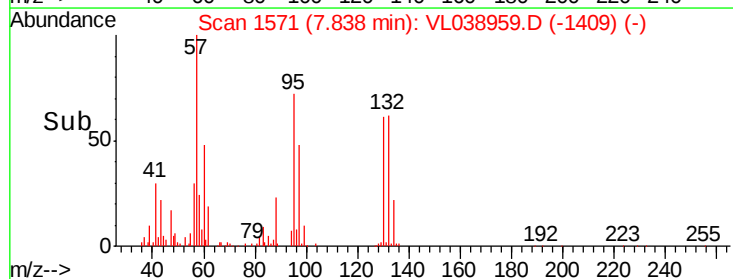
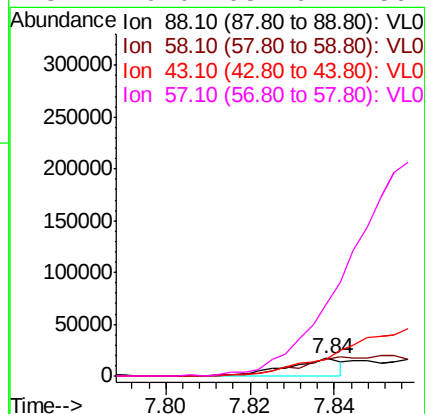
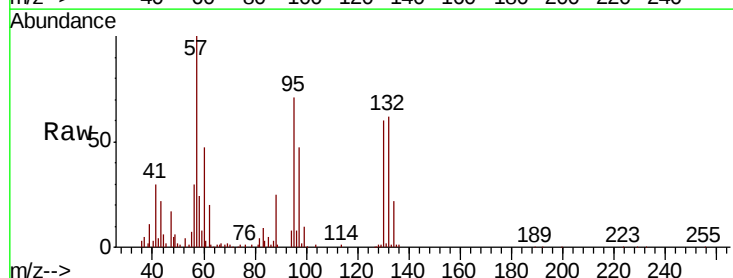
#39
 1,2-Dichloropropane
 Concen: 0.949 ppbv
 RT: 7.60
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDIC001
 Acq: 5 May 2022 4:01

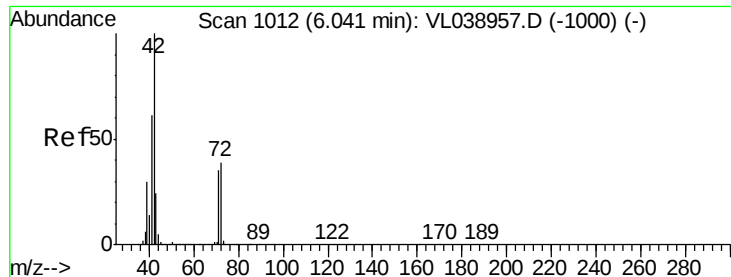
Tot Ion:	63	Resp:	114931
Ion	Ratio	Lower	Upper
63	100		
41	79.3	55.9	83.9
62	64.8	53.8	80.6



#40
 1,4-Dioxane
 Concen: 0.482 ppbv
 RT: 7.84 min Scan# 1571
 Delta R.T. 0.02 min
 Lab File: VL038959.D
 Acq: 5 May 2022 4:01

Tgt Ion:	88	Resp:	15002
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: 1.389 ppbv

RT: 6.06 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDIC001

Acq: 5 May 2022 4:01

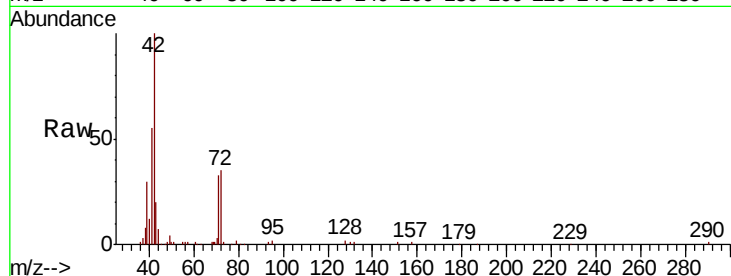
Tot Ion: 42 Resp: 112255

Ion Ratio Lower Upper

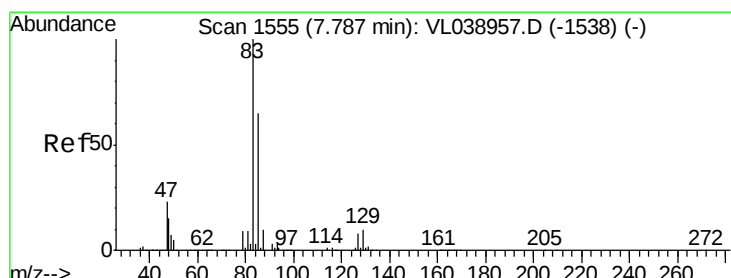
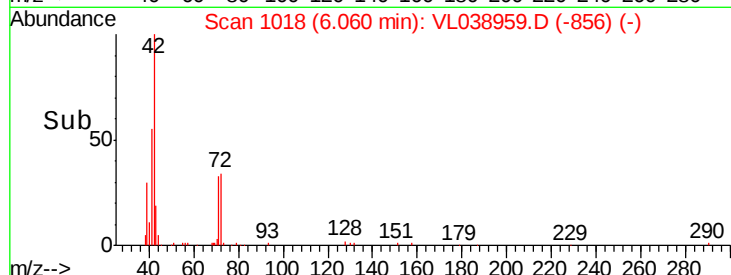
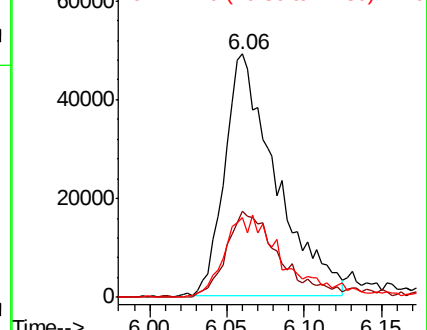
42 100

72 39.3 31.8 47.6

71 41.3 30.6 45.8



Abundance Ion 42.10 (41.80 to 42.80): VL0
Ion 72.10 (71.80 to 72.80): VL0
Ion 71.10 (70.80 to 71.80): VL0



#42

Bromodichloromethane

Concen: 0.957 ppbv

RT: 7.78 min Scan# 1554

Delta R.T. -0.00 min

Lab File: VL038959.D

Acq: 5 May 2022 4:01

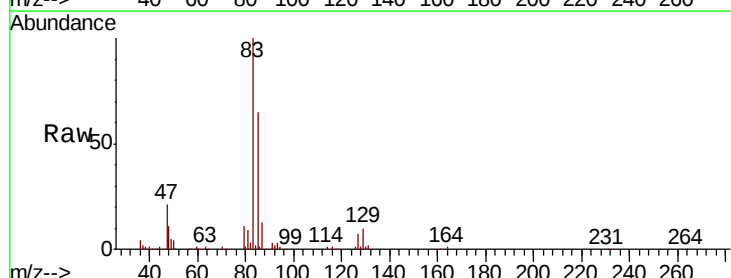
Tgt Ion: 83 Resp: 232810

Ion Ratio Lower Upper

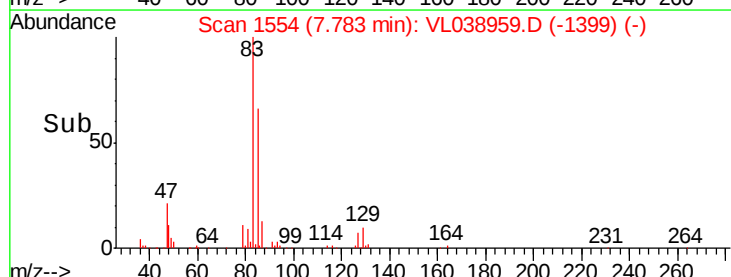
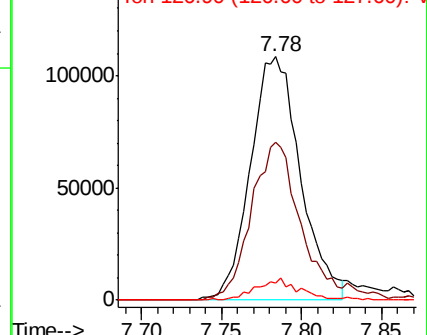
83 100

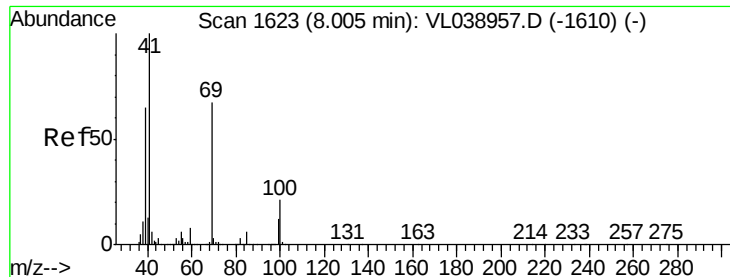
85 65.1 52.0 78.0

127 7.1 6.0 9.0



Abundance Ion 83.00 (82.70 to 83.70): VL0
Ion 85.00 (84.70 to 85.70): VL0
Ion 126.90 (126.60 to 127.60): V





#43

Methyl Methacrylate

Concen: 1.090 ppbv

RT: 8.01 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 5 May 2022 4:01 VSTDIC001

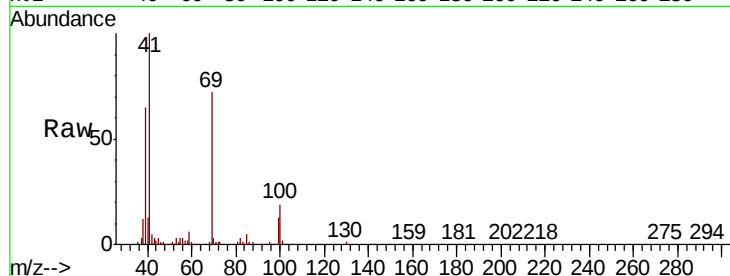
Tot Ion: 69 Resp: 112416

Ion Ratio Lower Upper

69 100

41 153.8 121.9 182.9

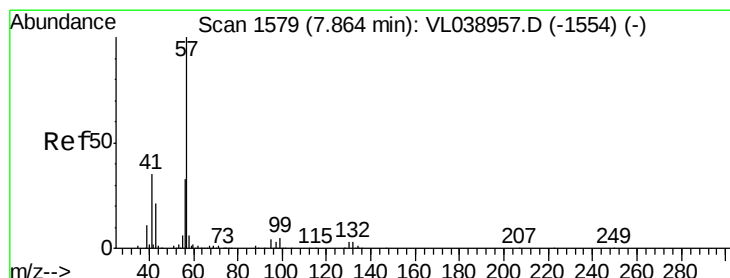
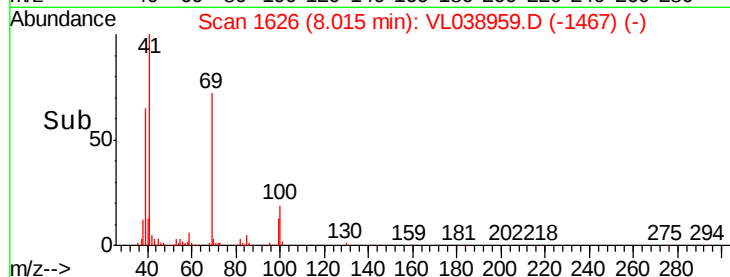
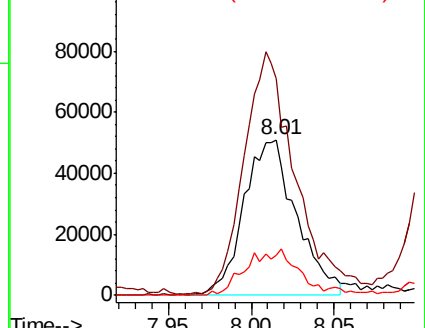
100 31.0 24.6 36.8



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: 0.988 ppbv

RT: 7.86 min Scan# 1578

Delta R.T. -0.00 min

Lab File: VL038959.D

Acq: 5 May 2022 4:01

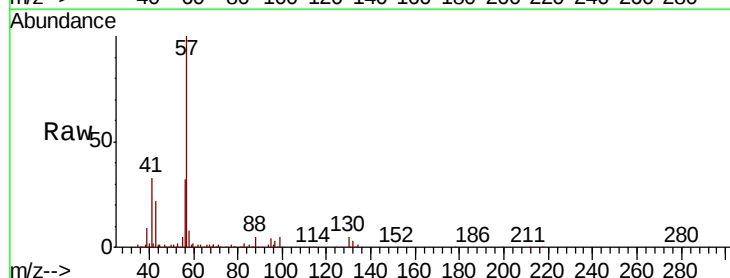
Tgt Ion: 57 Resp: 522813

Ion Ratio Lower Upper

57 100

41 33.6 26.3 39.5

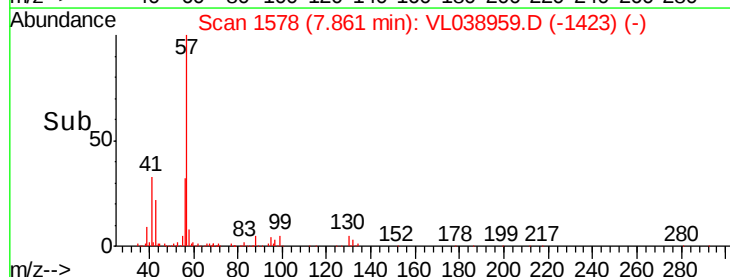
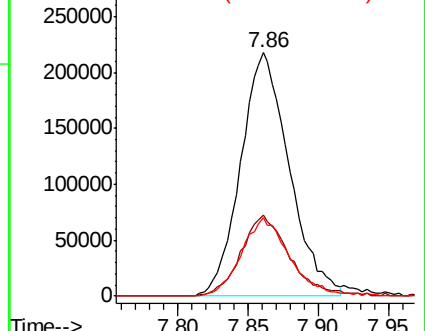
56 32.3 24.6 37.0

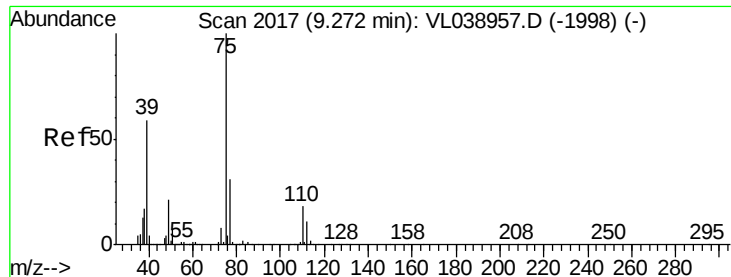


Abundance Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

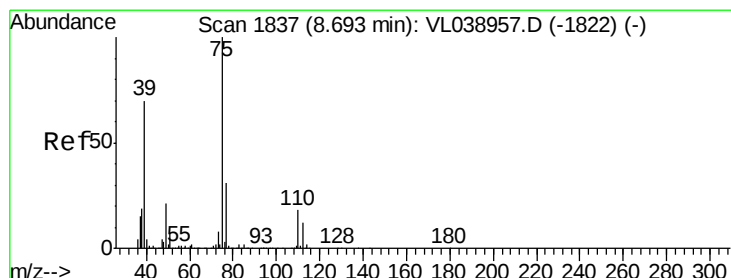
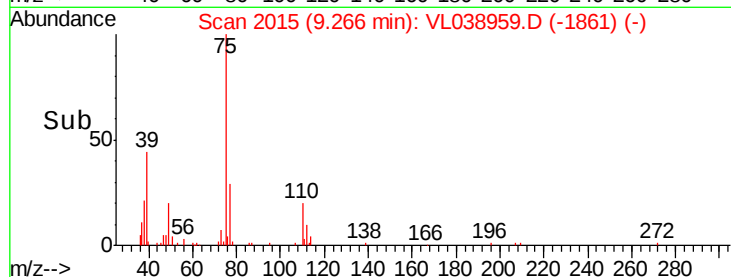
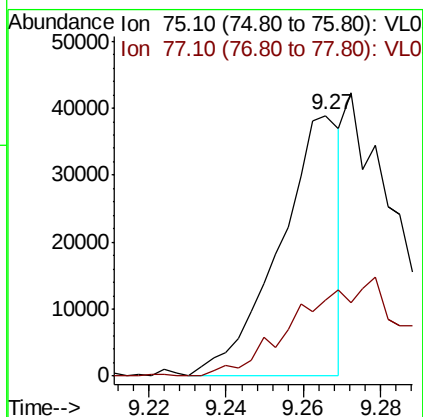
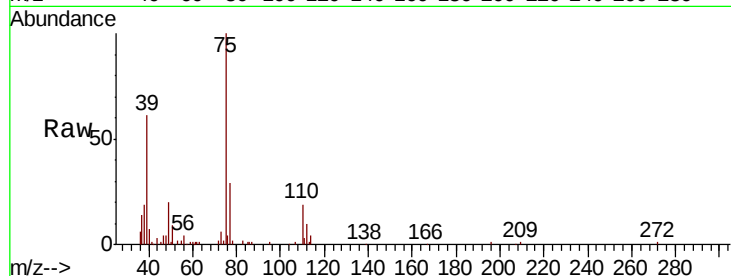
Ion 56.10 (55.80 to 56.80): VL0





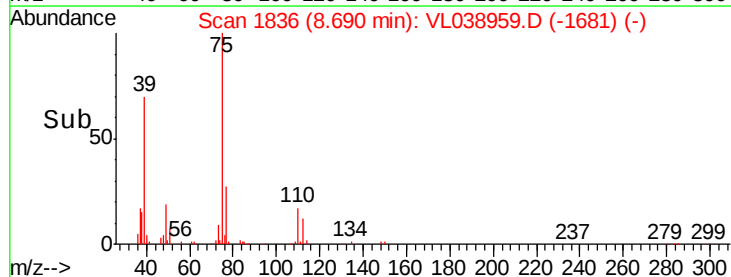
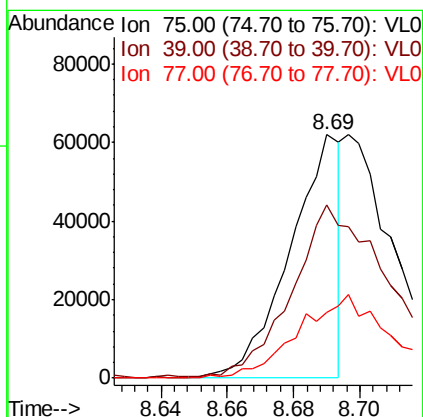
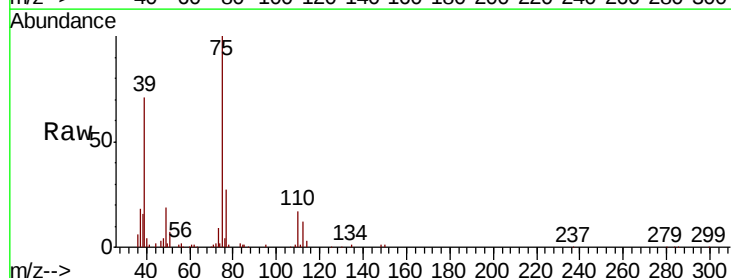
#45
t-1,3-Dichloropropene
Concen: 0.365 ppbv
RT: 9.27 Instrument : MSVOA_1
Delta R.T. :
Lab File: ClientSampleId : VSTDIC001
Acq: 5 May 2022 4:01

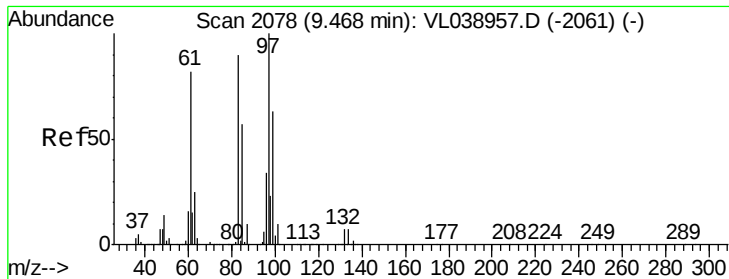
Tot Ion: 75 Resp: 42726
Ion Ratio Lower Upper
75 100
77 29.0 24.6 37.0



#46
cis-1,3-Dichloropropene
Concen: 0.442 ppbv
RT: 8.69 min Scan# 1836
Delta R.T. -0.00 min
Lab File: VL038959.D
Acq: 5 May 2022 4:01

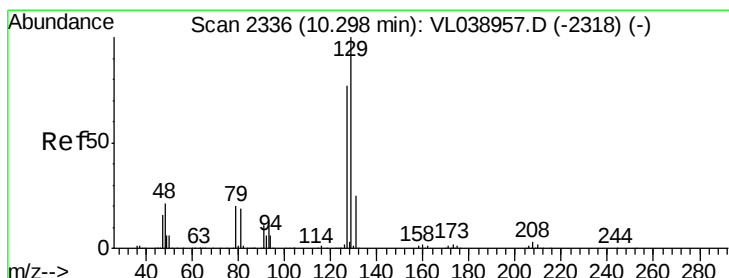
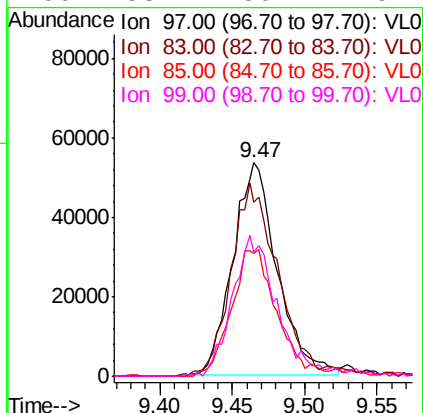
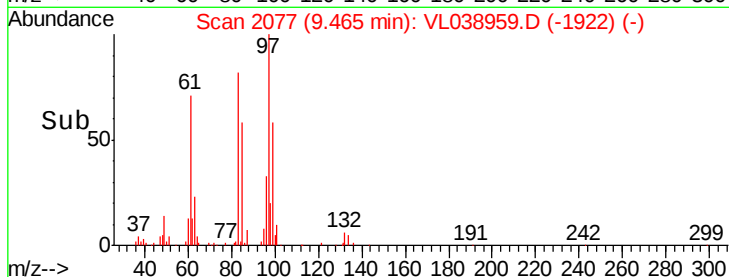
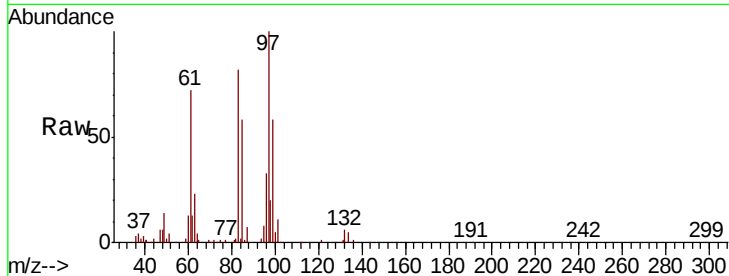
Tgt Ion: 75 Resp: 65702
Ion Ratio Lower Upper
75 100
39 70.6 55.8 83.6
77 27.1 24.8 37.2





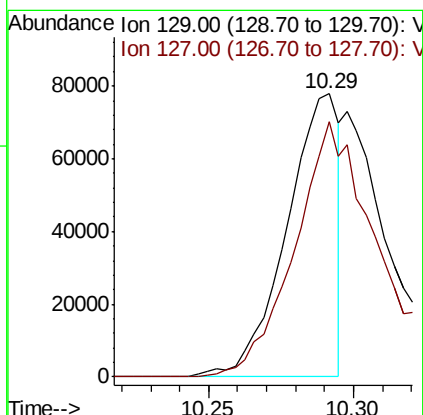
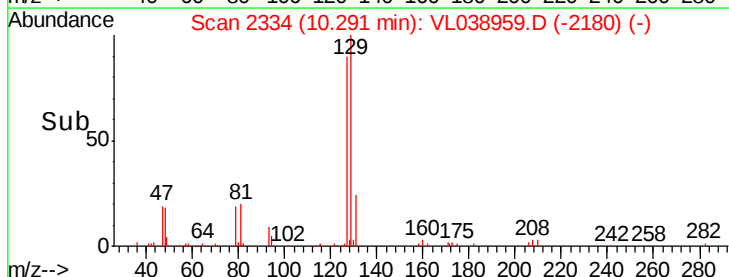
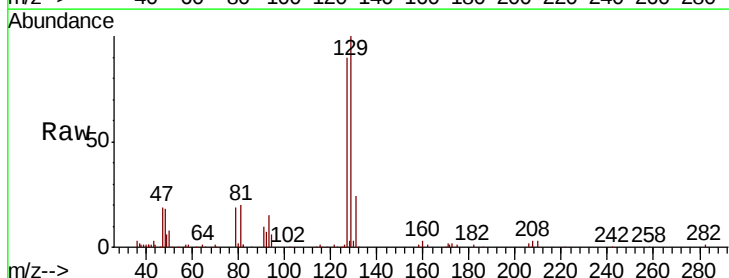
#47
 1,1,2-Trichloroethane
 Concen: 0.921 ppbv
 RT: 9.47
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDIC001
 Acq: 5 May 2022 4:01

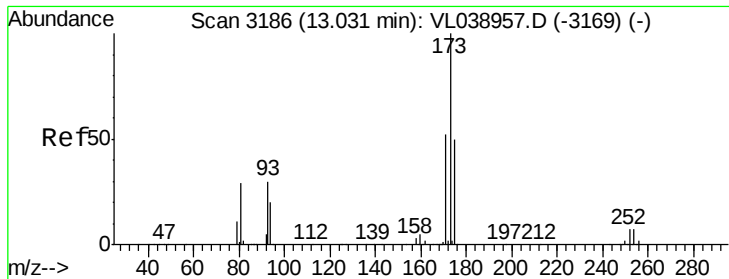
Tot Ion: 97 Resp: 113543
 Ion Ratio Lower Upper
 97 100
 83 81.7 72.0 108.0
 85 58.3 45.7 68.5
 99 58.1 50.2 75.4



#48
 Dibromochloromethane
 Concen: 0.513 ppbv
 RT: 10.29 min Scan# 2334
 Delta R.T. -0.01 min
 Lab File: VL038959.D
 Acq: 5 May 2022 4:01

Tgt Ion: 129 Resp: 97316
 Ion Ratio Lower Upper
 129 100
 127 146.7 39.3 117.9#





#49

Bromoform

Concen: 0.904 ppbv

RT: 13.02

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

VSTDIC001

Acq: 5 May 2022 4:01

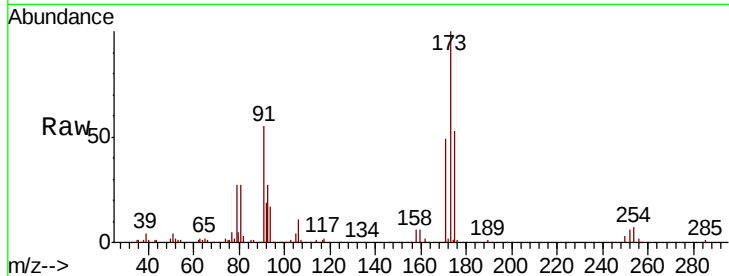
Tot Ion:173 Resp: 137076

Ion Ratio Lower Upper

173 100

175 52.6 41.0 61.6

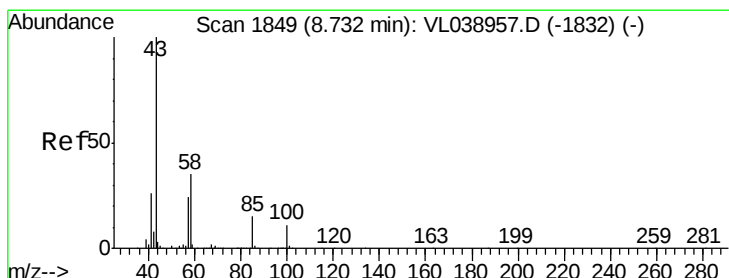
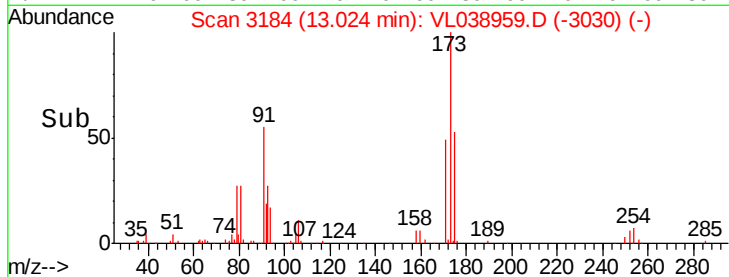
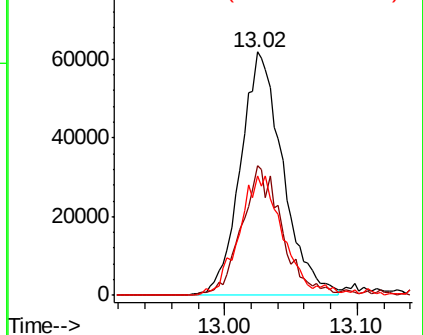
171 52.7 42.6 64.0



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: 0.561 ppbv

RT: 8.74 min Scan# 1852

Delta R.T. 0.01 min

Lab File: VL038959.D

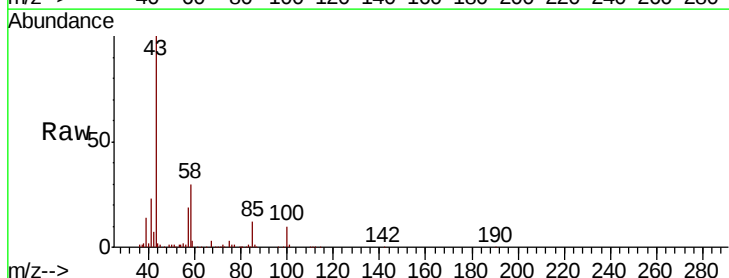
Acq: 5 May 2022 4:01

Tgt Ion: 43 Resp: 136471

Ion Ratio Lower Upper

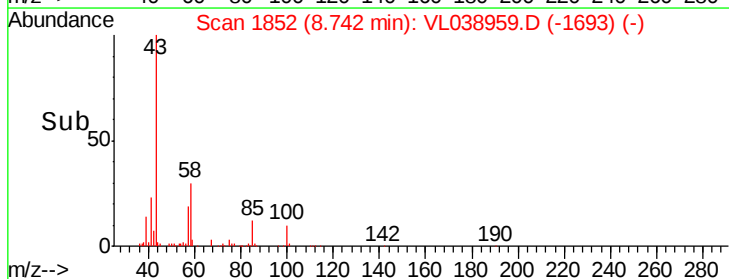
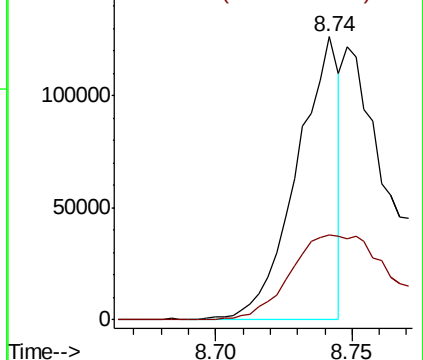
43 100

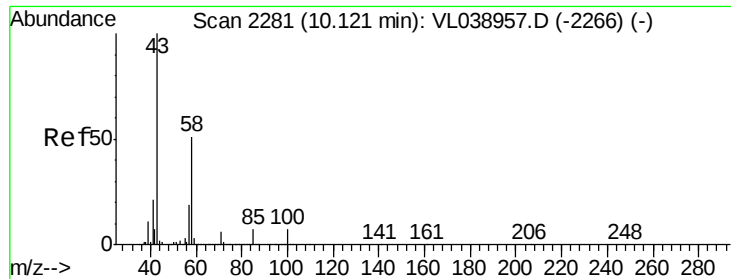
58 81.3 28.4 42.6#



Abundance Ion 43.10 (42.80 to 43.80): VL0

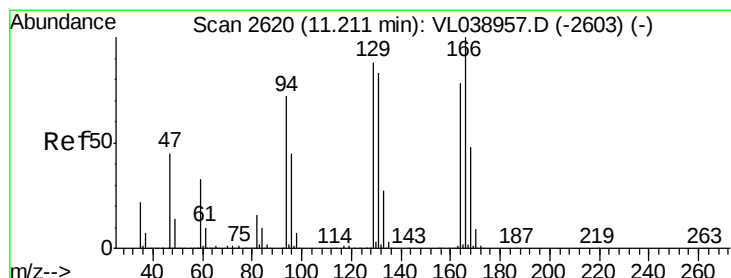
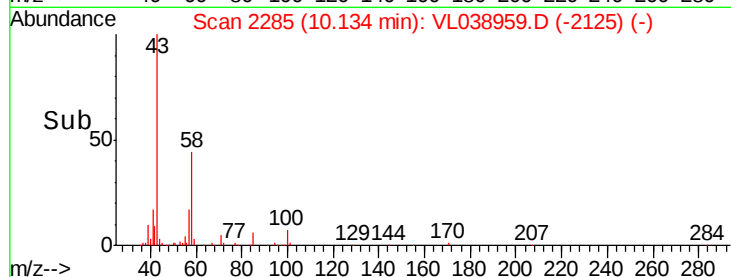
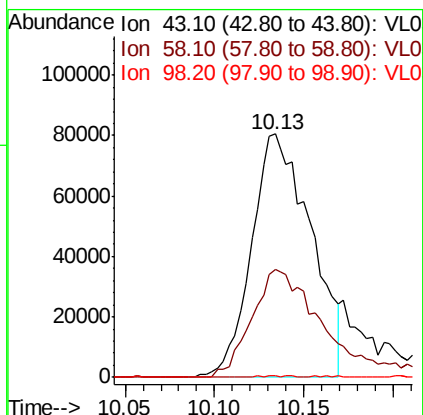
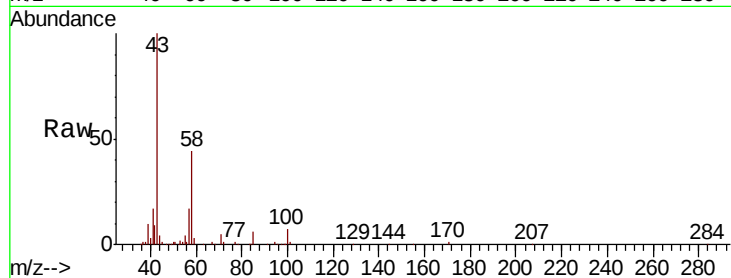
Ion 58.10 (57.80 to 58.80): VL0





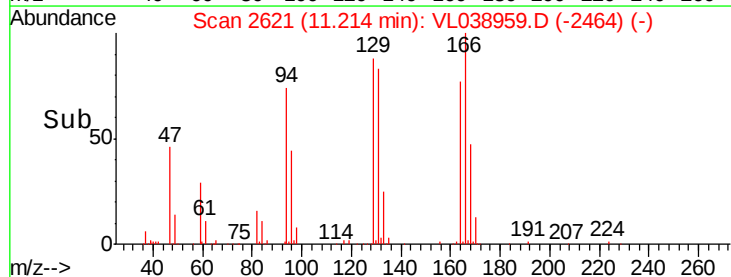
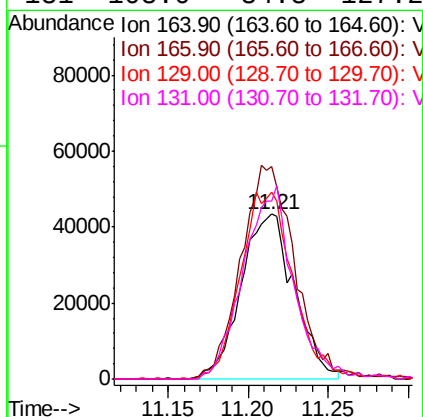
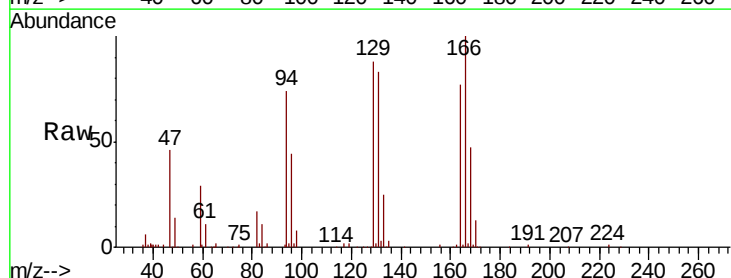
#51
2-Hexanone
Concen: 1.359 ppbv
RT: 10.13
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 5 May 2022 4:01

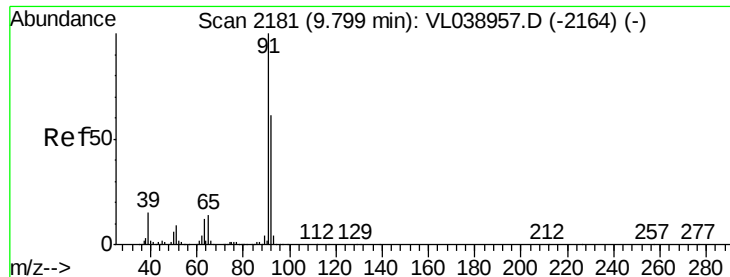
Tot Ion: 43 Resp: 187062
Ion Ratio Lower Upper
43 100
58 55.9 39.3 58.9
98 0.6 0.2 0.2#



#52
Tetrachloroethene
Concen: 0.896 ppbv
RT: 11.21 min Scan# 2621
Delta R.T. 0.00 min
Lab File: VL038959.D
Acq: 5 May 2022 4:01

Tgt Ion: 164 Resp: 98975
Ion Ratio Lower Upper
164 100
166 129.5 102.5 153.7
129 113.9 90.1 135.1
131 108.0 84.8 127.2





#53

Toluene

Concen: 1.006 ppbv

RT: 9.79 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDIC001

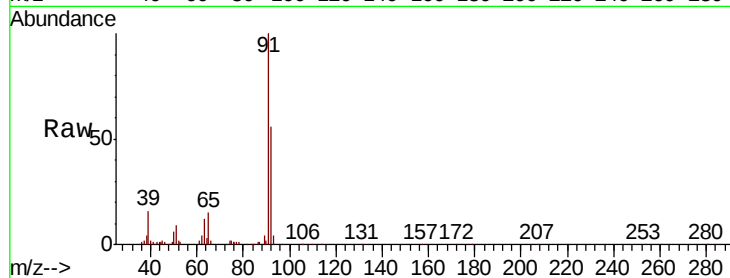
Acq: 5 May 2022 4:01

Tot Ion: 91 Resp: 321339

Ion Ratio Lower Upper

91 100

92 59.6 48.2 72.2



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0

9.79

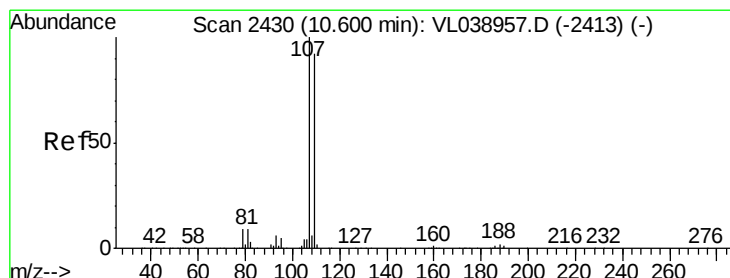
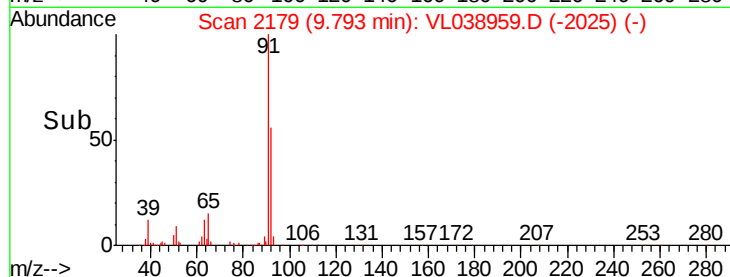
150000

100000

50000

0

Time--> 9.70 9.75 9.80 9.85



#54

1,2-Dibromoethane

Concen: 0.541 ppbv

RT: 10.60 min Scan# 2429

Delta R.T. -0.00 min

Lab File: VL038959.D

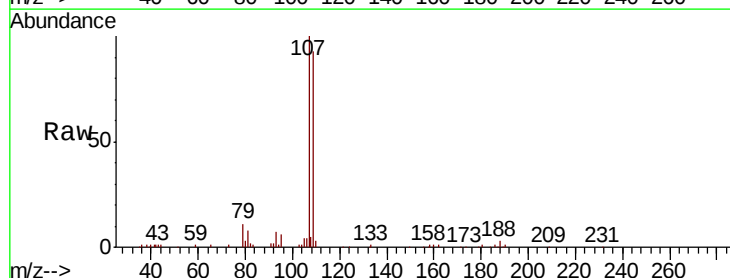
Acq: 5 May 2022 4:01

Tgt Ion: 107 Resp: 94002

Ion Ratio Lower Upper

107 100

109 92.8 73.8 110.8



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

10.60

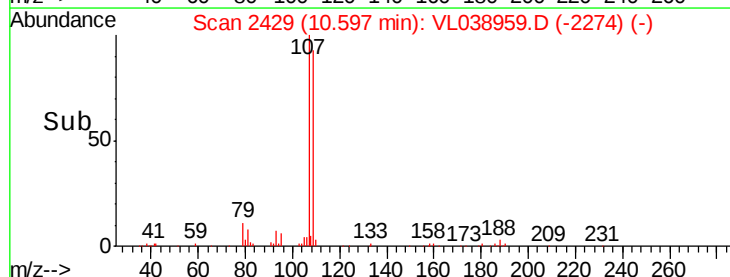
60000

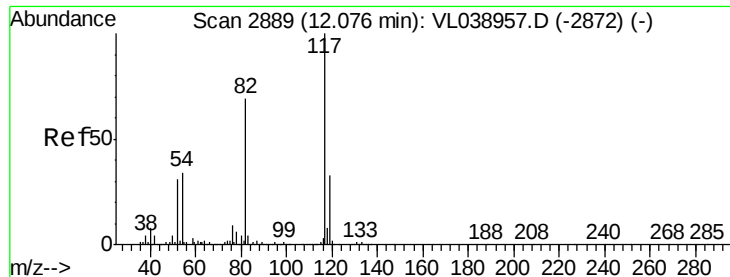
40000

20000

0

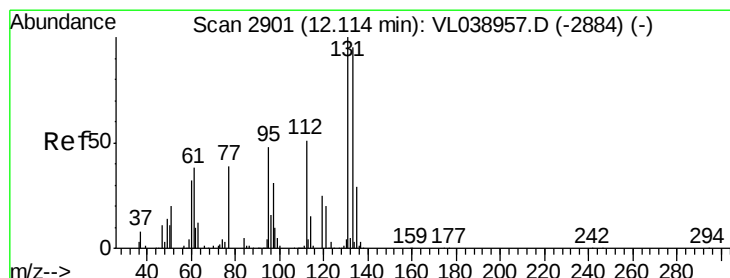
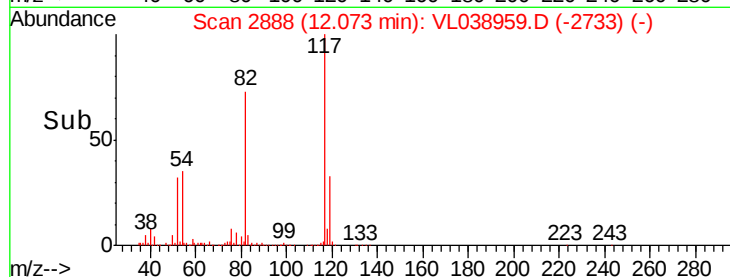
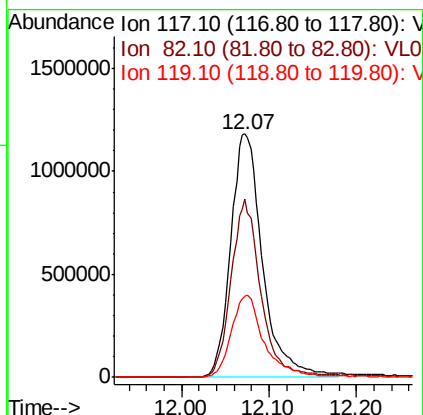
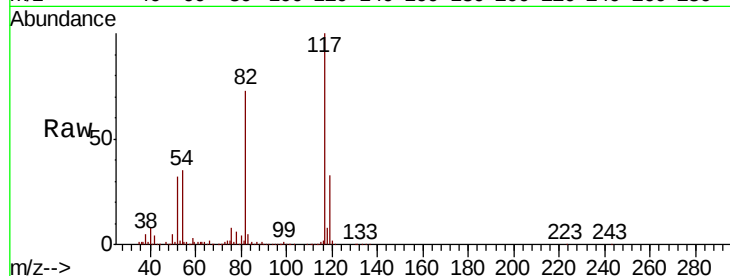
Time--> 10.55 10.60





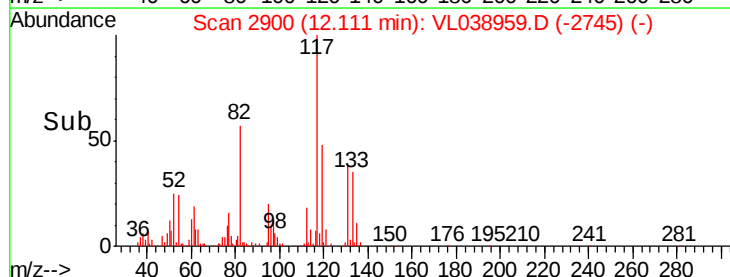
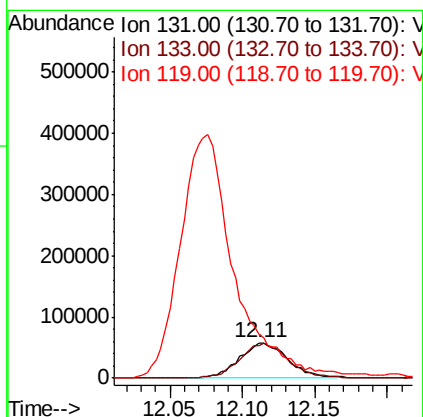
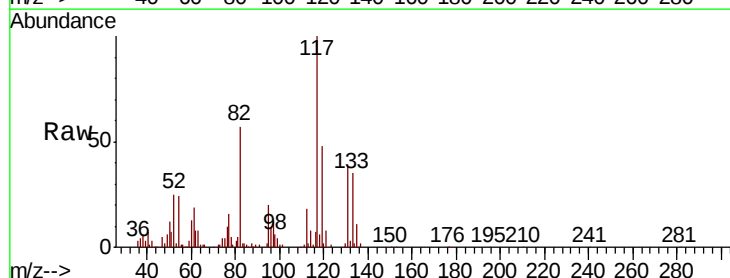
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
VSTDIC001
Acq: 5 May 2022 4:01

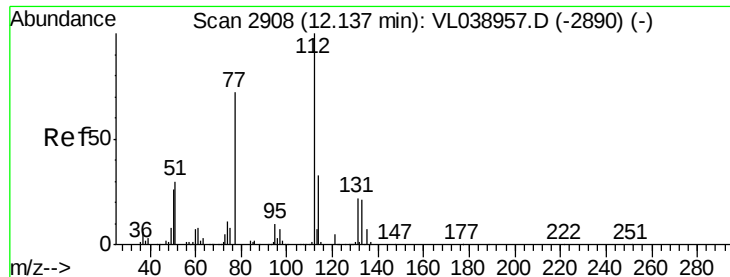
Tot Ion:117 Resp: 2992669
Ion Ratio Lower Upper
117 100
82 69.3 57.0 85.6
119 34.8 27.2 40.8



#56
1,1,1,2-Tetrachloroethane
Concen: 0.996 ppbv
RT: 12.11 min Scan# 2900
Delta R.T.: -0.00 min
Lab File: VL038959.D
Acq: 5 May 2022 4:01

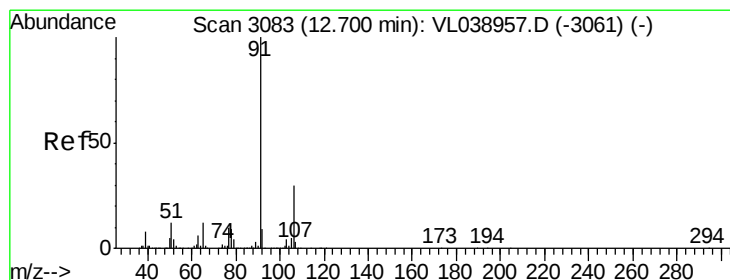
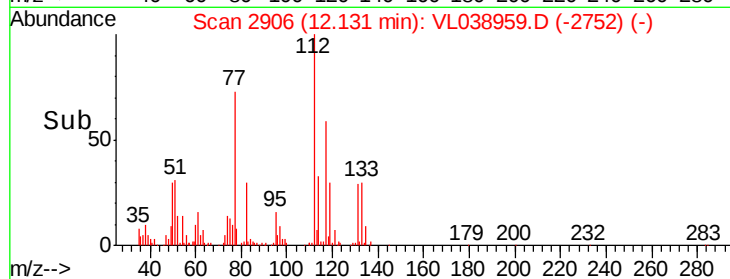
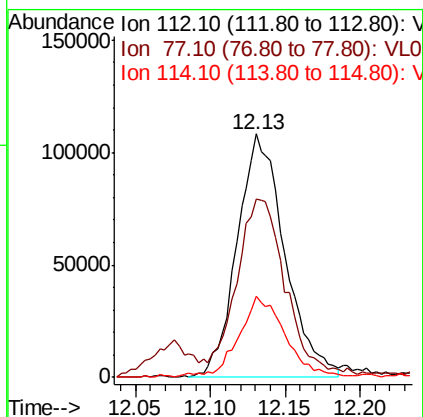
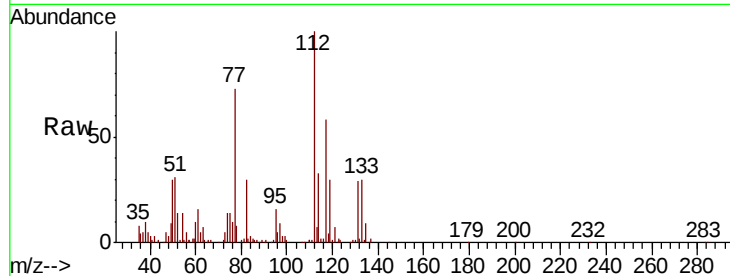
Tgt Ion:131 Resp: 134212
Ion Ratio Lower Upper
131 100
133 98.8 76.9 115.3
119 790.2 47.4 71.0#





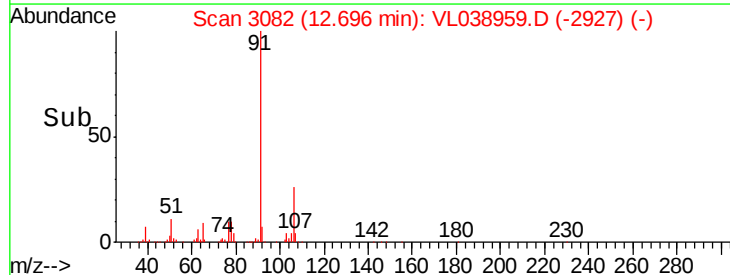
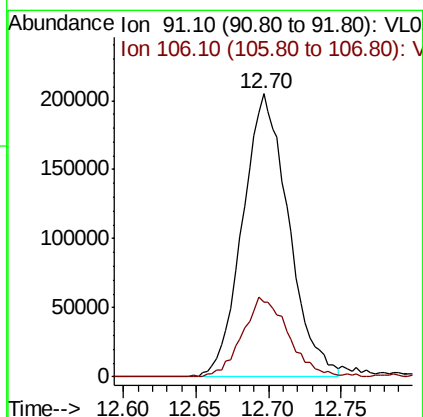
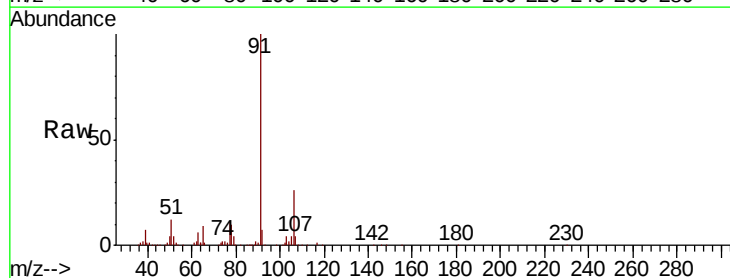
#57
Chlorobenzene
Concen: 0.948 ppbv
RT: 12.13 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 5 May 2022 4:01

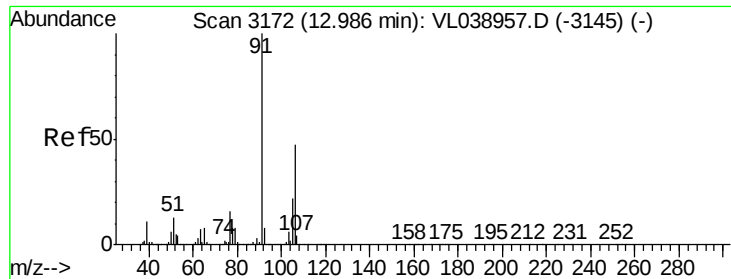
Tot Ion	Ratio	Lower	Upper
112	100		
77	69.9	57.7	86.5
114	31.9	30.1	36.7



#58
Ethyl Benzene
Concen: 1.054 ppbv
RT: 12.70 min Scan# 3082
Delta R.T. -0.00 min
Lab File: VL038959.D
Acq: 5 May 2022 4:01

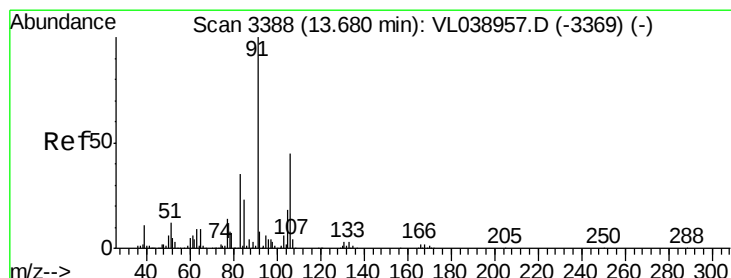
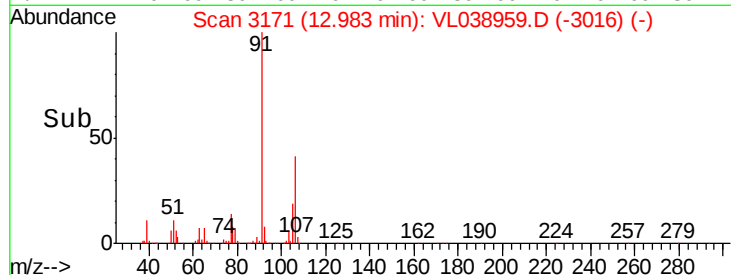
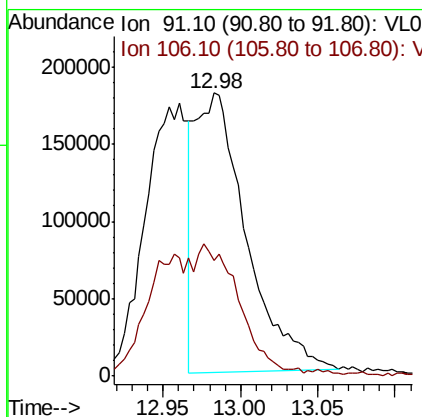
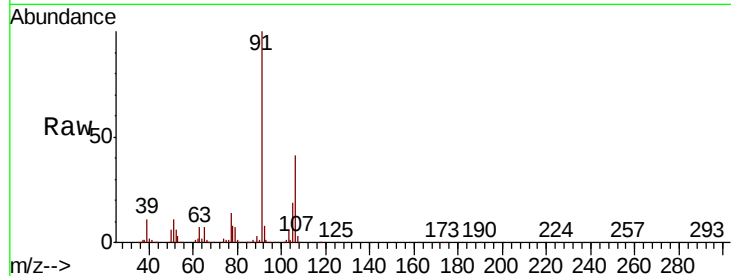
Tgt Ion	Ratio	Lower	Upper
91	100		
106	26.2	24.2	36.4





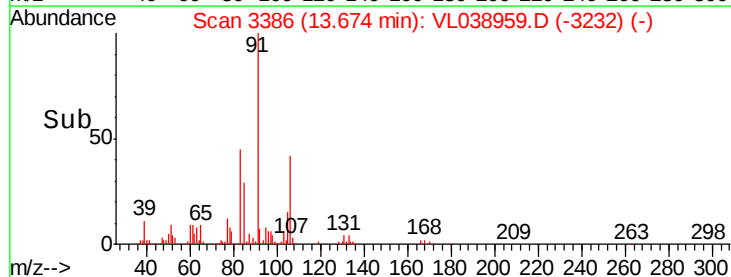
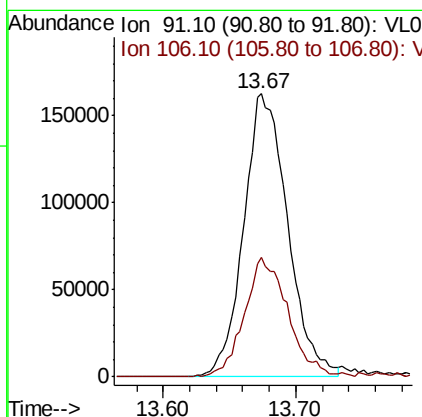
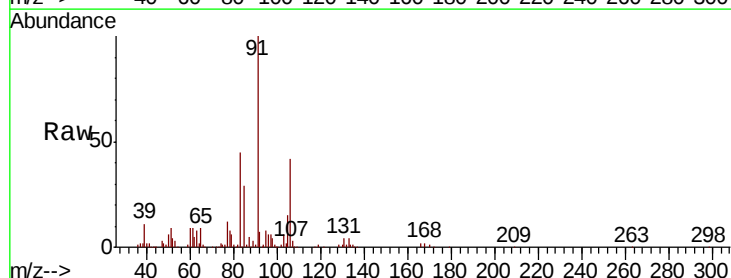
#59
m/p-Xylene
Concen: 1.104 ppbv
RT: 12.98 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 5 May 2022 4:01

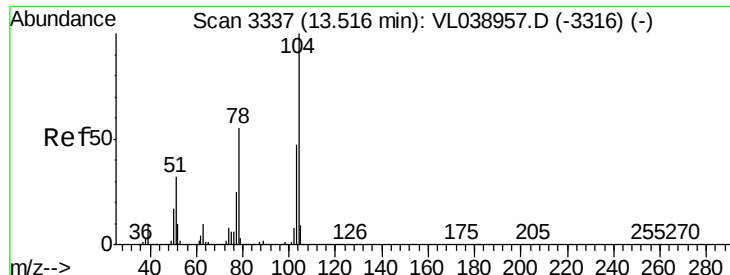
Tot Ion: 91 Resp: 415524
Ion Ratio Lower Upper
91 100
106 77.4 34.6 52.0#



#60
o-Xylene
Concen: 1.034 ppbv
RT: 13.67 min Scan# 3386
Delta R.T. -0.01 min
Lab File: VL038959.D
Acq: 5 May 2022 4:01

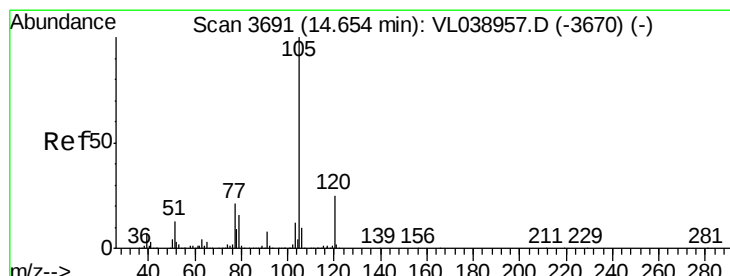
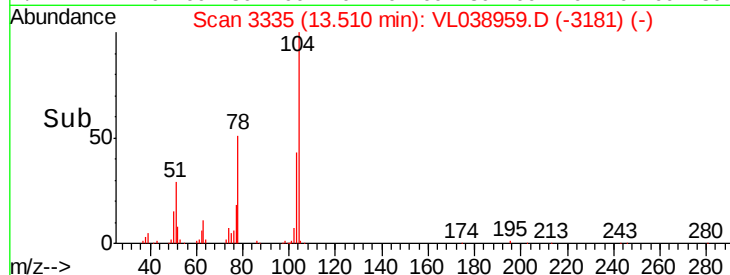
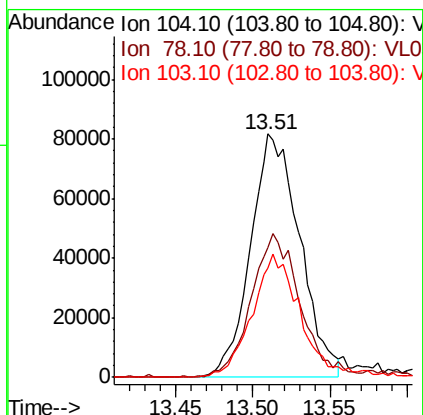
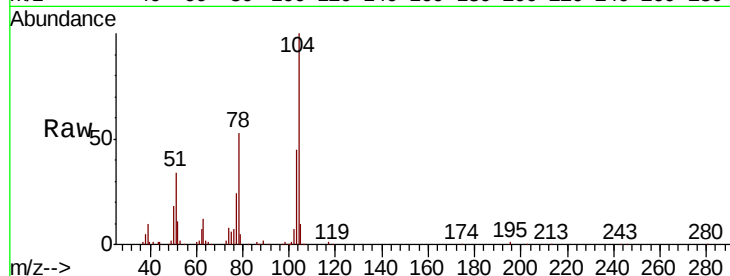
Tgt Ion: 91 Resp: 375963
Ion Ratio Lower Upper
91 100
106 42.1 22.2 66.6





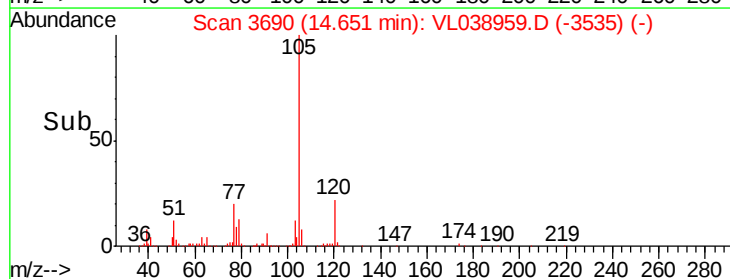
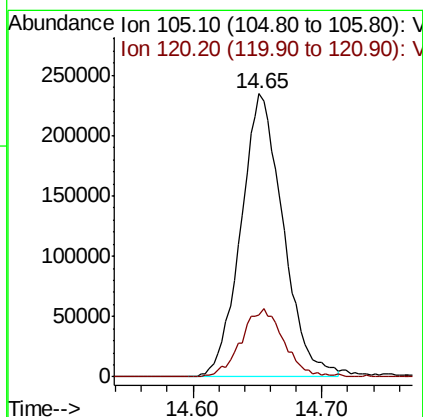
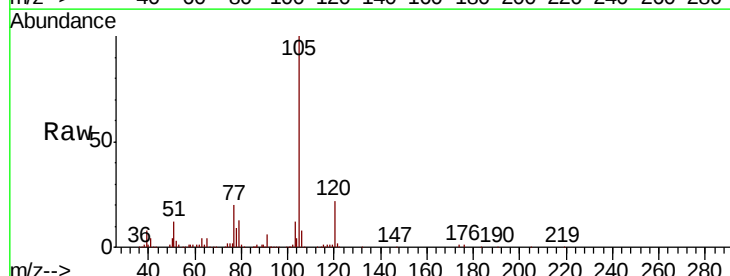
#61
Stvrene
Concen: 1.000 ppbv
RT: 13.51
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 5 May 2022 4:01

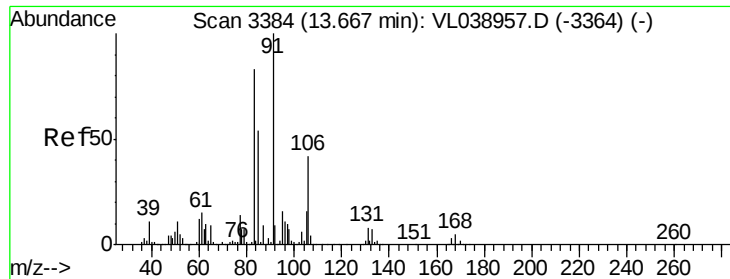
Tot Ion	Ratio	Lower	Upper
104	100		
78	59.1	46.4	69.6
103	50.3	39.3	58.9



#62
Isopropylbenzene
Concen: 1.079 ppbv
RT: 14.65 min Scan# 3690
Delta R.T. -0.00 min
Lab File: VL038959.D
Acq: 5 May 2022 4:01

Tgt Ion	Ratio	Lower	Upper
105	100		
120	24.6	20.5	30.7





#63

1,1,2,2-Tetrachloroethane

Concen: 0.451 ppbv

RT: 13.66

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 5 May 2022 4:01

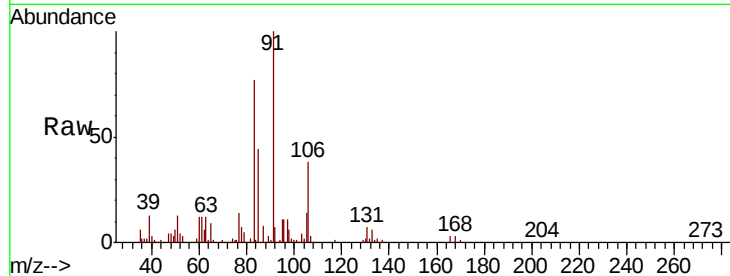
Tot Ion: 83 Resp: 122948

Ion Ratio Lower Upper

83 100

131 0.0 4.5 13.7#

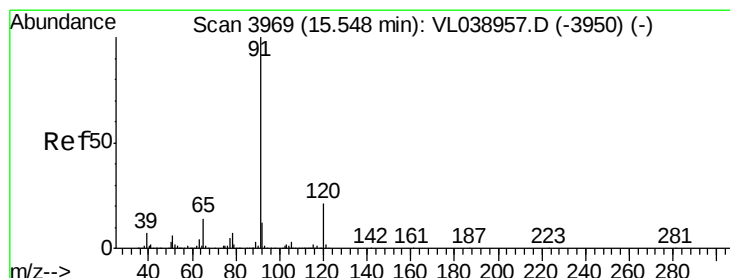
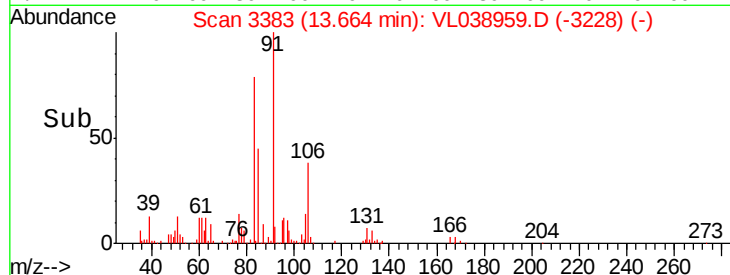
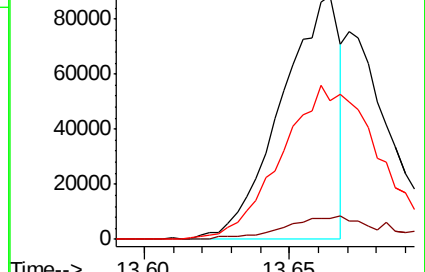
85 114.0 32.8 98.3#



Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 131.00 (130.70 to 131.70): VL0

Ion 85.00 (84.70 to 85.70): VL0



#64

n-propylbenzene

Concen: 0.590 ppbv

RT: 15.55 min Scan# 3968

Delta R.T. -0.00 min

Lab File: VL038959.D

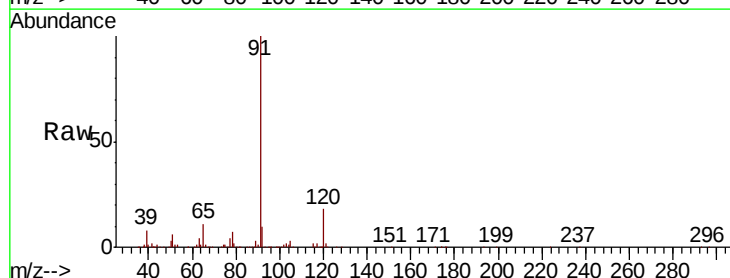
Acq: 5 May 2022 4:01

Tgt Ion:120 Resp: 71193

Ion Ratio Lower Upper

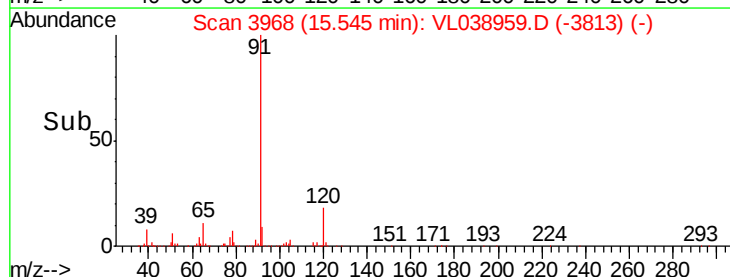
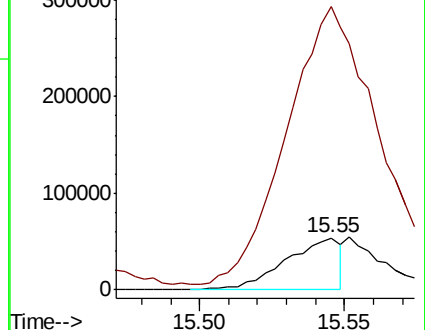
120 100

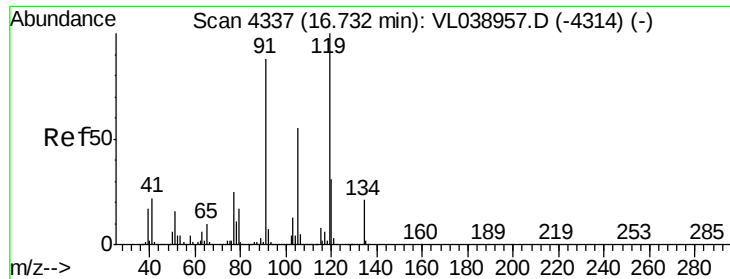
91 977.8 400.6 601.0#



Abundance Ion 120.20 (119.90 to 120.90): VL0

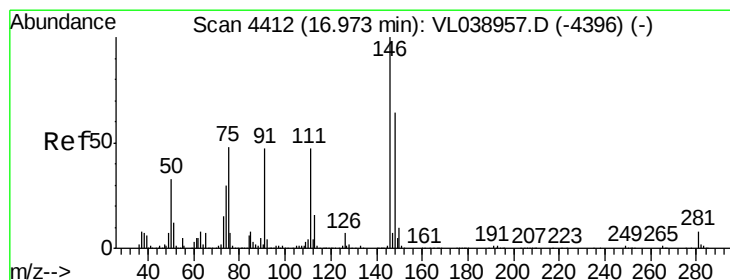
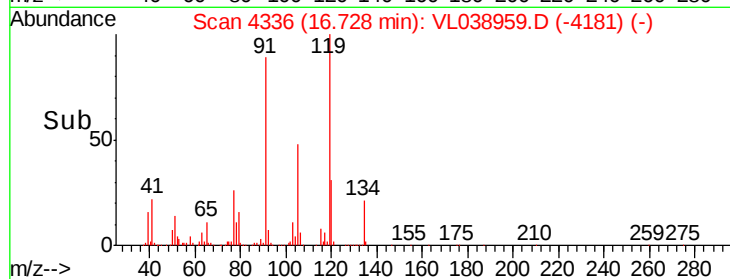
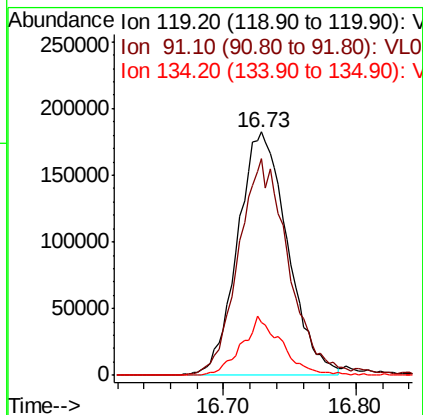
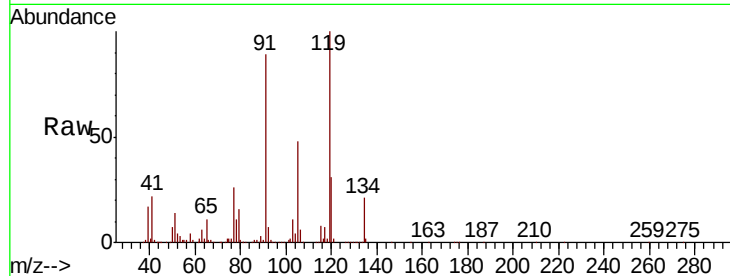
Ion 91.10 (90.80 to 91.80): VL0





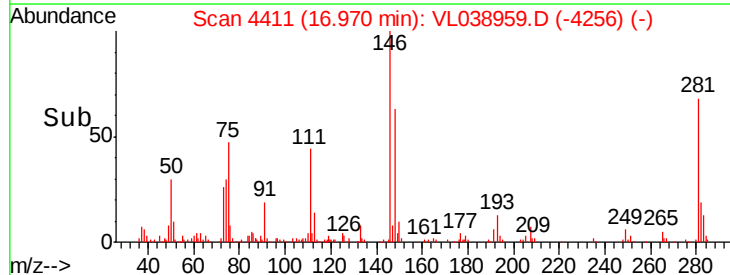
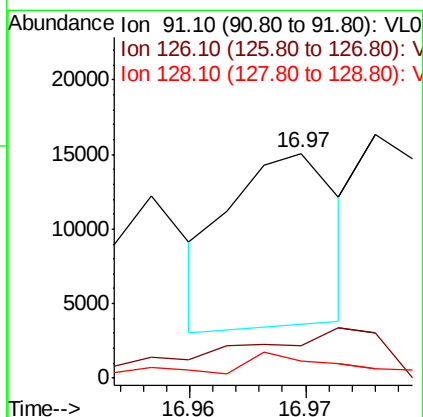
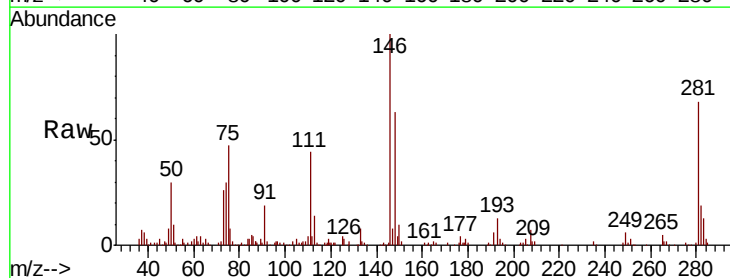
#65
tert-Butylbenzene
Concen: 1.103 ppbv
RT: 16.73 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VSTDIC001
Acq: 5 May 2022 4:01

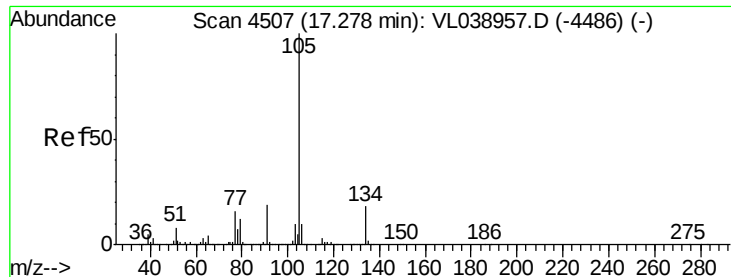
Tot Ion: 119 Resp: 474168
Ion Ratio Lower Upper
119 100
91 90.6 69.4 104.2
134 20.0 15.8 23.8



#66
Benzyl Chloride
Concen: 0.143 ppbv
RT: 16.97 min Scan# 4411
Delta R.T.: -0.00 min
Lab File: VL038959.D
Acq: 5 May 2022 4:01

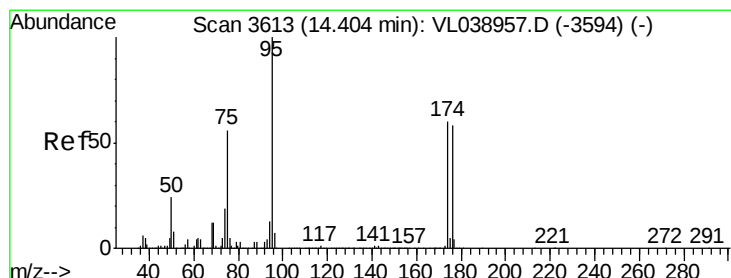
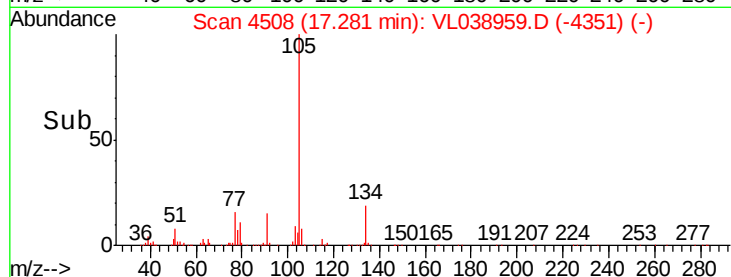
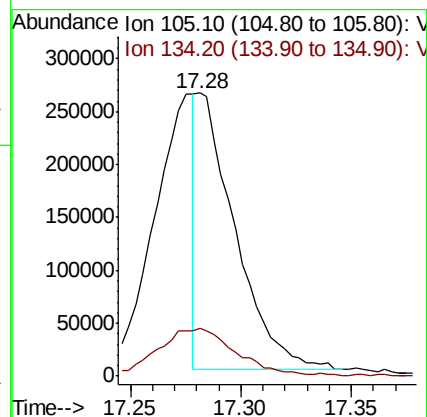
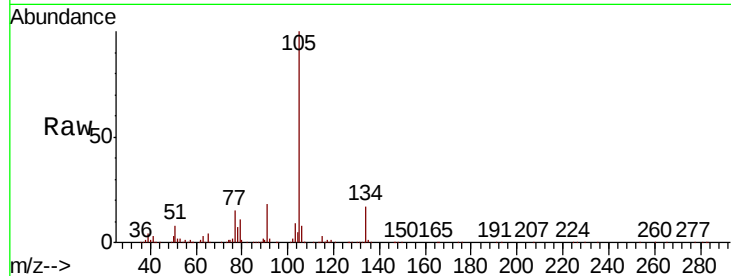
Tgt Ion: 91 Resp: 7519
Ion Ratio Lower Upper
91 100
126 70.0 11.8 17.6#
128 34.8 4.2 6.2#





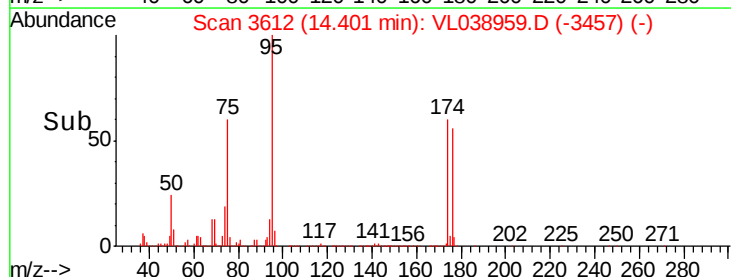
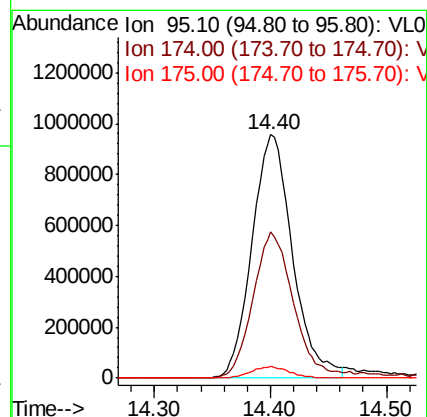
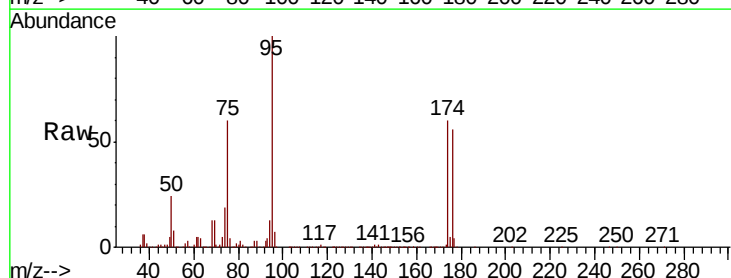
#67
 sec-Butylbenzene
 Concen: 0.506 ppbv
 RT: 17.28
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId:
 VSTDIC001
 Acq: 5 May 2022 4:01

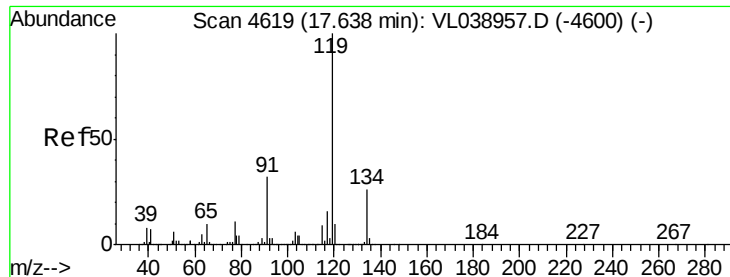
Tot Ion: 105 Resp: 309015
 Ion Ratio Lower Upper
 105 100
 134 37.6 14.2 21.4#



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.854 ppbv
 RT: 14.40 min Scan# 3612
 Delta R.T. -0.00 min
 Lab File: VL038959.D
 Acq: 5 May 2022 4:01

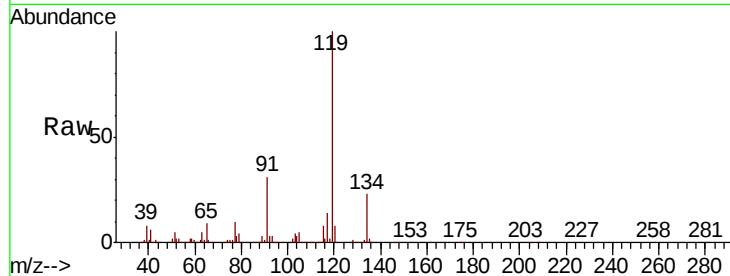
Tgt Ion: 95 Resp: 2332483
 Ion Ratio Lower Upper
 95 100
 174 63.5 50.8 76.2
 175 4.8 3.8 5.6





#69
 p-Isopropyltoluene
 Concen: 1.160 ppbv
 RT: 17.64 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDIC001
 Acq: 5 May 2022 4:01

Tot Ion	Ratio	Lower	Upper
119	100		
134	24.1	20.0	30.0
91	31.7	24.8	37.2

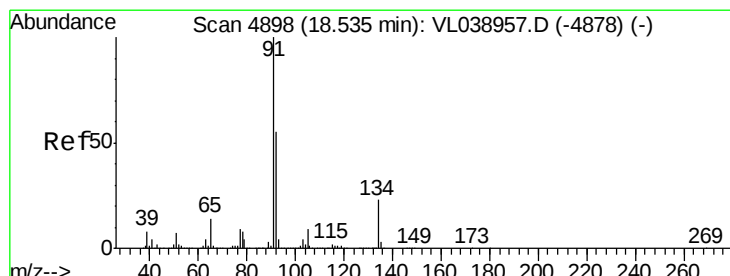
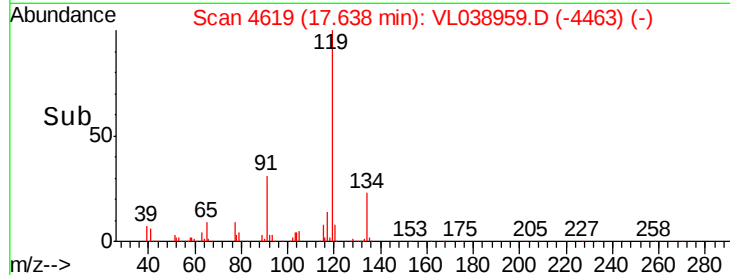
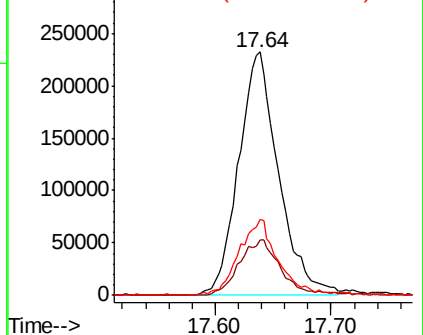


Abundance

Ion 119.10 (118.80 to 119.80): V

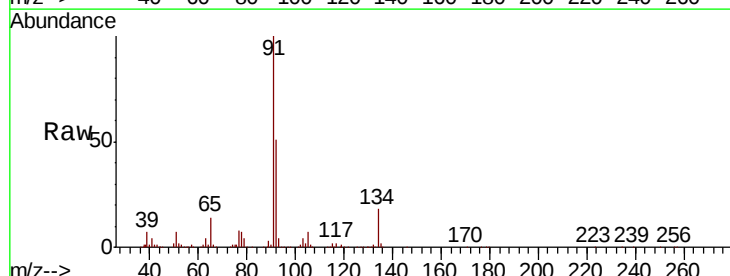
Ion 134.20 (133.90 to 134.90): V

Ion 91.10 (90.80 to 91.80): V



#70
 n-Butylbenzene
 Concen: 0.673 ppbv
 RT: 18.53 min Scan# 4897
 Delta R.T. -0.00 min
 Lab File: VL038959.D
 Acq: 5 May 2022 4:01

Tgt Ion	Ratio	Lower	Upper
91	100		
92	90.9	43.1	64.7#
134	0.0	17.0	25.4#

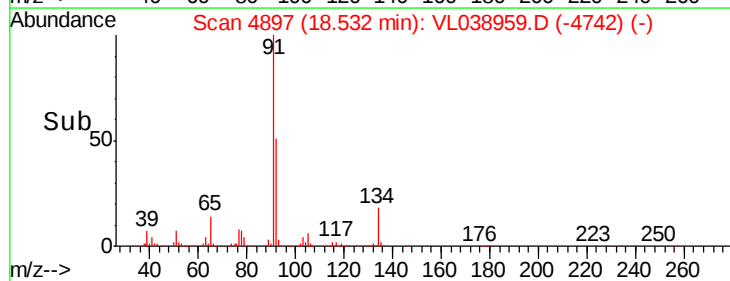
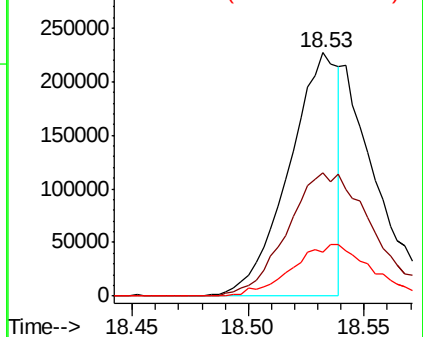


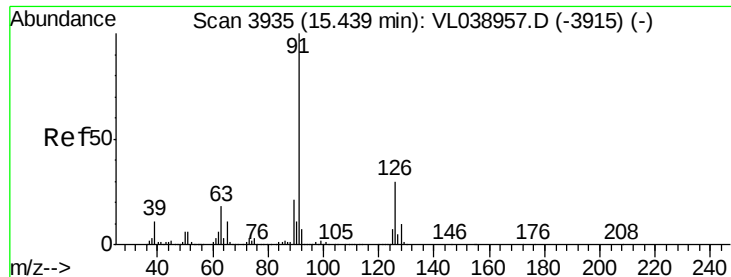
Abundance

Ion 91.10 (90.80 to 91.80): V

Ion 92.10 (91.80 to 92.80): V

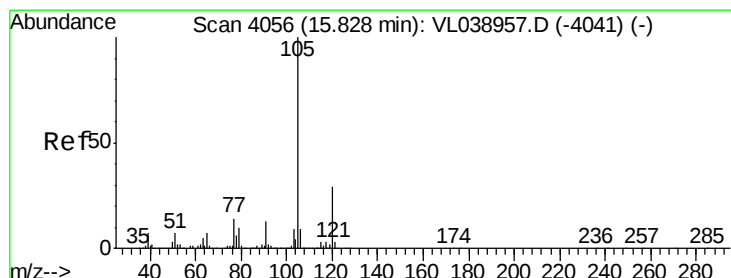
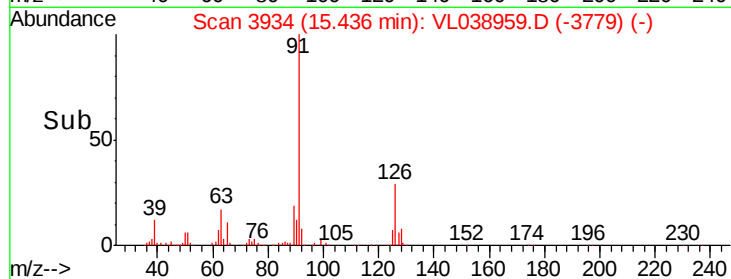
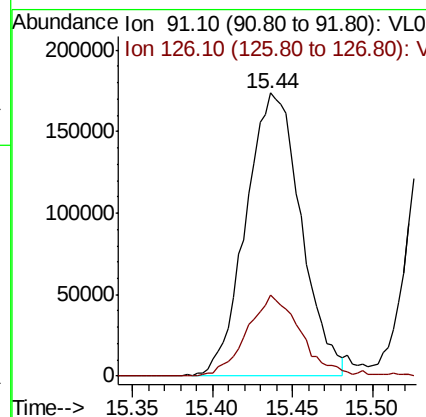
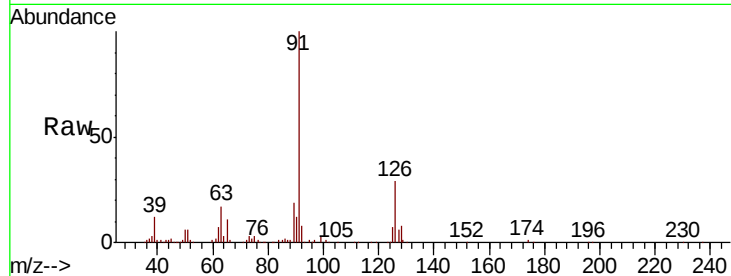
Ion 134.20 (133.90 to 134.90): V





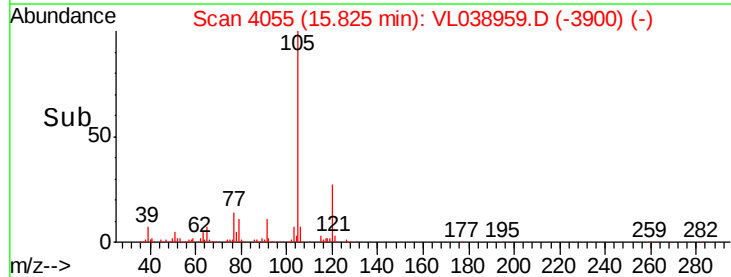
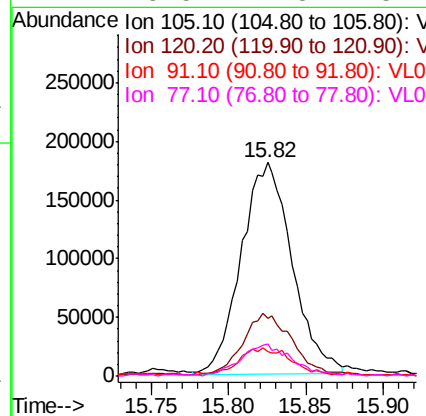
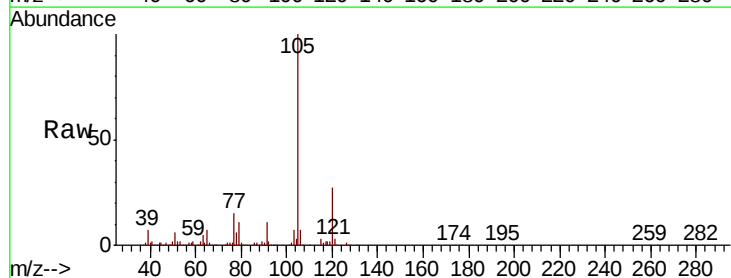
#71
 2-Chlorotoluene
 Concen: 1.105 ppbv
 RT: 15.44
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDIC001
 Acq: 5 May 2022 4:01

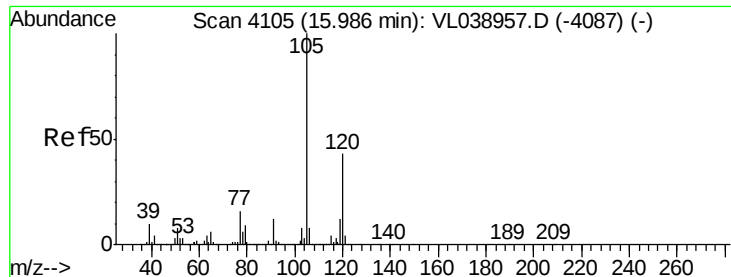
Tot Ion: 91 Resp: 411281
 Ion Ratio Lower Upper
 91 100
 126 28.4 11.9 47.5



#72
 4-Ethyltoluene
 Concen: 1.033 ppbv
 RT: 15.82 min Scan# 4055
 Delta R.T. -0.00 min
 Lab File: VL038959.D
 Acq: 5 May 2022 4:01

Tgt Ion:105 Resp: 412100
 Ion Ratio Lower Upper
 105 100
 120 29.3 23.4 35.0
 91 15.1 10.6 16.0
 77 15.5 12.5 18.7





#73

1,3,5-Trimethylbenzene

Concen: 1.015 ppbv

RT: 15.98

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

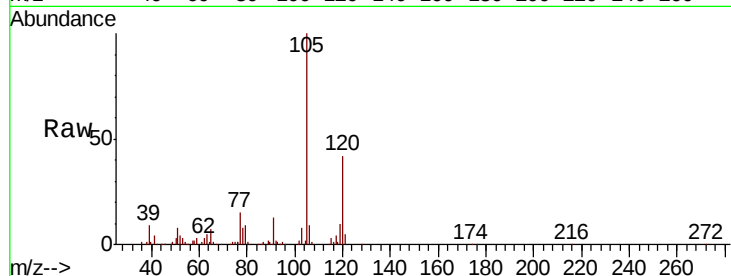
Acq: 5 May 2022 4:01

Tot Ion:105 Resp: 377590

Ion Ratio Lower Upper

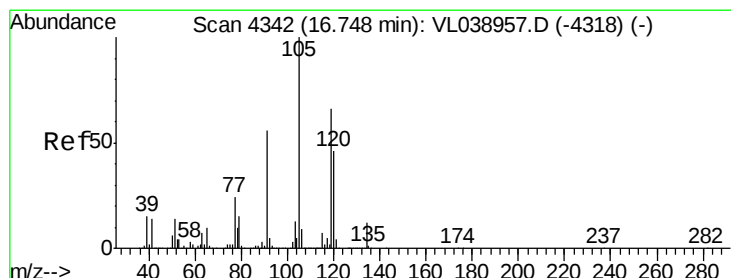
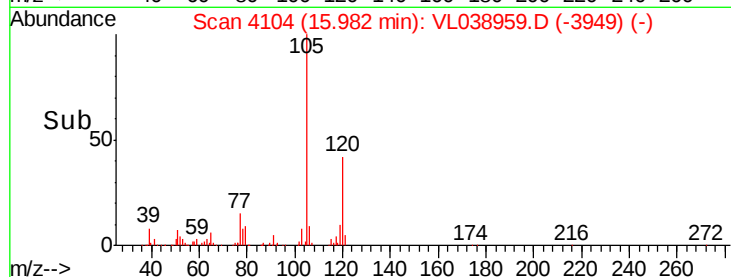
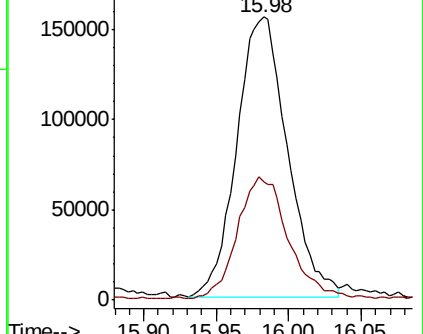
105 100

120 41.7 34.4 51.6



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V



#74

1,2,4-Trimethylbenzene

Concen: 1.027 ppbv

RT: 16.74 min Scan# 4341

Delta R.T. -0.00 min

Lab File: VL038959.D

Acq: 5 May 2022 4:01

Tgt Ion:105 Resp: 412323

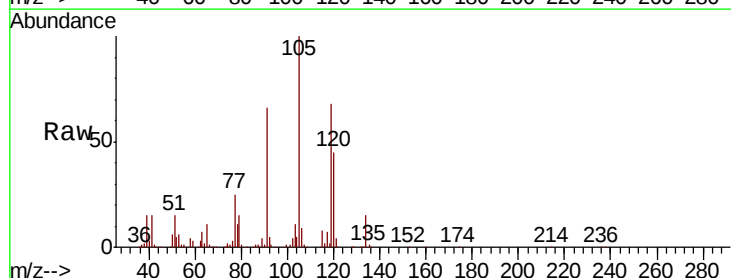
Ion Ratio Lower Upper

105 100

120 44.3 36.9 55.3

91 63.7 45.0 67.4

77 23.8 19.2 28.8

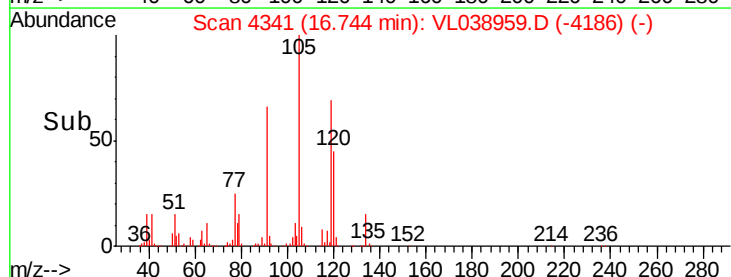
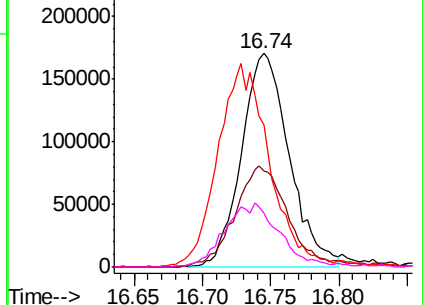


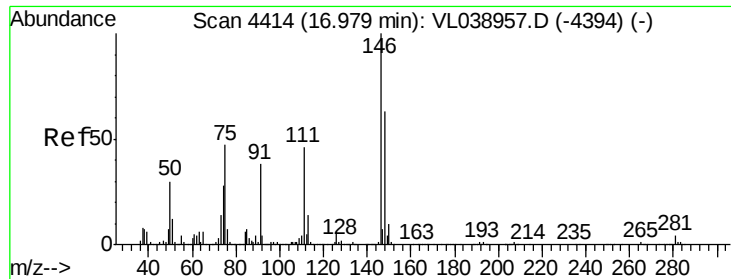
Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

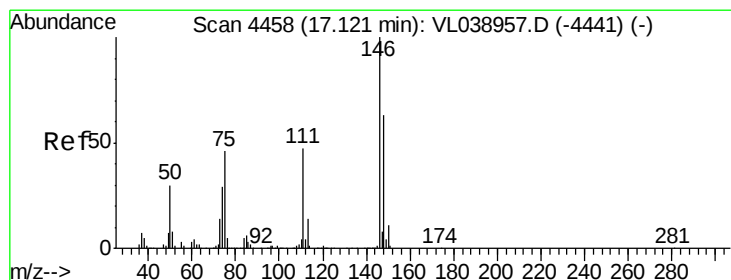
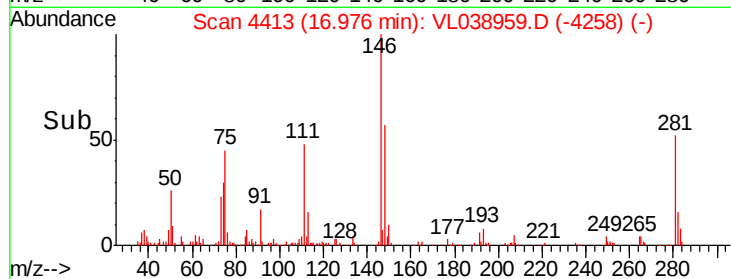
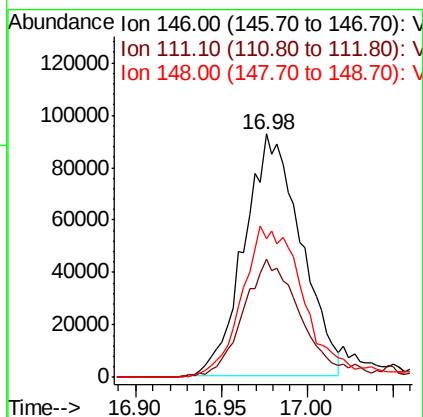
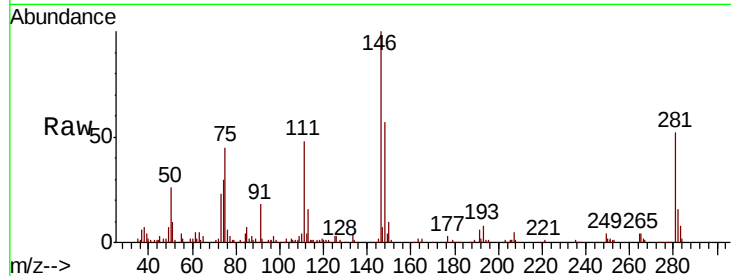
Ion 77.10 (76.80 to 77.80): VL0





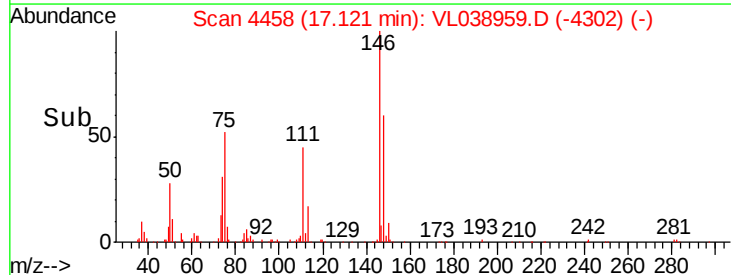
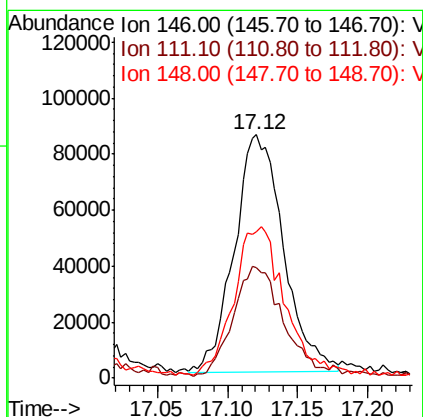
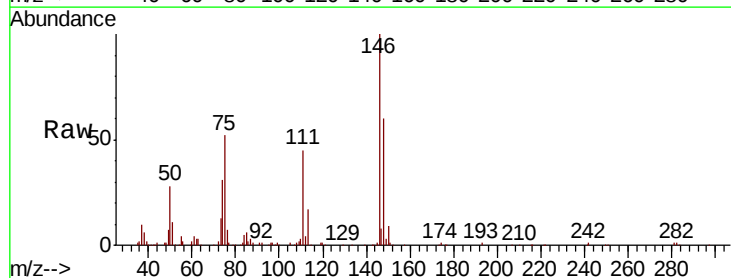
#75
 1,3-Dichlorobenzene
 Concen: 0.937 ppbv
 RT: 16.98 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VSTDIC001
 Acq: 5 May 2022 4:01

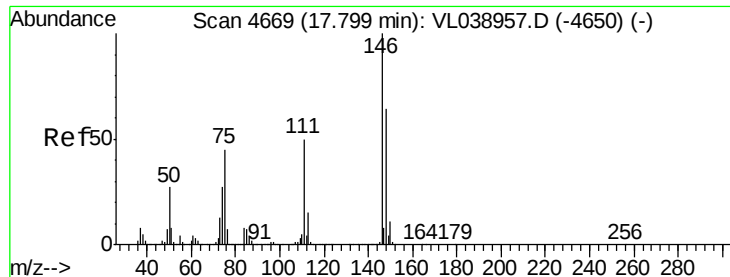
Tot Ion	Ratio	Lower	Upper
146	100		
111	51.8	24.1	72.2
148	69.5	32.4	97.2



#76
 1,4-Dichlorobenzene
 Concen: 0.924 ppbv
 RT: 17.12 min Scan# 4458
 Delta R.T.: 0.00 min
 Lab File: VL038959.D
 Acq: 5 May 2022 4:01

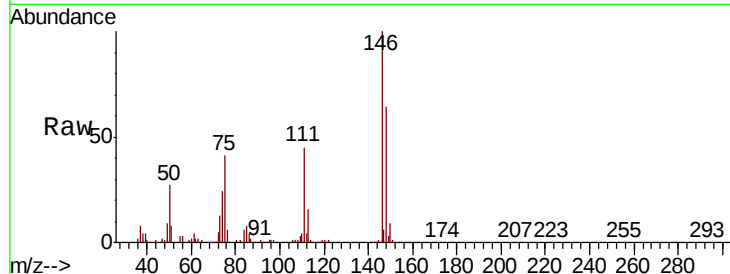
Tgt Ion	Ratio	Lower	Upper
146	100		
111	50.5	23.6	71.0
148	68.5	32.2	96.6





#77
 1,2-Dichlorobenzene
 Concen: 1.058 ppbv
 RT: 17.80 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDIC001
 Acq: 5 May 2022 4:01

Tot Ion	Ratio	Lower	Upper
146	100		
111	50.6	25.3	75.9
148	62.7	32.3	96.9

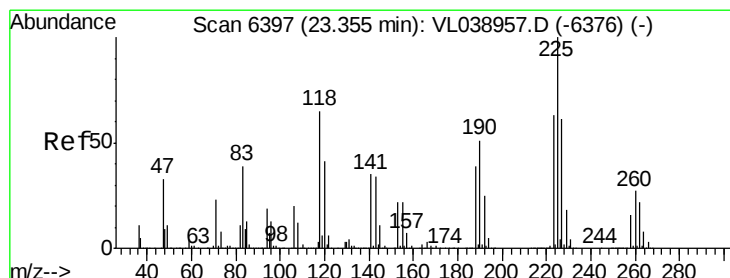
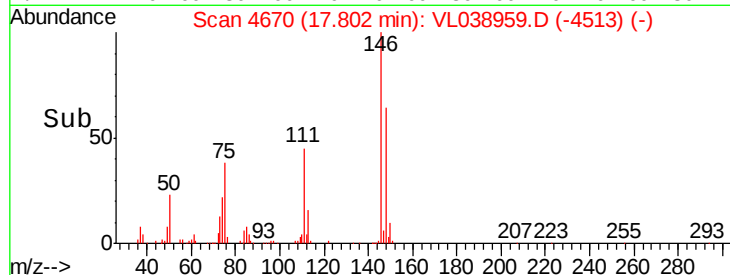
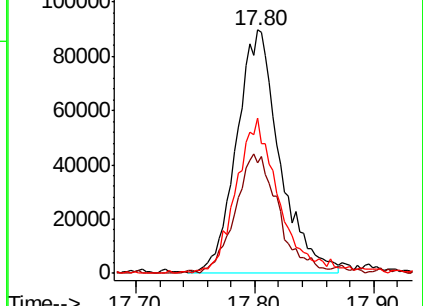


Abundance

Ion 146.00 (145.70 to 146.70): V

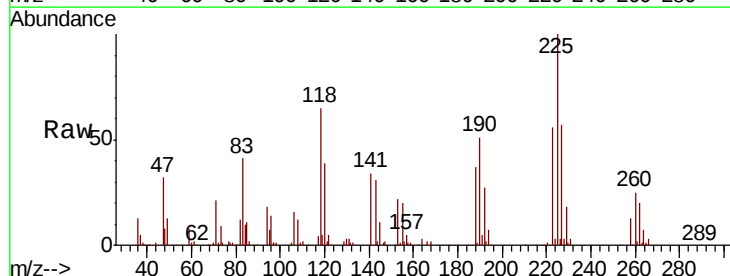
Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V



#78
 Hexachloro-1,3-Butadiene
 Concen: 1.147 ppbv
 RT: 23.36 min Scan# 6397
 Delta R.T. 0.00 min
 Lab File: VL038959.D
 Acq: 5 May 2022 4:01

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	51.4	77.0
227	64.5	51.4	77.0

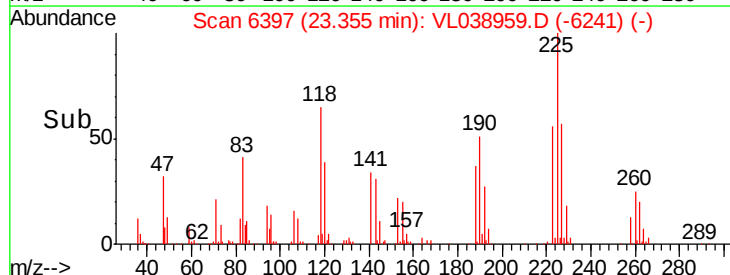
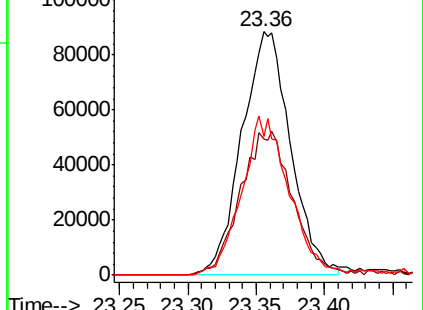


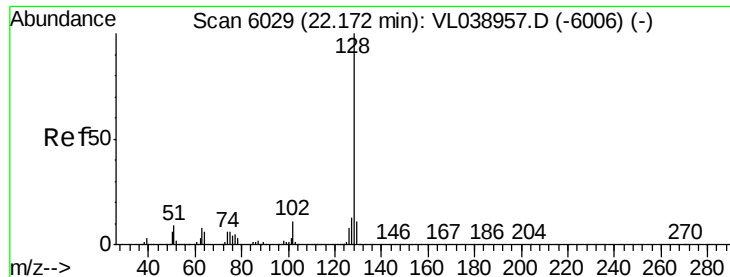
Abundance

Ion 224.90 (224.60 to 225.60): V

Ion 222.90 (222.60 to 223.60): V

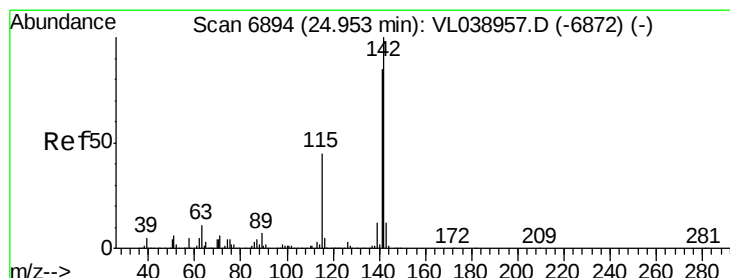
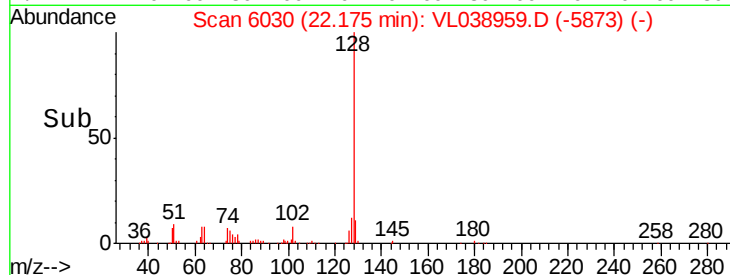
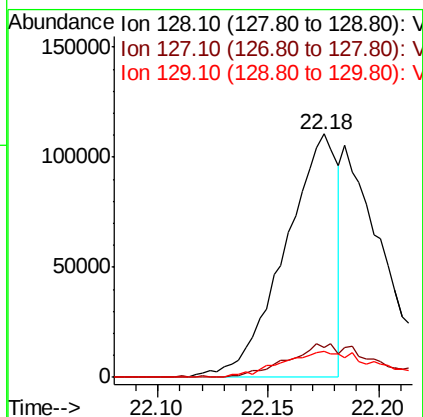
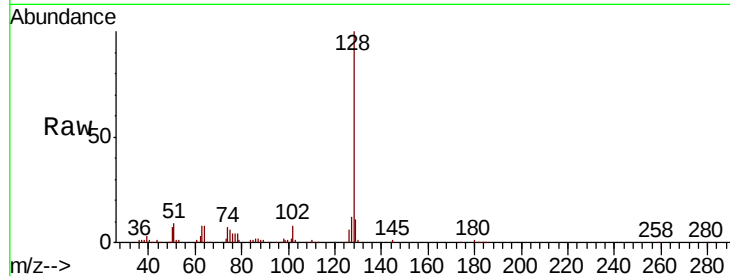
Ion 226.90 (226.60 to 227.60): V





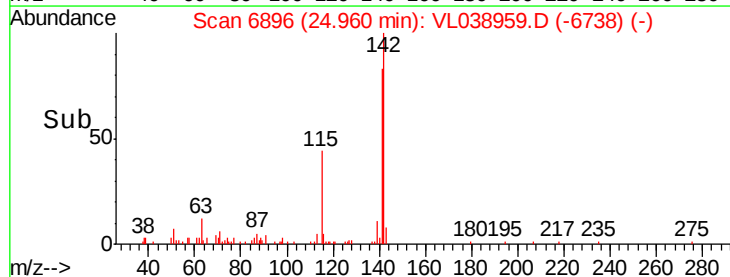
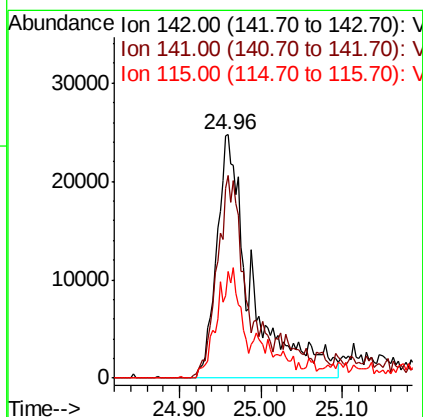
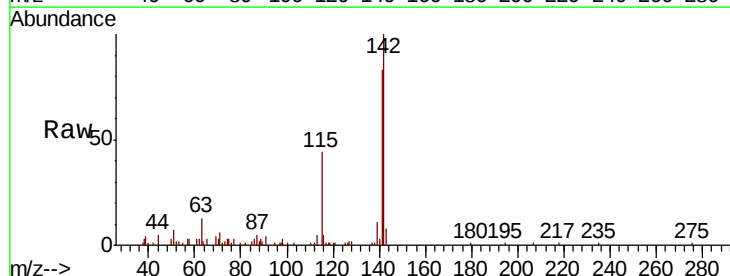
#79
Naphthalene
Concen: 0.736 ppbv
RT: 22.18 min
Instrument: MSVOA_1
Delta R.T.: 0.01 min
Lab File: ClientSampleId : VSTDIC001
Acq: 5 May 2022 4:01

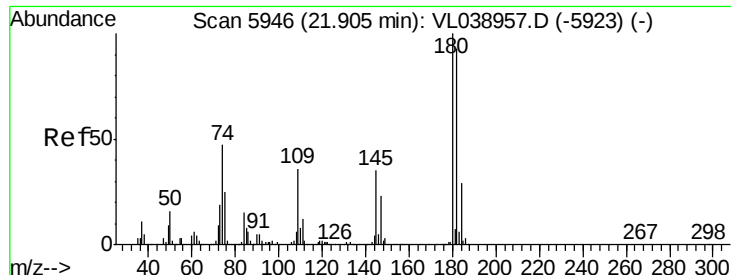
Tot Ion:128	Resp:	182202
Ion Ratio	Lower	Upper
128	100	
127	11.9	10.2 15.2
129	10.8	8.9 13.3



#80
Naphthalene, 2-methyl-
Concen: 1.385 ppbv
RT: 24.96 min Scan# 6896
Delta R.T.: 0.01 min
Lab File: VL038959.D
Acq: 5 May 2022 4:01

Tgt Ion:142	Resp:	74841
Ion Ratio	Lower	Upper
142	100	
141	86.6	70.8 106.2
115	46.2	35.1 52.7





#81
 1,2,4-Trichlorobenzene
 Concen: 0.818 ppbv
 RT: 21.91
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 VSTDIC001
 Acq: 5 May 2022 4.01

Tot Ion	Ratio	Lower	Upper
180	100		
182	144.3	78.4	117.6#
184	45.4	24.4	36.6#

