

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111621\
 Data File : VL038025.D
 Acq On : 16 Nov 2021 3:06
 Operator : SY/AP
 Sample : VSTDIC001
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Nov 16 04:34:54 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Nov 16 03:19:45 2021
 QLast Update : Tue Nov 16 03:19:45 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	828149	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3150843	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	3006219	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.41	95	2116561	9.80	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.00%

Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.06	85	193325	1.553 ppbv	92
3) Chlorodifluoromethane	2.99	51	232799	1.416 ppbv	100
4) Chloromethane	3.15	50	82862	1.338 ppbv	100
5) Vinyl Chloride	3.26	62	76061	1.291 ppbv	93
6) Bromomethane	3.48	94	39683	1.246 ppbv	94
7) Chloroethane	3.56	64	12426	0.581 ppbv	94
8) Dichlorotetrafluoroethane	3.19	85	194372	1.376 ppbv	99
9) Propene	3.02	41	88066	1.470 ppbv	99
10) Heptane	8.12	43	213906	1.549 ppbv	100
11) Trichlorofluoromethane	3.95	101	175965	1.424 ppbv	93
12) 1,1,2-Trichlorotrifluoroet	4.49	101	138003	1.430 ppbv	96
13) Ethanol	3.63	45	9174	1.576 ppbv #	57
14) Bromoethene	3.74	108	49010	1.182 ppbv #	90
15) Acetone	3.87	43	92814	1.279 ppbv	92
16) 1,3-Butadiene	3.33	39	74582	1.309 ppbv	99
17) tert-Butyl alcohol	4.31	59	131790	1.594 ppbv #	91
18) 1,1-Dichloroethene	4.29	96	55571	1.245 ppbv	95
19) Isopropyl Alcohol	4.00	45	70870	1.485 ppbv	91
20) Methylene Chloride	4.35	84	56887	1.428 ppbv	92
21) Allyl Chloride	4.41	41	96009	1.398 ppbv	93
22) trans-1,2-Dichloroethene	4.88	96	56279	1.253 ppbv	96
23) Vinyl Acetate	5.08	43	152292	1.342 ppbv #	97
24) 1,1-Dichloroethane	5.01	63	132522	1.439 ppbv	99
25) Ethyl Acetate	5.68	43	249626	1.214 ppbv #	94
26) Hexane	5.69	57	127687	1.304 ppbv	97
27) Carbon Disulfide	4.56	76	155782	1.503 ppbv #	91
28) Methyl tert-Butyl Ether	5.05	73	156110	1.687 ppbv	99
29) Chloroform	5.75	83	198832	1.324 ppbv	95
30) Cyclohexane	7.12	84	136352	1.526 ppbv #	73
31) cis-1,2-Dichloroethene	5.55	61	94765	1.077 ppbv	91
32) 1,1,1-Trichloroethane	6.51	97	226589	1.511 ppbv	100
34) 2-Butanone	5.26	43	96282	0.851 ppbv	91
35) Carbon Tetrachloride	7.01	117	127997	0.663 ppbv	94
36) Benzene	6.89	78	323636	1.244 ppbv	98
37) 1,2-Dichloroethane	6.30	62	149173	1.200 ppbv	98
38) Trichloroethene	7.83	130	123122	1.156 ppbv	92
39) 1,2-Dichloropropane	7.61	63	120676	1.217 ppbv	98
40) 1,4-Dioxane	7.85	88	12544	0.492 ppbv #	100
41) Tetrahydrofuran	6.07	42	74516	1.254 ppbv	93
42) Bromodichloromethane	7.78	83	233638	1.236 ppbv	90
43) Methyl Methacrylate	8.01	69	116209	1.345 ppbv	99

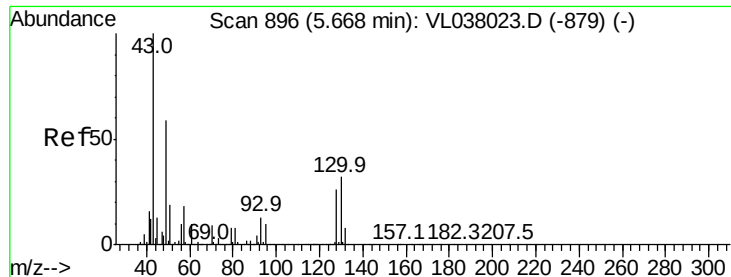
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111621\
 Data File : VL038025.D
 Acq On : 16 Nov 2021 3:06
 Operator : SY/AP
 Sample : VSTDIC001
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Nov 16 04:34:54 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Nov 16 03:19:45 2021
 QLast Update : Tue Nov 16 03:19:45 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.86	57	581638	1.320	ppbv	98
45) t-1,3-Dichloropropene	9.28	75	90179	1.376	ppbv	95
46) cis-1,3-Dichloropropene	8.70	75	116063	1.316	ppbv	98
47) 1,1,2-Trichloroethane	9.47	97	124972	1.141	ppbv	93
48) Dibromochloromethane	10.30	129	206303	1.314	ppbv	99
49) Bromoform	13.03	173	158088	1.282	ppbv	99
50) 4-Methyl-2-Pentanone	8.76	43	127697	0.818	ppbv #	64
51) 2-Hexanone	10.16	43	77132	1.145	ppbv #	82
52) Tetrachloroethene	11.22	164	116821	1.197	ppbv	96
53) Toluene	9.80	91	386875	1.385	ppbv	100
54) 1,2-Dibromoethane	10.60	107	180103	1.267	ppbv	99
56) 1,1,1,2-Tetrachloroethane	12.11	131	145446	1.202	ppbv #	1
57) Chlorobenzene	12.14	112	270353	1.138	ppbv	97
58) Ethyl Benzene	12.70	91	500844	1.356	ppbv	99
59) m/p-Xylene	12.99	91	472084	1.456	ppbv #	48
60) o-Xylene	13.68	91	405437	1.329	ppbv	99
61) Styrene	13.52	104	212863	1.481	ppbv	96
62) Isopropylbenzene	14.66	105	573790	1.316	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.67	83	280780	1.070	ppbv	99
64) n-propylbenzene	15.55	120	143202	1.291	ppbv	88
65) tert-Butylbenzene	16.73	119	522213	1.364	ppbv	100
66) Benzyl Chloride	16.98	91	19398	0.932	ppbv #	68
67) sec-Butylbenzene	17.29	105	711304	1.349	ppbv	98
69) p-Isopropyltoluene	17.64	119	576853	1.366	ppbv	98
70) n-Butylbenzene	18.54	91	511567	1.320	ppbv	99
71) 2-Chlorotoluene	15.45	91	200528	0.659	ppbv #	38
72) 4-Ethyltoluene	15.83	105	468828	1.327	ppbv	99
73) 1,3,5-Trimethylbenzene	15.99	105	423692	1.291	ppbv	94
74) 1,2,4-Trimethylbenzene	16.75	105	450862	1.319	ppbv	93
75) 1,3-Dichlorobenzene	16.99	146	235741	1.112	ppbv	97
76) 1,4-Dichlorobenzene	17.13	146	222244	1.080	ppbv	92
77) 1,2-Dichlorobenzene	17.81	146	230513	1.159	ppbv	98
78) Hexachloro-1,3-Butadiene	23.36	225	158399	0.964	ppbv	99
79) Naphthalene	22.19	128	220636	1.171	ppbv #	94
80) Naphthalene, 2-methyl-	24.98	142	26349	0.813	ppbv	99
81) 1,2,4-Trichlorobenzene	21.92	180	48478	0.396	ppbv #	1

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 Instrument:

Delta R.T. MSVOA_L

Lab File:

Acq: 16 Nov 2021 3:00

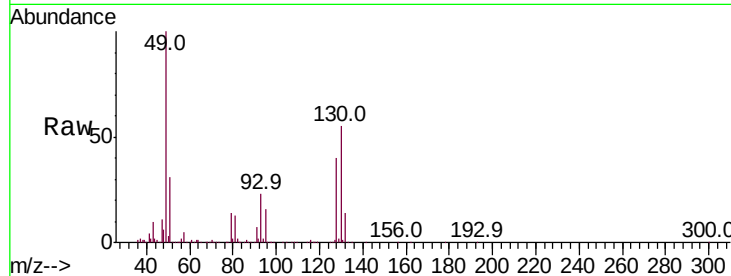
Tot Ion: 49 Resp: 828149

Ion Ratio Lower Upper

49 100

128 48.9 23.4 70.2

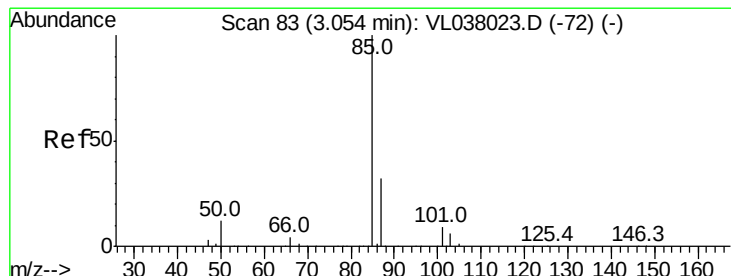
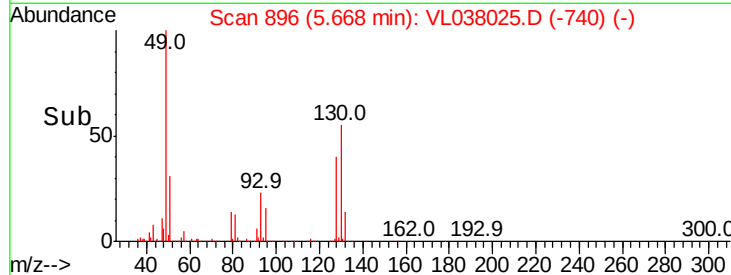
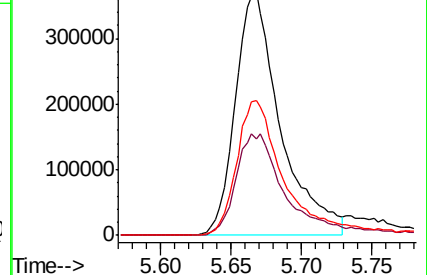
130 61.3 29.1 87.3



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 1.553 ppbv

RT: 3.06 min Scan# 84

Delta R.T. 0.00 min

Lab File: VL038025.D

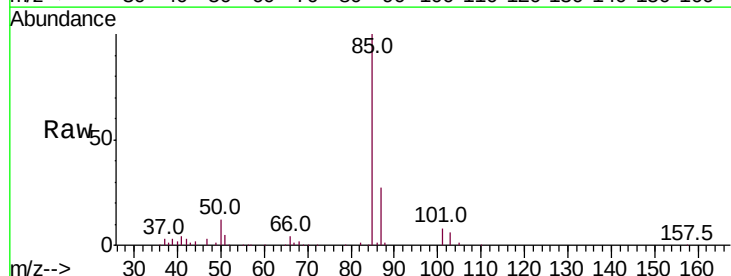
Acq: 16 Nov 2021 3:06

Tgt Ion: 85 Resp: 193325

Ion Ratio Lower Upper

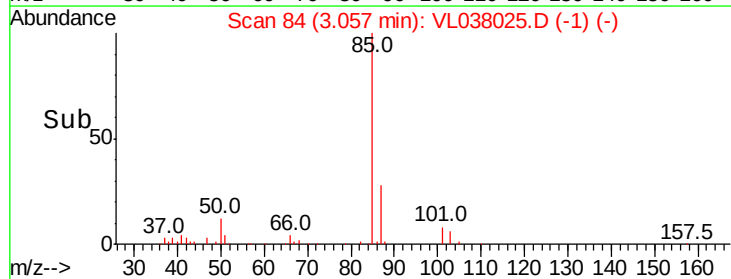
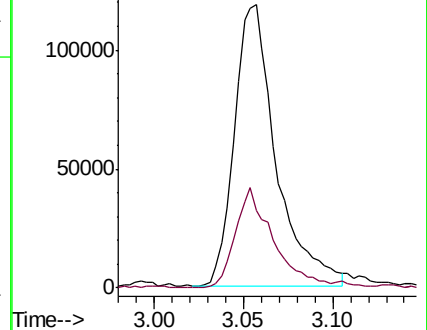
85 100

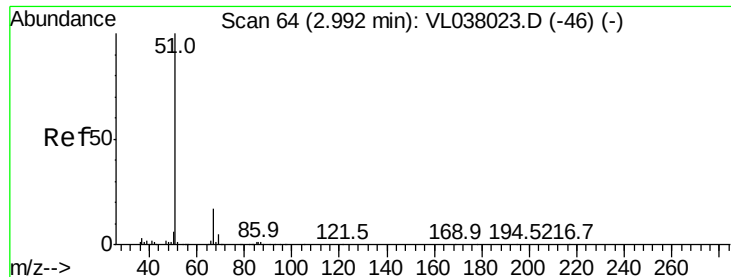
87 27.7 25.9 38.9



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 1.416 ppbv

RT: 2.99 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

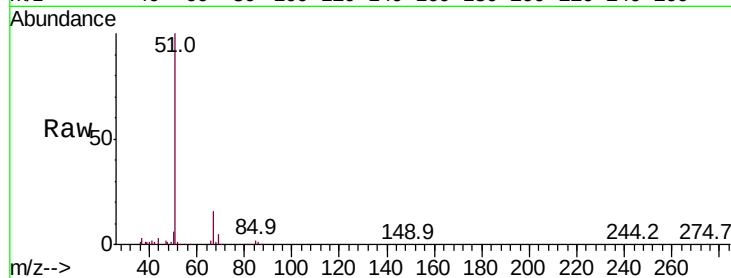
Acq: 16 Nov 2021 3:00

Tot Ion: 51 Resp: 232799

Ion Ratio Lower Upper

51 100

67 17.0 13.5 20.3



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0

150000

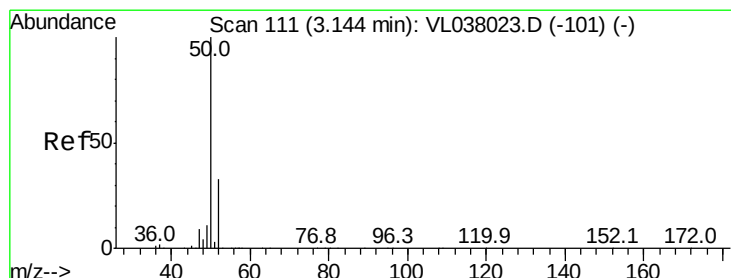
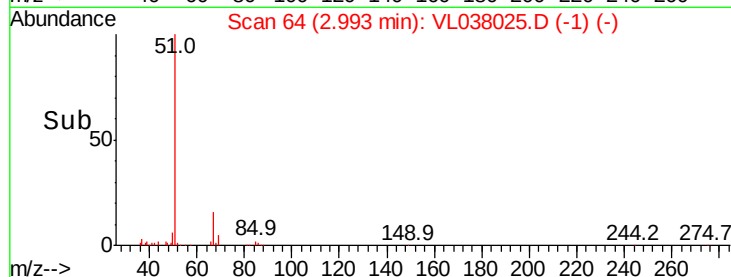
2.99

100000

50000

0

Time--> 2.90 3.00 3.10



#4

Chloromethane

Concen: 1.338 ppbv

RT: 3.15 min Scan# 113

Delta R.T. 0.01 min

Lab File: VL038025.D

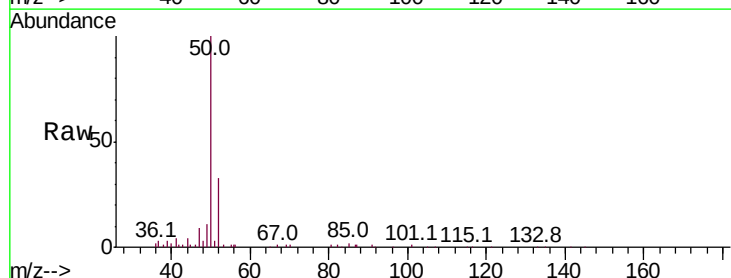
Acq: 16 Nov 2021 3:06

Tgt Ion: 50 Resp: 82862

Ion Ratio Lower Upper

50 100

52 32.9 26.4 39.6



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0

50000

3.15

40000

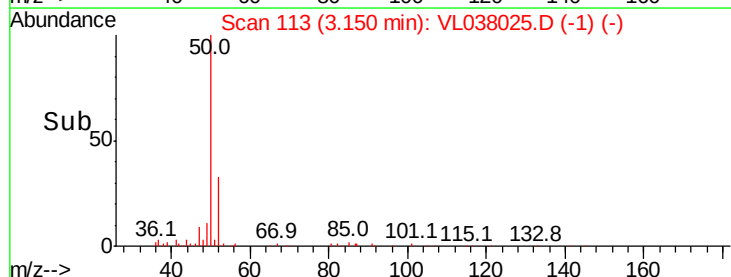
30000

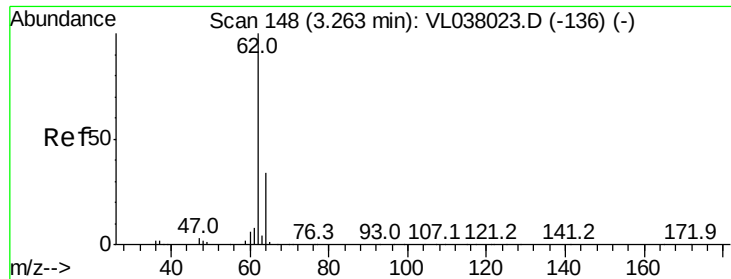
20000

10000

0

Time--> 3.10 3.15 3.20





#5

Vinyl Chloride

Concen: 1.291 ppbv

RT: 3.26 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

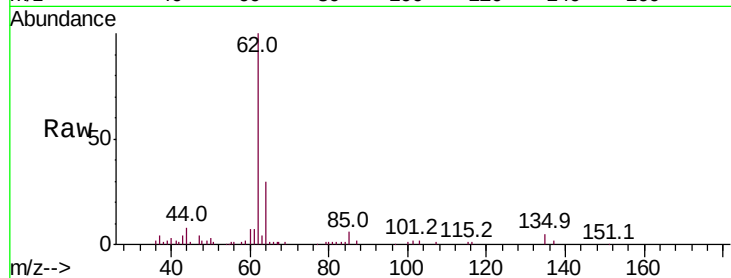
Acq: 16 Nov 2021 3:00

Tot Ion: 62 Resp: 76061

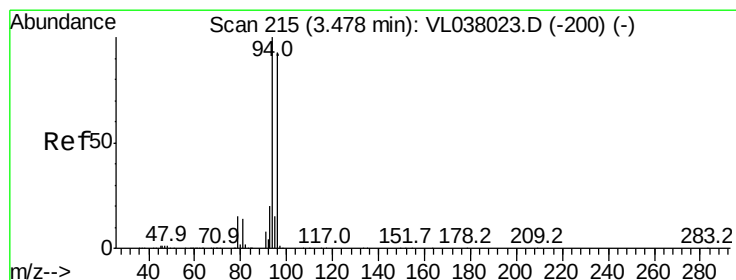
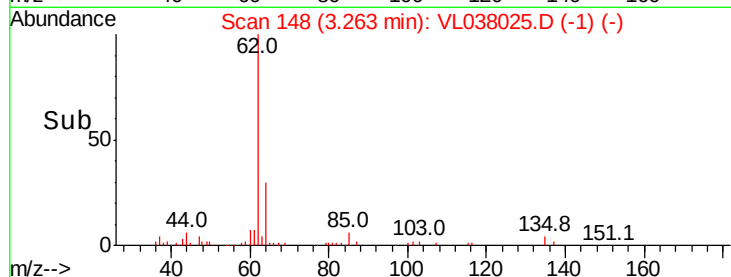
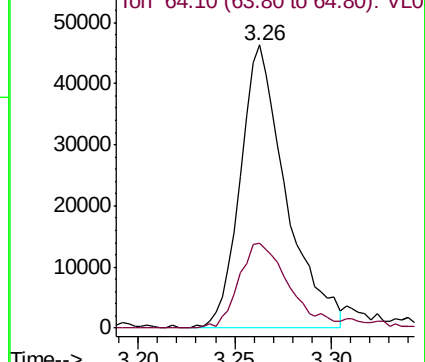
Ion Ratio Lower Upper

62 100

64 30.2 27.4 41.0



Abundance Ion 62.10 (61.80 to 62.80): VL0



#6

Bromomethane

Concen: 1.246 ppbv

RT: 3.48 min Scan# 215

Delta R.T. 0.00 min

Lab File: VL038025.D

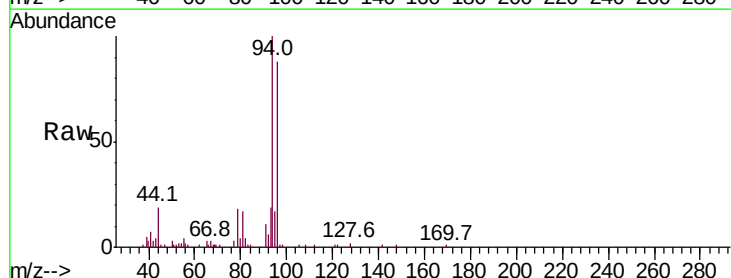
Acq: 16 Nov 2021 3:06

Tgt Ion: 94 Resp: 39683

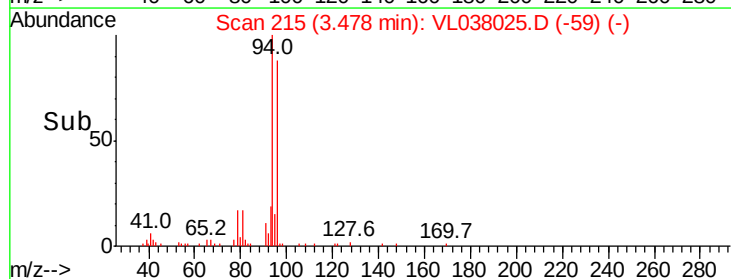
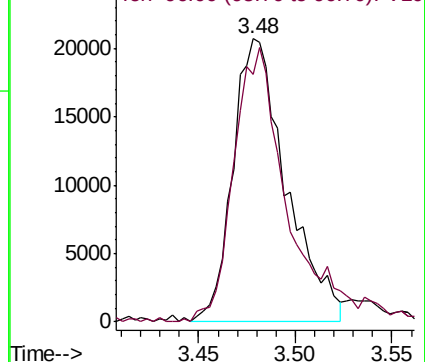
Ion Ratio Lower Upper

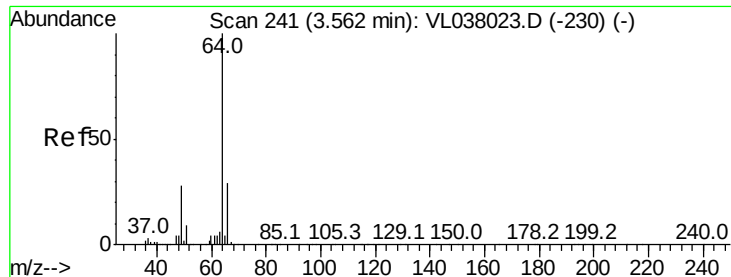
94 100

96 87.6 74.8 112.2



Abundance Ion 94.00 (93.70 to 94.70): VL0





#7

Chloroethane

Concen: 0.581 ppbv

RT: 3.56 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

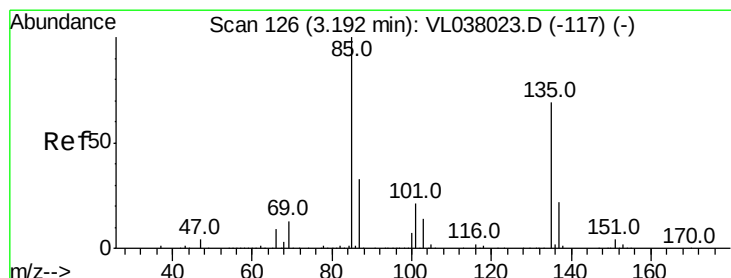
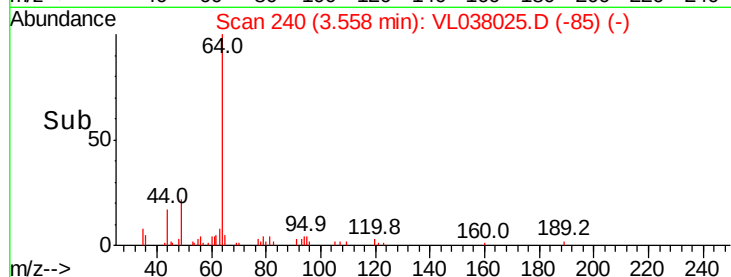
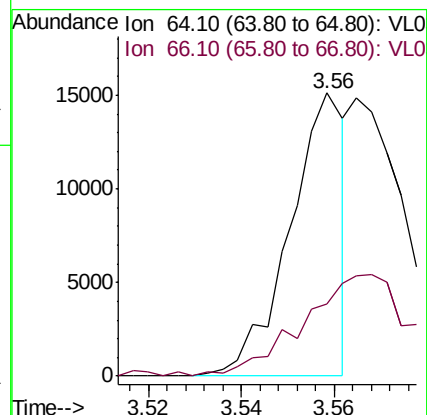
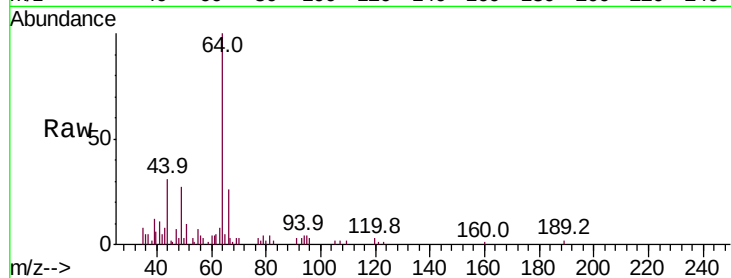
Acq: 16 Nov 2021 3:00

Tot Ion: 64 Resp: 12426

Ion Ratio Lower Upper

64 100

66 25.7 23.1 34.7



#8

Dichlorotetrafluoroethane

Concen: 1.376 ppbv

RT: 3.19 min Scan# 126

Delta R.T. 0.00 min

Lab File: VL038025.D

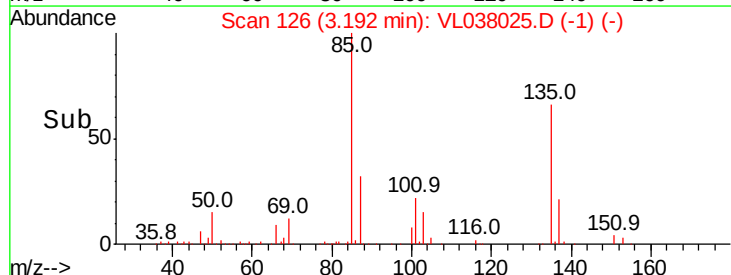
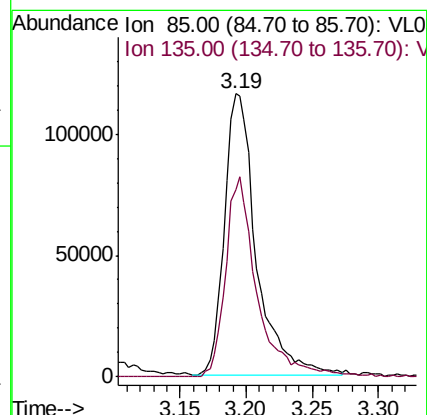
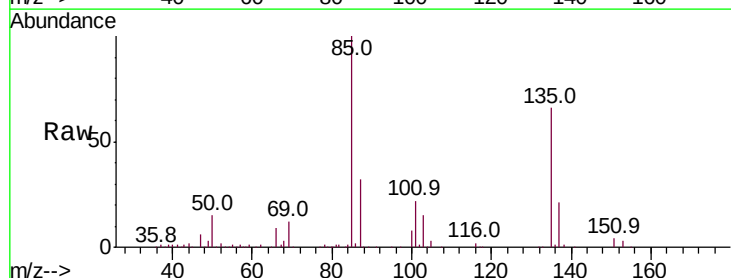
Acq: 16 Nov 2021 3:06

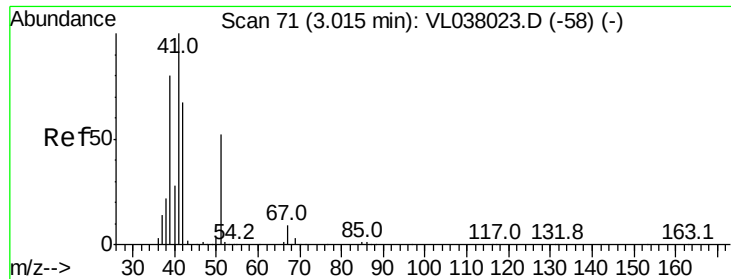
Tgt Ion: 85 Resp: 194372

Ion Ratio Lower Upper

85 100

135 70.7 57.0 85.6





#9

Propene

Concen: 1.470 ppbv

RT: 3.02 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

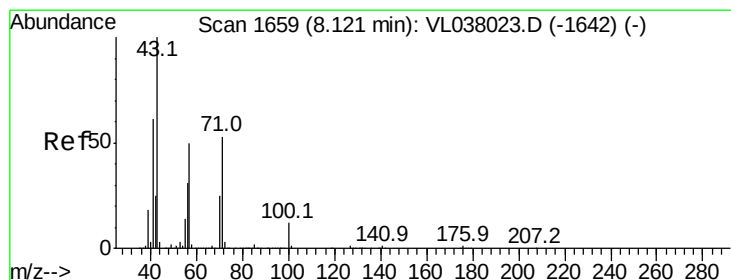
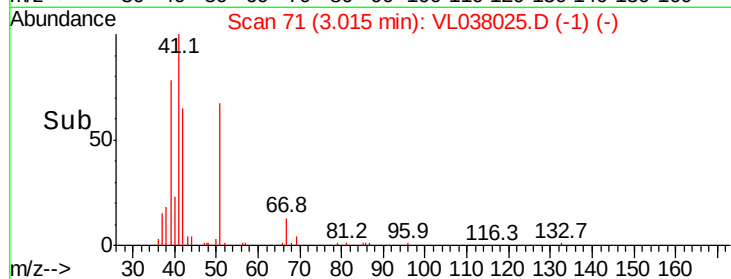
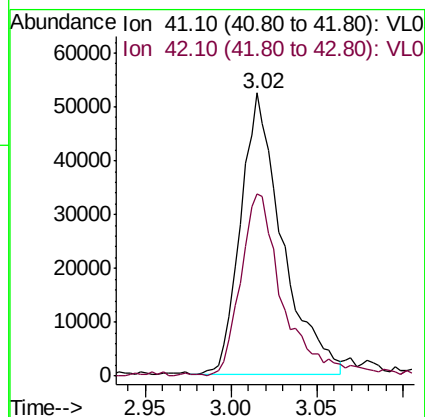
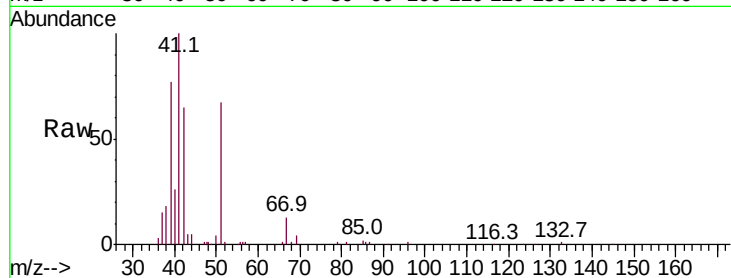
Acq: 16 Nov 2021 3:00

Tot Ion: 41 Resp: 88066

Ion Ratio Lower Upper

41 100

42 68.5 55.4 83.0



#10

Heptane

Concen: 1.549 ppbv

RT: 8.12 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VL038025.D

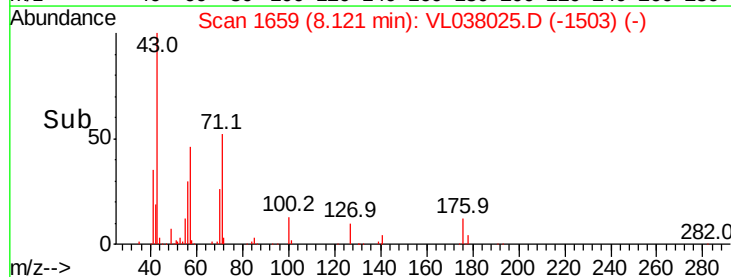
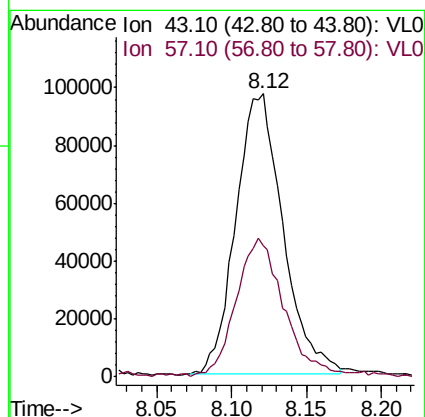
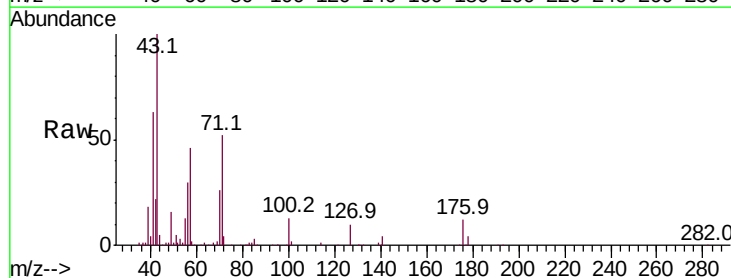
Acq: 16 Nov 2021 3:06

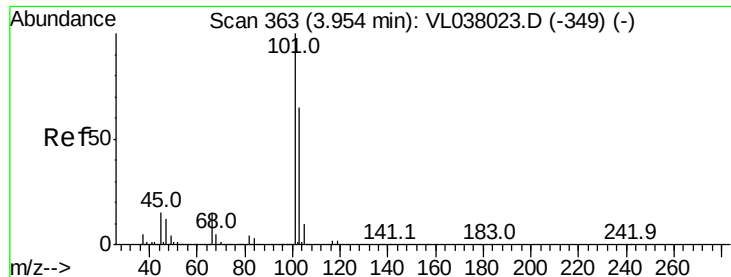
Tgt Ion: 43 Resp: 213906

Ion Ratio Lower Upper

43 100

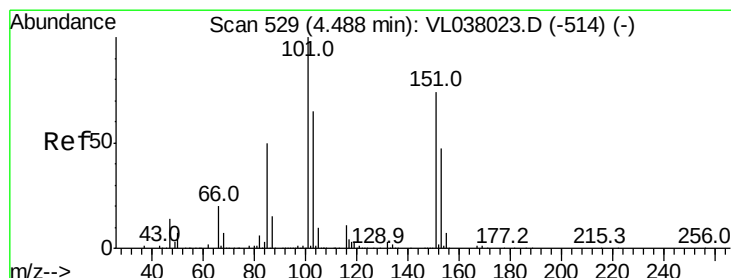
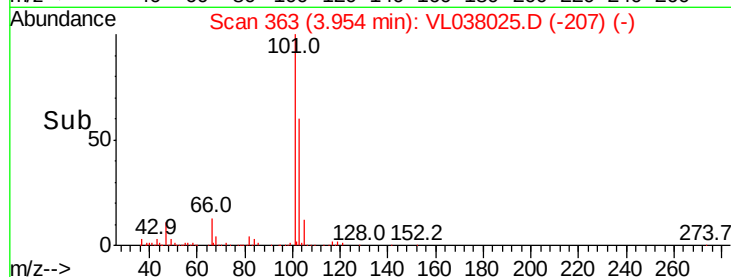
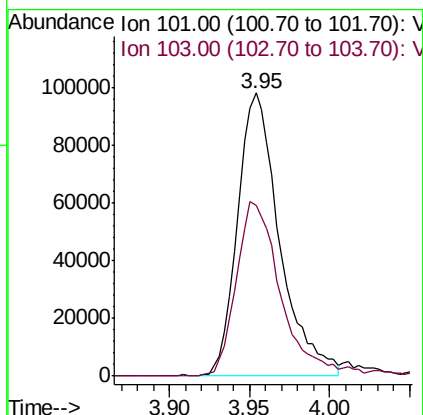
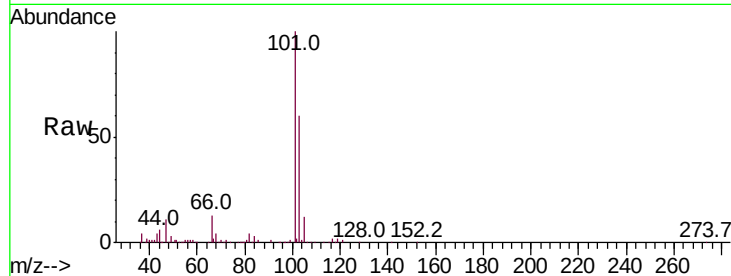
57 50.2 39.9 59.9





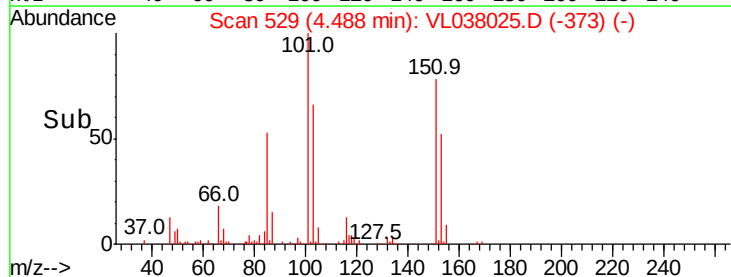
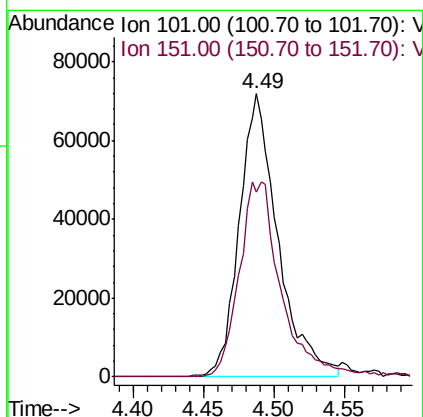
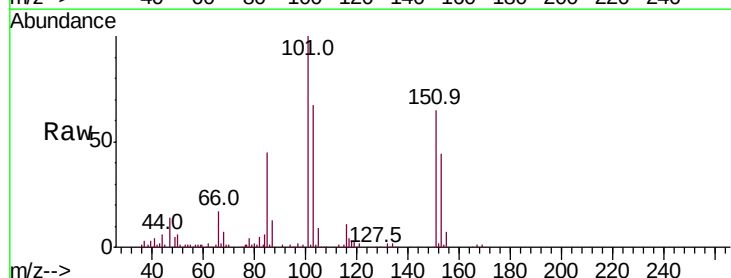
#11
 Trichlorofluoromethane
 Concen: 1.424 ppbv
 RT: 3.95 min
 Instrument: MSVOA_1
 Delta R.T.: 0.00 min
 Lab File: ClientSampleId :
 Acq: 16 Nov 2021 3:00

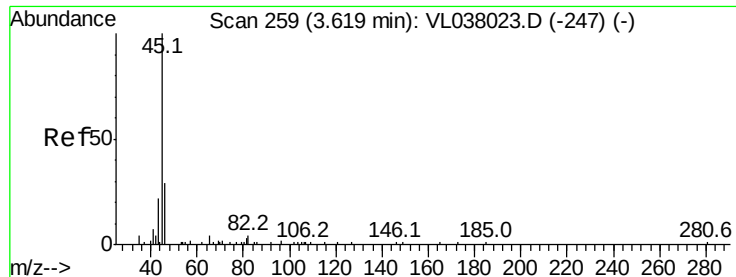
Tot Ion:101 Resp: 175965
 Ion Ratio Lower Upper
 101 100
 103 60.2 52.3 78.5



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 1.430 ppbv
 RT: 4.49 min Scan# 529
 Delta R.T.: 0.00 min
 Lab File: VL038025.D
 Acq: 16 Nov 2021 3:06

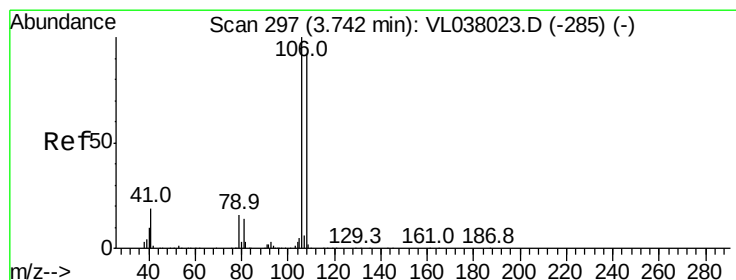
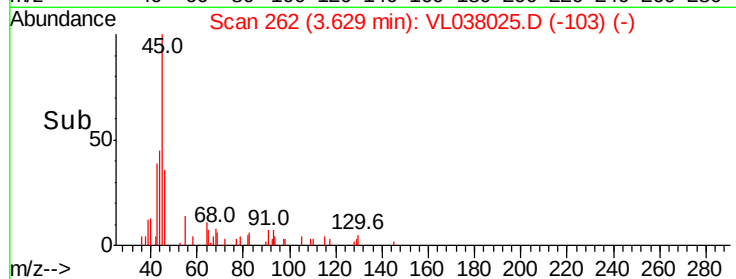
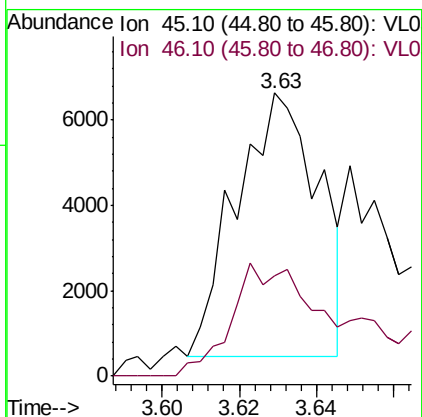
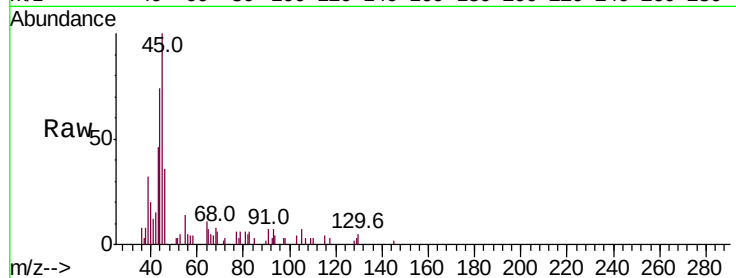
Tgt Ion:101 Resp: 138003
 Ion Ratio Lower Upper
 101 100
 151 75.5 57.9 86.9





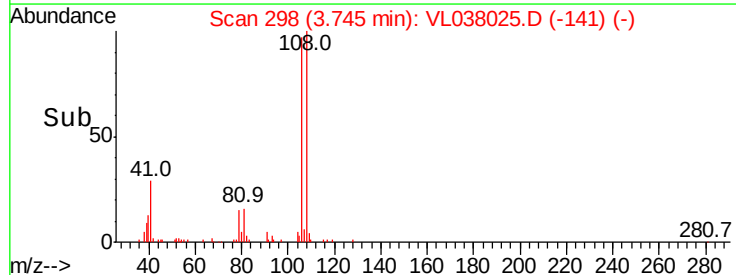
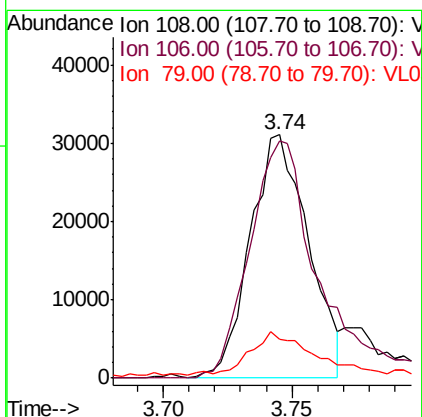
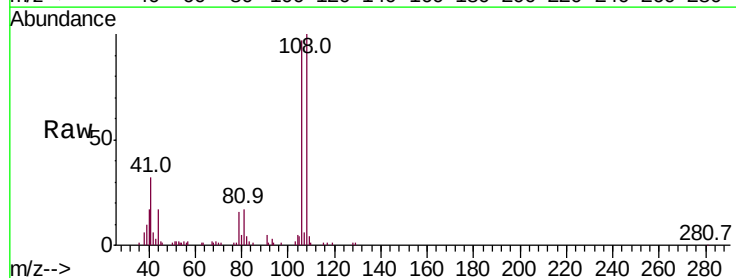
#13
 Ethanol
 Concen: 1.576 ppbv
 RT: 3.63
 Delta R.T. MSVOA_1
 Lab File: ClientSampleId :
 Acq: 16 Nov 2021 3:00

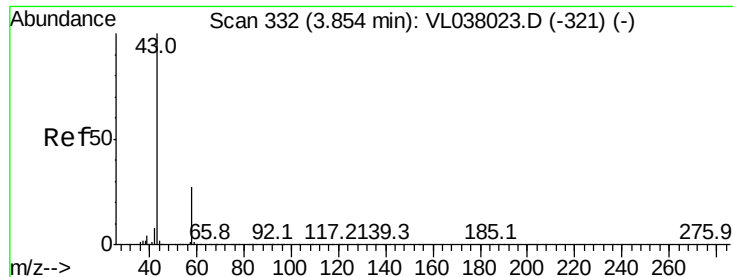
Tot Ion: 45 Resp: 9174
 Ion Ratio Lower Upper
 45 100
 46 65.0 15.5 61.9#



#14
 Bromoethene
 Concen: 1.182 ppbv
 RT: 3.74 min Scan# 298
 Delta R.T. 0.00 min
 Lab File: VL038025.D
 Acq: 16 Nov 2021 3:06

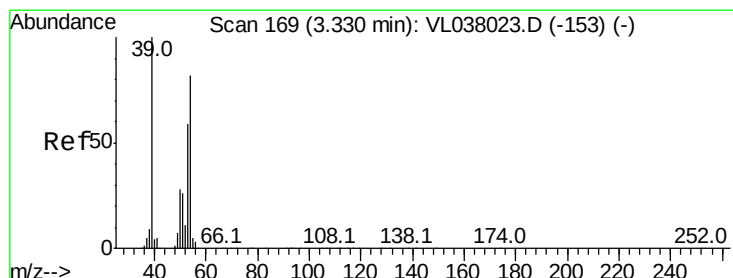
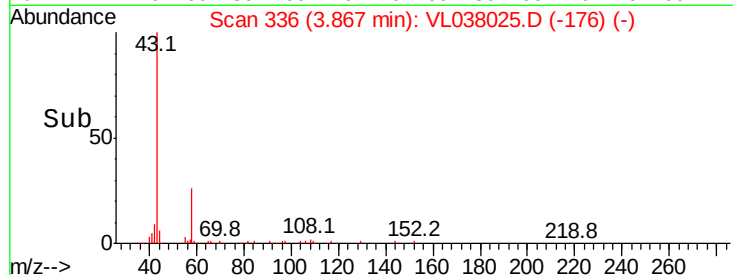
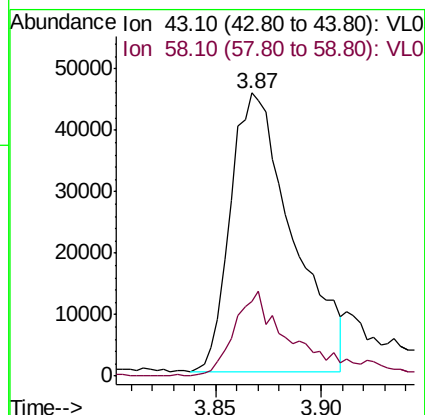
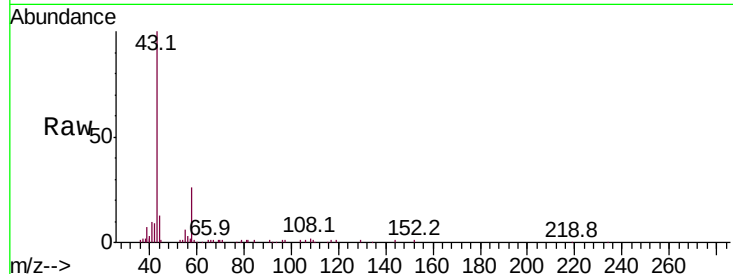
Tgt Ion:108 Resp: 49010
 Ion Ratio Lower Upper
 108 100
 106 122.2 90.4 135.6
 79 25.7 14.1 21.1#





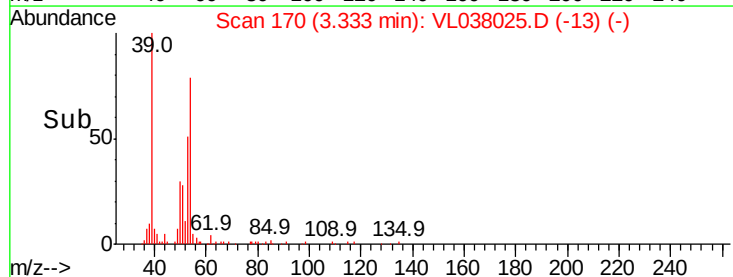
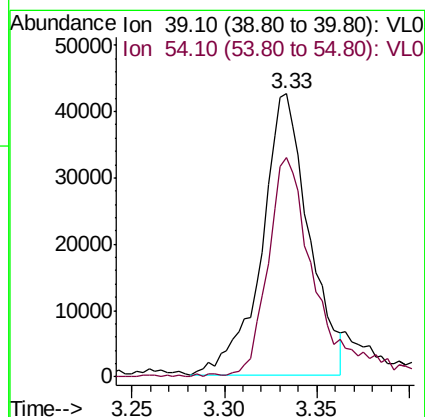
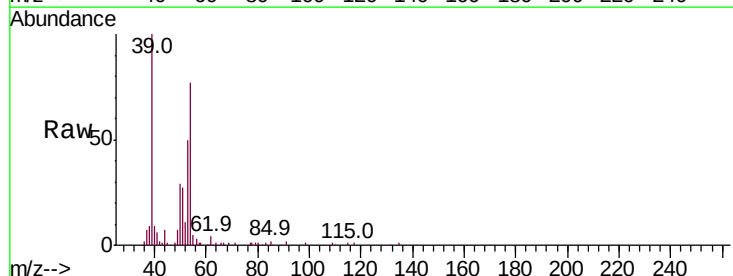
#15
Acetone
Concen: 1.279 ppbv
RT: 3.87
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 16 Nov 2021 3:00

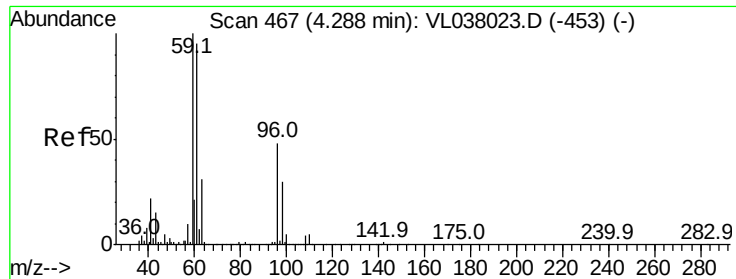
Tot Ion: 43 Resp: 92814
Ion Ratio Lower Upper
43 100
58 32.2 22.6 33.8



#16
1,3-Butadiene
Concen: 1.309 ppbv
RT: 3.33 min Scan# 170
Delta R.T. 0.00 min
Lab File: VL038025.D
Acq: 16 Nov 2021 3:06

Tgt Ion: 39 Resp: 74582
Ion Ratio Lower Upper
39 100
54 80.9 63.8 95.8





#17

tert-Butyl alcohol

Concen: 1.594 ppbv

RT: 4.31 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

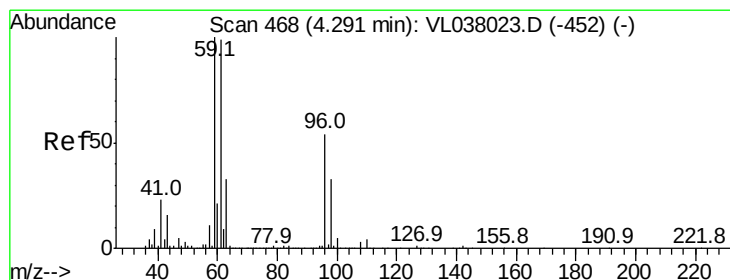
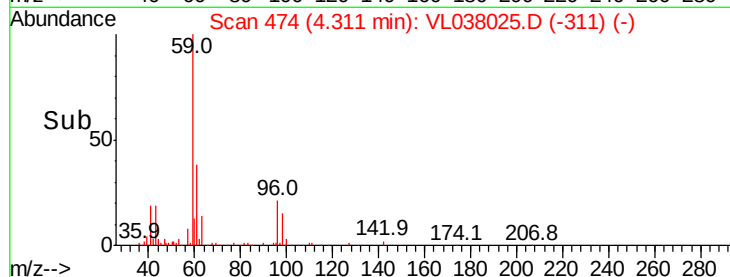
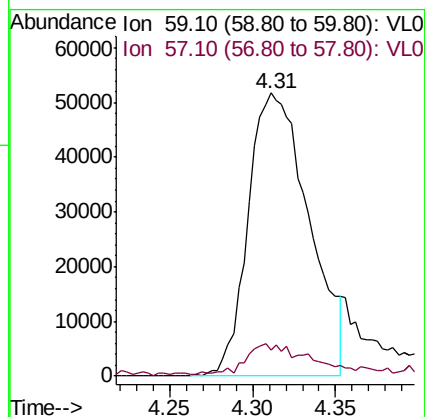
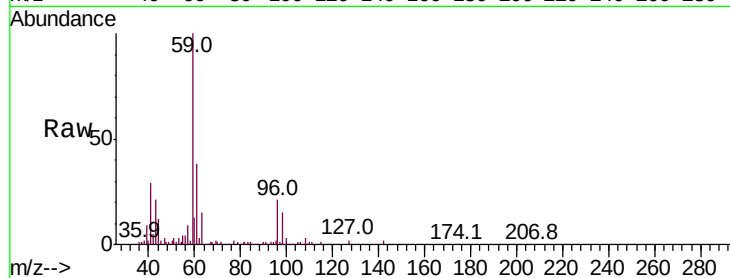
Acq: 16 Nov 2021 3:00

Tot Ion: 59 Resp: 131790

Ion Ratio Lower Upper

59 100

57 14.2 8.7 13.1#



#18

1,1-Dichloroethene

Concen: 1.245 ppbv

RT: 4.29 min Scan# 468

Delta R.T. 0.00 min

Lab File: VL038025.D

Acq: 16 Nov 2021 3:06

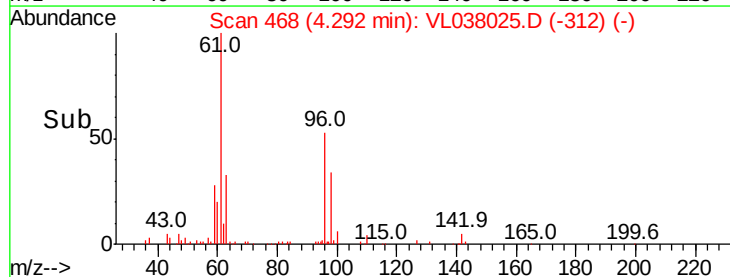
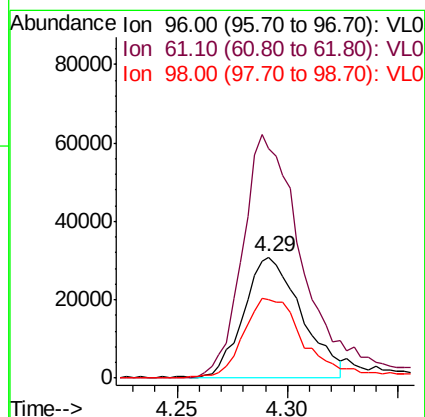
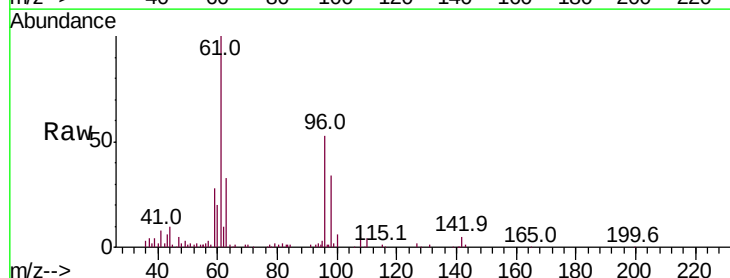
Tgt Ion: 96 Resp: 55571

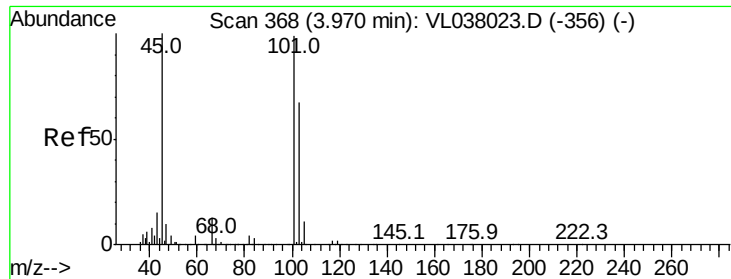
Ion Ratio Lower Upper

96 100

61 190.1 145.2 217.8

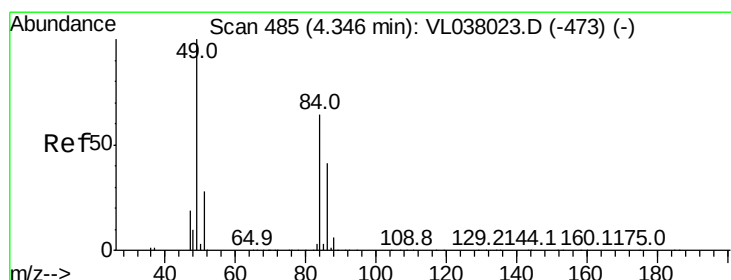
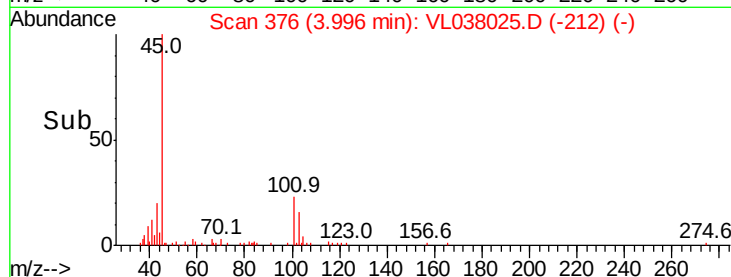
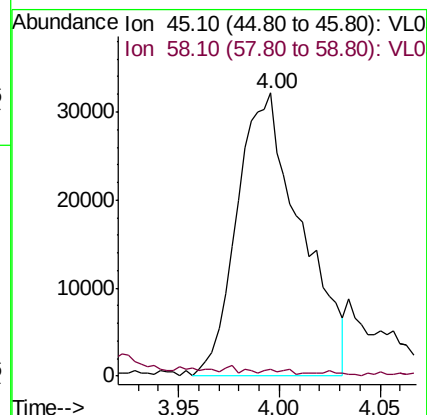
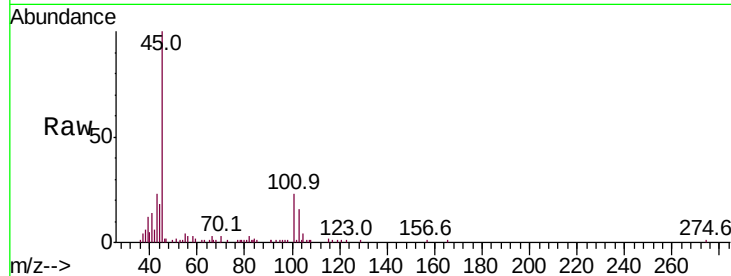
98 63.7 48.8 73.2





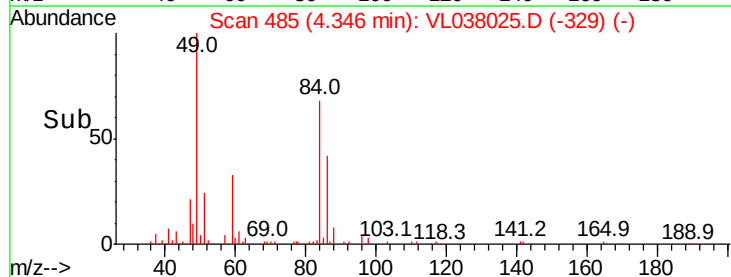
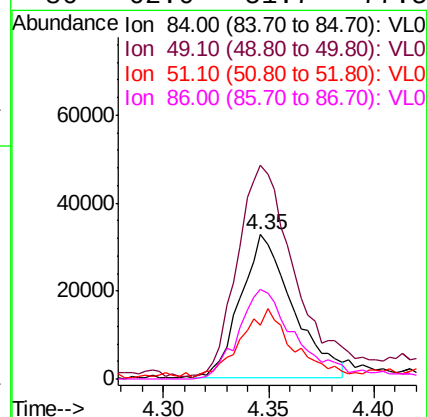
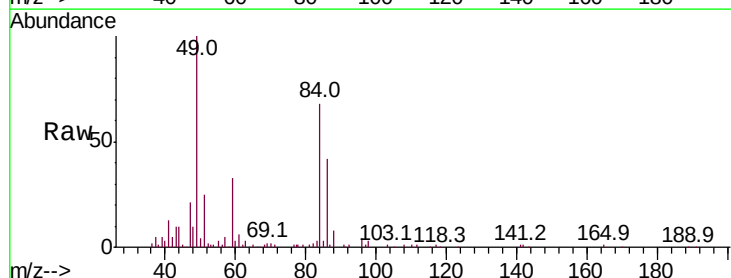
#19
Isopropyl Alcohol
Concen: 1.485 ppbv
RT: 4.00
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 16 Nov 2021 3:00

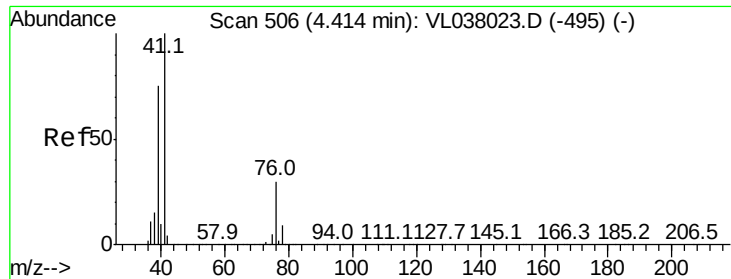
Tot Ion: 45 Resp: 70870
Ion Ratio Lower Upper
45 100
58 42.1 29.4 44.0



#20
Methylene Chloride
Concen: 1.428 ppbv
RT: 4.35 min Scan# 485
Delta R.T.: 0.00 min
Lab File: VL038025.D
Acq: 16 Nov 2021 3:06

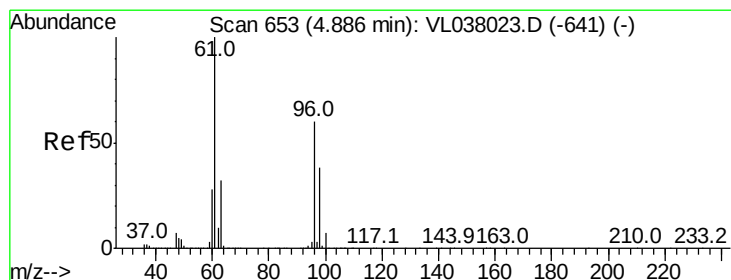
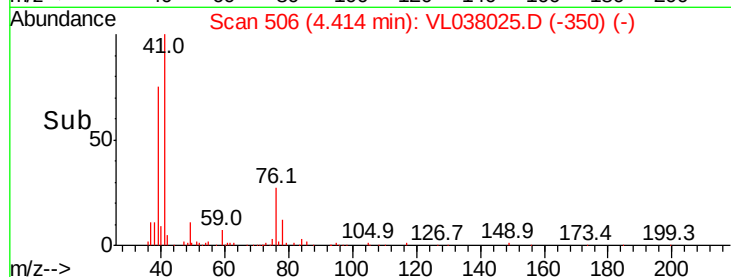
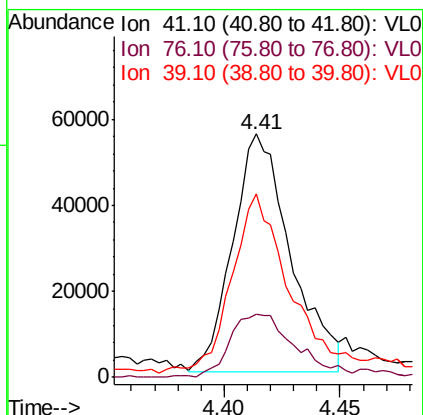
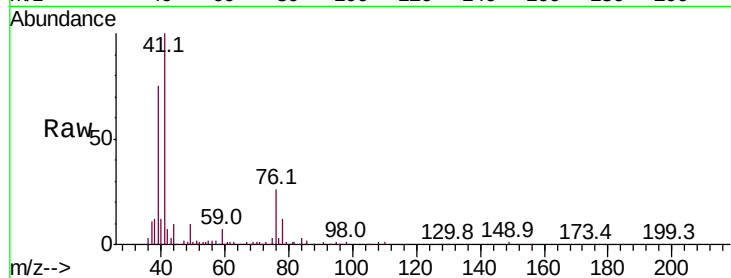
Tgt Ion: 84 Resp: 56887
Ion Ratio Lower Upper
84 100
49 146.0 125.1 187.7
51 36.4 35.3 52.9
86 62.0 51.7 77.5





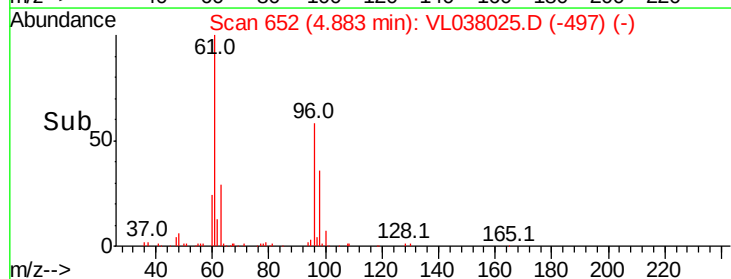
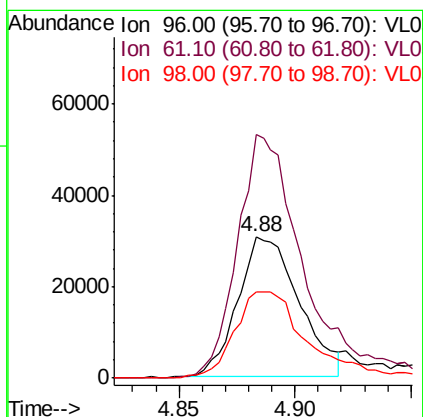
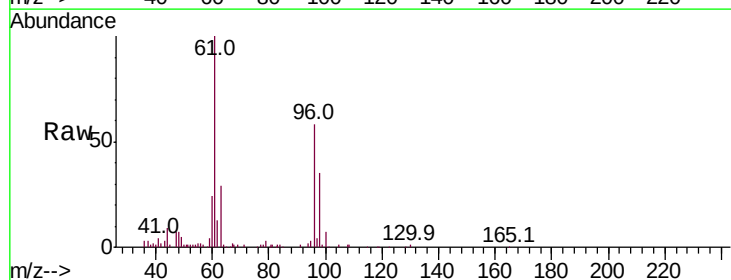
#21
 Allvl Chloride
 Concen: 1.398 ppbv
 RT: 4.41 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 16 Nov 2021 3:00

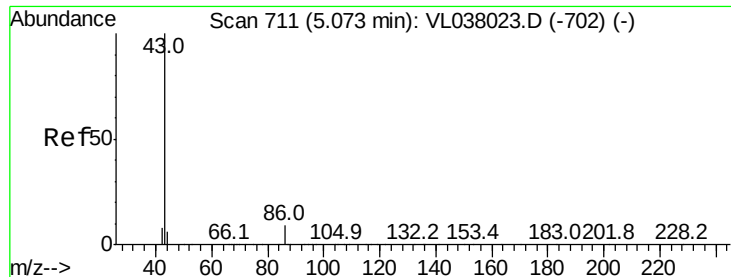
Tot Ion	41	Resp	96009
Ion Ratio	100	Lower	Upper
76	32.4	24.6	37.0
39	83.6	60.6	90.8



#22
 trans-1,2-Dichloroethene
 Concen: 1.253 ppbv
 RT: 4.88 min Scan# 652
 Delta R.T. -0.00 min
 Lab File: VL038025.D
 Acq: 16 Nov 2021 3:06

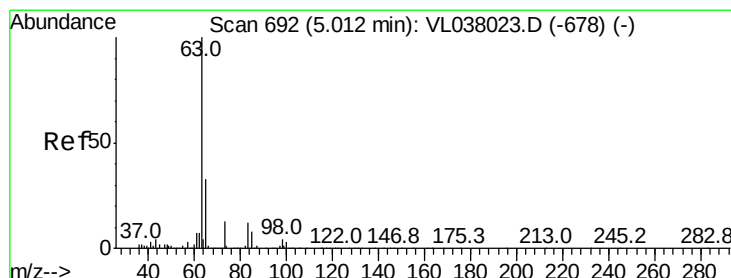
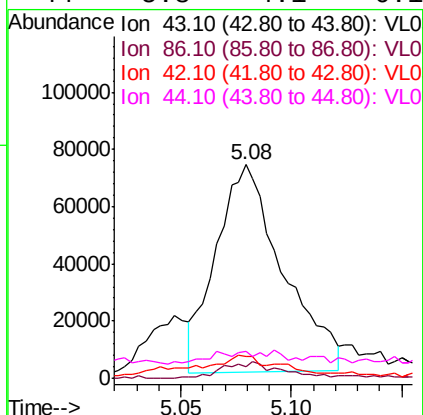
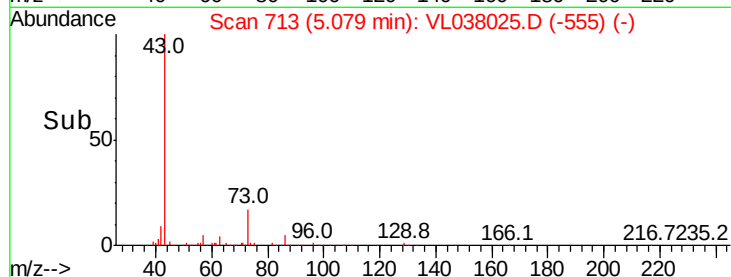
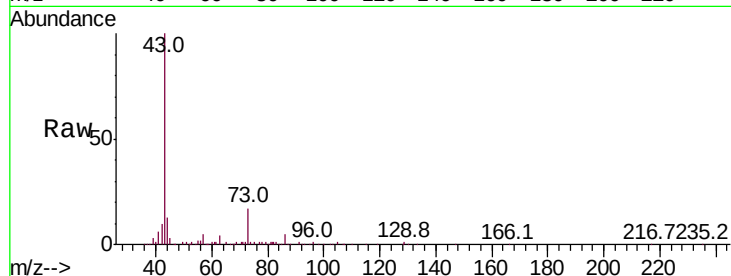
Tgt Ion	96	Resp	56279
Ion Ratio	100	Lower	Upper
61	172.4	134.2	201.4
98	59.3	51.3	76.9





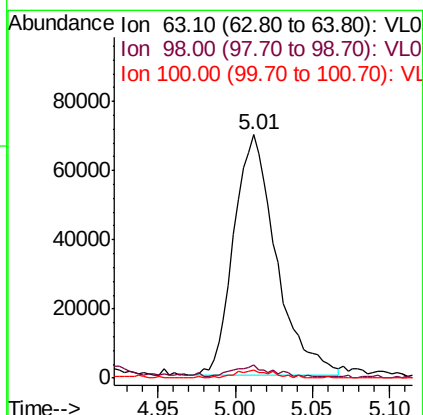
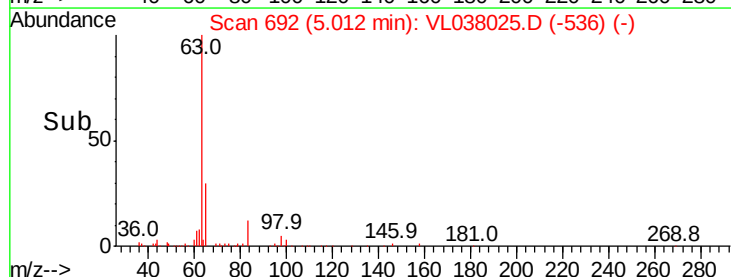
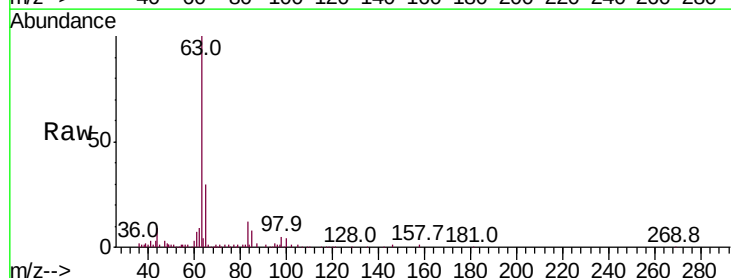
#23
 Vinyl Acetate
 Concen: 1.342 ppbv
 RT: 5.08
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 16 Nov 2021 3:00

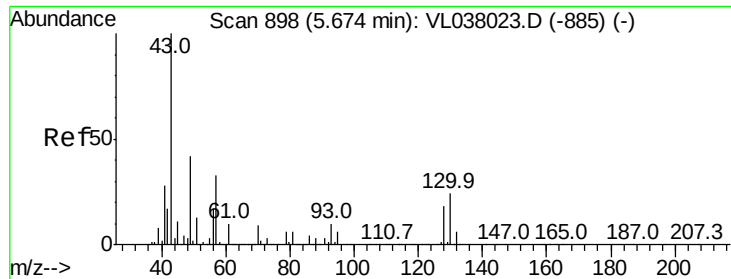
Tot Ion:	43	Resp:	152292
Ion	Ratio	Lower	Upper
43	100		
86	5.0	5.9	8.9#
42	9.2	7.4	11.2
44	5.8	4.1	6.1



#24
 1,1-Dichloroethane
 Concen: 1.439 ppbv
 RT: 5.01 min Scan# 692
 Delta R.T.: 0.00 min
 Lab File: VL038025.D
 Acq: 16 Nov 2021 3:06

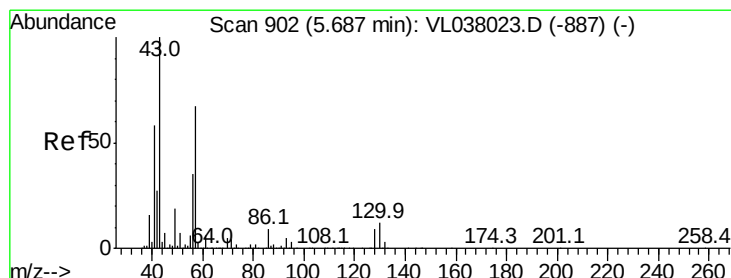
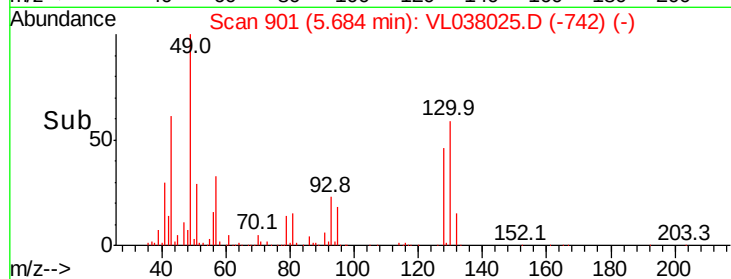
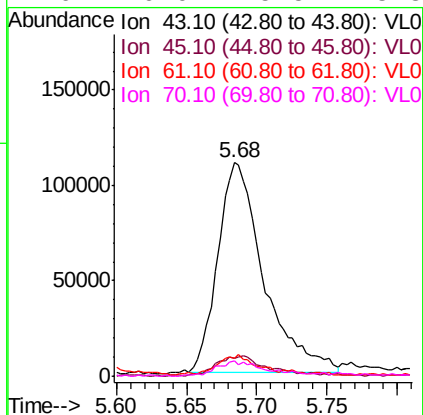
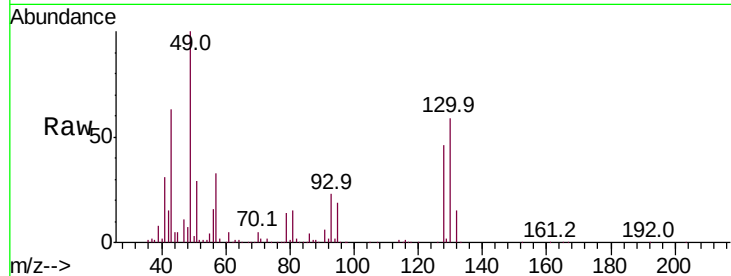
Tgt Ion:	63	Resp:	132522
Ion	Ratio	Lower	Upper
63	100		
98	4.3	2.3	6.9
100	3.6	1.5	4.4





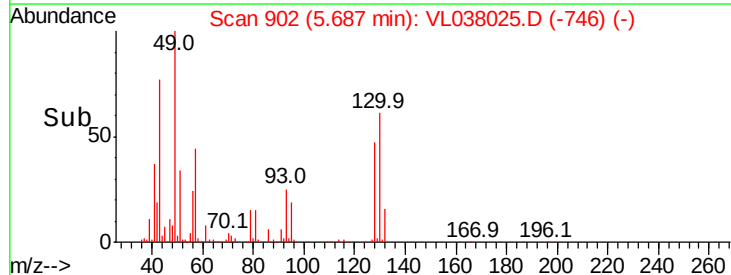
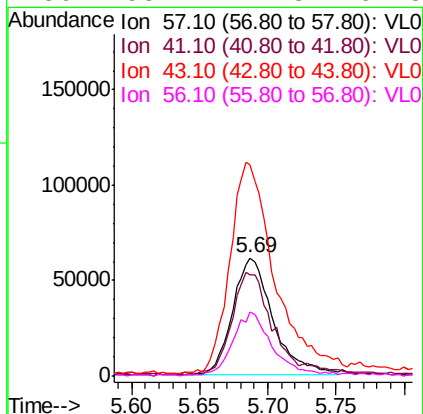
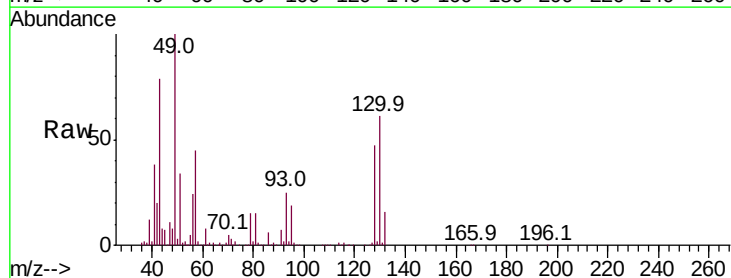
#25
Ethyl Acetate
Concen: 1.214 ppbv
RT: 5.68 min
Delta R.T. MSVOA_1
Lab File: ClientSampleId :
Acq: 16 Nov 2021 3:00

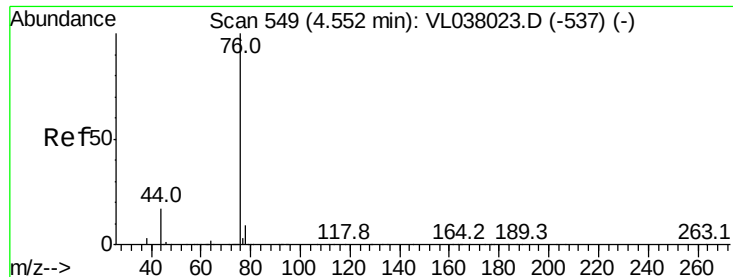
Tot Ion:	43	Resp:	249626
Ion	Ratio	Lower	Upper
43	100		
45	11.8	7.8	11.8#
61	11.4	7.7	11.5
70	10.0	5.5	8.3#



#26
Hexane
Concen: 1.304 ppbv
RT: 5.69 min Scan# 902
Delta R.T. 0.00 min
Lab File: VL038025.D
Acq: 16 Nov 2021 3:06

Tgt Ion:	57	Resp:	127687
Ion	Ratio	Lower	Upper
57	100		
41	92.3	70.8	106.2
43	209.4	169.4	254.0
56	55.7	41.8	62.8





#27

Carbon Disulfide

Concen: 1.503 ppbv

RT: 4.56 Instrument:

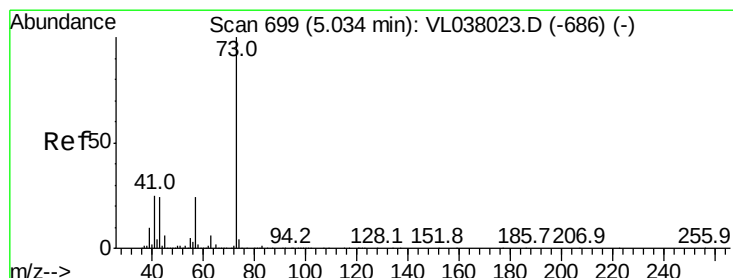
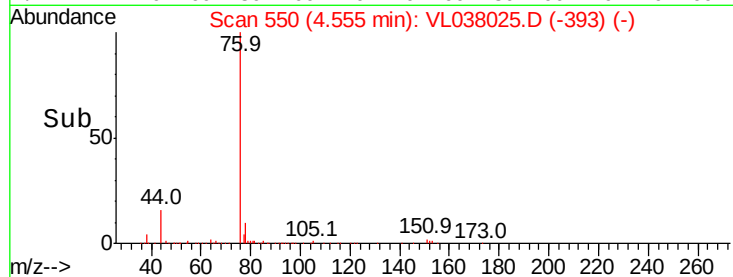
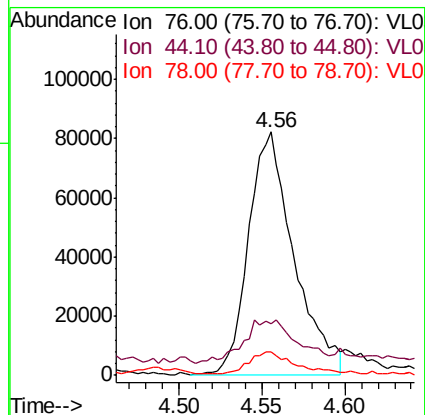
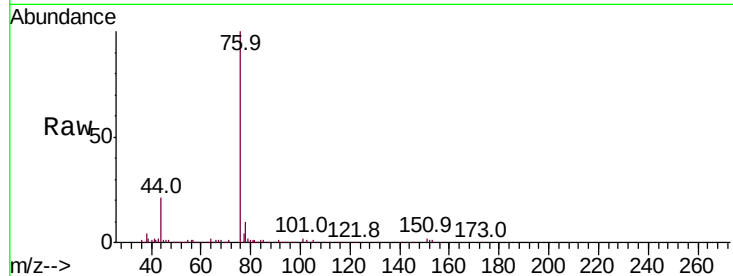
Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 16 Nov 2021 3:00

Tot Ion: 76 Resp: 155782

Ion	Ratio	Lower	Upper
76	100		
44	24.4	15.0	22.6#
78	10.7	7.8	11.6



#28

Methyl tert-Butyl Ether

Concen: 1.687 ppbv

RT: 5.05 min Scan# 703

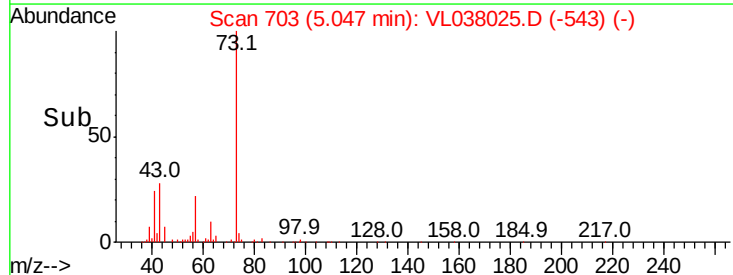
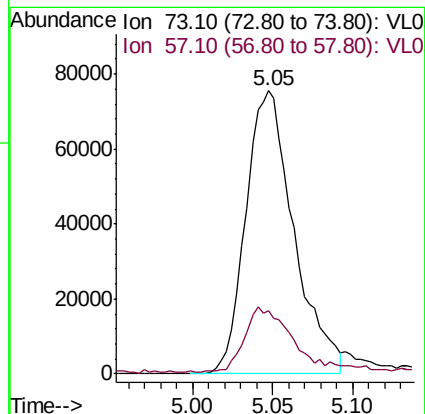
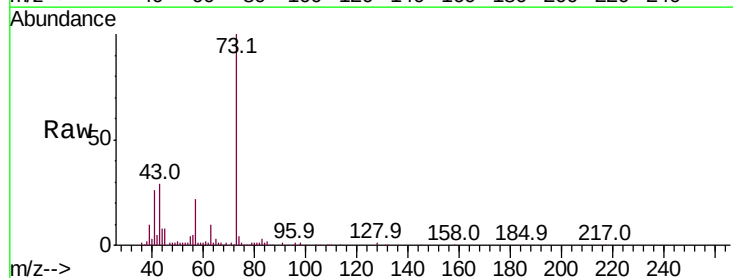
Delta R.T. 0.01 min

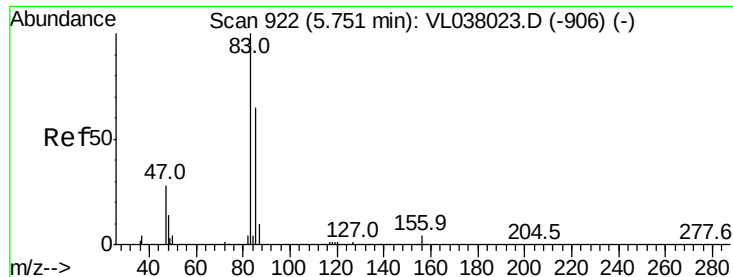
Lab File: VL038025.D

Acq: 16 Nov 2021 3:06

Tgt Ion: 73 Resp: 156110

Ion	Ratio	Lower	Upper
73	100		
57	24.5	19.1	28.7





#29

Chloroform

Concen: 1.324 ppbv

RT: 5.75 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

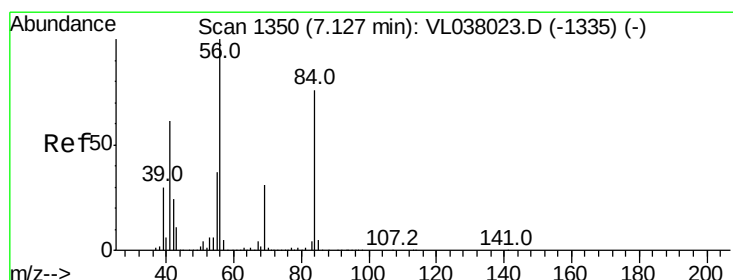
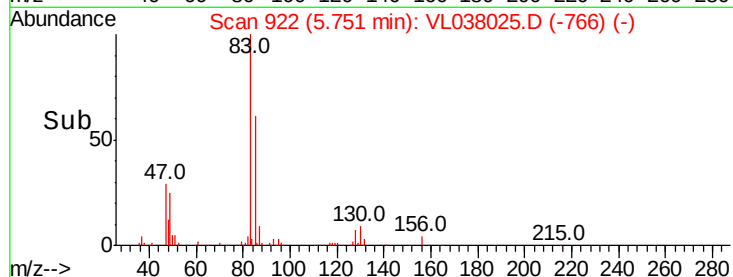
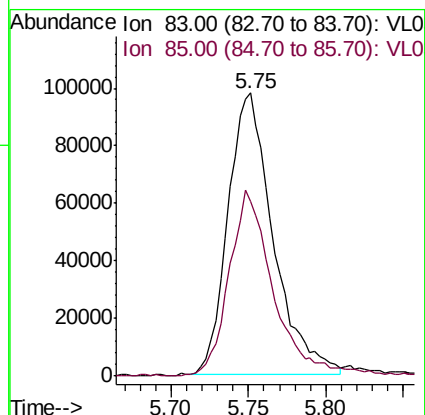
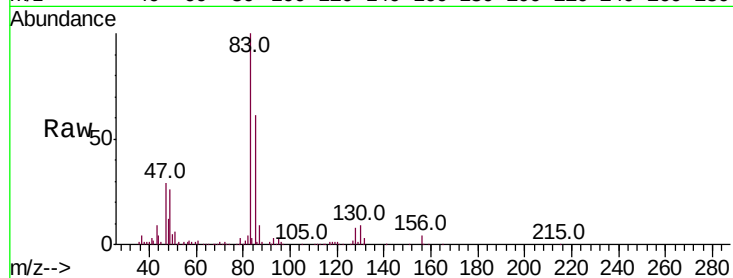
Acq: 16 Nov 2021 3:00

Tot Ion: 83 Resp: 198832

Ion Ratio Lower Upper

83 100

85 61.2 52.1 78.1



#30

Cyclohexane

Concen: 1.526 ppbv

RT: 7.12 min Scan# 1349

Delta R.T. -0.00 min

Lab File: VL038025.D

Acq: 16 Nov 2021 3:06

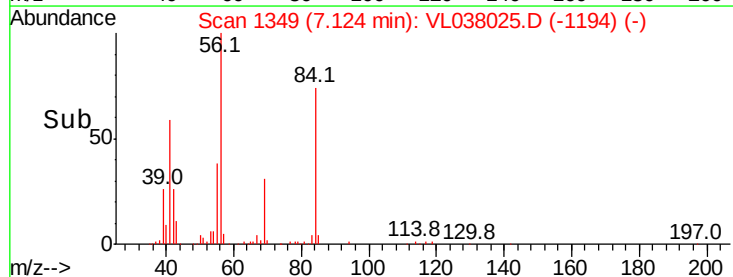
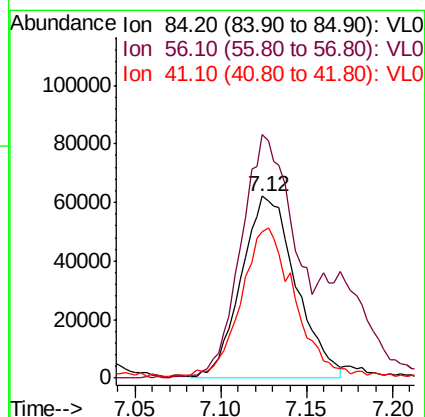
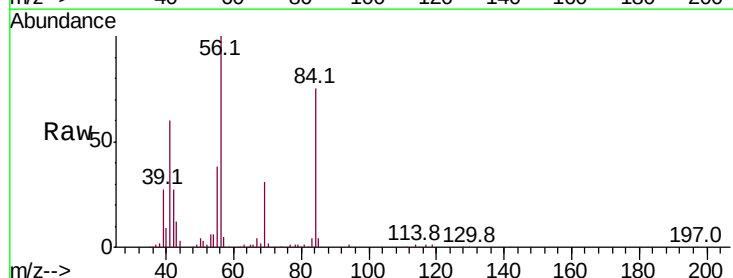
Tgt Ion: 84 Resp: 136352

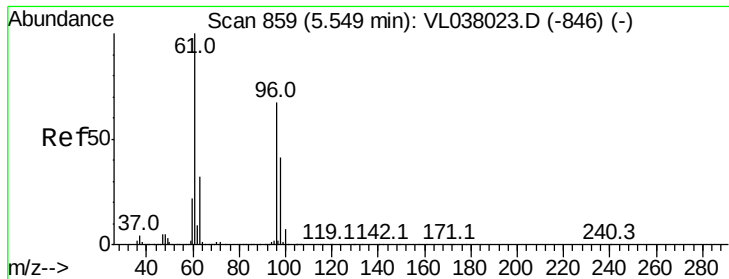
Ion Ratio Lower Upper

84 100

56 186.9 109.4 164.2#

41 80.0 65.8 98.6





#31

cis-1,2-Dichloroethene

Concen: 1.077 ppbv

RT: 5.55 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 16 Nov 2021 3:00

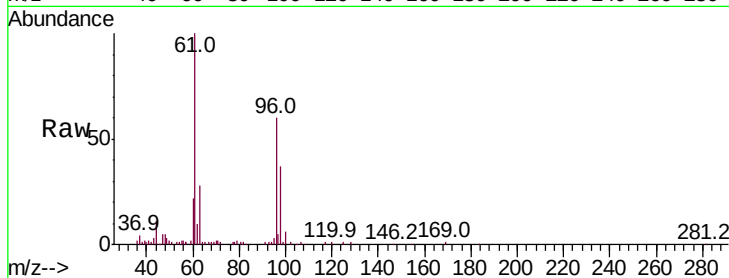
Tot Ion: 61 Resp: 94765

Ion Ratio Lower Upper

61 100

96 59.5 53.9 80.9

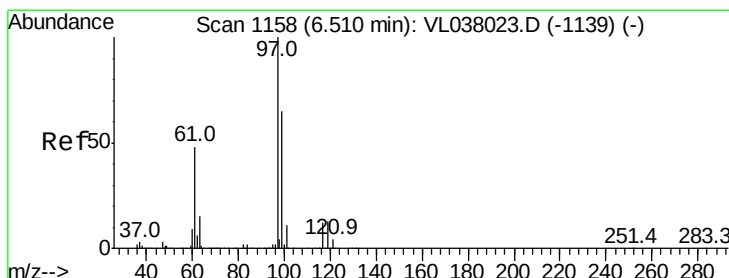
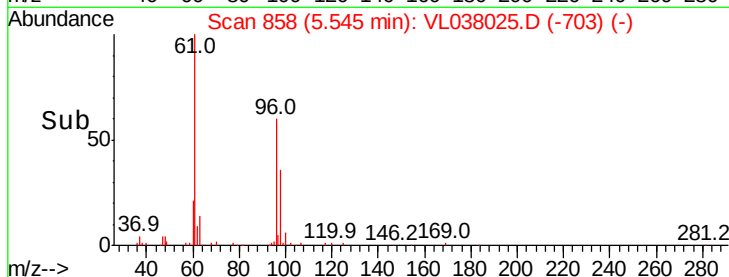
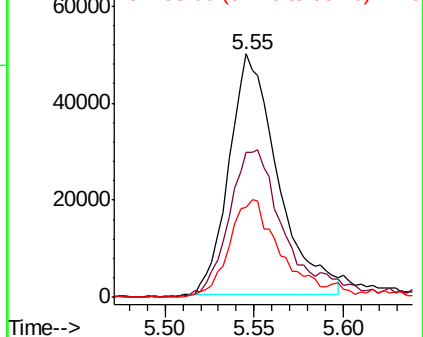
98 36.6 32.8 49.2



Abundance Ion 61.10 (60.80 to 61.80): VL0

Ion 96.00 (95.70 to 96.70): VL0

Ion 98.00 (97.70 to 98.70): VL0



#32

1,1,1-Trichloroethane

Concen: 1.511 ppbv

RT: 6.51 min Scan# 1158

Delta R.T. 0.00 min

Lab File: VL038025.D

Acq: 16 Nov 2021 3:06

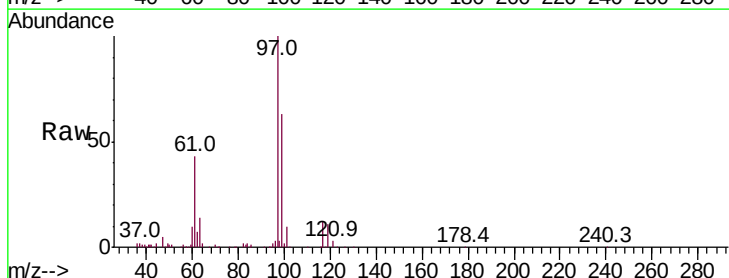
Tgt Ion: 97 Resp: 226589

Ion Ratio Lower Upper

97 100

99 65.2 51.9 77.9

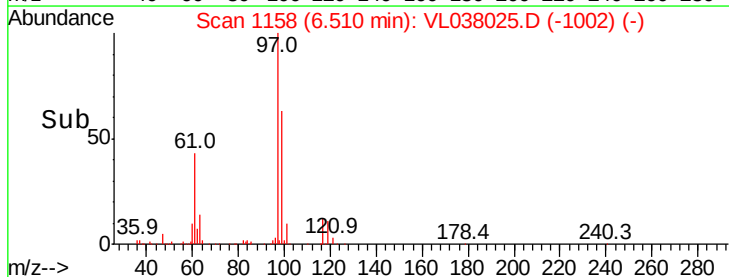
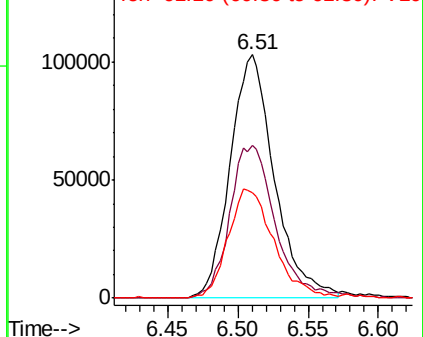
61 47.2 37.9 56.9

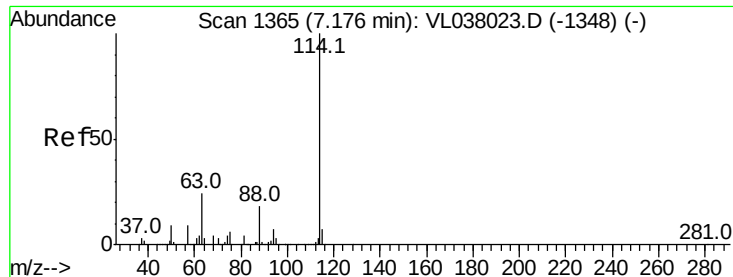


Abundance Ion 97.00 (96.70 to 97.70): VL0

Ion 99.00 (98.70 to 99.70): VL0

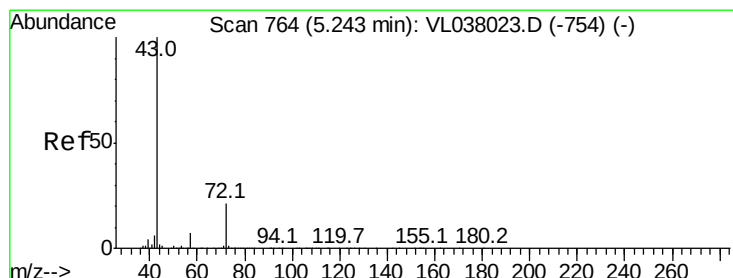
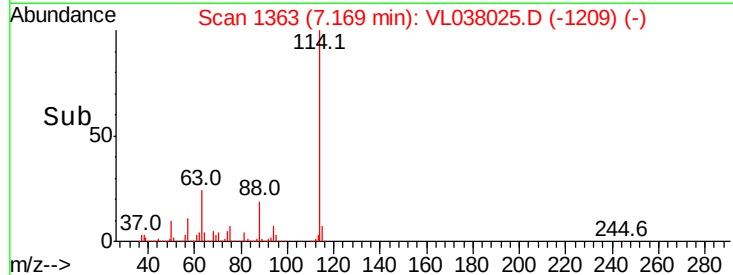
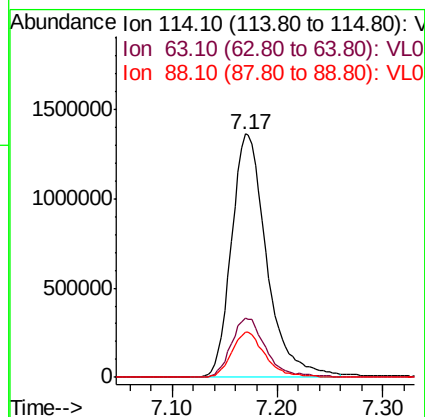
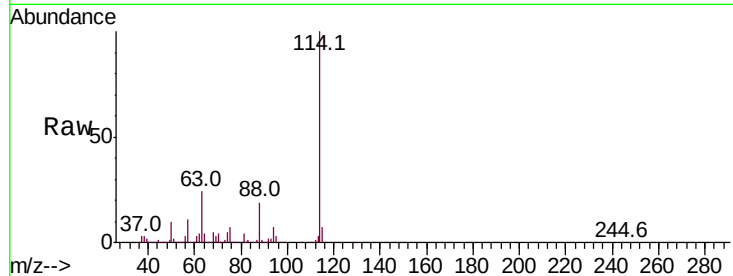
Ion 61.10 (60.80 to 61.80): VL0





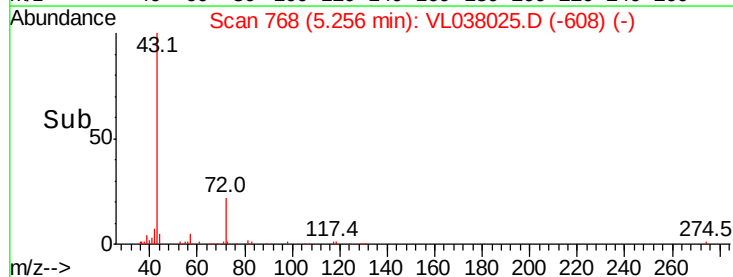
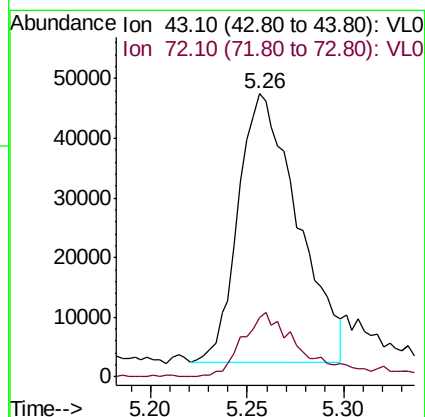
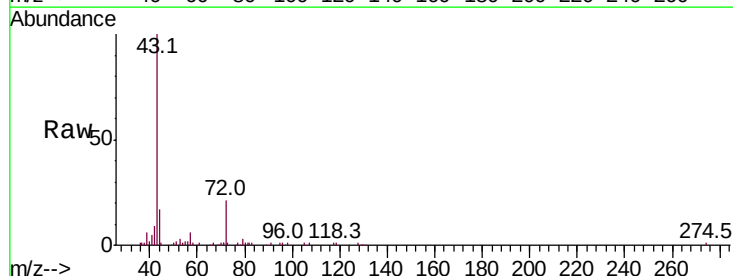
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 16 Nov 2021 3:00

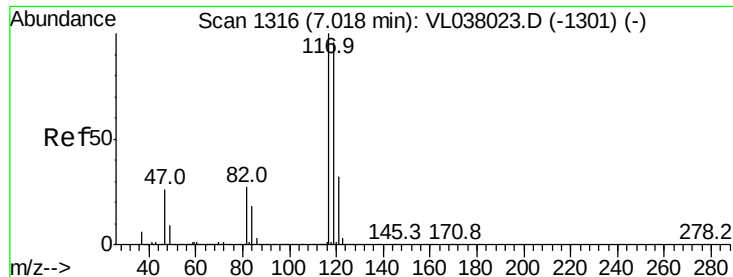
Tot Ion:114 Resp: 3150843
 Ion Ratio Lower Upper
 114 100
 63 24.3 19.8 29.6
 88 18.1 14.6 21.8



#34
 2-Butanone
 Concen: 0.851 ppbv
 RT: 5.26 min Scan# 768
 Delta R.T. 0.01 min
 Lab File: VL038025.D
 Acq: 16 Nov 2021 3:06

Tgt Ion: 43 Resp: 96282
 Ion Ratio Lower Upper
 43 100
 72 26.9 18.2 27.4





#35

Carbon Tetrachloride

Concen: 0.663 ppbv

RT: 7.01 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 16 Nov 2021 3:00

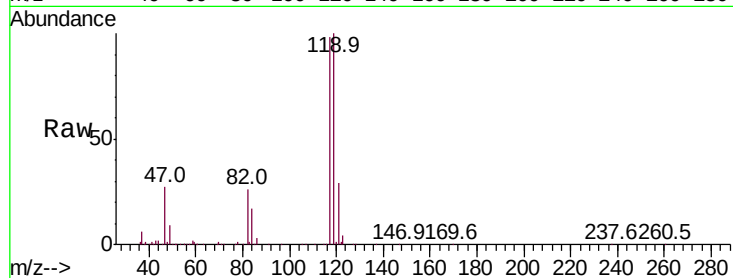
Tot Ion:117 Resp: 127997

Ion Ratio Lower Upper

117 100

119 100.9 76.5 114.7

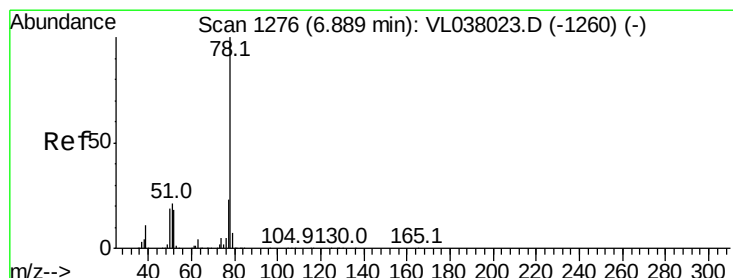
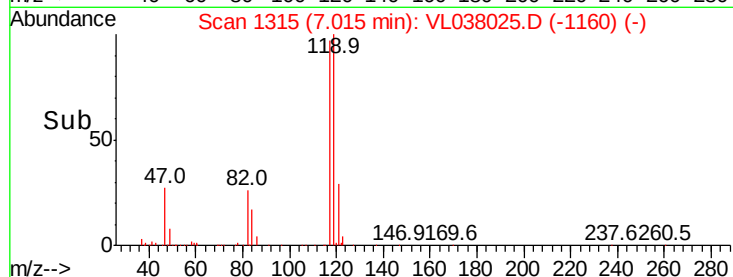
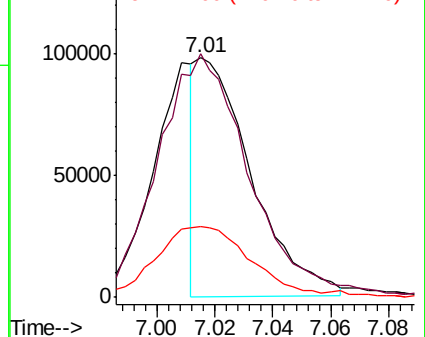
121 27.9 25.3 37.9



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#36

Benzene

Concen: 1.244 ppbv

RT: 6.89 min Scan# 1275

Delta R.T. -0.00 min

Lab File: VL038025.D

Acq: 16 Nov 2021 3:06

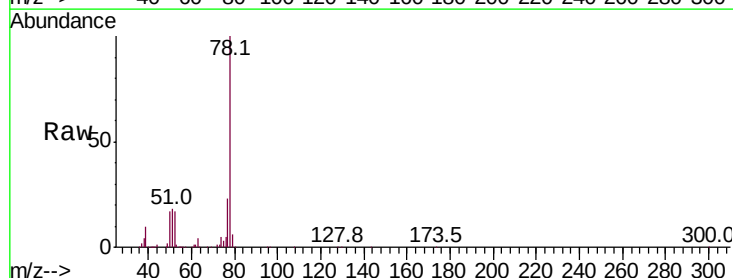
Tgt Ion: 78 Resp: 323636

Ion Ratio Lower Upper

78 100

77 23.2 18.8 28.2

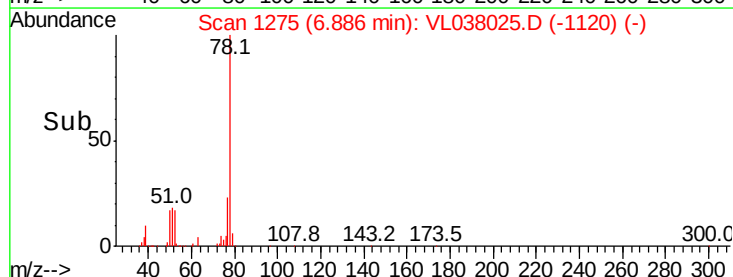
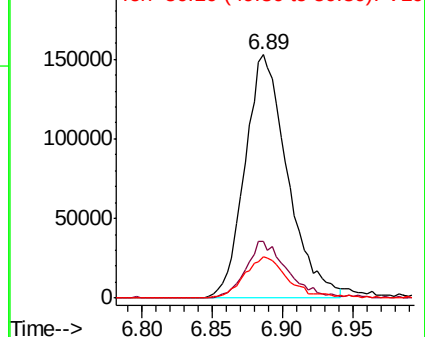
50 17.0 14.9 22.3

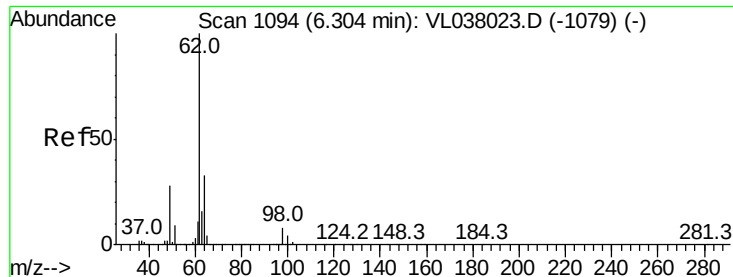


Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

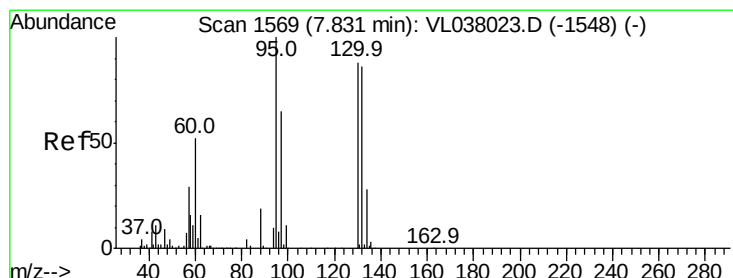
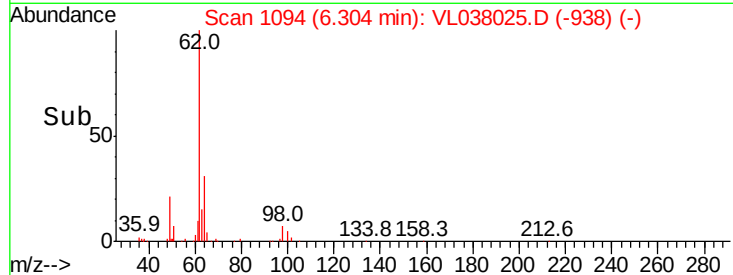
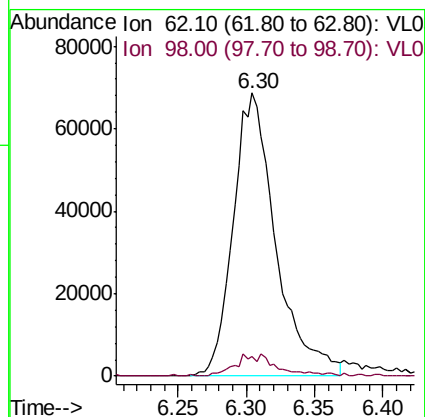
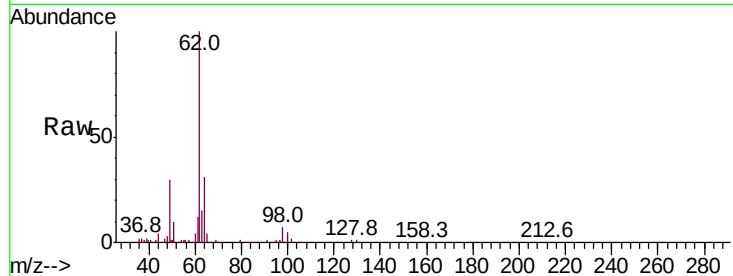
Ion 50.10 (49.80 to 50.80): VL0





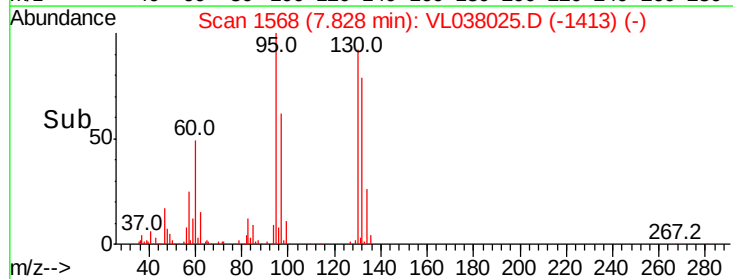
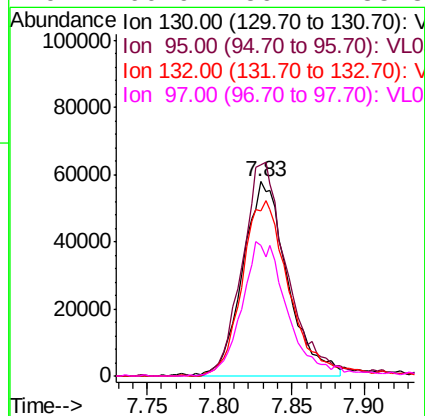
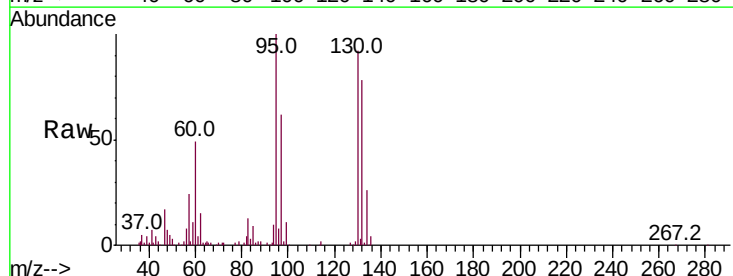
#37
 1,2-Dichloroethane
 Concen: 1.200 ppbv
 RT: 6.30
 Delta R.T. MSVOA_1
 Lab File: ClientSampleId :
 Acq: 16 Nov 2021 3:00

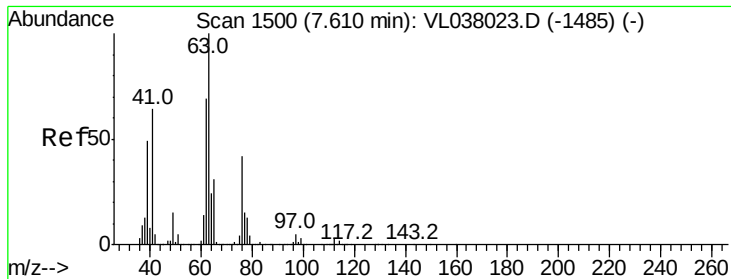
Tot Ion	62	Resp	149173
Ion	Ratio	Lower	Upper
62	100		
98	8.0	5.9	8.9



#38
 Trichloroethene
 Concen: 1.156 ppbv
 RT: 7.83 min Scan# 1568
 Delta R.T. -0.00 min
 Lab File: VL038025.D
 Acq: 16 Nov 2021 3:06

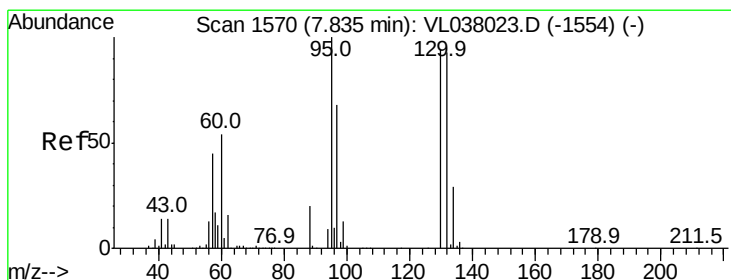
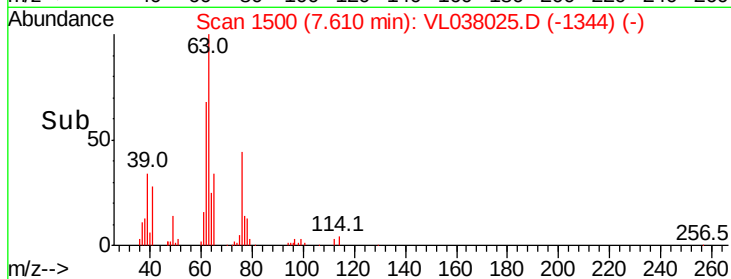
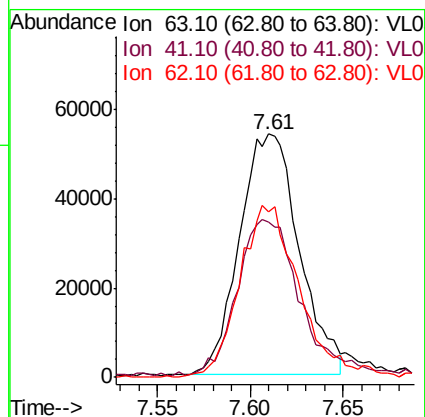
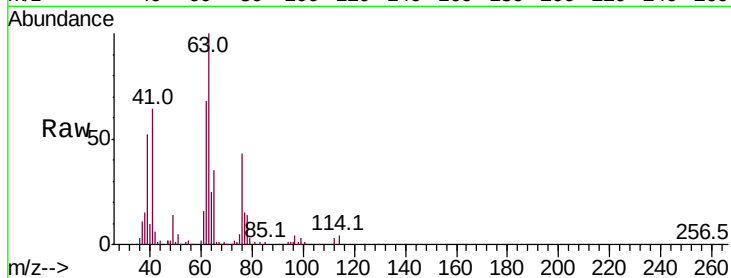
Tgt Ion	130	Resp	123122
Ion	Ratio	Lower	Upper
130	100		
95	109.1	90.5	135.7
132	85.5	77.4	116.0
97	66.9	59.2	88.8





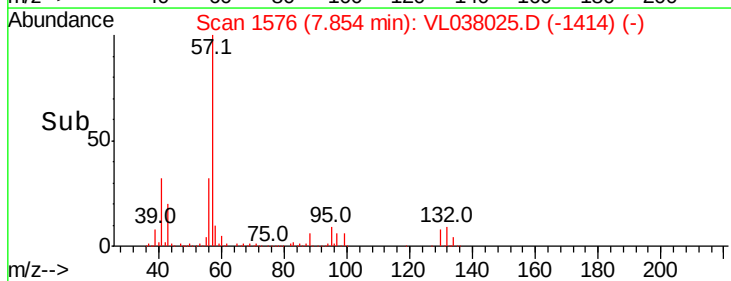
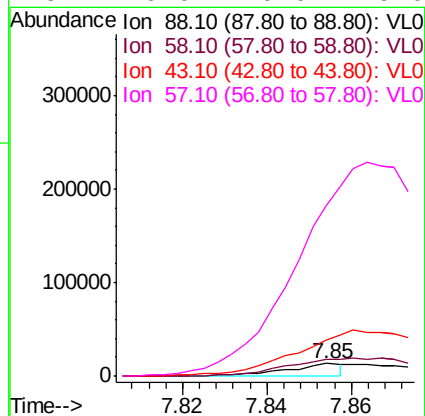
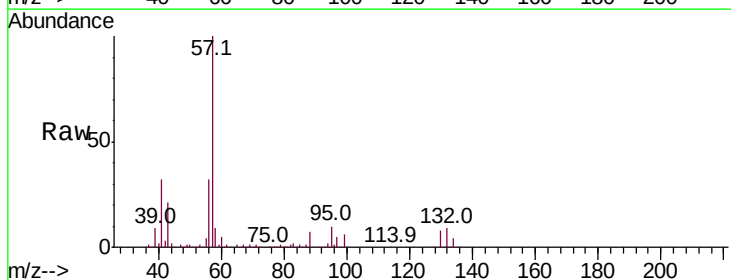
#39
 1,2-Dichloropropane
 Concen: 1.217 ppbv
 RT: 7.61 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 16 Nov 2021 3:00

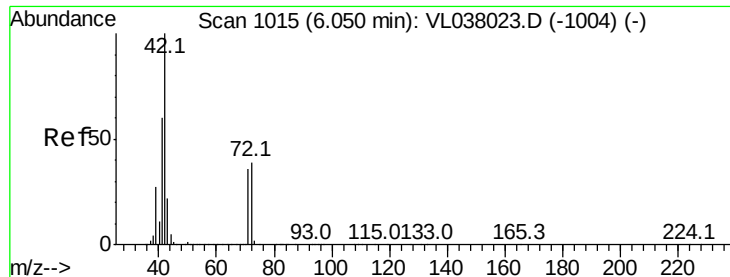
Tot Ion:	63	Resp:	120676
Ion	Ratio	Lower	Upper
63	100		
41	63.2	51.1	76.7
62	66.4	55.2	82.8



#40
 1,4-Dioxane
 Concen: 0.492 ppbv
 RT: 7.85 min Scan# 1576
 Delta R.T. 0.02 min
 Lab File: VL038025.D
 Acq: 16 Nov 2021 3:06

Tgt Ion:	88	Resp:	12544
Ion	Ratio	Lower	Upper
88	100		
58	0.0	0.0	0.0
43	0.0	0.0	0.0
57	0.0	0.0	0.0





#41

Tetrahydrofuran

Concen: 1.254 ppbv

RT: 6.07 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 16 Nov 2021 3:00

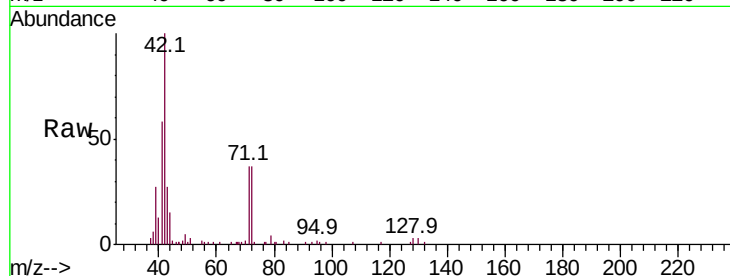
Tot Ion: 42 Resp: 74516

Ion Ratio Lower Upper

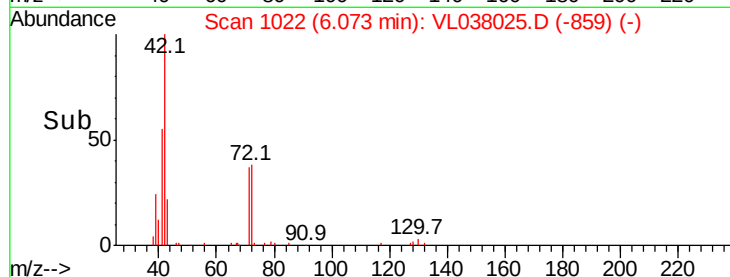
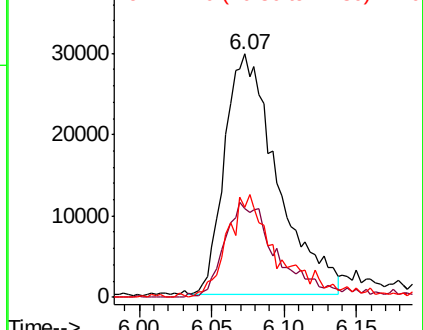
42 100

72 42.2 31.3 46.9

71 42.1 29.7 44.5



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: 1.236 ppbv

RT: 7.78 min Scan# 1554

Delta R.T. -0.00 min

Lab File: VL038025.D

Acq: 16 Nov 2021 3:06

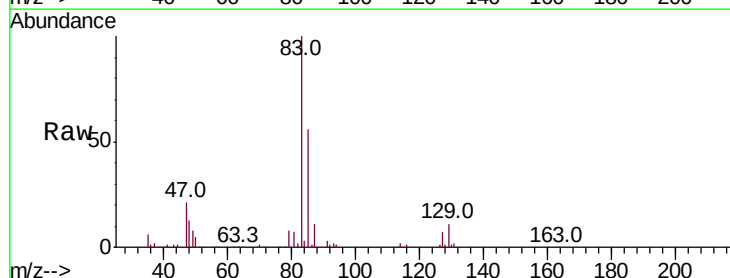
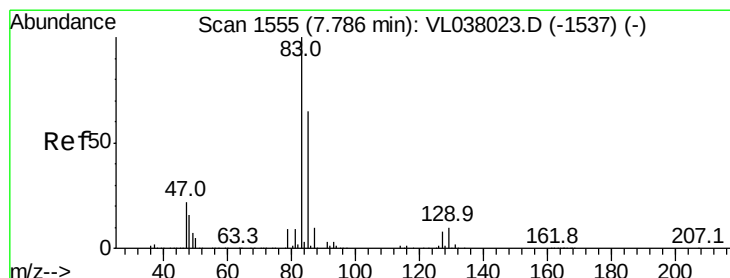
Tgt Ion: 83 Resp: 233638

Ion Ratio Lower Upper

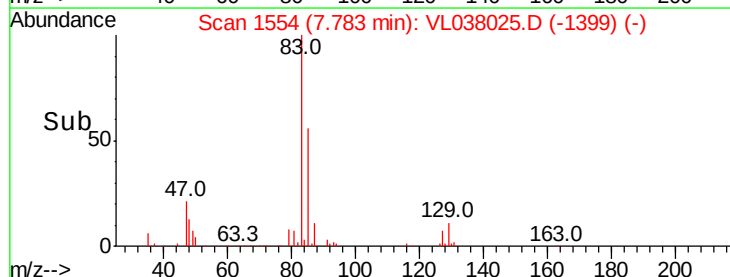
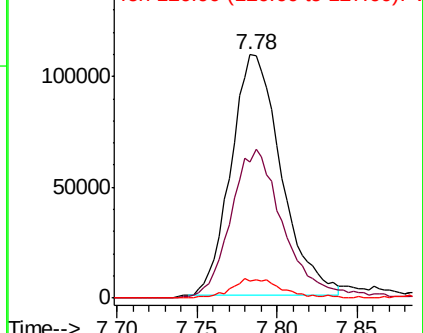
83 100

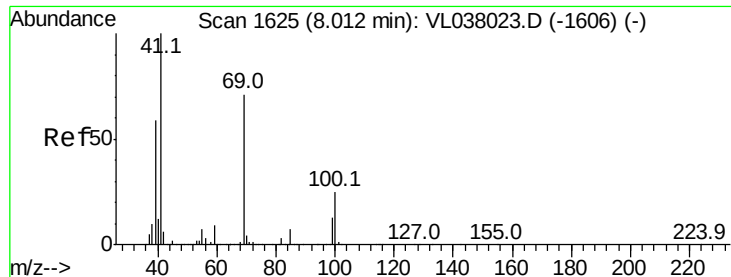
85 56.0 51.6 77.4

127 7.0 6.6 10.0



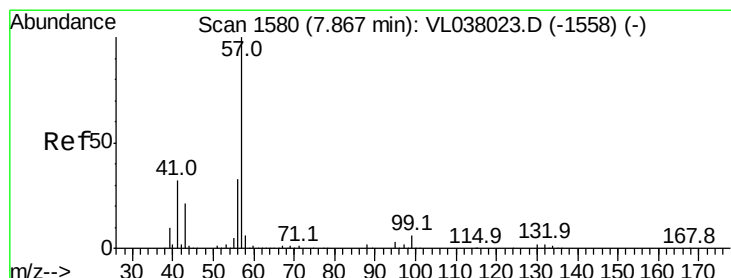
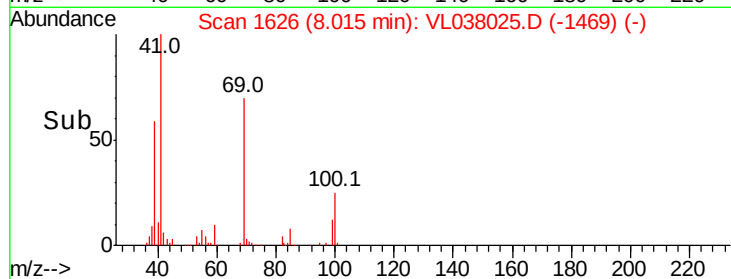
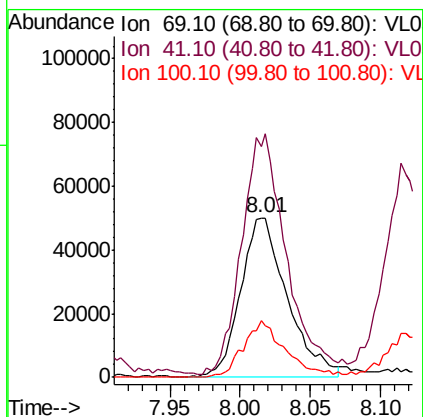
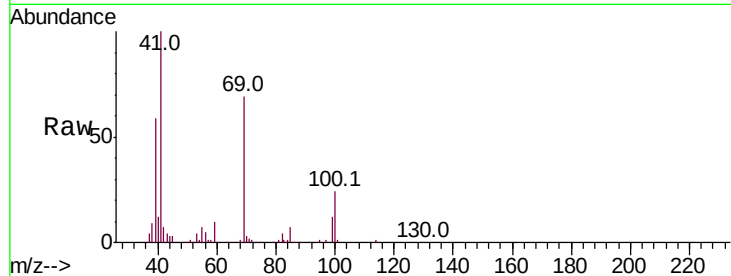
Abundance Ion 83.00 (82.70 to 83.70): VL0
Ion 85.00 (84.70 to 85.70): VL0
Ion 126.90 (126.60 to 127.60): V





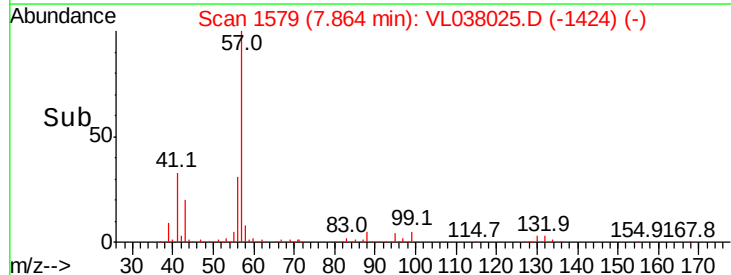
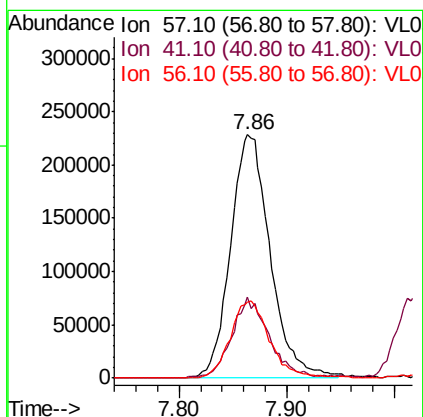
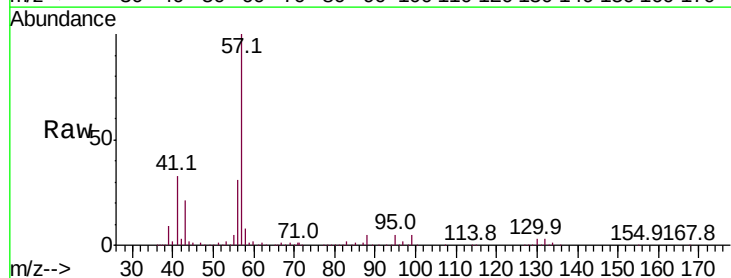
#43
Methyl Methacrylate
Concen: 1.345 ppbv
RT: 8.01
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 16 Nov 2021 3:00

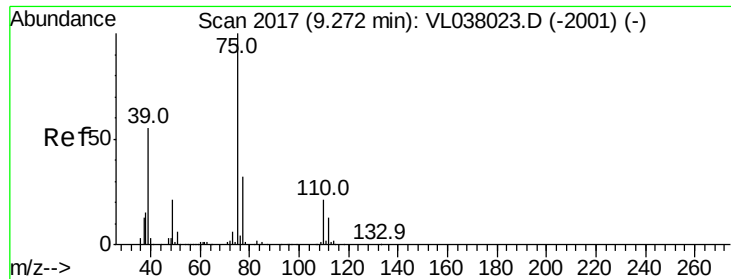
Tot Ion	Ratio	Lower	Upper
69	100		
41	143.9	116.1	174.1
100	32.2	27.1	40.7



#44
2,2,4-Trimethylpentane
Concen: 1.320 ppbv
RT: 7.86 min Scan# 1579
Delta R.T.: -0.00 min
Lab File: VL038025.D
Acq: 16 Nov 2021 3:00

Tgt Ion	Ratio	Lower	Upper
57	100		
41	30.9	26.3	39.5
56	31.6	25.6	38.4





#45

t-1,3-Dichloropropene

Concen: 1.376 ppbv

RT: 9.28 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

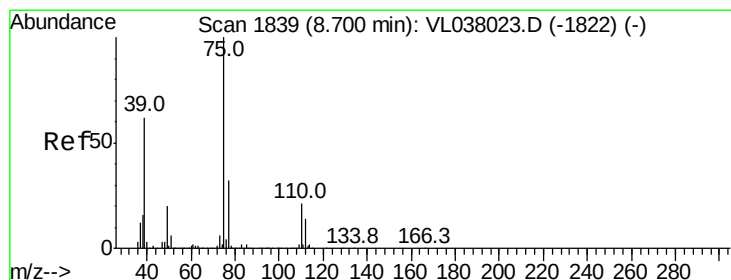
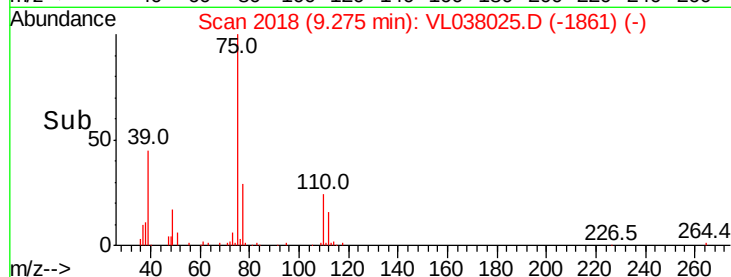
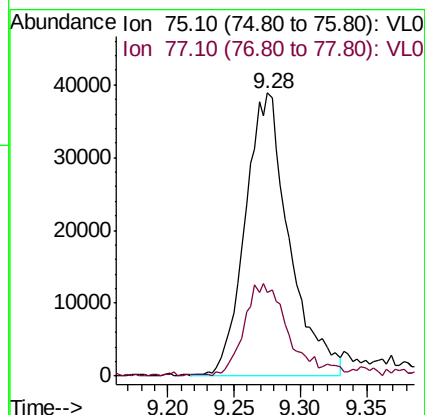
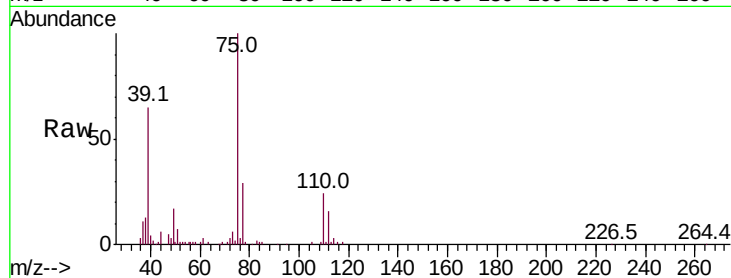
Acq: 16 Nov 2021 3:00

Tot Ion: 75 Resp: 90179

Ion Ratio Lower Upper

75 100

77 29.4 25.6 38.4



#46

cis-1,3-Dichloropropene

Concen: 1.316 ppbv

RT: 8.70 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VL038025.D

Acq: 16 Nov 2021 3:06

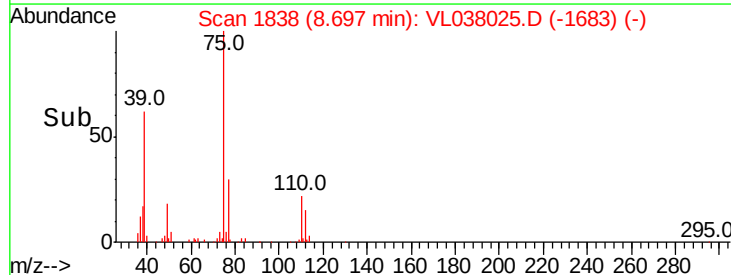
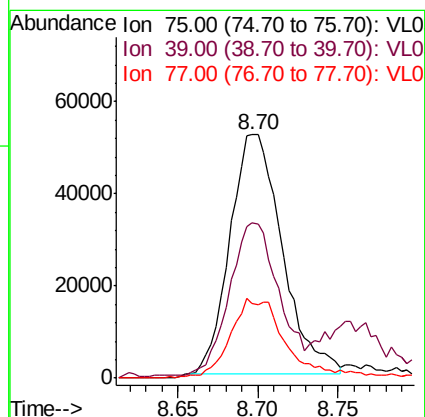
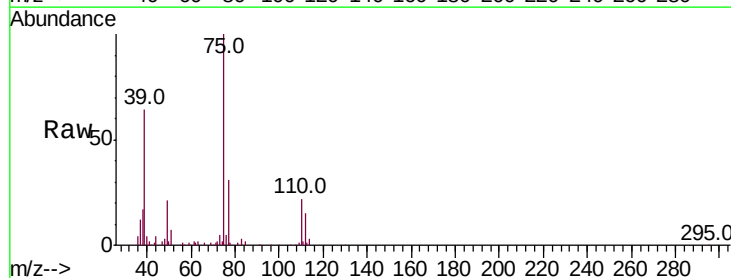
Tgt Ion: 75 Resp: 116063

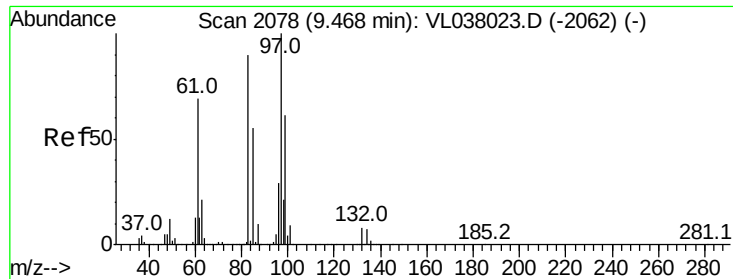
Ion Ratio Lower Upper

75 100

39 62.5 49.2 73.8

77 30.4 25.3 37.9





#47

1,1,2-Trichloroethane

Concen: 1.141 ppbv

RT: 9.47 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 16 Nov 2021 3:00

Tot Ion: 97 Resp: 124972

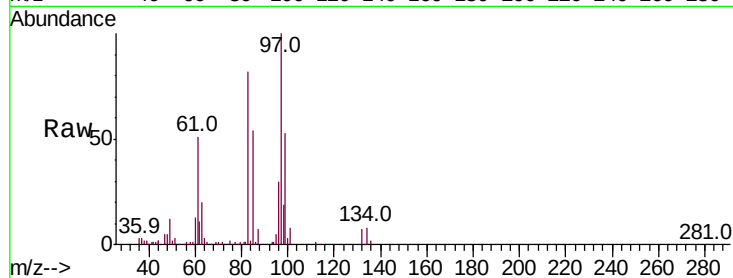
Ion Ratio Lower Upper

97 100

83 81.9 72.2 108.4

85 54.8 43.8 65.8

99 53.1 49.0 73.4

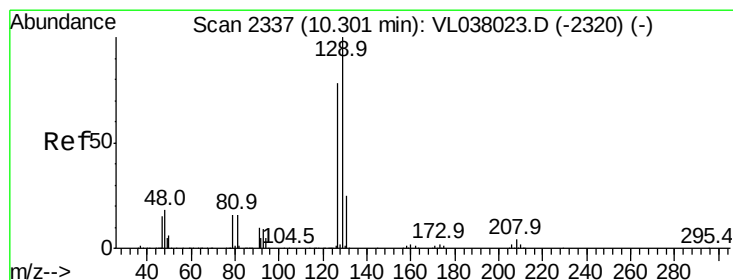
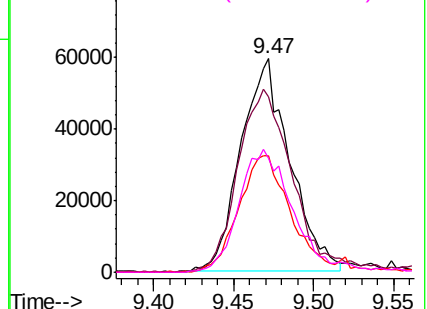
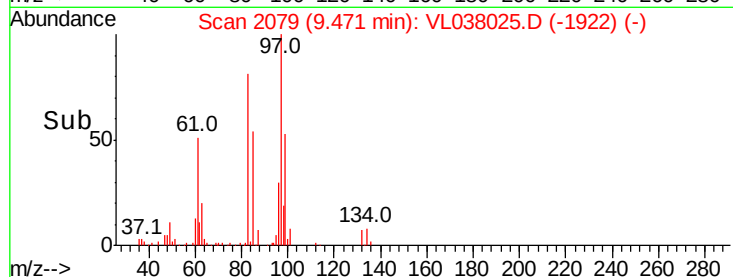


Abundance Ion 97.00 (96.70 to 97.70): VL0

Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0

Ion 99.00 (98.70 to 99.70): VL0



#48

Dibromochloromethane

Concen: 1.314 ppbv

RT: 10.30 min Scan# 2337

Delta R.T. 0.00 min

Lab File: VL038025.D

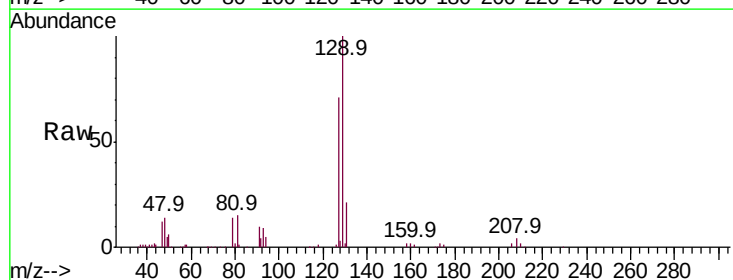
Acq: 16 Nov 2021 3:06

Tgt Ion: 129 Resp: 206303

Ion Ratio Lower Upper

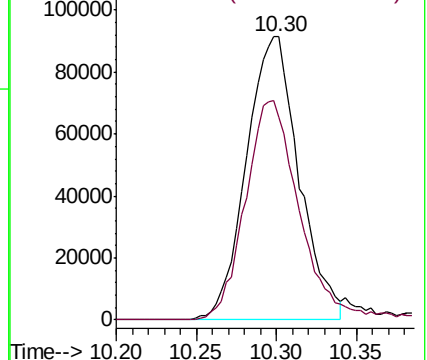
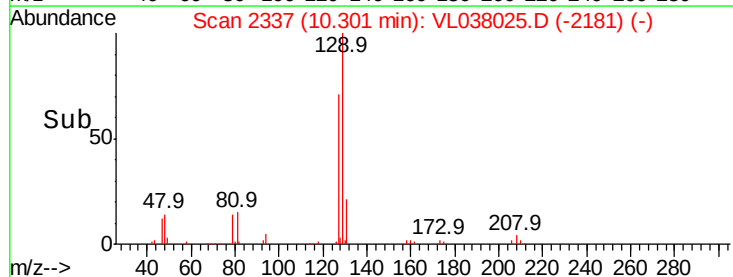
129 100

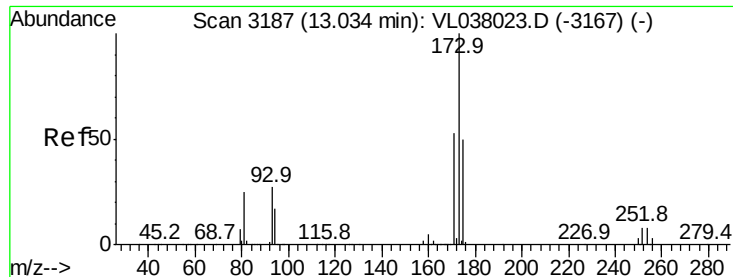
127 80.4 39.8 119.3



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#49

Bromoform

Concen: 1.282 ppbv

RT: 13.03

Delta R.T. MSVOA_L

Lab File:

Acq: 16 Nov 2021 3:00

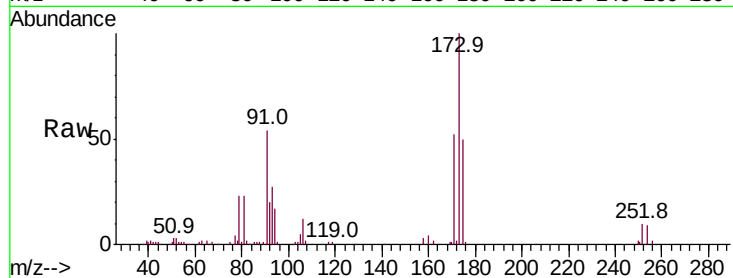
Tot Ion: 173 Resp: 158088

Ion Ratio Lower Upper

173 100

175 51.8 41.5 62.3

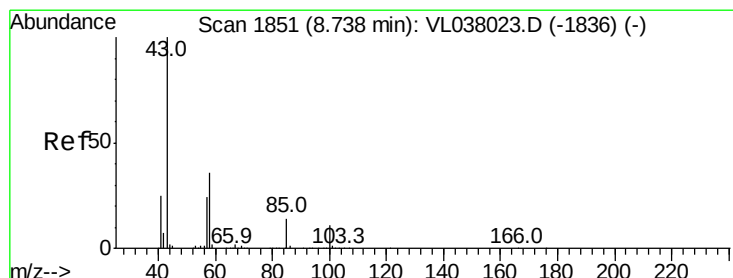
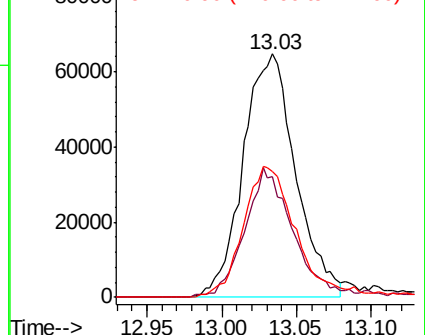
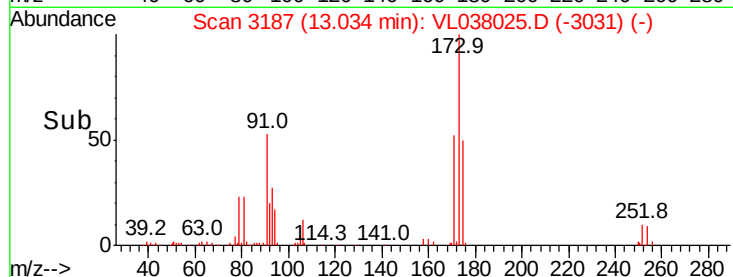
171 55.8 43.7 65.5



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: 0.818 ppbv

RT: 8.76 min Scan# 1857

Delta R.T. 0.02 min

Lab File: VL038025.D

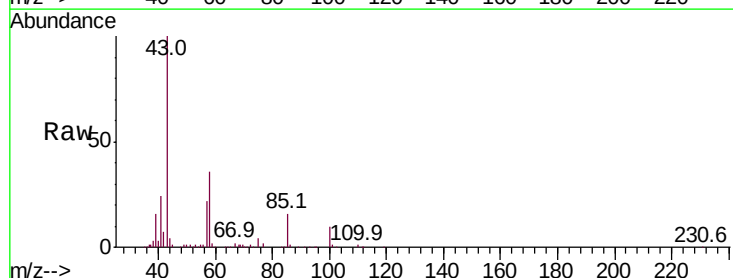
Acq: 16 Nov 2021 3:06

Tgt Ion: 43 Resp: 127697

Ion Ratio Lower Upper

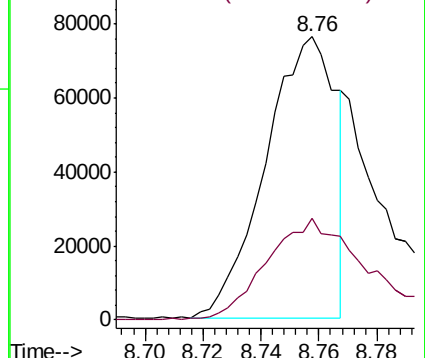
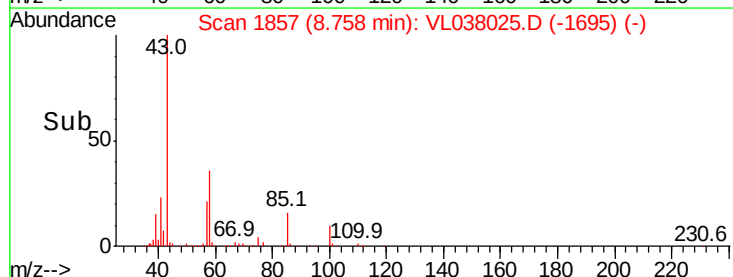
43 100

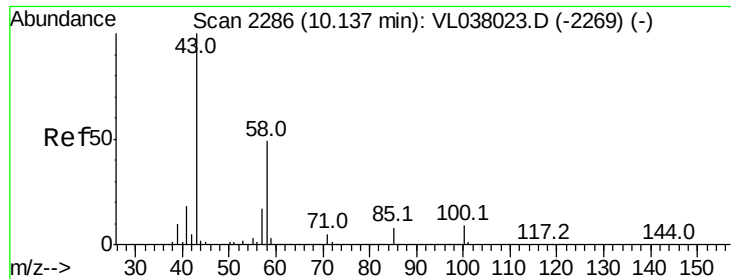
58 58.8 29.8 44.6#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





#51

2-Hexanone

Concen: 1.145 ppbv

RT: 10.16

Delta R.T. MSVOA_L

Lab File:

Acq: 16 Nov 2021 3:00

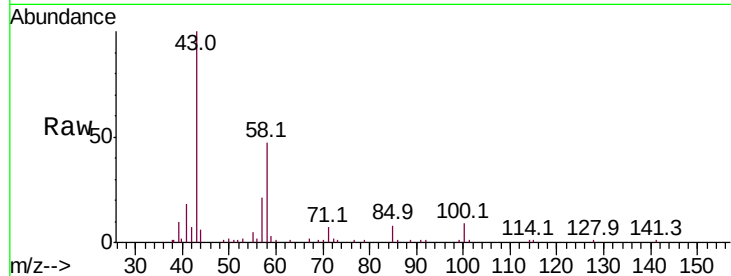
Tot Ion: 43 Resp: 77132

Ion Ratio Lower Upper

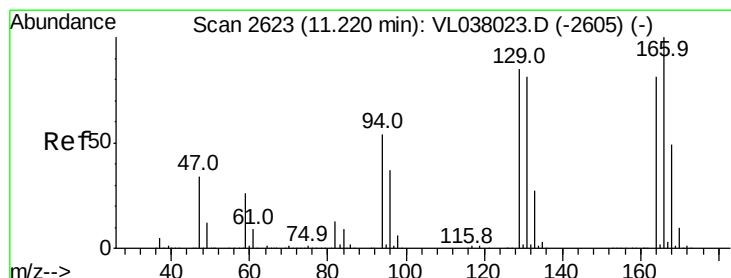
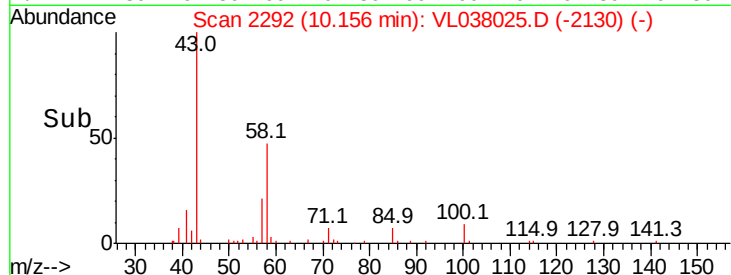
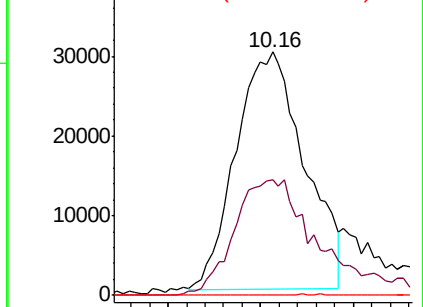
43 100

58 62.3 40.2 60.2#

98 0.3 0.1 0.1#



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



#52

Tetrachloroethene

Concen: 1.197 ppbv

RT: 11.22 min Scan# 2623

Delta R.T. 0.00 min

Lab File: VL038025.D

Acq: 16 Nov 2021 3:06

Tgt Ion: 164 Resp: 116821

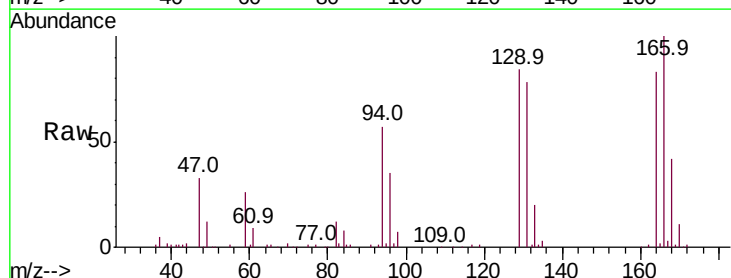
Ion Ratio Lower Upper

164 100

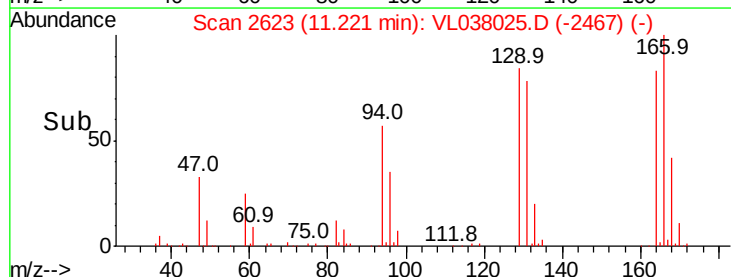
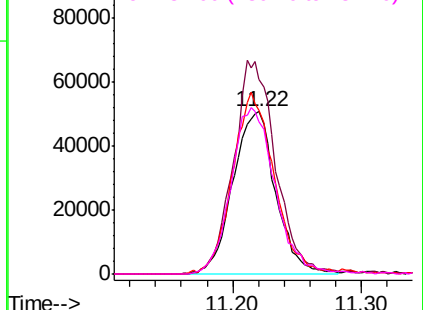
166 119.8 98.6 148.0

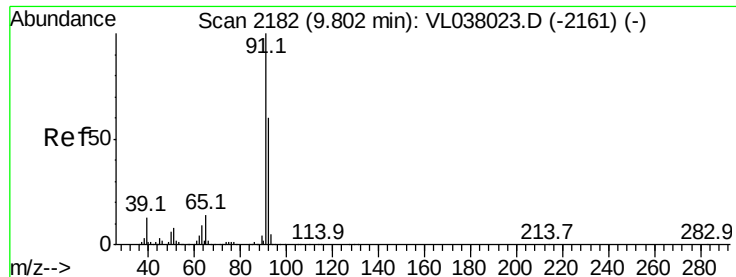
129 100.5 84.1 126.1

131 93.6 79.8 119.8



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





#53

Toluene

Concen: 1.385 ppbv

RT: 9.80 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

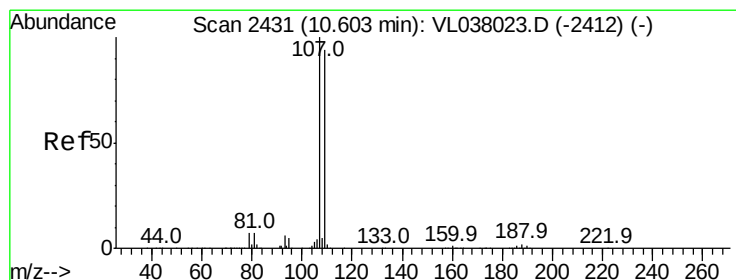
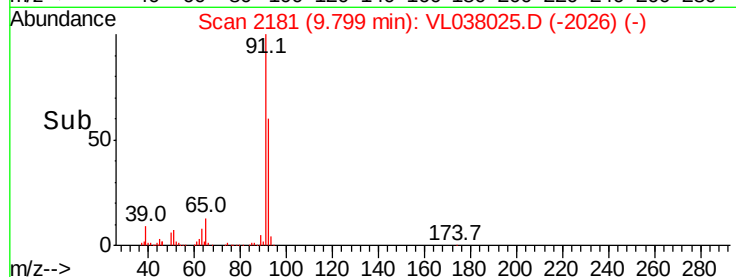
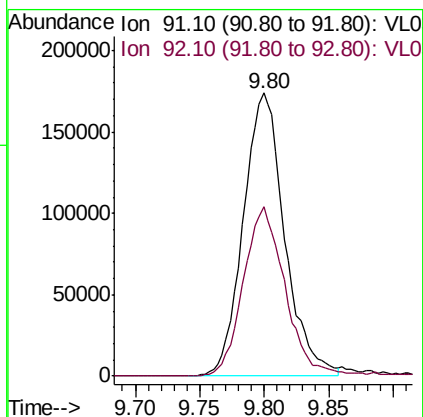
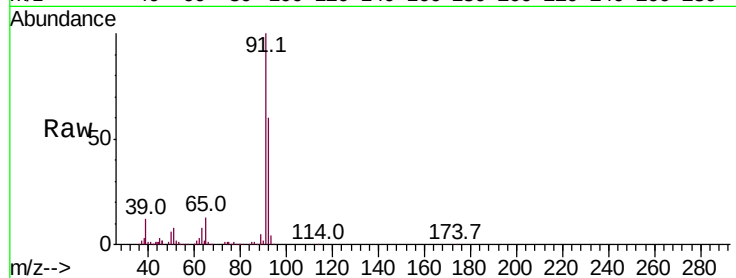
Acq: 16 Nov 2021 3:00

Tot Ion: 91 Resp: 386875

Ion Ratio Lower Upper

91 100

92 61.5 49.4 74.2



#54

1,2-Dibromoethane

Concen: 1.267 ppbv

RT: 10.60 min Scan# 2431

Delta R.T. 0.00 min

Lab File: VL038025.D

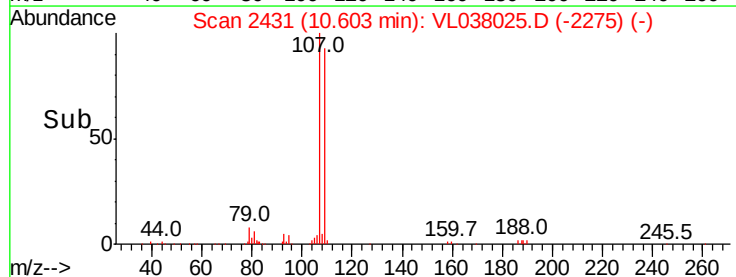
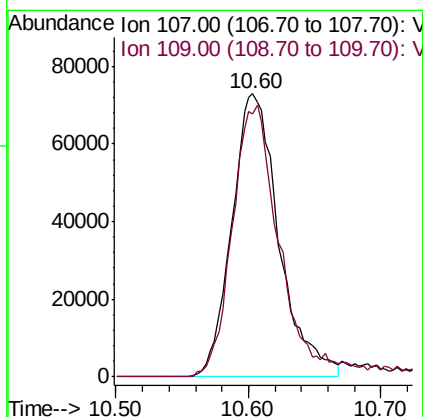
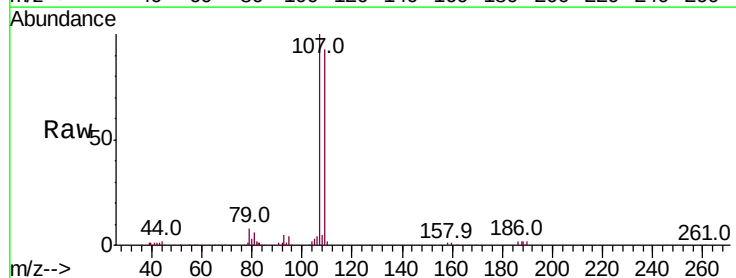
Acq: 16 Nov 2021 3:06

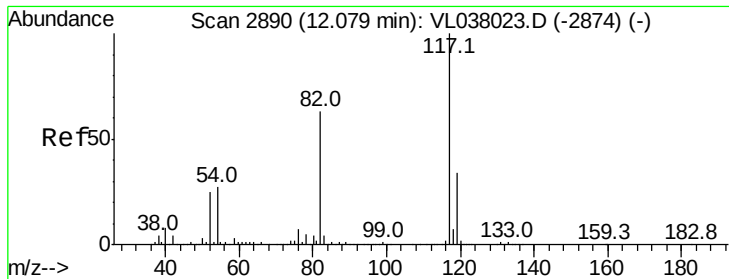
Tgt Ion: 107 Resp: 180103

Ion Ratio Lower Upper

107 100

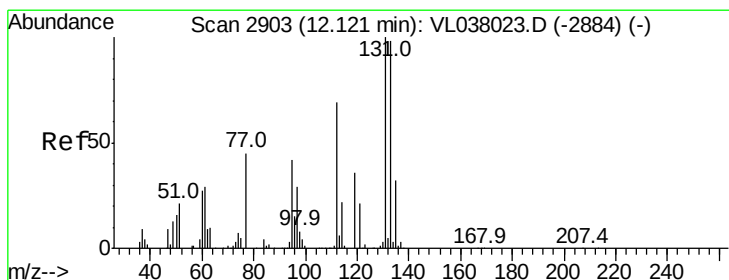
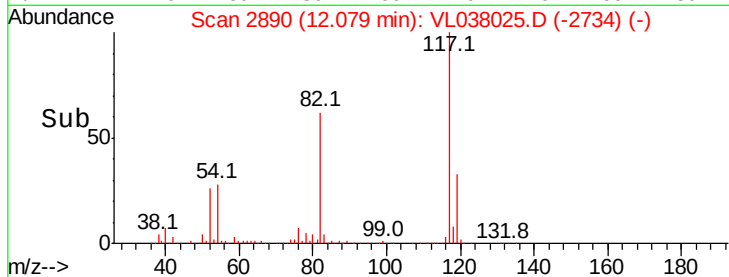
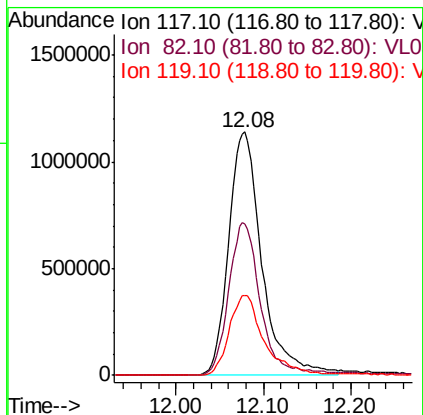
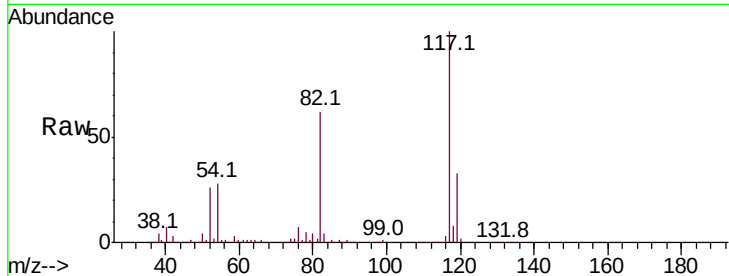
109 92.6 75.0 112.6





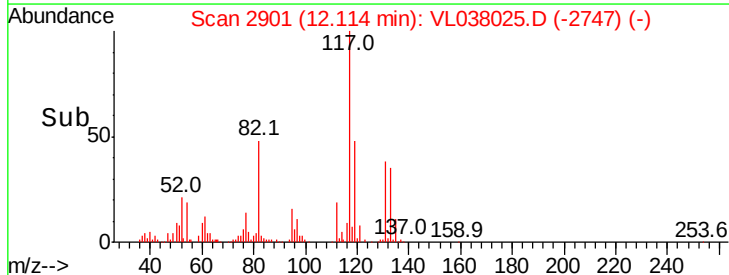
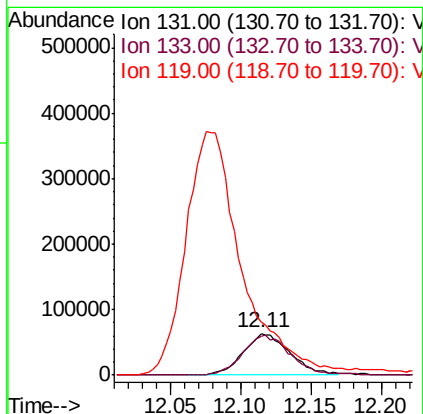
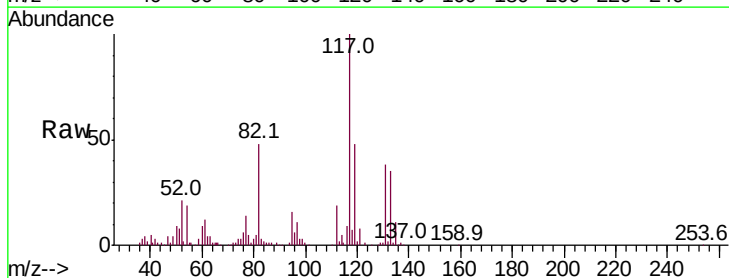
#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.08 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 16 Nov 2021 3:00

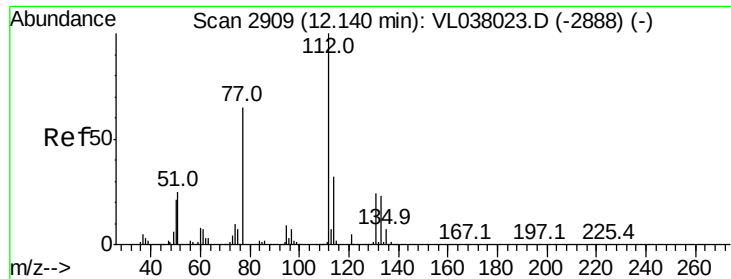
Tot Ion:117 Resp: 3006219
 Ion Ratio Lower Upper
 117 100
 82 61.9 50.0 75.0
 119 35.4 44.9 67.3#



#56
 1,1,1,2-Tetrachloroethane
 Concen: 1.202 ppbv
 RT: 12.11 min Scan# 2901
 Delta R.T.: -0.01 min
 Lab File: VL038025.D
 Acq: 16 Nov 2021 3:06

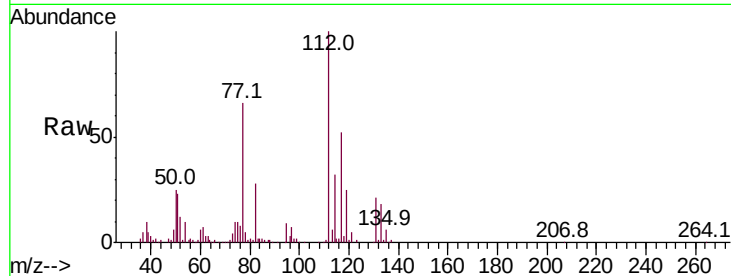
Tgt Ion:131 Resp: 145446
 Ion Ratio Lower Upper
 131 100
 133 100.5 77.8 116.8
 119 737.5 121.1 181.7#



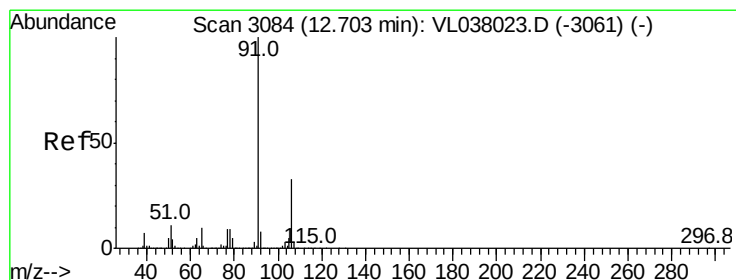
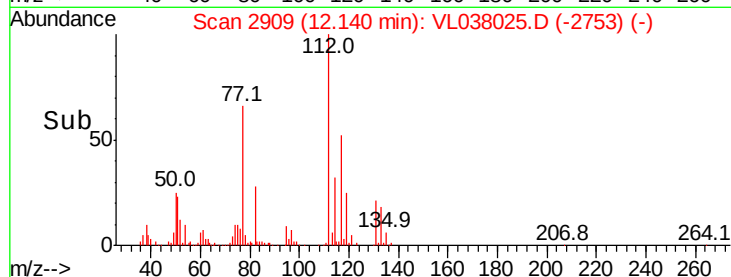
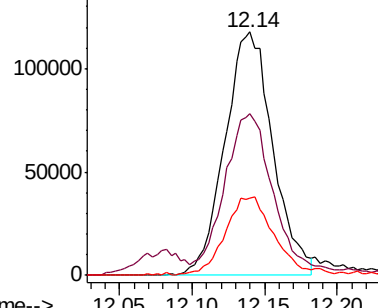


#57
Chlorobenzene
Concen: 1.138 ppbv
RT: 12.14 min
Instrument: MSVOA_1
Delta R.T.: 0.00 min
Lab File: ClientSampleId :
Acq: 16 Nov 2021 3:00

Tot Ion	Ratio	Lower	Upper
112	100		
77	61.7	52.1	78.1
114	31.9	29.1	35.5

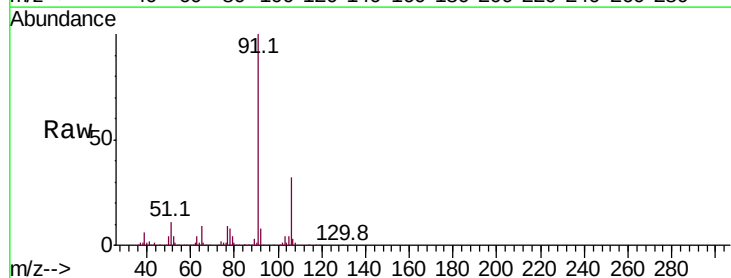


Abundance Ion 112.10 (111.80 to 112.80): V
Ion 77.10 (76.80 to 77.80): VL0
Ion 114.10 (113.80 to 114.80): V

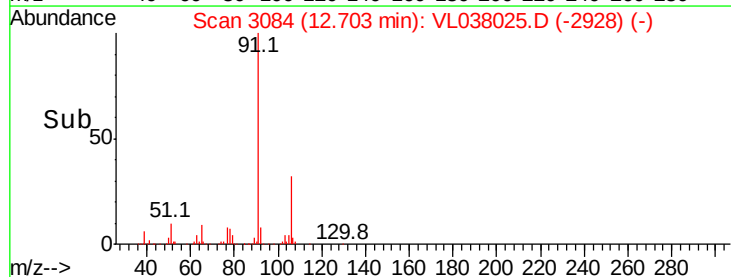
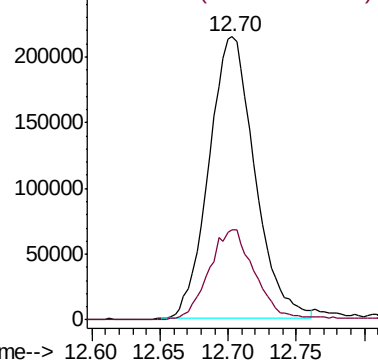


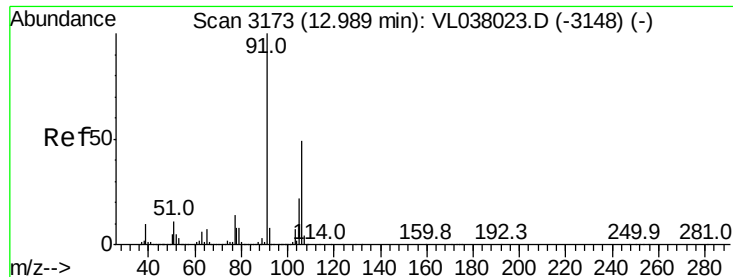
#58
Ethyl Benzene
Concen: 1.356 ppbv
RT: 12.70 min Scan# 3084
Delta R.T.: 0.00 min
Lab File: VL038025.D
Acq: 16 Nov 2021 3:06

Tgt Ion	Ratio	Lower	Upper
91	100		
106	32.2	26.2	39.2



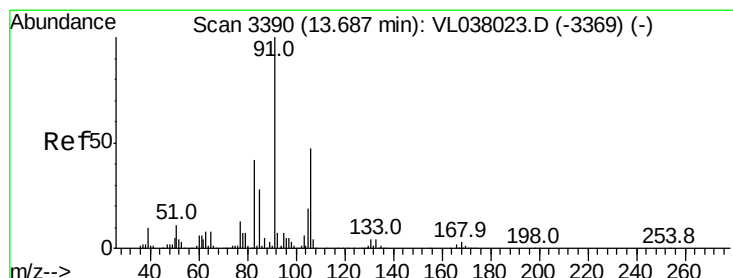
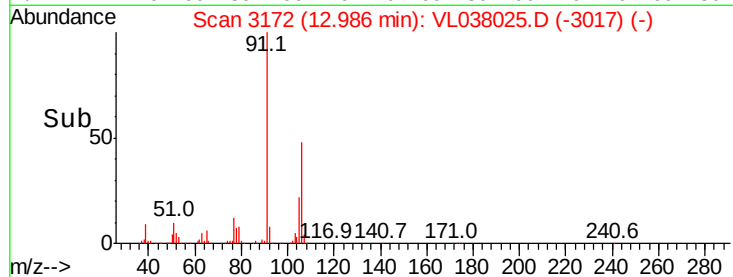
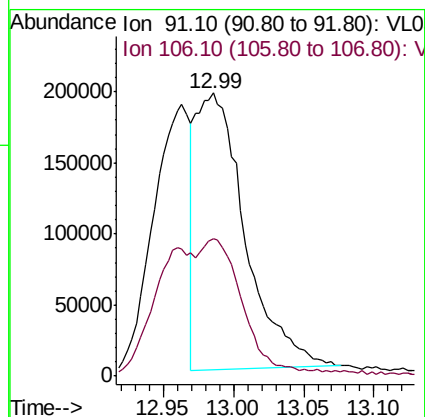
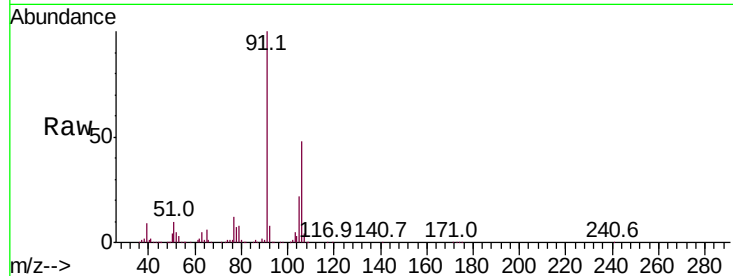
Abundance Ion 91.10 (90.80 to 91.80): VL0
Ion 106.10 (105.80 to 106.80): V





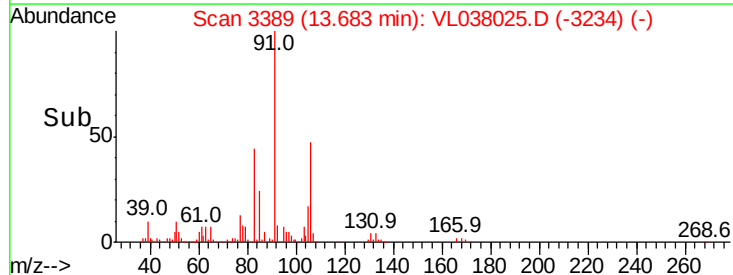
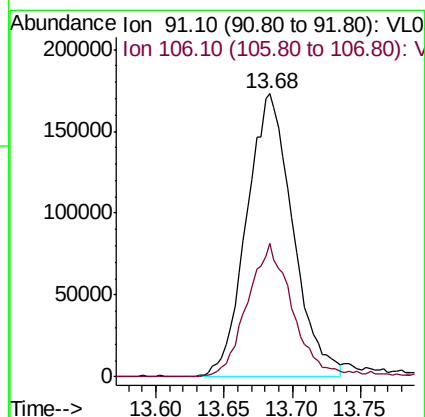
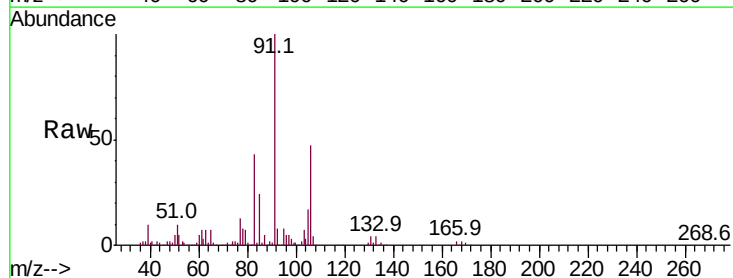
#59
m/p-Xylene
Concen: 1.456 ppbv
RT: 12.99 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 16 Nov 2021 3:00

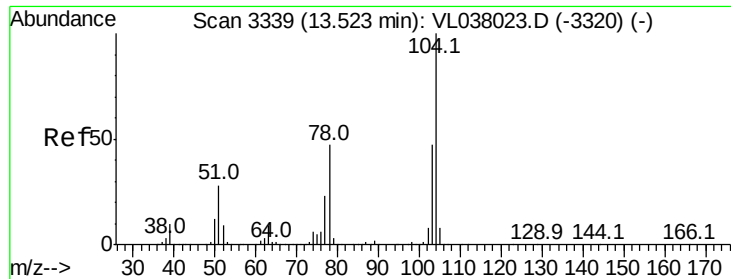
Tot Ion: 91 Resp: 472084
Ion Ratio Lower Upper
91 100
106 83.2 38.5 57.7#



#60
o-Xylene
Concen: 1.329 ppbv
RT: 13.68 min Scan# 3389
Delta R.T. -0.00 min
Lab File: VL038025.D
Acq: 16 Nov 2021 3:00

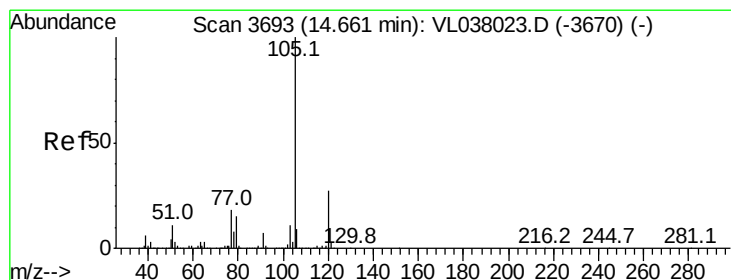
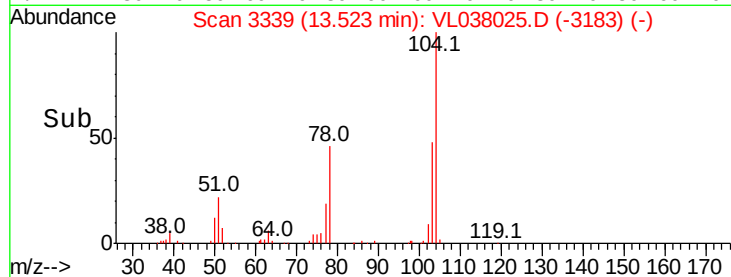
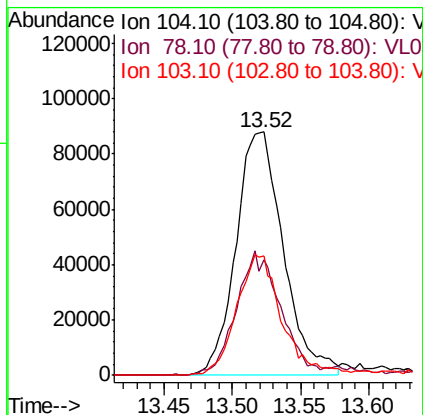
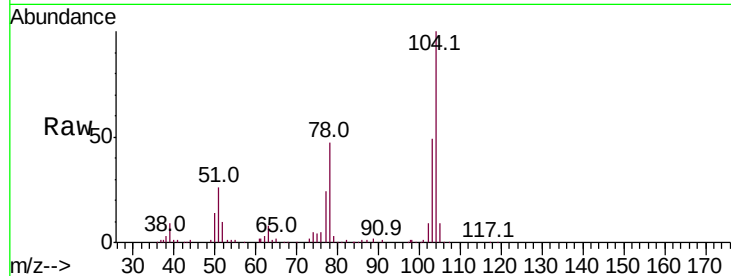
Tgt Ion: 91 Resp: 405437
Ion Ratio Lower Upper
91 100
106 47.5 24.2 72.6





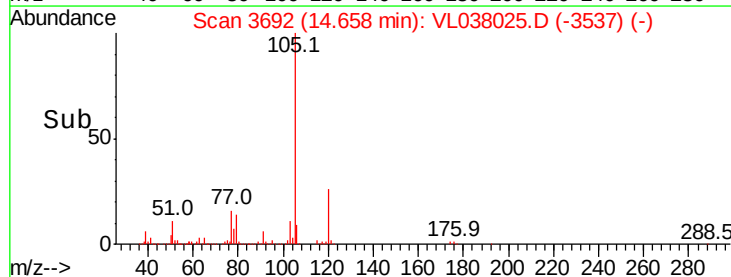
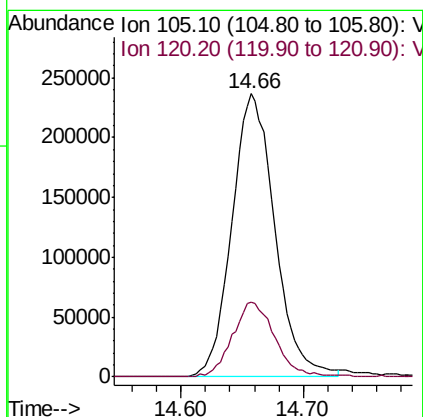
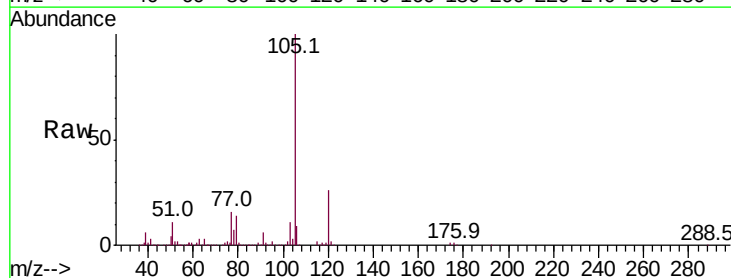
#61
Stvrene
Concen: 1.481 ppbv
RT: 13.52
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 16 Nov 2021 3:00

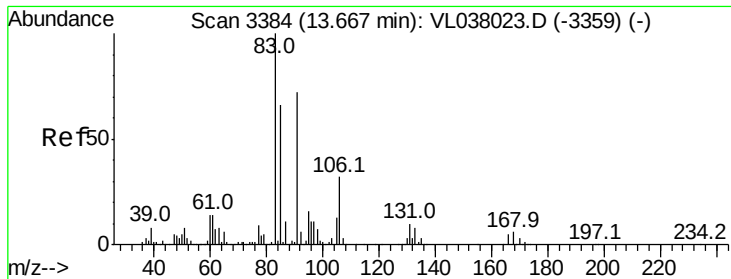
Tot Ion	Ratio	Lower	Upper
104	100		
78	50.4	38.7	58.1
103	48.9	36.8	55.2



#62
Isopropylbenzene
Concen: 1.316 ppbv
RT: 14.66 min Scan# 3692
Delta R.T. -0.00 min
Lab File: VL038025.D
Acq: 16 Nov 2021 3:06

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.3	21.7	32.5





#63

1,1,2,2-Tetrachloroethane

Concen: 1.070 ppbv

RT: 13.67

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 16 Nov 2021 3:00

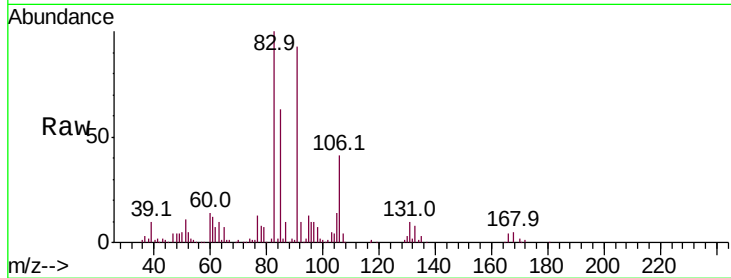
Tot Ion: 83 Resp: 280780

Ion Ratio Lower Upper

83 100

131 9.4 5.0 14.9

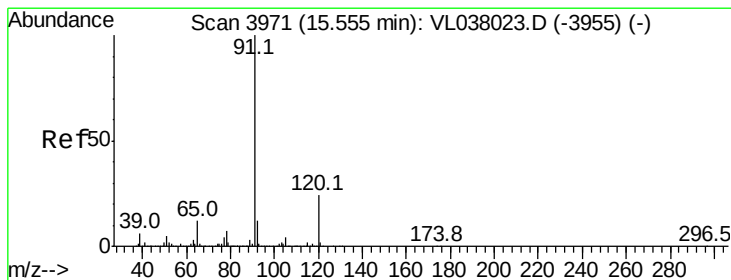
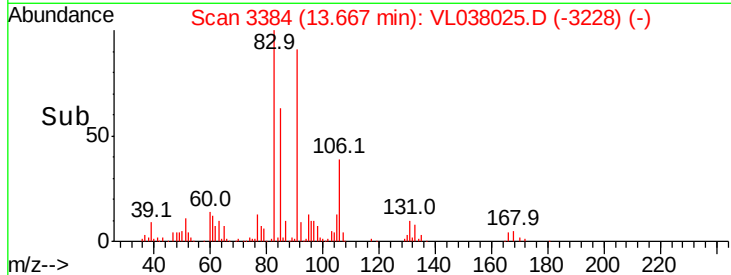
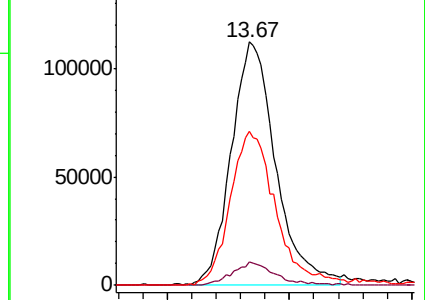
85 67.5 33.4 100.2



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: 1.291 ppbv

RT: 15.55 min Scan# 3970

Delta R.T. -0.00 min

Lab File: VL038025.D

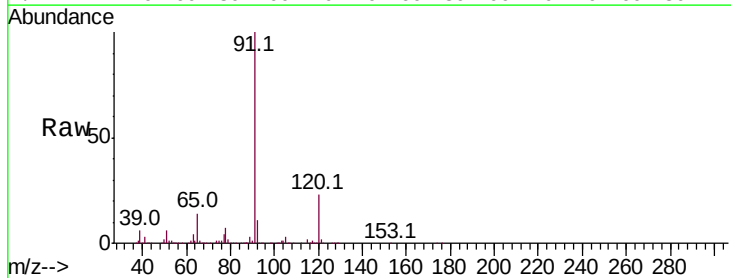
Acq: 16 Nov 2021 3:06

Tgt Ion:120 Resp: 143202

Ion Ratio Lower Upper

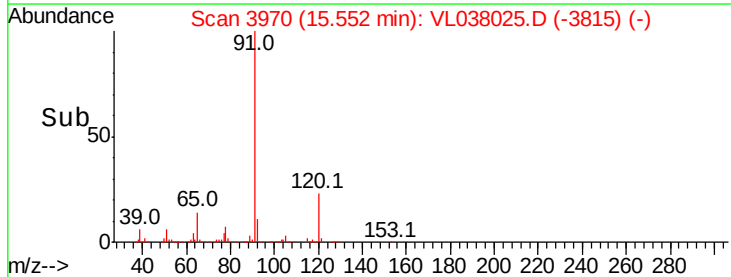
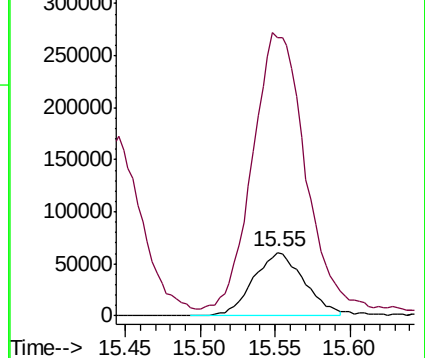
120 100

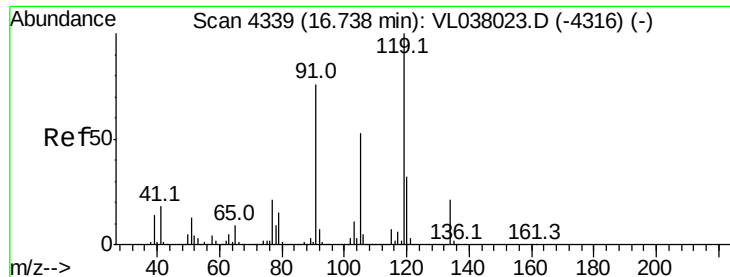
91 489.4 367.4 551.0



Abundance Ion 120.20 (119.90 to 120.90): VL0

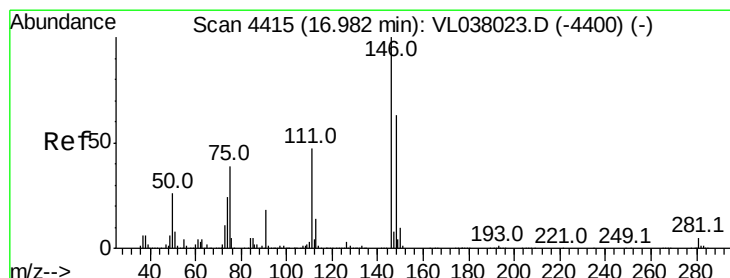
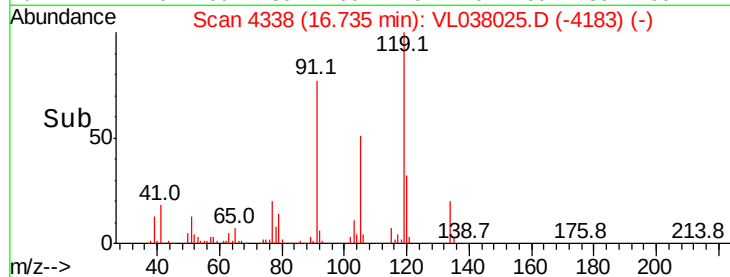
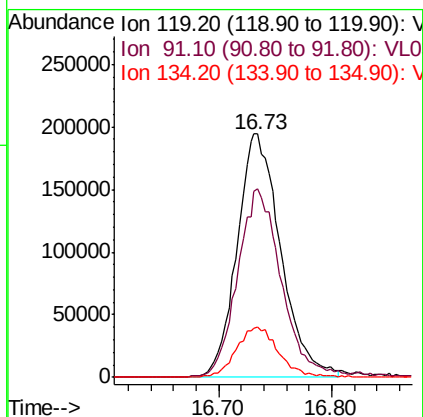
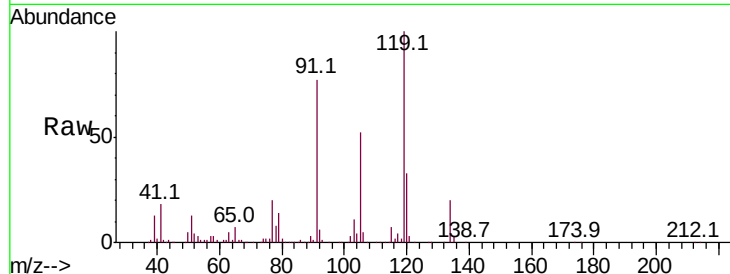
Ion 91.10 (90.80 to 91.80): VL0





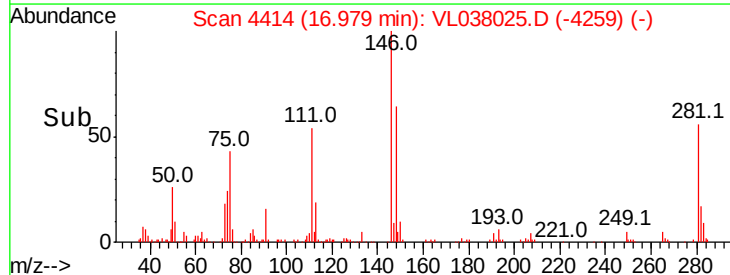
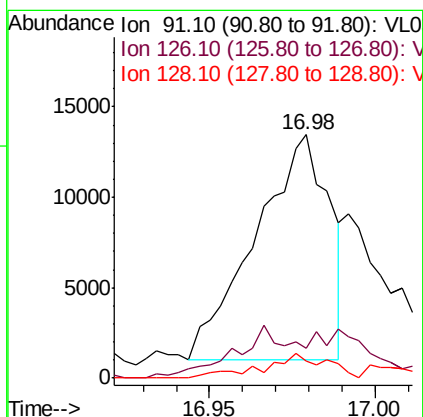
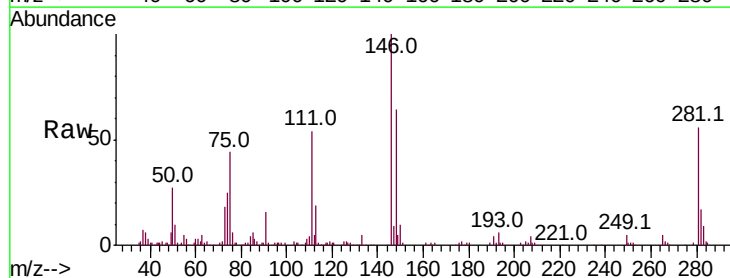
#65
 tert-Butylbenzene
 Concen: 1.364 ppbv
 RT: 16.73 min
 Delta R.T. MSVOA_1
 Lab File: ClientSampleId :
 Acq: 16 Nov 2021 3:00

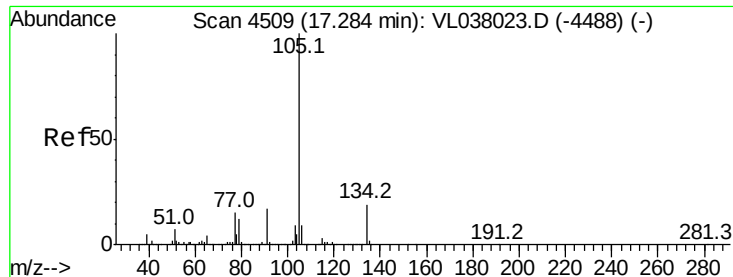
Tot Ion:	119	Resp:	522213
Ion	Ratio	Lower	Upper
119	100		
91	77.8	62.6	93.8
134	20.1	16.1	24.1



#66
 Benzyl Chloride
 Concen: 0.932 ppbv
 RT: 16.98 min Scan# 4414
 Delta R.T. -0.00 min
 Lab File: VL038025.D
 Acq: 16 Nov 2021 3:06

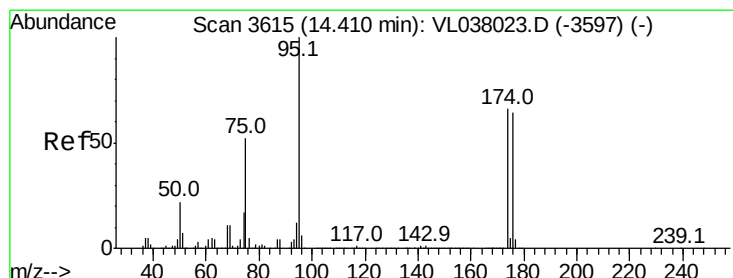
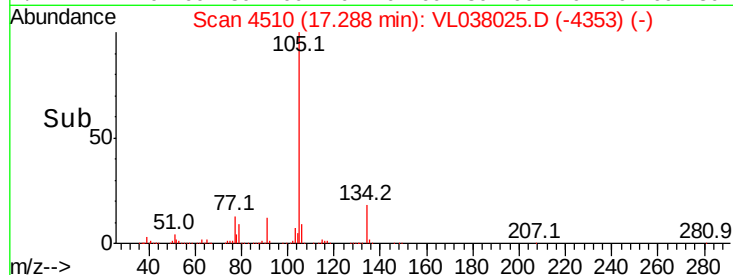
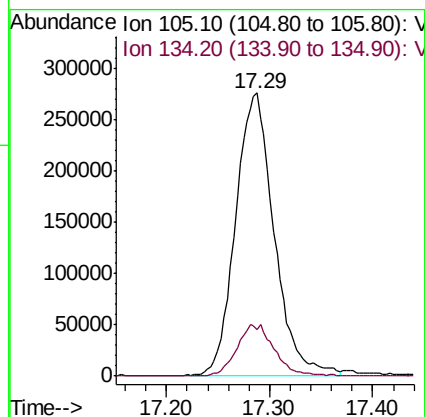
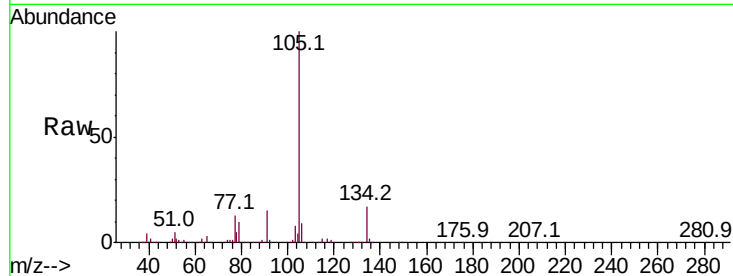
Tgt Ion:	91	Resp:	19398
Ion	Ratio	Lower	Upper
91	100		
126	38.0	16.4	24.6#
128	12.5	5.6	8.4#





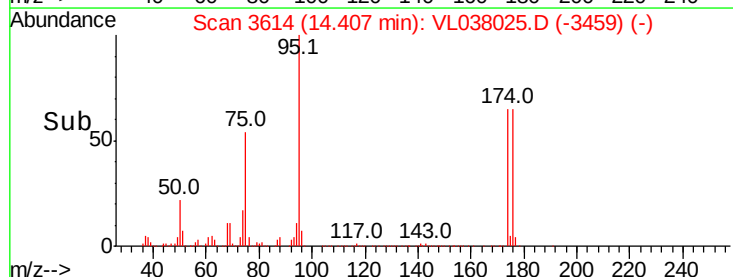
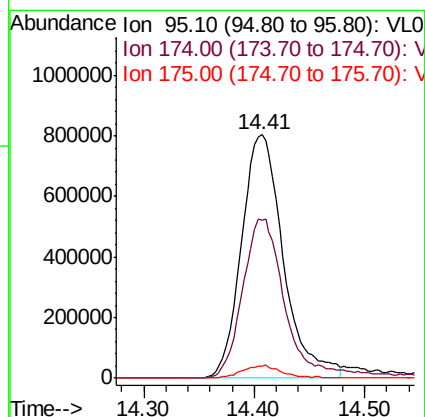
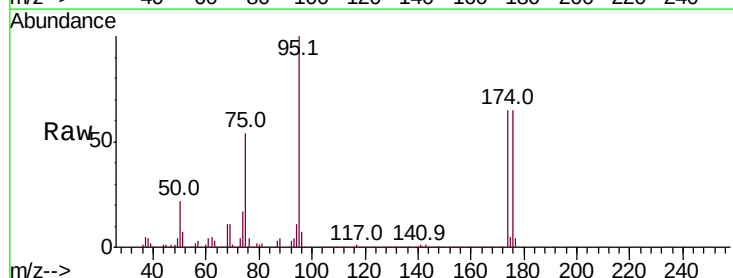
#67
 sec-Butylbenzene
 Concen: 1.349 ppbv
 RT: 17.29 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 16 Nov 2021 3:00

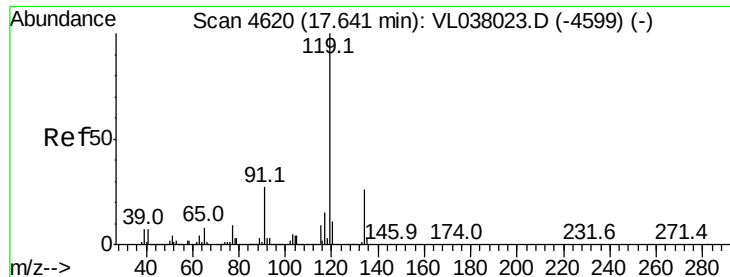
Tot Ion	Ratio	Lower	Upper
105	100		
134	18.2	15.3	22.9



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.800 ppbv
 RT: 14.41 min Scan# 3614
 Delta R.T.: -0.00 min
 Lab File: VL038025.D
 Acq: 16 Nov 2021 3:06

Tgt Ion	Ratio	Lower	Upper
95	100		
174	68.5	54.9	82.3
175	5.3	4.0	6.0





#69

p-Isopropyltoluene

Concen: 1.366 ppbv

RT: 17.64 min

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 16 Nov 2021 3:00

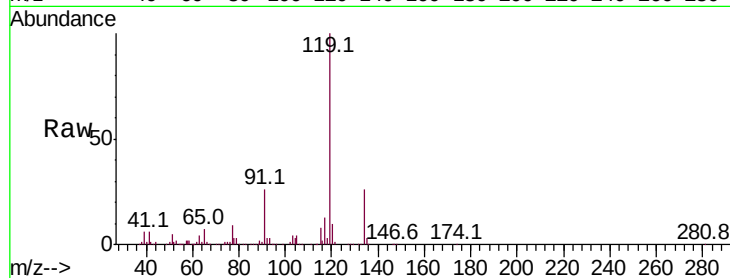
Tot Ion: 119 Resp: 576853

Ion Ratio Lower Upper

119 100

134 25.5 21.2 31.8

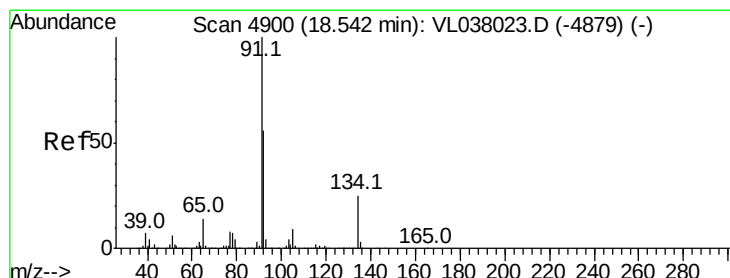
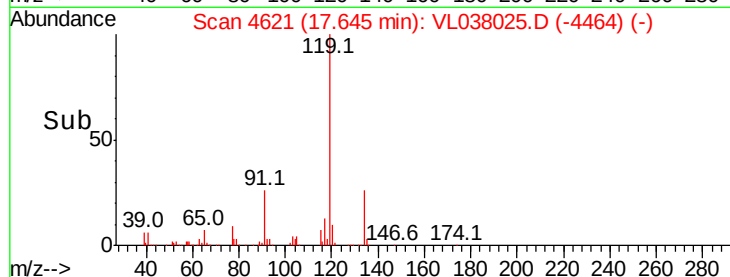
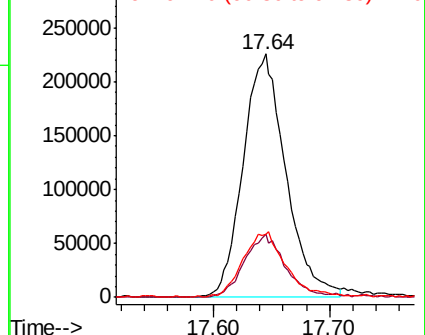
91 26.4 22.2 33.2



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: 1.320 ppbv

RT: 18.54 min Scan# 4899

Delta R.T. -0.00 min

Lab File: VL038025.D

Acq: 16 Nov 2021 3:06

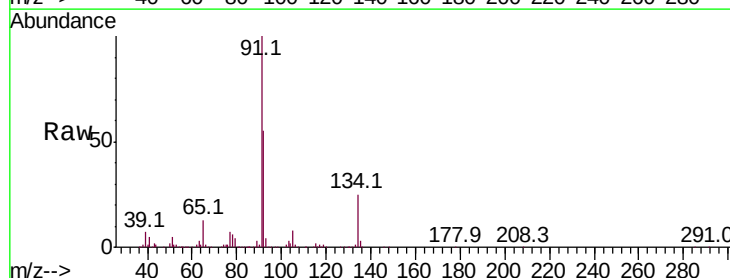
Tgt Ion: 91 Resp: 511567

Ion Ratio Lower Upper

91 100

92 55.7 44.2 66.2

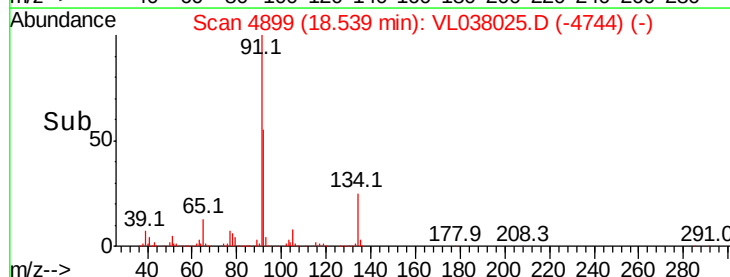
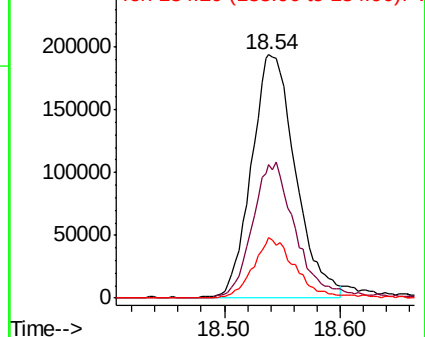
134 24.2 19.7 29.5

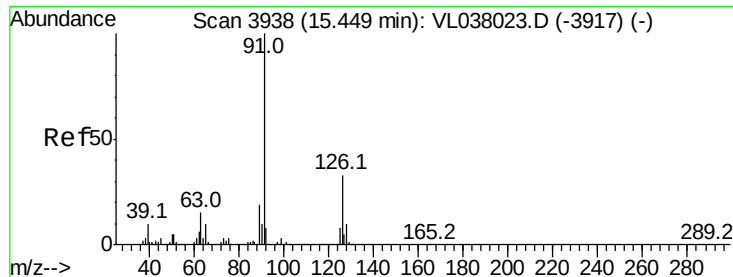


Abundance Ion 91.10 (90.80 to 91.80): V

Ion 92.10 (91.80 to 92.80): V

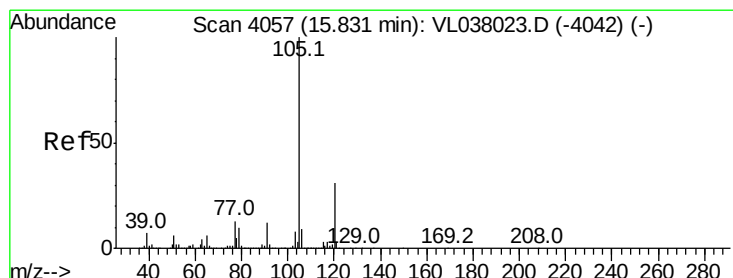
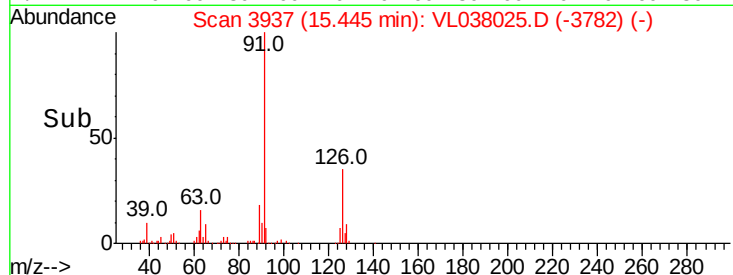
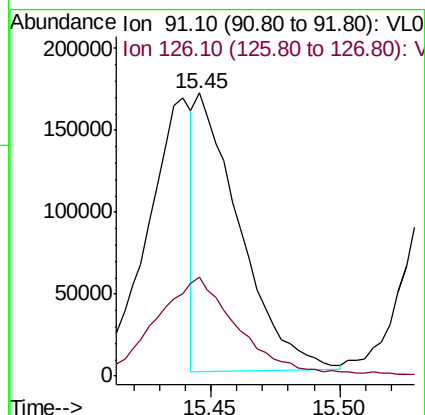
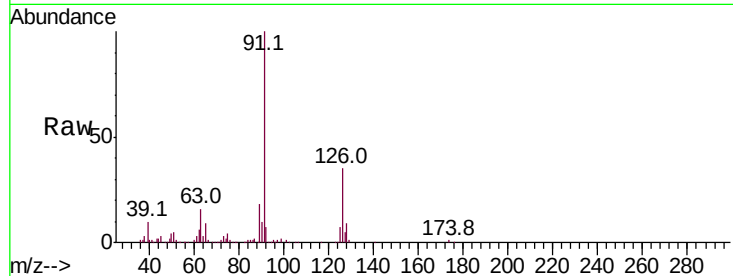
Ion 134.20 (133.90 to 134.90): V





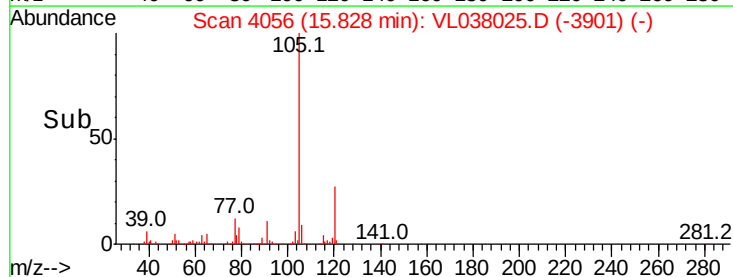
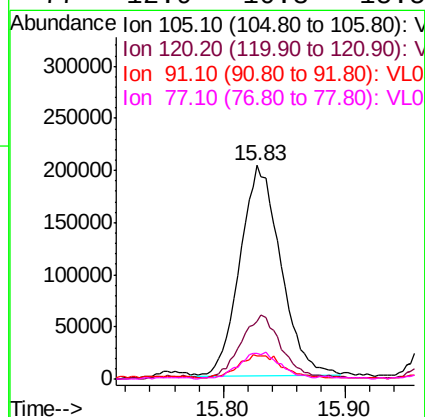
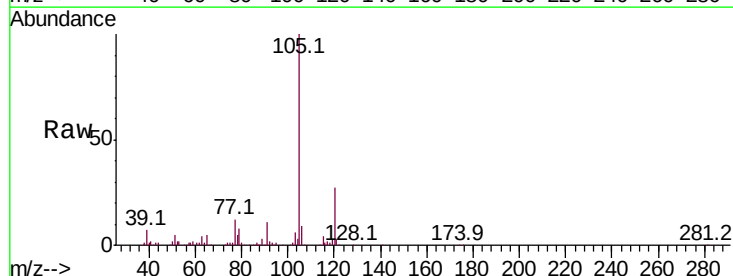
#71
 2-Chlorotoluene
 Concen: 0.659 ppbv
 RT: 15.45
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 16 Nov 2021 3:00

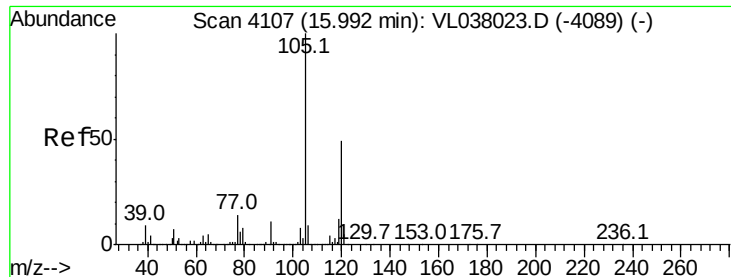
Tot Ion: 91 Resp: 200528
 Ion Ratio Lower Upper
 91 100
 126 69.4 13.5 54.1#



#72
 4-Ethyltoluene
 Concen: 1.327 ppbv
 RT: 15.83 min Scan# 4056
 Delta R.T. -0.00 min
 Lab File: VL038025.D
 Acq: 16 Nov 2021 3:06

Tgt Ion: 105 Resp: 468828
 Ion Ratio Lower Upper
 105 100
 120 30.4 24.6 36.8
 91 12.4 9.3 13.9
 77 12.9 10.3 15.5





#73

1,3,5-Trimethylbenzene

Concen: 1.291 ppbv

RT: 15.99 min

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

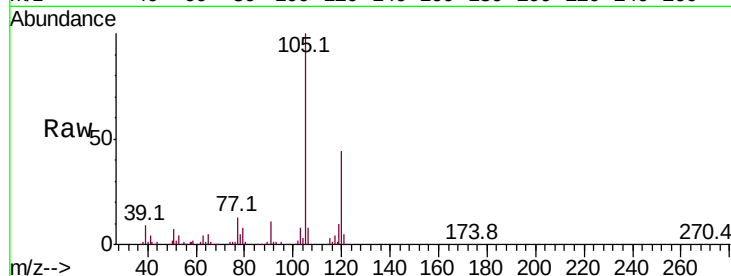
Acq: 16 Nov 2021 3:00

Tot Ion:105 Resp: 423692

Ion Ratio Lower Upper

105 100

120 44.3 38.8 58.2



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

15.99

200000

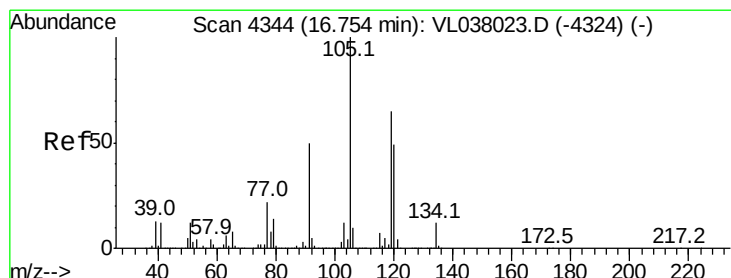
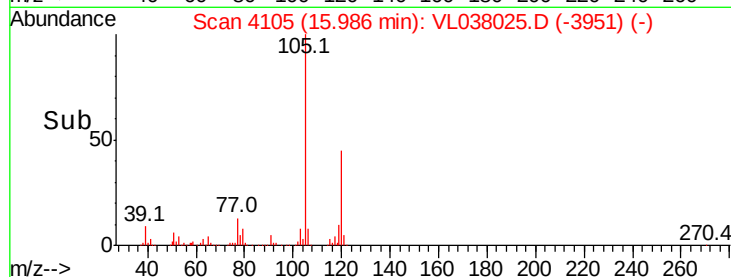
150000

100000

50000

0

Time-->



#74

1,2,4-Trimethylbenzene

Concen: 1.319 ppbv

RT: 16.75 min Scan# 4342

Delta R.T. -0.01 min

Lab File: VL038025.D

Acq: 16 Nov 2021 3:06

Tgt Ion:105 Resp: 450862

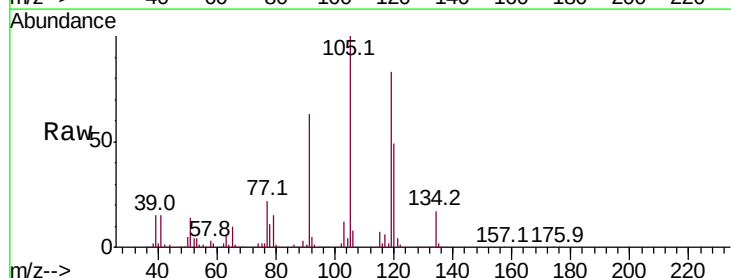
Ion Ratio Lower Upper

105 100

120 48.3 39.5 59.3

91 61.1 40.9 61.3

77 21.4 17.2 25.8



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

250000

200000

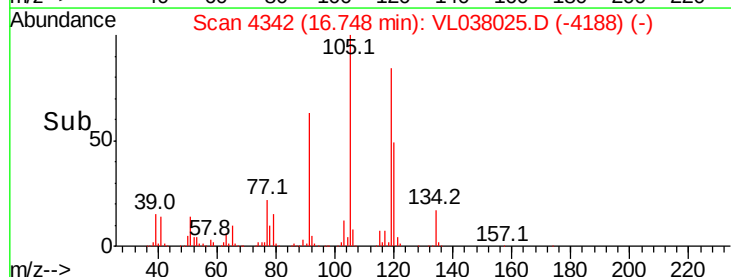
150000

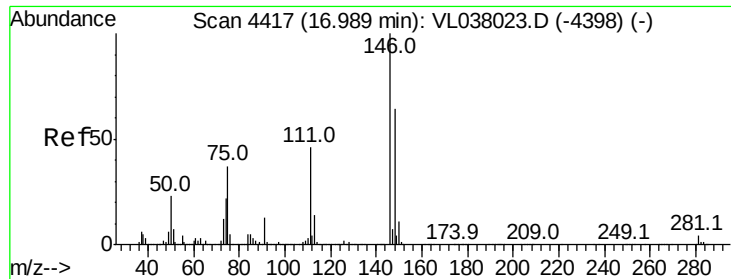
100000

50000

0

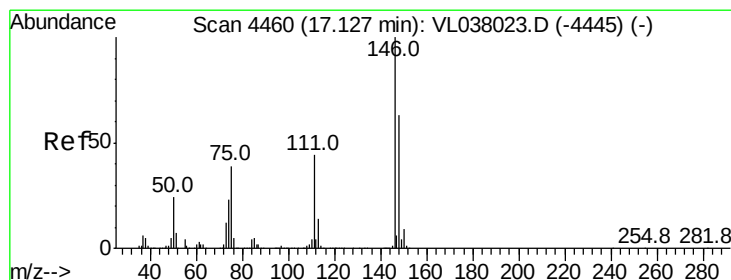
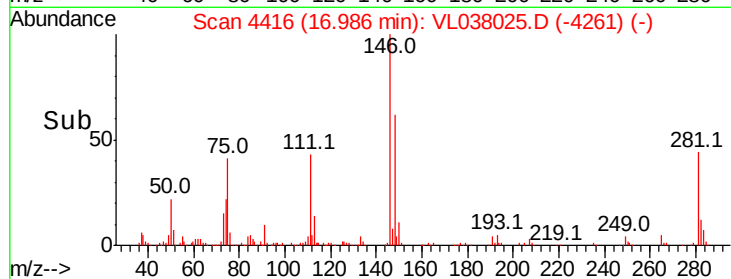
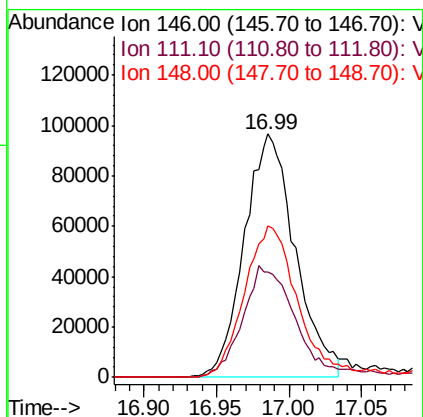
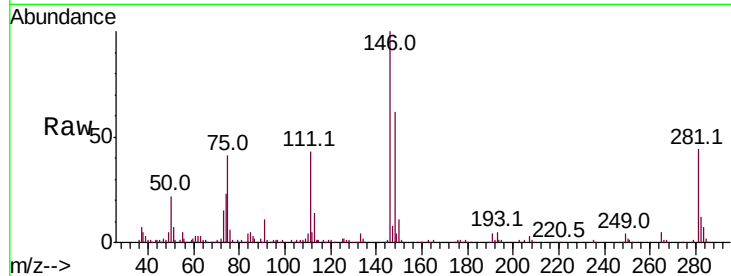
Time-->





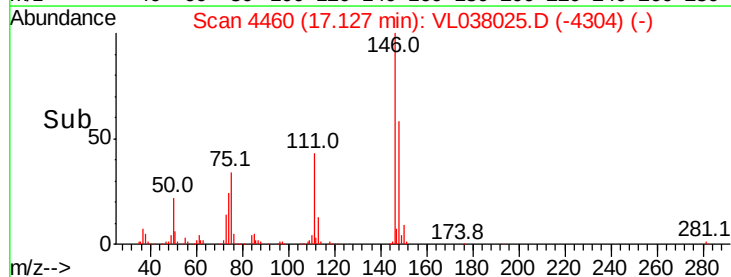
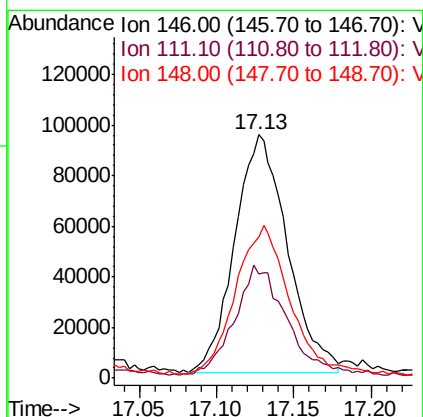
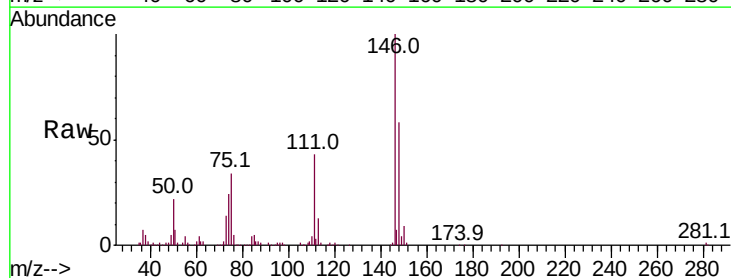
#75
 1,3-Dichlorobenzene
 Concen: 1.112 ppbv
 RT: 16.99 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 16 Nov 2021 3:00

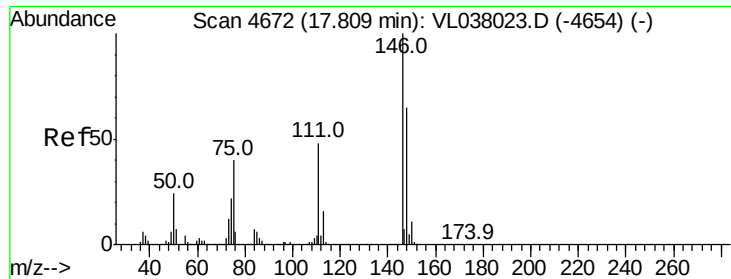
Tot Ion:	146	Resp:	235741
Ion	Ratio	Lower	Upper
146	100		
111	48.2	23.1	69.3
148	66.5	31.9	95.9



#76
 1,4-Dichlorobenzene
 Concen: 1.080 ppbv
 RT: 17.13 min Scan# 4460
 Delta R.T.: 0.00 min
 Lab File: VL038025.D
 Acq: 16 Nov 2021 3:06

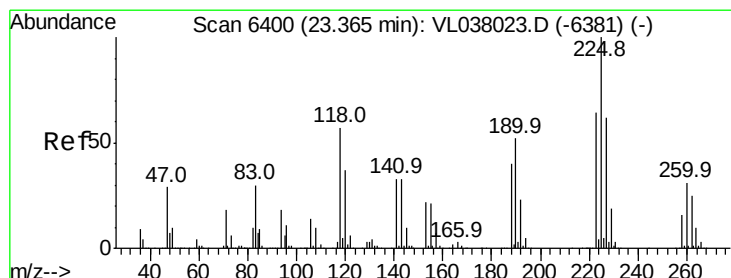
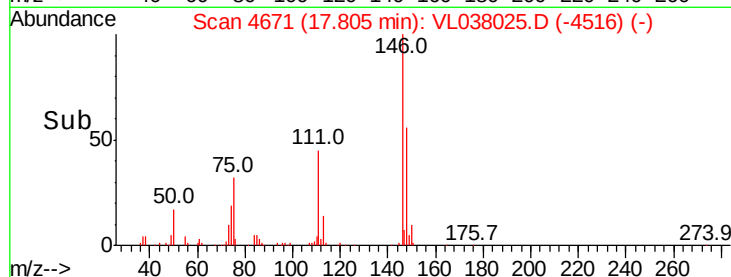
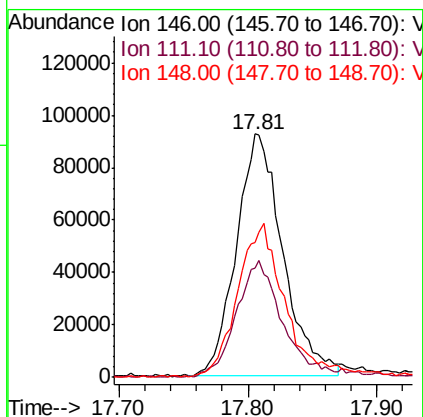
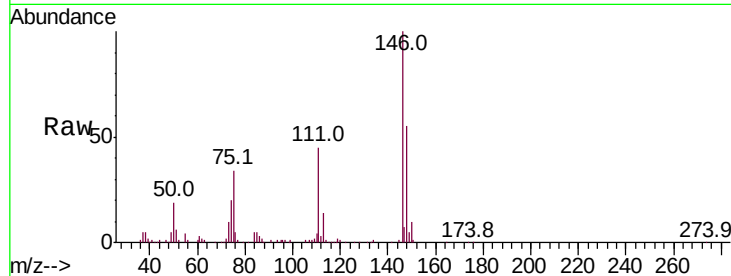
Tgt Ion:	146	Resp:	222244
Ion	Ratio	Lower	Upper
146	100		
111	50.0	22.5	67.5
148	71.3	32.6	98.0





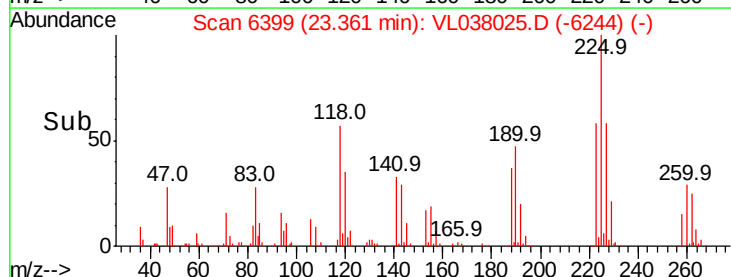
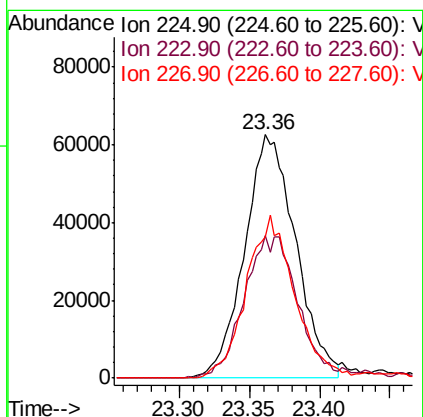
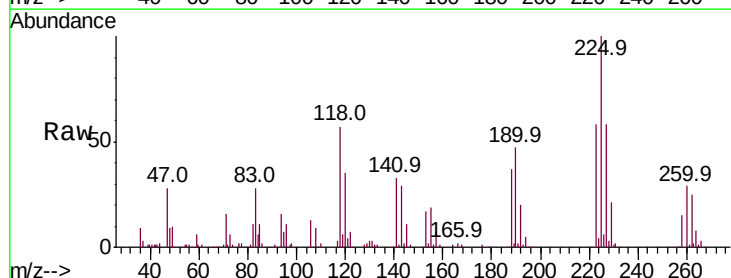
#77
 1,2-Dichlorobenzene
 Concen: 1.159 ppbv
 RT: 17.81 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 16 Nov 2021 3:00

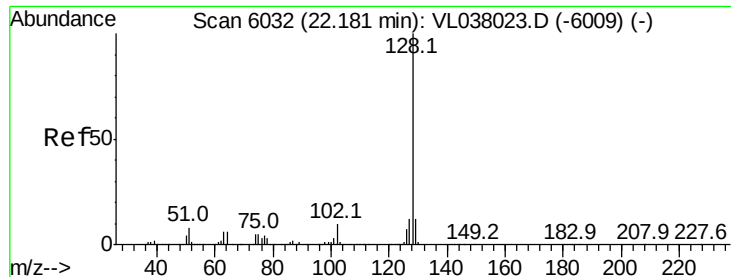
Tot Ion	Ratio	Lower	Upper
146	100		
111	49.2	24.2	72.6
148	67.5	32.5	97.5



#78
 Hexachloro-1,3-Butadiene
 Concen: 0.964 ppbv
 RT: 23.36 min Scan# 6399
 Delta R.T.: -0.00 min
 Lab File: VL038025.D
 Acq: 16 Nov 2021 3:06

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	51.0	76.4
227	65.4	51.4	77.2





#79

Naphthalene

Concen: 1.171 ppbv

RT: 22.19 min

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 16 Nov 2021 3:00

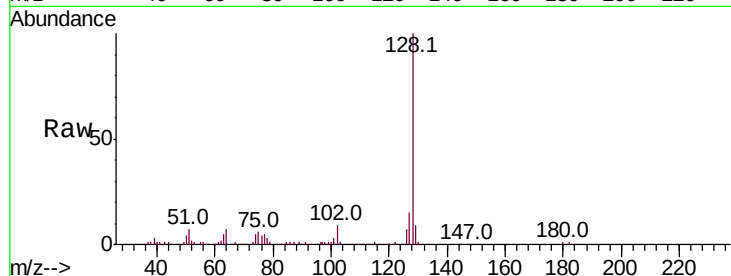
Tot Ion:128 Resp: 220636

Ion Ratio Lower Upper

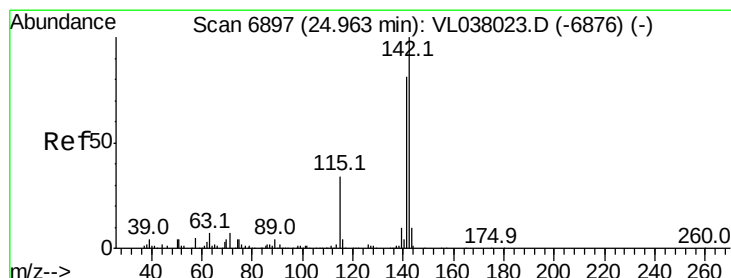
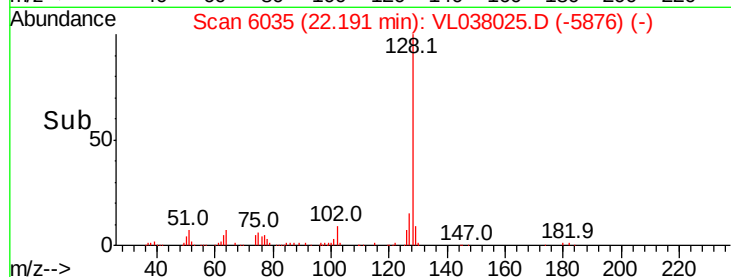
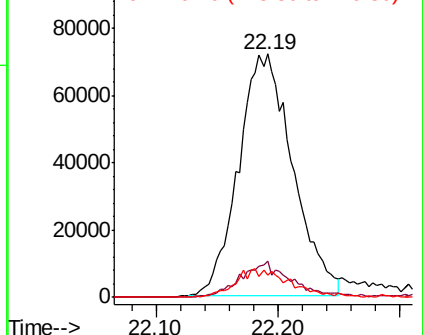
128 100

127 15.2 9.8 14.6#

129 10.2 9.4 14.0



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: 0.813 ppbv

RT: 24.98 min Scan# 6901

Delta R.T. 0.01 min

Lab File: VL038025.D

Acq: 16 Nov 2021 3:06

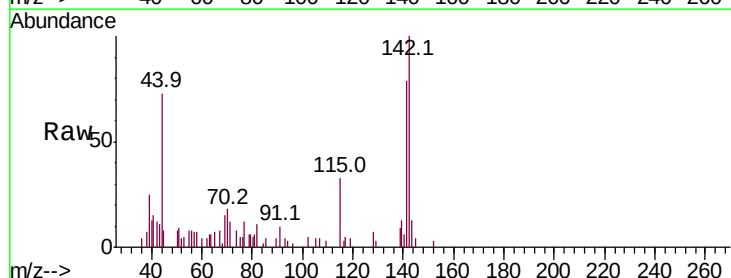
Tgt Ion:142 Resp: 26349

Ion Ratio Lower Upper

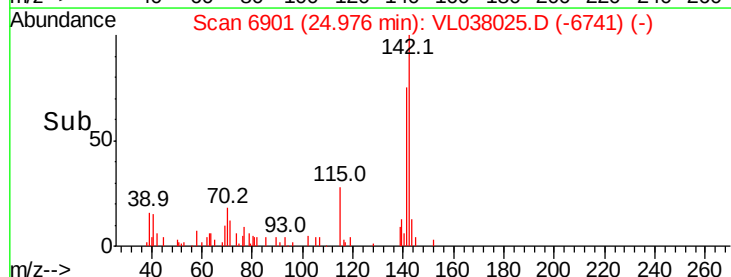
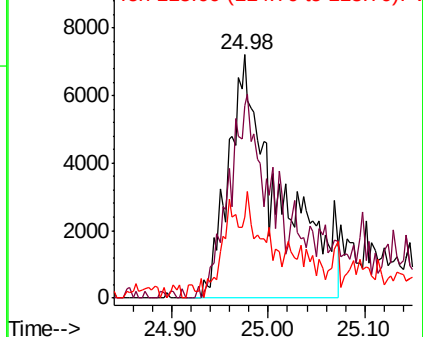
142 100

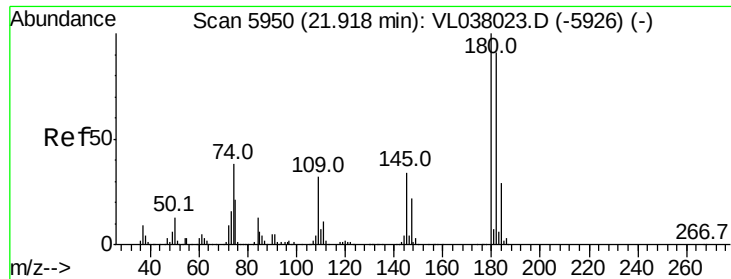
141 91.4 73.4 110.0

115 33.6 28.1 42.1



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





#81
 1,2,4-Trichlorobenzene
 Concen: 0.396 ppbv
 RT: 21.92
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 Acq: 16 Nov 2021 3:00

Tot Ion	180	Resp	48478
Ion Ratio	Lower	Upper	
180	100		
182	0.0	78.8	118.2#
184	83.4	24.3	36.5#

