

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040522\
 Data File : VL038812.D
 Acq On : 5 Apr 2022 15:55
 Operator : SY/AP
 Sample : VSTDICCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VSTDICCC010

Quant Time: Apr 11 06:26:40 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL040522AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Apr 06 06:12:53 2022
 QLast Update : Wed Apr 06 06:12:53 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1520415	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	4176497	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	4752657	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2867797	7.95	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	79.50%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.05	85	1957799	9.078	ppbv 100
3) Chlorodifluoromethane	2.99	51	1741752	9.387	ppbv 100
4) Chloromethane	3.14	50	917967	9.554	ppbv 100
5) Vinyl Chloride	3.26	62	851739	9.594	ppbv 100
6) Bromomethane	3.47	94	411671	9.584	ppbv 100
7) Chloroethane	3.56	64	295626	9.986	ppbv 100
8) Dichlorotetrafluoroethane	3.19	85	1875770	9.311	ppbv 100
9) Propene	3.01	41	942804	9.603	ppbv 100
10) Heptane	8.11	43	2318642	9.376	ppbv 100
11) Trichlorofluoromethane	3.95	101	1671141	9.643	ppbv 100
12) 1,1,2-Trichlorotrifluoroet	4.48	101	1261269	9.502	ppbv 100
13) Ethanol	3.60	45	31273	5.242	ppbv # 100
14) Bromoethene	3.74	108	541003	9.267	ppbv 99
15) Acetone	3.84	43	1350178	8.920	ppbv 99
16) 1,3-Butadiene	3.33	39	833703	9.634	ppbv 100
17) tert-Butyl alcohol	4.28	59	1374434	10.126	ppbv 99
18) 1,1-Dichloroethene	4.29	96	562389	9.294	ppbv 100
19) Isopropyl Alcohol	3.96	45	696481	9.002	ppbv # 100
20) Methylene Chloride	4.34	84	501907	9.143	ppbv 100
21) Allyl Chloride	4.41	41	1061318	9.364	ppbv 100
22) trans-1,2-Dichloroethene	4.88	96	625735	10.213	ppbv 100
23) Vinyl Acetate	5.07	43	1439628	9.766	ppbv 100
24) 1,1-Dichloroethane	5.01	63	1311897	9.848	ppbv 100
25) Ethyl Acetate	5.67	43	3765534	9.804	ppbv 99
26) Hexane	5.68	57	1627244	9.308	ppbv 100
27) Carbon Disulfide	4.55	76	1618786	10.097	ppbv 99
28) Methyl tert-Butyl Ether	5.03	73	1326514	9.824	ppbv 100
29) Chloroform	5.75	83	2323833	9.500	ppbv 100
30) Cyclohexane	7.12	84	1419832	9.215	ppbv 100
31) cis-1,2-Dichloroethene	5.55	61	1540868	9.586	ppbv 100
32) 1,1,1-Trichloroethane	6.51	97	2343492	9.509	ppbv 100
34) 2-Butanone	5.24	43	1611560	9.765	ppbv 100
35) Carbon Tetrachloride	7.02	117	2387315	9.534	ppbv 100
36) Benzene	6.89	78	3515770	9.253	ppbv 100
37) 1,2-Dichloroethane	6.30	62	1704032	9.810	ppbv 100
38) Trichloroethene	7.83	130	1412802	9.062	ppbv 100
39) 1,2-Dichloropropane	7.61	63	1367069	9.407	ppbv 100
40) 1,4-Dioxane	7.83	88	420120	8.513	ppbv # 93
41) Tetrahydrofuran	6.04	42	1486591	9.485	ppbv 100
42) Bromodichloromethane	7.79	83	2610451	9.516	ppbv 100
43) Methyl Methacrylate	8.01	69	1451105	9.972	ppbv 100

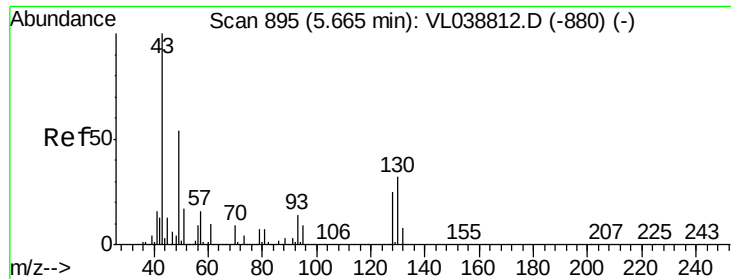
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040522\
 Data File : VL038812.D
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 Operator : SY/AP
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Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Quant Time: Apr 11 06:26:40 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL040522AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Apr 06 06:12:53 2022
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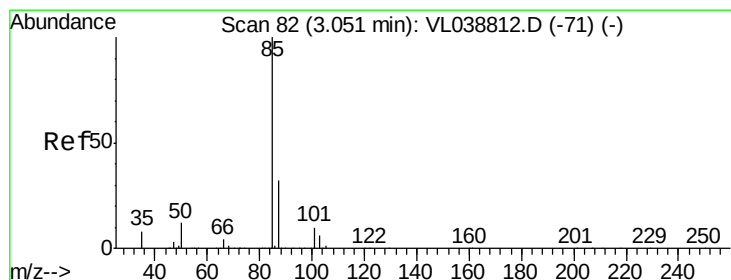
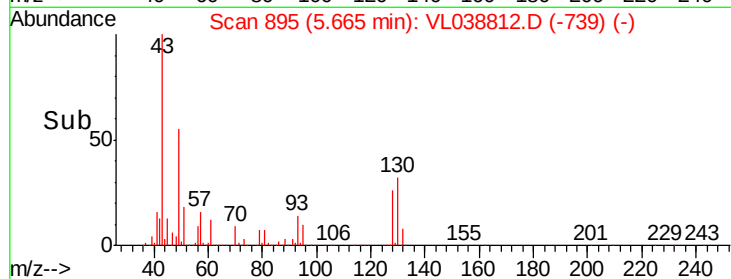
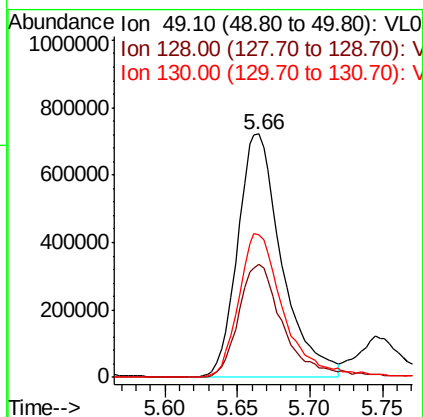
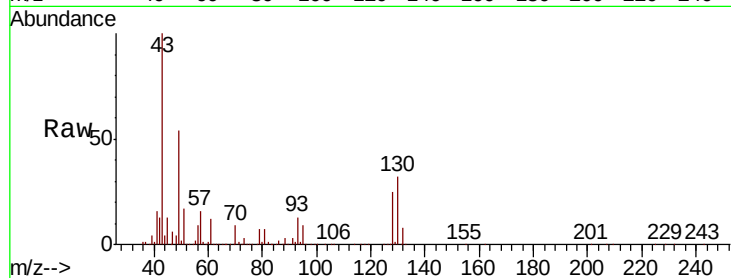
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.87	57	5790020	9.001	ppbv	100
45) t-1,3-Dichloropropene	9.27	75	1650872	10.850	ppbv	100
46) cis-1,3-Dichloropropene	8.69	75	2053234	10.235	ppbv	100
47) 1,1,2-Trichloroethane	9.47	97	1403725	9.427	ppbv	100
48) Dibromochloromethane	10.30	129	2331618	9.990	ppbv	99
49) Bromoform	13.03	173	1836633	9.936	ppbv	99
50) 4-Methyl-2-Pentanone	8.73	43	3676992	9.905	ppbv	100
51) 2-Hexanone	10.12	43	2871710	10.267	ppbv #	100
52) Tetrachloroethene	11.22	164	1192282	8.984	ppbv	100
53) Toluene	9.80	91	4024367	9.175	ppbv	100
54) 1,2-Dibromoethane	10.61	107	2004842	9.693	ppbv	100
56) 1,1,1,2-Tetrachloroethane	12.11	131	1572750	7.551	ppbv	94
57) Chlorobenzene	12.14	112	2900718	7.452	ppbv	100
58) Ethyl Benzene	12.70	91	5259150	7.405	ppbv	100
59) m/p-Xylene	12.99	91	4963910	8.320	ppbv #	48
60) o-Xylene	13.69	91	4056207	7.265	ppbv	100
61) Styrene	13.52	104	2678460	7.875	ppbv	100
62) Isopropylbenzene	14.66	105	6067932	7.241	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.67	83	2574810	7.282	ppbv	100
64) n-propylbenzene	15.55	120	1654674	7.605	ppbv	100
65) tert-Butylbenzene	16.73	119	5299653	7.128	ppbv	100
66) Benzyl Chloride	16.98	91	1464925	9.678	ppbv	100
67) sec-Butylbenzene	17.28	105	7474303	7.164	ppbv	100
69) p-Isopropyltoluene	17.64	119	6340180	7.401	ppbv	100
70) n-Butylbenzene	18.54	91	6460720	7.487	ppbv	100
71) 2-Chlorotoluene	15.45	91	4679485	7.426	ppbv	99
72) 4-Ethyltoluene	15.83	105	5140295	7.710	ppbv	100
73) 1,3,5-Trimethylbenzene	15.99	105	4542188	7.584	ppbv	100
74) 1,2,4-Trimethylbenzene	16.75	105	4615488	7.290	ppbv	100
75) 1,3-Dichlorobenzene	16.99	146	2777583	7.556	ppbv	100
76) 1,4-Dichlorobenzene	17.13	146	2732652	7.547	ppbv	99
77) 1,2-Dichlorobenzene	17.81	146	2745639	7.577	ppbv	100
78) Hexachloro-1,3-Butadiene	23.36	225	1907761	6.664	ppbv	100
79) Naphthalene	22.18	128	4062602	8.578	ppbv	100
80) Naphthalene, 2-methyl-	24.96	142	1113596	9.542	ppbv	100
81) 1,2,4-Trichlorobenzene	21.91	180	2154187	7.772	ppbv	99

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



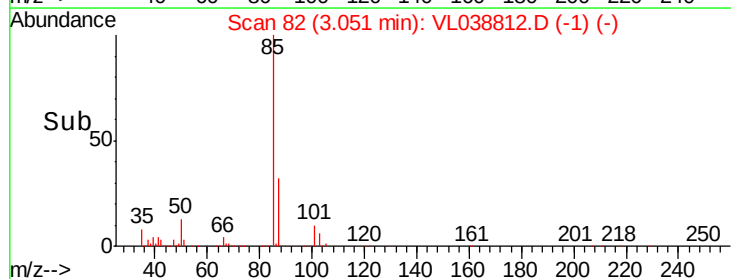
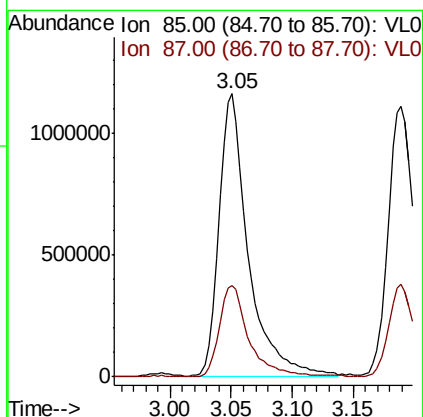
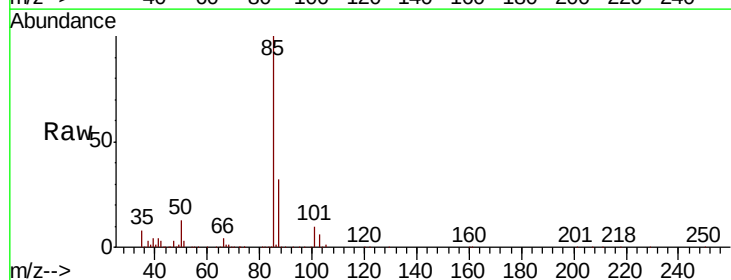
#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.66
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDICCC010
 Acq: 5 Apr 2022 15:55

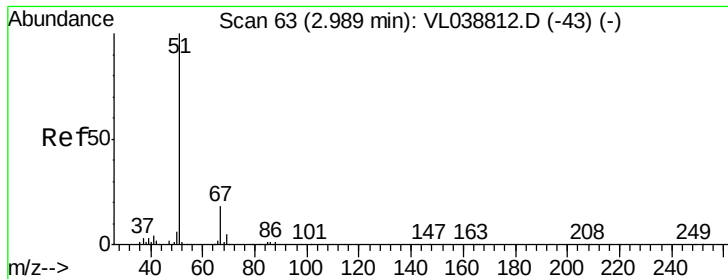
Tot Ion: 49 Resp: 1520415
 Ion Ratio Lower Upper
 49 100
 128 48.4 24.1 72.3
 130 61.3 30.9 92.8



#2
 Dichlorodifluoromethane
 Concen: 9.078 ppbv
 RT: 3.05 min Scan# 82
 Delta R.T.: 0.00 min
 Lab File: VL038812.D
 Acq: 5 Apr 2022 15:55

Tgt Ion: 85 Resp: 1957799
 Ion Ratio Lower Upper
 85 100
 87 32.4 25.9 38.9





#3

Chlorodifluoromethane

Concen: 9.387 ppbv

RT: 2.99 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDICCC010

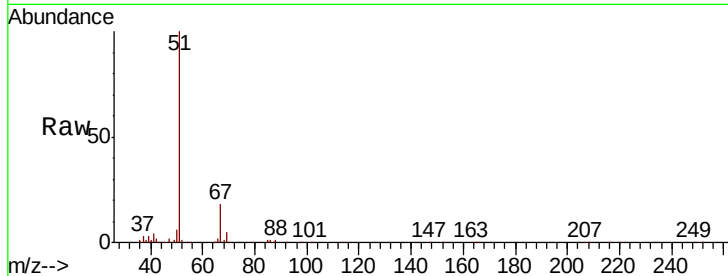
Acq: 5 Apr 2022 15:55

Tot Ion: 51 Resp: 1741752

Ion Ratio Lower Upper

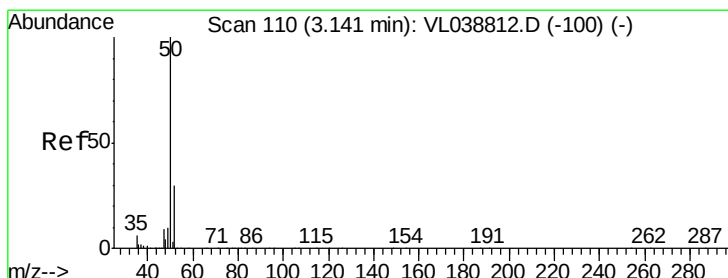
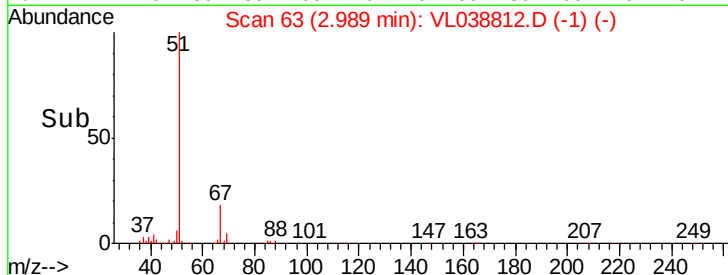
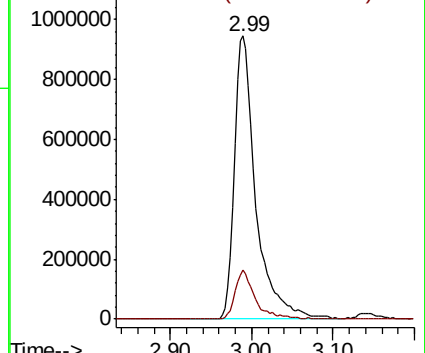
51 100

67 16.7 13.4 20.0



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 9.554 ppbv

RT: 3.14 min Scan# 110

Delta R.T. 0.00 min

Lab File: VL038812.D

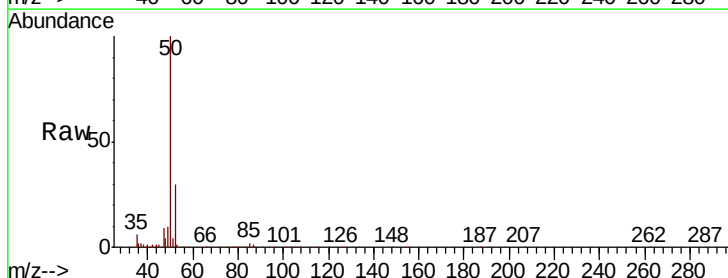
Acq: 5 Apr 2022 15:55

Tgt Ion: 50 Resp: 917967

Ion Ratio Lower Upper

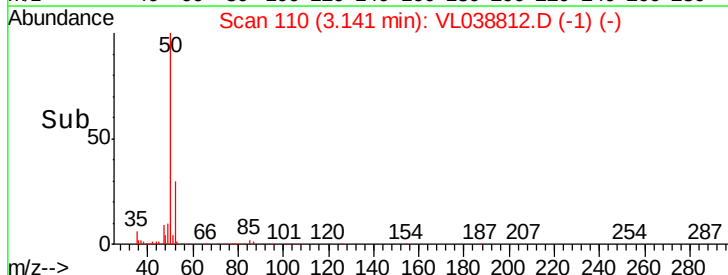
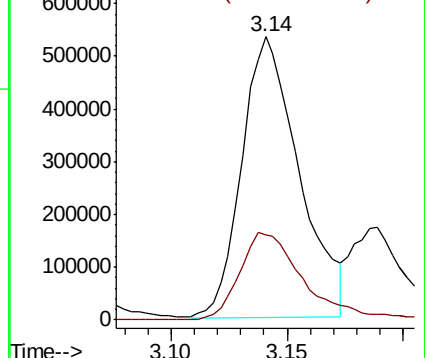
50 100

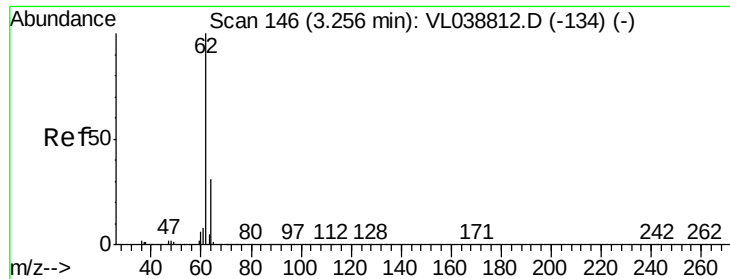
52 30.4 24.3 36.5



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#5

Vinyl Chloride

Concen: 9.594 ppbv

RT: 3.26 Instrument: MSVOA_1

Delta R.T. 0.00 min

Lab File: ClientSampleId: VSTDICCC010

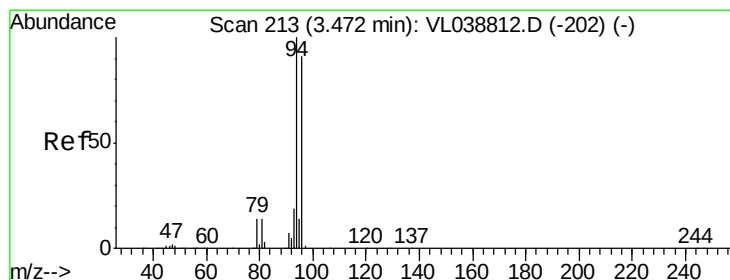
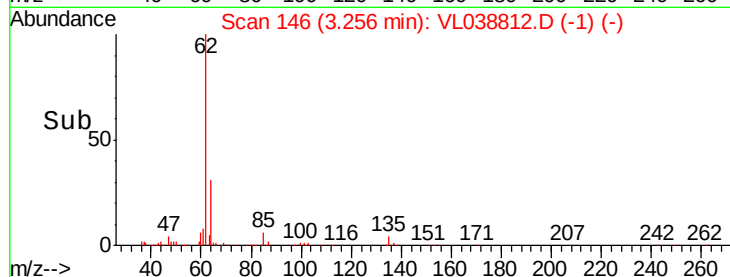
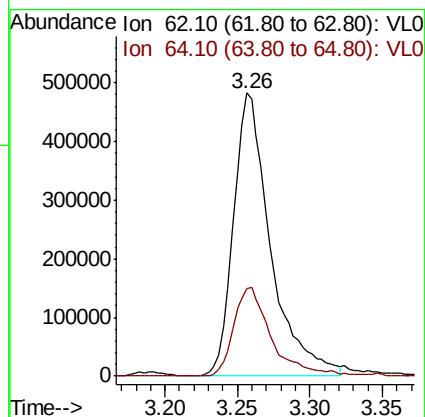
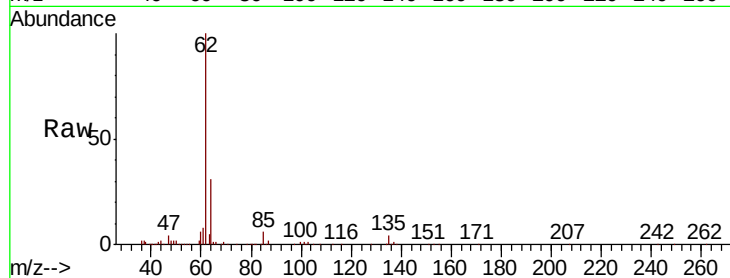
Acq: 5 Apr 2022 15:55

Tot Ion: 62 Resp: 851739

Ion Ratio Lower Upper

62 100

64 30.8 24.6 37.0



#6

Bromomethane

Concen: 9.584 ppbv

RT: 3.47 min Scan# 213

Delta R.T. 0.00 min

Lab File: VL038812.D

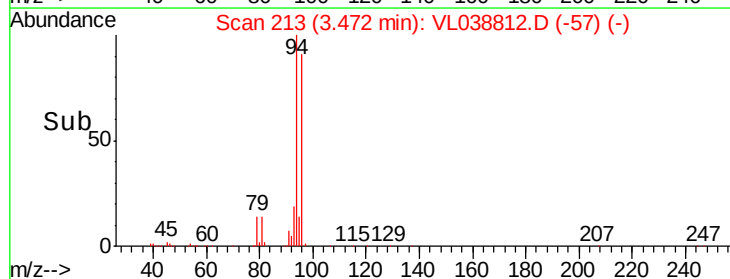
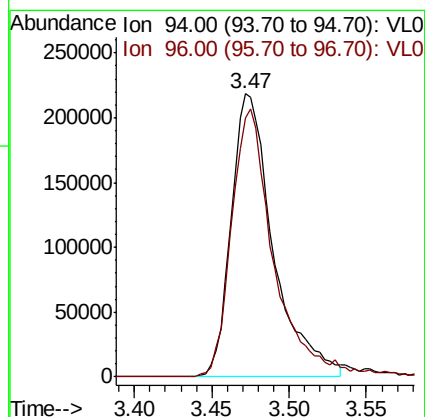
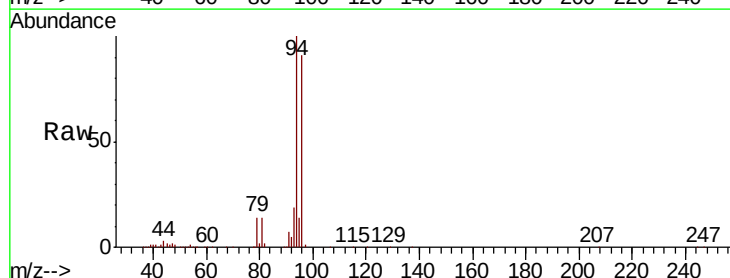
Acq: 5 Apr 2022 15:55

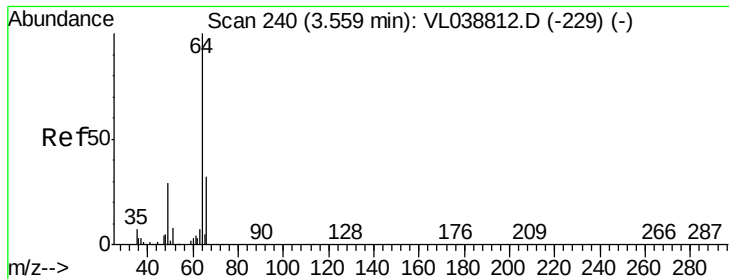
Tgt Ion: 94 Resp: 411671

Ion Ratio Lower Upper

94 100

96 91.5 73.2 109.8





#7

Chloroethane

Concen: 9.986 ppbv

RT: 3.56 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

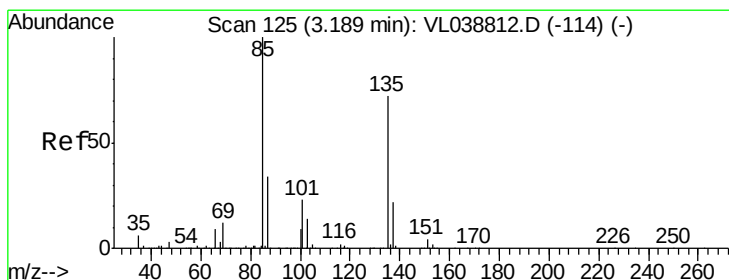
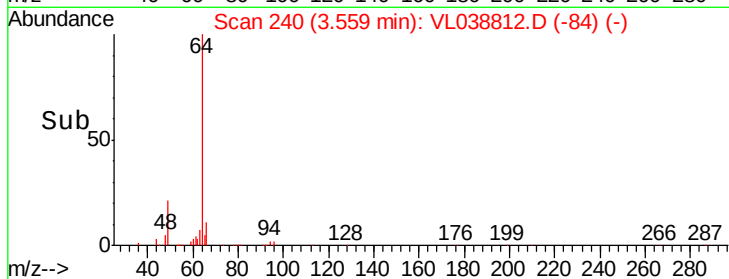
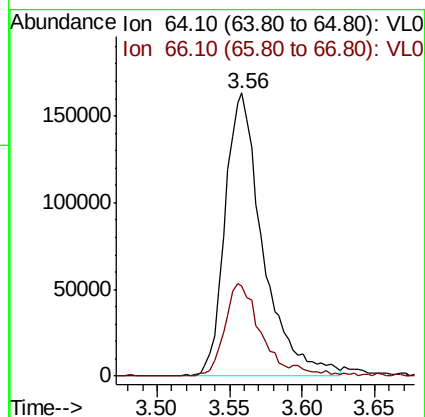
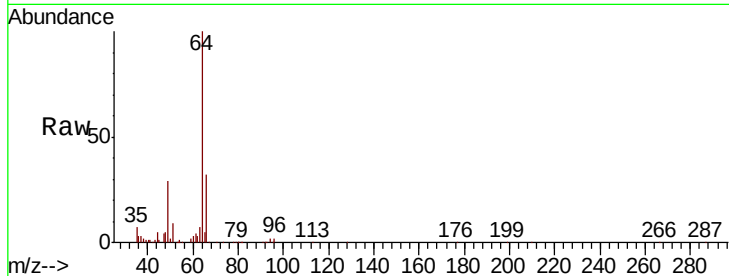
Acq: 5 Apr 2022 15:55 VSTDICCC010

Tot Ion: 64 Resp: 295626

Ion Ratio Lower Upper

64 100

66 31.8 25.4 38.2



#8

Dichlorotetrafluoroethane

Concen: 9.311 ppbv

RT: 3.19 min Scan# 125

Delta R.T. 0.00 min

Lab File: VL038812.D

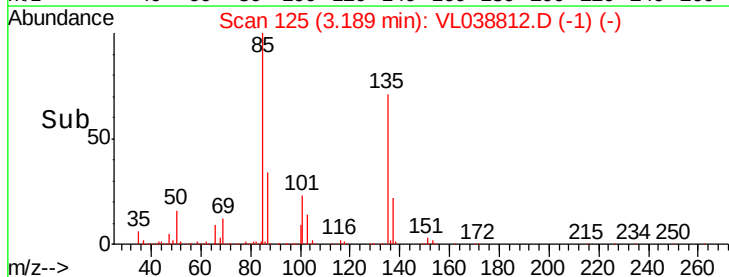
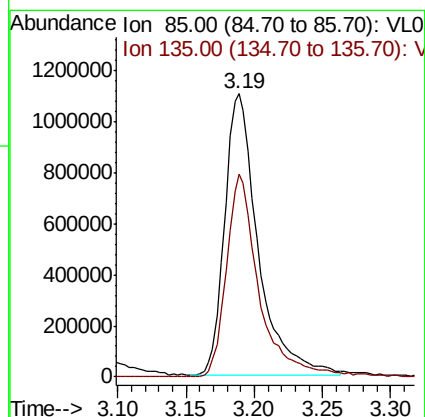
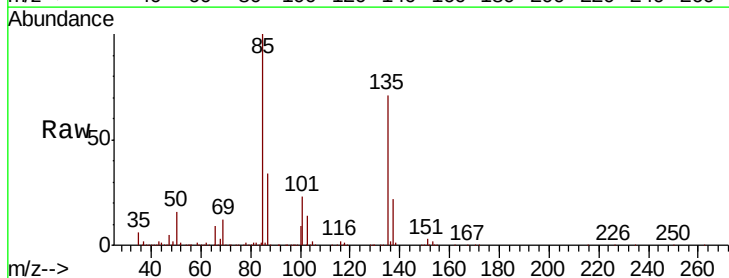
Acq: 5 Apr 2022 15:55

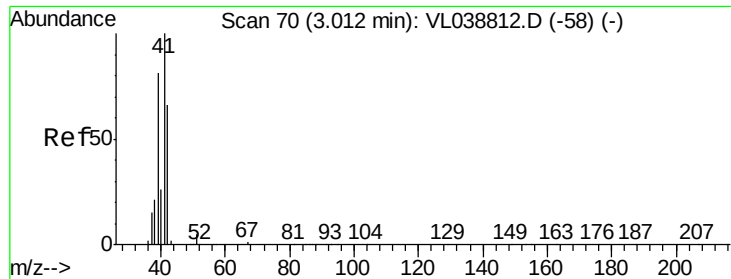
Tgt Ion: 85 Resp: 1875770

Ion Ratio Lower Upper

85 100

135 71.3 57.0 85.6





#9

Propene

Concen: 9.603 ppbv

RT: 3.01 Instrument :

Delta R.T. MSVOA_1

Lab File: ClientSampleId :

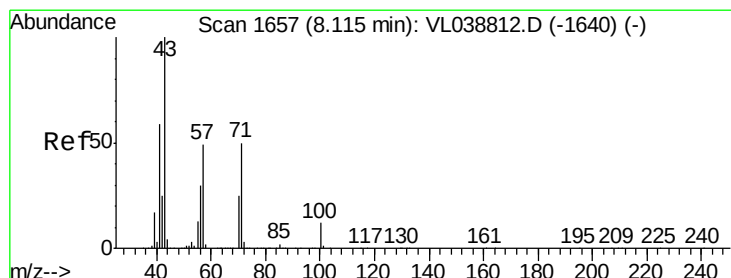
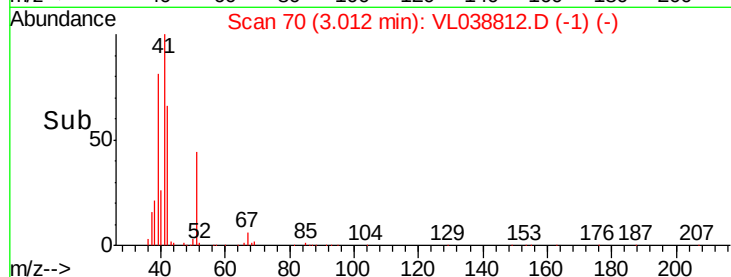
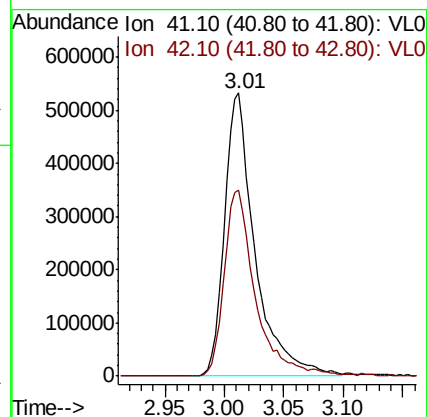
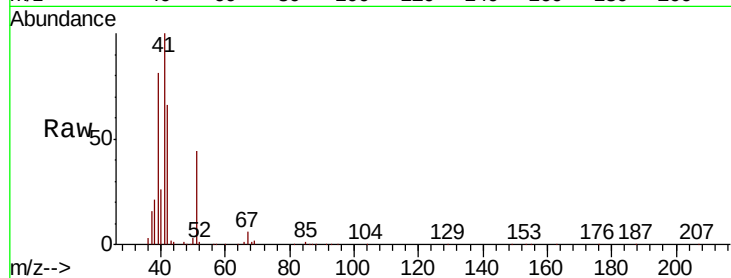
Acq: 5 Apr 2022 15:55 VSTDICCC010

Tot Ion: 41 Resp: 942804

Ion Ratio Lower Upper

41 100

42 67.8 54.2 81.4



#10

Heptane

Concen: 9.376 ppbv

RT: 8.11 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VL038812.D

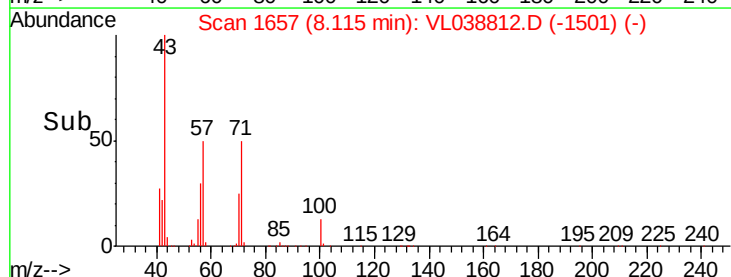
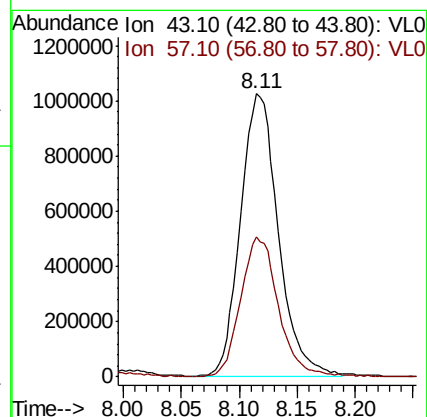
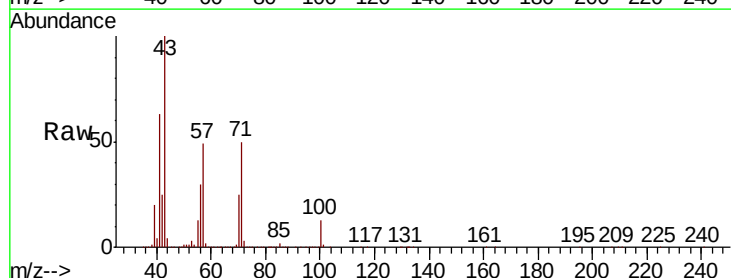
Acq: 5 Apr 2022 15:55

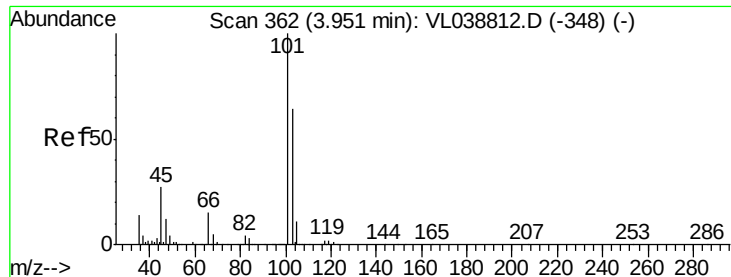
Tgt Ion: 43 Resp: 2318642

Ion Ratio Lower Upper

43 100

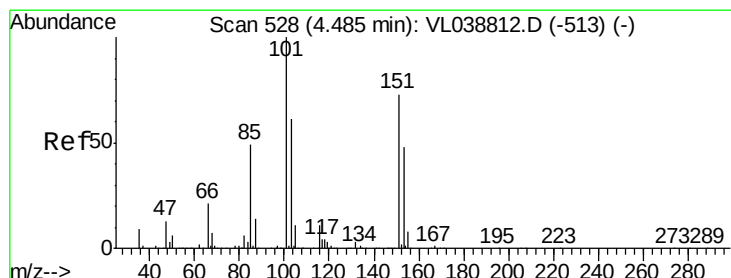
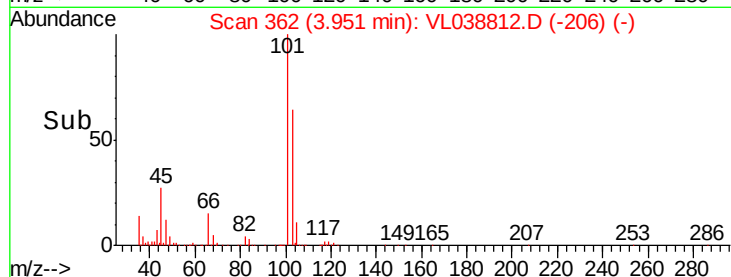
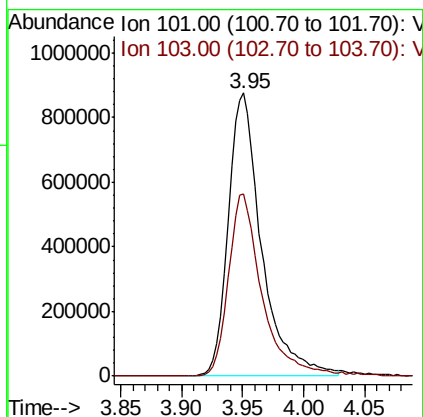
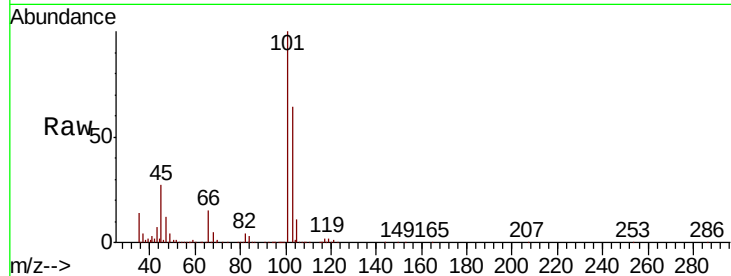
57 49.3 39.3 58.9





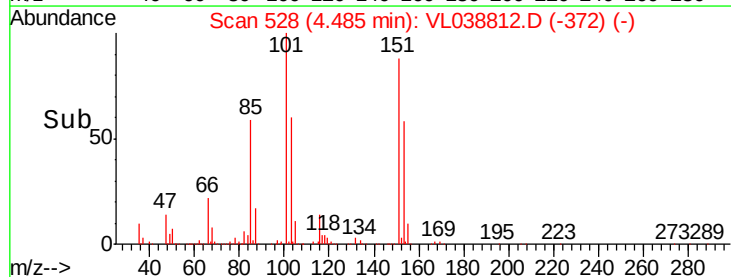
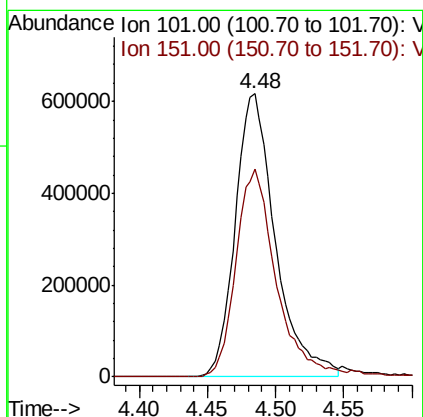
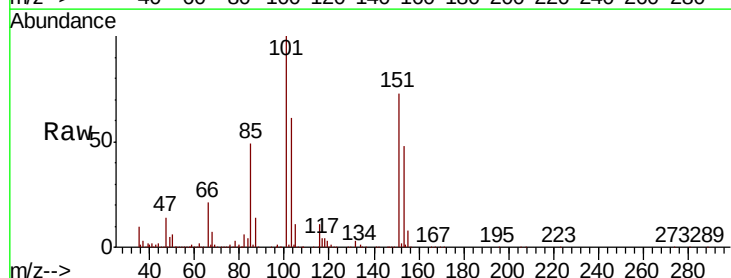
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 Trichlorofluoromethane
 Concen: 9.643 ppbv
 RT: 3.95 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDICCC010
 Acq: 5 Apr 2022 15:55

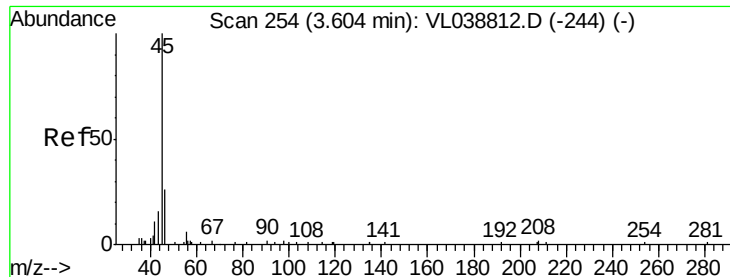
Tot Ion:101 Resp: 1671141
 Ion Ratio Lower Upper
 101 100
 103 64.2 51.4 77.0



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.502 ppbv
 RT: 4.48 min Scan# 528
 Delta R.T.: 0.00 min
 Lab File: VL038812.D
 Acq: 5 Apr 2022 15:55

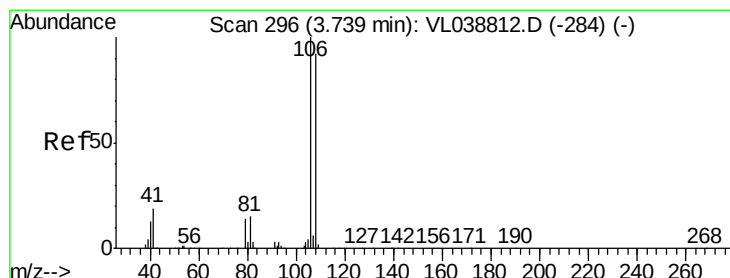
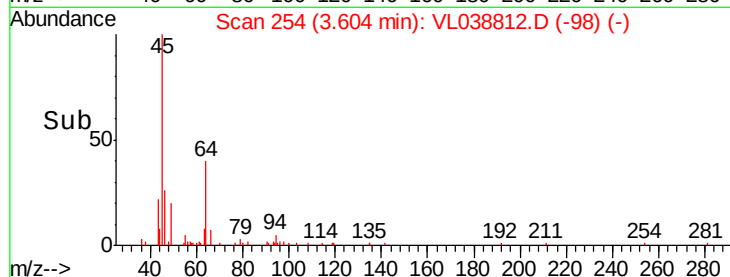
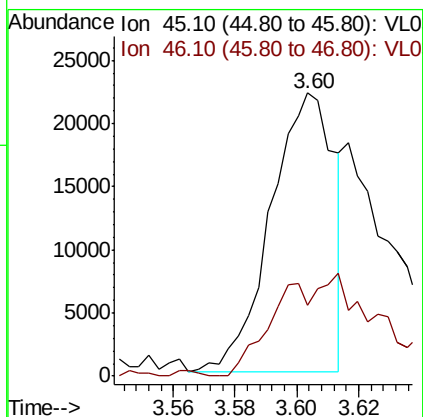
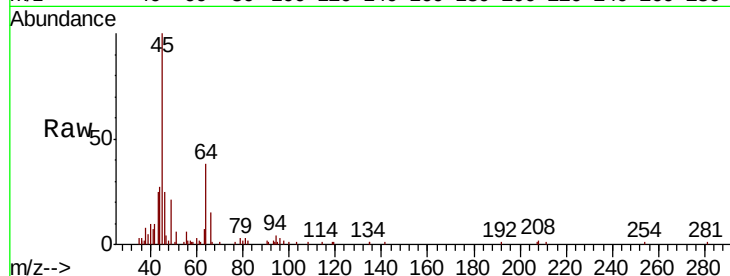
Tgt Ion:101 Resp: 1261269
 Ion Ratio Lower Upper
 101 100
 151 75.0 59.9 89.9





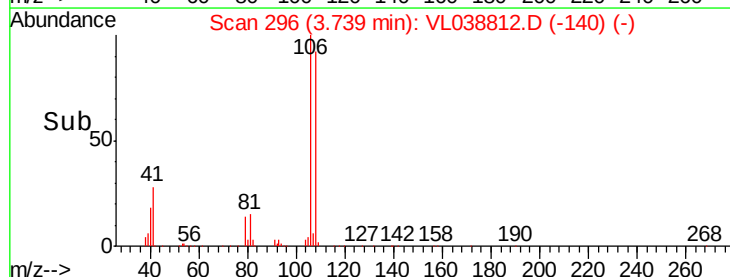
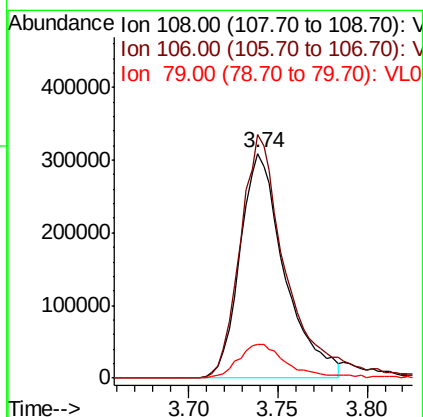
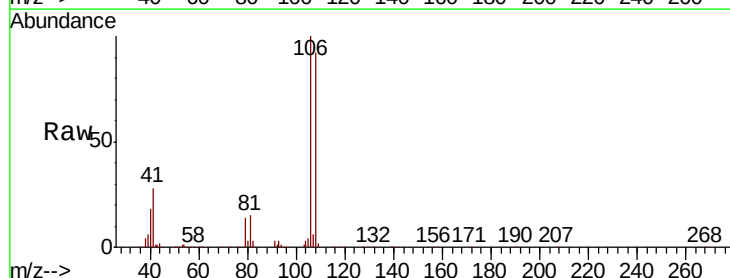
#13
Ethanol
Concen: 5.242 ppbv
RT: 3.60
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 5 Apr 2022 15:55

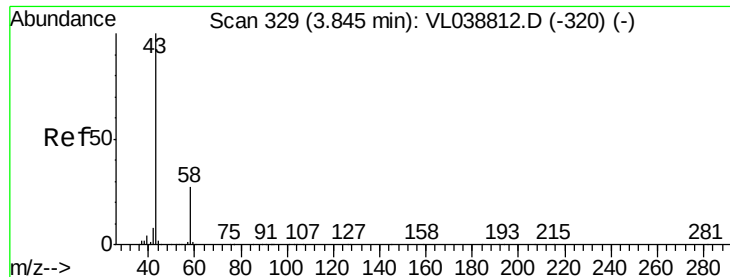
Tot Ion: 45 Resp: 31273
Ion Ratio Lower Upper
45 100
46 0.0 0.0 0.0



#14
Bromoethene
Concen: 9.267 ppbv
RT: 3.74 min Scan# 296
Delta R.T. 0.00 min
Lab File: VL038812.D
Acq: 5 Apr 2022 15:55

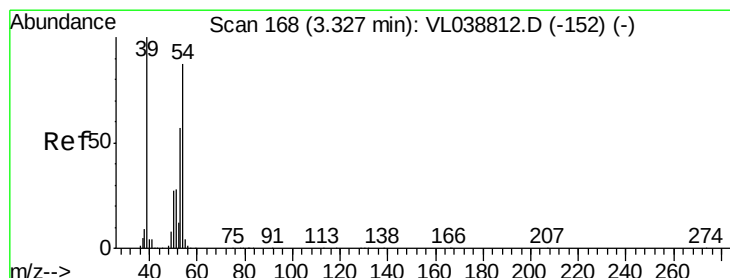
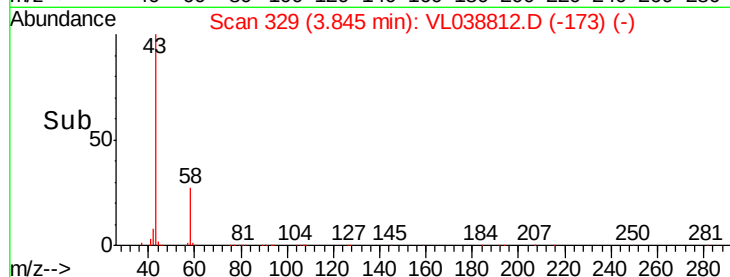
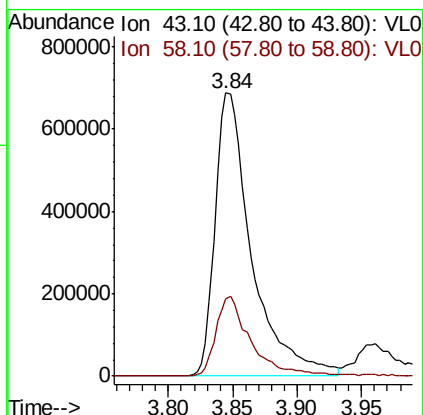
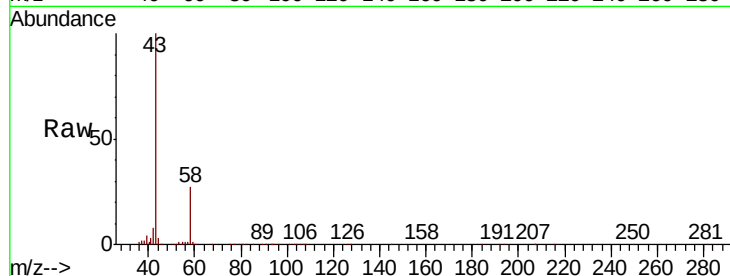
Tgt Ion: 108 Resp: 541003
Ion Ratio Lower Upper
108 100
106 113.8 91.5 137.3
79 17.6 13.7 20.5





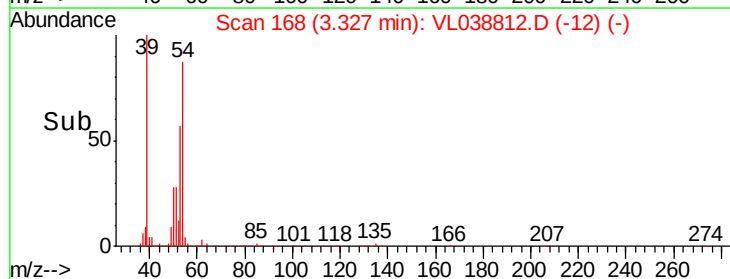
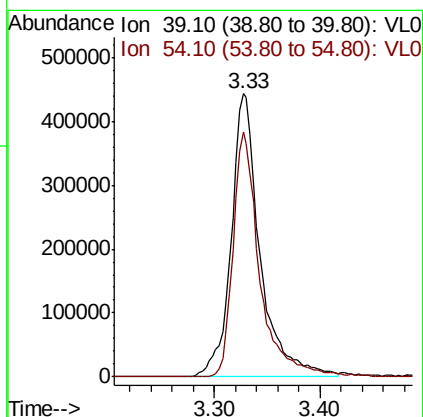
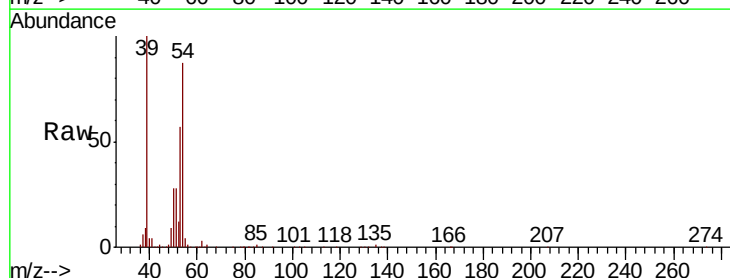
#15
Acetone
Concen: 8.920 ppbv
RT: 3.84
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 5 Apr 2022 15:55

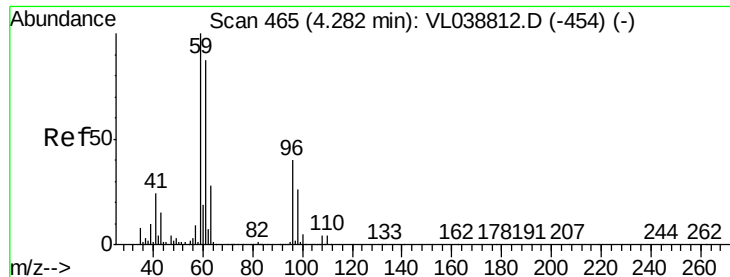
Tot Ion: 43 Resp: 1350178
Ion Ratio Lower Upper
43 100
58 27.7 22.5 33.7



#16
1,3-Butadiene
Concen: 9.634 ppbv
RT: 3.33 min Scan# 168
Delta R.T. 0.00 min
Lab File: VL038812.D
Acq: 5 Apr 2022 15:55

Tgt Ion: 39 Resp: 833703
Ion Ratio Lower Upper
39 100
54 81.0 64.8 97.2





#17

tert-Butyl alcohol

Concen: 10.126 ppbv

RT: 4.28 Instrument: MSVOA_1

Delta R.T. 0.00 min

Lab File: ClientSampleId: VSTDICCC010

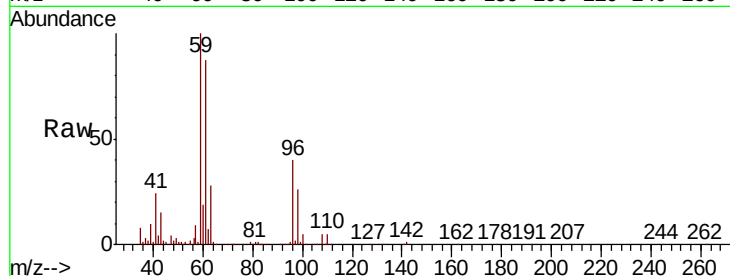
Acq: 5 Apr 2022 15:55

Tot Ion: 59 Resp: 1374434

Ion Ratio Lower Upper

59 100

57 10.8 8.5 12.7



Abundance Ion 59.10 (58.80 to 59.80): VL0

Ion 57.10 (56.80 to 57.80): VL0

4.28

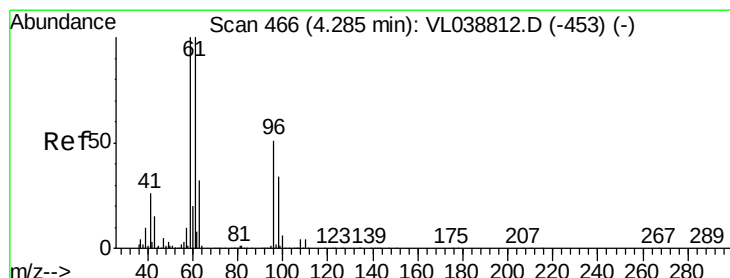
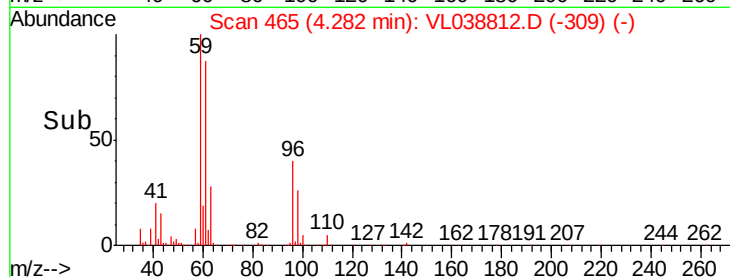
600000

400000

200000

0

Time--> 4.20 4.25 4.30 4.35



#18

1,1-Dichloroethene

Concen: 9.294 ppbv

RT: 4.29 min Scan# 466

Delta R.T. 0.00 min

Lab File: VL038812.D

Acq: 5 Apr 2022 15:55

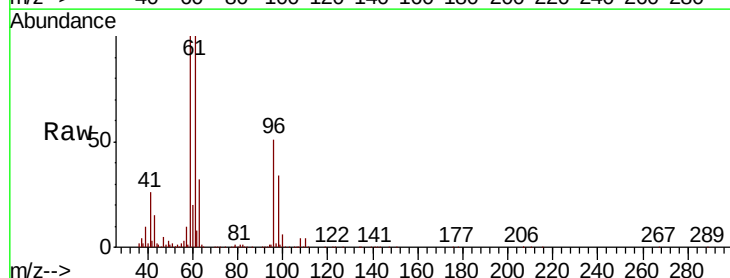
Tgt Ion: 96 Resp: 562389

Ion Ratio Lower Upper

96 100

61 195.1 156.1 234.1

98 66.3 53.0 79.6



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

800000

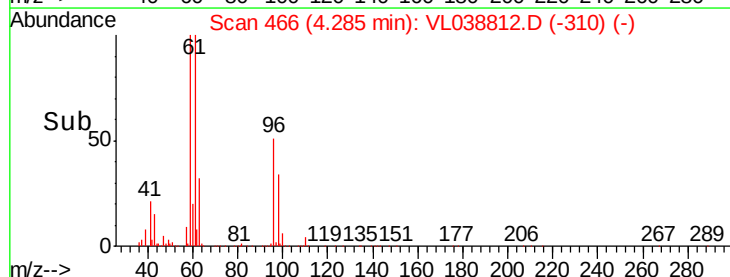
600000

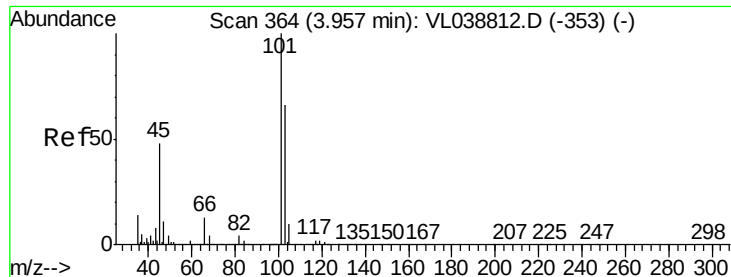
400000

200000

0

Time--> 4.25 4.30 4.35





#19

Isopropyl Alcohol

Concen: 9.002 ppbv

RT: 3.96 Instrument: MSVOA_1

Delta R.T. 0.00 min

Lab File: ClientSampleId: VSTDICCC010

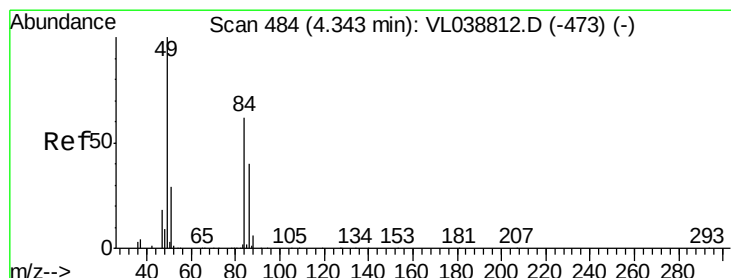
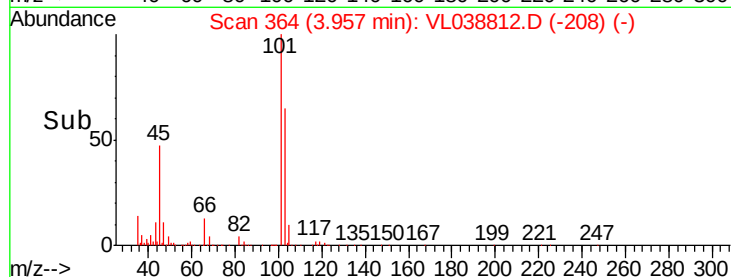
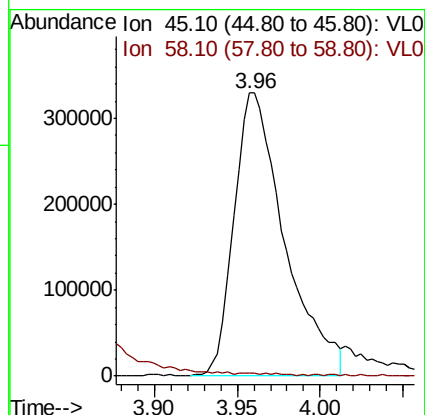
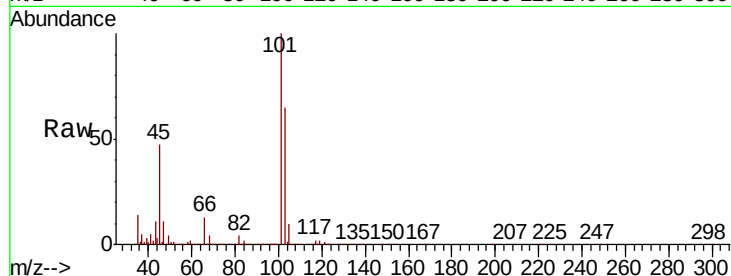
Acq: 5 Apr 2022 15:55

Tot Ion: 45 Resp: 696481

Ion Ratio Lower Upper

45 100

58 54.2 0.0 0.0#



#20

Methylene Chloride

Concen: 9.143 ppbv

RT: 4.34 min Scan# 484

Delta R.T. 0.00 min

Lab File: VL038812.D

Acq: 5 Apr 2022 15:55

Tgt Ion: 84 Resp: 501907

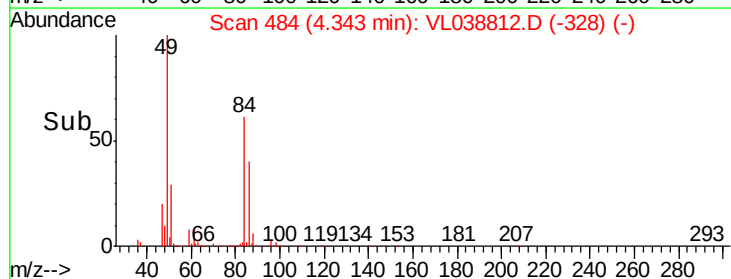
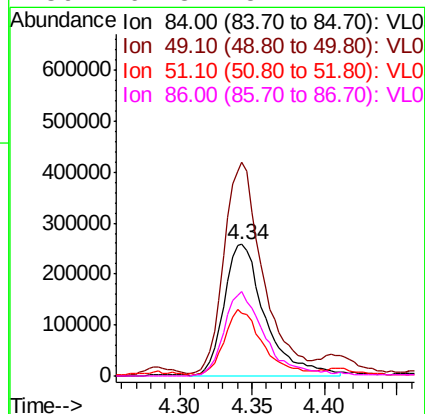
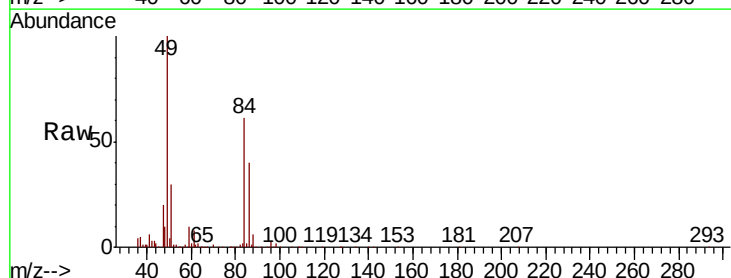
Ion Ratio Lower Upper

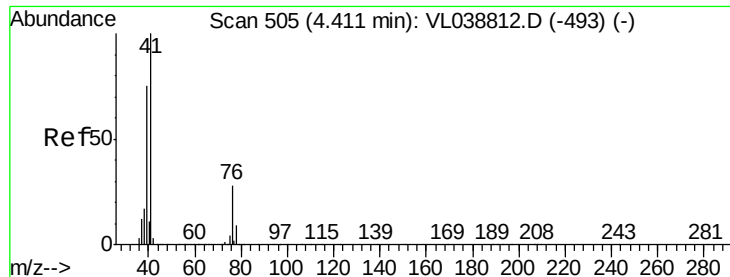
84 100

49 161.7 129.4 194.0

51 46.8 37.4 56.2

86 64.3 51.4 77.2

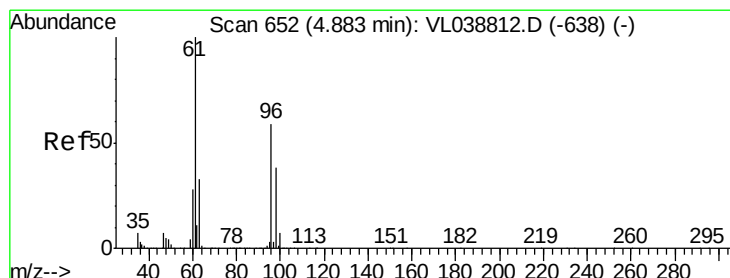
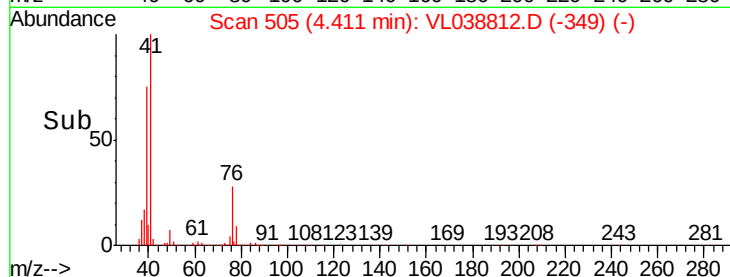
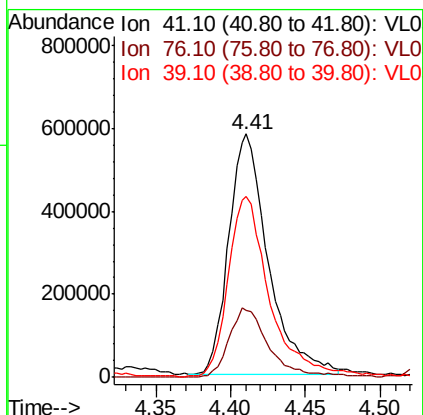
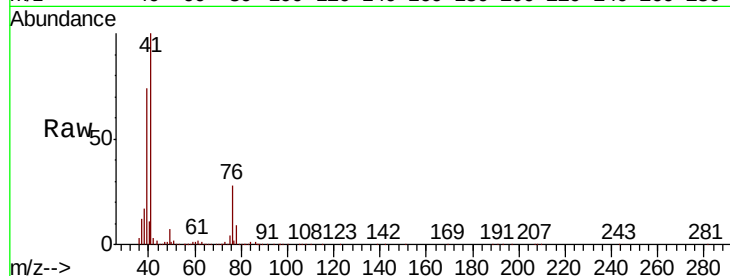




#21
 Allvl Chloride
 Concen: 9.364 ppbv
 RT: 4.41 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDICCC010
 Acq: 5 Apr 2022 15:55

Tot Ion: 41 Resp: 1061318

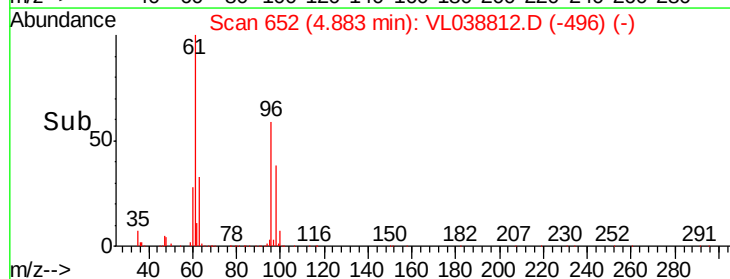
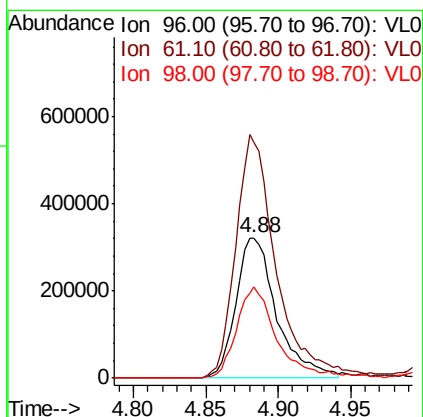
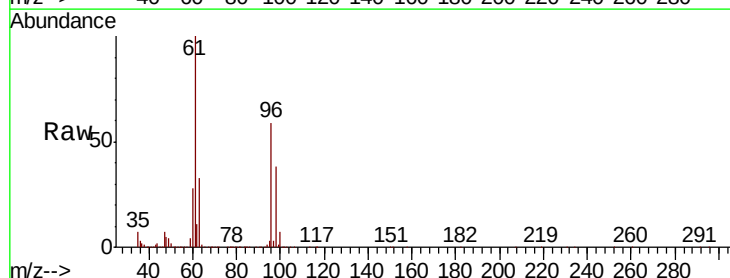
Ion	Ratio	Lower	Upper
41	100		
76	29.6	23.7	35.5
39	77.5	62.0	93.0

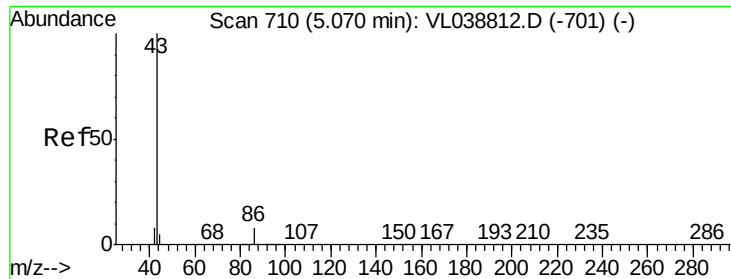


#22
 trans-1,2-Dichloroethene
 Concen: 10.213 ppbv
 RT: 4.88 min Scan# 652
 Delta R.T. 0.00 min
 Lab File: VL038812.D
 Acq: 5 Apr 2022 15:55

Tgt Ion: 96 Resp: 625735

Ion	Ratio	Lower	Upper
96	100		
61	168.5	134.8	202.2
98	64.9	51.9	77.9





#23

Vinyl Acetate

Concen: 9.766 ppbv

RT: 5.07 Instrument: MSVOA_1

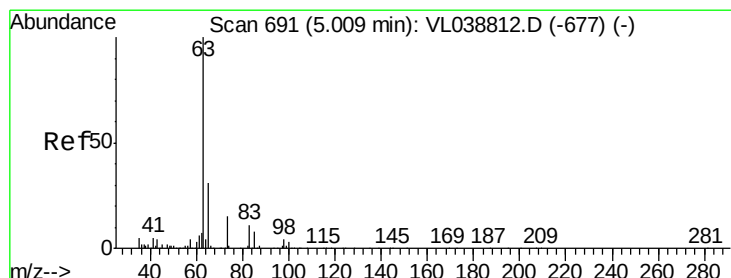
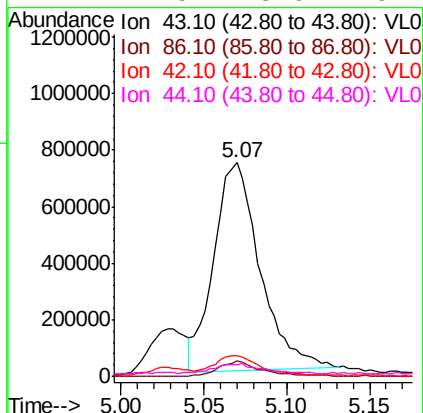
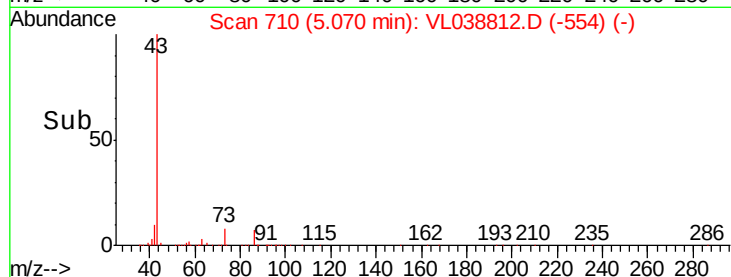
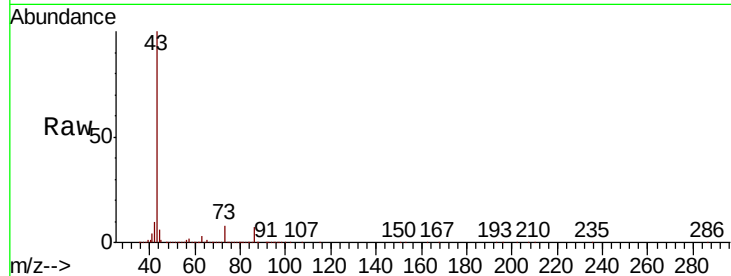
Delta R.T. 0.00 min

Lab File: ClientSampleId: VSTDICCC010

Acq: 5 Apr 2022 15:55

Tot Ion: 43 Resp: 1439628

Ion	Ratio	Lower	Upper
43	100		
86	7.2	5.8	8.6
42	9.7	7.8	11.6
44	4.5	3.6	5.4



#24

1,1-Dichloroethane

Concen: 9.848 ppbv

RT: 5.01 min Scan# 691

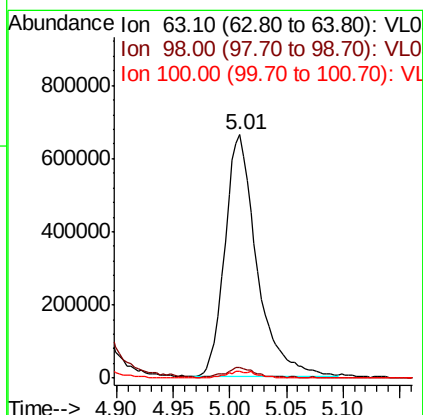
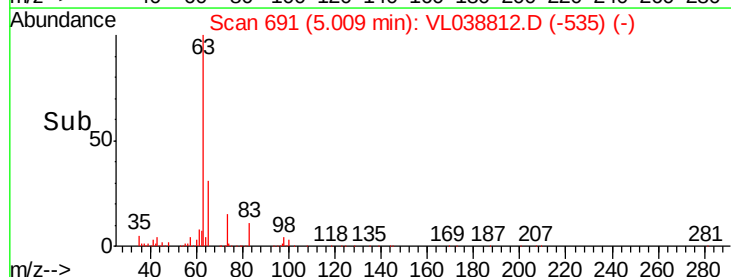
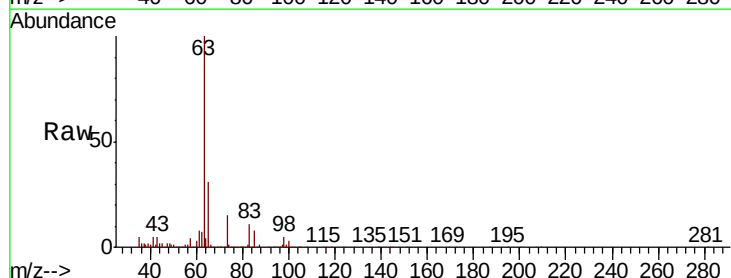
Delta R.T. 0.00 min

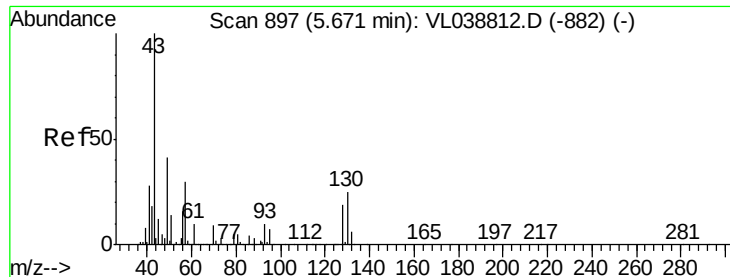
Lab File: VL038812.D

Acq: 5 Apr 2022 15:55

Tgt Ion: 63 Resp: 1311897

Ion	Ratio	Lower	Upper
63	100		
98	4.4	2.2	6.6
100	2.7	1.4	4.0

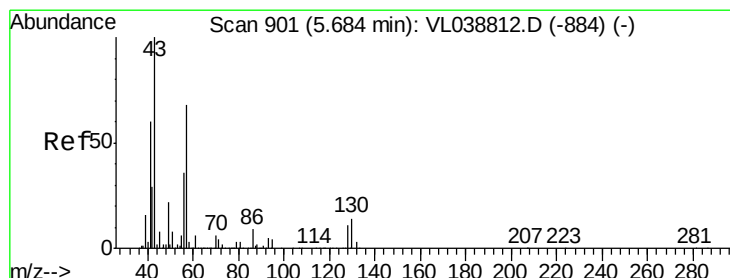
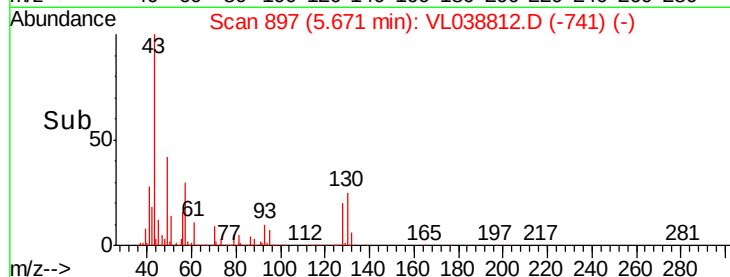
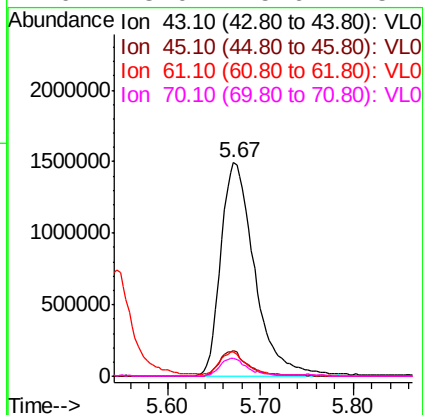
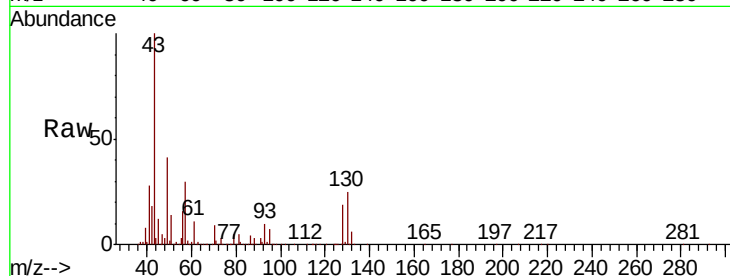




#25
Ethyl Acetate
Concen: 9.804 ppbv
RT: 5.67 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VSTDICCC010
Acq: 5 Apr 2022 15:55

Tot Ion: 43 Resp: 3765534

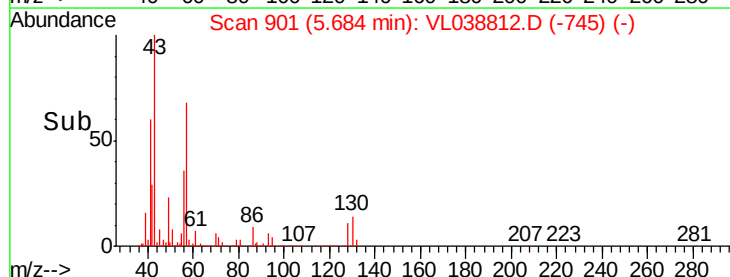
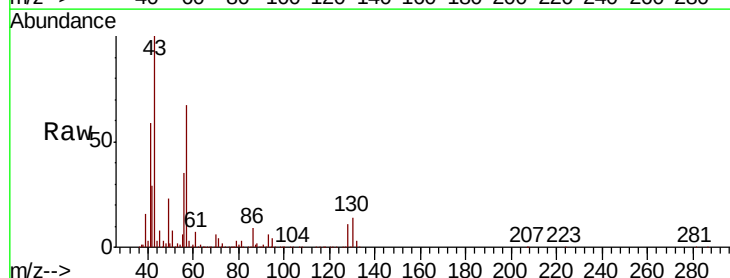
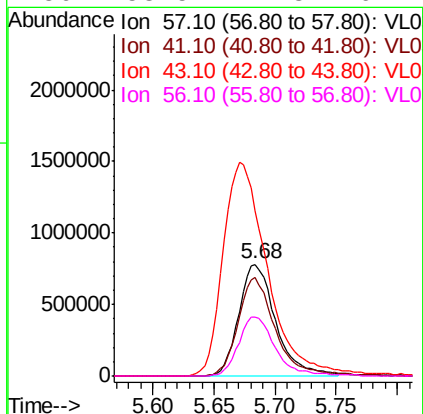
Ion	Ratio	Lower	Upper
43	100		
45	10.3	8.4	12.6
61	9.8	7.9	11.9
70	8.0	5.6	8.4

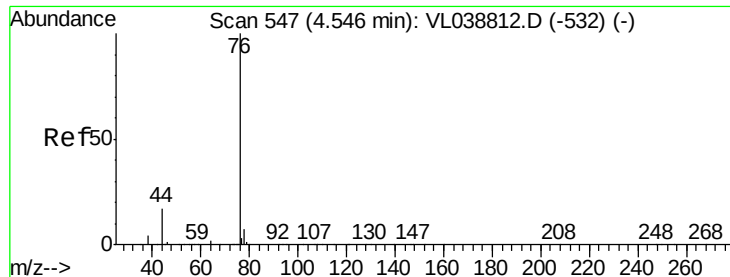


#26
Hexane
Concen: 9.308 ppbv
RT: 5.68 min Scan# 901
Delta R.T.: 0.00 min
Lab File: VL038812.D
Acq: 5 Apr 2022 15:55

Tgt Ion: 57 Resp: 1627244

Ion	Ratio	Lower	Upper
57	100		
41	90.0	72.0	108.0
43	233.3	186.6	280.0
56	53.5	42.8	64.2





#27

Carbon Disulfide

Concen: 10.097 ppbv

RT: 4.55 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 5 Apr 2022 15:55 VSTDICCC010

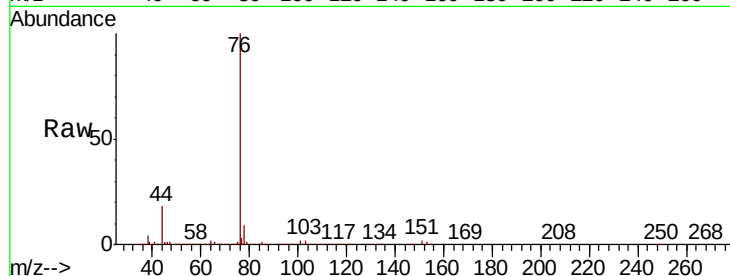
Tot Ion: 76 Resp: 1618786

Ion	Ratio	Lower	Upper
76	100		
44	18.9	15.7	23.5
78	9.6	7.8	11.8

76 100

44 18.9 15.7 23.5

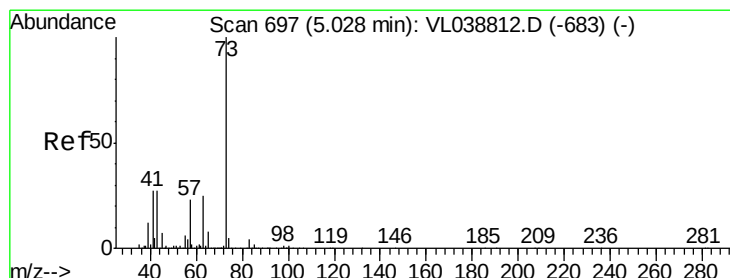
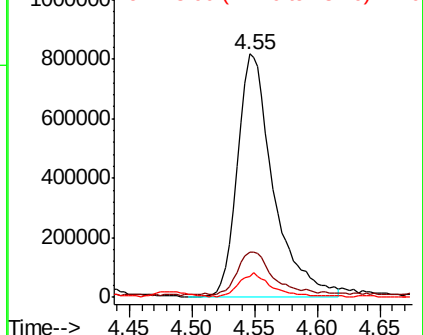
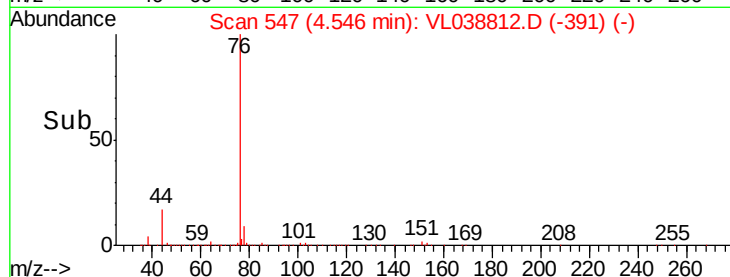
78 9.6 7.8 11.8



Abundance Ion 76.00 (75.70 to 76.70): VL0

Ion 44.10 (43.80 to 44.80): VL0

Ion 78.00 (77.70 to 78.70): VL0



#28

Methyl tert-Butyl Ether

Concen: 9.824 ppbv

RT: 5.03 min Scan# 697

Delta R.T. 0.00 min

Lab File: VL038812.D

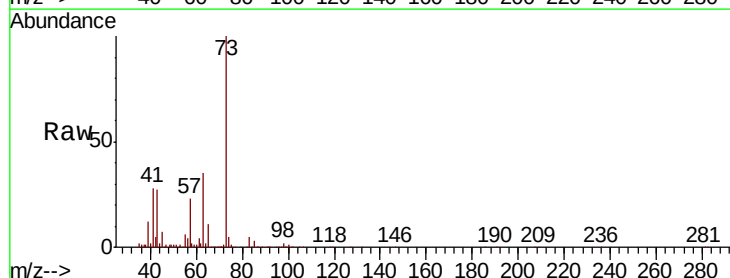
Acq: 5 Apr 2022 15:55

Tgt Ion: 73 Resp: 1326514

Ion	Ratio	Lower	Upper
73	100		
57	24.6	19.7	29.5

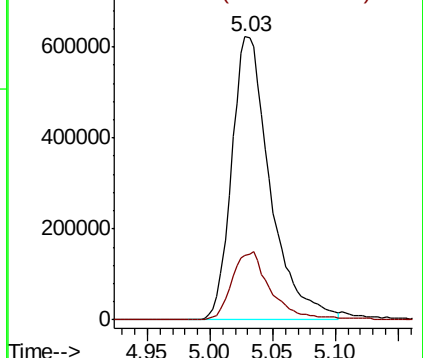
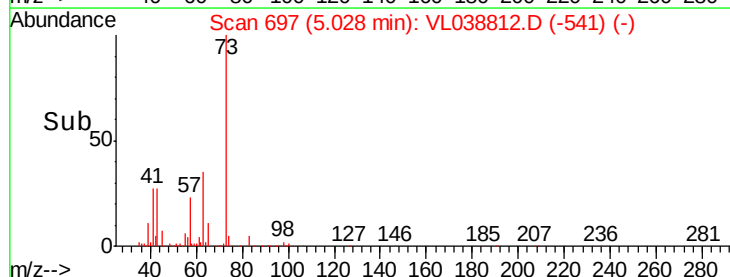
73 100

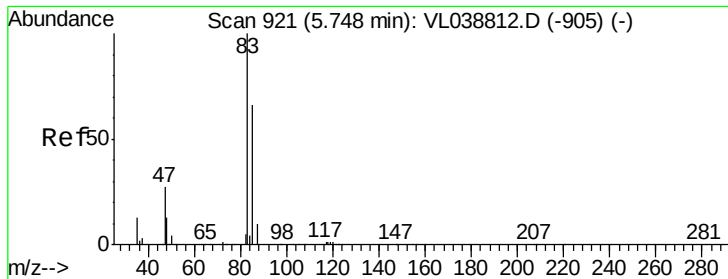
57 24.6 19.7 29.5



Abundance Ion 73.10 (72.80 to 73.80): VL0

Ion 57.10 (56.80 to 57.80): VL0





#29

Chloroform

Concen: 9.500 ppbv

RT: 5.75 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDICCC010

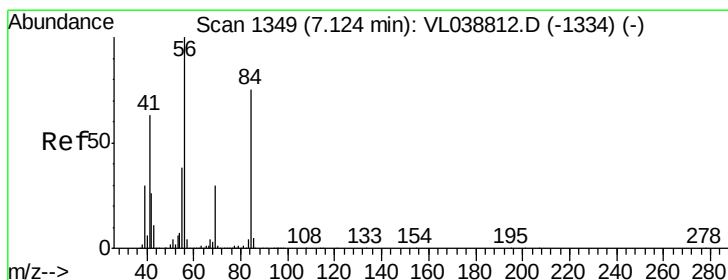
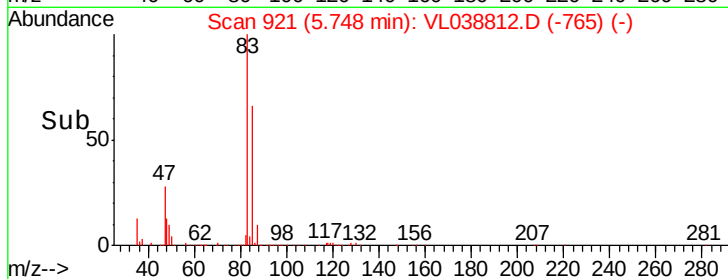
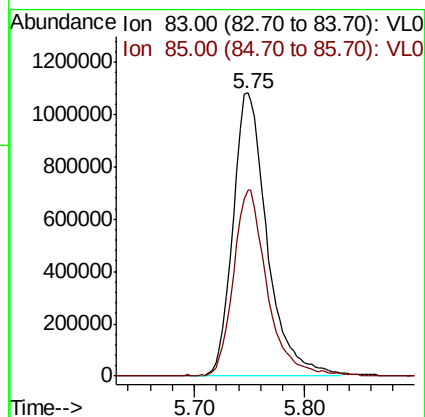
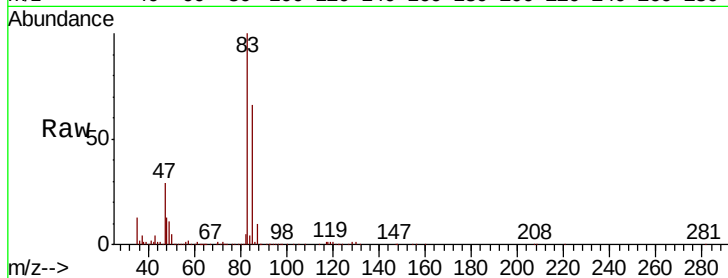
Acq: 5 Apr 2022 15:55

Tot Ion: 83 Resp: 2323833

Ion Ratio Lower Upper

83 100

85 65.6 52.5 78.7



#30

Cyclohexane

Concen: 9.215 ppbv

RT: 7.12 min Scan# 1349

Delta R.T. 0.00 min

Lab File: VL038812.D

Acq: 5 Apr 2022 15:55

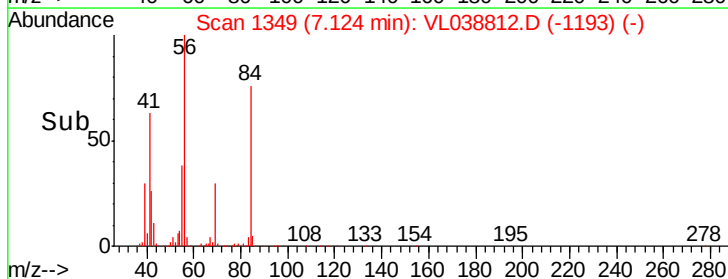
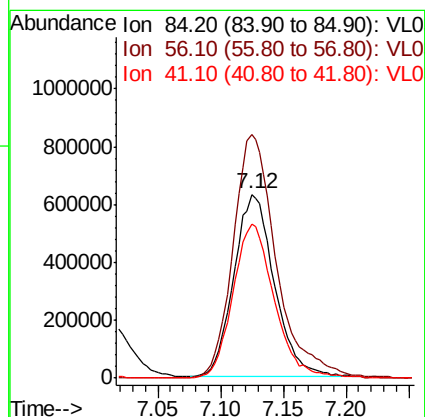
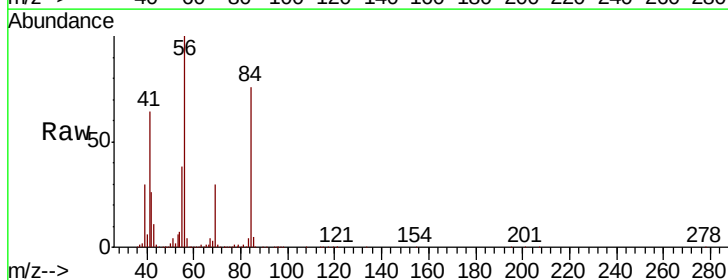
Tgt Ion: 84 Resp: 1419832

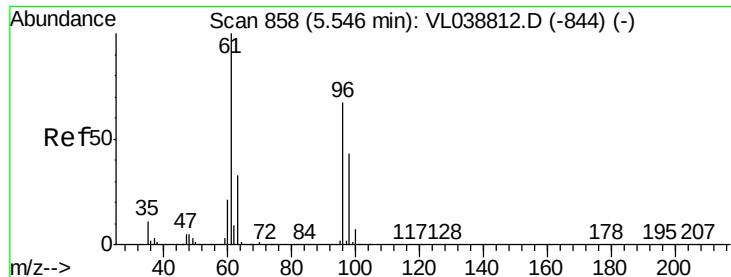
Ion Ratio Lower Upper

84 100

56 142.8 114.4 171.6

41 86.4 69.0 103.4





#31

cis-1,2-Dichloroethene

Concen: 9.586 ppbv

RT: 5.55 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 5 Apr 2022 15:55 VSTDICCC010

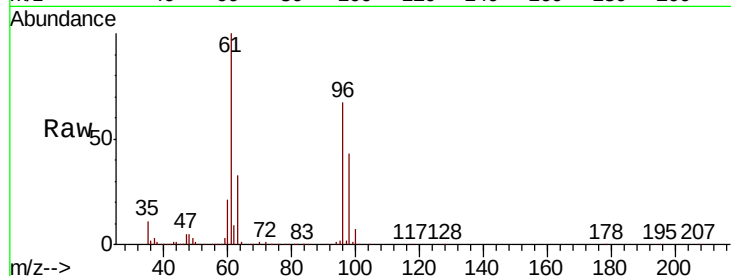
Tot Ion: 61 Resp: 1540868

Ion Ratio Lower Upper

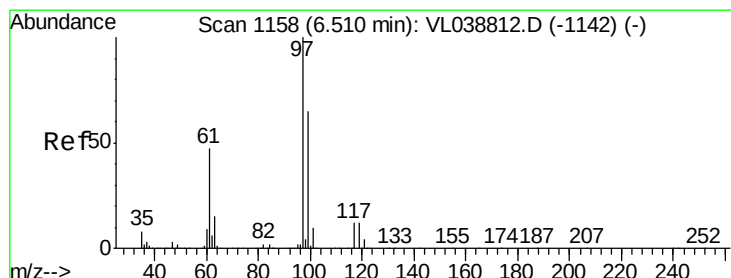
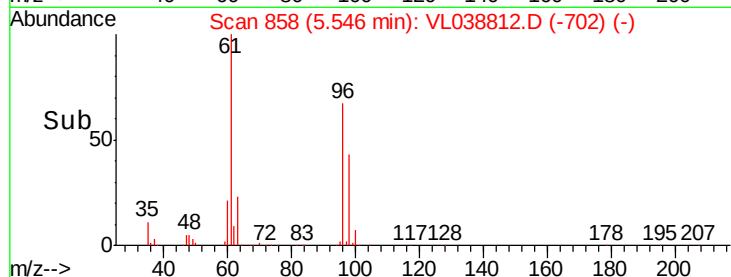
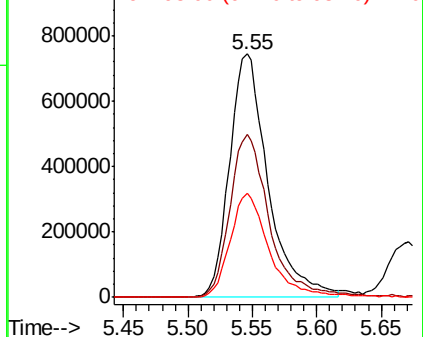
61 100

96 66.7 53.4 80.0

98 42.8 34.2 51.4



Abundance Ion 61.10 (60.80 to 61.80): VL0
Ion 96.00 (95.70 to 96.70): VL0
Ion 98.00 (97.70 to 98.70): VL0



#32

1,1,1-Trichloroethane

Concen: 9.509 ppbv

RT: 6.51 min Scan# 1158

Delta R.T. 0.00 min

Lab File: VL038812.D

Acq: 5 Apr 2022 15:55

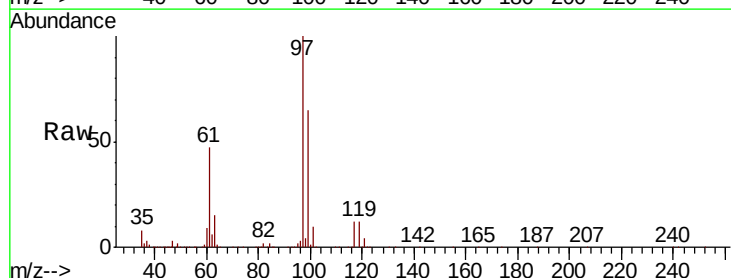
Tgt Ion: 97 Resp: 2343492

Ion Ratio Lower Upper

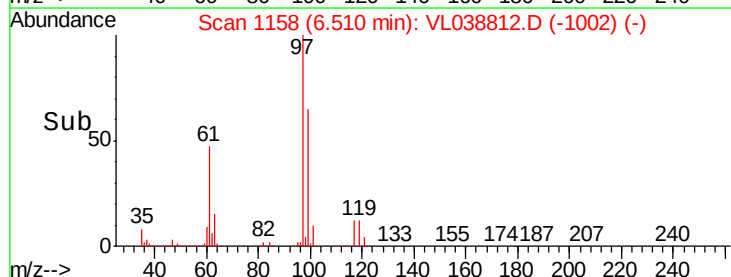
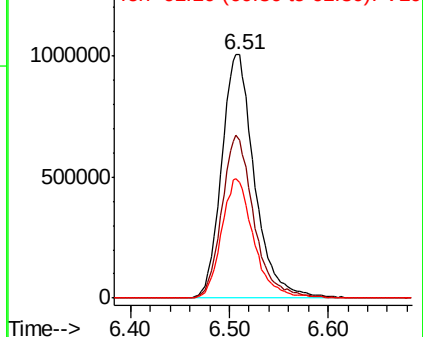
97 100

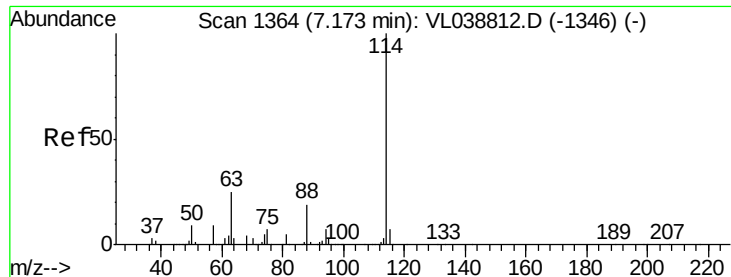
99 65.5 52.4 78.6

61 48.0 38.6 57.8



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

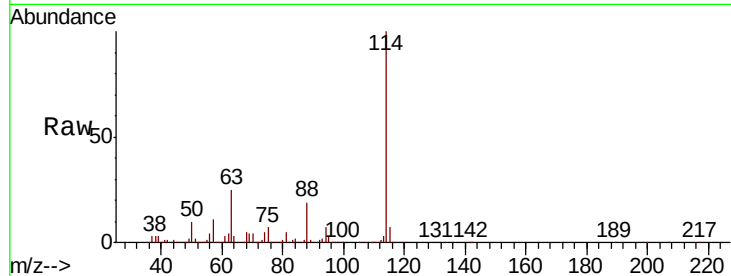




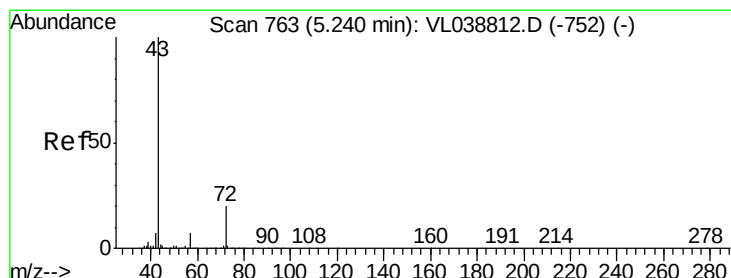
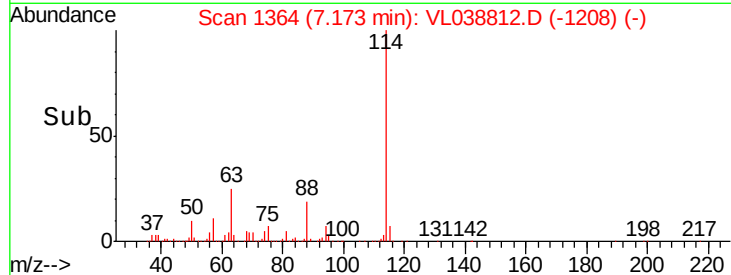
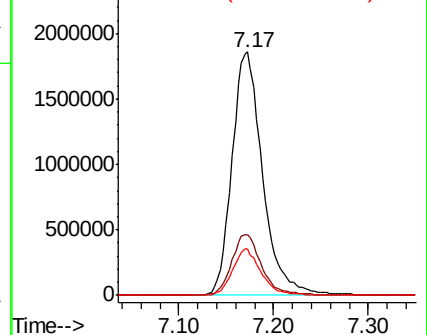
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDICCC010
 Acq: 5 Apr 2022 15:55

Tot Ion:114 Resp: 4176497

Ion	Ratio	Lower	Upper
114	100		
63	24.7	19.8	29.8
88	17.8	14.2	21.4



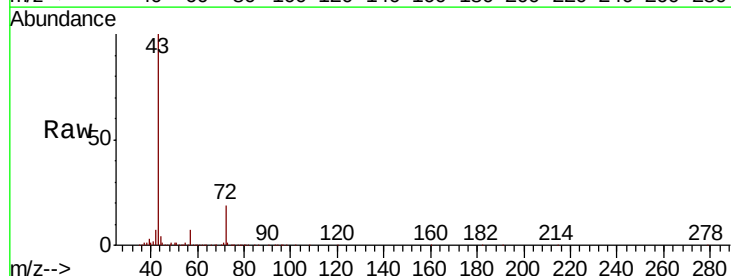
Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0



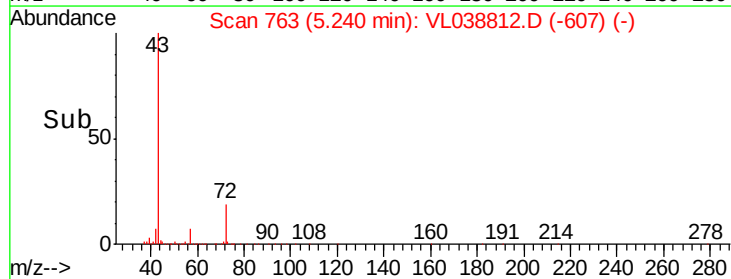
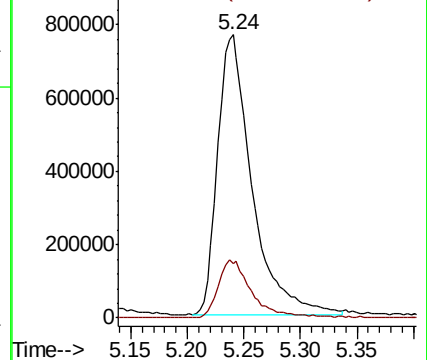
#34
 2-Butanone
 Concen: 9.765 ppbv
 RT: 5.24 min Scan# 763
 Delta R.T. 0.00 min
 Lab File: VL038812.D
 Acq: 5 Apr 2022 15:55

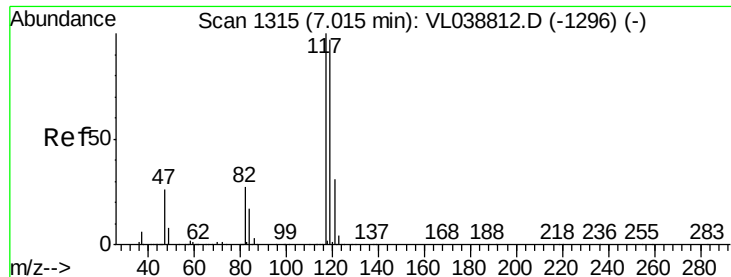
Tgt Ion: 43 Resp: 1611560

Ion	Ratio	Lower	Upper
43	100		
72	21.1	16.9	25.3



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

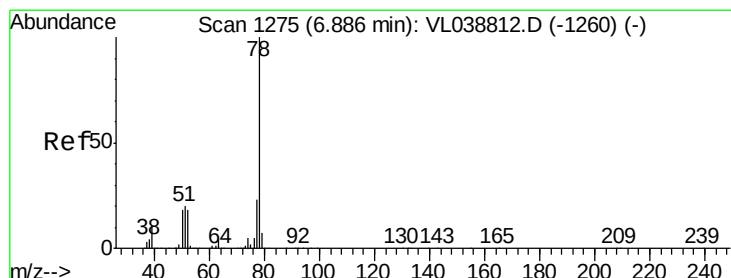
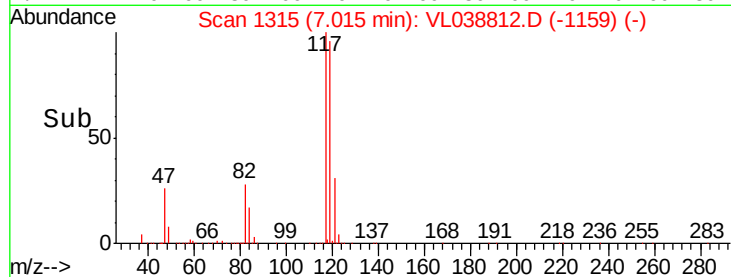
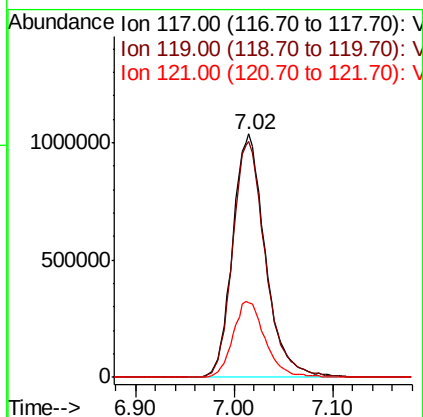
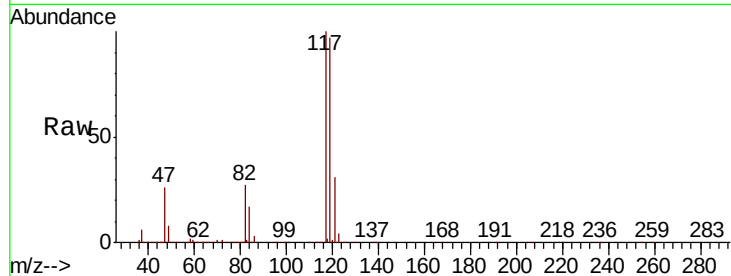




#35
 Carbon Tetrachloride
 Concen: 9.534 ppbv
 RT: 7.02
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDICCC010
 Acq: 5 Apr 2022 15:55

Tot Ion:117 Resp: 2387315

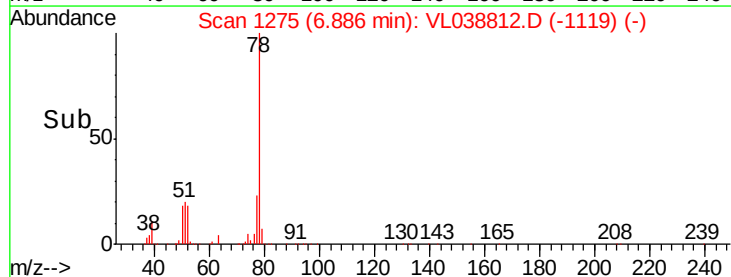
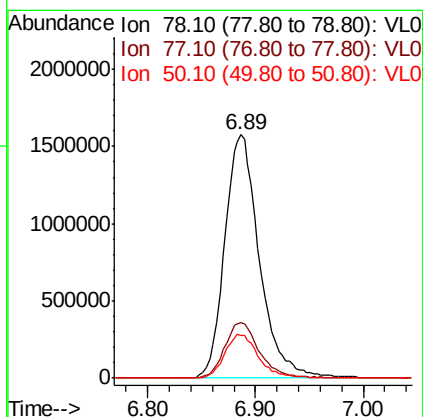
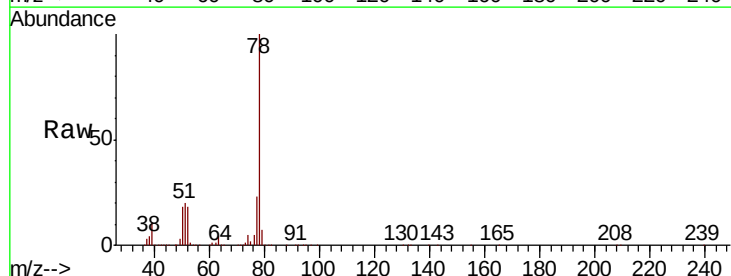
Ion	Ratio	Lower	Upper
117	100		
119	97.1	77.7	116.5
121	30.6	24.5	36.7

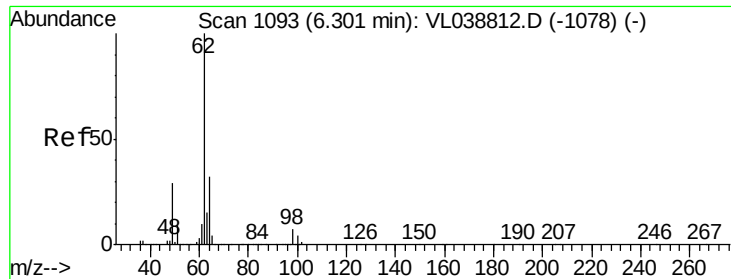


#36
 Benzene
 Concen: 9.253 ppbv
 RT: 6.89 min Scan# 1275
 Delta R.T.: 0.00 min
 Lab File: VL038812.D
 Acq: 5 Apr 2022 15:55

Tgt Ion: 78 Resp: 3515770

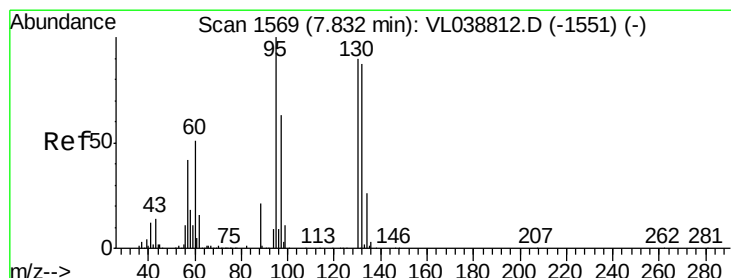
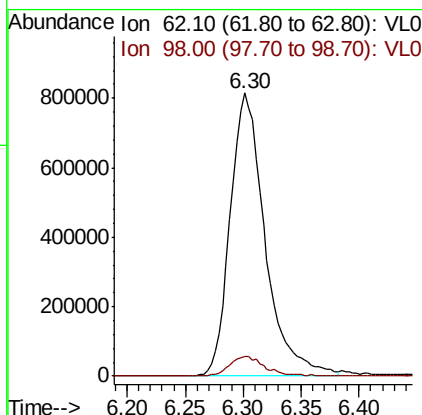
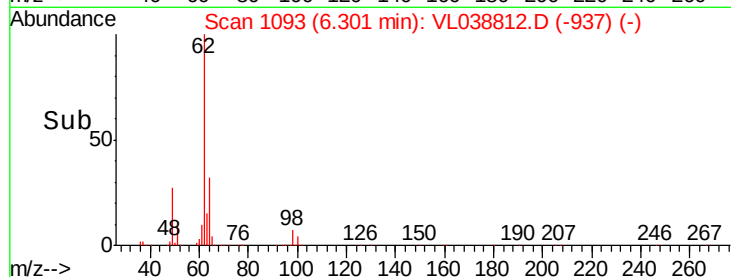
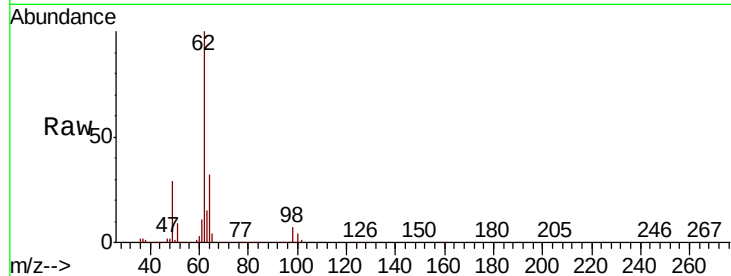
Ion	Ratio	Lower	Upper
78	100		
77	22.7	18.2	27.2
50	17.5	14.0	21.0





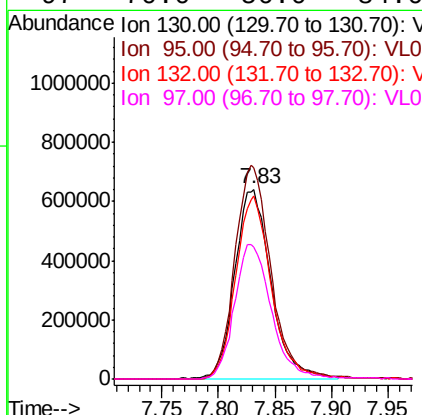
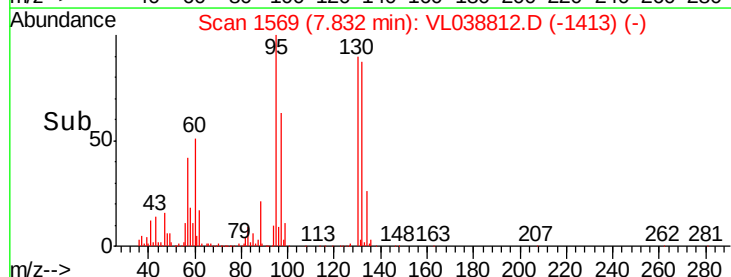
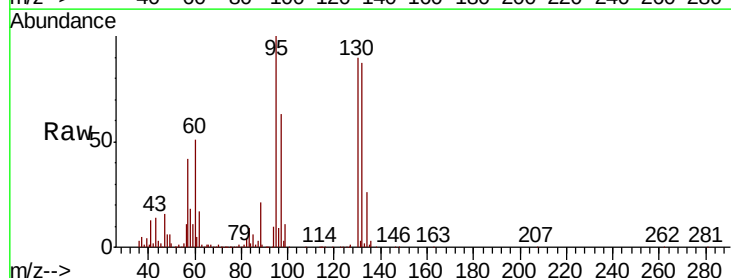
#37
 1,2-Dichloroethane
 Concen: 9.810 ppbv
 RT: 6.30
 Delta R.T. MSVOA_1
 Lab File: ClientSampleId :
 VSTDICCC010
 Acq: 5 Apr 2022 15:55

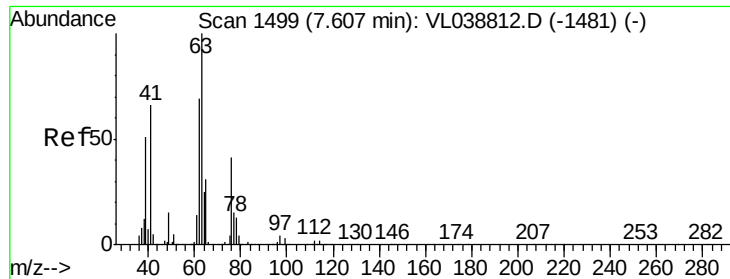
Tot Ion: 62 Resp: 1704032
 Ion Ratio Lower Upper
 62 100
 98 7.2 5.9 8.9



#38
 Trichloroethene
 Concen: 9.062 ppbv
 RT: 7.83 min Scan# 1569
 Delta R.T. 0.00 min
 Lab File: VL038812.D
 Acq: 5 Apr 2022 15:55

Tgt Ion: 130 Resp: 1412802
 Ion Ratio Lower Upper
 130 100
 95 111.7 89.4 134.0
 132 97.1 77.7 116.5
 97 70.0 56.0 84.0





#39

1,2-Dichloropropane

Concen: 9.407 ppbv

RT: 7.61 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 5 Apr 2022 15:55 VSTDICCC010

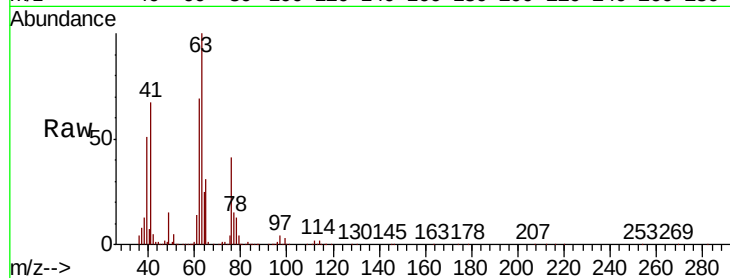
Tot Ion: 63 Resp: 1367069

Ion	Ratio	Lower	Upper
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63	100		
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41	66.3	53.0	79.6
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62	68.7	55.0	82.4
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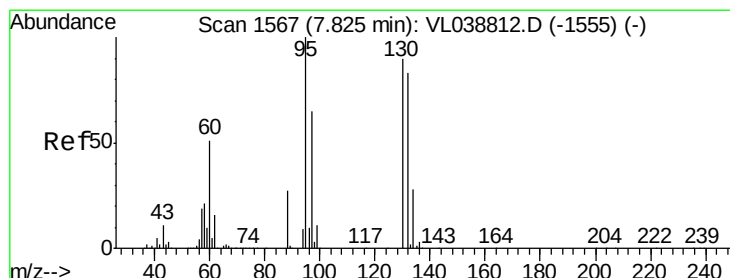
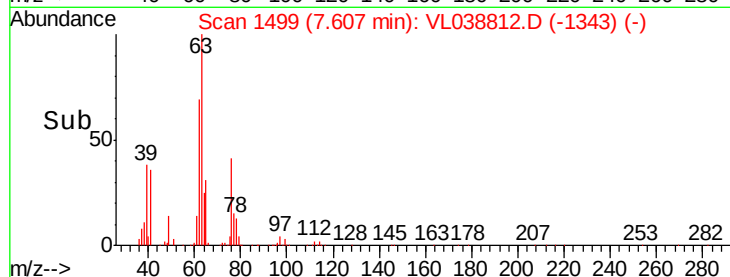
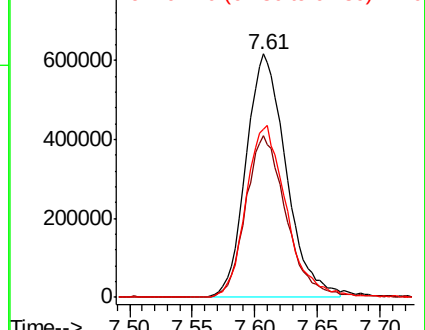


Abundance

Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0



#40

1,4-Dioxane

Concen: 8.513 ppbv

RT: 7.83 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VL038812.D

Acq: 5 Apr 2022 15:55

Tgt Ion: 88 Resp: 420120

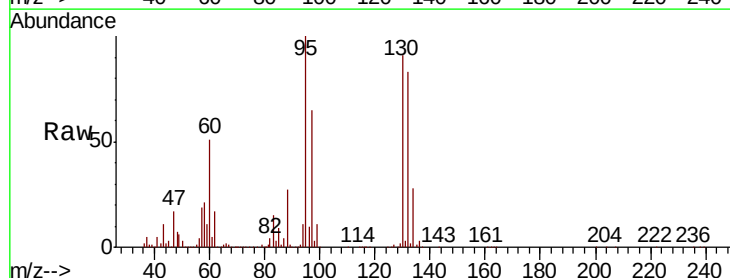
Ion	Ratio	Lower	Upper
-----	-------	-------	-------

88	100		
----	-----	--	--

58	56.2	49.4	74.0
----	------	------	------

43	0.0	0.0	0.0
----	-----	-----	-----

57	0.0	0.0	0.0
----	-----	-----	-----



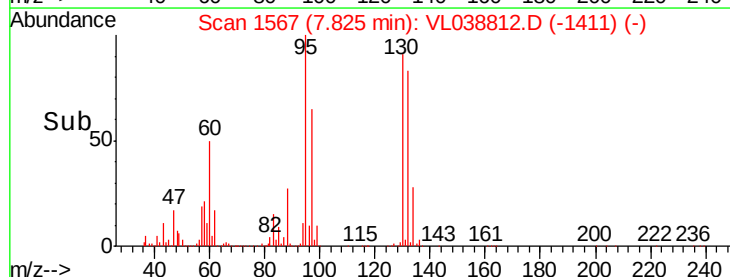
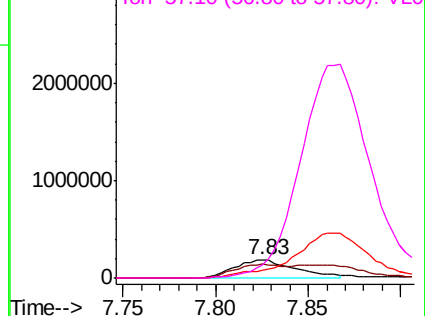
Abundance

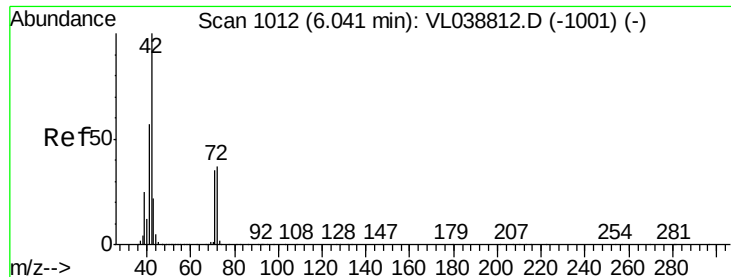
Ion 88.10 (87.80 to 88.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

Ion 43.10 (42.80 to 43.80): VL0

Ion 57.10 (56.80 to 57.80): VL0





#41

Tetrahydrofuran

Concen: 9.485 ppbv

RT: 6.04 Instrument: MSVOA_1

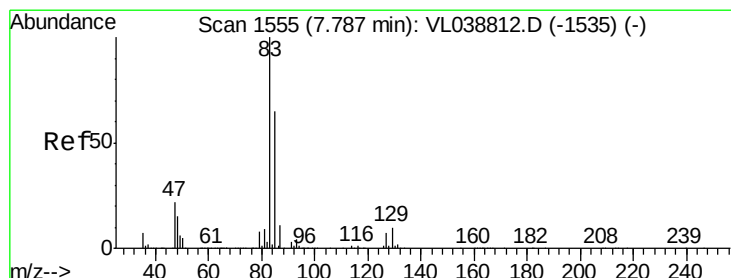
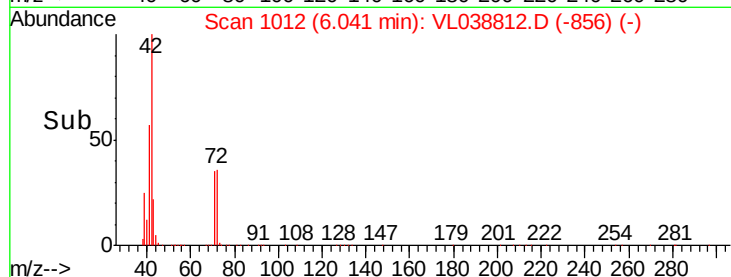
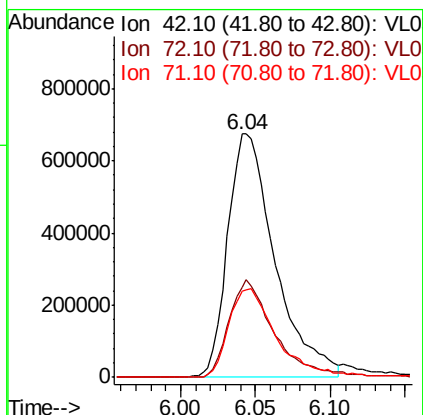
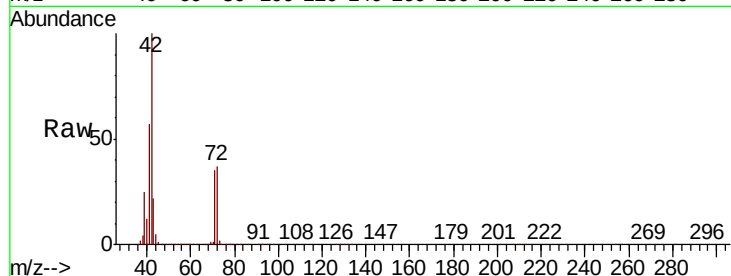
Delta R.T. 0.00 min

Lab File: ClientSampleId: VSTDICCC010

Acq: 5 Apr 2022 15:55

Tot Ion: 42 Resp: 1486591

Ion	Ratio	Lower	Upper
42	100		
72	39.2	31.4	47.0
71	37.7	30.2	45.4



#42

Bromodichloromethane

Concen: 9.516 ppbv

RT: 7.79 min Scan# 1555

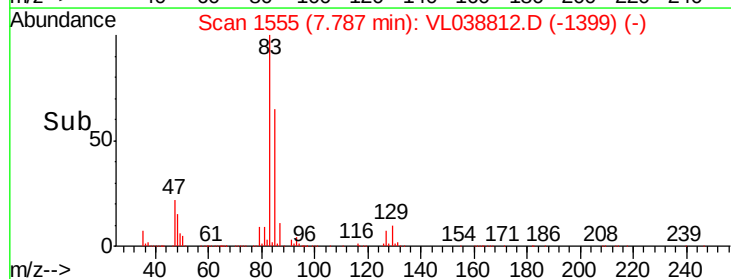
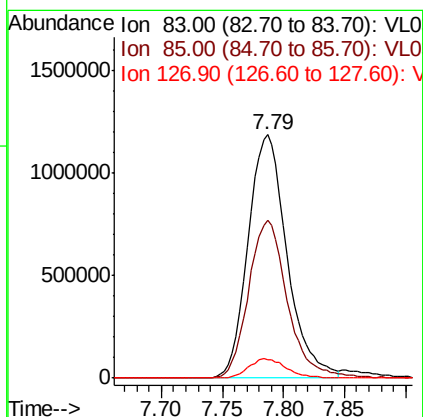
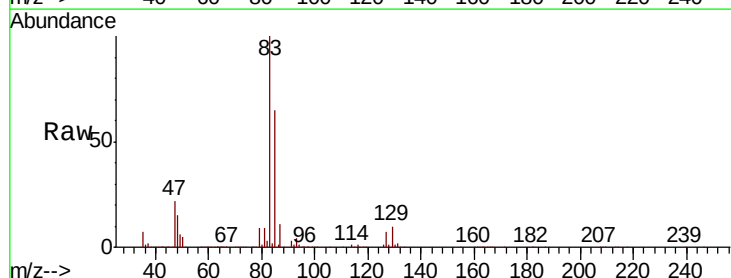
Delta R.T. 0.00 min

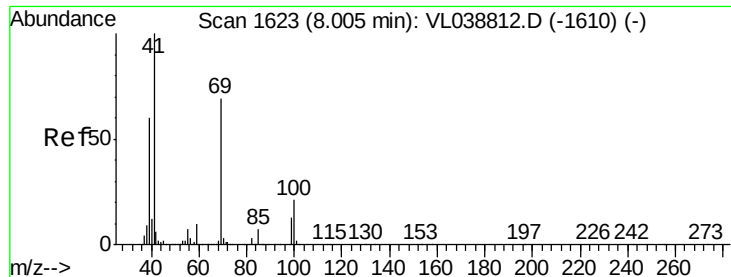
Lab File: VL038812.D

Acq: 5 Apr 2022 15:55

Tgt Ion: 83 Resp: 2610451

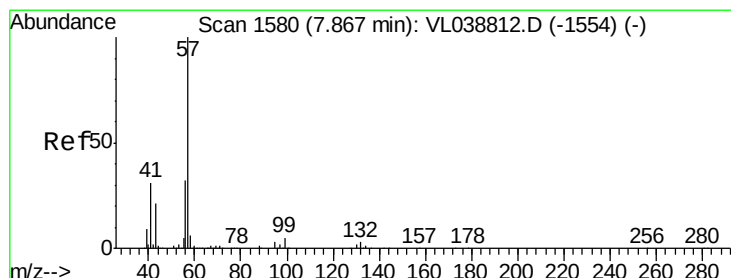
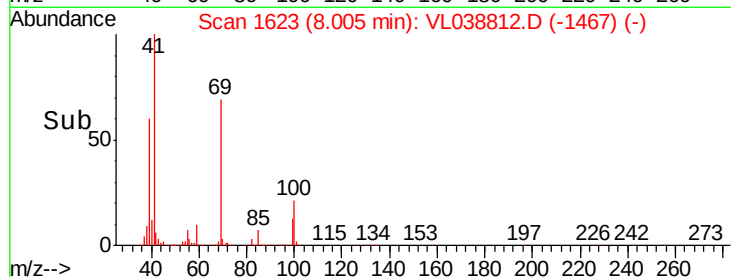
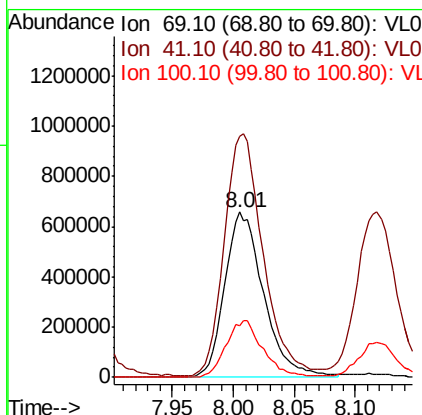
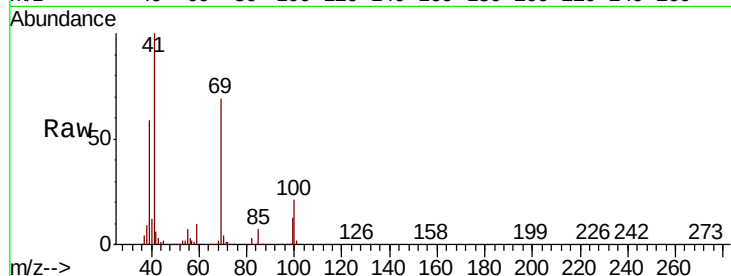
Ion	Ratio	Lower	Upper
83	100		
85	64.6	51.7	77.5
127	7.4	5.9	8.9





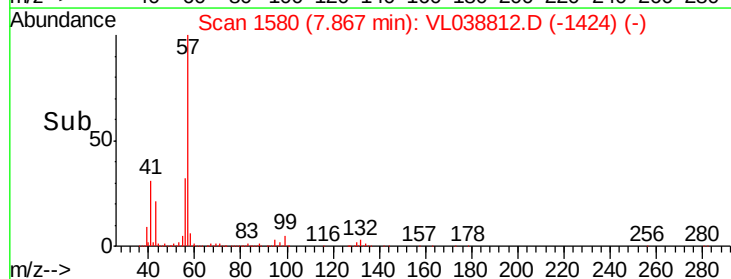
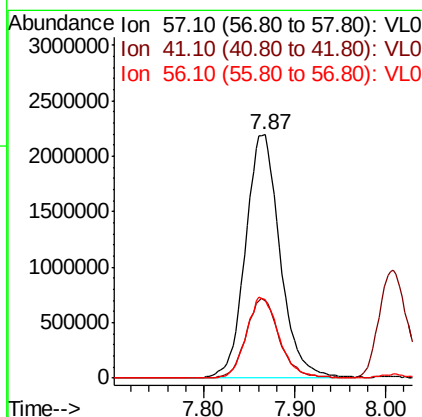
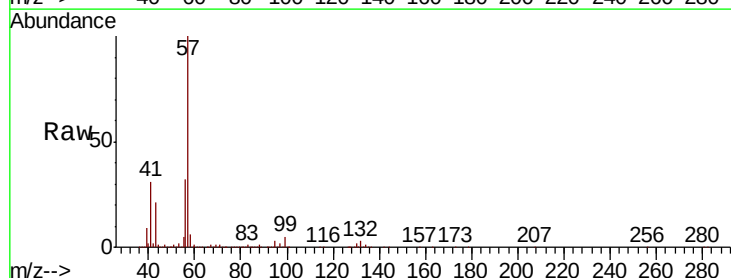
#43
Methvl Methacrylate
Concen: 9.972 ppbv
RT: 8.01
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
VSTDICCC010
Acq: 5 Apr 2022 15:55

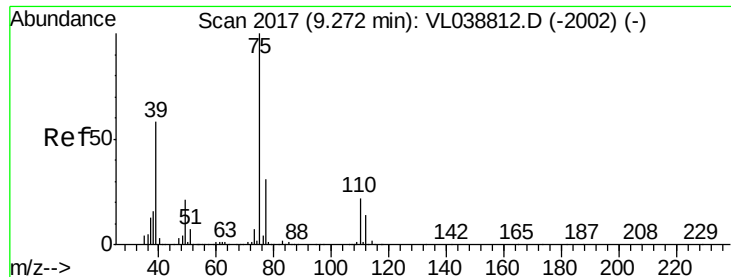
Tot Ion: 69 Resp: 1451105
Ion Ratio Lower Upper
69 100
41 149.1 119.0 178.4
100 33.1 26.4 39.6



#44
2,2,4-Trimethylpentane
Concen: 9.001 ppbv
RT: 7.87 min Scan# 1580
Delta R.T.: 0.00 min
Lab File: VL038812.D
Acq: 5 Apr 2022 15:55

Tgt Ion: 57 Resp: 5790020
Ion Ratio Lower Upper
57 100
41 31.3 25.0 37.4
56 31.7 25.3 37.9





#45

t-1,3-Dichloropropene

Concen: 10.850 ppbv

RT: 9.27 Instrument: MSVOA_1

Delta R.T. 0.00 min

Lab File: ClientSampleId: VSTDICCC010

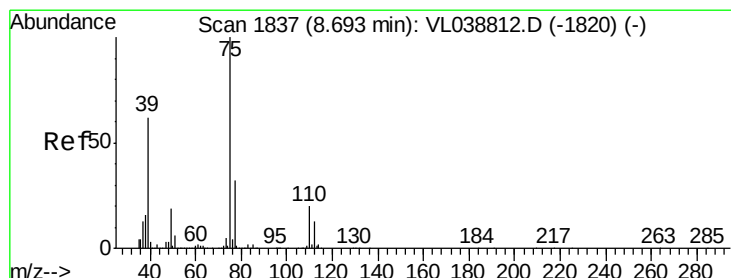
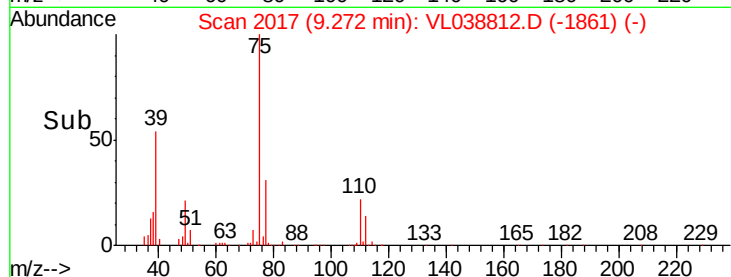
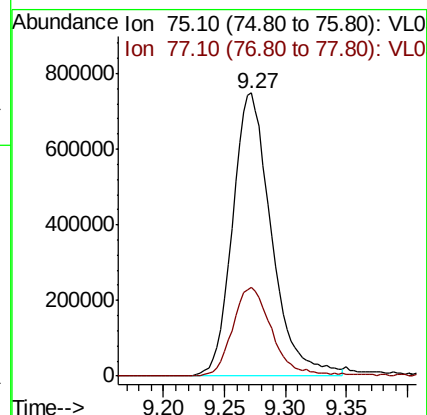
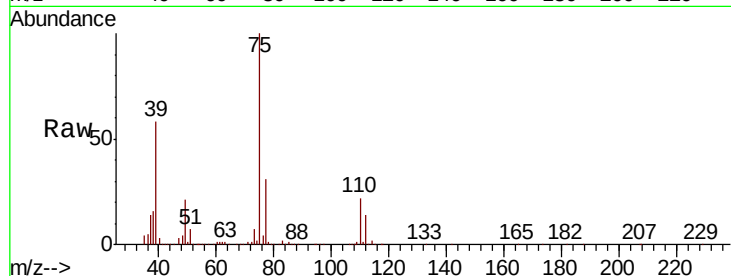
Acq: 5 Apr 2022 15:55

Tot Ion: 75 Resp: 1650872

Ion Ratio Lower Upper

75 100

77 31.2 25.0 37.4



#46

cis-1,3-Dichloropropene

Concen: 10.235 ppbv

RT: 8.69 min Scan# 1837

Delta R.T. 0.00 min

Lab File: VL038812.D

Acq: 5 Apr 2022 15:55

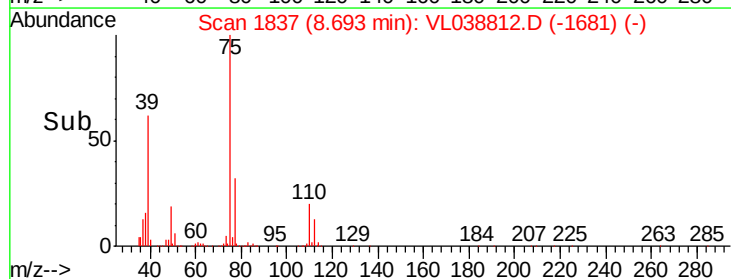
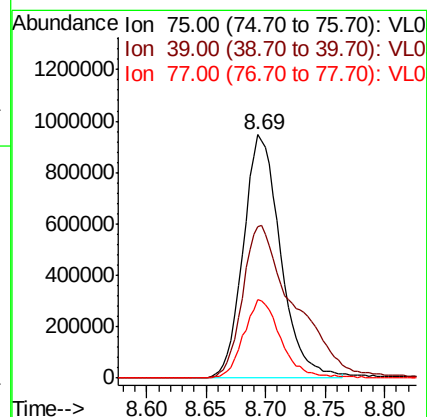
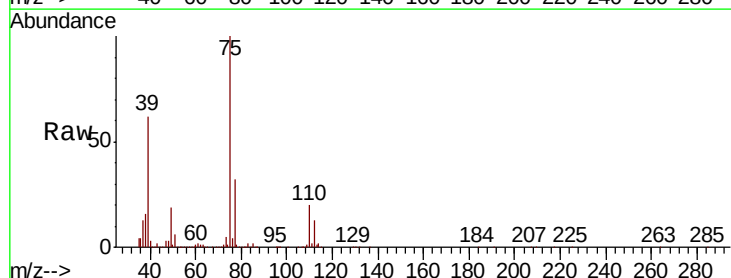
Tgt Ion: 75 Resp: 2053234

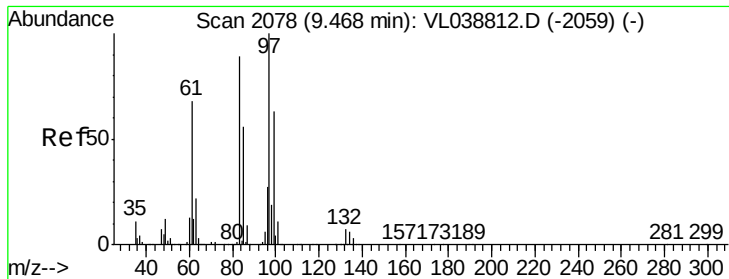
Ion Ratio Lower Upper

75 100

39 62.1 49.7 74.5

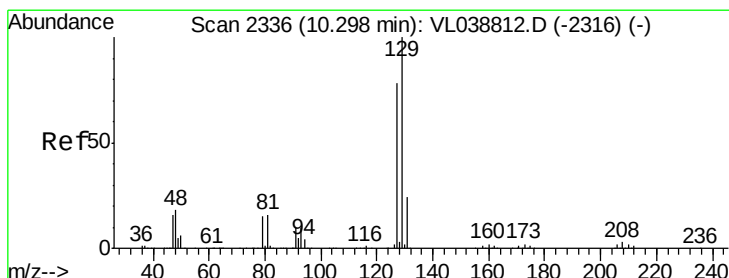
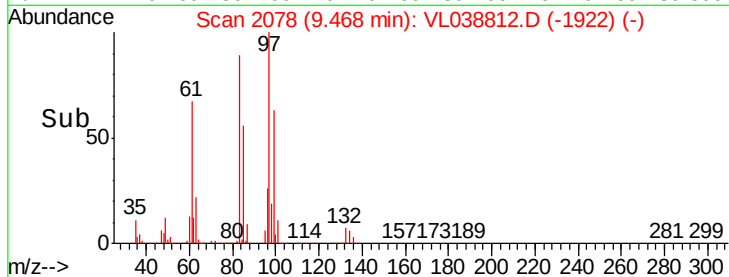
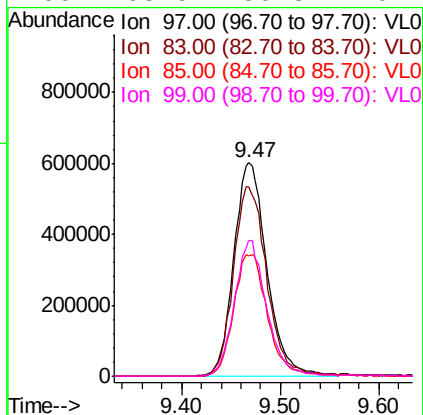
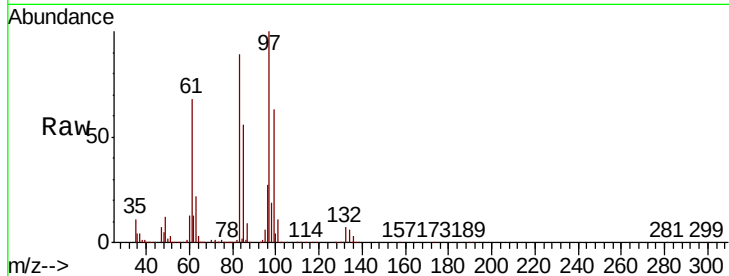
77 32.0 25.6 38.4





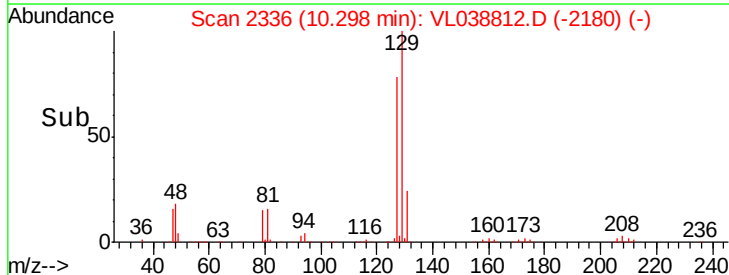
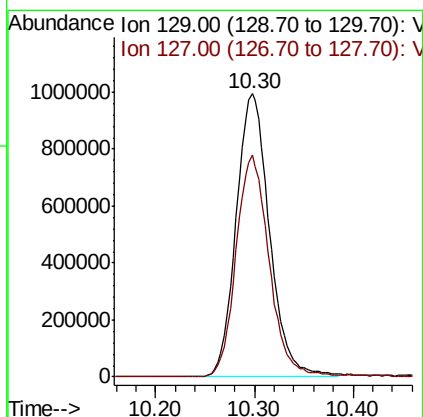
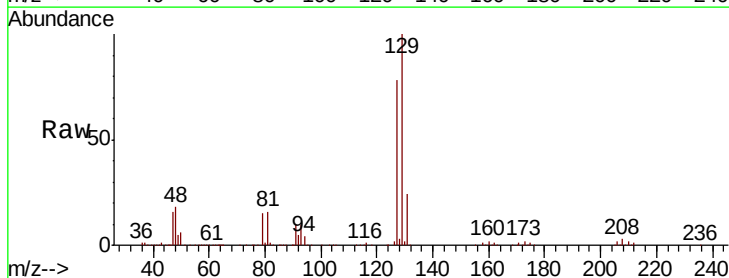
#47
 1,1,2-Trichloroethane
 Concen: 9.427 ppbv
 RT: 9.47 min
 Delta R.T.: 0.00 min
 Lab File: VSTDICCC010
 Acq: 5 Apr 2022 15:55

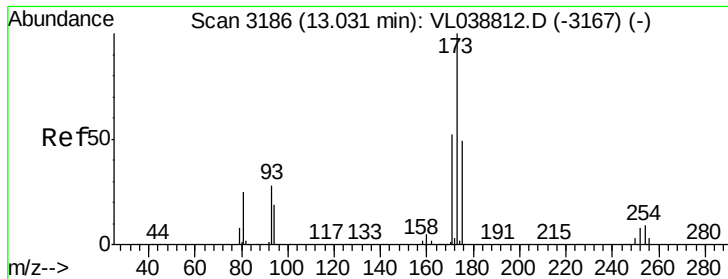
Tot Ion:	97	Resp:	1403725
Ion	Ratio	Lower	Upper
97	100		
83	88.9	71.1	106.7
85	56.4	45.1	67.7
99	63.5	50.8	76.2



#48
 Dibromochloromethane
 Concen: 9.990 ppbv
 RT: 10.30 min Scan# 2336
 Delta R.T.: 0.00 min
 Lab File: VL038812.D
 Acq: 5 Apr 2022 15:55

Tgt Ion:	129	Resp:	2331618
Ion	Ratio	Lower	Upper
129	100		
127	78.7	38.9	116.6





#49

Bromoform

Concen: 9.936 ppbv

RT: 13.03

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 5 Apr 2022 15:55

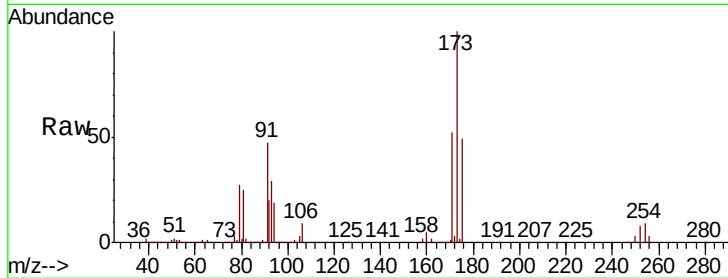
Tot Ion:173 Resp: 1836633

Ion Ratio Lower Upper

173 100

175 50.7 39.9 59.9

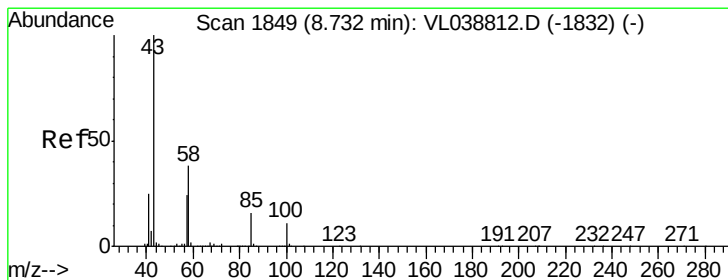
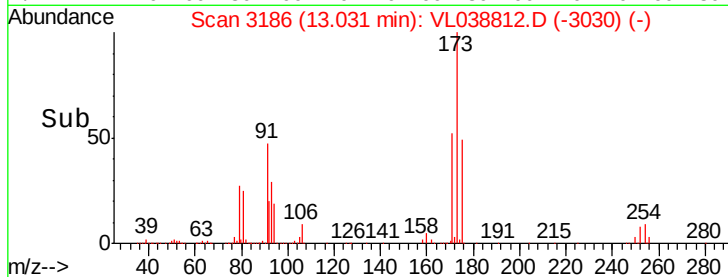
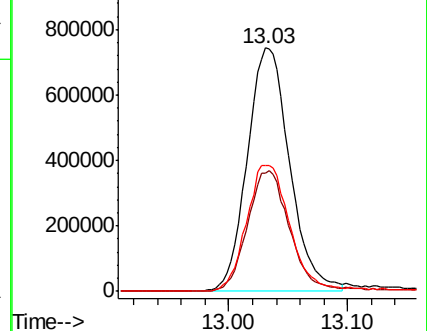
171 54.5 43.4 65.0



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: 9.905 ppbv

RT: 8.73 min Scan# 1849

Delta R.T. 0.00 min

Lab File: VL038812.D

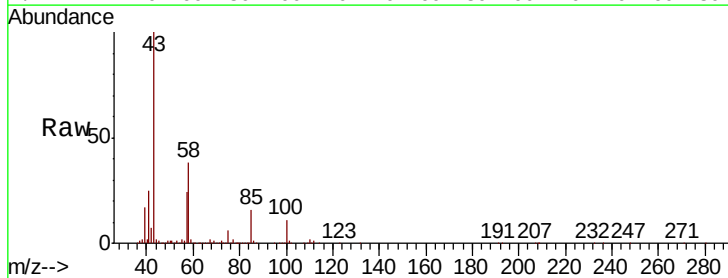
Acq: 5 Apr 2022 15:55

Tgt Ion: 43 Resp: 3676992

Ion Ratio Lower Upper

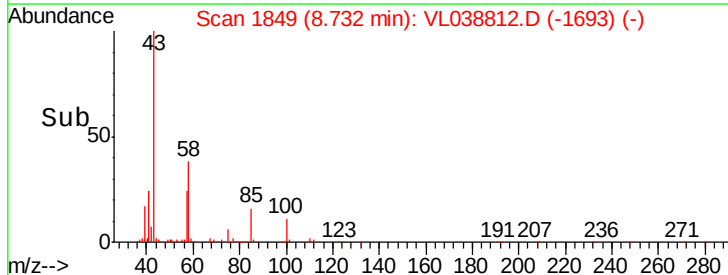
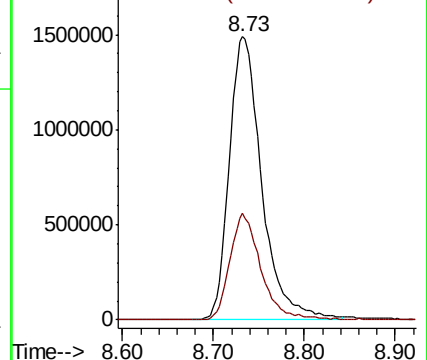
43 100

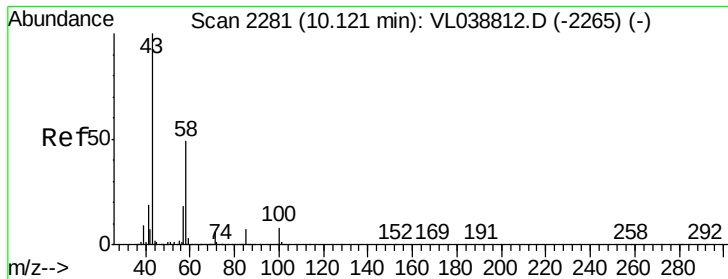
58 36.5 29.0 43.6



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





#51

2-Hexanone

Concen: 10.267 ppbv

RT: 10.12

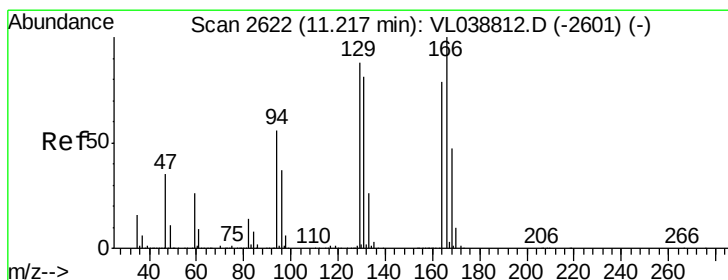
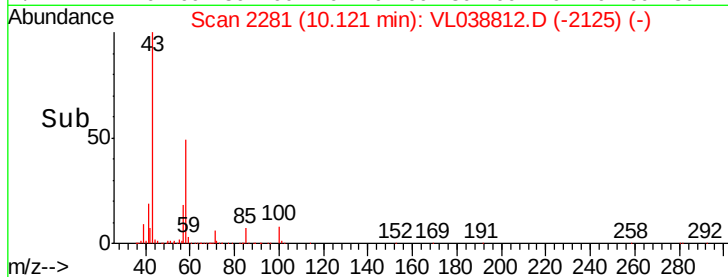
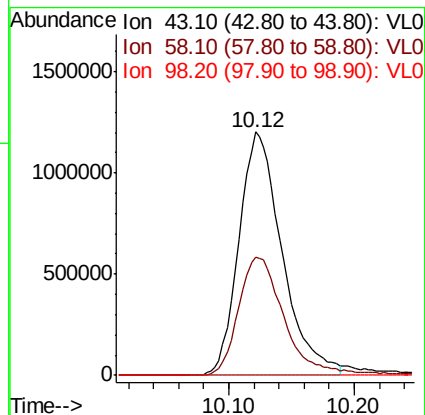
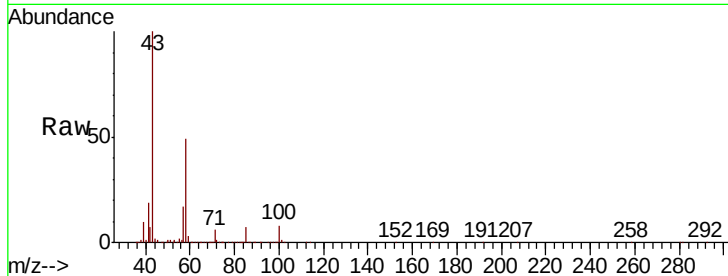
Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 5 Apr 2022 15:55

Tot Ion: 43 Resp: 2871710

Ion	Ratio	Lower	Upper
43	100		
58	51.7	41.4	62.0
98	0.1	0.1	0.1#



#52

Tetrachloroethene

Concen: 8.984 ppbv

RT: 11.22 min Scan# 2622

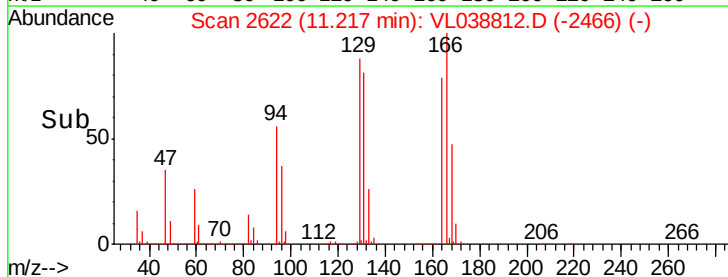
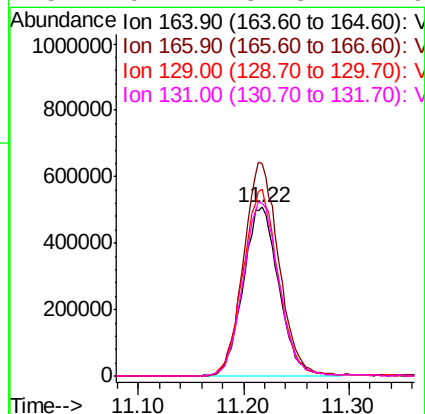
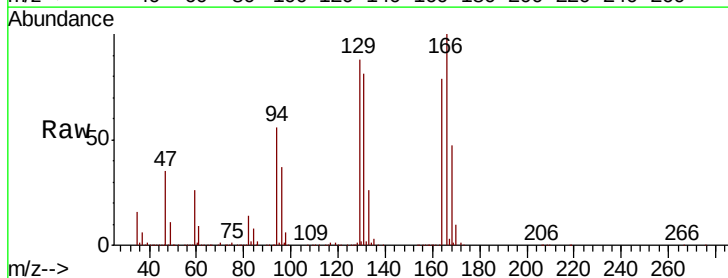
Delta R.T. 0.00 min

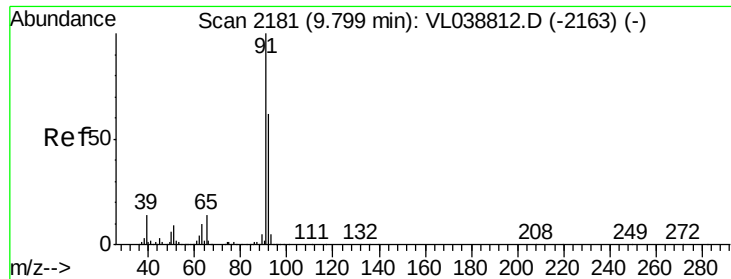
Lab File: VL038812.D

Acq: 5 Apr 2022 15:55

Tgt Ion:164 Resp: 1192282

Ion	Ratio	Lower	Upper
164	100		
166	126.3	101.0	151.6
129	110.9	88.7	133.1
131	102.2	81.8	122.6





#53

Toluene

Concen: 9.175 ppbv

RT: 9.80 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

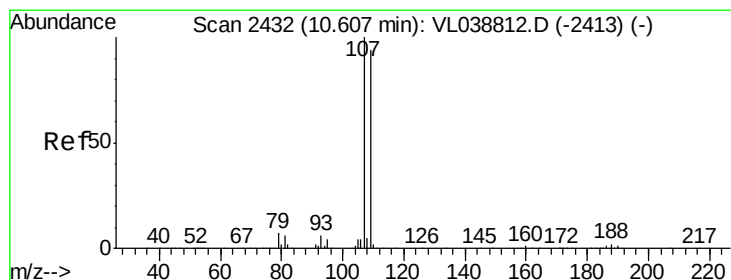
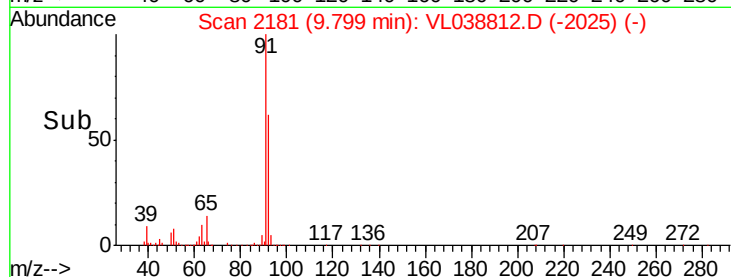
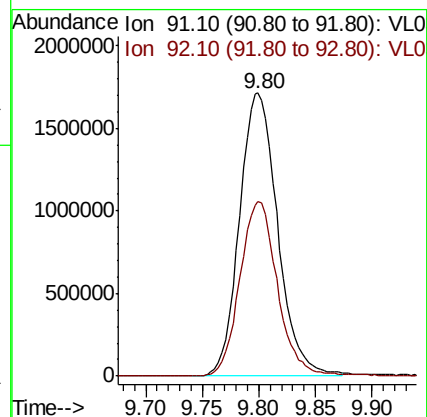
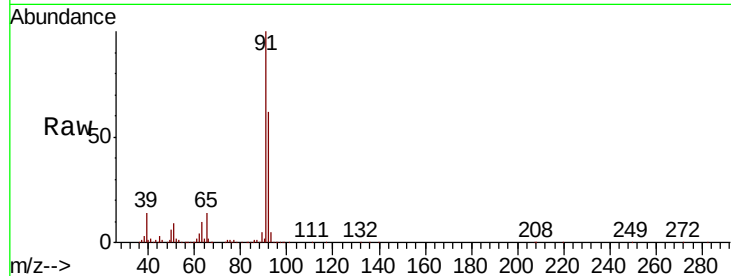
Acq: 5 Apr 2022 15:55 VSTDICCC010

Tot Ion: 91 Resp: 4024367

Ion Ratio Lower Upper

91 100

92 61.2 49.2 73.8



#54

1,2-Dibromoethane

Concen: 9.693 ppbv

RT: 10.61 min Scan# 2432

Delta R.T. 0.00 min

Lab File: VL038812.D

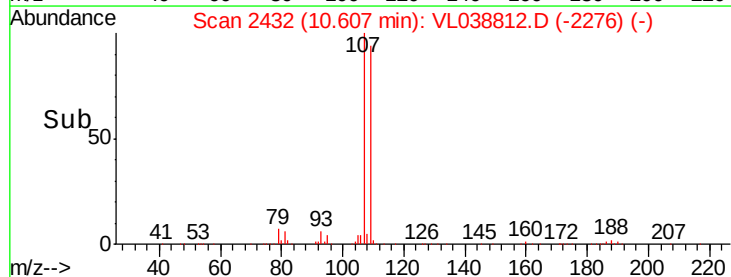
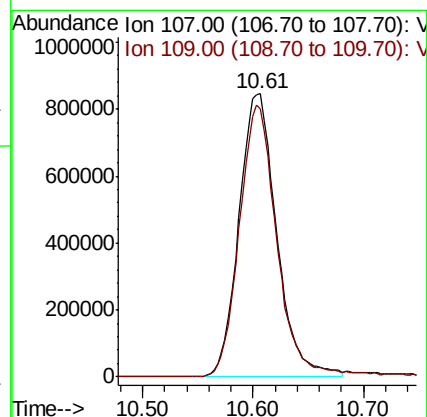
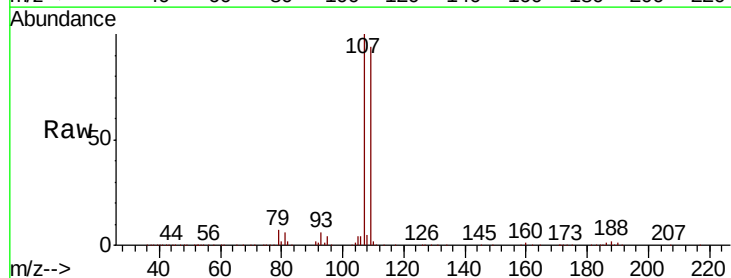
Acq: 5 Apr 2022 15:55

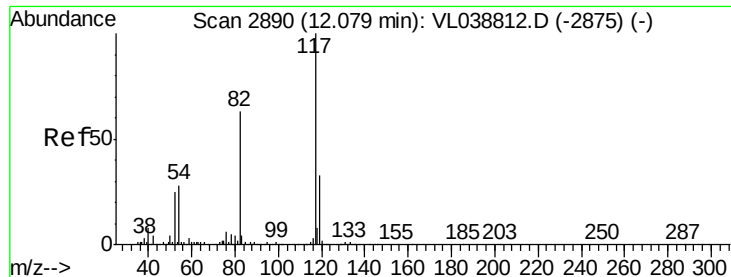
Tgt Ion: 107 Resp: 2004842

Ion Ratio Lower Upper

107 100

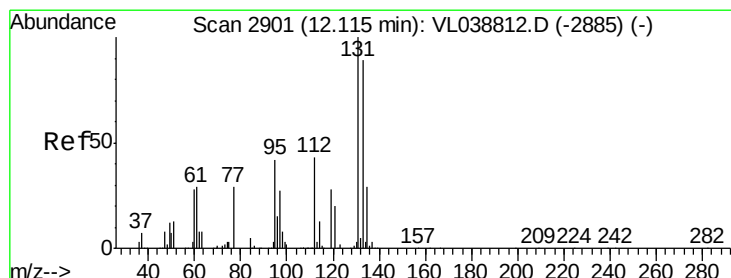
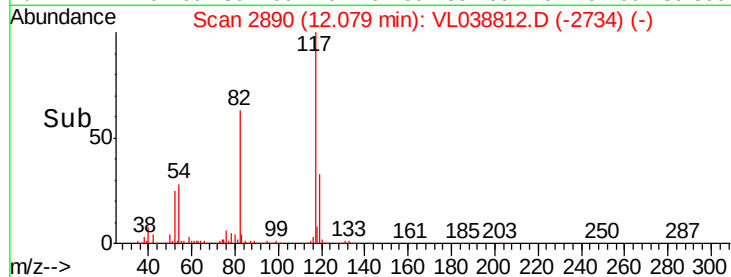
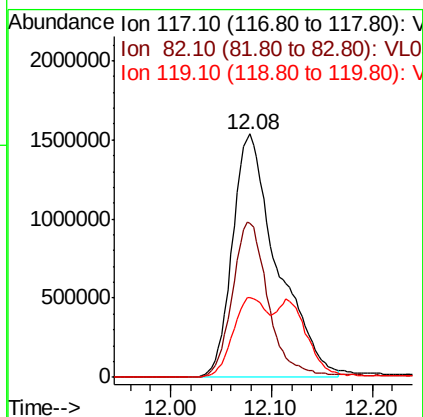
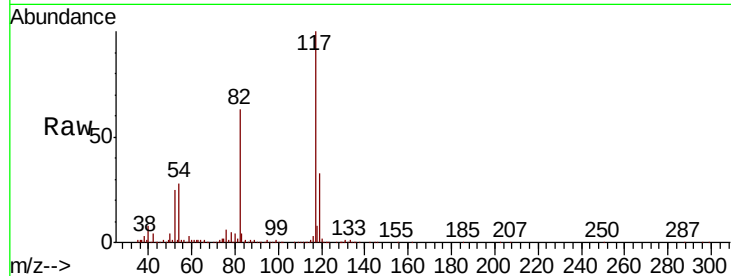
109 94.4 75.5 113.3





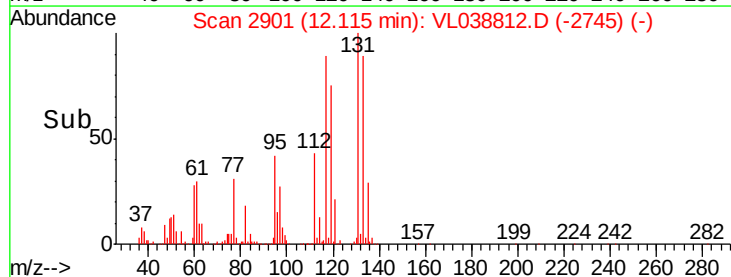
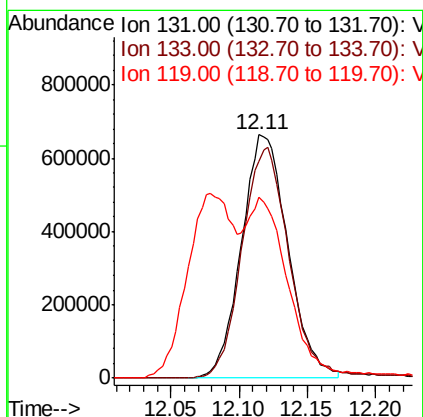
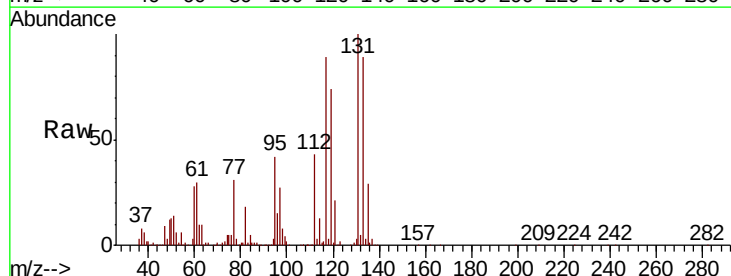
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 5 Apr 2022 15:55

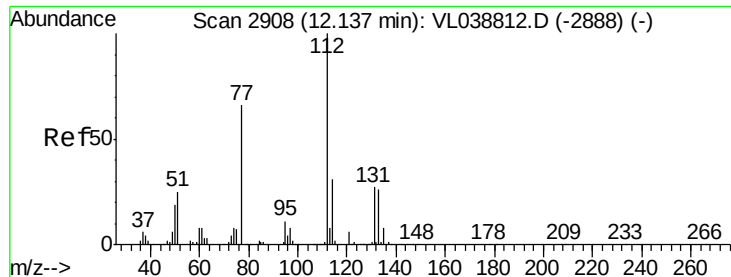
Tot Ion:117 Resp: 4752657
Ion Ratio Lower Upper
117 100
82 52.6 53.0 79.6#
119 26.2 24.9 37.3



#56
1,1,1,2-Tetrachloroethane
Concen: 7.551 ppbv
RT: 12.11 min Scan# 2901
Delta R.T.: 0.00 min
Lab File: VL038812.D
Acq: 5 Apr 2022 15:55

Tgt Ion:131 Resp: 1572750
Ion Ratio Lower Upper
131 100
133 98.4 78.2 117.4
119 61.4 58.6 87.8





#57

Chlorobenzene

Concen: 7.452 ppbv

RT: 12.14

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 5 Apr 2022 15:55

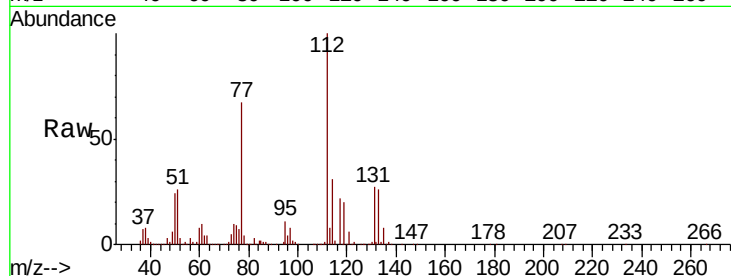
Tot Ion: 112 Resp: 2900718

Ion Ratio Lower Upper

112 100

77 65.5 52.4 78.6

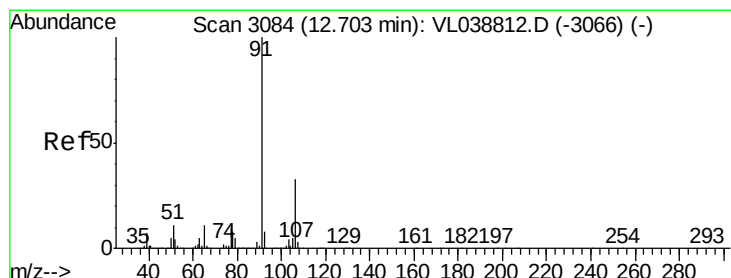
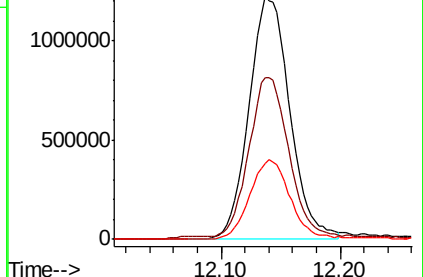
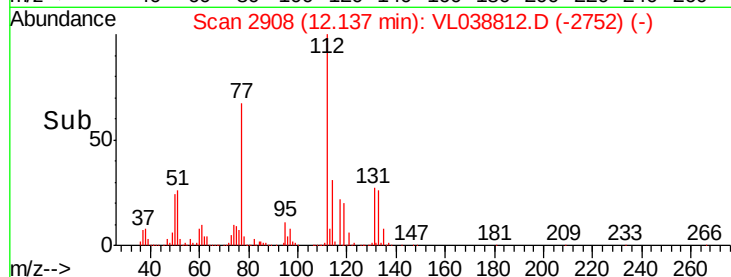
114 31.2 28.1 34.3



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: 7.405 ppbv

RT: 12.70 min Scan# 3084

Delta R.T. 0.00 min

Lab File: VL038812.D

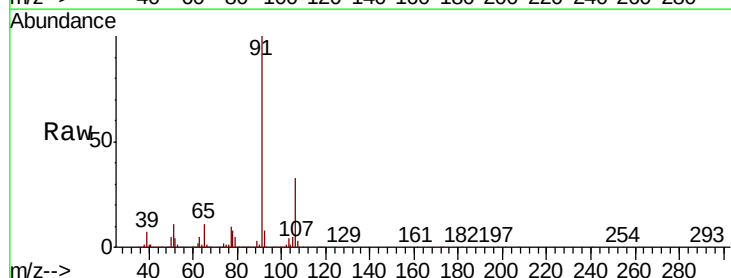
Acq: 5 Apr 2022 15:55

Tgt Ion: 91 Resp: 5259150

Ion Ratio Lower Upper

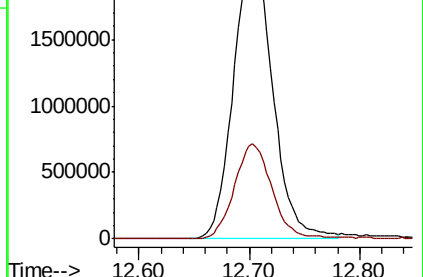
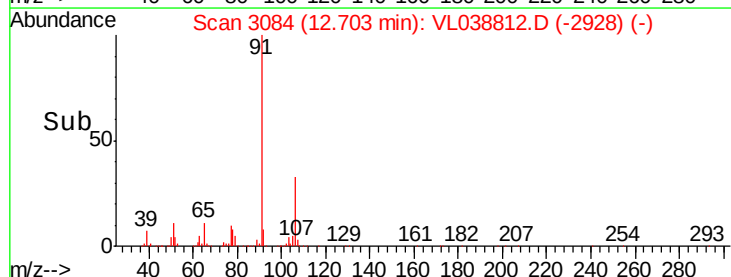
91 100

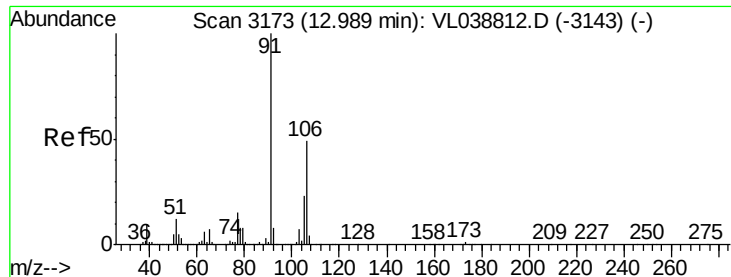
106 33.4 26.7 40.1



Abundance Ion 91.10 (90.80 to 91.80): VL0

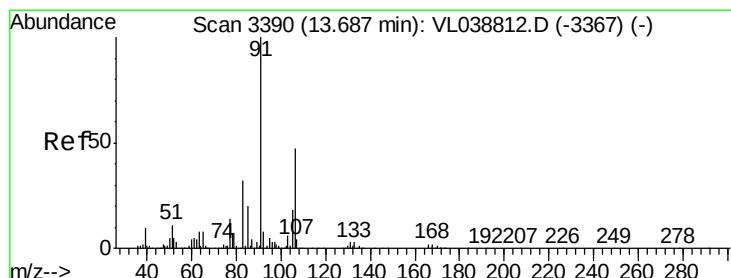
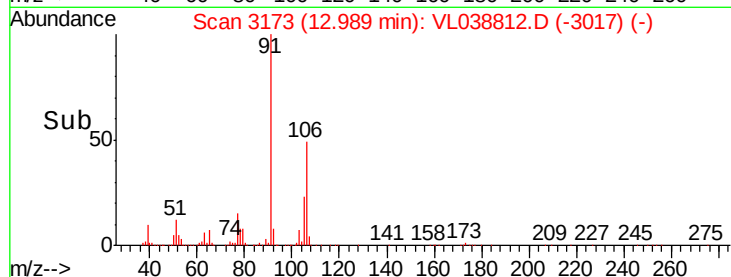
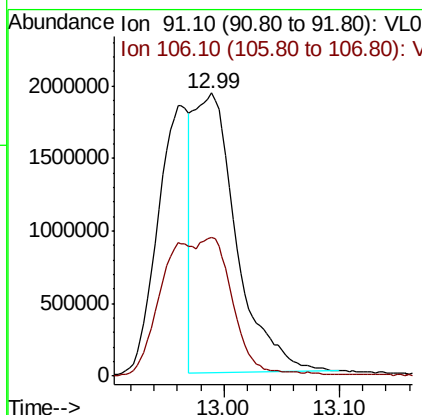
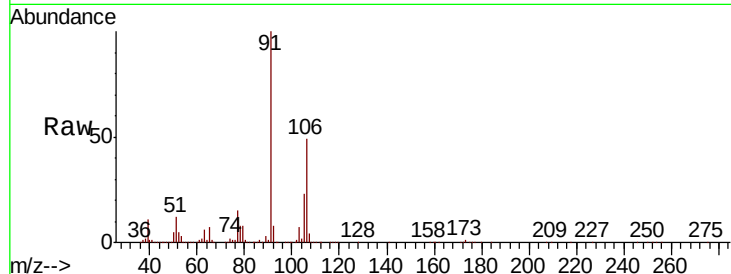
Ion 106.10 (105.80 to 106.80): V





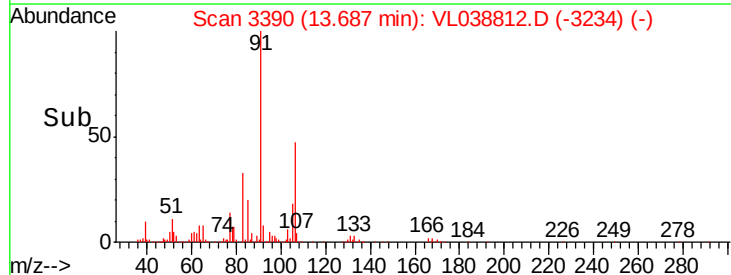
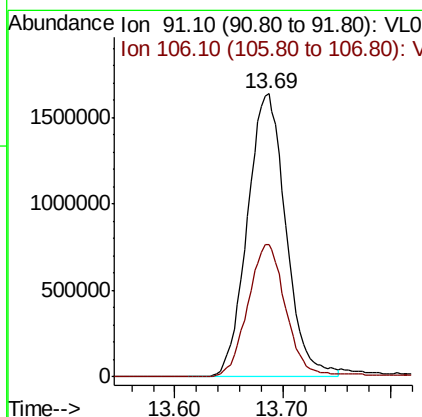
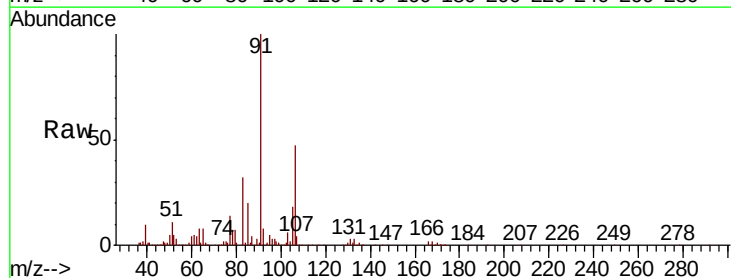
#59
m/p-Xylene
Concen: 8.320 ppbv
RT: 12.99 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 5 Apr 2022 15:55

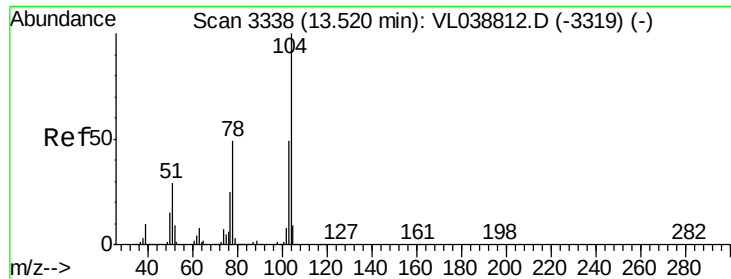
Tot Ion: 91 Resp: 4963910
Ion Ratio Lower Upper
91 100
106 80.9 37.1 55.7#



#60
o-Xylene
Concen: 7.265 ppbv
RT: 13.69 min Scan# 3390
Delta R.T. 0.00 min
Lab File: VL038812.D
Acq: 5 Apr 2022 15:55

Tgt Ion: 91 Resp: 4056207
Ion Ratio Lower Upper
91 100
106 47.6 23.8 71.4

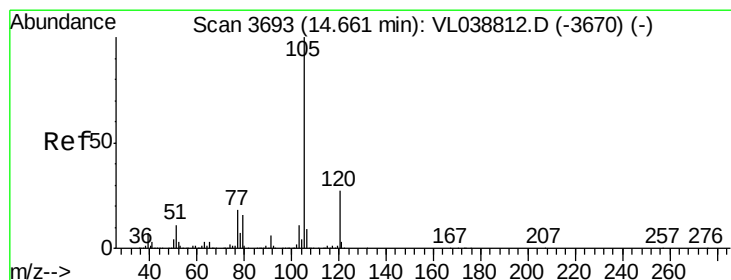
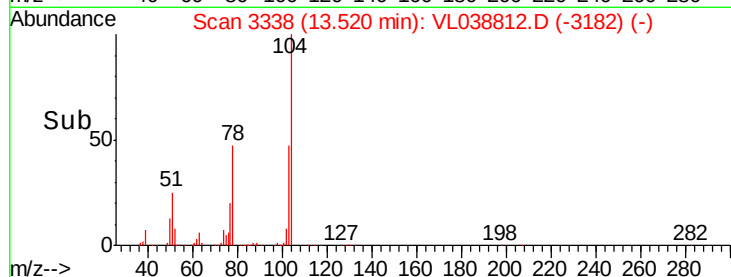
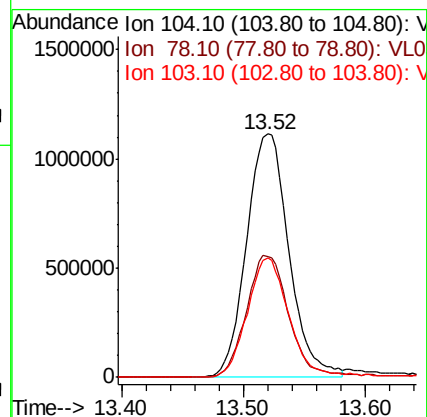
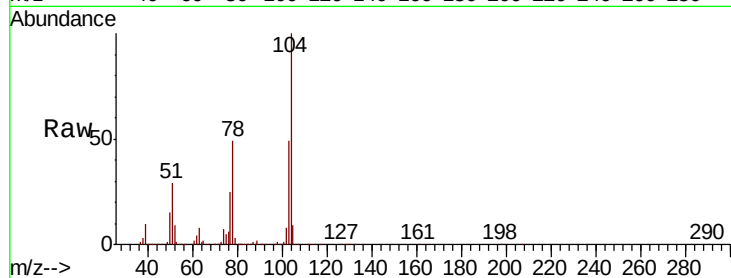




#61
Stvrene
Concen: 7.875 ppbv
RT: 13.52
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 5 Apr 2022 15:55

Tot Ion:104 Resp: 2678460

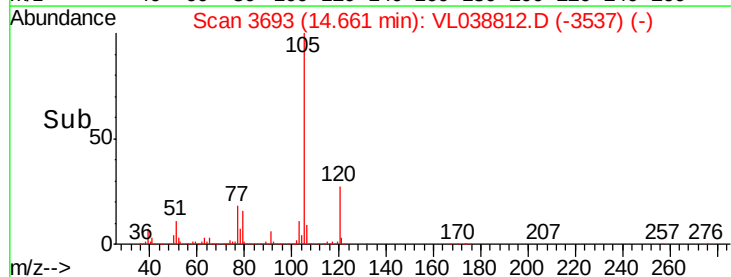
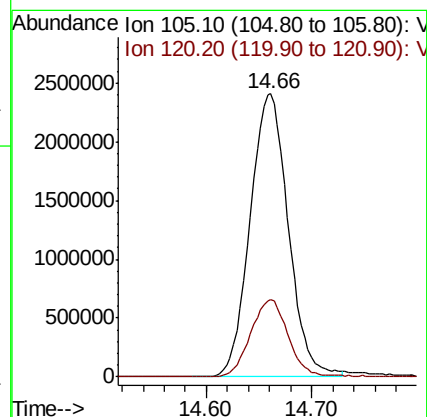
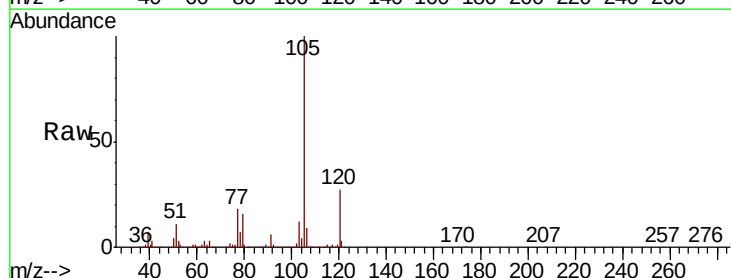
Ion	Ratio	Lower	Upper
104	100		
78	50.8	40.5	60.7
103	48.7	39.0	58.4

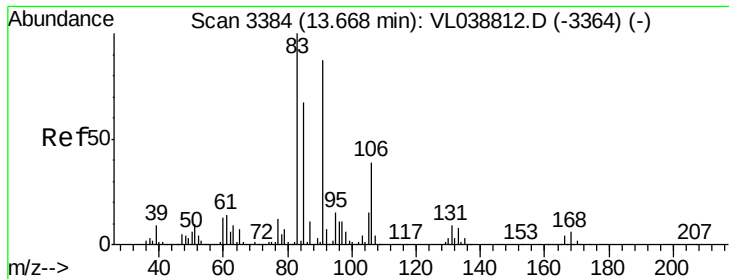


#62
Isopropylbenzene
Concen: 7.241 ppbv
RT: 14.66 min Scan# 3693
Delta R.T. 0.00 min
Lab File: VL038812.D
Acq: 5 Apr 2022 15:55

Tgt Ion:105 Resp: 6067932

Ion	Ratio	Lower	Upper
105	100		
120	27.2	21.8	32.8





#63

1,1,2,2-Tetrachloroethane

Concen: 7.282 ppbv

RT: 13.67

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 5 Apr 2022 15:55

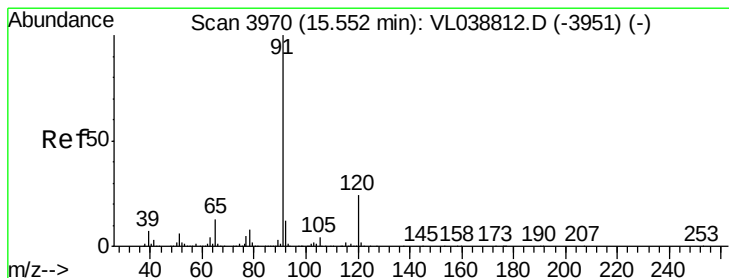
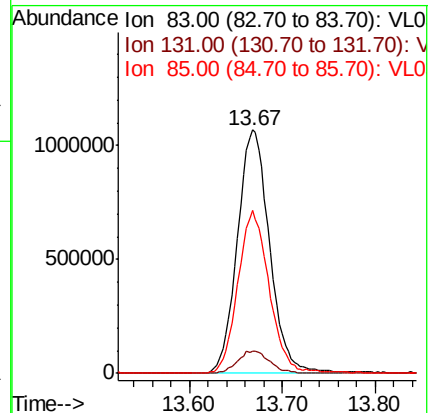
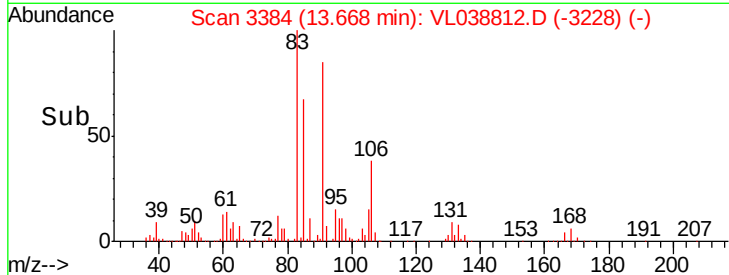
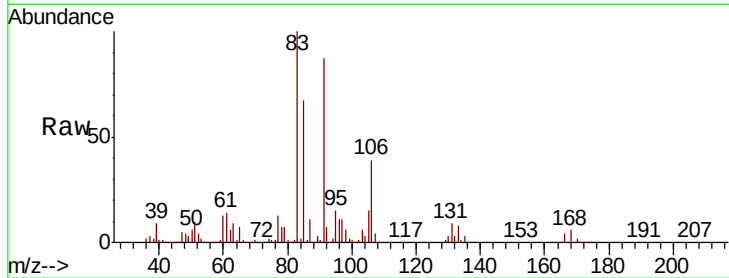
Tot Ion: 83 Resp: 2574810

Ion Ratio Lower Upper

83 100

131 9.2 4.6 13.8

85 65.9 33.0 99.0



#64

n-propylbenzene

Concen: 7.605 ppbv

RT: 15.55 min Scan# 3970

Delta R.T. 0.00 min

Lab File: VL038812.D

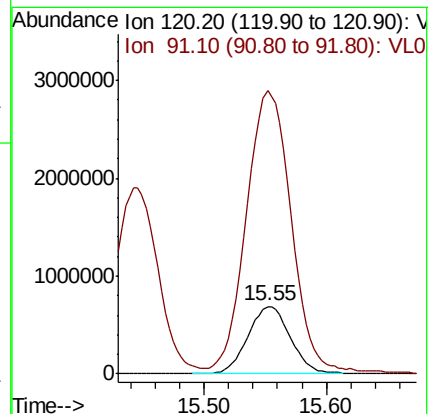
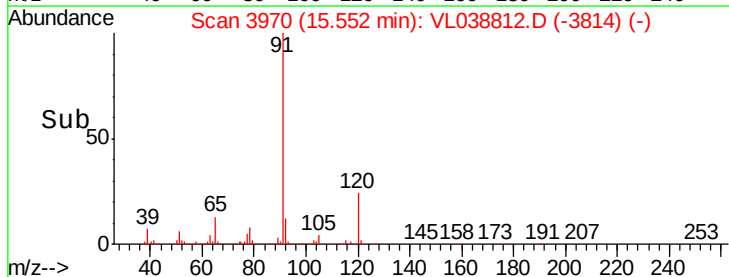
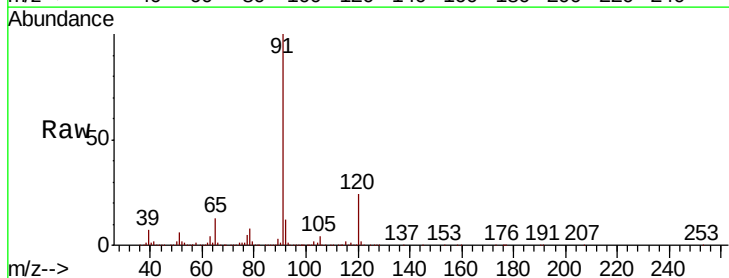
Acq: 5 Apr 2022 15:55

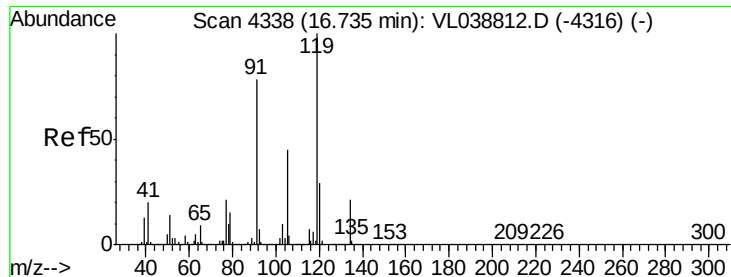
Tgt Ion:120 Resp: 1654674

Ion Ratio Lower Upper

120 100

91 450.7 360.6 540.8





#65

tert-Butylbenzene

Concen: 7.128 ppbv

RT: 16.73 min

Delta R.T. 0.00 min

Lab File: VSTDICCC010

Acq: 5 Apr 2022 15:55

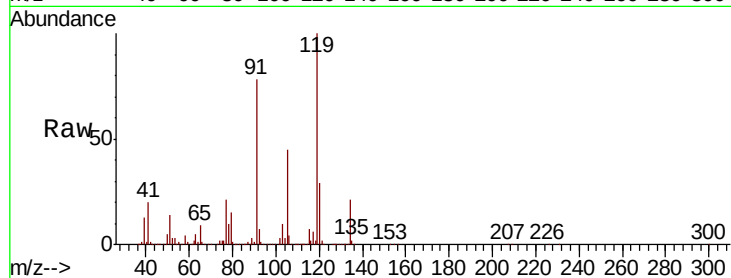
Tot Ion: 119 Resp: 5299653

Ion	Ratio	Lower	Upper
119	100		
91	78.4	62.8	94.2
134	20.3	16.2	24.4

119 100

91 78.4 62.8 94.2

134 20.3 16.2 24.4

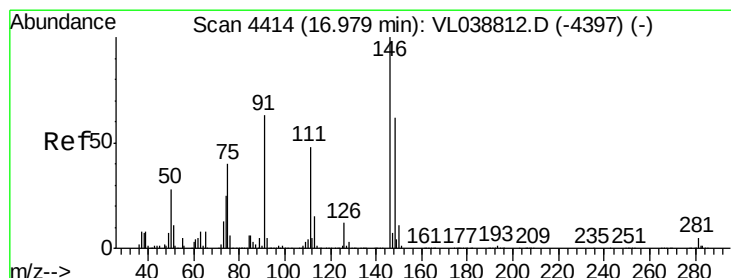
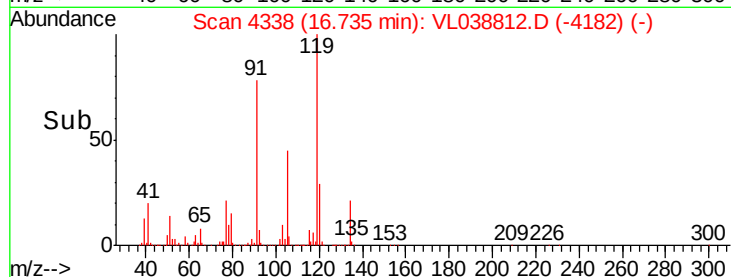
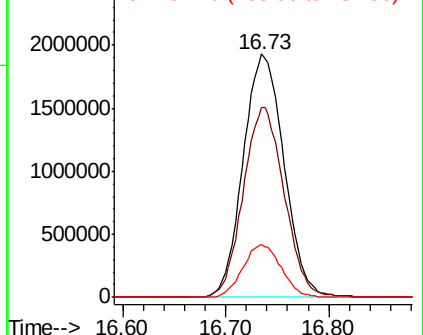


Abundance

Ion 119.20 (118.90 to 119.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 134.20 (133.90 to 134.90): V



#66

Benzyl Chloride

Concen: 9.678 ppbv

RT: 16.98 min Scan# 4414

Delta R.T. 0.00 min

Lab File: VL038812.D

Acq: 5 Apr 2022 15:55

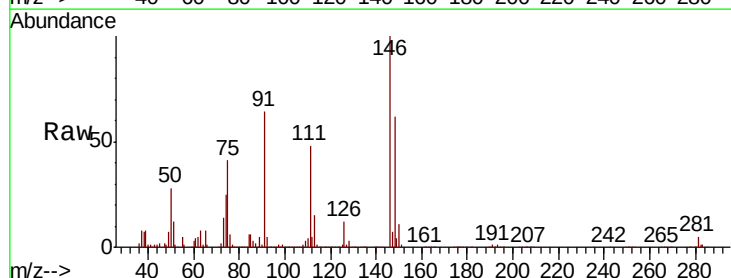
Tgt Ion: 91 Resp: 1464925

Ion	Ratio	Lower	Upper
91	100		
126	19.2	15.4	23.0
128	5.8	4.7	7.1

91 100

126 19.2 15.4 23.0

128 5.8 4.7 7.1

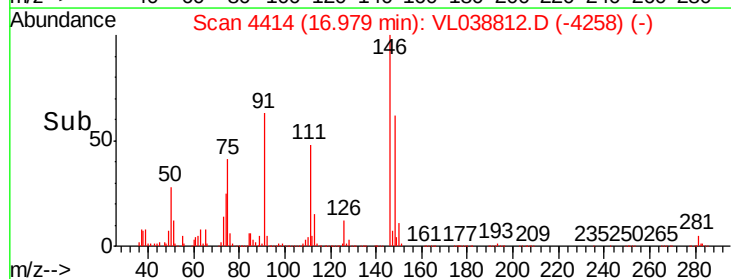
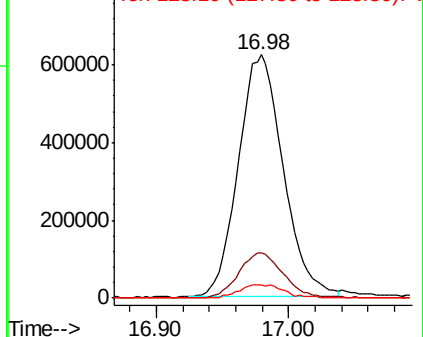


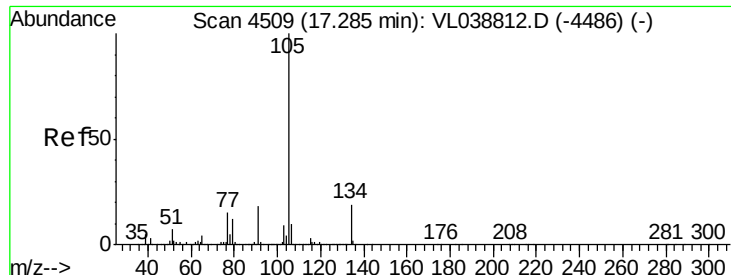
Abundance

Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V

Ion 128.10 (127.80 to 128.80): V





#67

sec-Butylbenzene

Concen: 7.164 ppbv

RT: 17.28 min

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

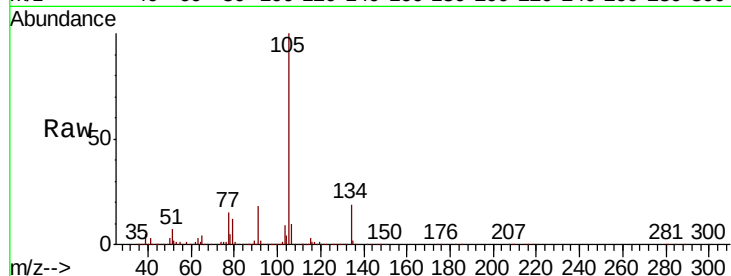
Acq: 5 Apr 2022 15:55

Tot Ion:105 Resp: 7474303

Ion Ratio Lower Upper

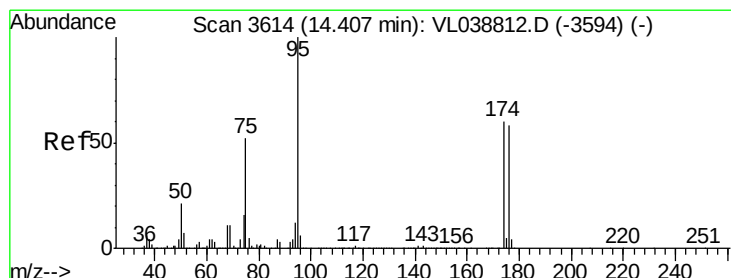
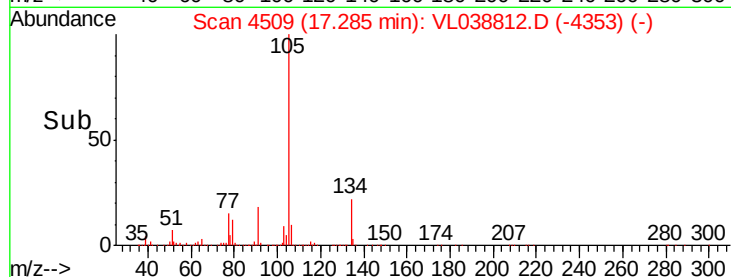
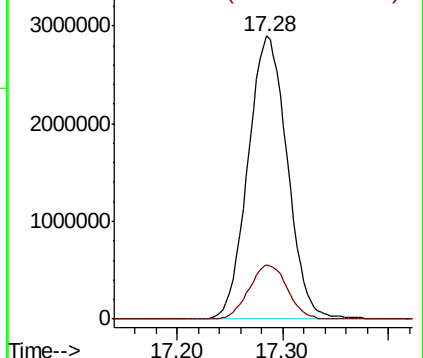
105 100

134 18.9 15.1 22.7



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.20 (133.90 to 134.90): V



#68

1-Bromo-4-Fluorobenzene

Concen: 7.955 ppbv

RT: 14.41 min Scan# 3614

Delta R.T. 0.00 min

Lab File: VL038812.D

Acq: 5 Apr 2022 15:55

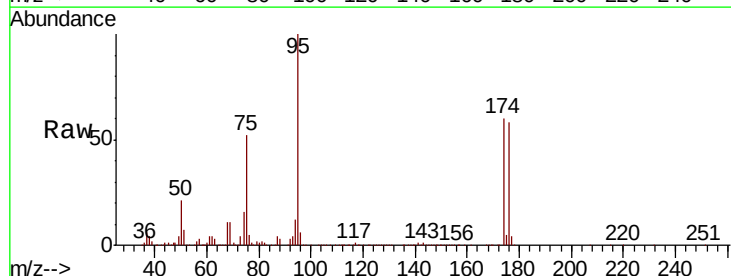
Tgt Ion: 95 Resp: 2867797

Ion Ratio Lower Upper

95 100

174 65.2 52.0 78.0

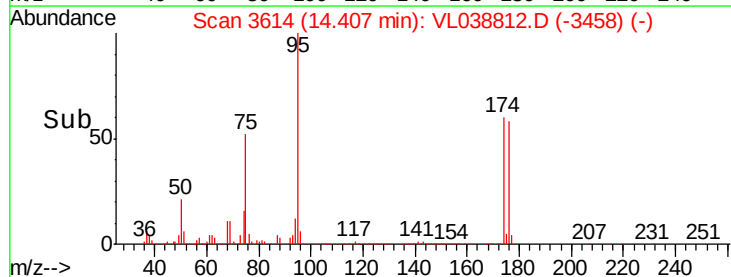
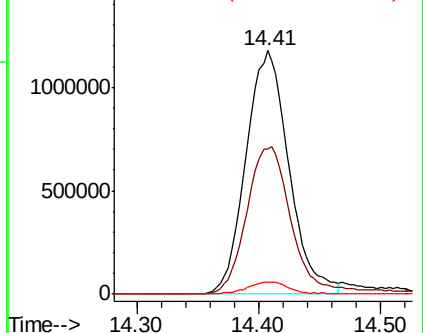
175 5.0 4.0 6.0

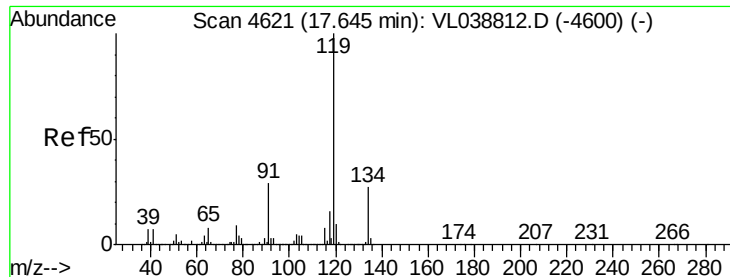


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

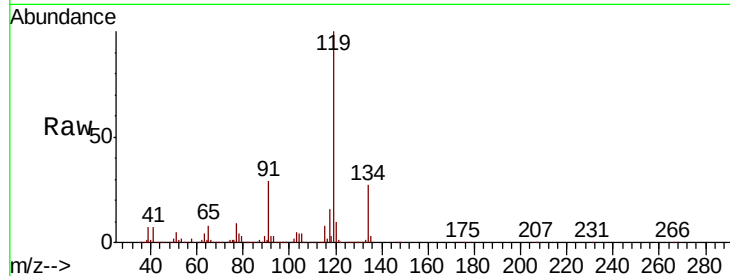




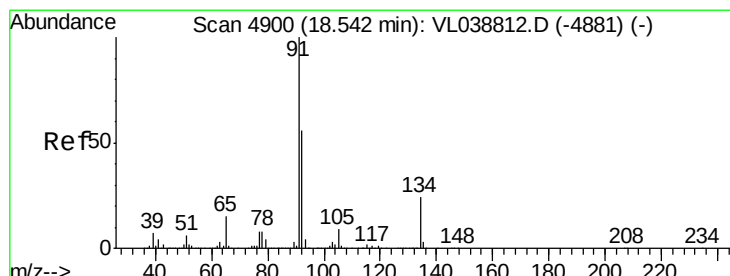
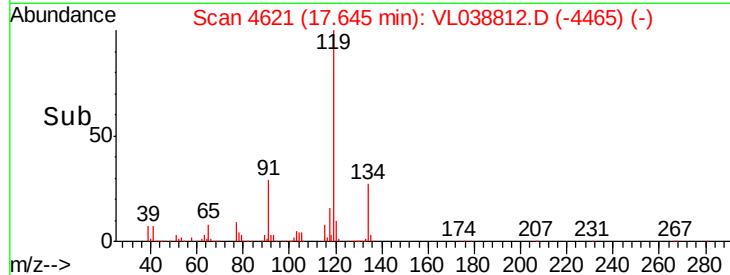
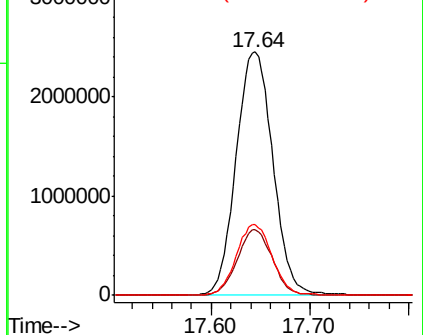
#69
 p-Isopropyltoluene
 Concen: 7.401 ppbv
 RT: 17.64 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDICCC010
 Acq: 5 Apr 2022 15:55

Tot Ion: 119 Resp: 6340180

Ion	Ratio	Lower	Upper
119	100		
134	26.0	20.8	31.2
91	28.3	22.6	34.0



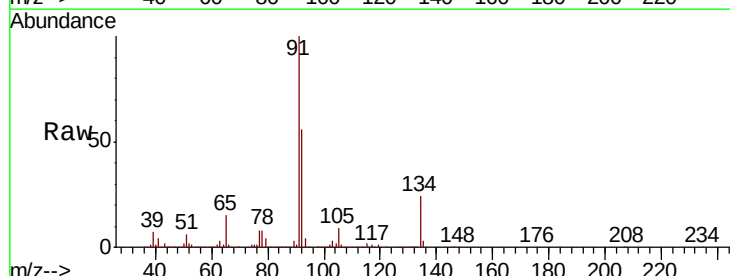
Abundance Ion 119.10 (118.80 to 119.80): V
 Ion 134.20 (133.90 to 134.90): V
 Ion 91.10 (90.80 to 91.80): V



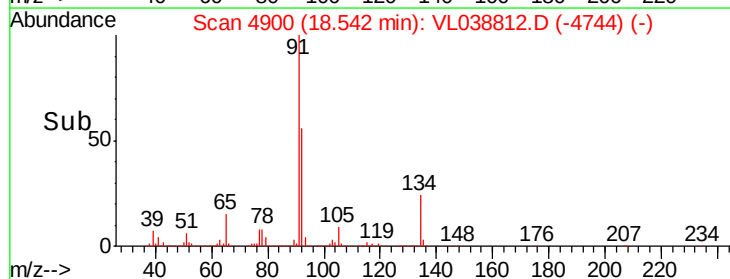
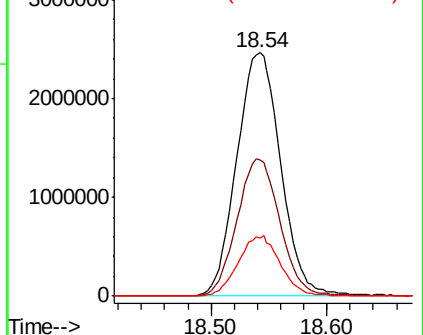
#70
 n-Butylbenzene
 Concen: 7.487 ppbv
 RT: 18.54 min Scan# 4900
 Delta R.T. 0.00 min
 Lab File: VL038812.D
 Acq: 5 Apr 2022 15:55

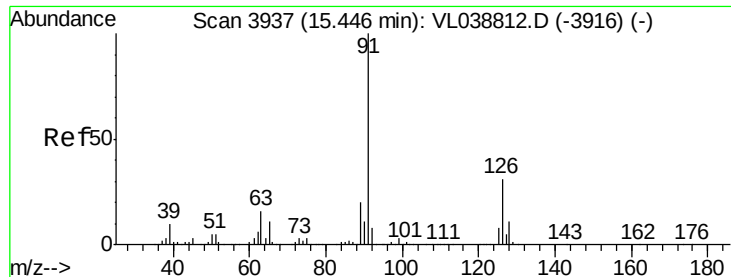
Tgt Ion: 91 Resp: 6460720

Ion	Ratio	Lower	Upper
91	100		
92	55.7	44.6	66.8
134	24.0	19.2	28.8



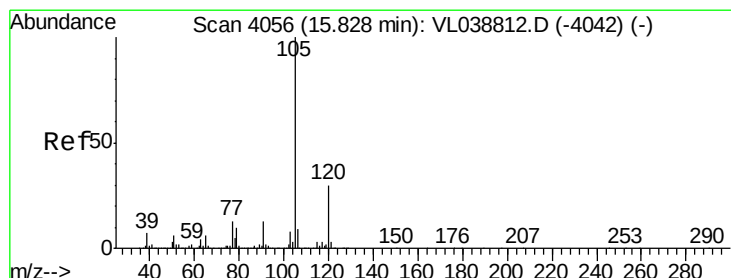
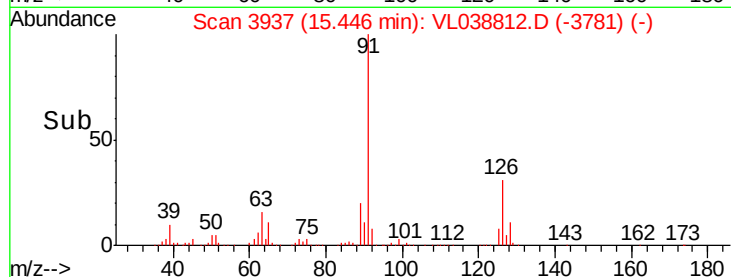
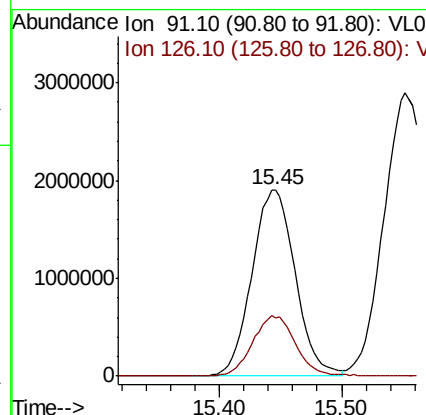
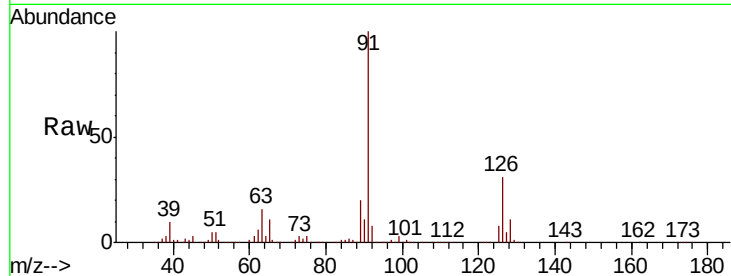
Abundance Ion 91.10 (90.80 to 91.80): VL0
 Ion 92.10 (91.80 to 92.80): VL0
 Ion 134.20 (133.90 to 134.90): V





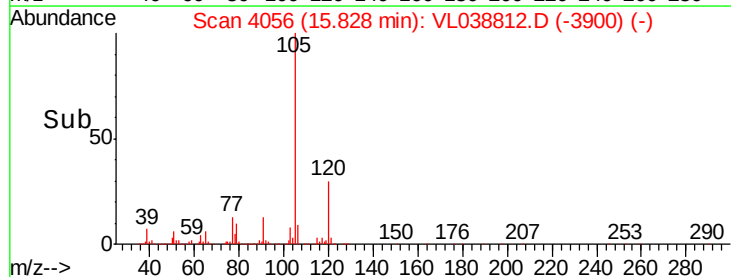
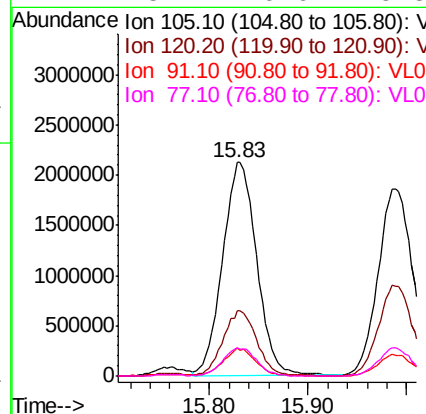
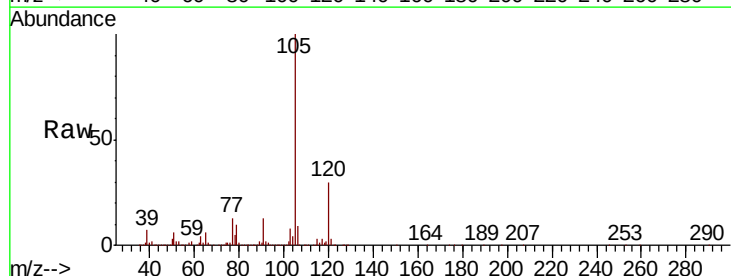
#71
 2-Chlorotoluene
 Concen: 7.426 ppbv
 RT: 15.45 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VSTDICCC010
 Acq: 5 Apr 2022 15:55

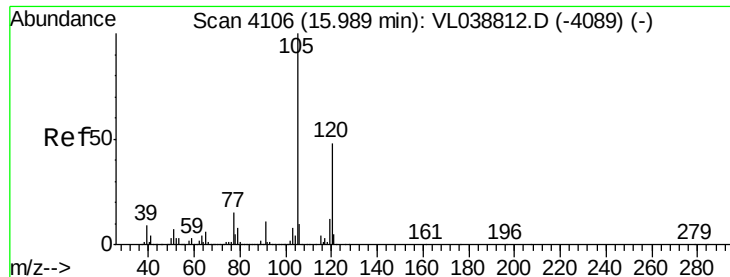
Tot Ion: 91 Resp: 4679485
 Ion Ratio Lower Upper
 91 100
 126 32.7 13.0 51.8



#72
 4-Ethyltoluene
 Concen: 7.710 ppbv
 RT: 15.83 min Scan# 4056
 Delta R.T. 0.00 min
 Lab File: VL038812.D
 Acq: 5 Apr 2022 15:55

Tgt Ion:105 Resp: 5140295
 Ion Ratio Lower Upper
 105 100
 120 30.4 24.3 36.5
 91 12.2 9.4 14.2
 77 13.2 10.6 15.8





#73

1,3,5-Trimethylbenzene

Concen: 7.584 ppbv

RT: 15.99

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

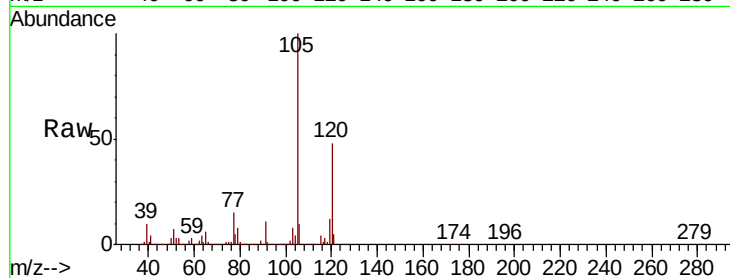
Acq: 5 Apr 2022 15:55

Tot Ion:105 Resp: 4542188

Ion Ratio Lower Upper

105 100

120 48.4 38.7 58.1



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

15.99

2000000

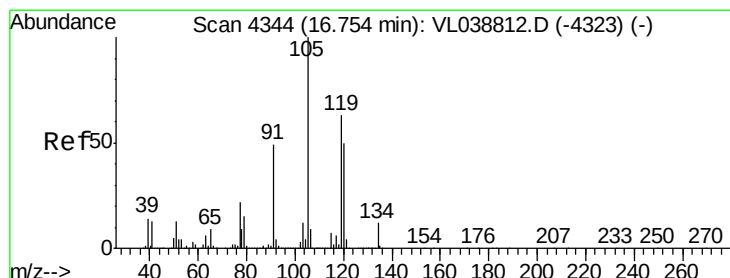
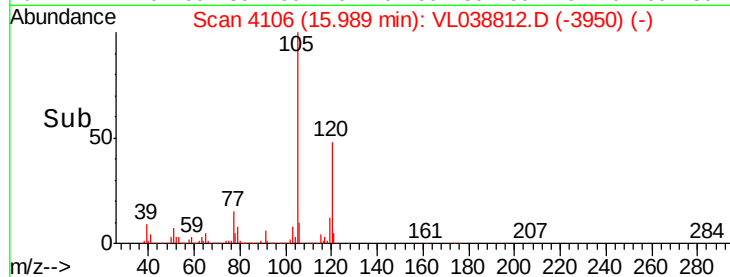
1500000

1000000

500000

0

Time-->



#74

1,2,4-Trimethylbenzene

Concen: 7.290 ppbv

RT: 16.75 min Scan# 4344

Delta R.T. 0.00 min

Lab File: VL038812.D

Acq: 5 Apr 2022 15:55

Tgt Ion:105 Resp: 4615488

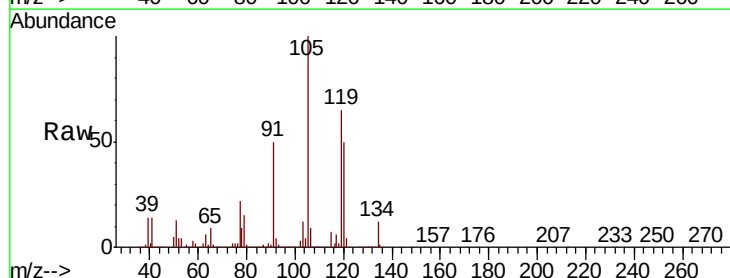
Ion Ratio Lower Upper

105 100

120 49.8 39.8 59.8

91 49.2 39.4 59.0

77 21.6 17.3 25.9



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

3000000

2500000

2000000

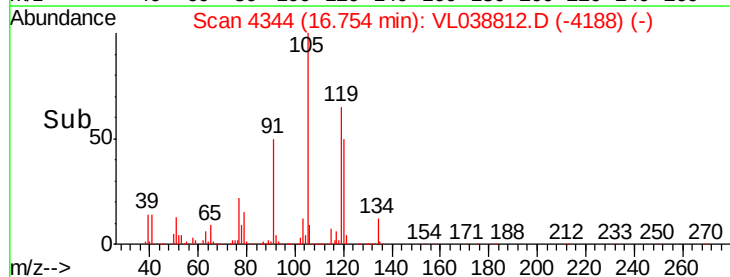
1500000

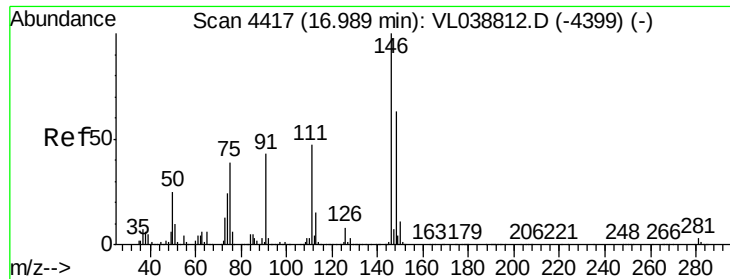
1000000

500000

0

Time-->





#75

1,3-Dichlorobenzene

Concen: 7.556 ppbv

RT: 16.99

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 5 Apr 2022 15:55

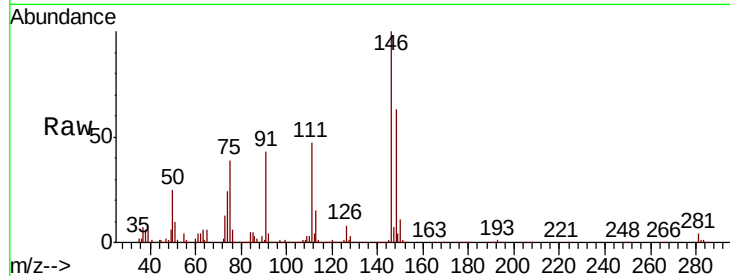
Tot Ion:146 Resp: 2777583

Ion Ratio Lower Upper

146 100

111 47.5 23.8 71.2

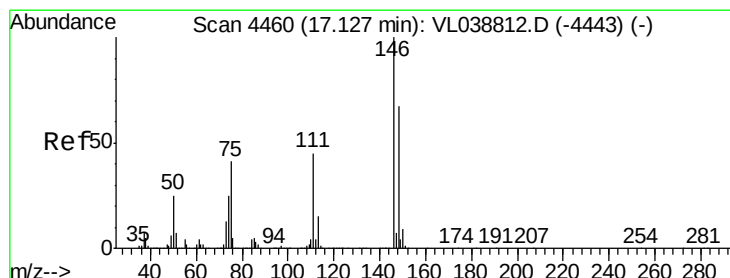
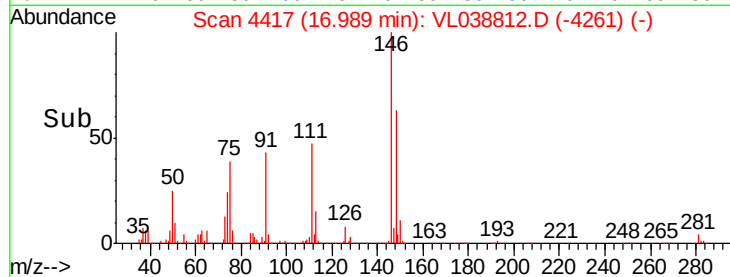
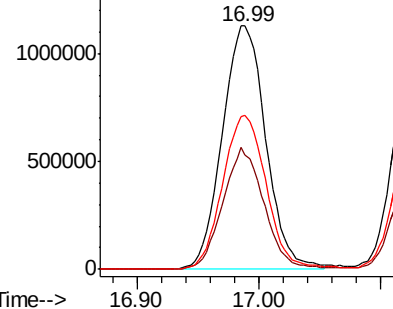
148 63.6 31.8 95.4



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V



#76

1,4-Dichlorobenzene

Concen: 7.547 ppbv

RT: 17.13 min Scan# 4460

Delta R.T. 0.00 min

Lab File: VL038812.D

Acq: 5 Apr 2022 15:55

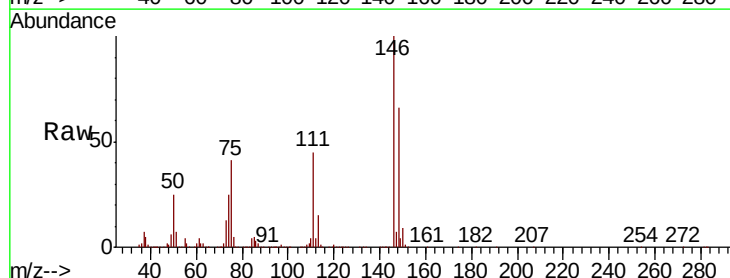
Tgt Ion:146 Resp: 2732652

Ion Ratio Lower Upper

146 100

111 46.4 23.6 70.8

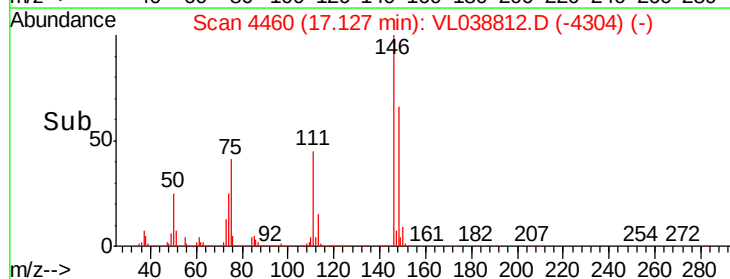
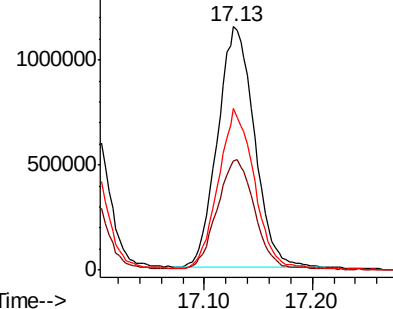
148 66.6 33.6 100.6

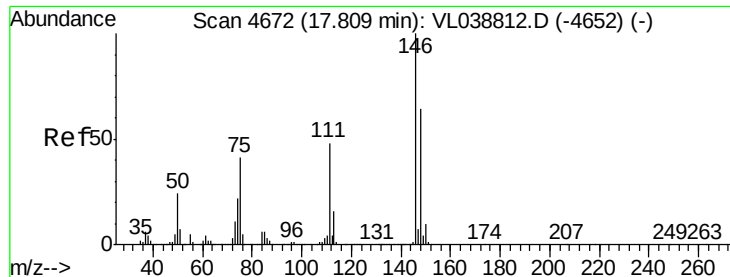


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

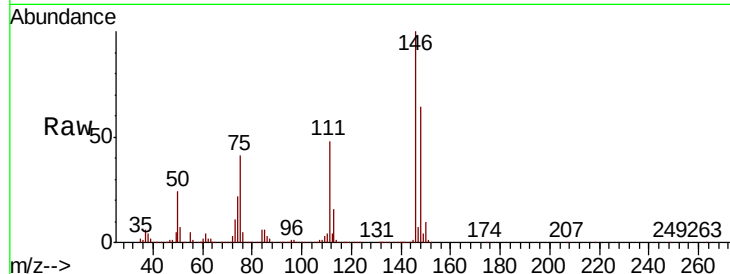
Ion 148.00 (147.70 to 148.70): V



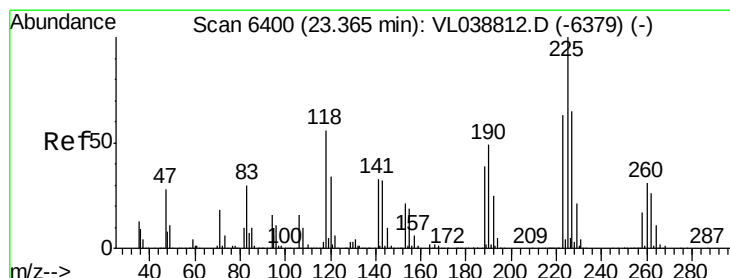
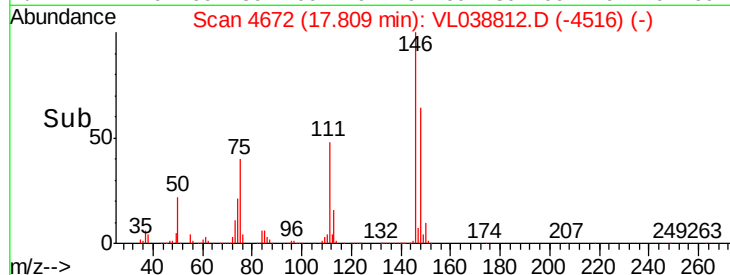
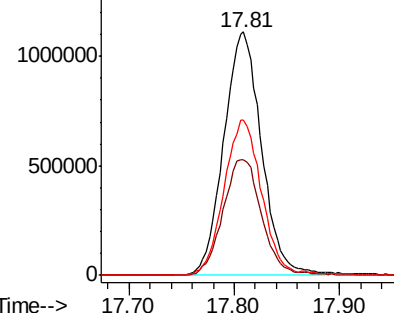


#77
 1,2-Dichlorobenzene
 Concen: 7.577 ppbv
 RT: 17.81 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDICCC010
 Acq: 5 Apr 2022 15:55

Tot Ion:146 Resp: 2745639
 Ion Ratio Lower Upper
 146 100
 111 49.5 24.8 74.3
 148 63.8 31.9 95.7

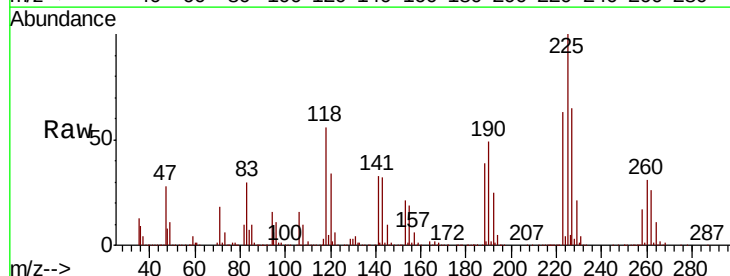


Abundance Ion 146.00 (145.70 to 146.70): V
 1500000 Ion 111.10 (110.80 to 111.80): V
 Ion 148.00 (147.70 to 148.70): V

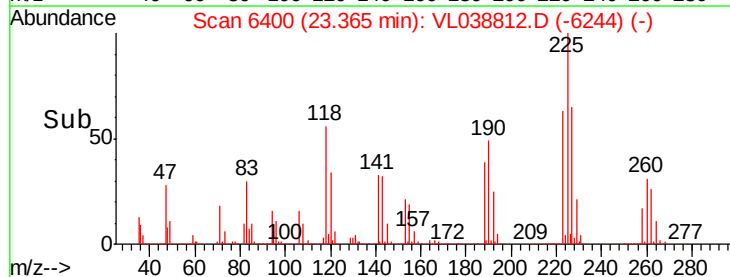
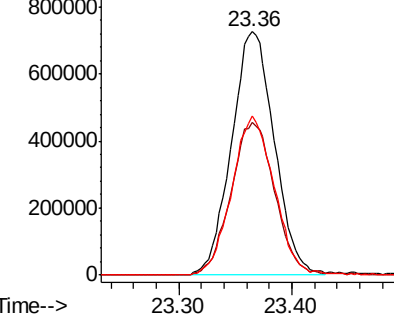


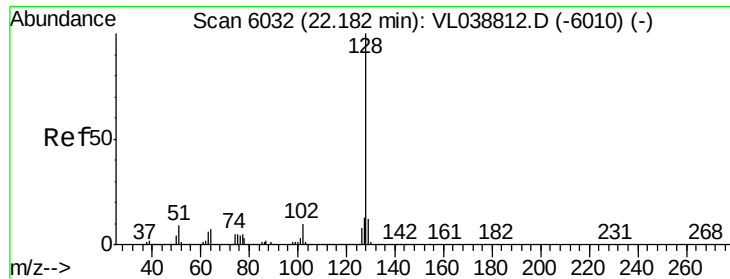
#78
 Hexachloro-1,3-Butadiene
 Concen: 6.664 ppbv
 RT: 23.36 min Scan# 6400
 Delta R.T. 0.00 min
 Lab File: VL038812.D
 Acq: 5 Apr 2022 15:55

Tgt Ion:225 Resp: 1907761
 Ion Ratio Lower Upper
 225 100
 223 64.5 51.6 77.4
 227 65.4 52.3 78.5



Abundance Ion 224.90 (224.60 to 225.60): V
 1000000 Ion 222.90 (222.60 to 223.60): V
 Ion 226.90 (226.60 to 227.60): V

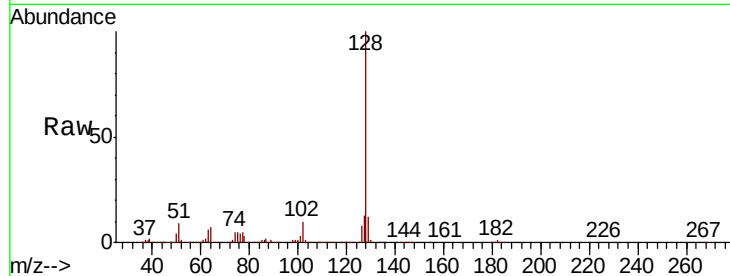




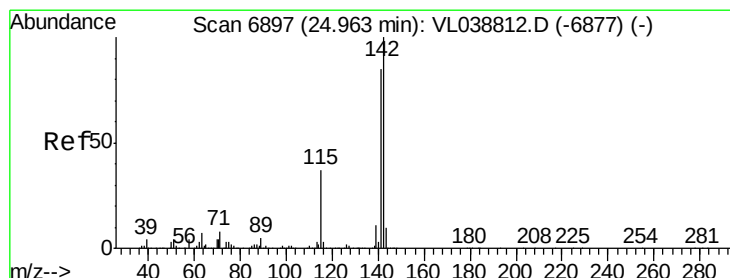
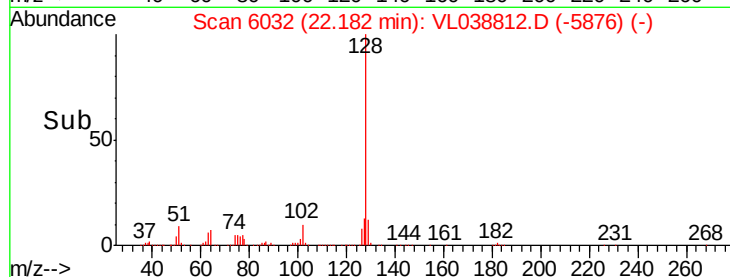
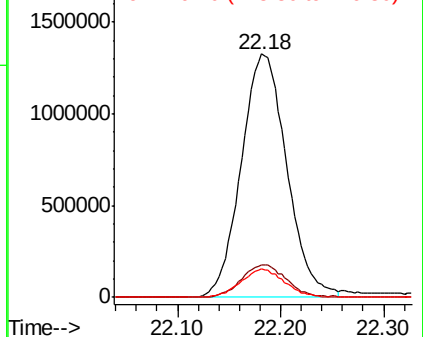
#79
Naphthalene
Concen: 8.578 ppbv
RT: 22.18 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 5 Apr 2022 15:55
VSTDICCC010

Tot Ion:128 Resp: 4062602

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.6	15.8
129	11.7	9.4	14.0



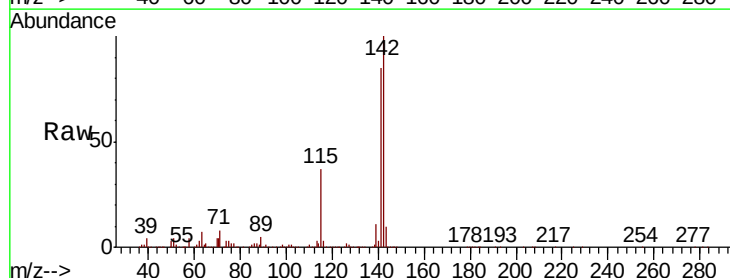
Abundance Ion 128.10 (127.80 to 128.80): V
Ion 127.10 (126.80 to 127.80): V
Ion 129.10 (128.80 to 129.80): V



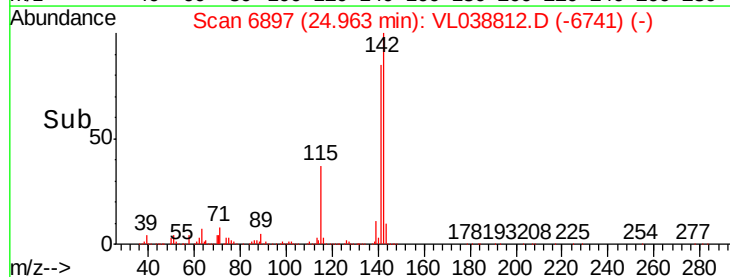
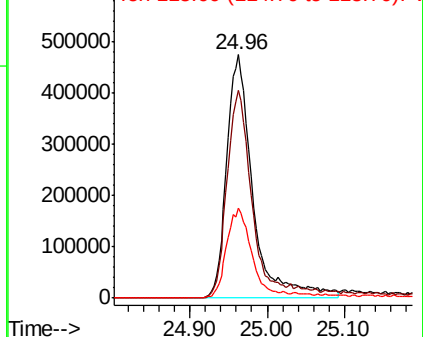
#80
Naphthalene, 2-methyl-
Concen: 9.542 ppbv
RT: 24.96 min Scan# 6897
Delta R.T.: 0.00 min
Lab File: VL038812.D
Acq: 5 Apr 2022 15:55

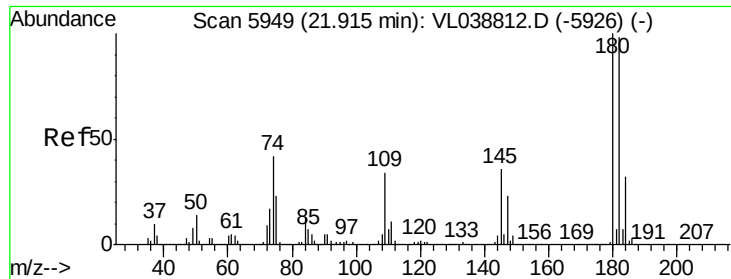
Tgt Ion:142 Resp: 1113596

Ion	Ratio	Lower	Upper
142	100		
141	86.0	68.8	103.2
115	39.5	31.6	47.4



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





#81
 1,2,4-Trichlorobenzene
 Concen: 7.772 ppbv
 RT: 21.91
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 VSTDICCC010
 Acq: 5 Apr 2022 15:55

Tot Ion:	180	Resp:	2154187
Ion	Ratio	Lower	Upper
180	100		
182	98.2	79.4	119.0
184	31.8	25.0	37.6

