

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL112321\
 Data File : VL038094.D
 Acq On : 23 Nov 2021 10:22
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Quant Time: Nov 24 06:53:10 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111821AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Nov 18 13:16:09 2021
 QLast Update : Thu Nov 18 13:16:09 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	960316	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2864819	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	3301107	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2075828	8.72	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	87.20%

Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.06	85	1447007	9.122	ppbv 97
3) Chlorodifluoromethane	3.00	51	1924782	9.544	ppbv 99
4) Chloromethane	3.15	50	658487	9.592	ppbv 97
5) Vinyl Chloride	3.27	62	671928	9.977	ppbv 99
6) Bromomethane	3.48	94	351860	9.753	ppbv 96
7) Chloroethane	3.56	64	231152	9.671	ppbv 93
8) Dichlorotetrafluoroethane	3.20	85	1606612	10.181	ppbv 97
9) Propene	3.02	41	650244	8.755	ppbv 96
10) Heptane	8.12	43	1665244	9.072	ppbv 100
11) Trichlorofluoromethane	3.96	101	1566804	10.386	ppbv 99
12) 1,1,2-Trichlorotrifluoroet	4.49	101	1120437	10.499	ppbv 100
13) Ethanol	3.63	45	36378	5.068	ppbv 67
14) Bromoethene	3.75	108	479574	10.036	ppbv 99
15) Acetone	3.86	43	772080	9.273	ppbv 99
16) 1,3-Butadiene	3.34	39	637919	9.821	ppbv 98
17) tert-Butyl alcohol	4.30	59	921835	9.127	ppbv 100
18) 1,1-Dichloroethene	4.29	96	501731	10.249	ppbv 98
19) Isopropyl Alcohol	3.98	45	457680	7.608	ppbv 100
20) Methylene Chloride	4.35	84	440280	9.441	ppbv 96
21) Allyl Chloride	4.42	41	755183	9.799	ppbv 97
22) trans-1,2-Dichloroethene	4.89	96	545108	10.993	ppbv 98
23) Vinyl Acetate	5.08	43	1263450	10.483	ppbv 99
24) 1,1-Dichloroethane	5.02	63	1076559	10.726	ppbv 98
25) Ethyl Acetate	5.68	43	2485718	8.983	ppbv 99
26) Hexane	5.69	57	1200729	9.003	ppbv 96
27) Carbon Disulfide	4.56	76	1266734	10.602	ppbv 99
28) Methyl tert-Butyl Ether	5.04	73	1192349	10.524	ppbv 100
29) Chloroform	5.76	83	1862644	9.476	ppbv 100
30) Cyclohexane	7.13	84	1096453	9.055	ppbv 99
31) cis-1,2-Dichloroethene	5.55	61	1159221	9.137	ppbv 96
32) 1,1,1-Trichloroethane	6.52	97	1945338	9.751	ppbv 99
34) 2-Butanone	5.25	43	854196	7.395	ppbv 98
35) Carbon Tetrachloride	7.02	117	1963562	9.755	ppbv 100
36) Benzene	6.89	78	2643240	9.249	ppbv 100
37) 1,2-Dichloroethane	6.31	62	1437808	10.418	ppbv 98
38) Trichloroethene	7.83	130	946912	8.784	ppbv 99
39) 1,2-Dichloropropane	7.62	63	1032541	9.419	ppbv 96
40) 1,4-Dioxane	7.84	88	237862	8.329	ppbv # 1
41) Tetrahydrofuran	6.05	42	635942	8.868	ppbv 98
42) Bromodichloromethane	7.79	83	2123260	10.119	ppbv 100
43) Methyl Methacrylate	8.02	69	964429	9.864	ppbv 100

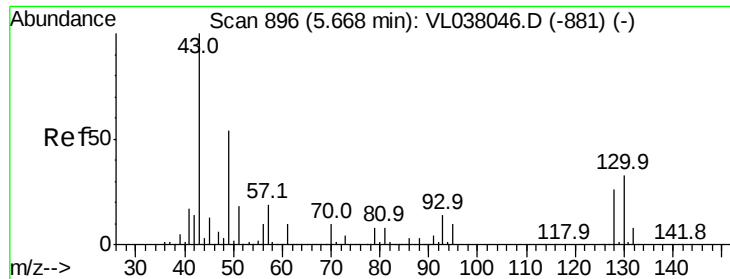
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL112321\
 Data File : VL038094.D
 Acq On : 23 Nov 2021 10:22
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Quant Time: Nov 24 06:53:10 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111821AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Nov 18 13:16:09 2021
 QLast Update : Thu Nov 18 13:16:09 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.87	57	4244843	8.878	ppbv	100
45) t-1,3-Dichloropropene	9.28	75	877810	11.193	ppbv	97
46) cis-1,3-Dichloropropene	8.70	75	1087983	10.257	ppbv	97
47) 1,1,2-Trichloroethane	9.47	97	1043894	9.092	ppbv	92
48) Dibromochloromethane	10.30	129	1705219	9.753	ppbv	99
49) Bromoform	13.04	173	1236489	9.885	ppbv	98
50) 4-Methyl-2-Pentanone	8.74	43	1720928	9.810	ppbv	100
51) 2-Hexanone	10.14	43	795542	9.639	ppbv #	98
52) Tetrachloroethene	11.22	164	867009	8.199	ppbv	99
53) Toluene	9.81	91	2968016	9.027	ppbv	99
54) 1,2-Dibromoethane	10.61	107	1483336	9.147	ppbv	96
56) 1,1,1,2-Tetrachloroethane	12.12	131	1100012	7.340	ppbv	99
57) Chlorobenzene	12.14	112	2069004	6.993	ppbv	97
58) Ethyl Benzene	12.71	91	3844646	7.047	ppbv	100
59) m/p-Xylene	12.99	91	3277234	7.135	ppbv #	37
60) o-Xylene	13.69	91	2913824	6.839	ppbv	98
61) Styrene	13.53	104	1613282	7.062	ppbv	96
62) Isopropylbenzene	14.67	105	4098914	6.777	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.67	83	2061633	6.514	ppbv	99
64) n-propylbenzene	15.56	120	1061636	6.891	ppbv	95
65) tert-Butylbenzene	16.74	119	3475777	6.523	ppbv	98
66) Benzyl Chloride	16.99	91	186233	6.896	ppbv	100
67) sec-Butylbenzene	17.29	105	4902340	6.603	ppbv	99
69) p-Isopropyltoluene	17.65	119	3927652	6.763	ppbv	98
70) n-Butylbenzene	18.54	91	3853411	6.939	ppbv	99
71) 2-Chlorotoluene	15.45	91	3060297	6.921	ppbv	99
72) 4-Ethyltoluene	15.83	105	3526912	7.140	ppbv	98
73) 1,3,5-Trimethylbenzene	16.00	105	3073272	6.811	ppbv	99
74) 1,2,4-Trimethylbenzene	16.76	105	3139309	6.752	ppbv	95
75) 1,3-Dichlorobenzene	16.99	146	1734286	6.791	ppbv	99
76) 1,4-Dichlorobenzene	17.13	146	1707526	6.645	ppbv	100
77) 1,2-Dichlorobenzene	17.82	146	1652896	6.685	ppbv	100
78) Hexachloro-1,3-Butadiene	23.37	225	896965	5.810	ppbv	99
79) Naphthalene	22.19	128	1714488	7.002	ppbv	97
80) Naphthalene, 2-methyl-	24.97	142	334025	6.366	ppbv	97
81) 1,2,4-Trichlorobenzene	21.92	180	920574	6.543	ppbv	97

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDCCC010

Acq: 23 Nov 2021 10:22

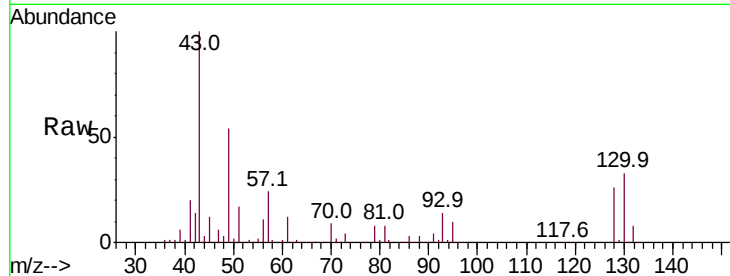
Tot Ion: 49 Resp: 960316

Ion Ratio Lower Upper

49 100

128 52.1 26.5 79.5

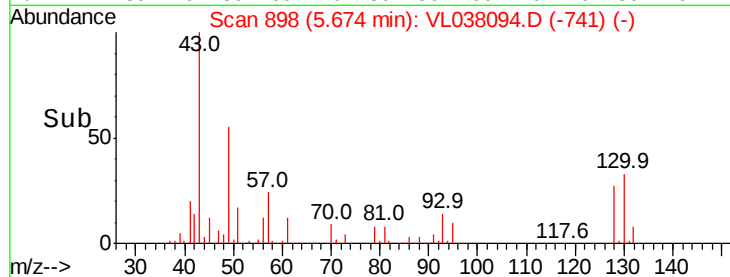
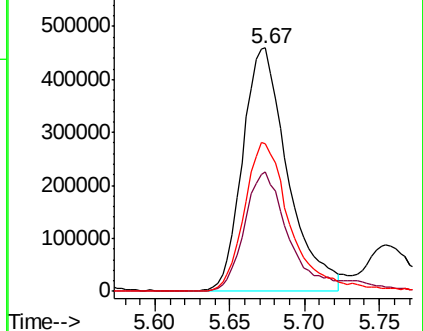
130 63.6 32.5 97.4



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: 9.122 ppbv

RT: 3.06 min Scan# 85

Delta R.T. 0.01 min

Lab File: VL038094.D

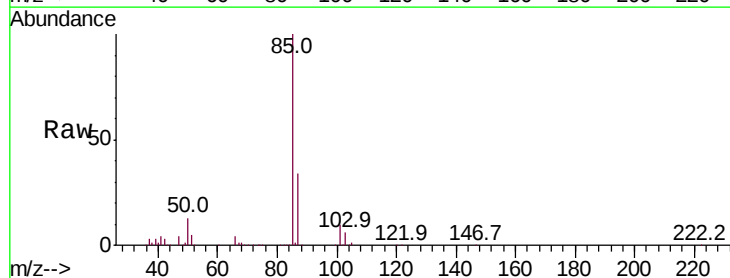
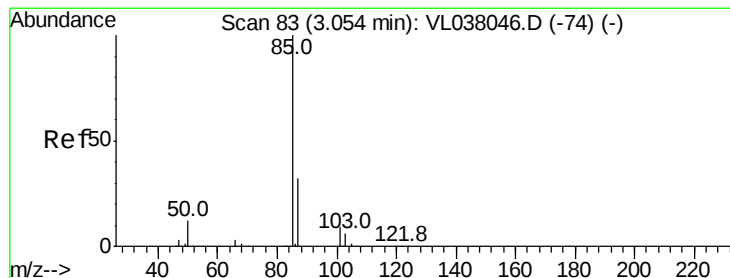
Acq: 23 Nov 2021 10:22

Tgt Ion: 85 Resp: 1447007

Ion Ratio Lower Upper

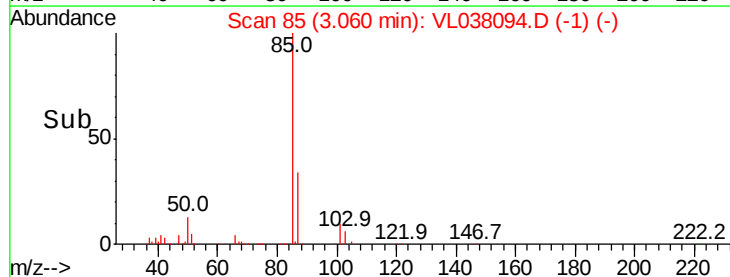
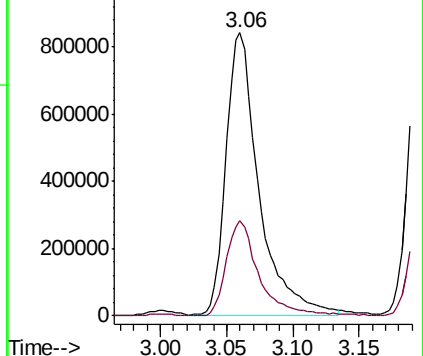
85 100

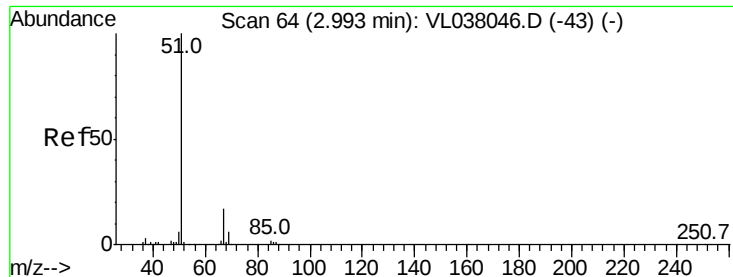
87 33.6 25.8 38.6



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 9.544 ppbv

RT: 3.00 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDCCC010

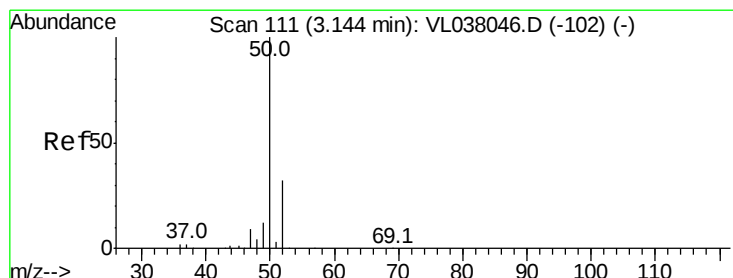
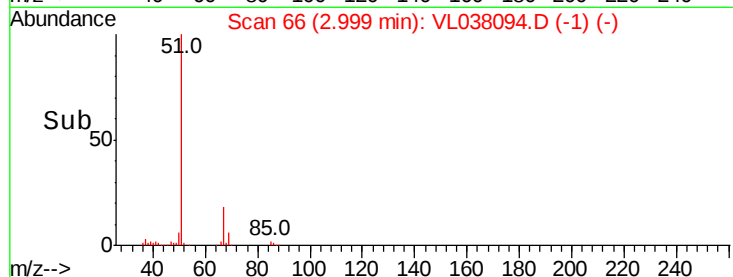
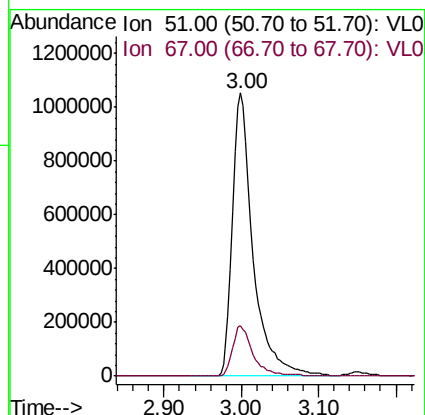
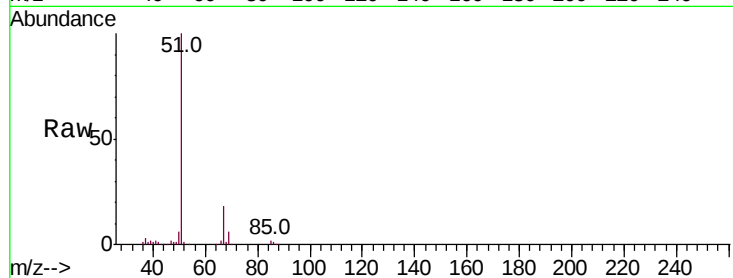
Acq: 23 Nov 2021 10:22

Tot Ion: 51 Resp: 1924782

Ion Ratio Lower Upper

51 100

67 17.9 13.8 20.8



#4

Chloromethane

Concen: 9.592 ppbv

RT: 3.15 min Scan# 113

Delta R.T. 0.01 min

Lab File: VL038094.D

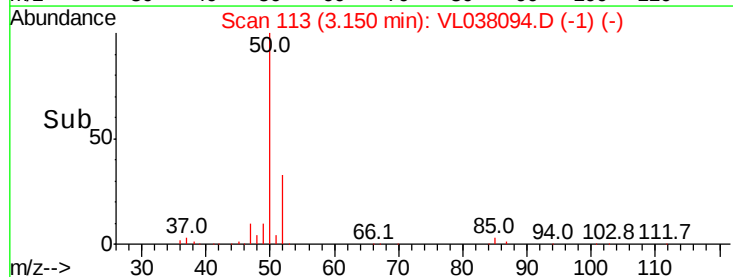
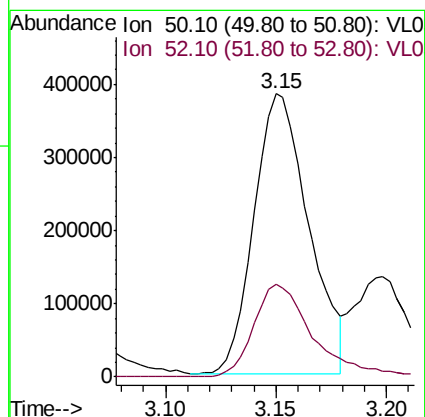
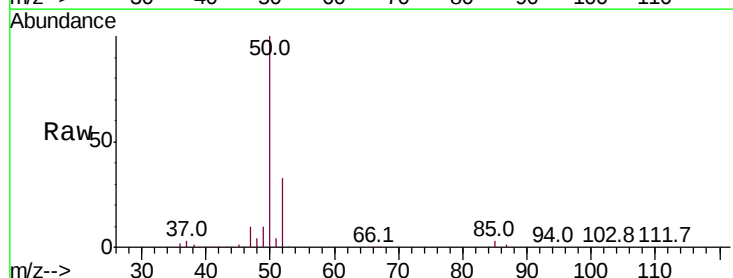
Acq: 23 Nov 2021 10:22

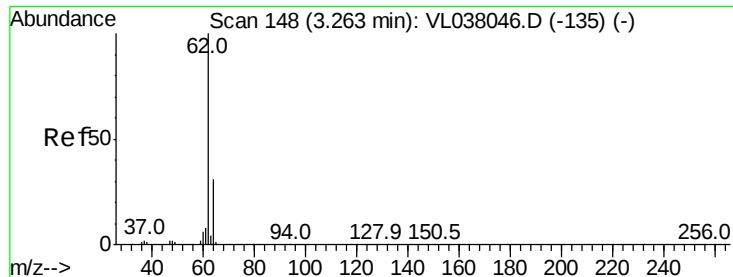
Tgt Ion: 50 Resp: 658487

Ion Ratio Lower Upper

50 100

52 33.2 25.4 38.0





#5

Vinyl Chloride

Concen: 9.977 ppbv

RT: 3.27 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

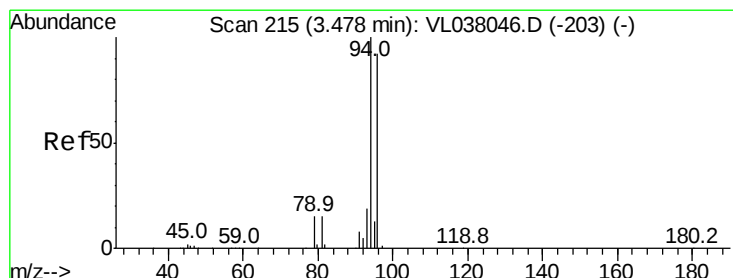
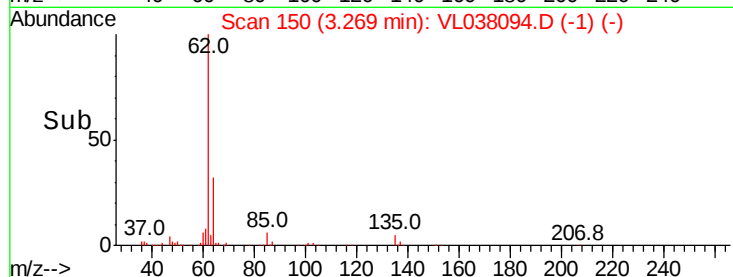
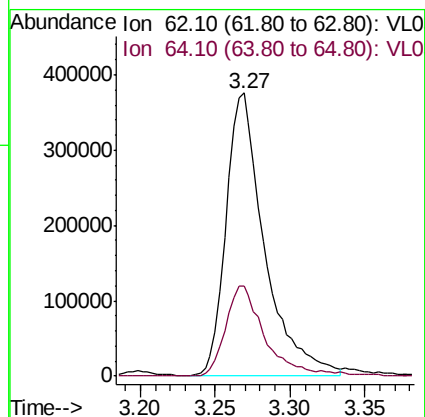
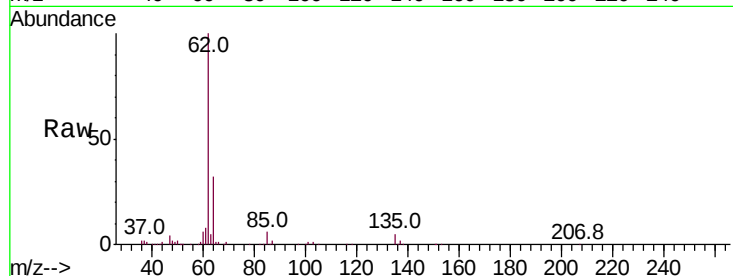
Acq: 23 Nov 2021 10:22 VSTDCCC010

Tot Ion: 62 Resp: 671928

Ion Ratio Lower Upper

62 100

64 32.1 25.1 37.7



#6

Bromomethane

Concen: 9.753 ppbv

RT: 3.48 min Scan# 216

Delta R.T. 0.00 min

Lab File: VL038094.D

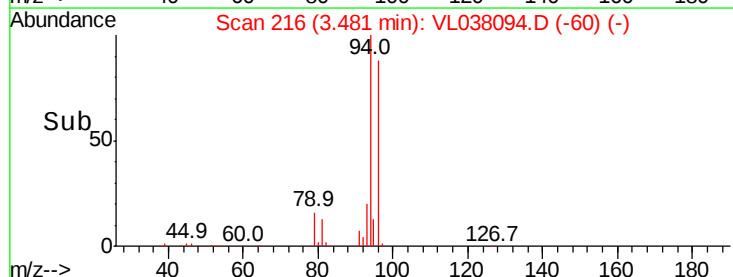
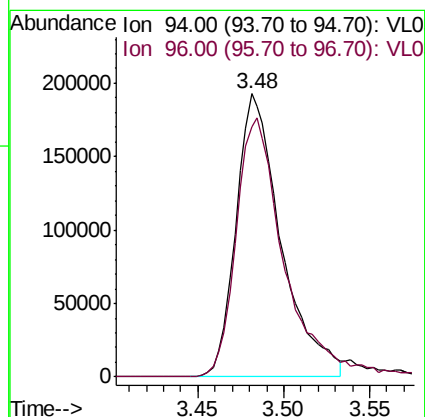
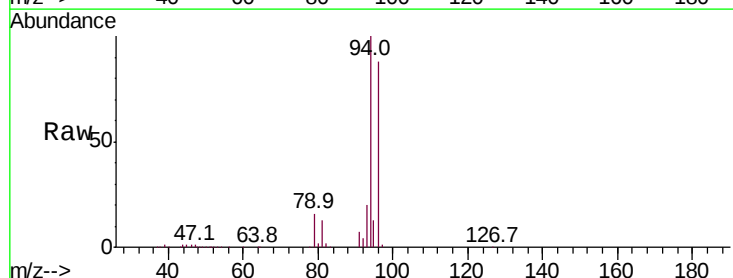
Acq: 23 Nov 2021 10:22

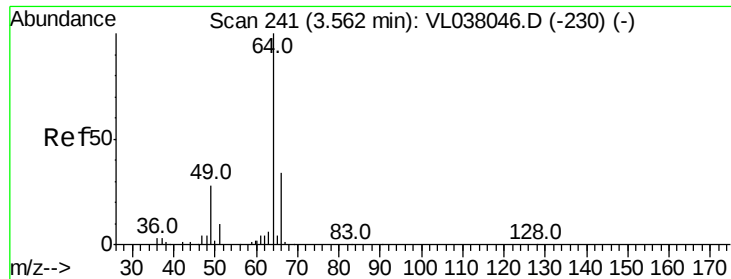
Tgt Ion: 94 Resp: 351860

Ion Ratio Lower Upper

94 100

96 88.3 73.9 110.9





#7

Chloroethane

Concen: 9.671 ppbv

RT: 3.56 Instrument: MSVOA_1

Delta R.T. 0.01 min

Lab File: ClientSampleId: VSTDCCC010

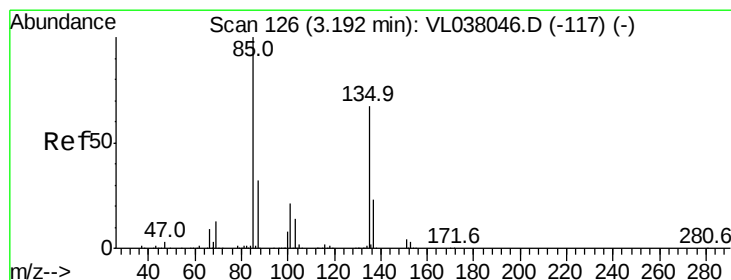
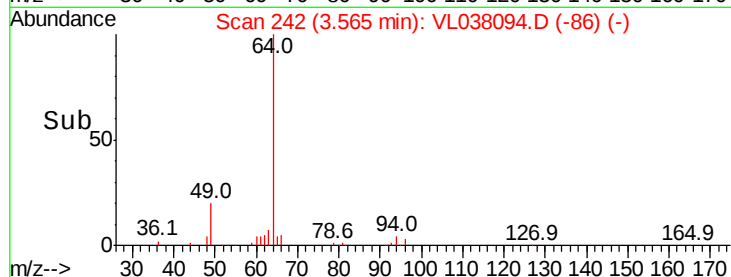
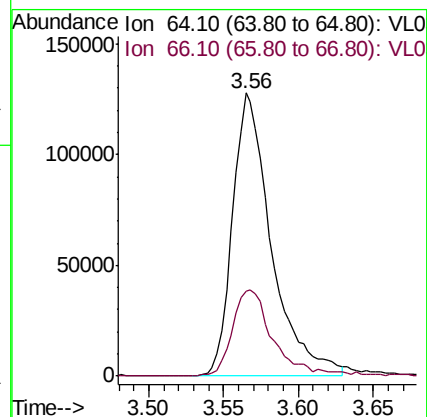
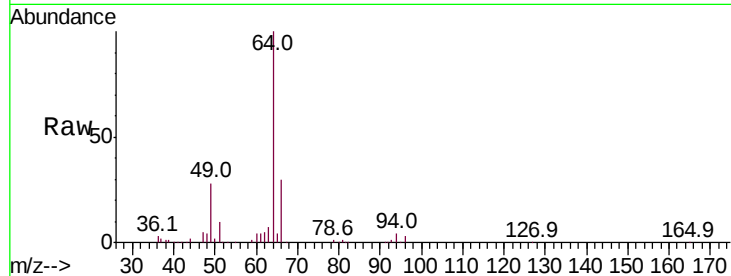
Acq: 23 Nov 2021 10:22

Tot Ion: 64 Resp: 231152

Ion Ratio Lower Upper

64 100

66 30.0 27.2 40.8



#8

Dichlorotetrafluoroethane

Concen: 10.181 ppbv

RT: 3.20 min Scan# 128

Delta R.T. 0.01 min

Lab File: VL038094.D

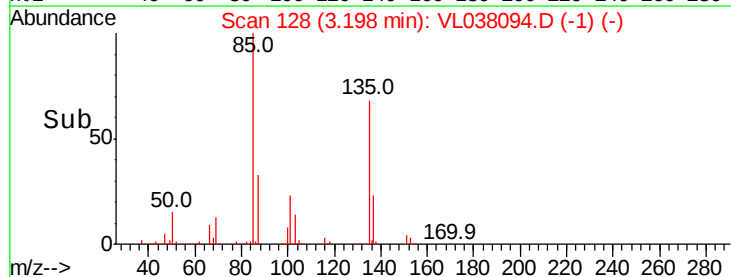
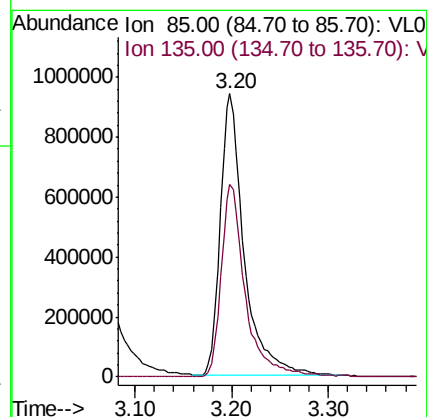
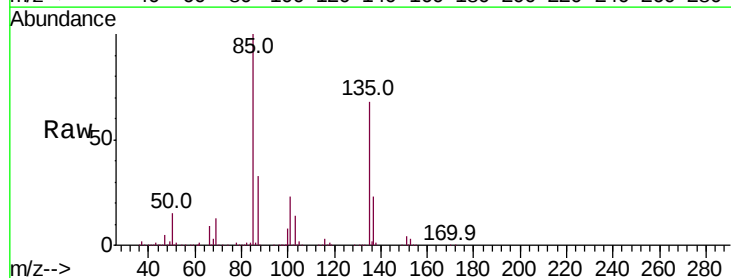
Acq: 23 Nov 2021 10:22

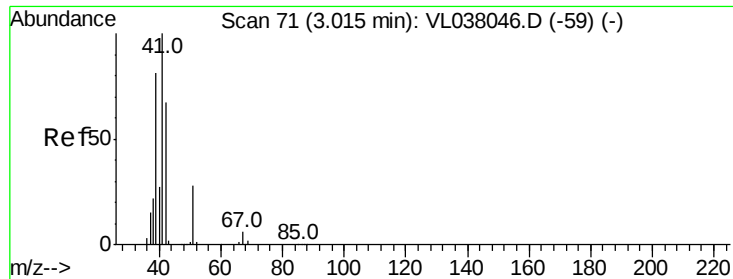
Tgt Ion: 85 Resp: 1606612

Ion Ratio Lower Upper

85 100

135 70.1 57.9 86.9





#9

Propene

Concen: 8.755 ppbv

RT: 3.02

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

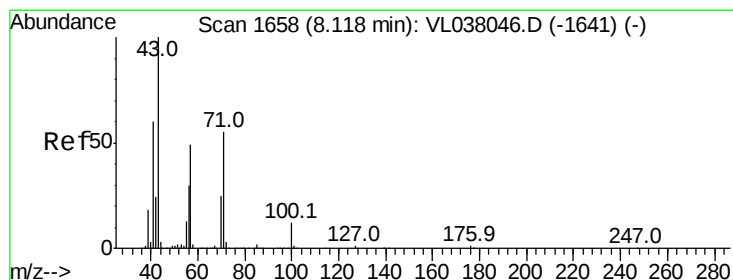
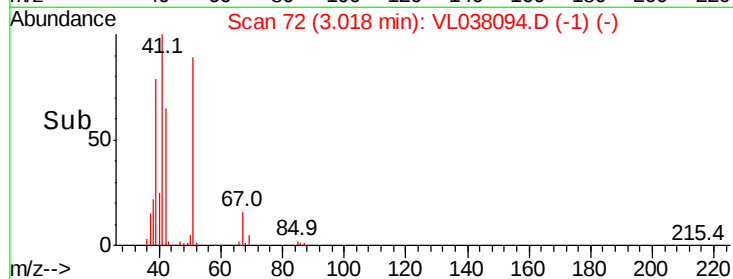
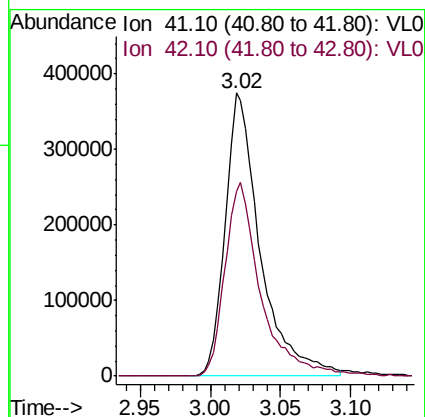
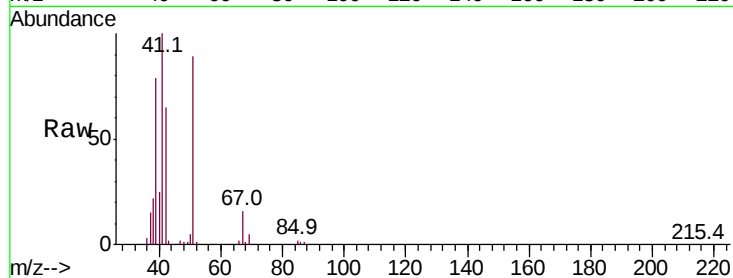
Acq: 23 Nov 2021 10:22

Tot Ion: 41 Resp: 650244

Ion Ratio Lower Upper

41 100

42 70.6 53.8 80.8



#10

Heptane

Concen: 9.072 ppbv

RT: 8.12 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VL038094.D

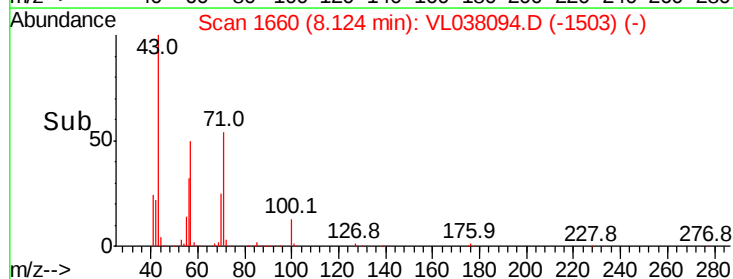
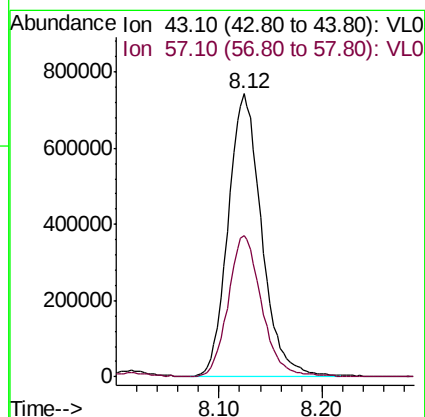
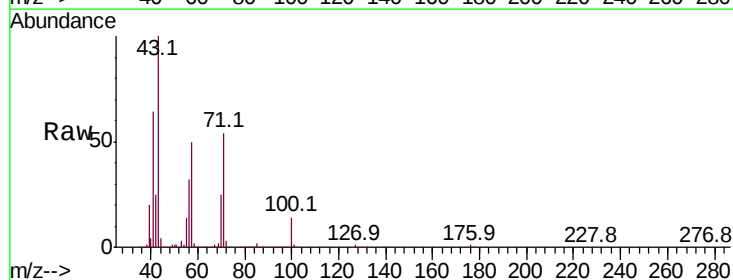
Acq: 23 Nov 2021 10:22

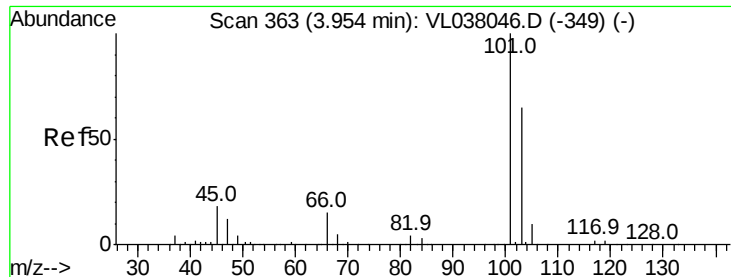
Tgt Ion: 43 Resp: 1665244

Ion Ratio Lower Upper

43 100

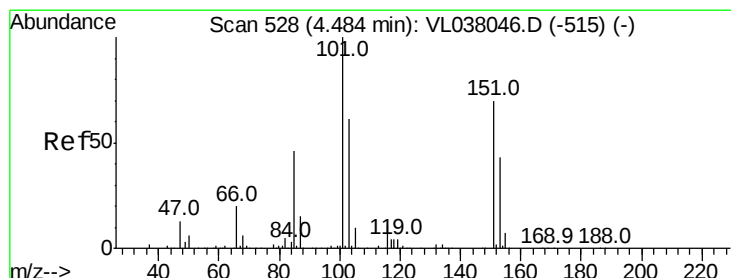
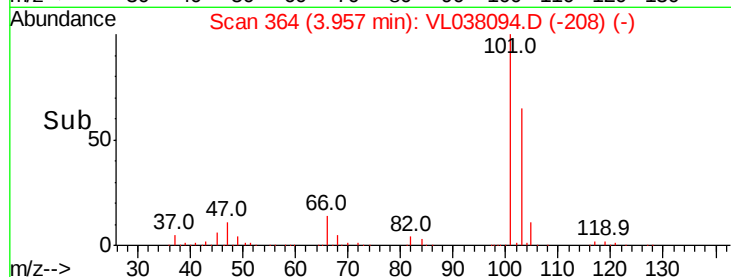
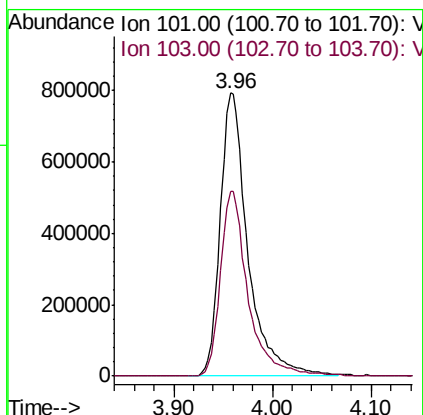
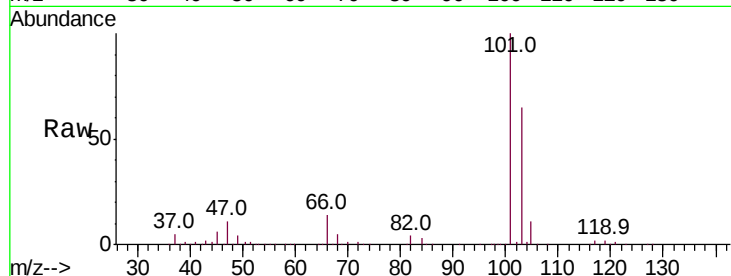
57 50.5 40.4 60.6





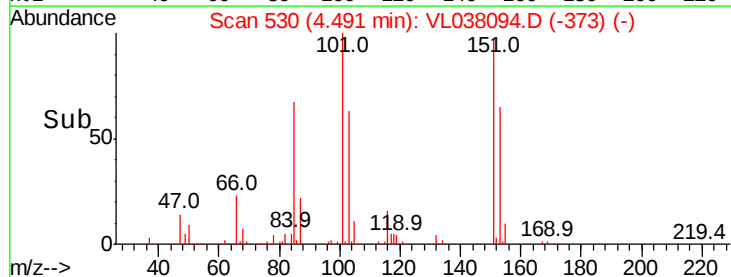
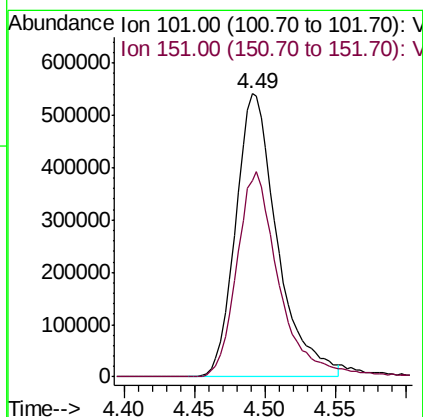
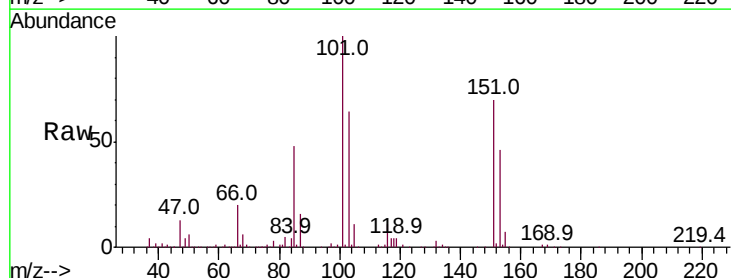
#11
 Trichlorofluoromethane
 Concen: 10.386 ppbv
 RT: 3.96
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDCCC010
 Acq: 23 Nov 2021 10:22

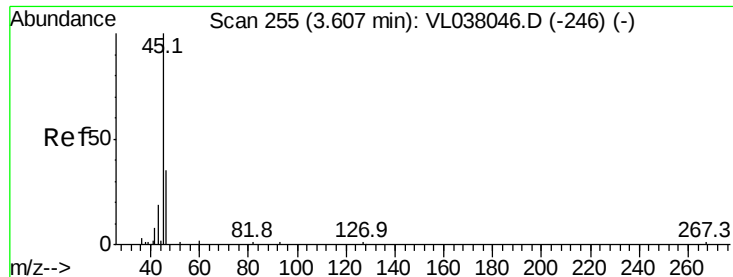
Tot Ion:101 Resp: 1566804
 Ion Ratio Lower Upper
 101 100
 103 65.4 51.8 77.6



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.499 ppbv
 RT: 4.49 min Scan# 530
 Delta R.T.: 0.01 min
 Lab File: VL038094.D
 Acq: 23 Nov 2021 10:22

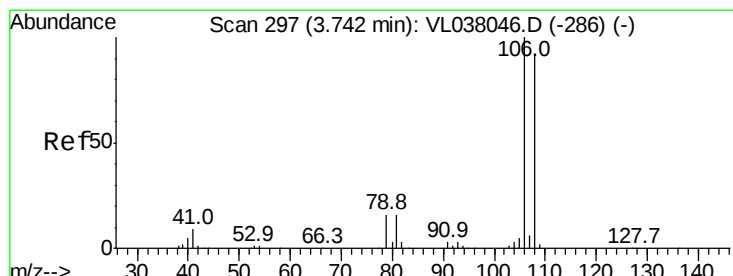
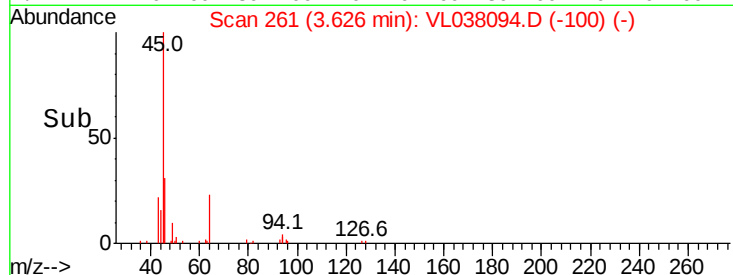
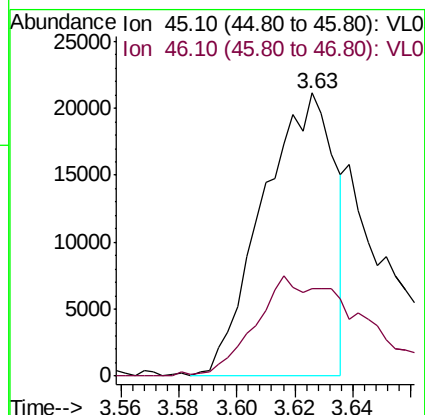
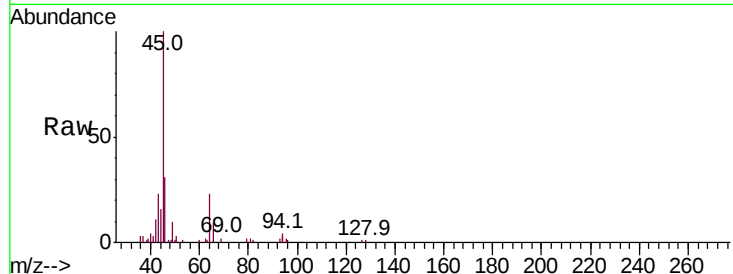
Tgt Ion:101 Resp: 1120437
 Ion Ratio Lower Upper
 101 100
 151 74.0 59.0 88.4





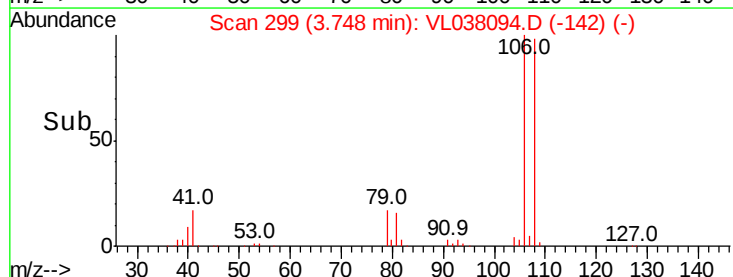
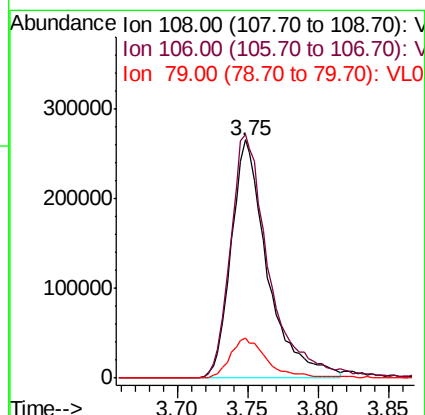
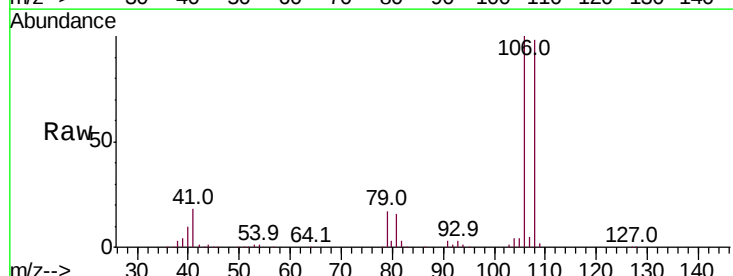
#13
Ethanol
Concen: 5.068 ppbv
RT: 3.63
Delta R.T. MSVOA_L
Lab File: ClientSampleId:
Acq: 23 Nov 2021 10:22

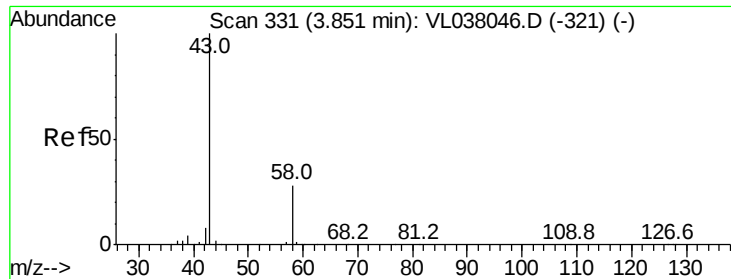
Tot Ion: 45 Resp: 36378
Ion Ratio Lower Upper
45 100
46 64.9 17.6 70.2



#14
Bromoethene
Concen: 10.036 ppbv
RT: 3.75 min Scan# 299
Delta R.T. 0.01 min
Lab File: VL038094.D
Acq: 23 Nov 2021 10:22

Tgt Ion: 108 Resp: 479574
Ion Ratio Lower Upper
108 100
106 110.4 89.4 134.0
79 18.0 14.1 21.1





#15

Acetone

Concen: 9.273 ppbv

RT: 3.86 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

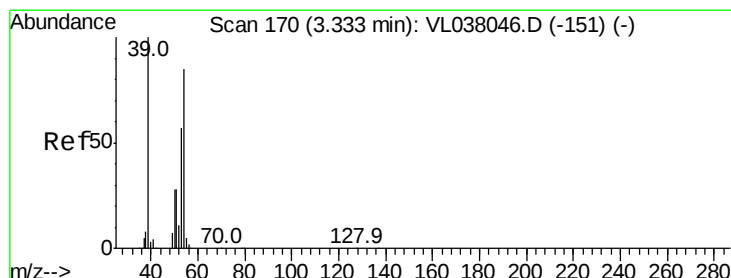
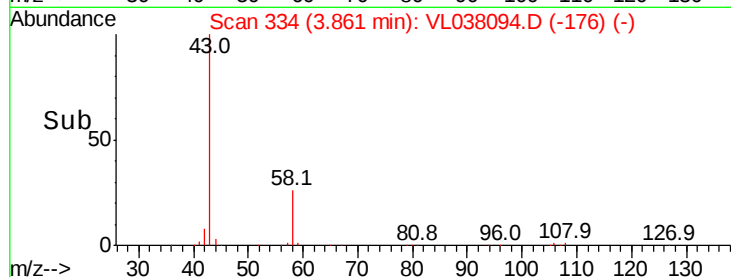
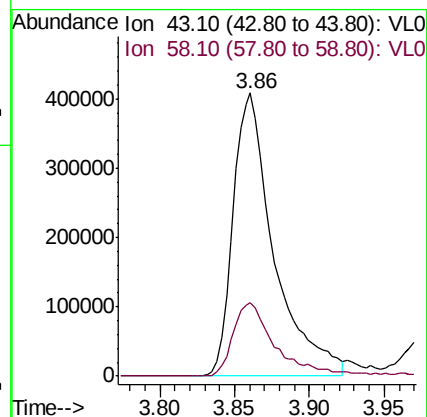
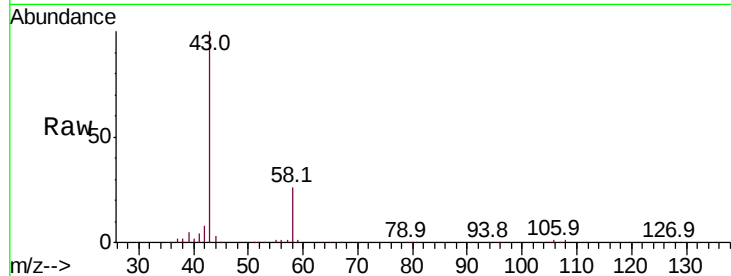
Acq: 23 Nov 2021 10:22 VSTDCCC010

Tot Ion: 43 Resp: 772080

Ion Ratio Lower Upper

43 100

58 27.4 22.4 33.6



#16

1,3-Butadiene

Concen: 9.821 ppbv

RT: 3.34 min Scan# 171

Delta R.T. 0.00 min

Lab File: VL038094.D

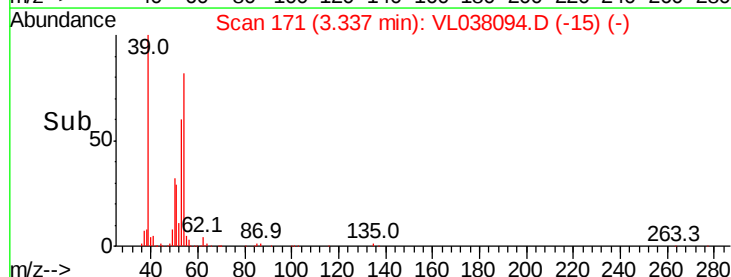
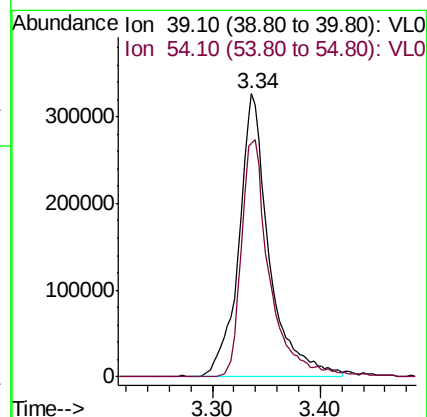
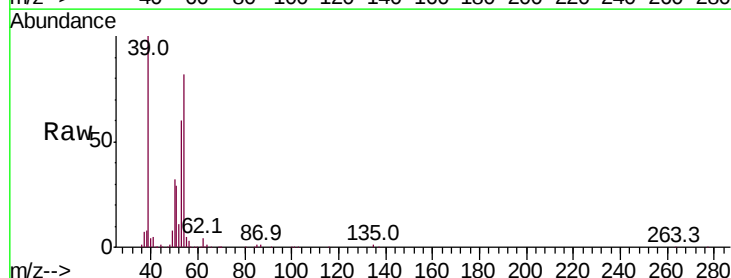
Acq: 23 Nov 2021 10:22

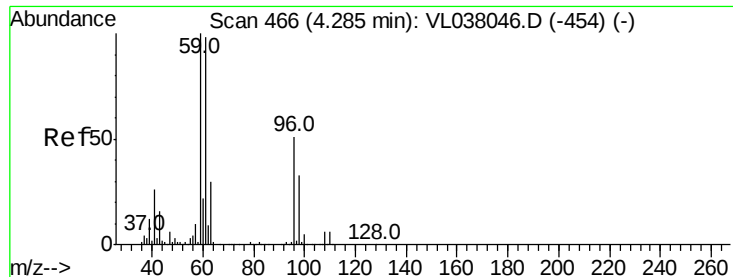
Tgt Ion: 39 Resp: 637919

Ion Ratio Lower Upper

39 100

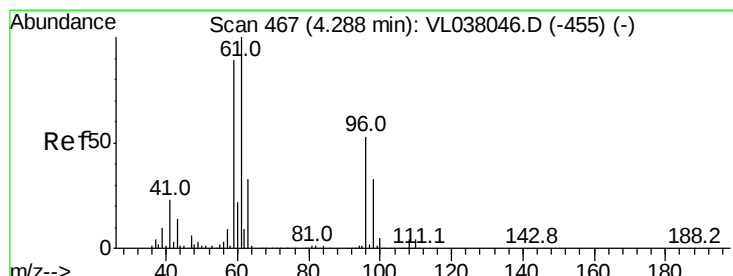
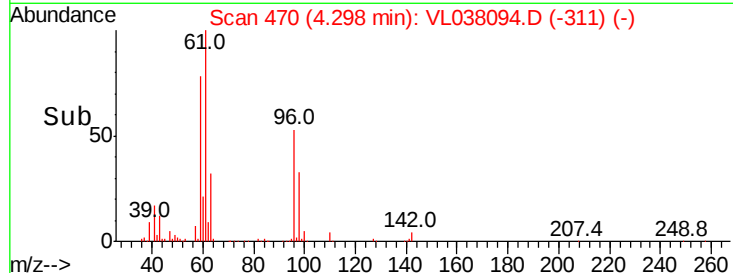
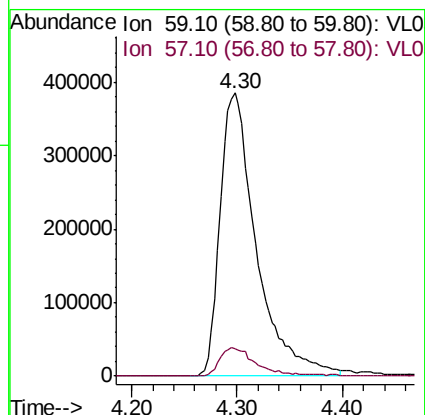
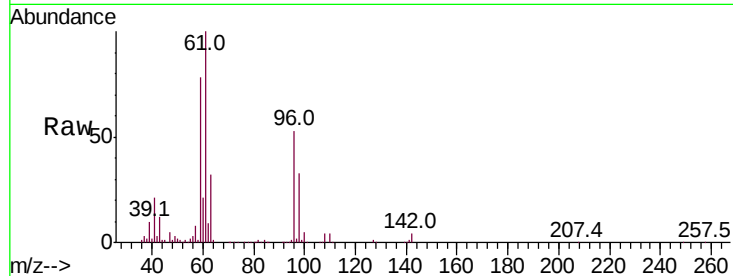
54 78.7 64.4 96.6





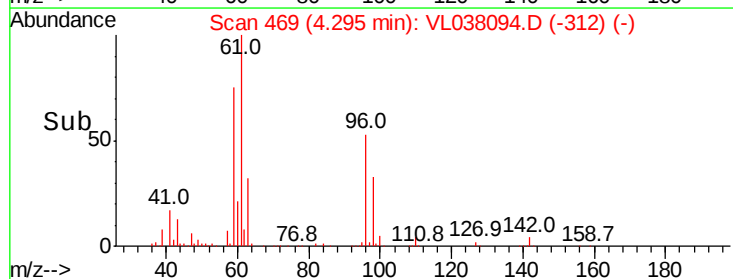
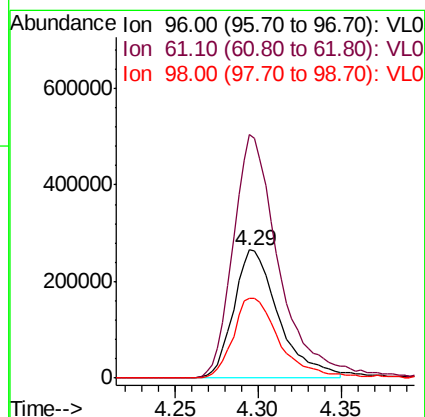
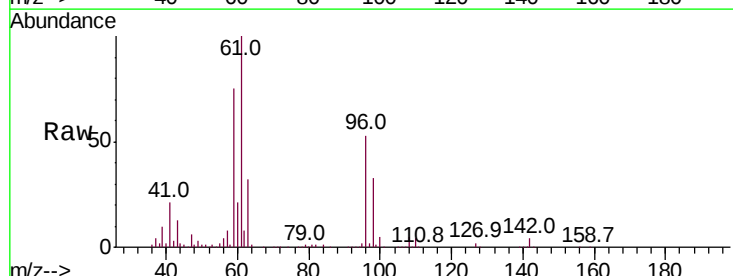
#17
 tert-Butyl alcohol
 Concen: 9.127 ppbv
 RT: 4.30
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDCCC010
 Acq: 23 Nov 2021 10:22

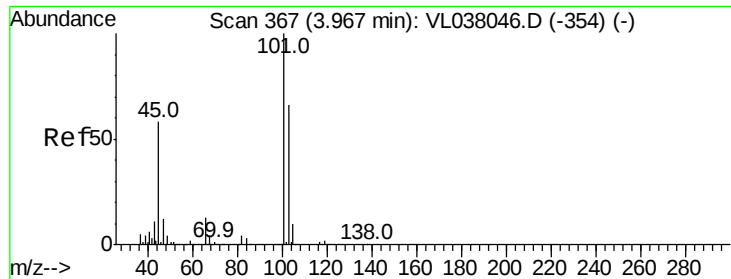
Tot Ion: 59 Resp: 921835
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.6 13.0



#18
 1,1-Dichloroethene
 Concen: 10.249 ppbv
 RT: 4.29 min Scan# 469
 Delta R.T.: 0.01 min
 Lab File: VL038094.D
 Acq: 23 Nov 2021 10:22

Tgt Ion: 96 Resp: 501731
 Ion Ratio Lower Upper
 96 100
 61 190.1 149.8 224.8
 98 62.0 50.2 75.2





#19

Isopropyl Alcohol

Concen: 7.608 ppbv

RT: 3.98 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

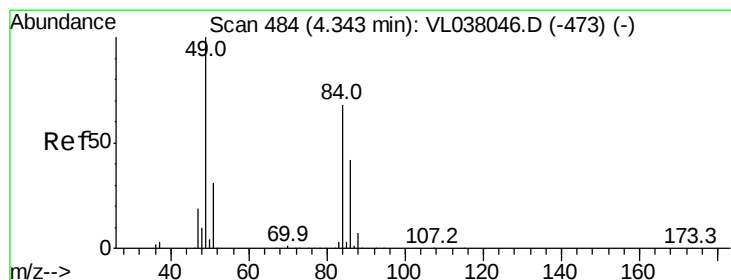
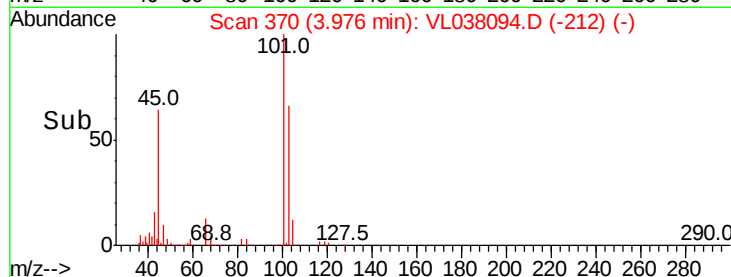
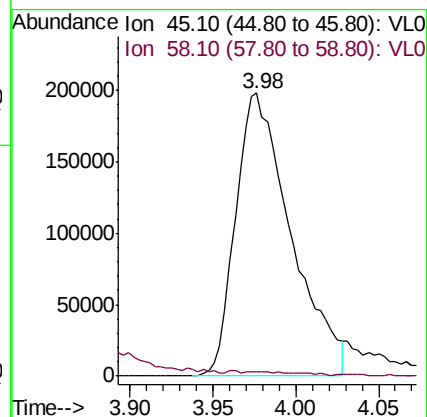
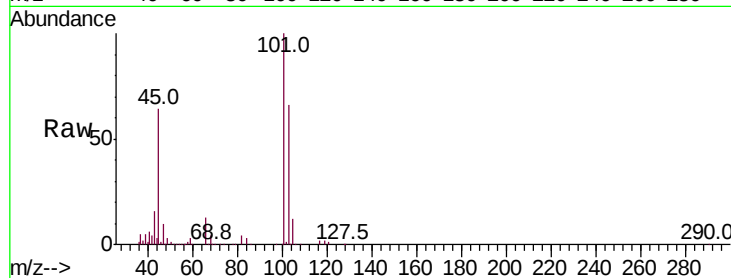
Acq: 23 Nov 2021 10:22

Tot Ion: 45 Resp: 457680

Ion Ratio Lower Upper

45 100

58 1.6 1.4 2.0



#20

Methylene Chloride

Concen: 9.441 ppbv

RT: 4.35 min Scan# 487

Delta R.T. 0.01 min

Lab File: VL038094.D

Acq: 23 Nov 2021 10:22

Tgt Ion: 84 Resp: 440280

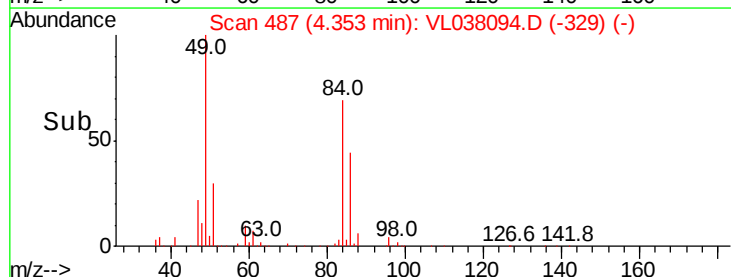
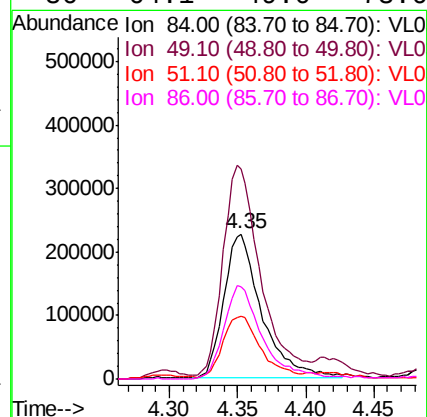
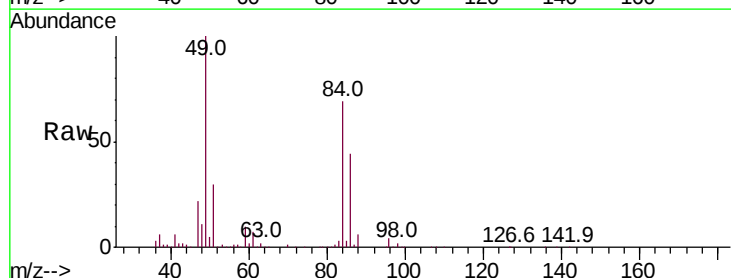
Ion Ratio Lower Upper

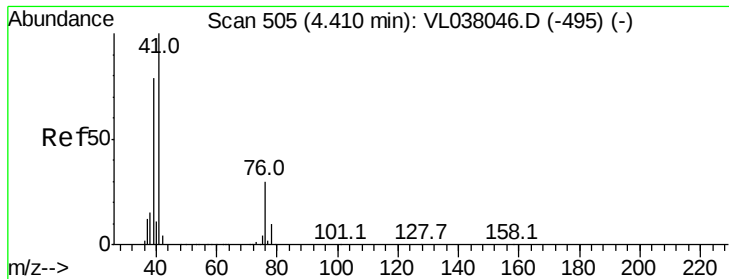
84 100

49 143.0 118.2 177.2

51 42.3 36.8 55.2

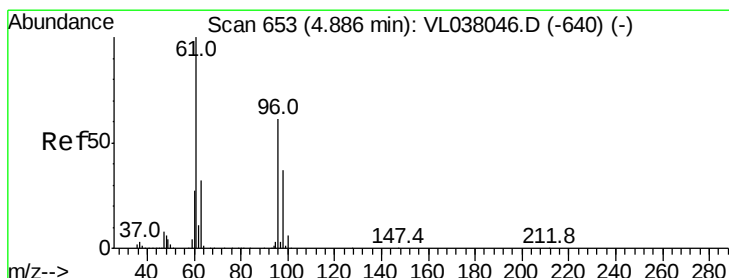
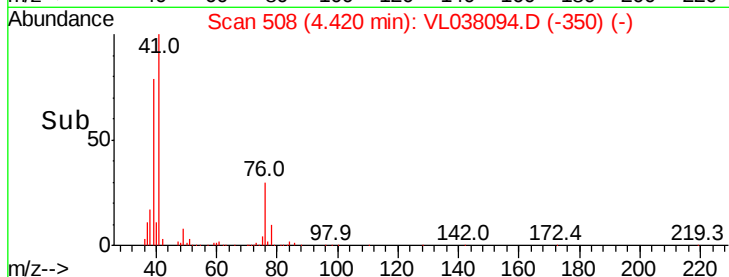
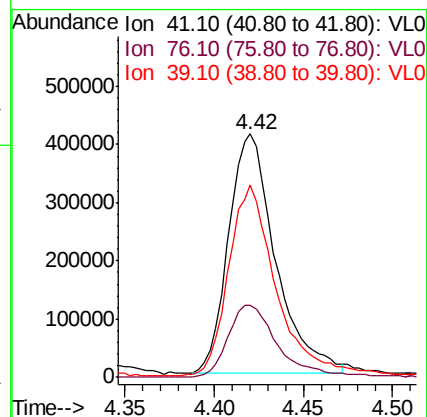
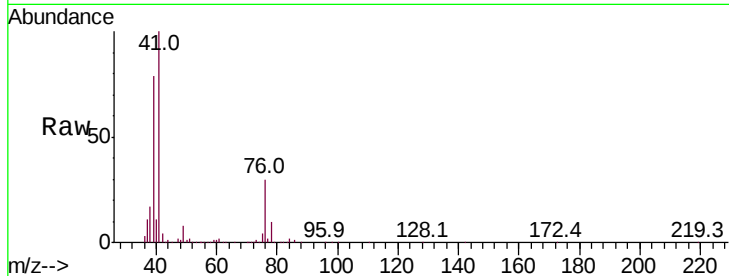
86 64.1 49.0 73.6





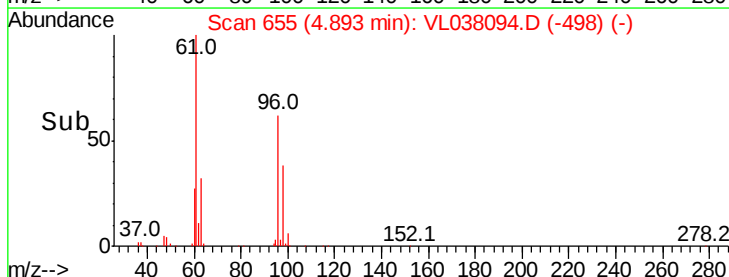
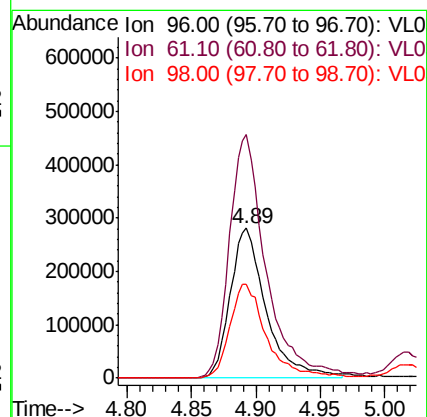
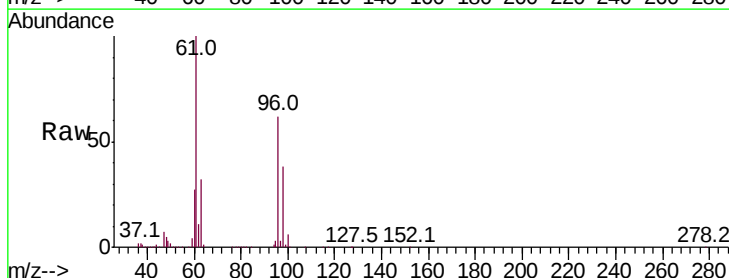
#21
 Allvl Chloride
 Concen: 9.799 ppbv
 RT: 4.42
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 23 Nov 2021 10:22

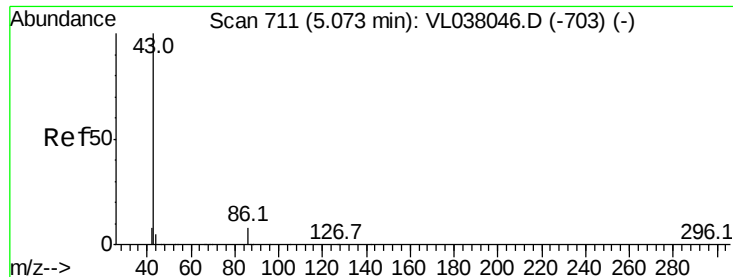
Tot Ion: 41 Resp: 755183
 Ion Ratio Lower Upper
 41 100
 76 32.5 24.6 36.8
 39 82.2 63.4 95.0



#22
 trans-1,2-Dichloroethene
 Concen: 10.993 ppbv
 RT: 4.89 min Scan# 655
 Delta R.T. 0.01 min
 Lab File: VL038094.D
 Acq: 23 Nov 2021 10:22

Tgt Ion: 96 Resp: 545108
 Ion Ratio Lower Upper
 96 100
 61 162.2 131.6 197.4
 98 62.4 48.4 72.6





#23

Vinyl Acetate

Concen: 10.483 ppbv

RT: 5.08

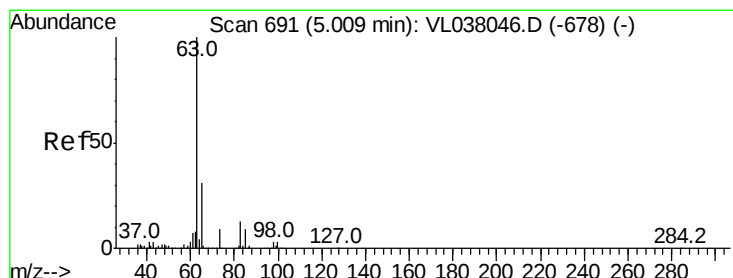
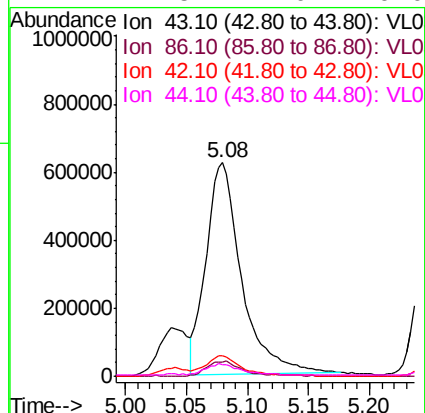
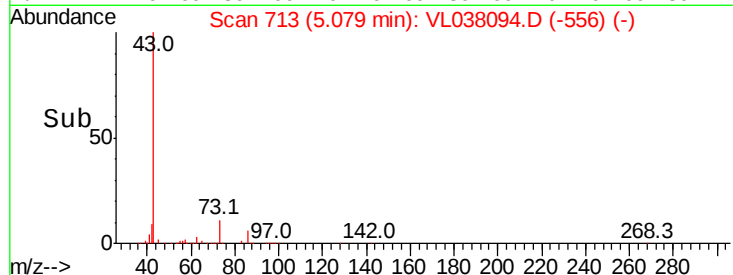
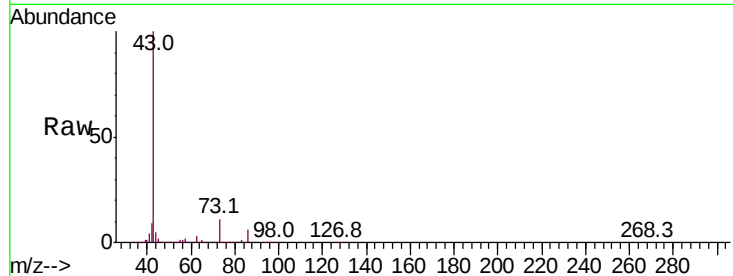
Delta R.T. MSVOA_1

Lab File: ClientSampleId :

Acq: 23 Nov 2021 10:22

Tot Ion: 43 Resp: 1263450

Ion	Ratio	Lower	Upper
43	100		
86	6.5	5.3	7.9
42	9.3	7.0	10.6
44	4.5	4.0	6.0



#24

1,1-Dichloroethane

Concen: 10.726 ppbv

RT: 5.02 min Scan# 694

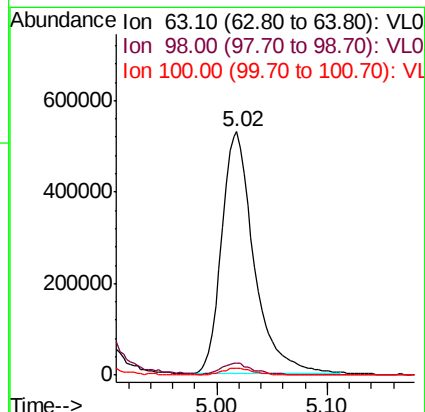
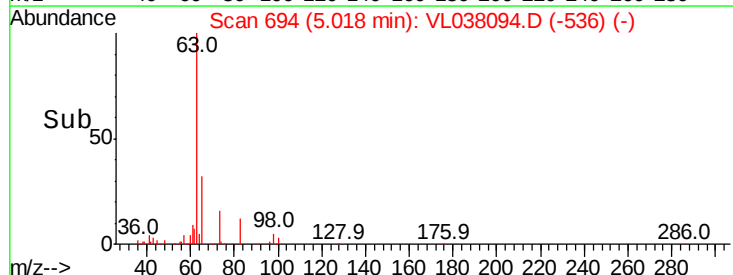
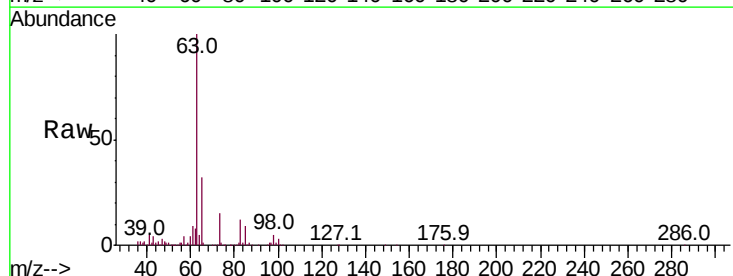
Delta R.T. 0.01 min

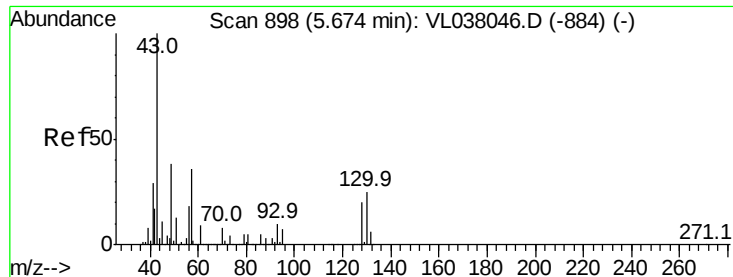
Lab File: VL038094.D

Acq: 23 Nov 2021 10:22

Tgt Ion: 63 Resp: 1076559

Ion	Ratio	Lower	Upper
63	100		
98	4.5	1.8	5.4
100	2.9	1.4	4.0

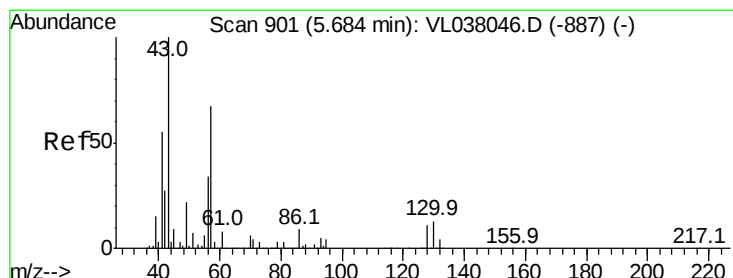
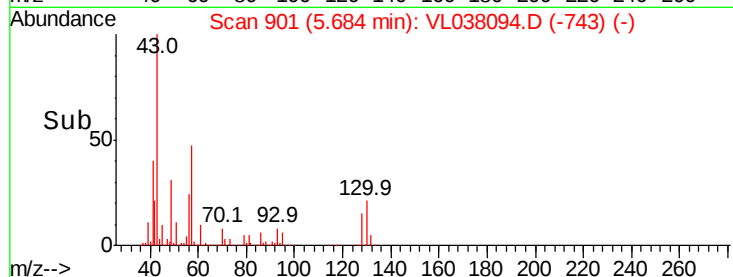
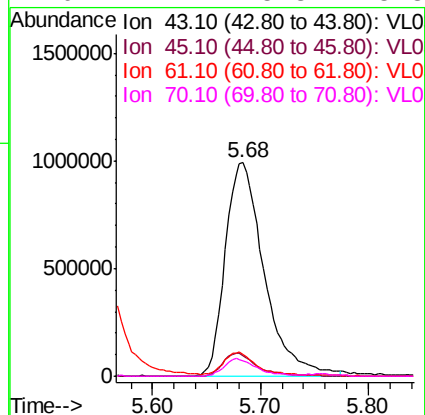
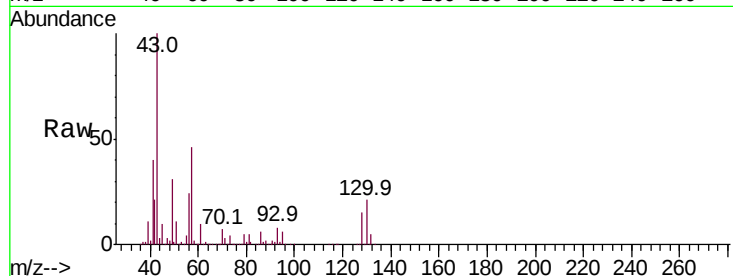




#25
Ethyl Acetate
Concen: 8.983 ppbv
RT: 5.68
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
VSTDCCC010
Acq: 23 Nov 2021 10:22

Tot Ion: 43 Resp: 2485718

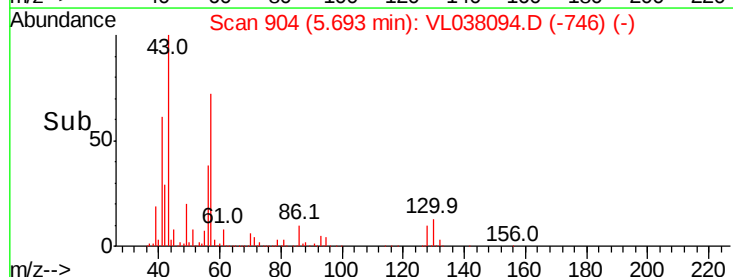
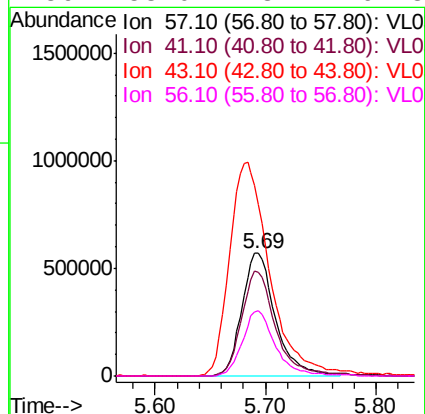
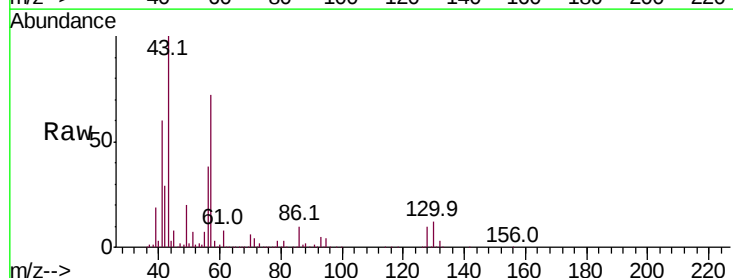
Ion	Ratio	Lower	Upper
43	100		
45	9.6	7.9	11.9
61	9.9	7.8	11.6
70	7.1	5.8	8.8

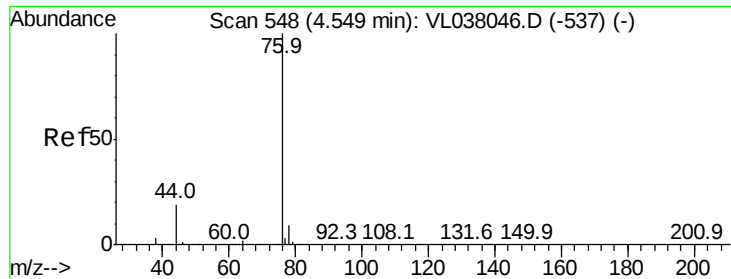


#26
Hexane
Concen: 9.003 ppbv
RT: 5.69 min Scan# 904
Delta R.T.: 0.01 min
Lab File: VL038094.D
Acq: 23 Nov 2021 10:22

Tgt Ion: 57 Resp: 1200729

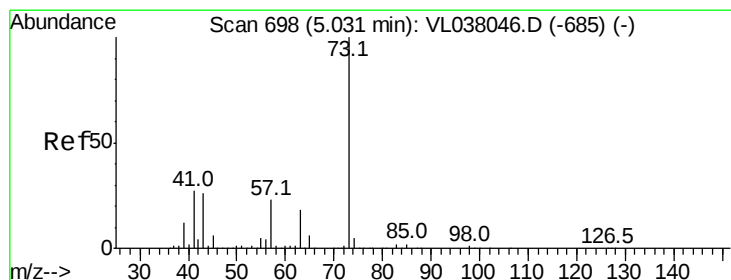
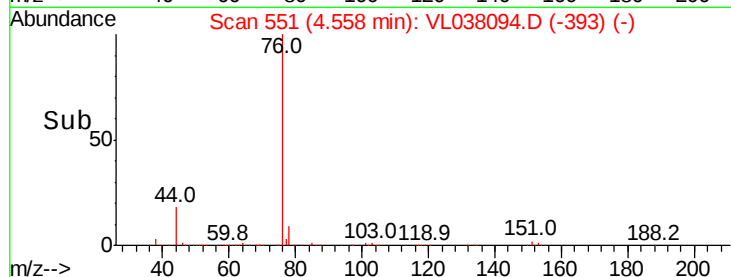
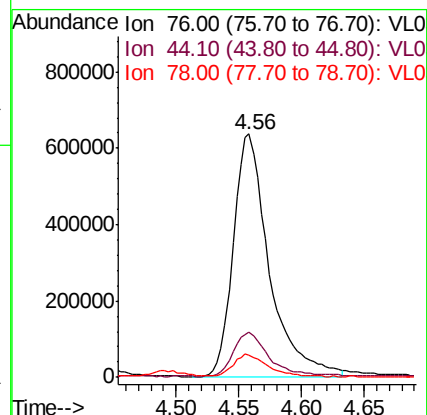
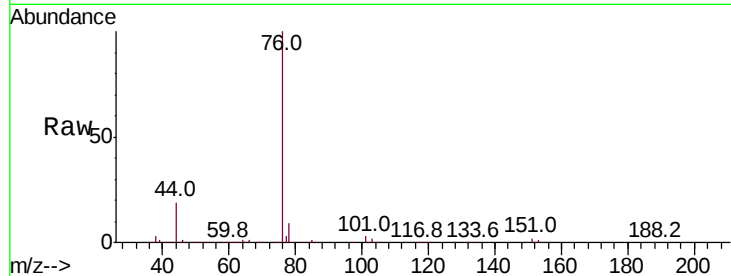
Ion	Ratio	Lower	Upper
57	100		
41	87.2	71.4	107.2
43	210.1	174.6	261.8
56	53.0	43.2	64.8





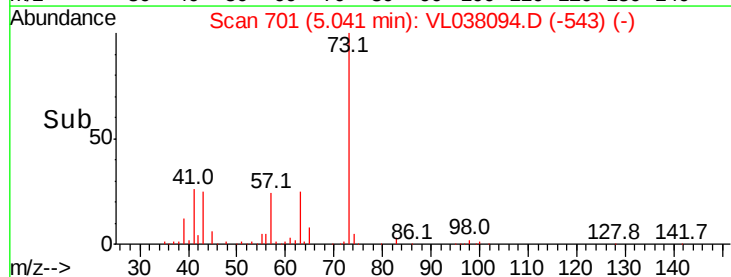
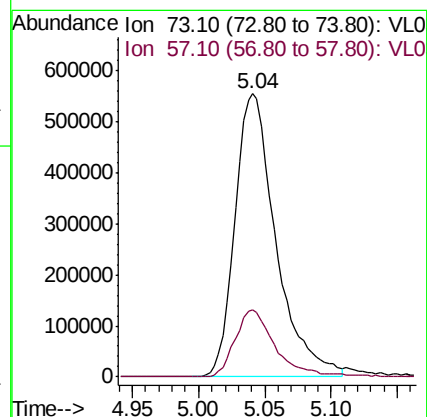
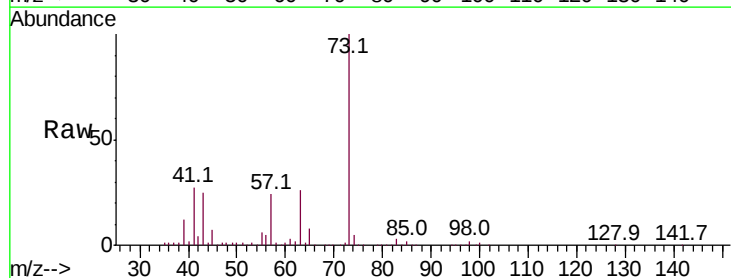
#27
Carbon Disulfide
Concen: 10.602 ppbv
RT: 4.56
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
VSTDCCC010
Acq: 23 Nov 2021 10:22

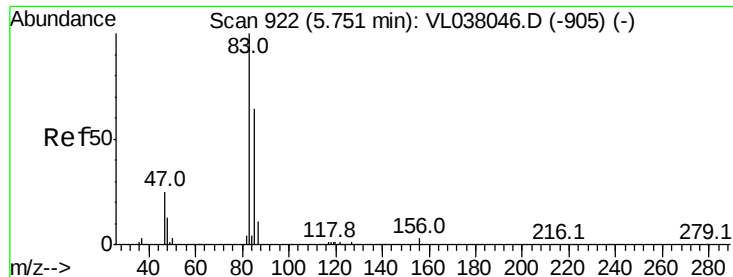
Tot Ion: 76 Resp: 1266734
Ion Ratio Lower Upper
76 100
44 19.0 14.9 22.3
78 9.5 7.6 11.4



#28
Methyl tert-Butyl Ether
Concen: 10.524 ppbv
RT: 5.04 min Scan# 701
Delta R.T.: 0.01 min
Lab File: VL038094.D
Acq: 23 Nov 2021 10:22

Tgt Ion: 73 Resp: 1192349
Ion Ratio Lower Upper
73 100
57 23.7 19.0 28.4





#29

Chloroform

Concen: 9.476 ppbv

RT: 5.76 Instrument: MSVOA_1

Delta R.T. 0.01 min

Lab File: ClientSampleId: VSTDCCC010

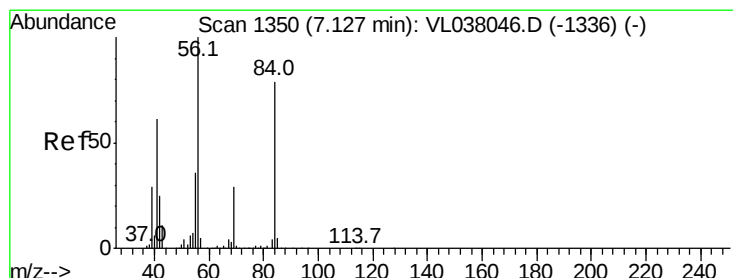
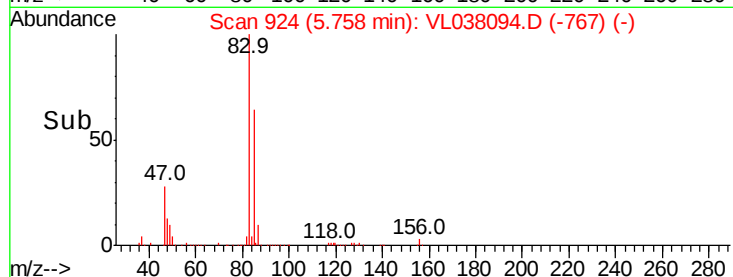
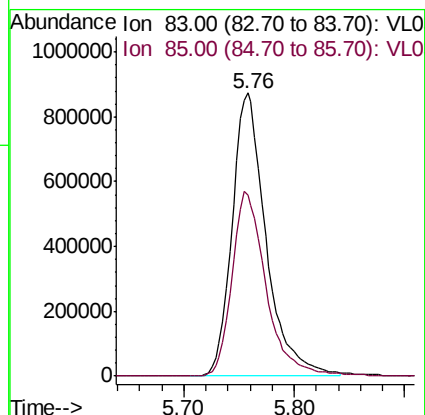
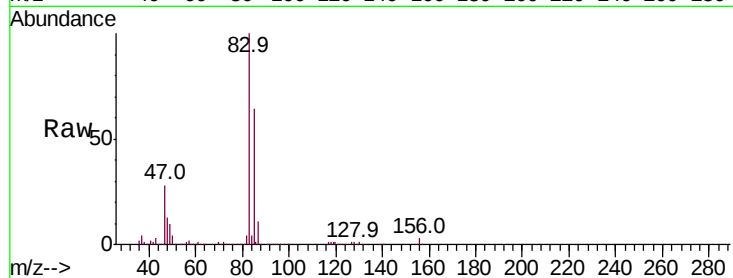
Acq: 23 Nov 2021 10:22

Tot Ion: 83 Resp: 1862644

Ion Ratio Lower Upper

83 100

85 63.8 51.0 76.6



#30

Cyclohexane

Concen: 9.055 ppbv

RT: 7.13 min Scan# 1352

Delta R.T. 0.01 min

Lab File: VL038094.D

Acq: 23 Nov 2021 10:22

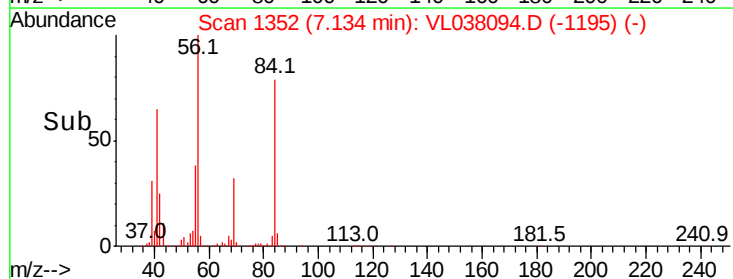
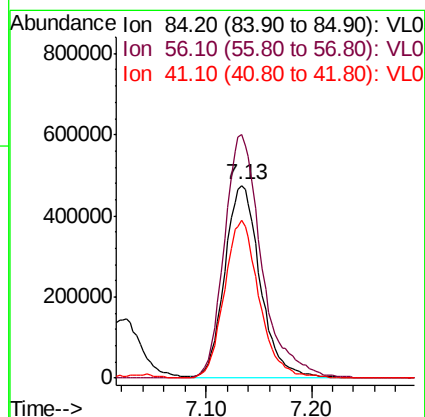
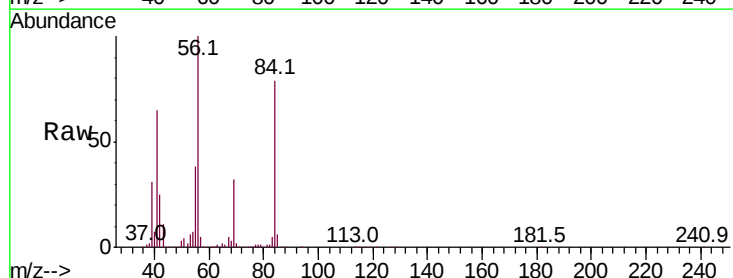
Tgt Ion: 84 Resp: 1096453

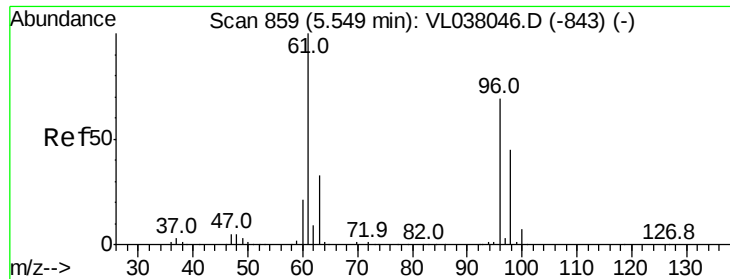
Ion Ratio Lower Upper

84 100

56 134.9 108.1 162.1

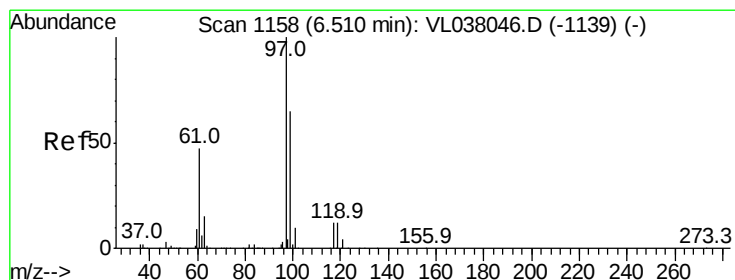
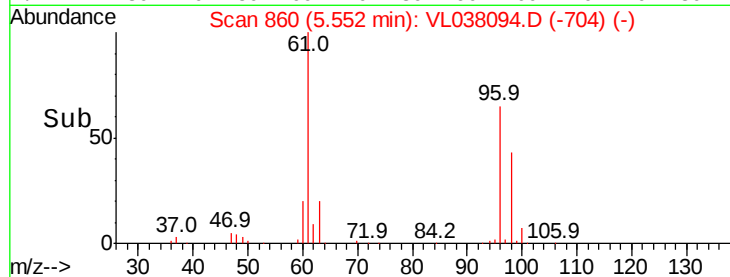
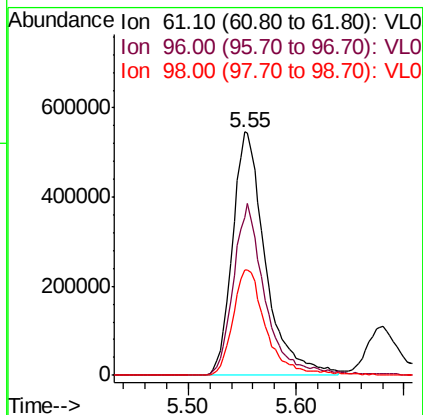
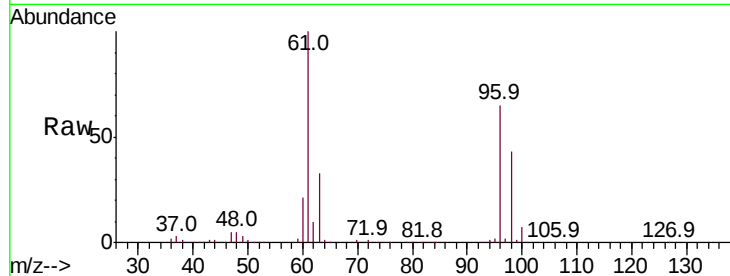
41 81.8 64.4 96.6





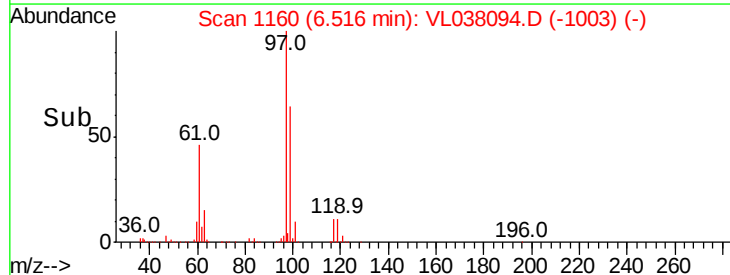
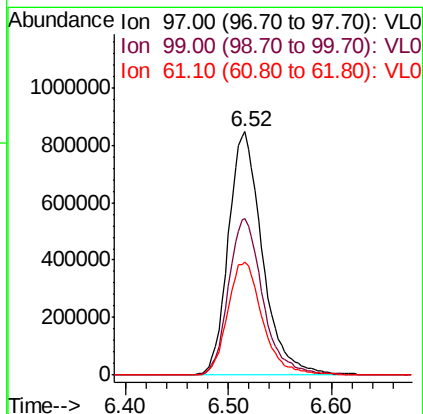
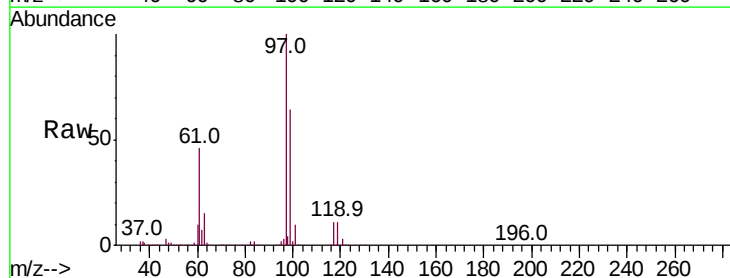
#31
 cis-1,2-Dichloroethene
 Concen: 9.137 ppbv
 RT: 5.55
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 23 Nov 2021 10:22

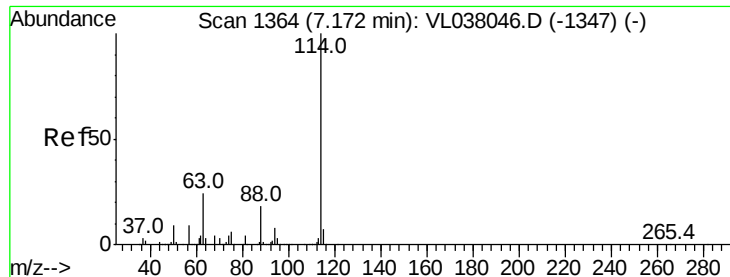
Tot Ion: 61 Resp: 1159221
 Ion Ratio Lower Upper
 61 100
 96 64.8 55.4 83.2
 98 43.4 35.7 53.5



#32
 1,1,1-Trichloroethane
 Concen: 9.751 ppbv
 RT: 6.52 min Scan# 1160
 Delta R.T. 0.01 min
 Lab File: VL038094.D
 Acq: 23 Nov 2021 10:22

Tgt Ion: 97 Resp: 1945338
 Ion Ratio Lower Upper
 97 100
 99 65.0 52.2 78.4
 61 47.7 37.7 56.5





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.18 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDCCC010

Acq: 23 Nov 2021 10:22

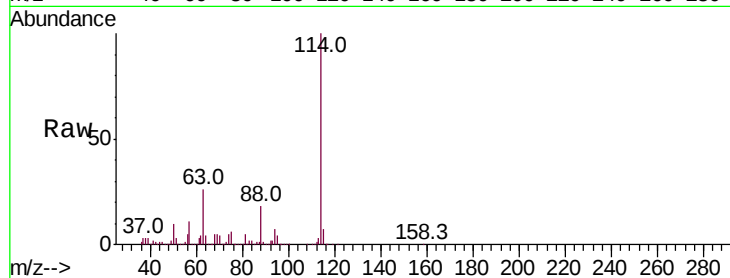
Tot Ion:114 Resp: 2864819

Ion Ratio Lower Upper

114 100

63 26.0 19.7 29.5

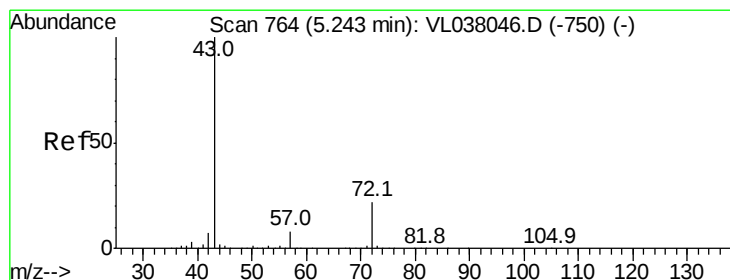
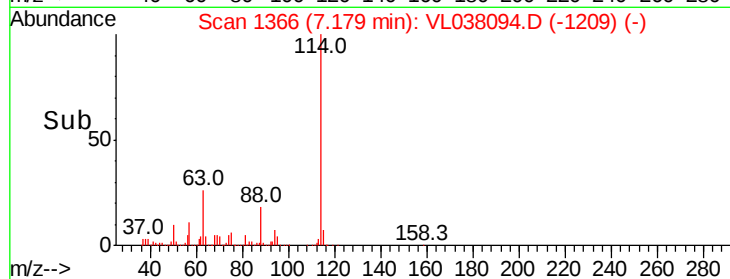
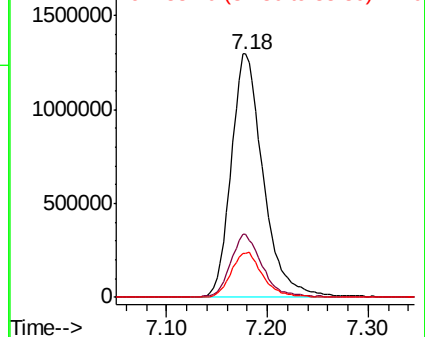
88 18.4 14.4 21.6



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: 7.395 ppbv

RT: 5.25 min Scan# 766

Delta R.T. 0.01 min

Lab File: VL038094.D

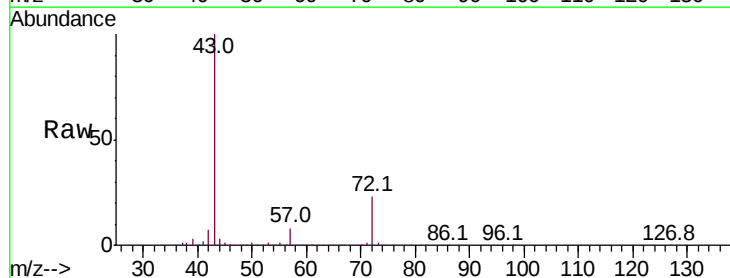
Acq: 23 Nov 2021 10:22

Tgt Ion: 43 Resp: 854196

Ion Ratio Lower Upper

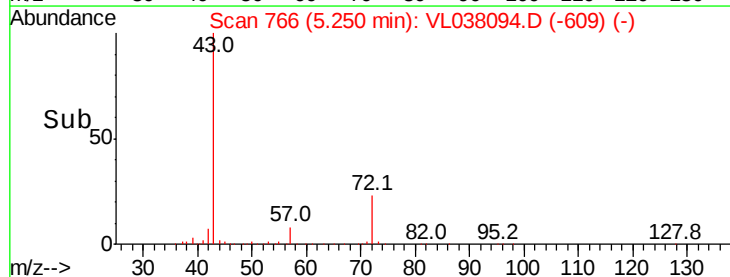
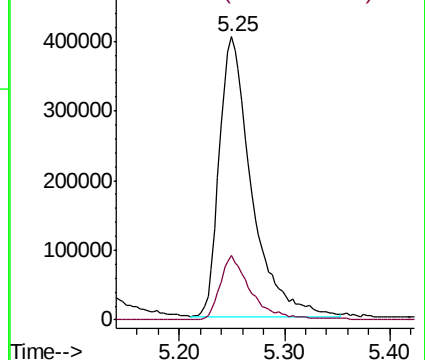
43 100

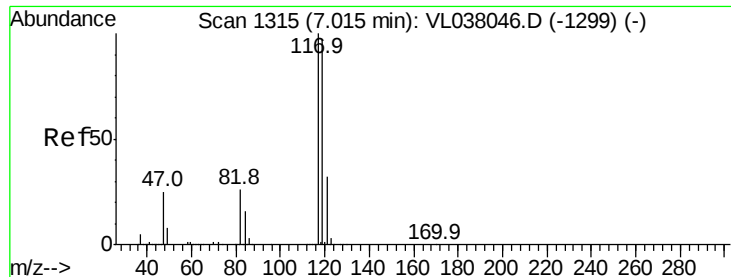
72 22.5 18.8 28.2



Abundance Ion 43.10 (42.80 to 43.80): VL0

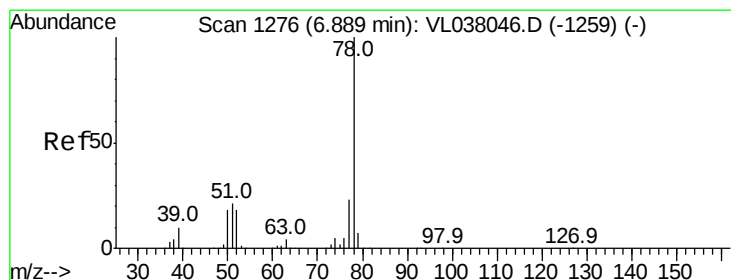
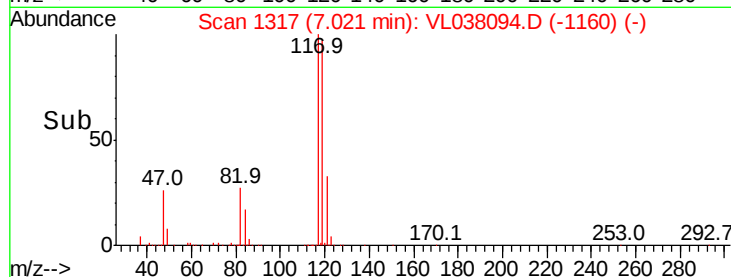
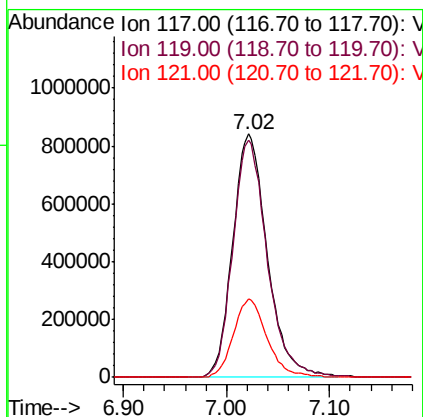
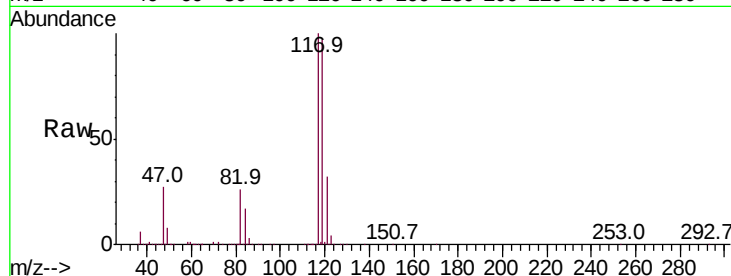
Ion 72.10 (71.80 to 72.80): VL0





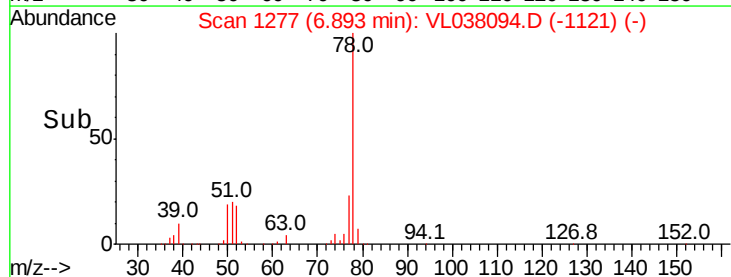
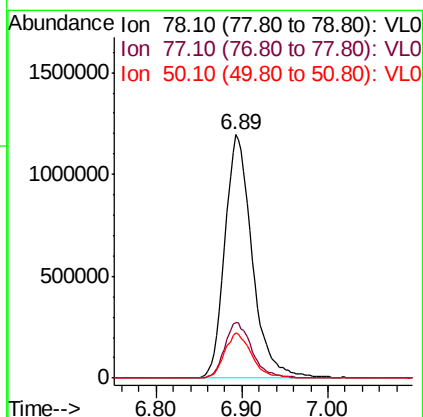
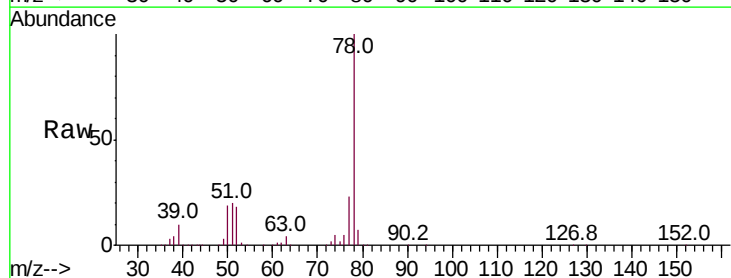
#35
Carbon Tetrachloride
Concen: 9.755 ppbv
RT: 7.02
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
VSTDCCC010
Acq: 23 Nov 2021 10:22

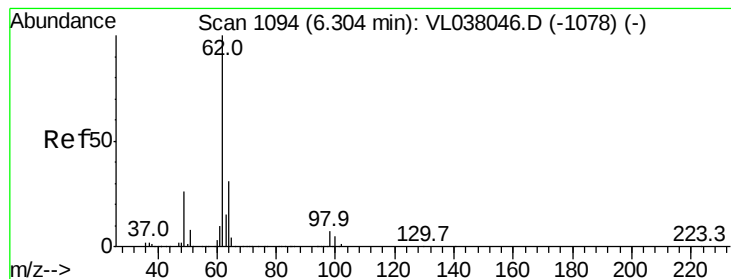
Tot Ion:117 Resp: 1963562
Ion Ratio Lower Upper
117 100
119 97.4 77.7 116.5
121 32.4 25.6 38.4



#36
Benzene
Concen: 9.249 ppbv
RT: 6.89 min Scan# 1277
Delta R.T.: 0.00 min
Lab File: VL038094.D
Acq: 23 Nov 2021 10:22

Tgt Ion: 78 Resp: 2643240
Ion Ratio Lower Upper
78 100
77 22.9 18.2 27.4
50 18.5 14.7 22.1





#37

1,2-Dichloroethane

Concen: 10.418 ppbv

RT: 6.31 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDCCC010

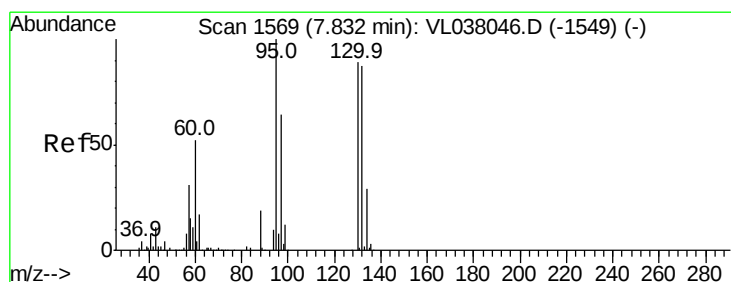
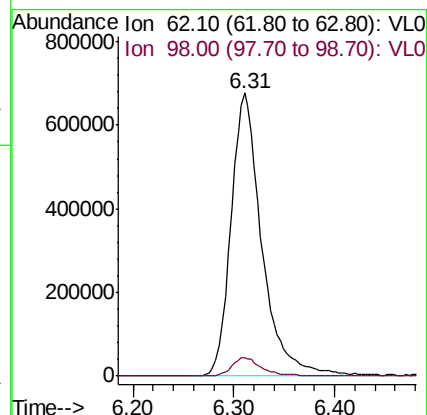
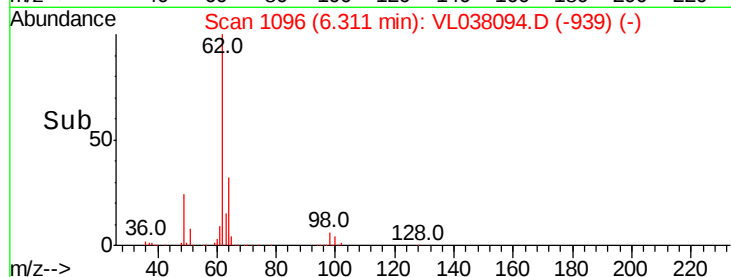
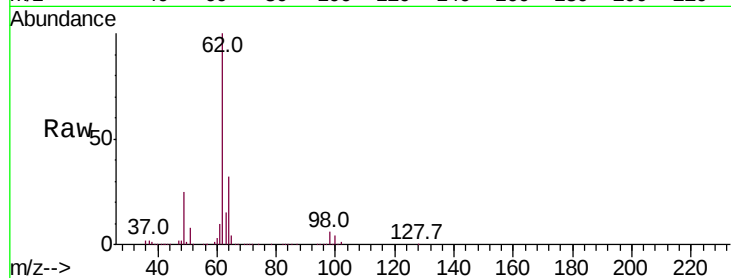
Acq: 23 Nov 2021 10:22

Tot Ion: 62 Resp: 1437808

Ion Ratio Lower Upper

62 100

98 6.7 5.8 8.6



#38

Trichloroethene

Concen: 8.784 ppbv

RT: 7.83 min Scan# 1570

Delta R.T. 0.00 min

Lab File: VL038094.D

Acq: 23 Nov 2021 10:22

Tgt Ion:130 Resp: 946912

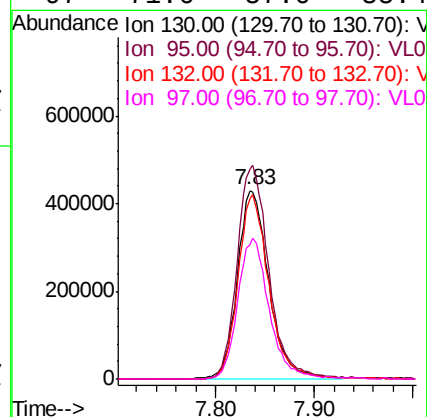
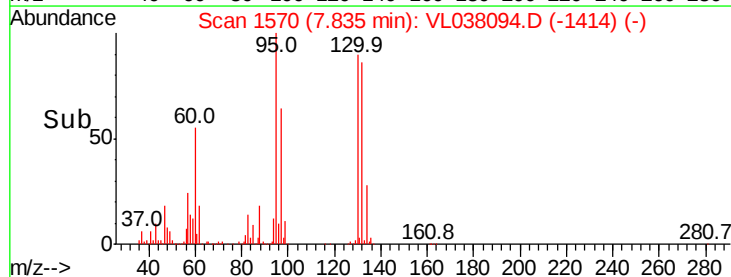
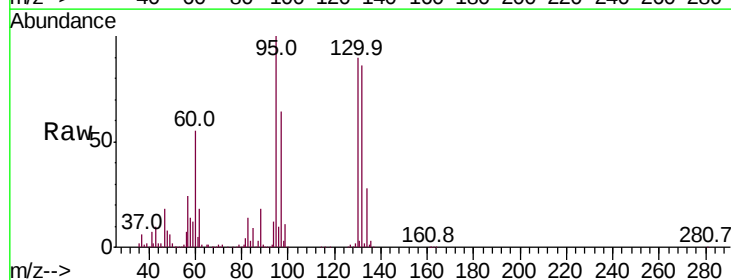
Ion Ratio Lower Upper

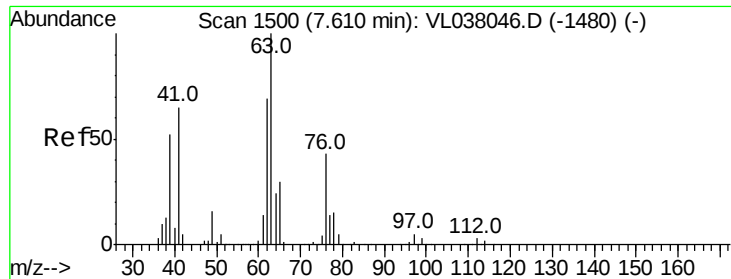
130 100

95 111.8 89.4 134.2

132 95.9 78.2 117.2

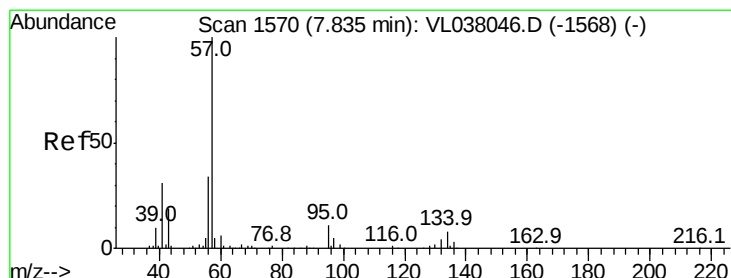
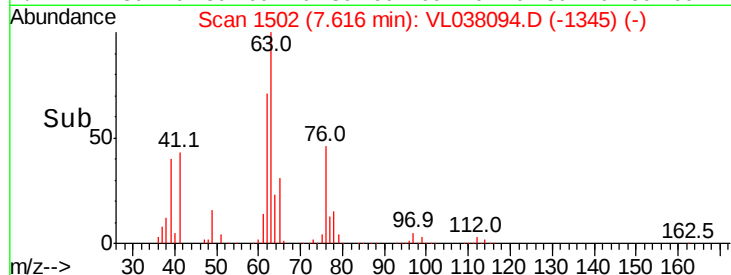
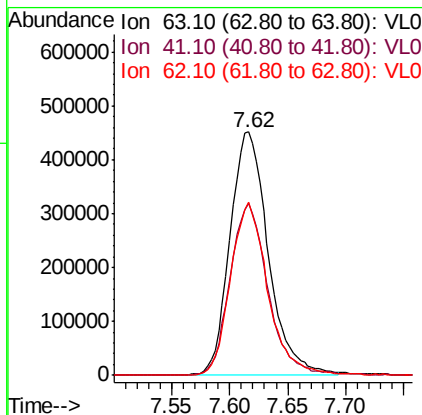
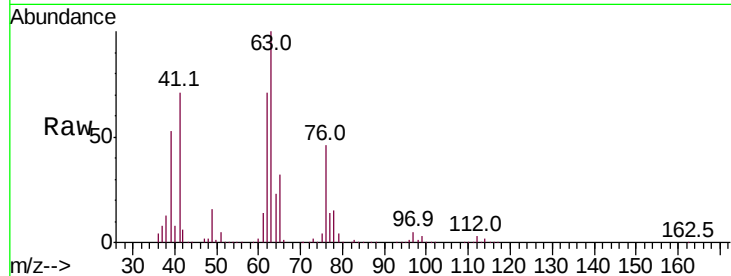
97 71.6 57.0 85.4





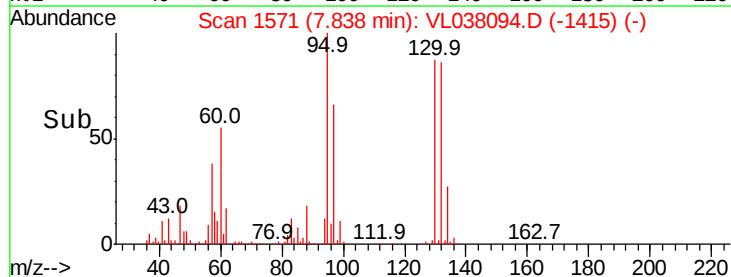
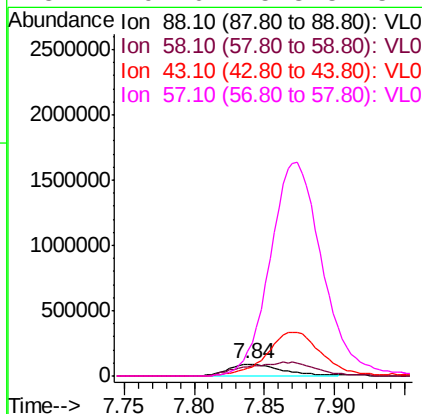
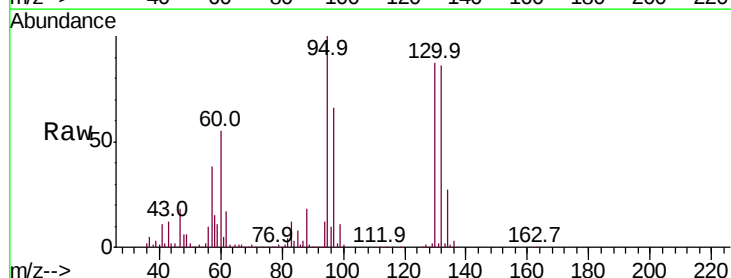
#39
 1,2-Dichloropropane
 Concen: 9.419 ppbv
 RT: 7.62
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 23 Nov 2021 10:22

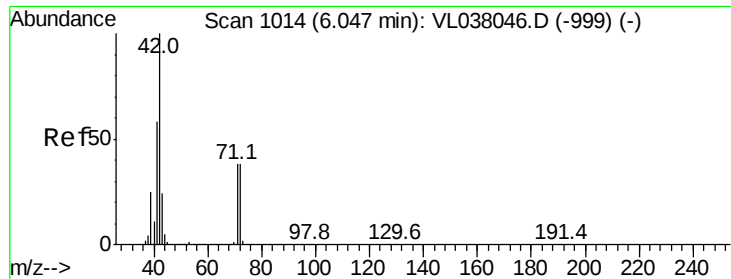
Tot Ion: 63 Resp: 1032541
 Ion Ratio Lower Upper
 63 100
 41 70.4 52.3 78.5
 62 71.0 55.1 82.7



#40
 1,4-Dioxane
 Concen: 8.329 ppbv
 RT: 7.84 min Scan# 1571
 Delta R.T. 0.00 min
 Lab File: VL038094.D
 Acq: 23 Nov 2021 10:22

Tgt Ion: 88 Resp: 237862
 Ion Ratio Lower Upper
 88 100
 58 160.7 229.2 343.8#
 43 392.9 553.3 829.9#
 57 1792.0 2513.8 3770.8#





#41

Tetrahydrofuran

Concen: 8.868 ppbv

RT: 6.05 Instrument: MSVOA_1

Delta R.T. 0.01 min

Lab File: ClientSampleId: VSTDCCC010

Acq: 23 Nov 2021 10:22

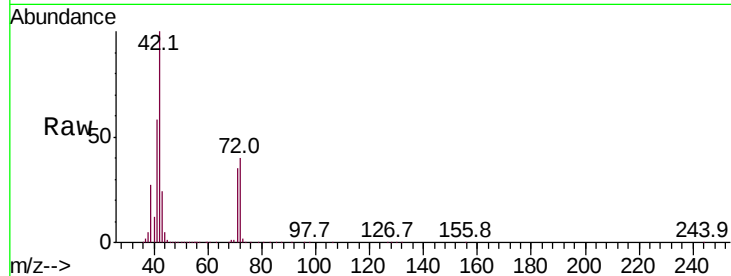
Tot Ion: 42 Resp: 635942

Ion Ratio Lower Upper

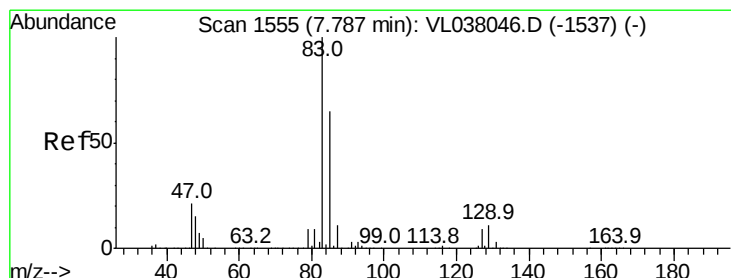
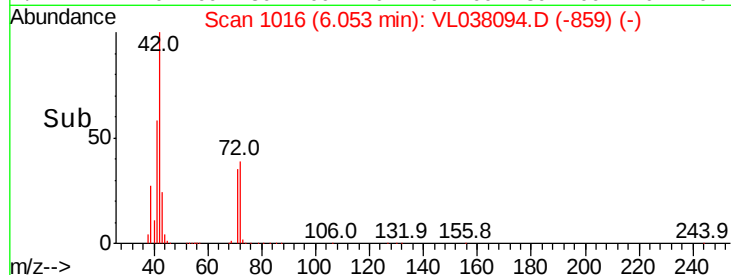
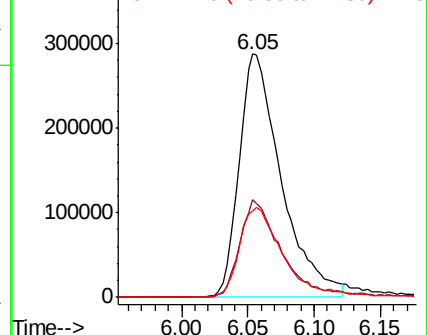
42 100

72 40.8 31.7 47.5

71 39.2 30.6 46.0



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: 10.119 ppbv

RT: 7.79 min Scan# 1557

Delta R.T. 0.01 min

Lab File: VL038094.D

Acq: 23 Nov 2021 10:22

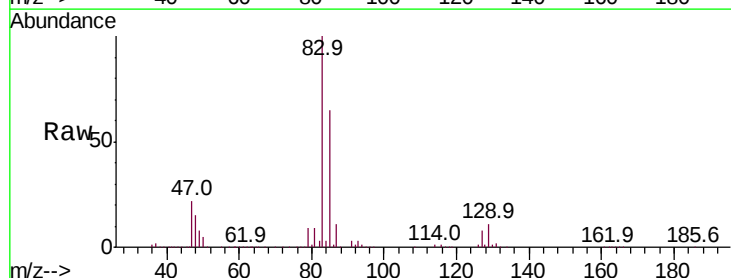
Tgt Ion: 83 Resp: 2123260

Ion Ratio Lower Upper

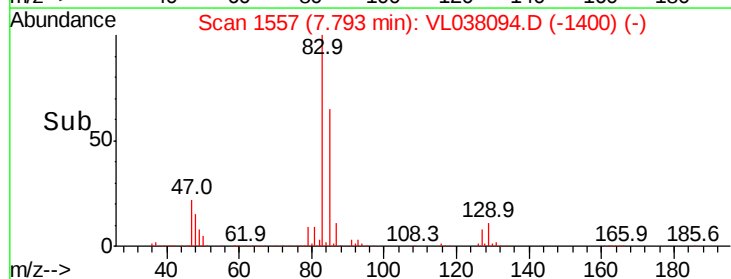
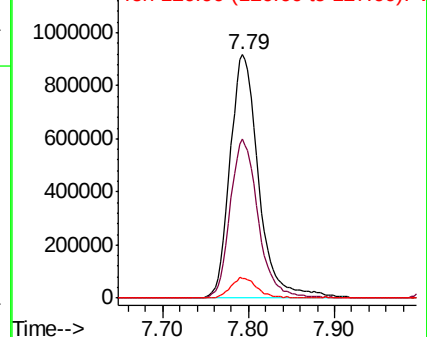
83 100

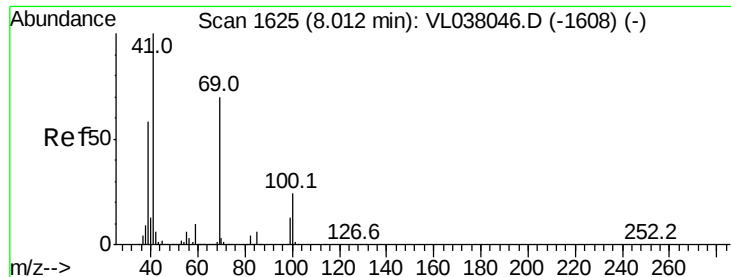
85 65.1 51.9 77.9

127 7.9 6.8 10.2



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: 9.864 ppbv

RT: 8.02

Instrument: MSVOA_1

Delta R.T.

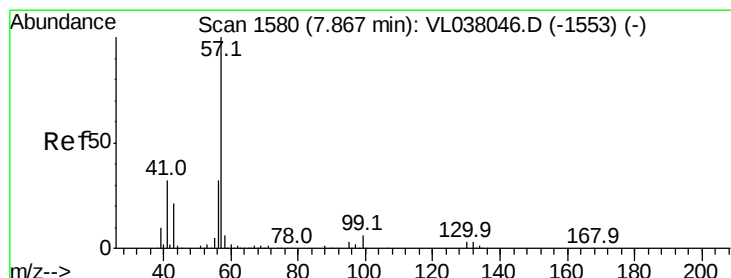
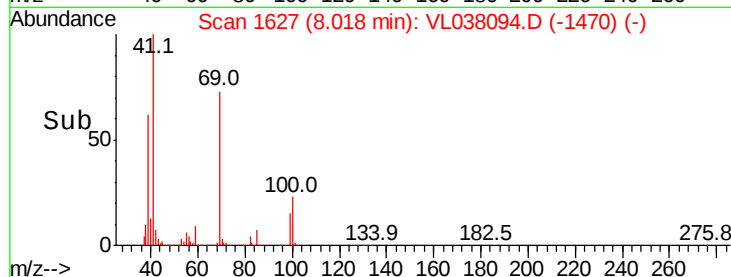
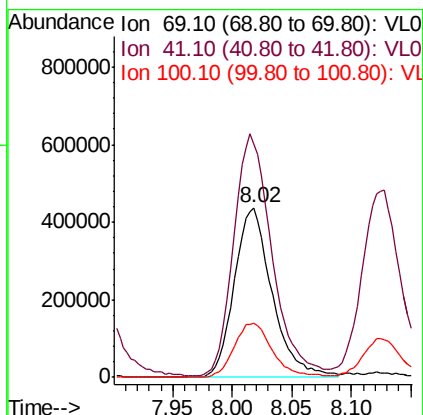
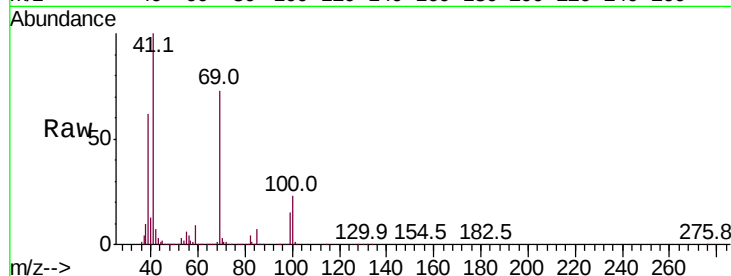
Client Sample Id:

Lab File: VSTDCCC010

Acq: 23 Nov 2021 10:22

Tot Ion: 69 Resp: 964429

Ion	Ratio	Lower	Upper
69	100		
41	145.8	116.7	175.1
100	32.7	27.3	40.9



#44

2,2,4-Trimethylpentane

Concen: 8.878 ppbv

RT: 7.87 min Scan# 1582

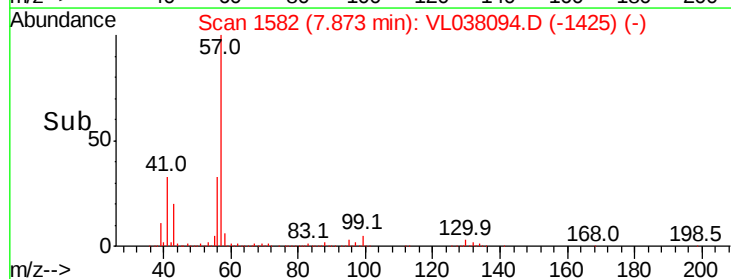
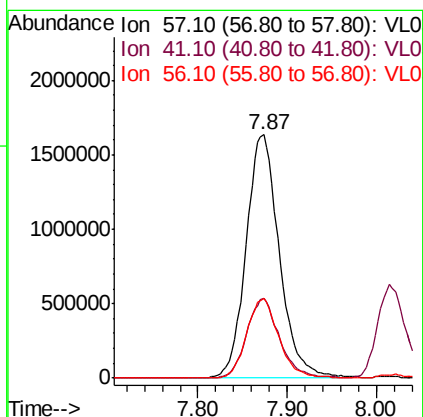
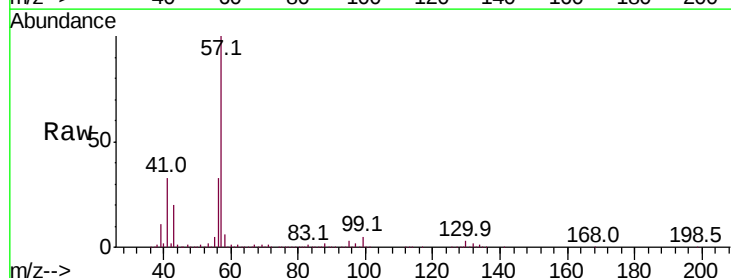
Delta R.T. 0.01 min

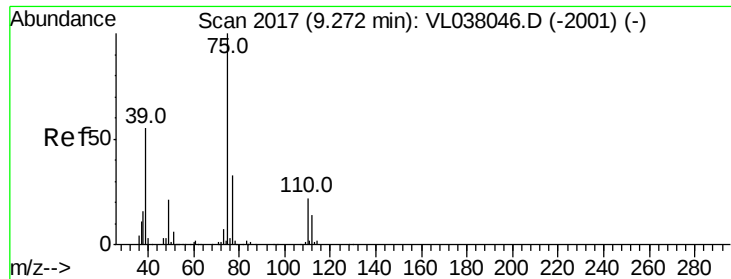
Lab File: VL038094.D

Acq: 23 Nov 2021 10:22

Tgt Ion: 57 Resp: 4244843

Ion	Ratio	Lower	Upper
57	100		
41	32.3	25.8	38.6
56	31.7	25.6	38.4





#45

t-1,3-Dichloropropene

Concen: 11.193 ppbv

RT: 9.28

Instrument: MSVOA_1

Delta R.T.:

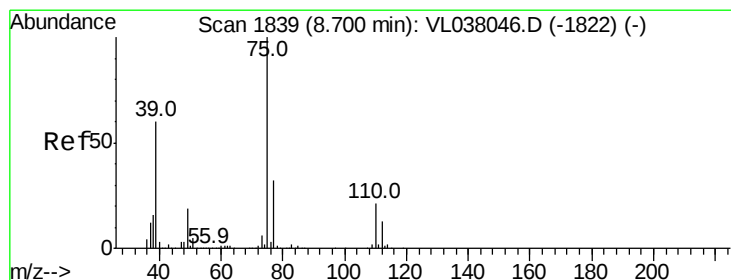
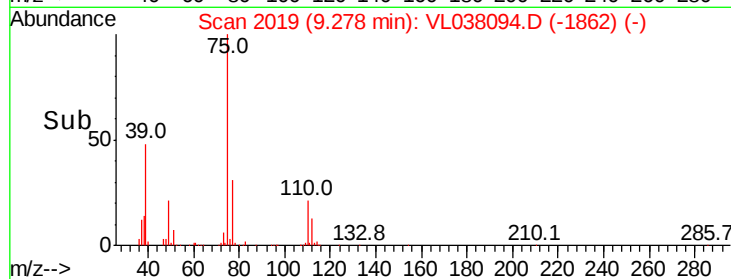
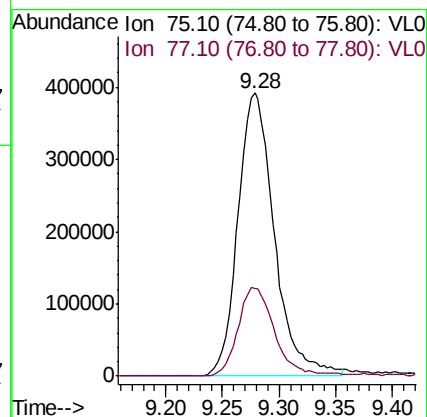
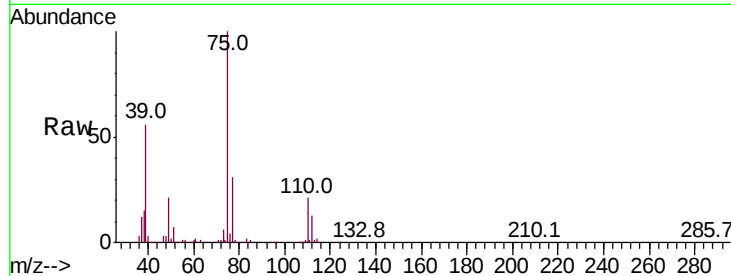
ClientSampleId:

Lab File: VSTDCCC010

Acq: 23 Nov 2021 10:22

Tot Ion: 75 Resp: 877810

Ion	Ratio	Lower	Upper
75	100		
77	31.1	26.2	39.4



#46

cis-1,3-Dichloropropene

Concen: 10.257 ppbv

RT: 8.70 min Scan# 1840

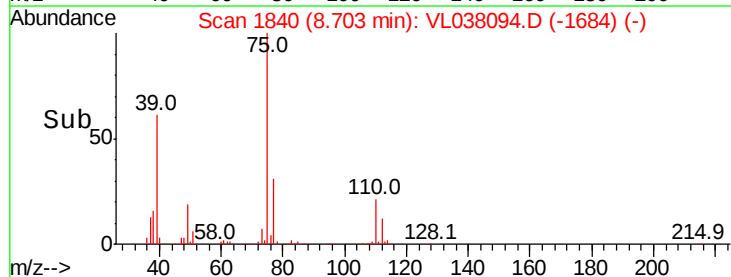
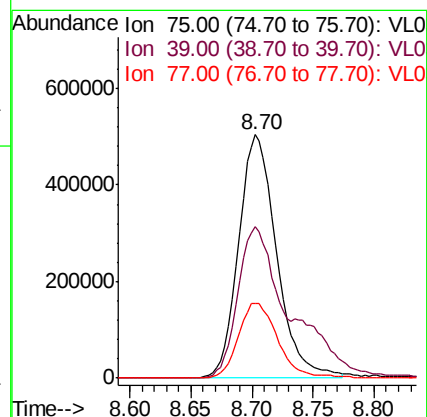
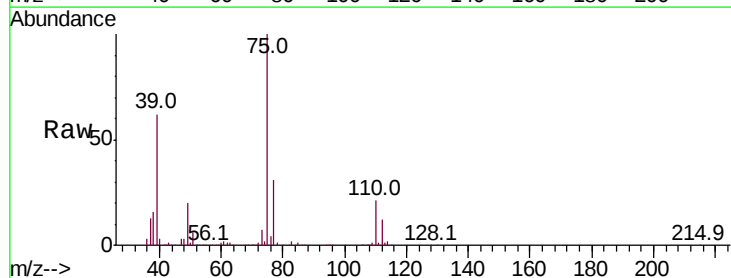
Delta R.T. 0.00 min

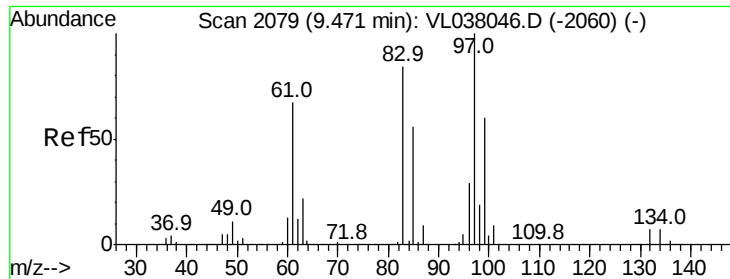
Lab File: VL038094.D

Acq: 23 Nov 2021 10:22

Tgt Ion: 75 Resp: 1087983

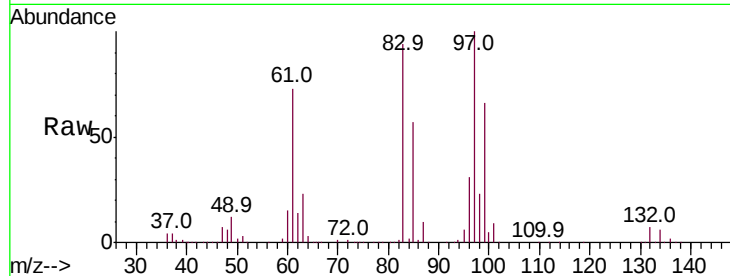
Ion	Ratio	Lower	Upper
75	100		
39	61.9	47.8	71.8
77	30.7	25.5	38.3



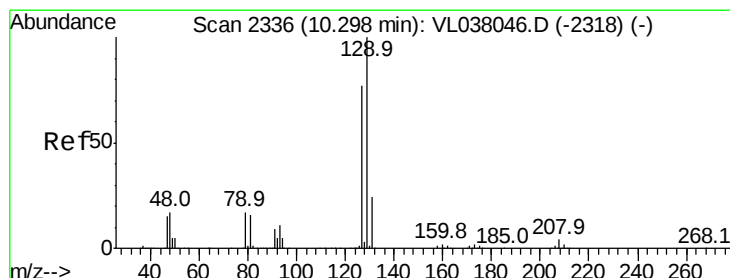
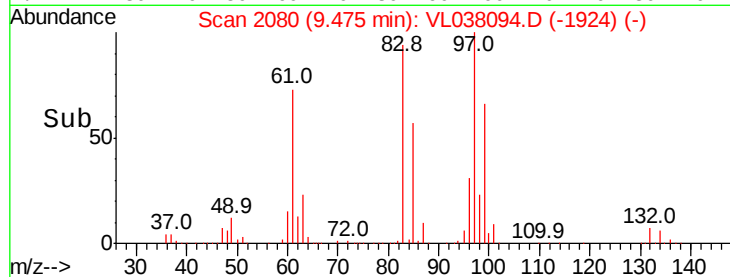
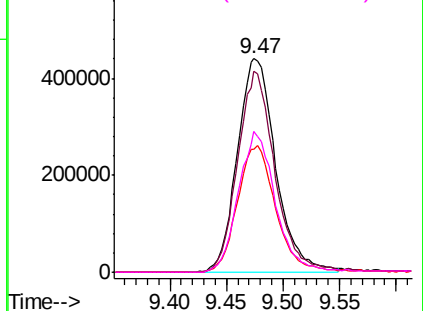


#47
 1,1,2-Trichloroethane
 Concen: 9.092 ppbv
 RT: 9.47
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 23 Nov 2021 10:22

Tot Ion: 97 Resp: 1043894
 Ion Ratio Lower Upper
 97 100
 83 94.0 66.8 100.2
 85 57.3 44.9 67.3
 99 66.0 48.0 72.0

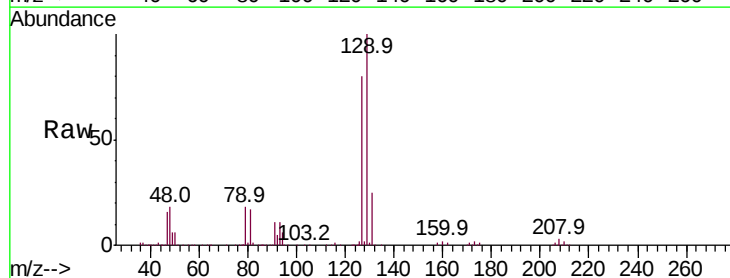


Abundance Ion 97.00 (96.70 to 97.70): VL0
 Ion 83.00 (82.70 to 83.70): VL0
 Ion 85.00 (84.70 to 85.70): VL0
 Ion 99.00 (98.70 to 99.70): VL0

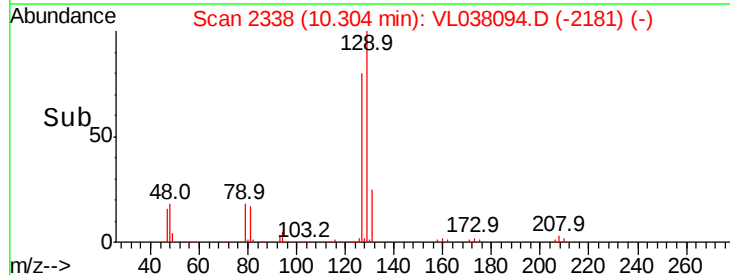
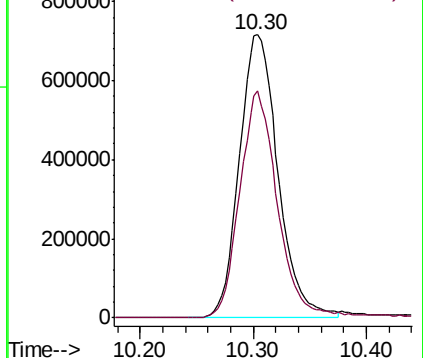


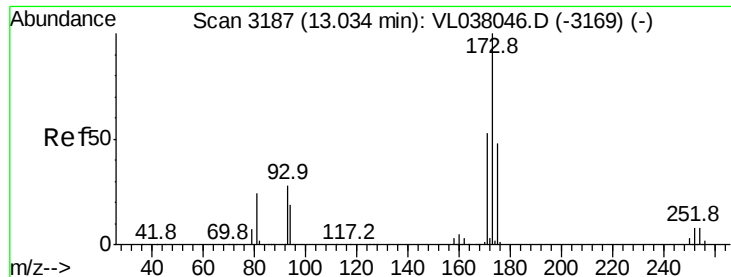
#48
 Dibromochloromethane
 Concen: 9.753 ppbv
 RT: 10.30 min Scan# 2338
 Delta R.T. 0.01 min
 Lab File: VL038094.D
 Acq: 23 Nov 2021 10:22

Tgt Ion: 129 Resp: 1705219
 Ion Ratio Lower Upper
 129 100
 127 79.9 39.4 118.1



Abundance Ion 129.00 (128.70 to 129.70): V
 Ion 127.00 (126.70 to 127.70): V





#49

Bromoform

Concen: 9.885 ppbv

RT: 13.04

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 23 Nov 2021 10:22

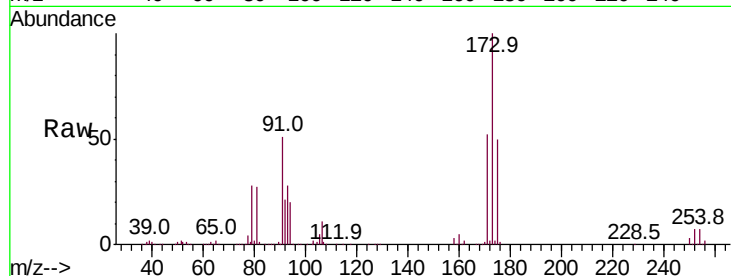
Tot Ion:173 Resp: 1236489

Ion Ratio Lower Upper

173 100

175 50.5 42.5 63.7

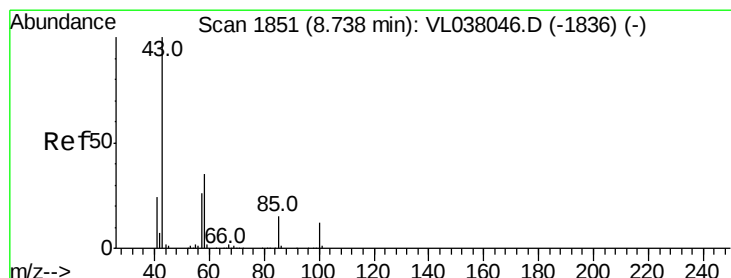
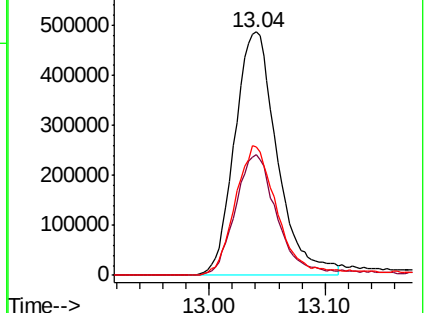
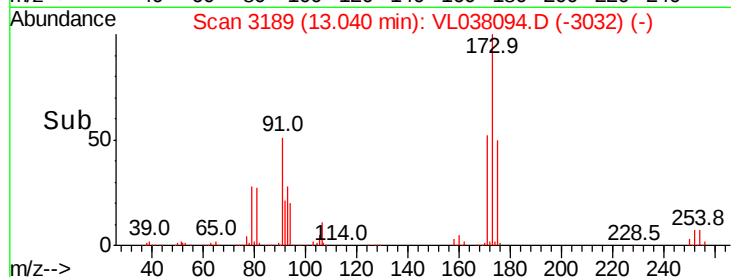
171 55.0 44.0 66.0



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: 9.810 ppbv

RT: 8.74 min Scan# 1853

Delta R.T. 0.01 min

Lab File: VL038094.D

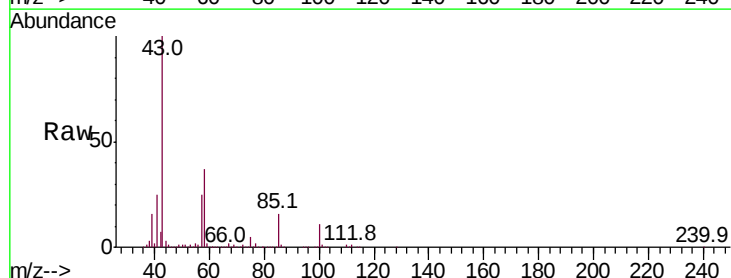
Acq: 23 Nov 2021 10:22

Tgt Ion: 43 Resp: 1720928

Ion Ratio Lower Upper

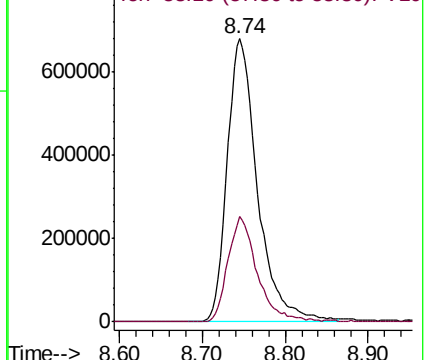
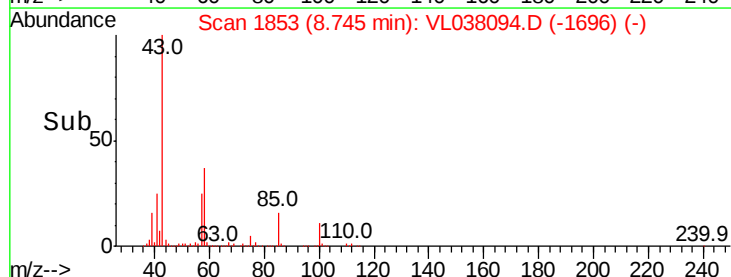
43 100

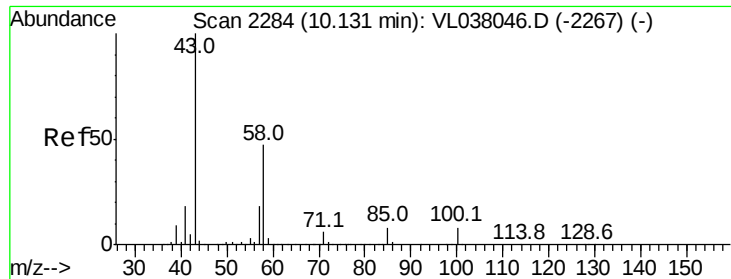
58 36.5 29.4 44.2



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





#51

2-Hexanone

Concen: 9.639 ppbv

RT: 10.14

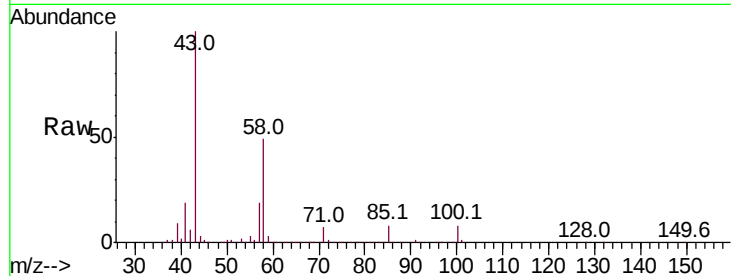
Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 23 Nov 2021 10:22

Tot Ion: 43 Resp: 795542

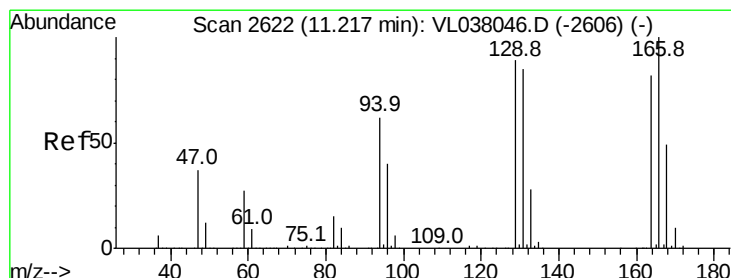
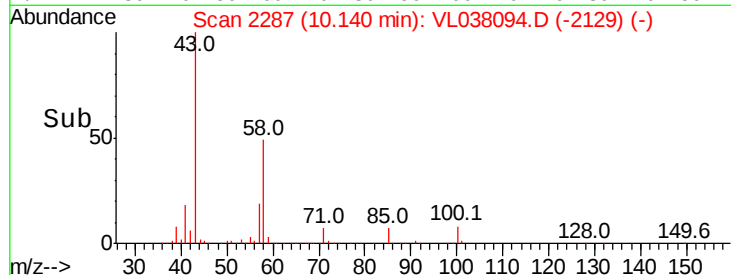
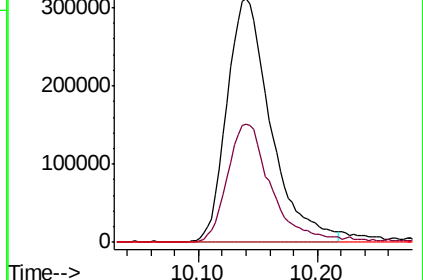
Ion	Ratio	Lower	Upper
43	100		
58	49.8	41.1	61.7
98	0.1	0.1	0.1#



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: 8.199 ppbv

RT: 11.22 min Scan# 2623

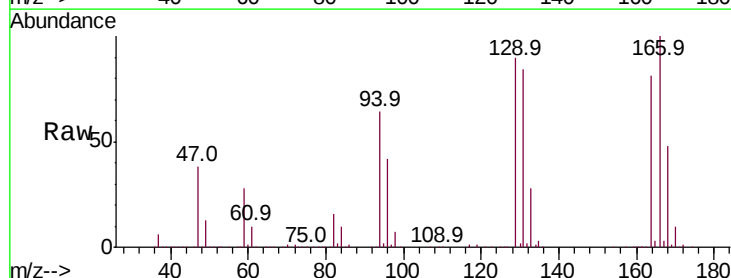
Delta R.T. 0.00 min

Lab File: VL038094.D

Acq: 23 Nov 2021 10:22

Tgt Ion: 164 Resp: 867009

Ion	Ratio	Lower	Upper
164	100		
166	123.0	97.2	145.8
129	110.4	86.9	130.3
131	103.1	82.8	124.2

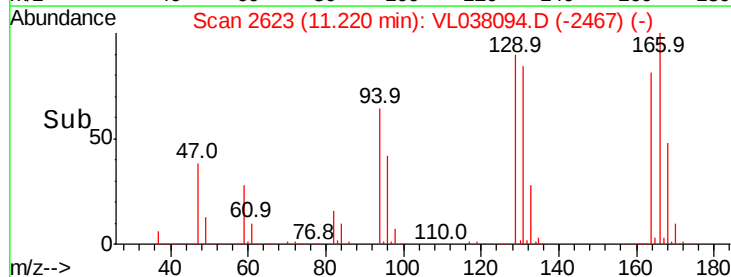
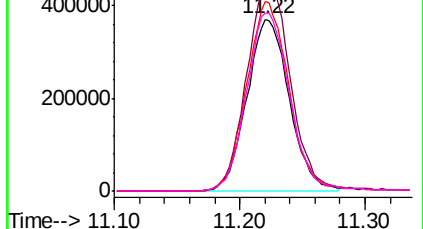


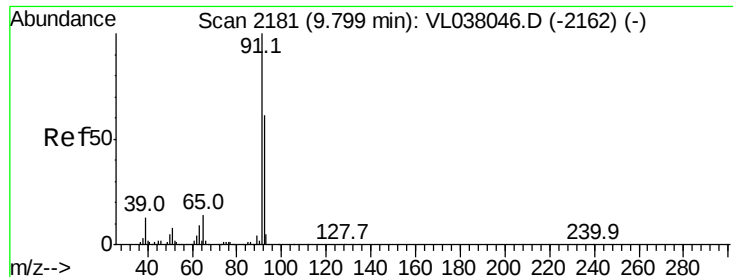
Abundance Ion 163.90 (163.60 to 164.60): V

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: 9.027 ppbv

RT: 9.81 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

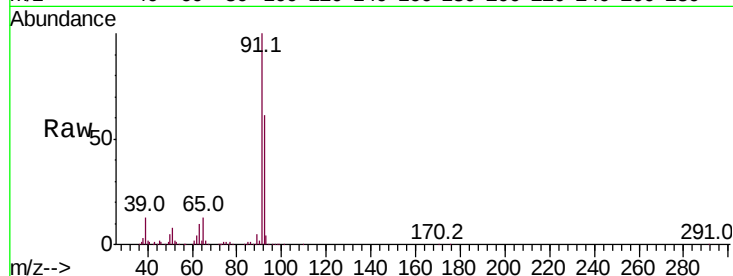
Acq: 23 Nov 2021 10:22 VSTDCCC010

Tot Ion: 91 Resp: 2968016

Ion Ratio Lower Upper

91 100

92 62.5 49.7 74.5



Abundance Ion 91.10 (90.80 to 91.80): VL0

1500000 Ion 92.10 (91.80 to 92.80): VL0

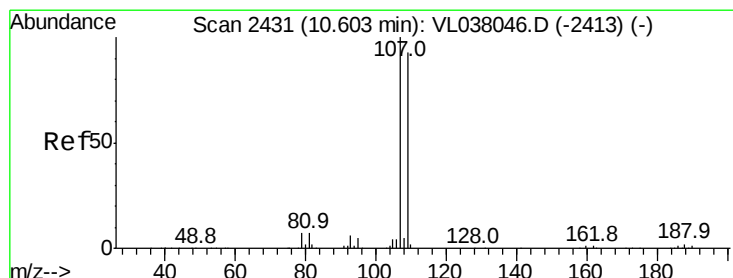
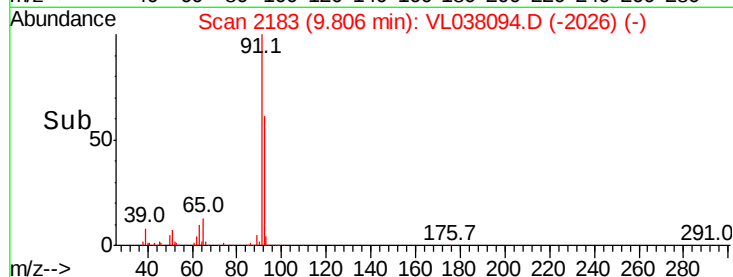
9.81

1000000

500000

0

Time-->



#54

1,2-Dibromoethane

Concen: 9.147 ppbv

RT: 10.61 min Scan# 2433

Delta R.T. 0.01 min

Lab File: VL038094.D

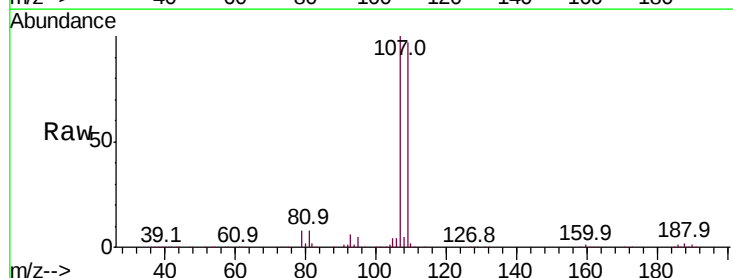
Acq: 23 Nov 2021 10:22

Tgt Ion: 107 Resp: 1483336

Ion Ratio Lower Upper

107 100

109 96.7 74.6 111.8



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

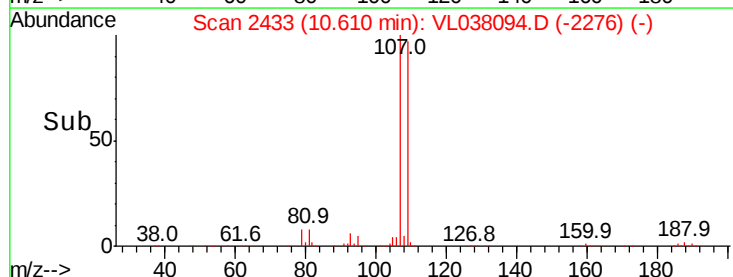
600000

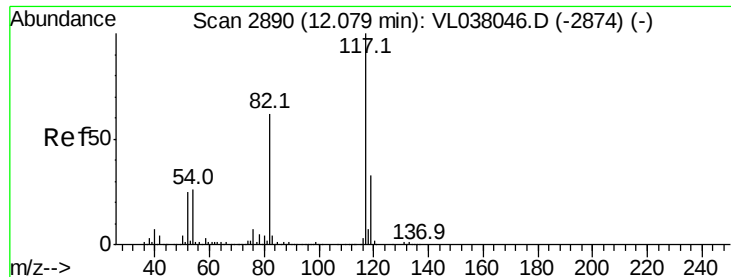
400000

200000

0

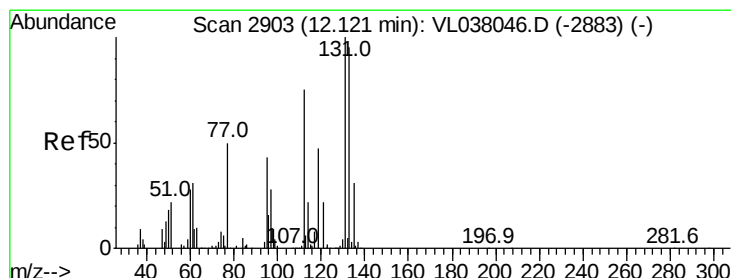
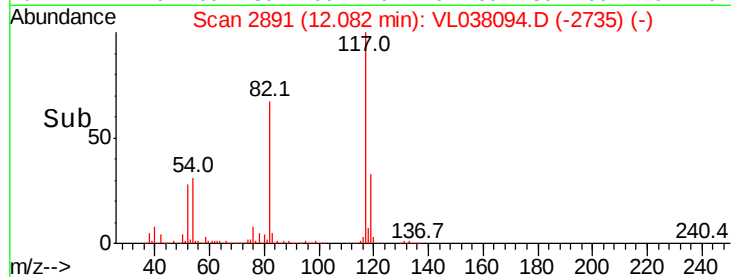
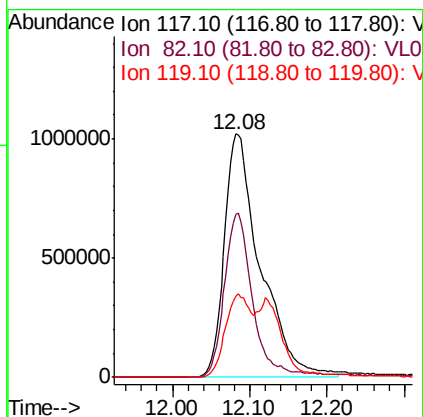
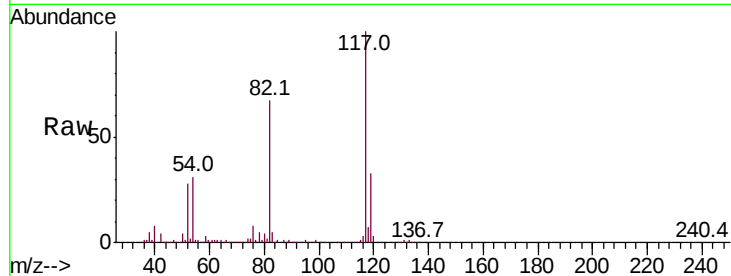
Time-->





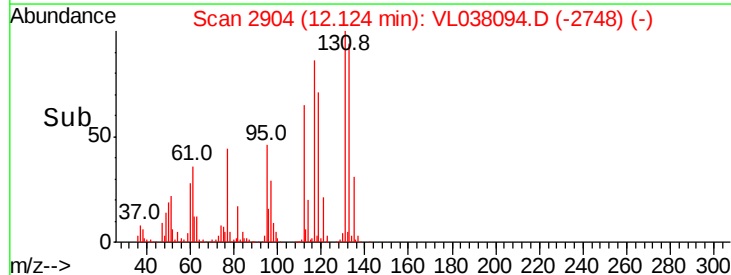
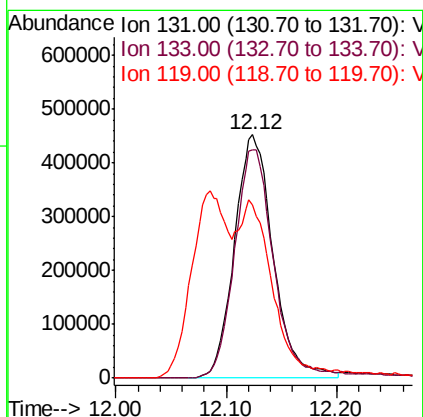
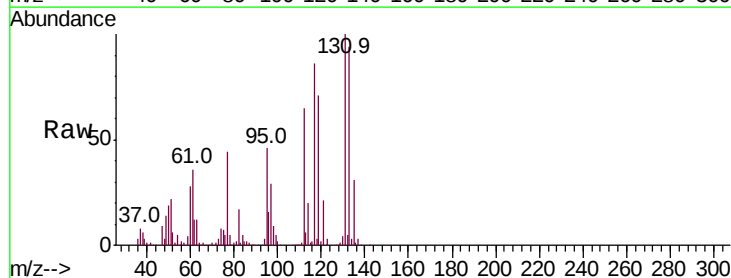
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
VSTDCCC010
Acq: 23 Nov 2021 10:22

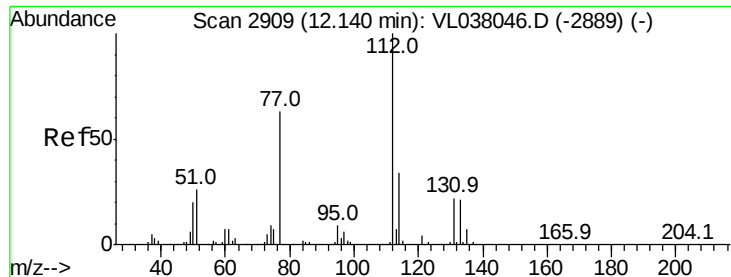
Tot Ion:117 Resp: 3301107
Ion Ratio Lower Upper
117 100
82 53.9 52.8 79.2
119 22.4 26.8 40.2#



#56
1,1,1,2-Tetrachloroethane
Concen: 7.340 ppbv
RT: 12.12 min Scan# 2904
Delta R.T.: 0.00 min
Lab File: VL038094.D
Acq: 23 Nov 2021 10:22

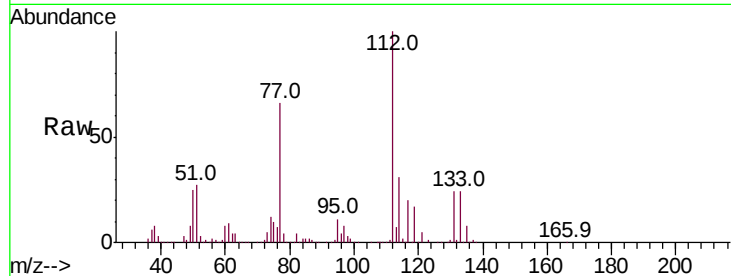
Tgt Ion:131 Resp: 1100012
Ion Ratio Lower Upper
131 100
133 98.5 78.8 118.2
119 71.4 56.3 84.5



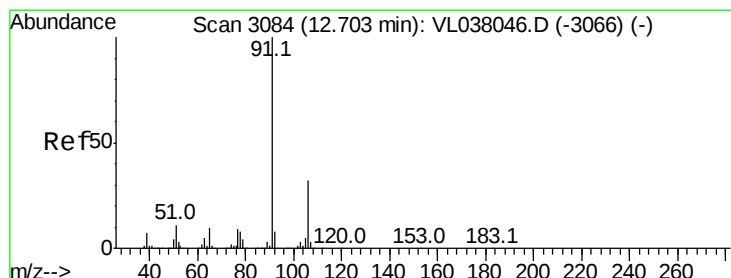
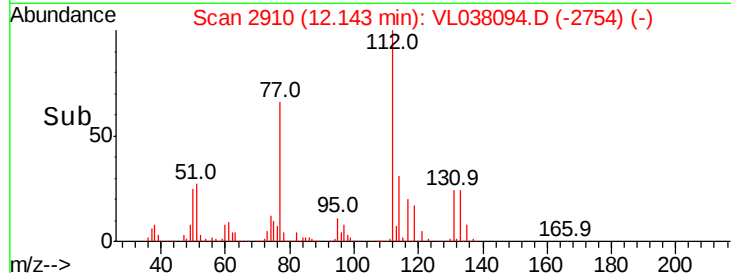
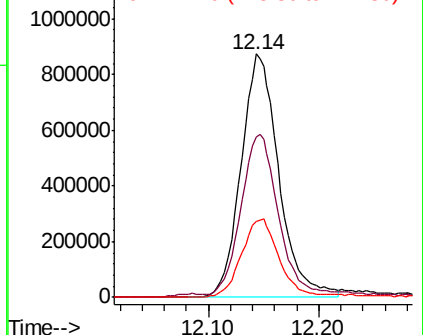


#57
Chlorobenzene
Concen: 6.993 ppbv
RT: 12.14 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId : VSTDCCC010
Acq: 23 Nov 2021 10:22

Tot Ion: 112 Resp: 2069004
Ion Ratio Lower Upper
112 100
77 64.7 50.3 75.5
114 30.9 30.7 37.5

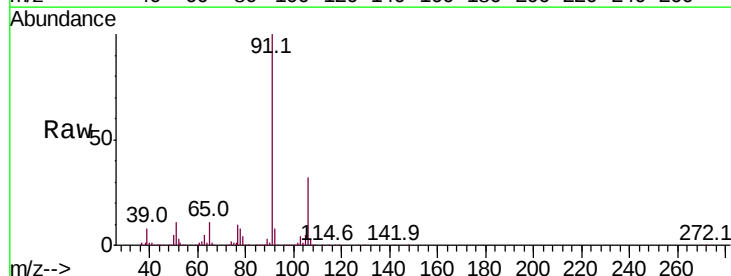


Abundance Ion 112.10 (111.80 to 112.80): V
Ion 77.10 (76.80 to 77.80): VL0
Ion 114.10 (113.80 to 114.80): V

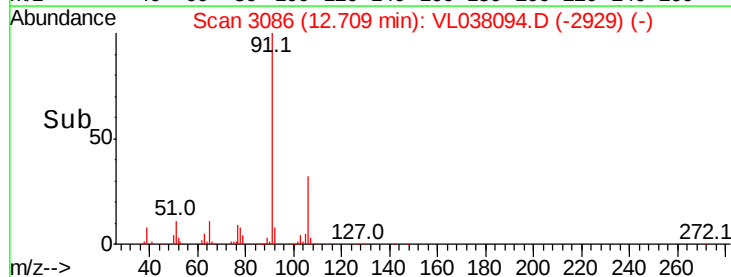
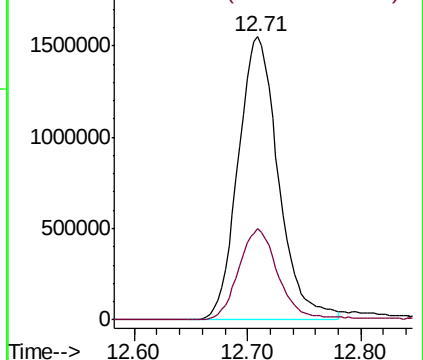


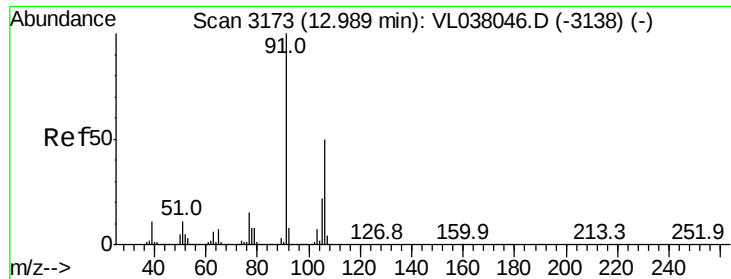
#58
Ethyl Benzene
Concen: 7.047 ppbv
RT: 12.71 min Scan# 3086
Delta R.T. 0.01 min
Lab File: VL038094.D
Acq: 23 Nov 2021 10:22

Tgt Ion: 91 Resp: 3844646
Ion Ratio Lower Upper
91 100
106 32.3 25.8 38.6



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





#59

m/p-Xylene

Concen: 7.135 ppbv

RT: 12.99

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

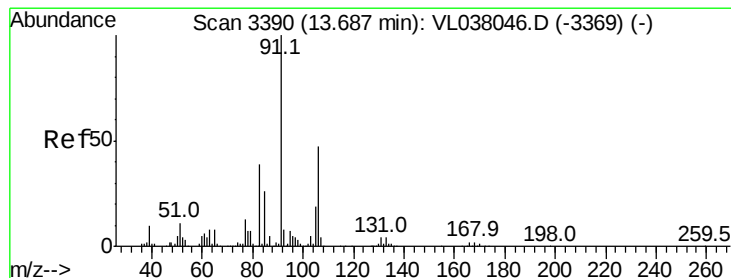
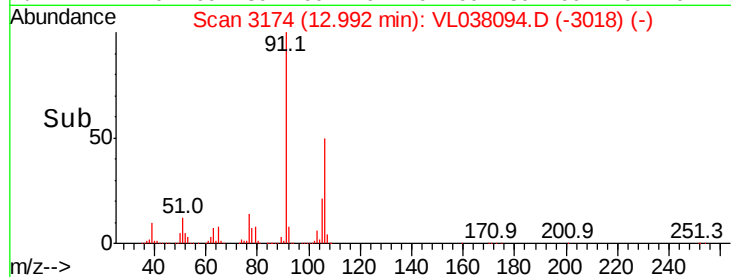
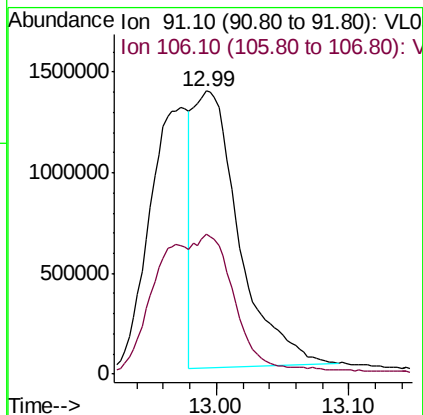
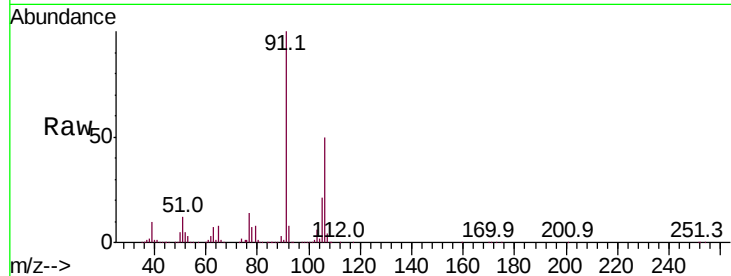
Acq: 23 Nov 2021 10:22

Tot Ion: 91 Resp: 3277234

Ion Ratio Lower Upper

91 100

106 90.0 38.1 57.1#



#60

o-Xylene

Concen: 6.839 ppbv

RT: 13.69 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VL038094.D

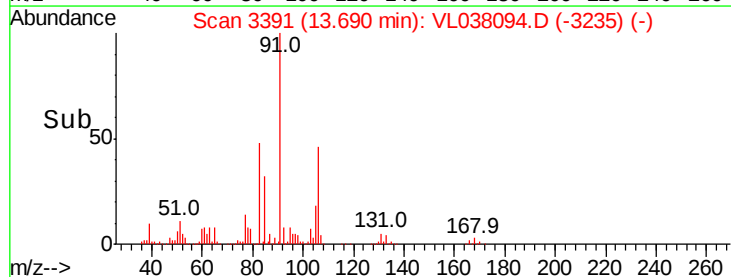
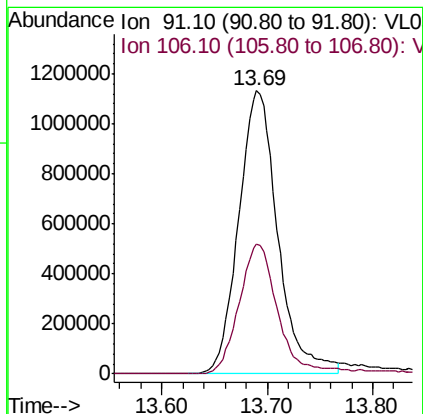
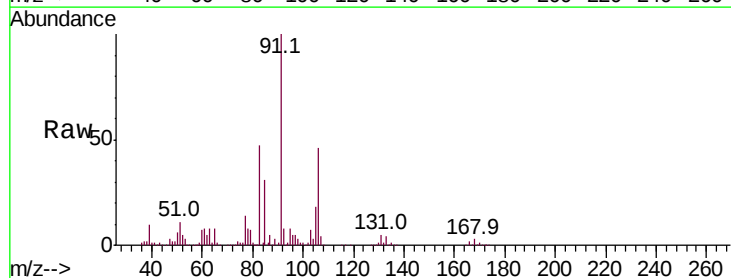
Acq: 23 Nov 2021 10:22

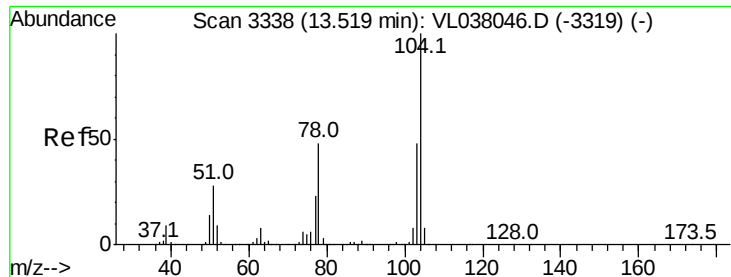
Tgt Ion: 91 Resp: 2913824

Ion Ratio Lower Upper

91 100

106 47.3 24.2 72.6

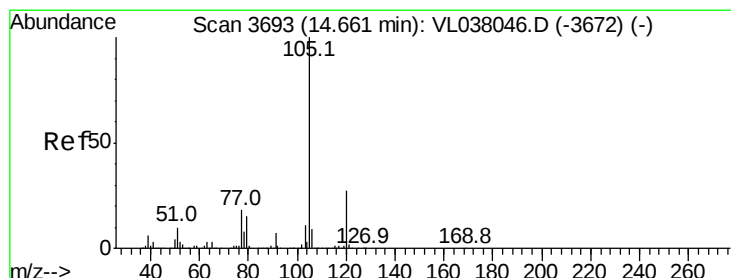
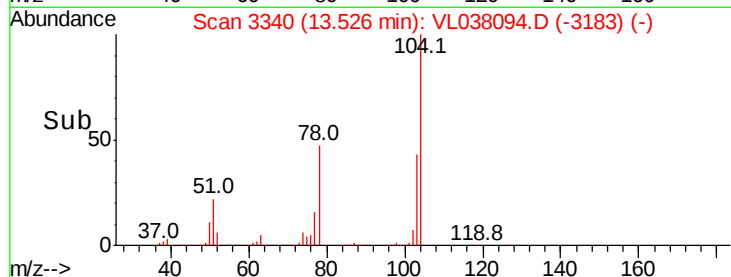
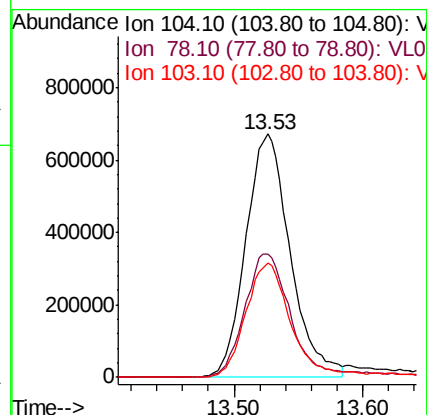
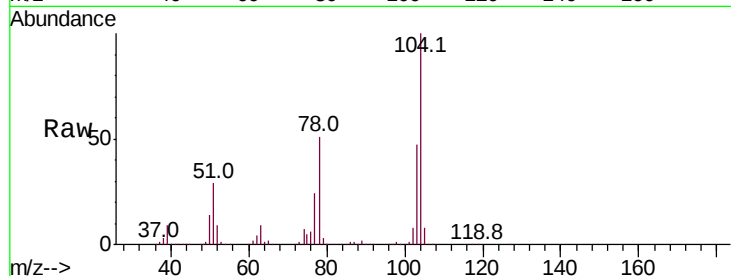




#61
Stvrene
Concen: 7.062 ppbv
RT: 13.53
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 23 Nov 2021 10:22

Tot Ion:104 Resp: 1613282

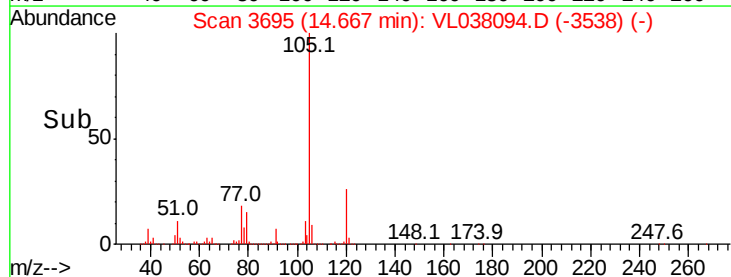
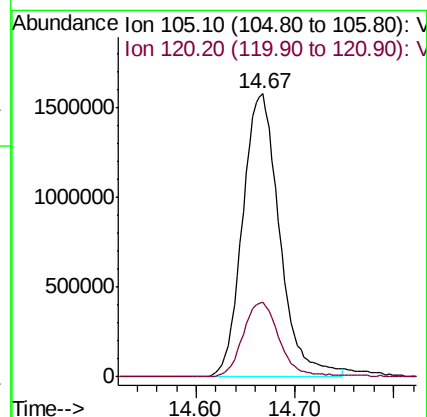
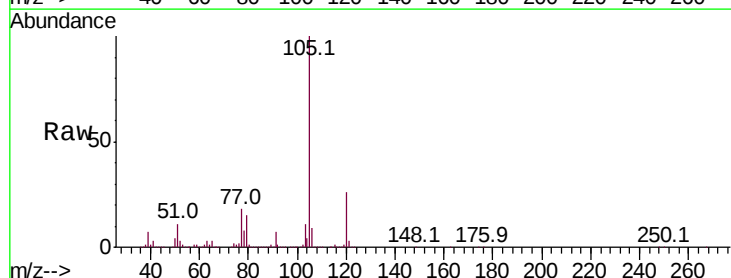
Ion	Ratio	Lower	Upper
104	100		
78	54.0	39.8	59.6
103	49.1	38.2	57.2

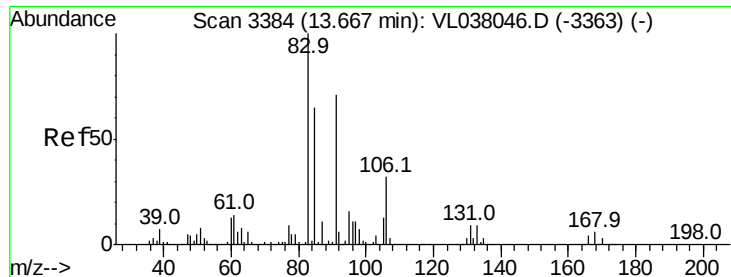


#62
Isopropylbenzene
Concen: 6.777 ppbv
RT: 14.67 min Scan# 3695
Delta R.T. 0.01 min
Lab File: VL038094.D
Acq: 23 Nov 2021 10:22

Tgt Ion:105 Resp: 4098914

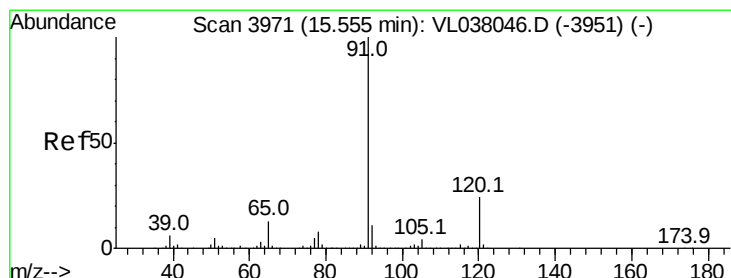
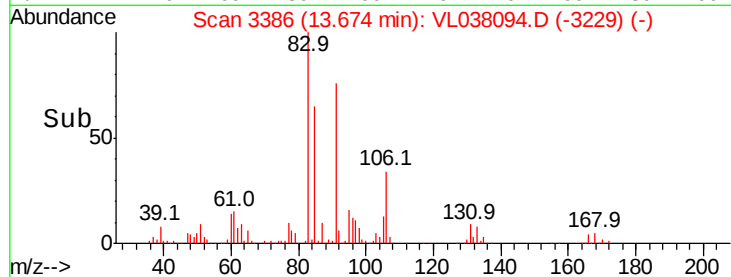
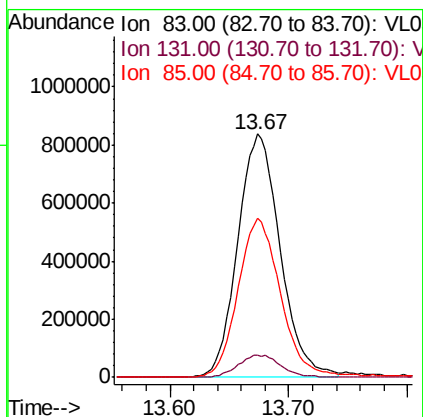
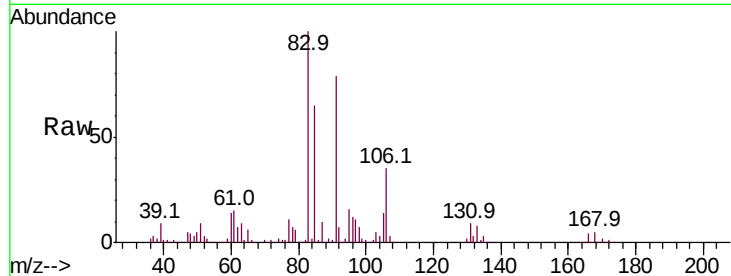
Ion	Ratio	Lower	Upper
105	100		
120	26.6	21.8	32.6





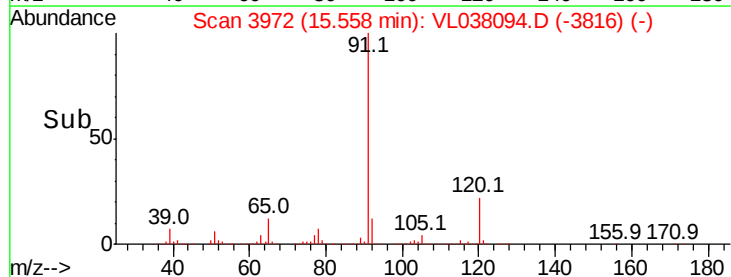
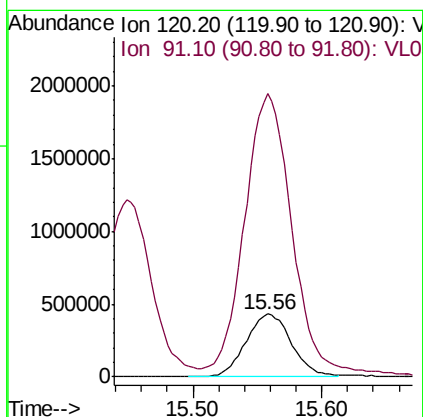
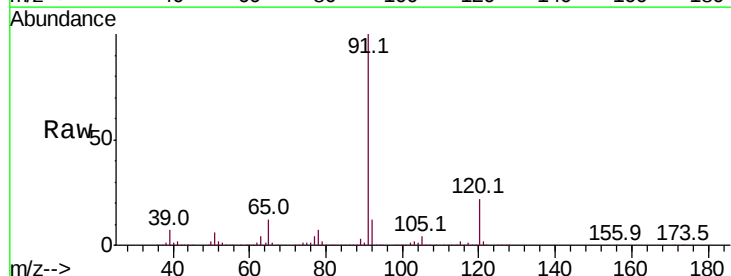
#63
 1,1,2,2-Tetrachloroethane
 Concen: 6.514 ppbv
 RT: 13.67
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 23 Nov 2021 10:22

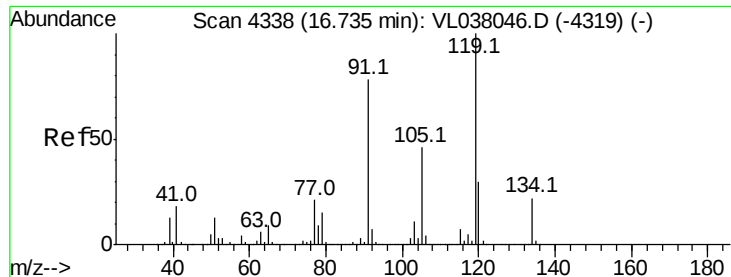
Tot Ion: 83 Resp: 2061633
 Ion Ratio Lower Upper
 83 100
 131 9.5 4.9 14.7
 85 67.1 33.4 100.1



#64
 n-propylbenzene
 Concen: 6.891 ppbv
 RT: 15.56 min Scan# 3972
 Delta R.T. 0.00 min
 Lab File: VL038094.D
 Acq: 23 Nov 2021 10:22

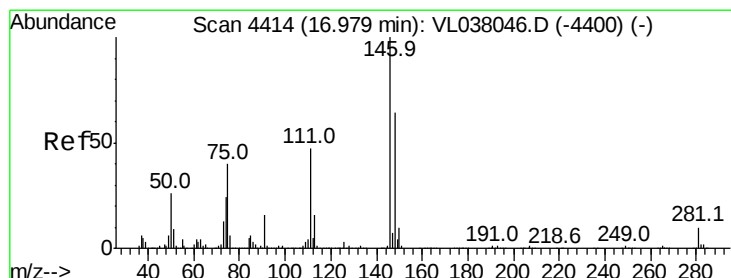
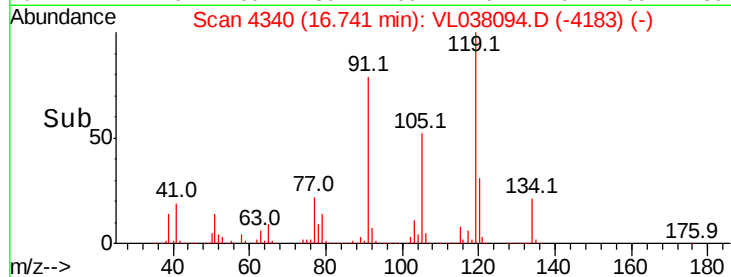
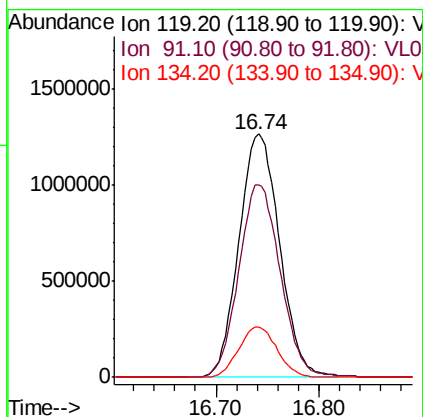
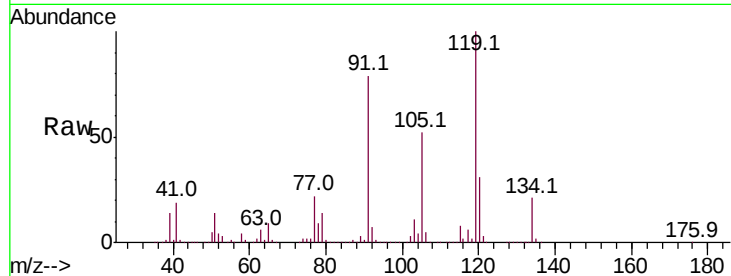
Tgt Ion:120 Resp: 1061636
 Ion Ratio Lower Upper
 120 100
 91 478.3 371.7 557.5





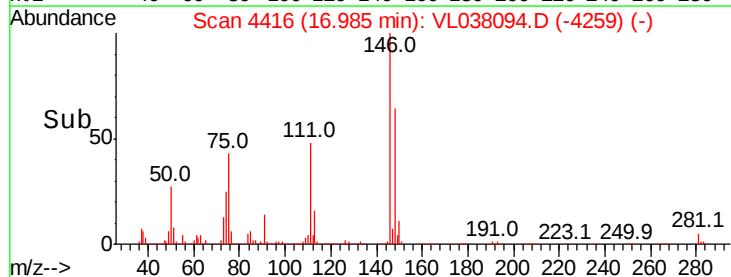
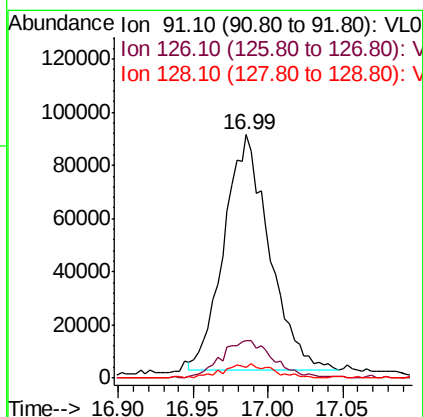
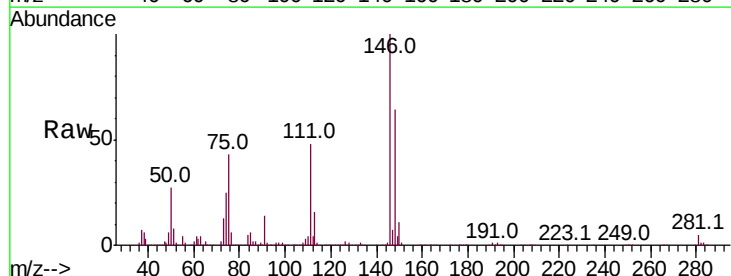
#65
 tert-Butylbenzene
 Concen: 6.523 ppbv
 RT: 16.74 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 23 Nov 2021 10:22

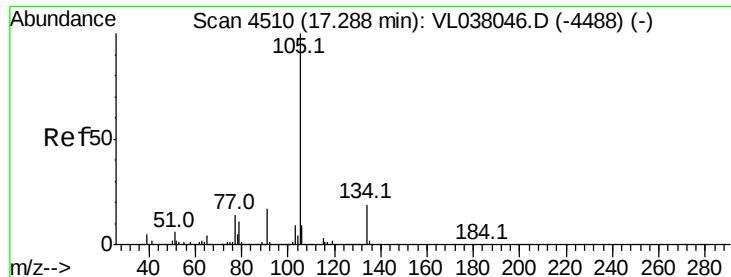
Tot Ion: 119 Resp: 3475777
 Ion Ratio Lower Upper
 119 100
 91 80.8 63.2 94.8
 134 19.8 16.1 24.1



#66
 Benzyl Chloride
 Concen: 6.896 ppbv
 RT: 16.99 min Scan# 4416
 Delta R.T.: 0.01 min
 Lab File: VL038094.D
 Acq: 23 Nov 2021 10:22

Tgt Ion: 91 Resp: 186233
 Ion Ratio Lower Upper
 91 100
 126 19.2 15.5 23.3
 128 7.2 5.6 8.4





#67

sec-Butylbenzene

Concen: 6.603 ppbv

RT: 17.29

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

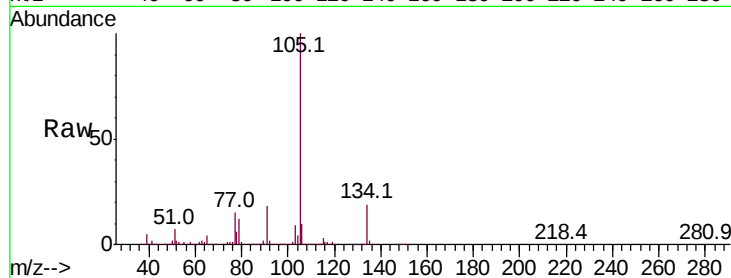
Acq: 23 Nov 2021 10:22

Tot Ion: 105 Resp: 4902340

Ion Ratio Lower Upper

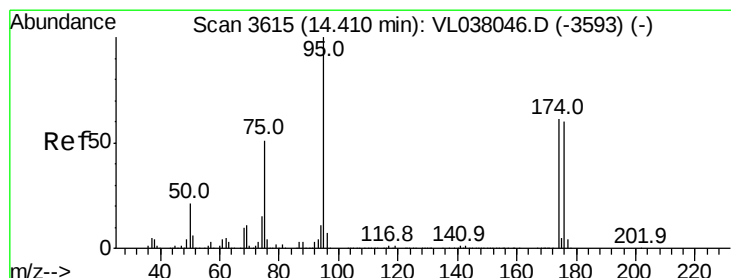
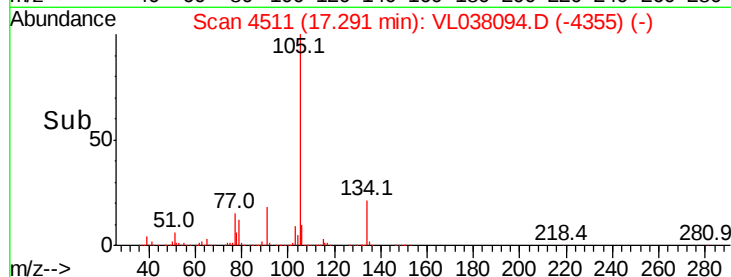
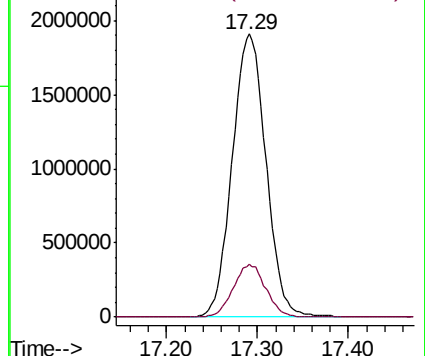
105 100

134 18.1 14.7 22.1



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: 8.718 ppbv

RT: 14.41 min Scan# 3616

Delta R.T. 0.00 min

Lab File: VL038094.D

Acq: 23 Nov 2021 10:22

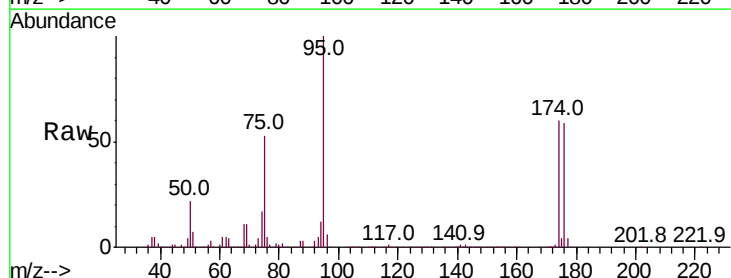
Tgt Ion: 95 Resp: 2075828

Ion Ratio Lower Upper

95 100

174 62.1 53.1 79.7

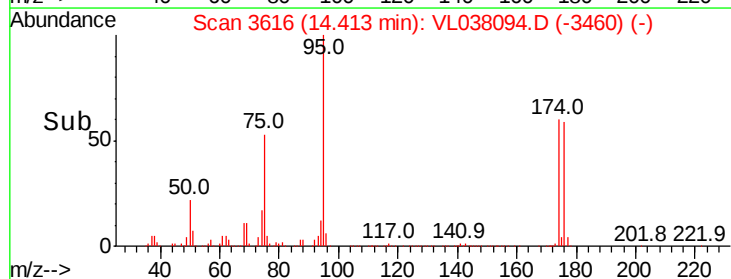
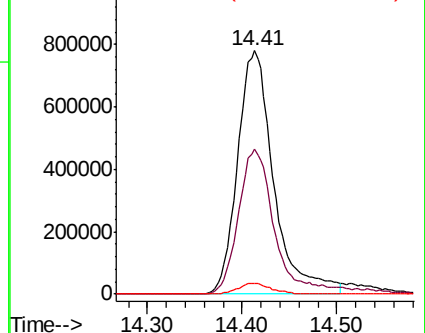
175 4.3 4.0 6.0

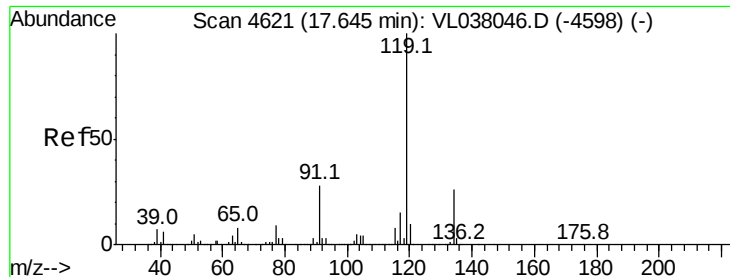


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

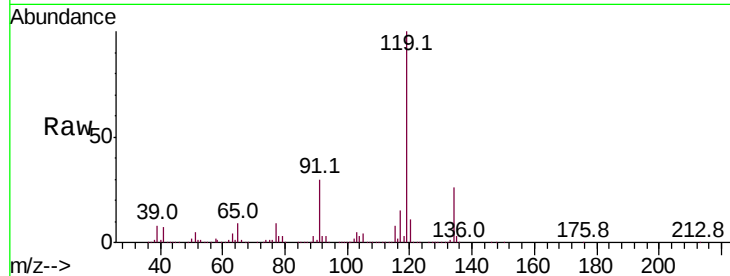




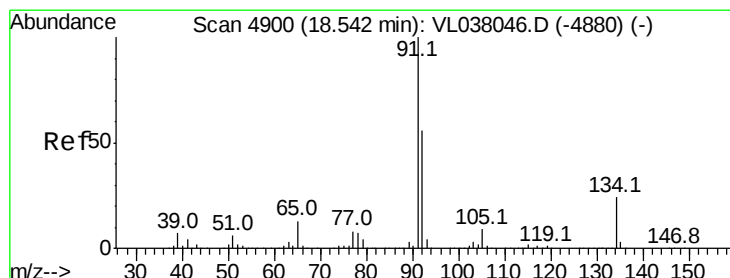
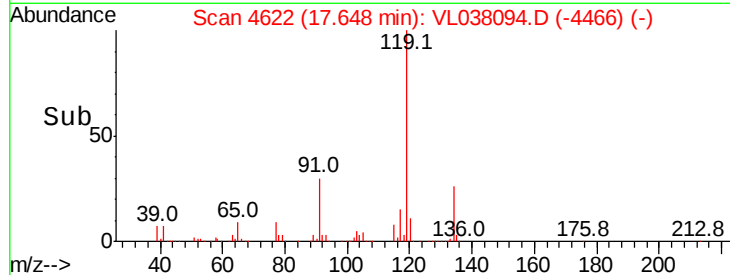
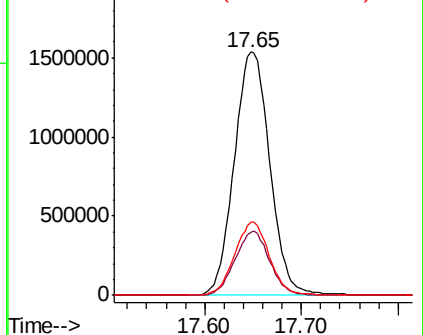
#69
 p-Isopropyltoluene
 Concen: 6.763 ppbv
 RT: 17.65
 Delta R.T. MSVOA_1
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 23 Nov 2021 10:22

Tot Ion: 119 Resp: 3927652

Ion	Ratio	Lower	Upper
119	100		
134	25.7	20.6	30.8
91	29.3	22.2	33.4



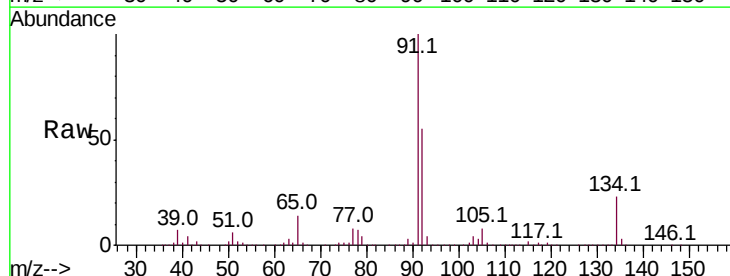
Abundance Ion 119.10 (118.80 to 119.80): V
 Ion 134.20 (133.90 to 134.90): V
 Ion 91.10 (90.80 to 91.80): V



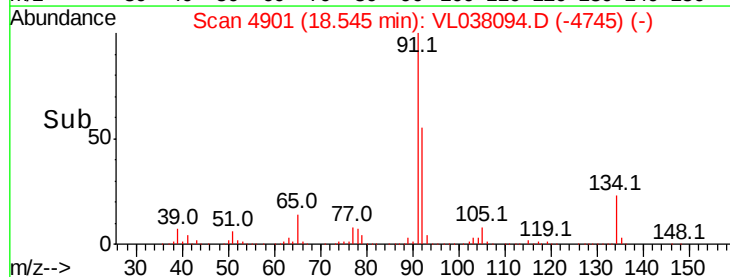
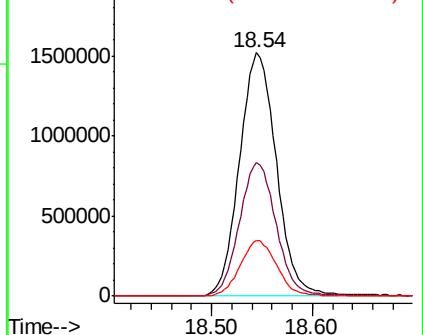
#70
 n-Butylbenzene
 Concen: 6.939 ppbv
 RT: 18.54 min Scan# 4901
 Delta R.T. 0.00 min
 Lab File: VL038094.D
 Acq: 23 Nov 2021 10:22

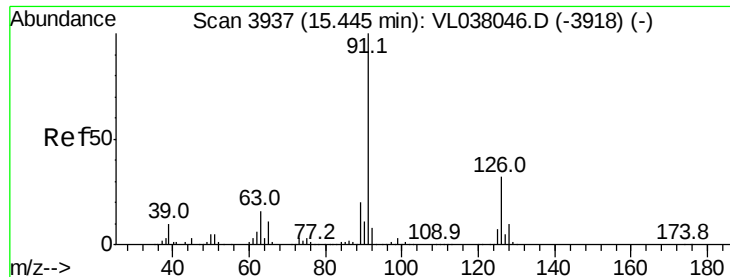
Tgt Ion: 91 Resp: 3853411

Ion	Ratio	Lower	Upper
91	100		
92	55.2	44.1	66.1
134	22.8	18.9	28.3



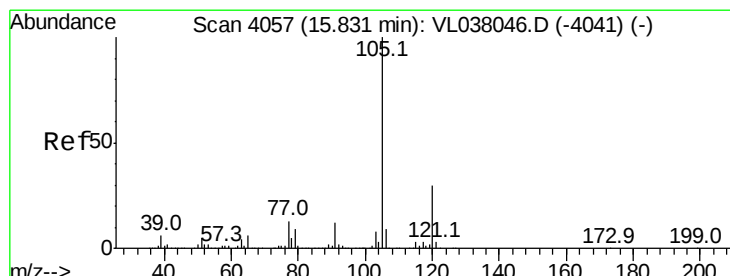
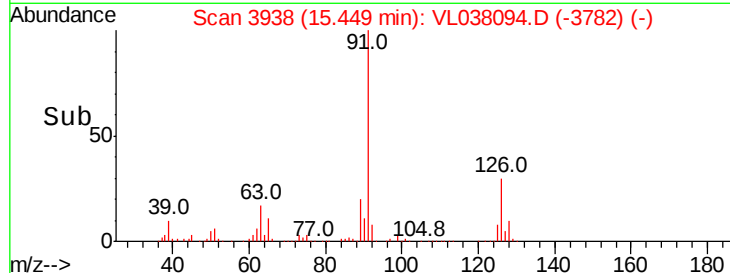
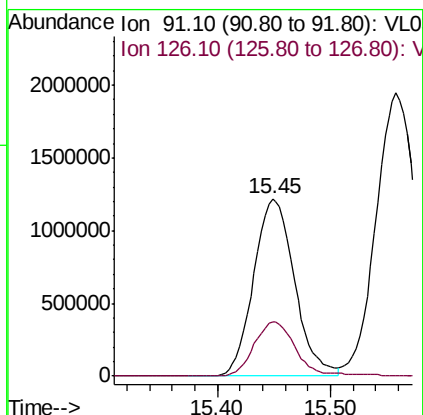
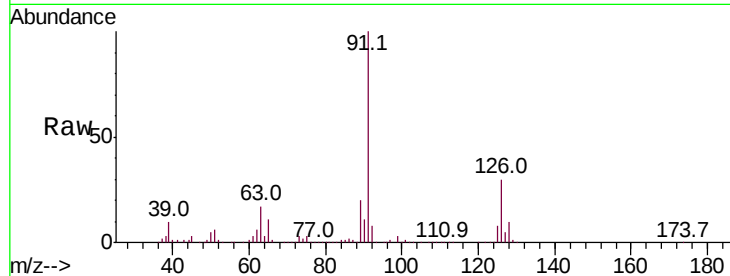
Abundance Ion 91.10 (90.80 to 91.80): VL0
 Ion 92.10 (91.80 to 92.80): VL0
 Ion 134.20 (133.90 to 134.90): V





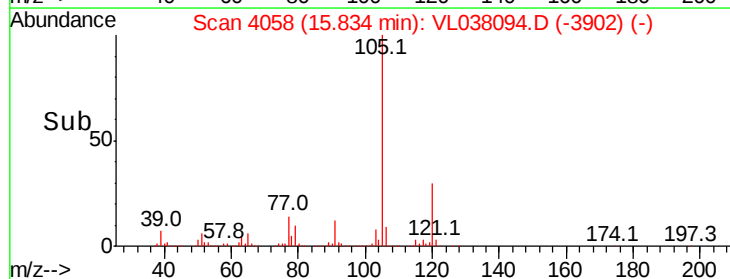
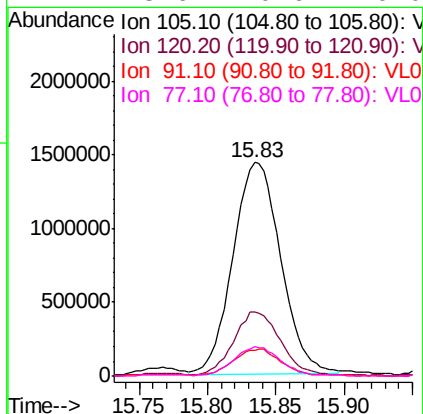
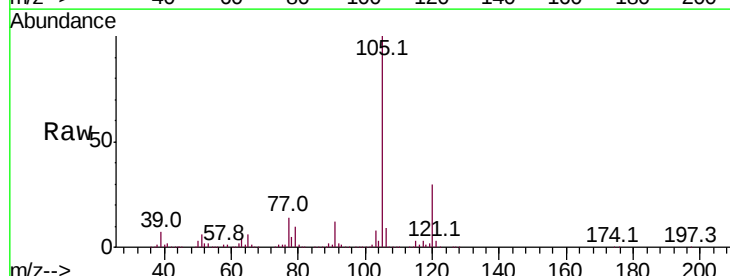
#71
 2-Chlorotoluene
 Concen: 6.921 ppbv
 RT: 15.45
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId:
 VSTDCCC010
 Acq: 23 Nov 2021 10:22

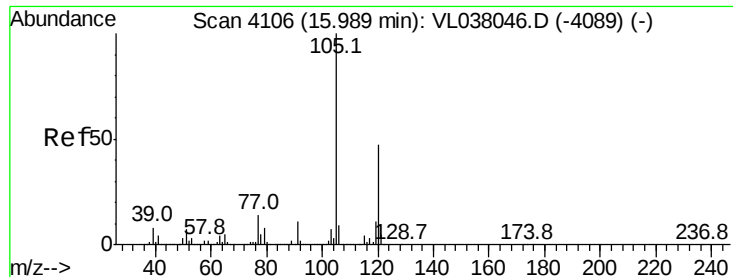
Tot Ion: 91 Resp: 3060297
 Ion Ratio Lower Upper
 91 100
 126 31.9 13.1 52.3



#72
 4-Ethyltoluene
 Concen: 7.140 ppbv
 RT: 15.83 min Scan# 4058
 Delta R.T. 0.00 min
 Lab File: VL038094.D
 Acq: 23 Nov 2021 10:22

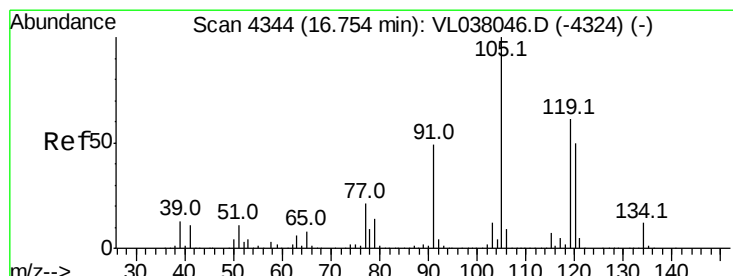
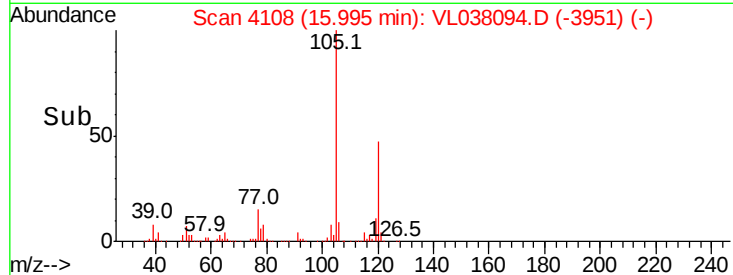
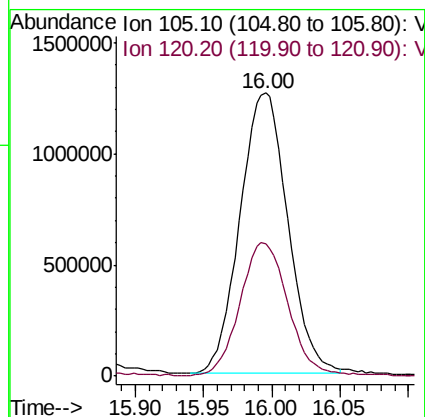
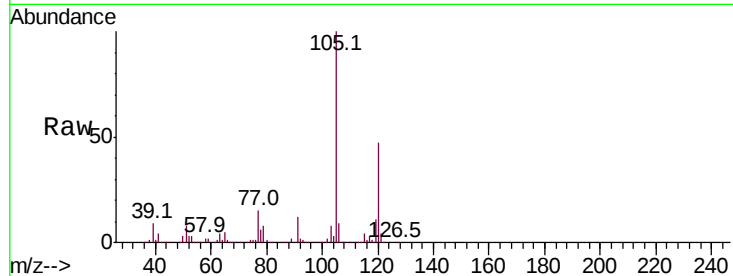
Tgt Ion:105 Resp: 3526912
 Ion Ratio Lower Upper
 105 100
 120 30.1 25.1 37.7
 91 12.3 9.7 14.5
 77 13.6 10.6 16.0





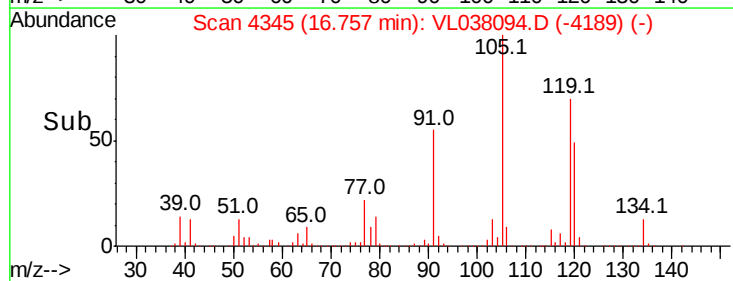
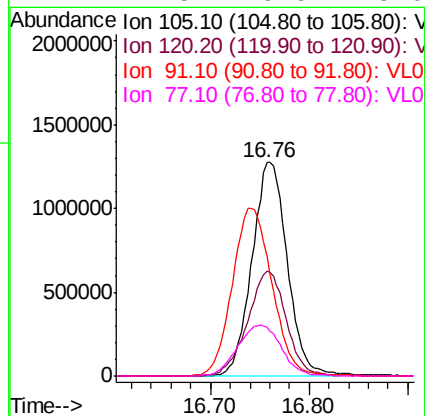
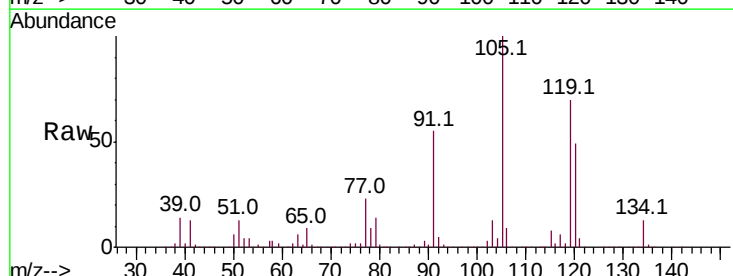
#73
 1,3,5-Trimethylbenzene
 Concen: 6.811 ppbv
 RT: 16.00
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 23 Nov 2021 10:22

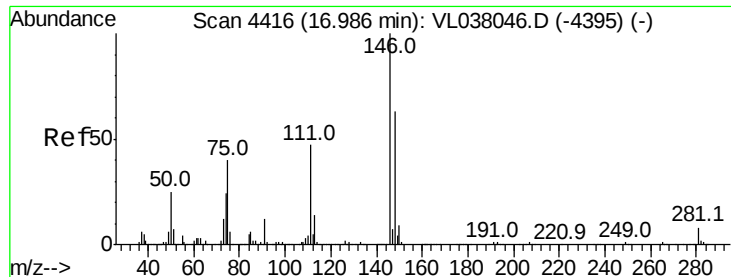
Tot Ion:105 Resp: 3073272
 Ion Ratio Lower Upper
 105 100
 120 46.7 37.8 56.6



#74
 1,2,4-Trimethylbenzene
 Concen: 6.752 ppbv
 RT: 16.76 min Scan# 4345
 Delta R.T. 0.00 min
 Lab File: VL038094.D
 Acq: 23 Nov 2021 10:22

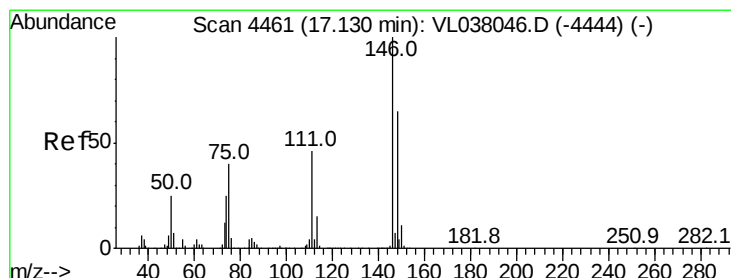
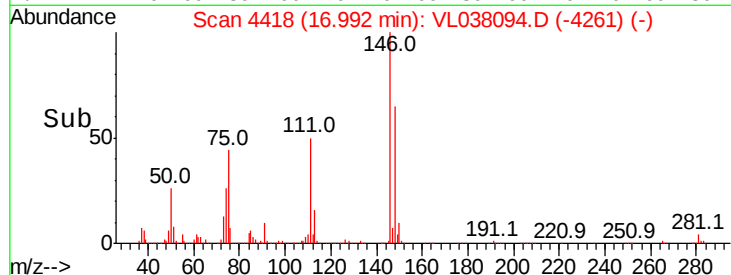
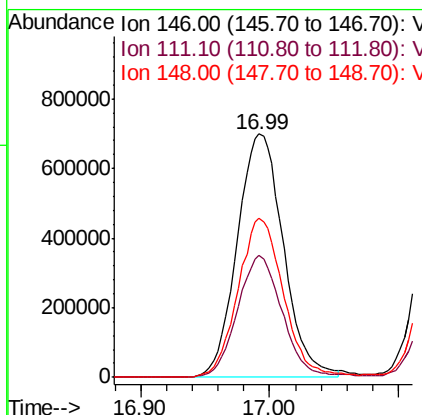
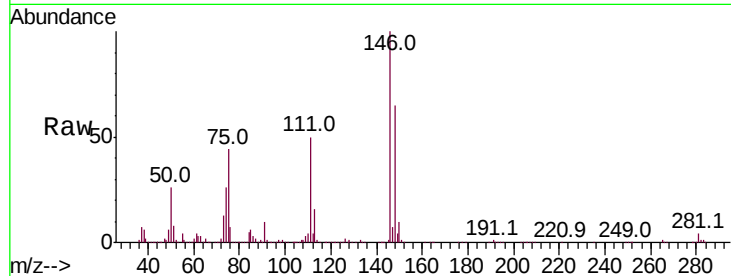
Tgt Ion:105 Resp: 3139309
 Ion Ratio Lower Upper
 105 100
 120 48.9 40.1 60.1
 91 55.4 39.8 59.8
 77 22.5 16.6 25.0





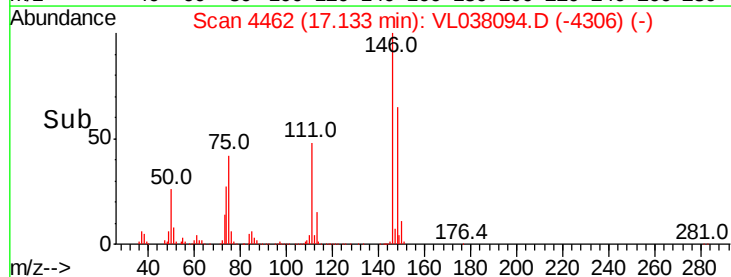
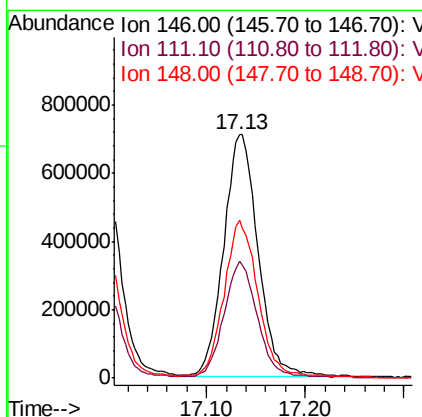
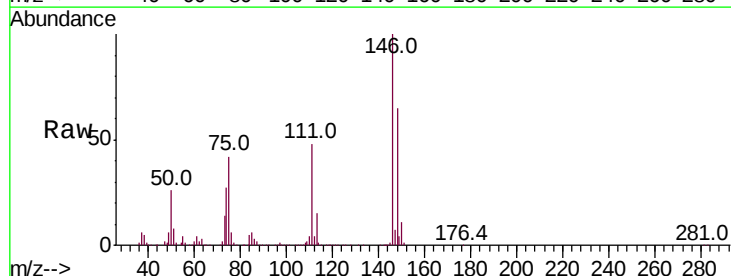
#75
 1,3-Dichlorobenzene
 Concen: 6.791 ppbv
 RT: 16.99
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDCCC010
 Acq: 23 Nov 2021 10:22

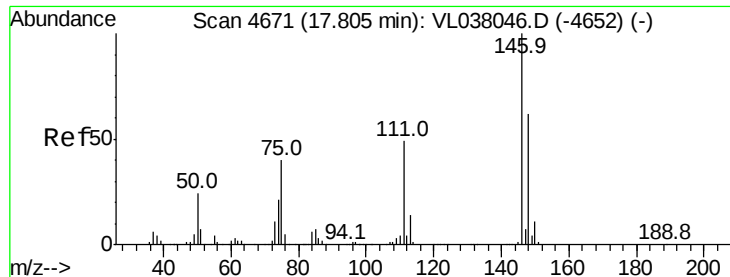
Tot Ion:146 Resp: 1734286
 Ion Ratio Lower Upper
 146 100
 111 48.9 23.5 70.6
 148 64.6 32.1 96.3



#76
 1,4-Dichlorobenzene
 Concen: 6.645 ppbv
 RT: 17.13 min Scan# 4462
 Delta R.T.: 0.00 min
 Lab File: VL038094.D
 Acq: 23 Nov 2021 10:22

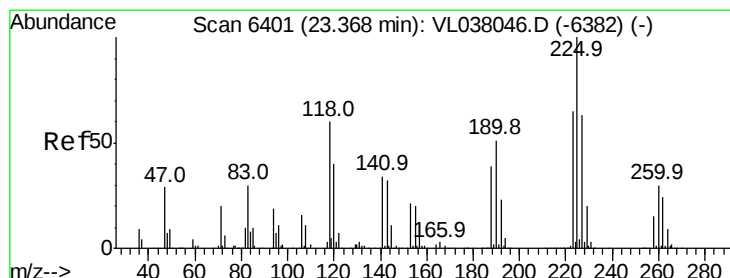
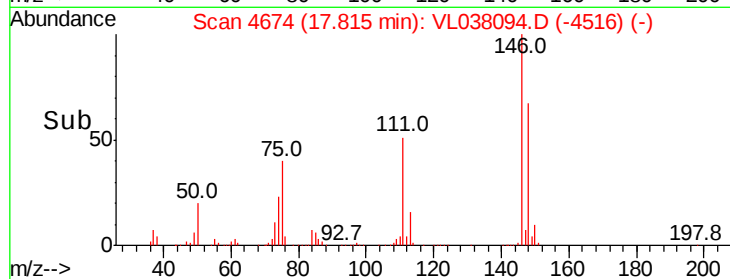
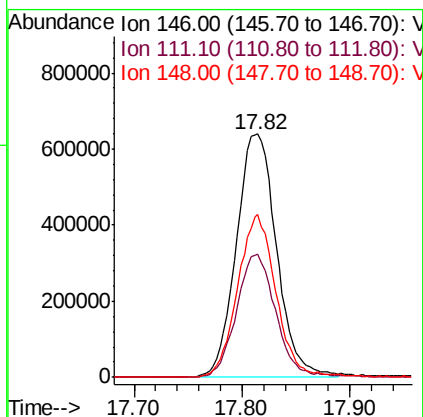
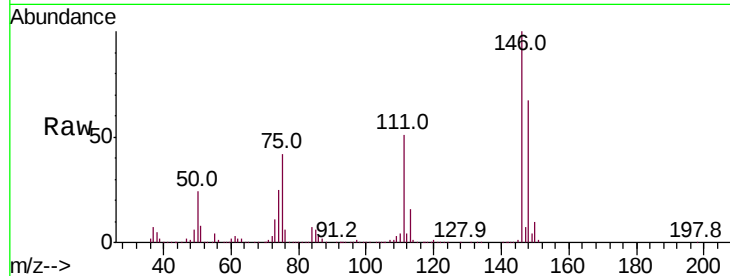
Tgt Ion:146 Resp: 1707526
 Ion Ratio Lower Upper
 146 100
 111 47.5 23.8 71.5
 148 66.1 33.2 99.6





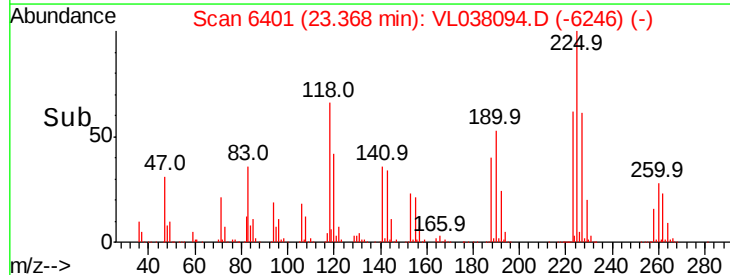
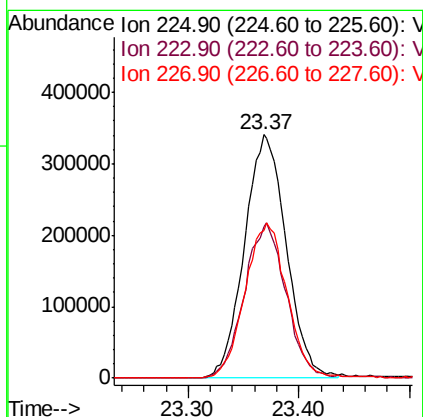
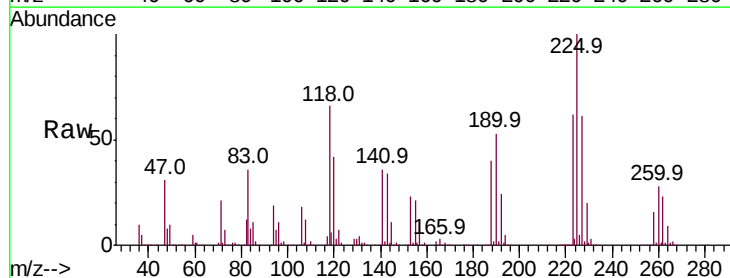
#77
 1,2-Dichlorobenzene
 Concen: 6.685 ppbv
 RT: 17.82
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 23 Nov 2021 10:22

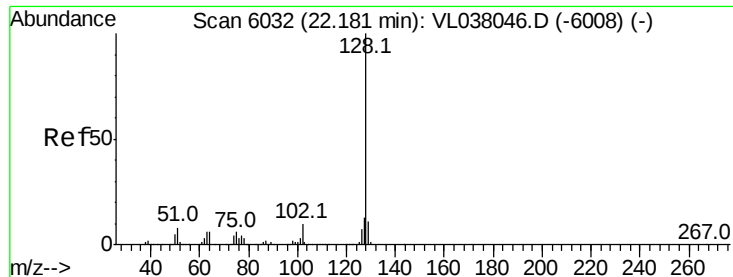
Tot Ion:146 Resp: 1652896
 Ion Ratio Lower Upper
 146 100
 111 49.6 24.8 74.4
 148 64.5 32.3 96.9



#78
 Hexachloro-1,3-Butadiene
 Concen: 5.810 ppbv
 RT: 23.37 min Scan# 6401
 Delta R.T. -0.00 min
 Lab File: VL038094.D
 Acq: 23 Nov 2021 10:22

Tgt Ion:225 Resp: 896965
 Ion Ratio Lower Upper
 225 100
 223 64.1 52.3 78.5
 227 64.5 52.4 78.6





#79

Naphthalene

Concen: 7.002 ppbv

RT: 22.19

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 23 Nov 2021 10:22

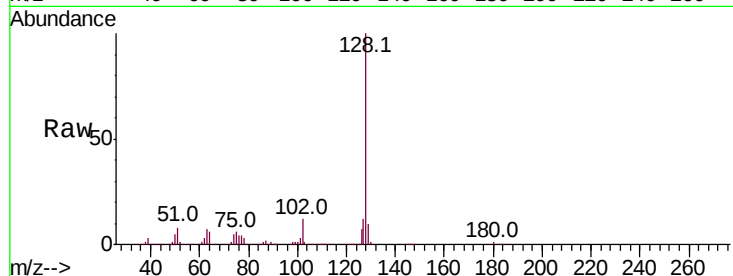
Tot Ion:128 Resp: 1714488

Ion Ratio Lower Upper

128 100

127 12.1 10.4 15.6

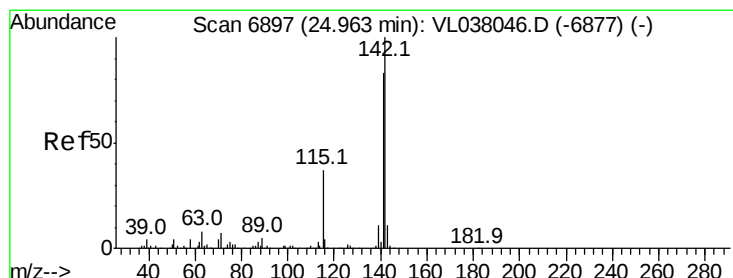
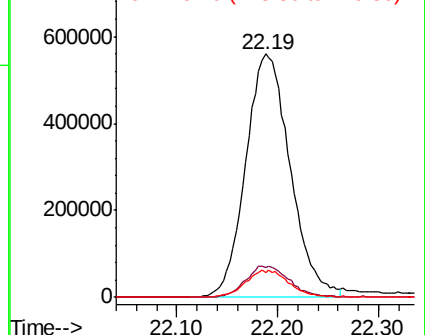
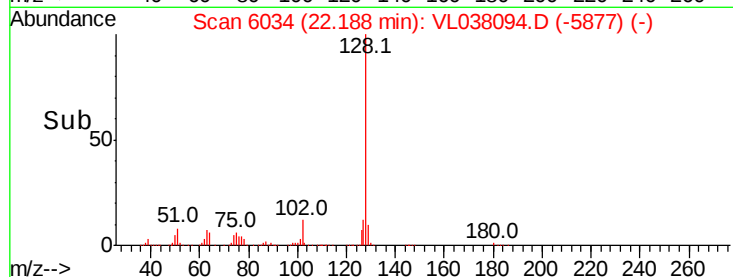
129 10.0 8.9 13.3



Abundance Ion 128.10 (127.80 to 128.80): V

Ion 127.10 (126.80 to 127.80): V

Ion 129.10 (128.80 to 129.80): V



#80

Naphthalene, 2-methyl-

Concen: 6.366 ppbv

RT: 24.97 min Scan# 6898

Delta R.T. 0.00 min

Lab File: VL038094.D

Acq: 23 Nov 2021 10:22

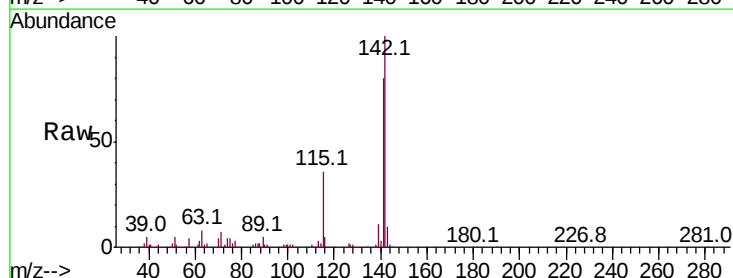
Tgt Ion:142 Resp: 334025

Ion Ratio Lower Upper

142 100

141 86.0 67.3 100.9

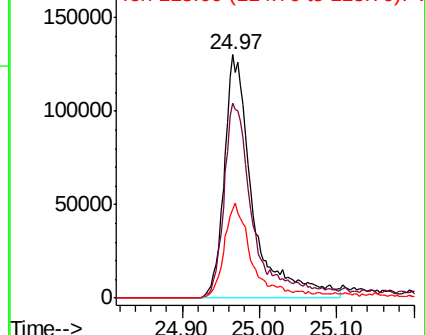
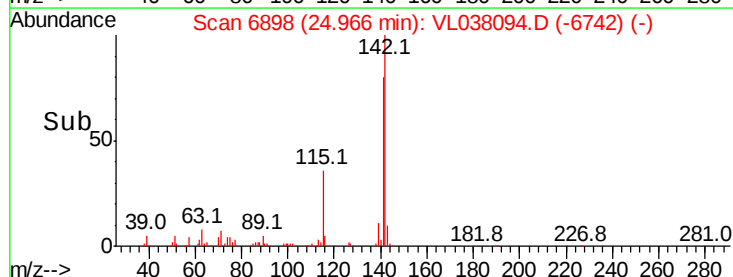
115 39.3 28.9 43.3

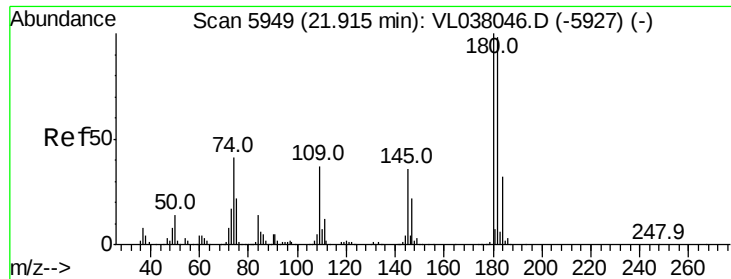


Abundance Ion 142.00 (141.70 to 142.70): V

Ion 141.00 (140.70 to 141.70): V

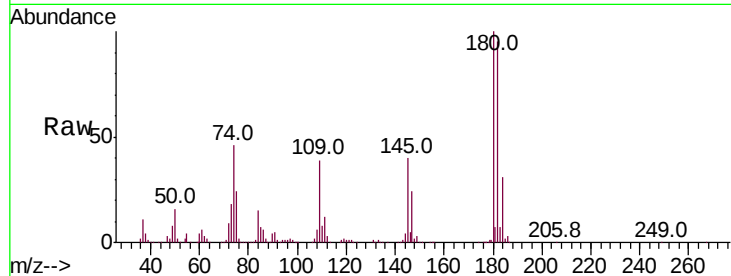
Ion 115.00 (114.70 to 115.70): V





#81
 1,2,4-Trichlorobenzene
 Concen: 6.543 ppbv
 RT: 21.92
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 23 Nov 2021 10:22

Tot Ion:	180	Resp:	920574
Ion	Ratio	Lower	Upper
180	100		
182	99.7	77.4	116.2
184	31.9	25.0	37.4



Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 184.00 (183.70 to 184.70): V

