

Data File : VL038253.D

Acq On : 24 Jan 2022 9:27

Operator : SY/AP

Sample : VSTDICCC010

Misc : 400mL/MSVOA_L

ALS Vial : 1 Sample Multiplier: 1

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Quant Time: Jan 24 11:09:24 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL012422AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Dec 21 17:47:08 2021

QLast Update : Tue Dec 21 17:47:08 2021

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	779421	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2240938	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	2516741	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	1601445	8.26	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	82.60%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.06	85	1711266	11.652	ppbv	96
3) Chlorodifluoromethane	3.00	51	1486894	9.079	ppbv	99
4) Chloromethane	3.15	50	509250	8.967	ppbv	98
5) Vinyl Chloride	3.27	62	509632	8.928	ppbv	98
6) Bromomethane	3.48	94	287471	9.883	ppbv	95
7) Chloroethane	3.57	64	178703	9.297	ppbv	95
8) Dichlorotetrafluoroethane	3.20	85	1225998	8.796	ppbv	94
9) Propene	3.02	41	503664	8.857	ppbv	99
10) Heptane	8.12	43	1280718	8.878	ppbv	99
11) Trichlorofluoromethane	3.96	101	1274546	9.449	ppbv	98
12) 1,1,2-Trichlorotrifluoroet	4.49	101	943675	9.263	ppbv	95
13) Ethanol	3.62	45	10162	1.054	ppbv #	100
14) Bromoethene	3.75	108	372780	9.184	ppbv	98
15) Acetone	3.85	43	602344	7.700	ppbv	96
16) 1,3-Butadiene	3.34	39	481778	9.041	ppbv	100
17) tert-Butyl alcohol	4.29	59	749116	8.719	ppbv	98
18) 1,1-Dichloroethene	4.30	96	418788	9.386	ppbv	99
19) Isopropyl Alcohol	3.97	45	399746	8.193	ppbv #	39
20) Methylene Chloride	4.35	84	349244	7.908	ppbv	97
21) Allyl Chloride	4.42	41	626339	9.466	ppbv	97
22) trans-1,2-Dichloroethene	4.89	96	432502	9.501	ppbv	96
23) Vinyl Acetate	5.08	43	998635	9.428	ppbv	99
24) 1,1-Dichloroethane	5.02	63	863884	9.120	ppbv	99
25) Ethyl Acetate	5.68	43	1809322	8.537	ppbv	100
26) Hexane	5.69	57	838693	7.888	ppbv	95
27) Carbon Disulfide	4.56	76	1110884	11.869	ppbv	99
28) Methyl tert-Butyl Ether	5.04	73	920700	8.617	ppbv	99
29) Chloroform	5.76	83	1396895	8.853	ppbv	99
30) Cyclohexane	7.13	84	778617	8.268	ppbv	91
31) cis-1,2-Dichloroethene	5.55	61	661398	7.932	ppbv	95
32) 1,1,1-Trichloroethane	6.52	97	1429142	9.129	ppbv	97
34) 2-Butanone	5.25	43	657919	9.768	ppbv	99
35) Carbon Tetrachloride	7.02	117	1510374	10.919	ppbv	99
36) Benzene	6.90	78	1896477	9.073	ppbv	99
37) 1,2-Dichloroethane	6.31	62	1110384	10.587	ppbv	96
38) Trichloroethene	7.84	130	681274	8.564	ppbv	98
39) 1,2-Dichloropropane	7.62	63	766129	9.523	ppbv	96
40) 1,4-Dioxane	7.84	88	168710	7.209	ppbv	76
41) Tetrahydrofuran	6.06	42	467113	9.468	ppbv	98
42) Bromodichloromethane	7.79	83	1610895	10.794	ppbv	99
43) Methyl Methacrylate	8.01	69	716832	9.965	ppbv	95

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QLast Update : Tue Dec 21 17:47:08 2021

Response via : Initial Calibration

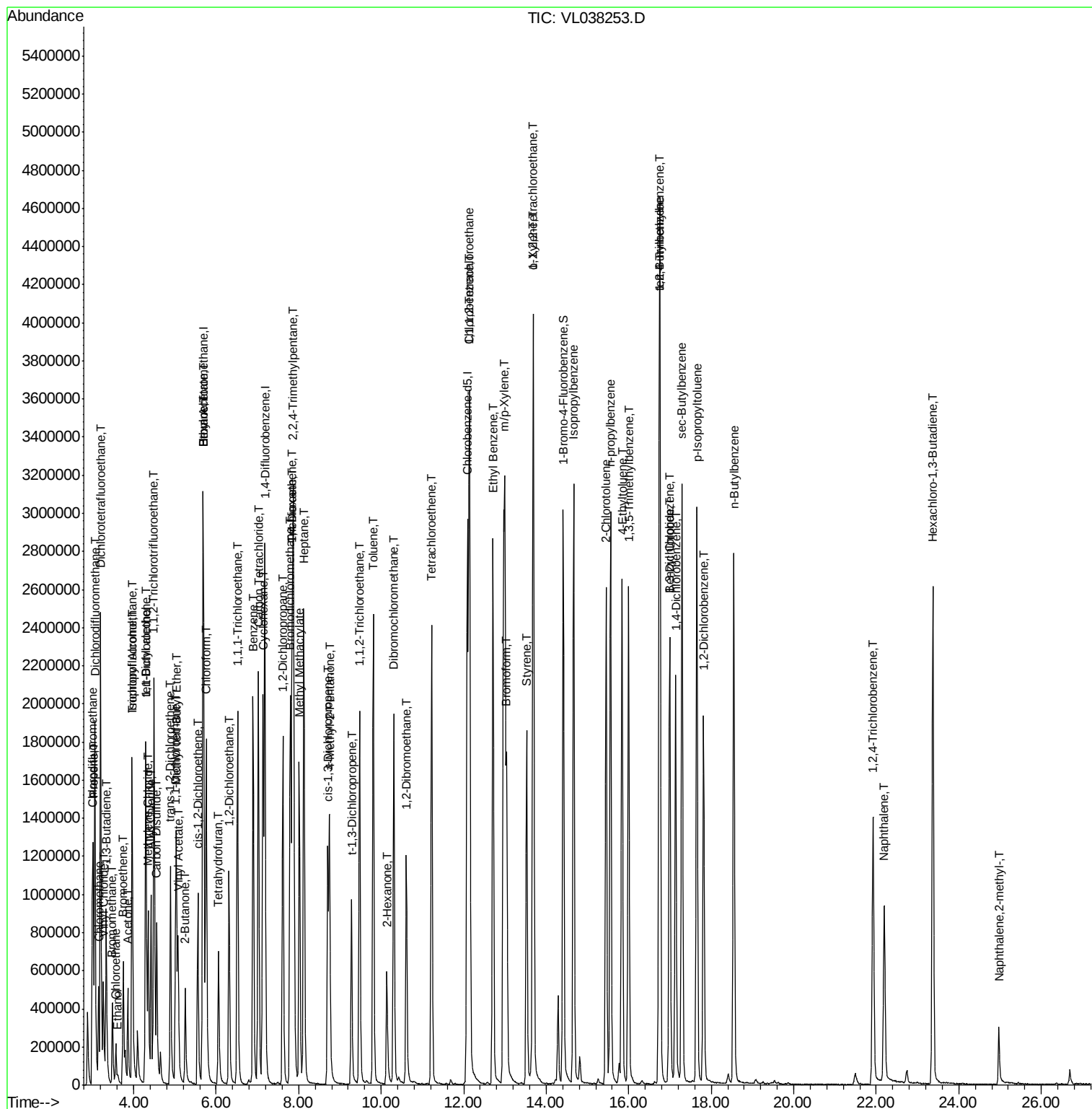
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.87	57	3212767	9.048	ppbv	98
45) t-1,3-Dichloropropene	9.28	75	649497	12.200	ppbv	100
46) cis-1,3-Dichloropropene	8.70	75	802765	10.893	ppbv	96
47) 1,1,2-Trichloroethane	9.48	97	748729	8.967	ppbv	96
48) Dibromochloromethane	10.31	129	1307968	11.140	ppbv	98
49) Bromoform	13.04	173	958753	11.493	ppbv	98
50) 4-Methyl-2-Pentanone	8.74	43	1291051	10.542	ppbv	97
51) 2-Hexanone	10.14	43	589222	10.052	ppbv #	93
52) Tetrachloroethene	11.22	164	615214	7.974	ppbv	96
53) Toluene	9.81	91	2135114	8.852	ppbv	97
54) 1,2-Dibromoethane	10.61	107	1090946	9.211	ppbv	97
56) 1,1,1,2-Tetrachloroethane	12.13	131	821419	7.847	ppbv #	57
57) Chlorobenzene	12.15	112	1484943	6.803	ppbv	94
58) Ethyl Benzene	12.71	91	2796827	7.161	ppbv	98
59) m/p-Xylene	13.00	91	2620664	7.849	ppbv #	52
60) o-Xylene	13.69	91	2181915	7.049	ppbv	96
61) Styrene	13.53	104	1142112	7.284	ppbv	97
62) Isopropylbenzene	14.67	105	2884088	6.636	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.68	83	1475430	6.198	ppbv	100
64) n-propylbenzene	15.56	120	721811	6.680	ppbv	96
65) tert-Butylbenzene	16.74	119	2331794	6.095	ppbv	96
66) Benzyl Chloride	16.99	91	62709	4.398	ppbv #	70
67) sec-Butylbenzene	17.29	105	3247088	6.177	ppbv	99
69) p-Isopropyltoluene	17.65	119	2546943	6.025	ppbv	99
70) n-Butylbenzene	18.55	91	2503813	6.229	ppbv	98
71) 2-Chlorotoluene	15.45	91	2163140	6.687	ppbv	97
72) 4-Ethyltoluene	15.84	105	2355899	6.609	ppbv	98
73) 1,3,5-Trimethylbenzene	16.00	105	2071128	6.492	ppbv	99
74) 1,2,4-Trimethylbenzene	16.76	105	2116414	6.316	ppbv	96
75) 1,3-Dichlorobenzene	17.00	146	1139116	6.294	ppbv	99
76) 1,4-Dichlorobenzene	17.14	146	1116182	6.216	ppbv	98
77) 1,2-Dichlorobenzene	17.82	146	1031063	5.950	ppbv	99
78) Hexachloro-1,3-Butadiene	23.37	225	673894	6.302	ppbv	99
79) Naphthalene	22.20	128	1285543	7.427	ppbv	98
80) Naphthalene,2-methyl-	24.97	142	204371	5.951	ppbv	95
81) 1,2,4-Trichlorobenzene	21.93	180	680281	6.873	ppbv	99

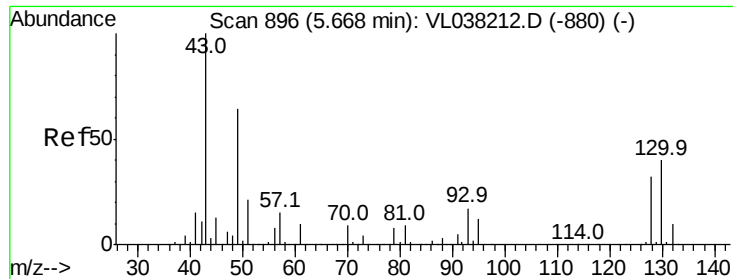
(#)=qualifier out of range (m)=manual integration (+)=signals summed

ALS Vial : 1 Sample Multiplier: 1

VSTDICCC010

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 Instrument: MSVOA_1

Delta R.T. 0.00

Lab File: ClientSampleId: VSTDICCC010

Acq: 24 Jan 2022 9:27

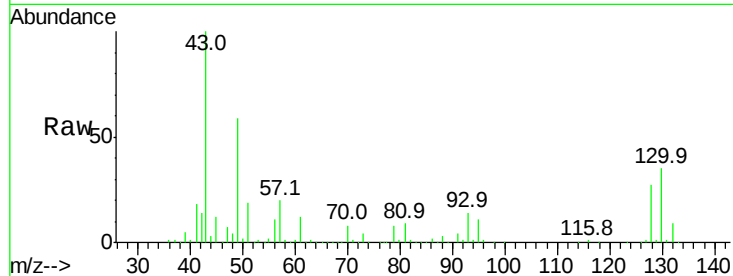
Tgt Ion: 49 Resp: 779421

Ion Ratio Lower Upper

49 100

128 49.0 26.9 80.6

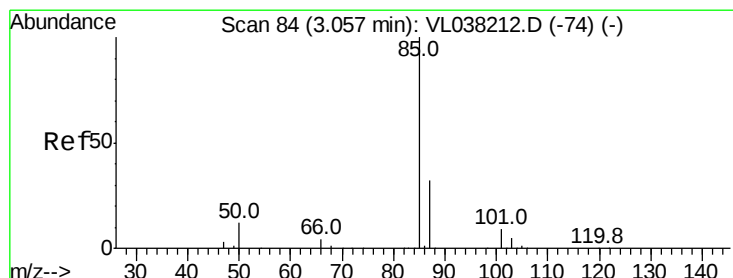
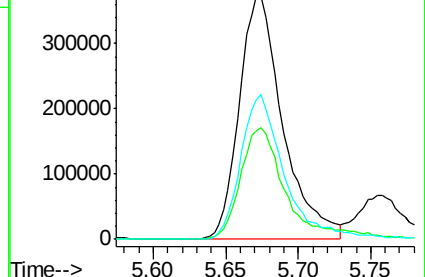
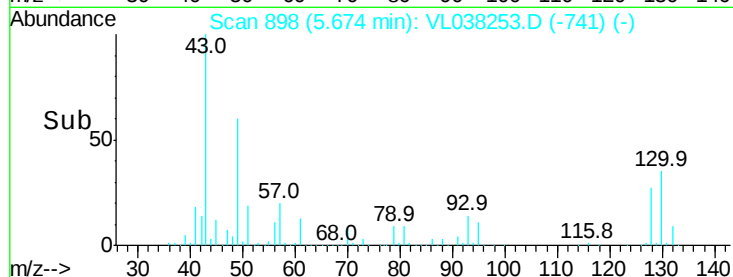
130 60.3 32.3 96.9



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#2

Dichlorodifluoromethane

Concen: 11.652 ppbv

RT: 3.06 min Scan# 85

Delta R.T. 0.00 min

Lab File: VL038253.D

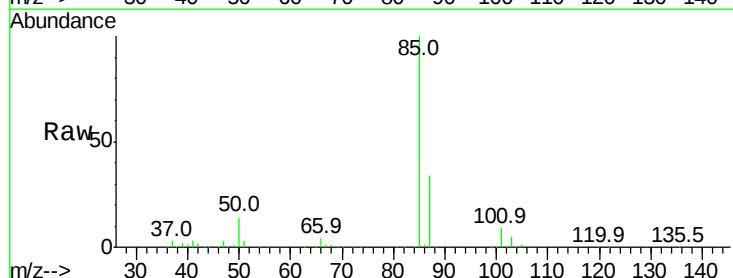
Acq: 24 Jan 2022 9:27

Tgt Ion: 85 Resp: 1711266

Ion Ratio Lower Upper

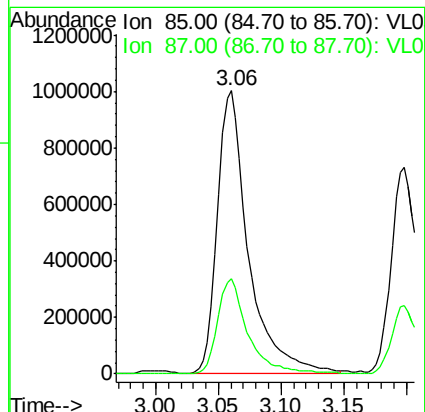
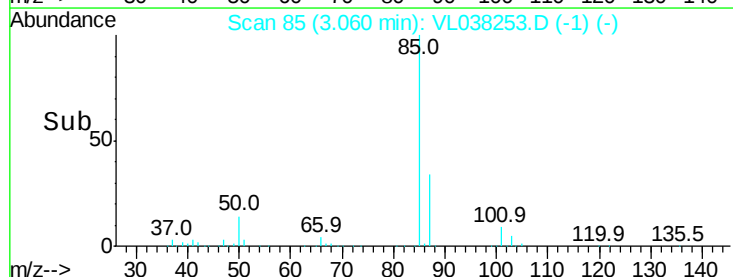
85 100

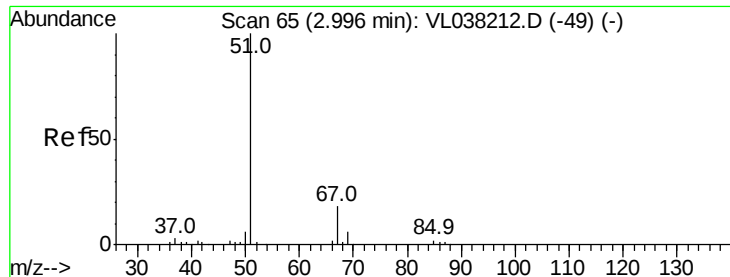
87 33.8 25.4 38.2



Abundance Ion 85.00 (84.70 to 85.70): VL0

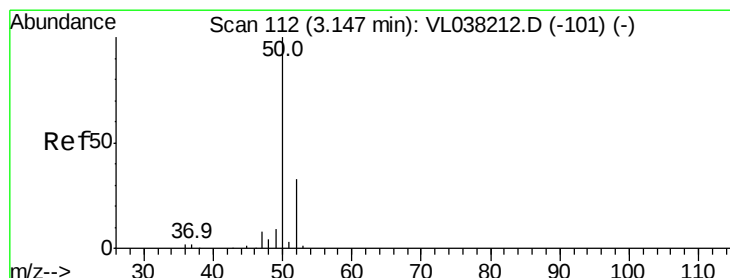
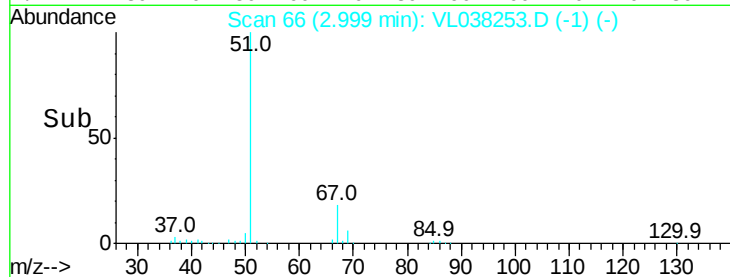
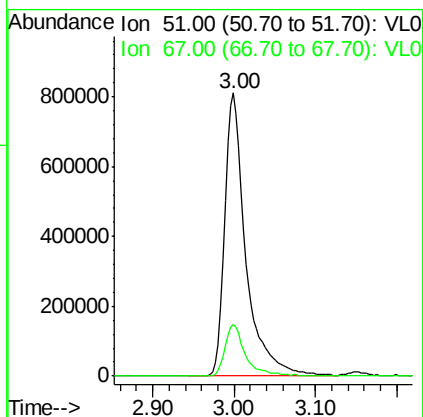
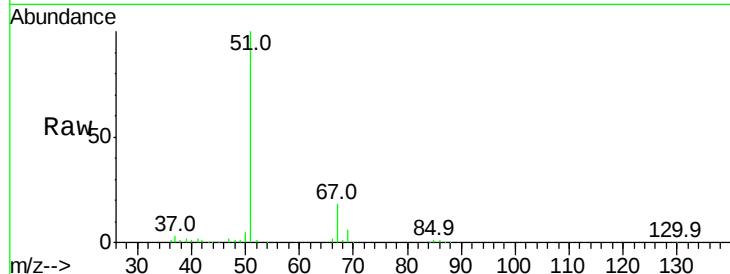
Ion 87.00 (86.70 to 87.70): VL0





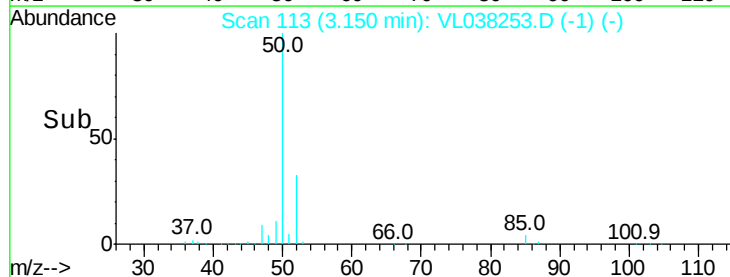
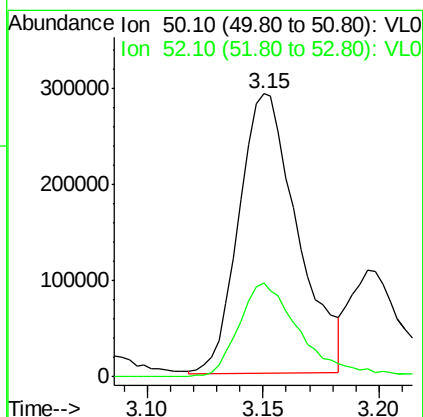
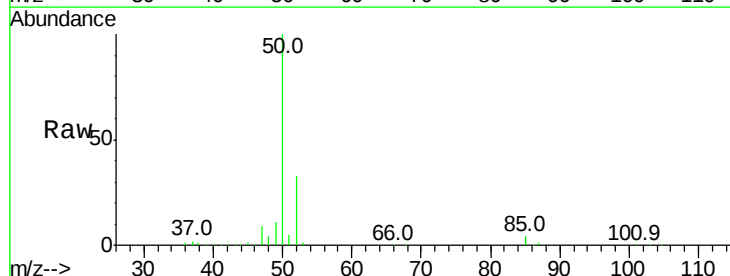
#3
 Chlorodifluoromethane
 Concen: 9.079 ppbv
 RT: 3.00
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDICCC010
 Acq: 24 Jan 2022 9:27

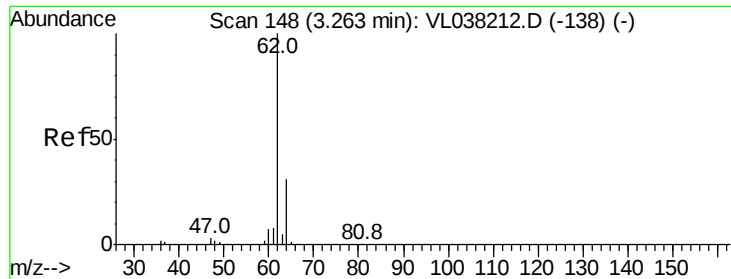
Tgt Ion: 51 Resp: 1486894
 Ion Ratio Lower Upper
 51 100
 67 18.0 14.0 21.0



#4
 Chloromethane
 Concen: 8.967 ppbv
 RT: 3.15 min Scan# 113
 Delta R.T. 0.00 min
 Lab File: VL038253.D
 Acq: 24 Jan 2022 9:27

Tgt Ion: 50 Resp: 509250
 Ion Ratio Lower Upper
 50 100
 52 33.9 26.2 39.2





#5

Vinyl Chloride

Concen: 8.928 ppbv

RT: 3.27 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

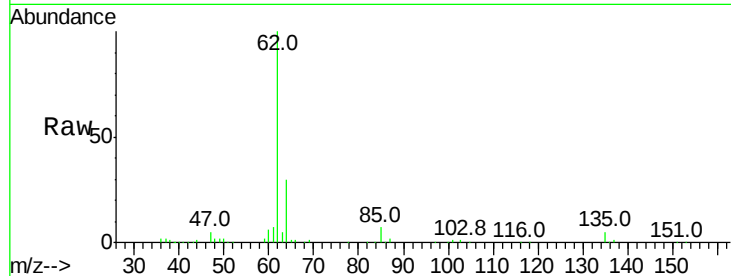
Acq: 24 Jan 2022 VSTDICCC010

Tgt Ion: 62 Resp: 509632

Ion Ratio Lower Upper

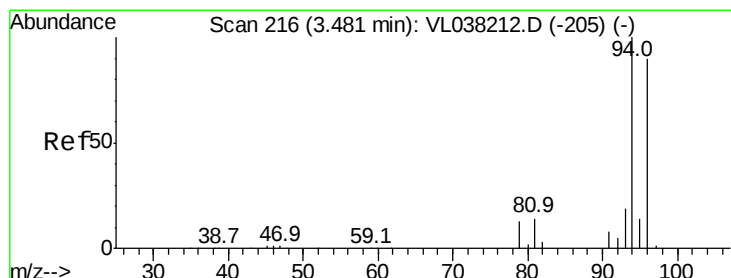
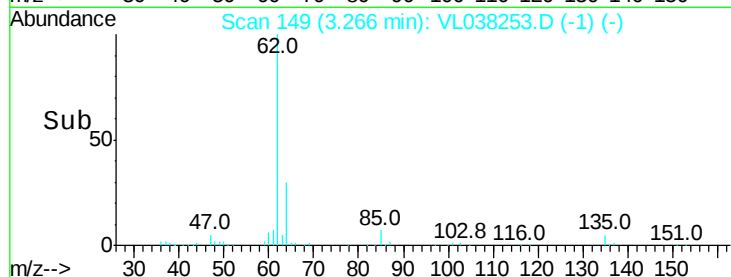
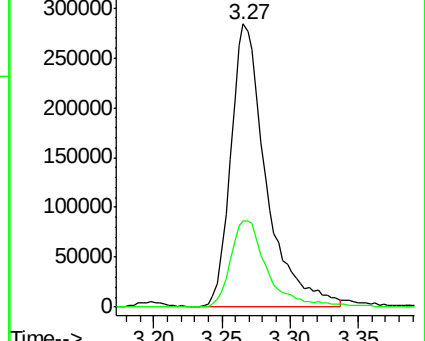
62 100

64 30.5 25.1 37.7



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0



#6

Bromomethane

Concen: 9.883 ppbv

RT: 3.48 min Scan# 216

Delta R.T. -0.00 min

Lab File: VL038253.D

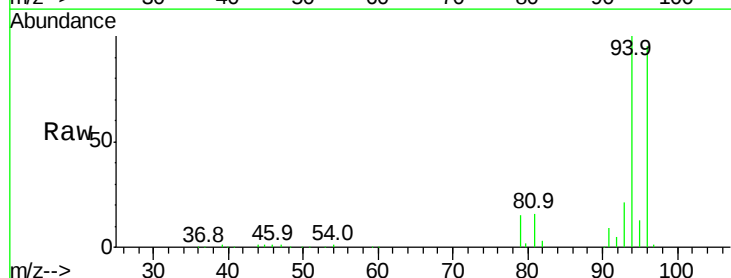
Acq: 24 Jan 2022 9:27

Tgt Ion: 94 Resp: 287471

Ion Ratio Lower Upper

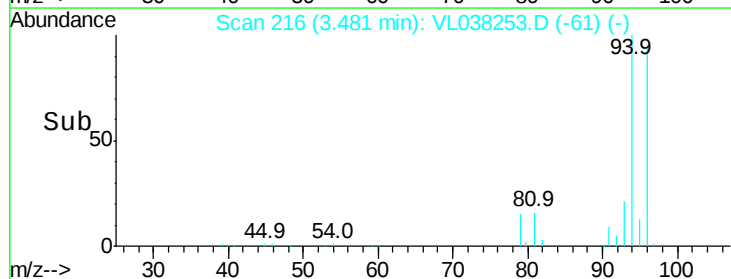
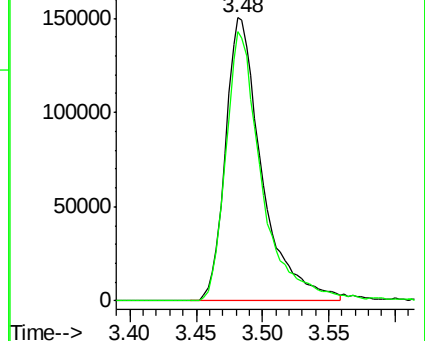
94 100

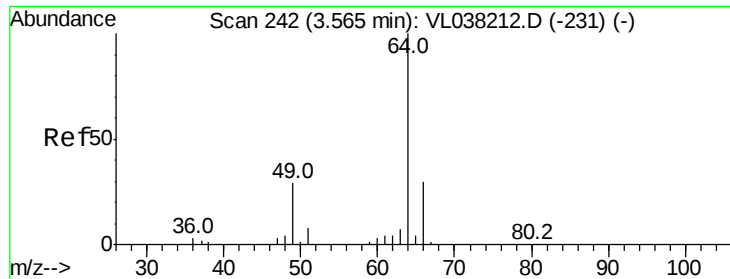
96 95.0 72.2 108.2



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0





#7

Chloroethane

Concen: 9.297 ppbv

RT: 3.57 Instrument: MSVOA_1

Delta R.T. 0.00 min

Lab File: ClientSampleId: VSTDICCC010

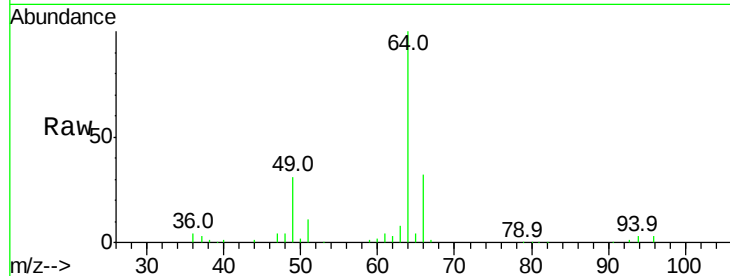
Acq: 24 Jan 2022 9:27

Tgt Ion: 64 Resp: 178703

Ion Ratio Lower Upper

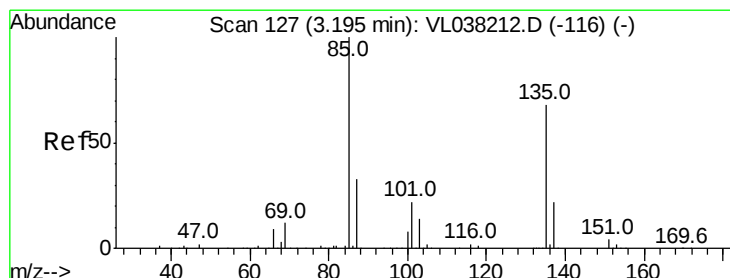
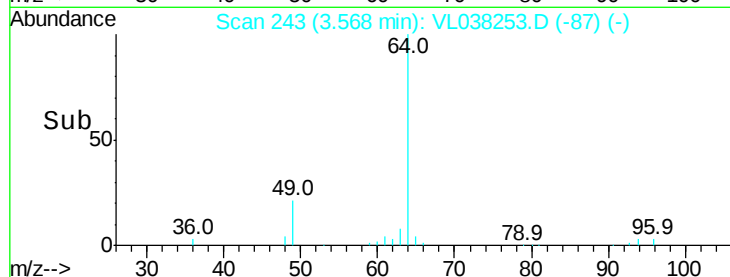
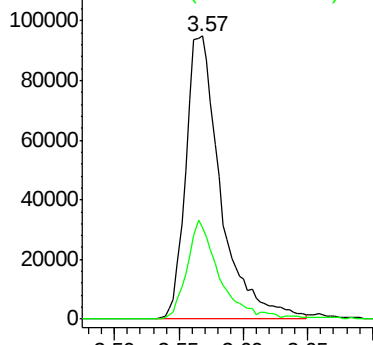
64 100

66 32.2 23.6 35.4



Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0



#8

Dichlorotetrafluoroethane

Concen: 8.796 ppbv

RT: 3.20 min Scan# 128

Delta R.T. 0.00 min

Lab File: VL038253.D

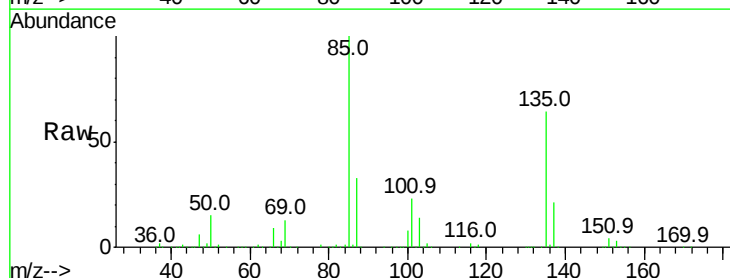
Acq: 24 Jan 2022 9:27

Tgt Ion: 85 Resp: 1225998

Ion Ratio Lower Upper

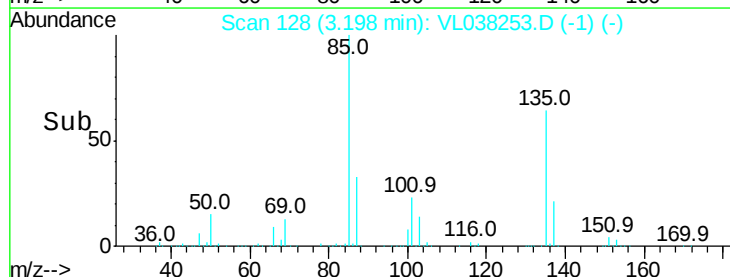
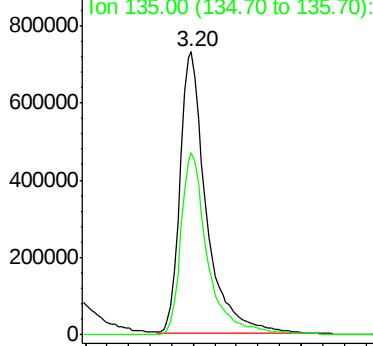
85 100

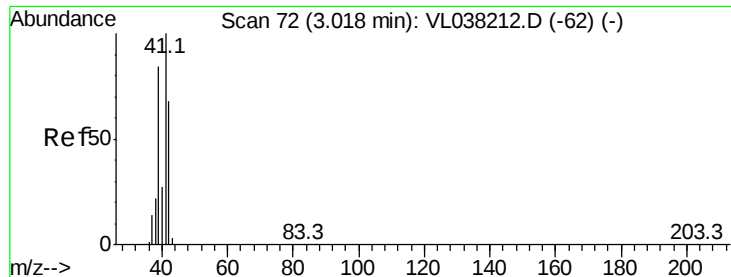
135 67.1 57.7 86.5



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V





#9

Propene

Concen: 8.857 ppbv

RT: 3.02 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

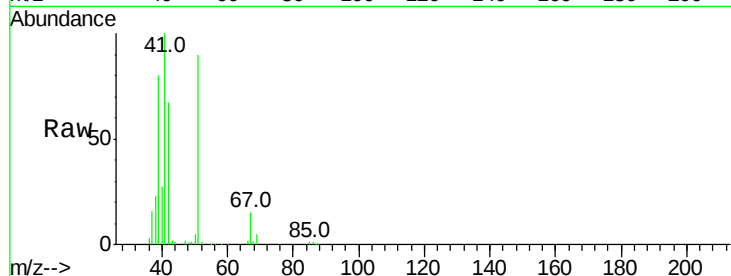
Acq: 24 Jan 2022 9:27 VSTDICCC010

Tgt Ion: 41 Resp: 503664

Ion Ratio Lower Upper

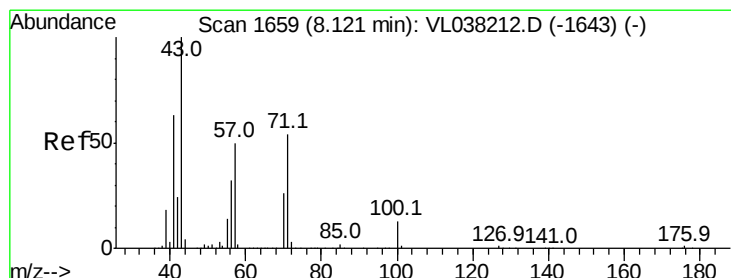
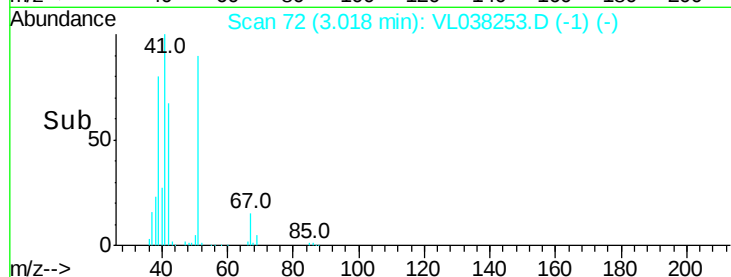
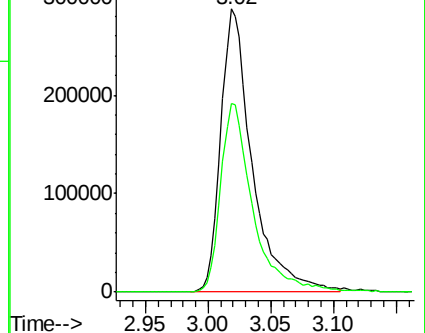
41 100

42 68.6 55.5 83.3



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0



#10

Heptane

Concen: 8.878 ppbv

RT: 8.12 min Scan# 1660

Delta R.T. 0.00 min

Lab File: VL038253.D

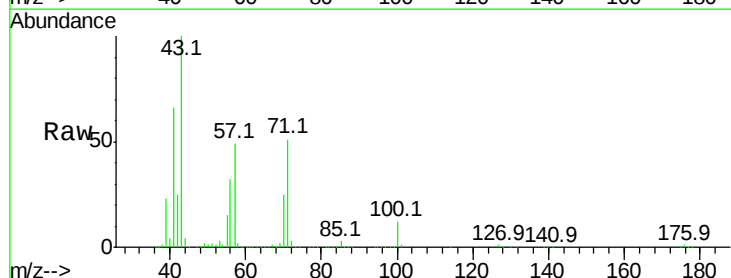
Acq: 24 Jan 2022 9:27

Tgt Ion: 43 Resp: 1280718

Ion Ratio Lower Upper

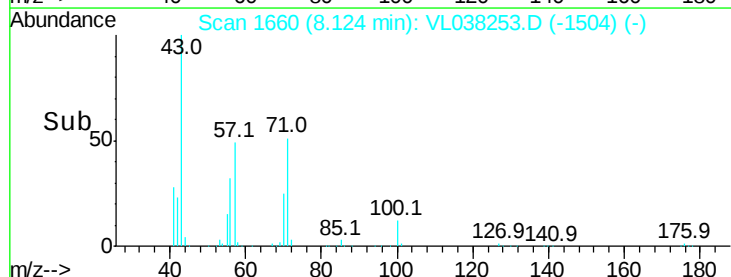
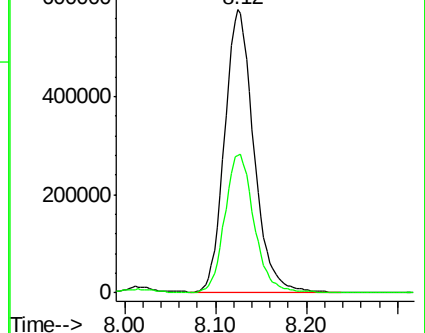
43 100

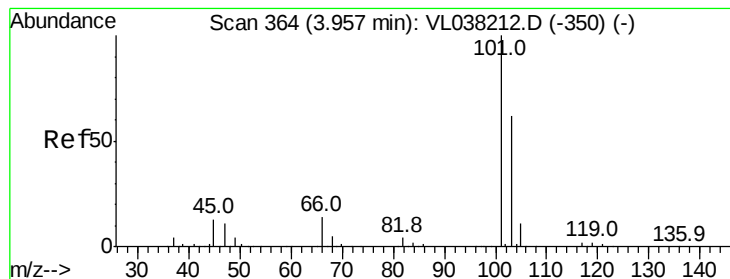
57 49.4 40.3 60.5



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 57.10 (56.80 to 57.80): VL0





#11

Trichlorofluoromethane

Concen: 9.449 ppbv

RT: 3.96 Instrument:

Delta R.T. MSVOA.L

Lab File: ClientSampleId:

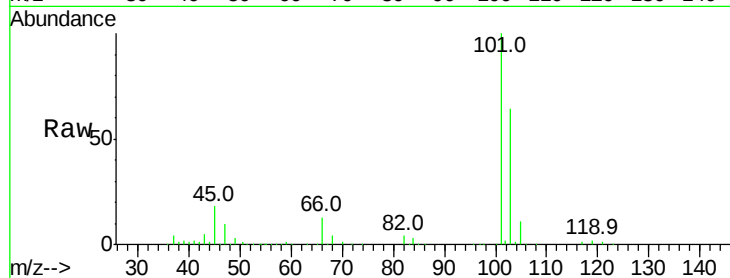
Acq: 24 Jan 2022 9:27 VSTDICCC010

Tgt Ion:101 Resp: 1274546

Ion Ratio Lower Upper

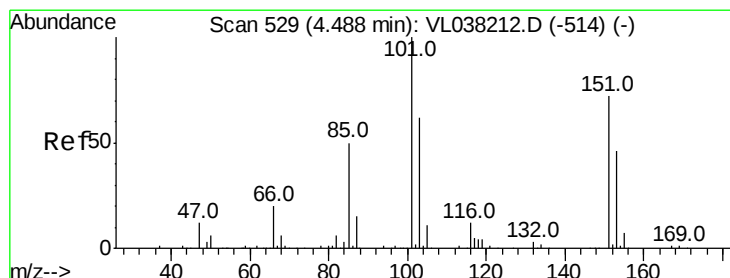
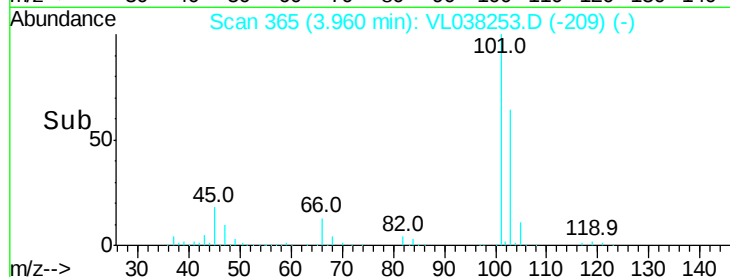
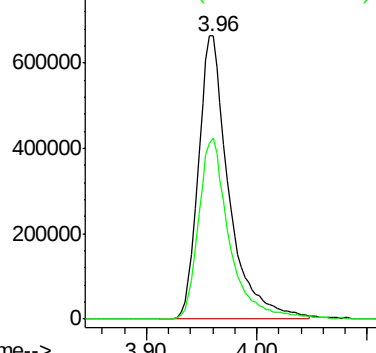
101 100

103 64.0 49.9 74.9



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#12

1,1,2-Trichlorotrifluoroethane

Concen: 9.263 ppbv

RT: 4.49 min Scan# 531

Delta R.T. 0.01 min

Lab File: VL038253.D

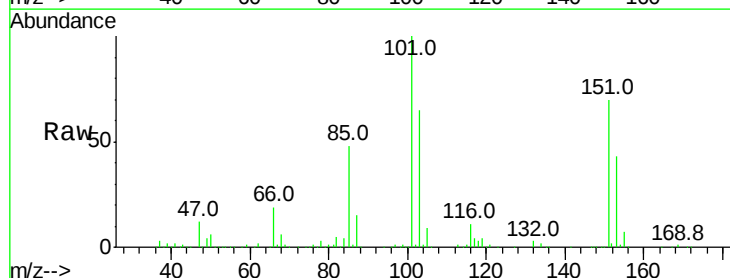
Acq: 24 Jan 2022 9:27

Tgt Ion:101 Resp: 943675

Ion Ratio Lower Upper

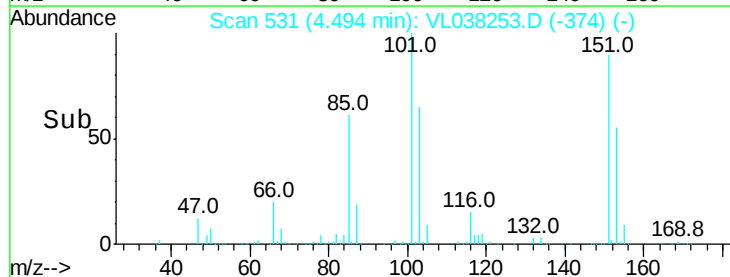
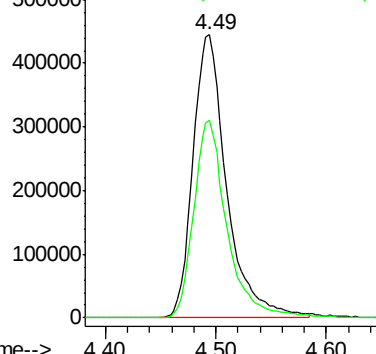
101 100

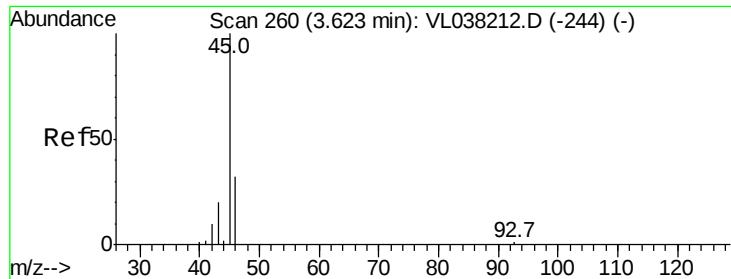
151 69.1 58.6 87.8



Abundance Ion 101.00 (100.70 to 101.70): V

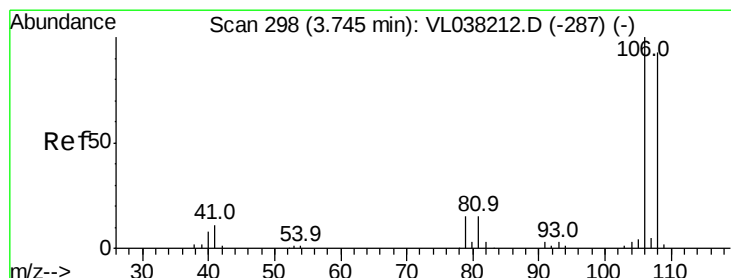
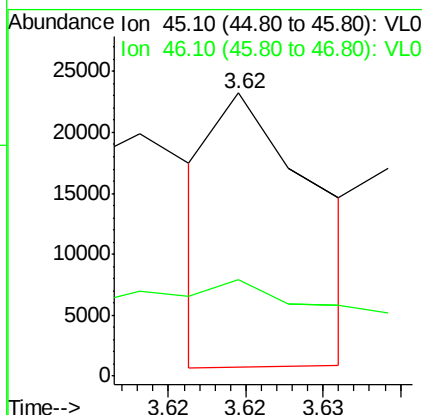
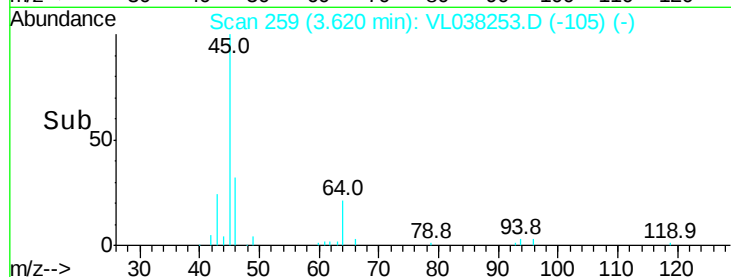
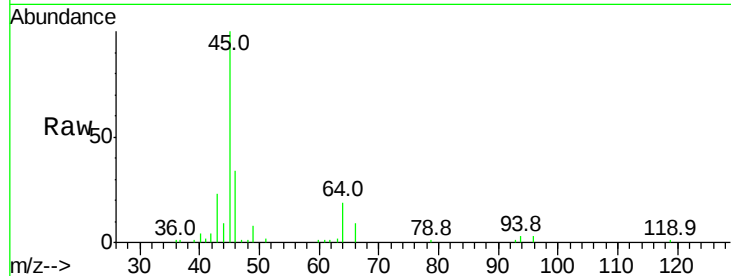
Ion 151.00 (150.70 to 151.70): V





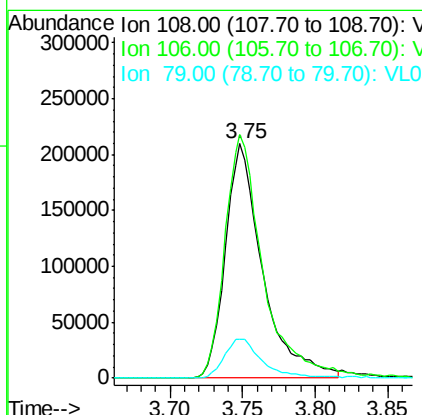
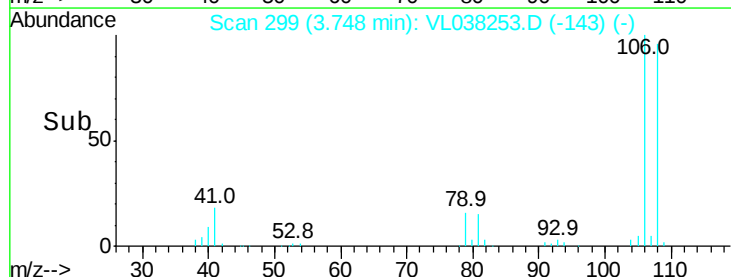
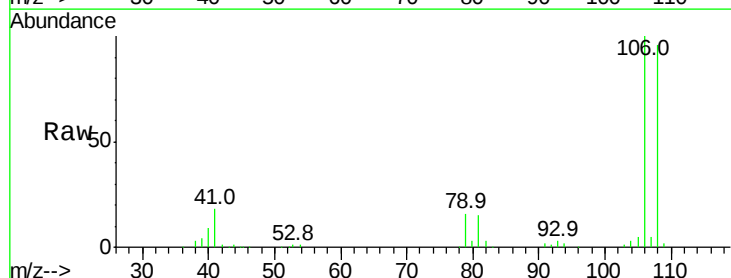
#13
Ethanol
Concen: 1.054 ppbv
RT: 3.62
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VSTDICCC010
Acq: 24 Jan 2022 9:27

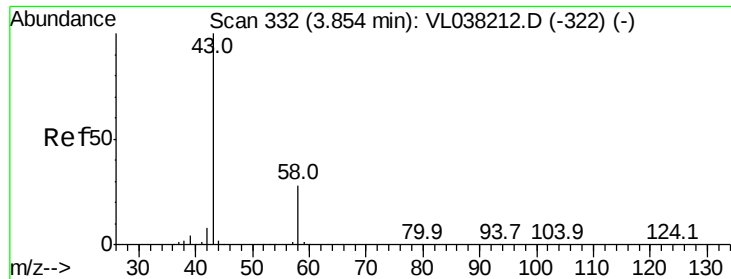
Tgt Ion: 45 Resp: 10162
Ion Ratio Lower Upper
45 100
46 209.8 0.0 0.0#



#14
Bromoethene
Concen: 9.184 ppbv
RT: 3.75 min Scan# 299
Delta R.T. 0.00 min
Lab File: VL038253.D
Acq: 24 Jan 2022 9:27

Tgt Ion: 108 Resp: 372780
Ion Ratio Lower Upper
108 100
106 108.0 88.2 132.2
79 17.6 13.7 20.5





#15

Acetone

Concen: 7.700 ppbv

RT: 3.85 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

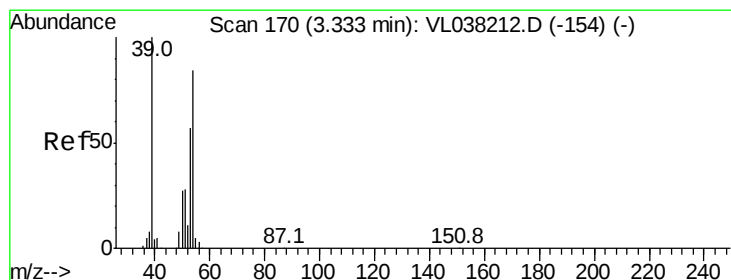
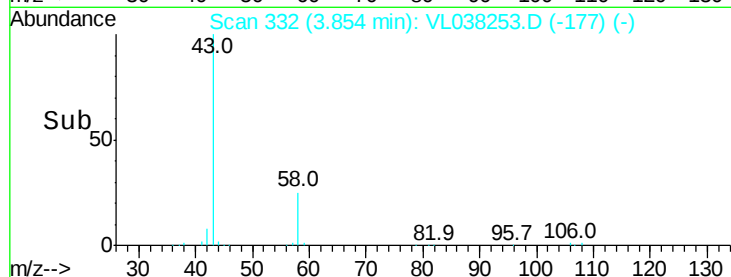
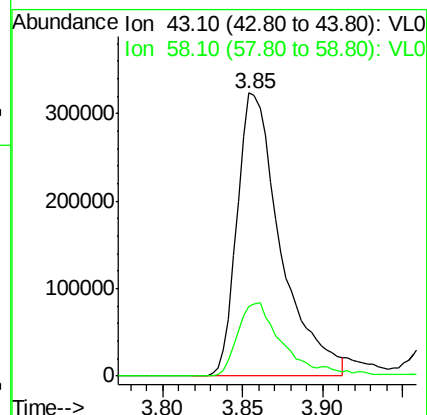
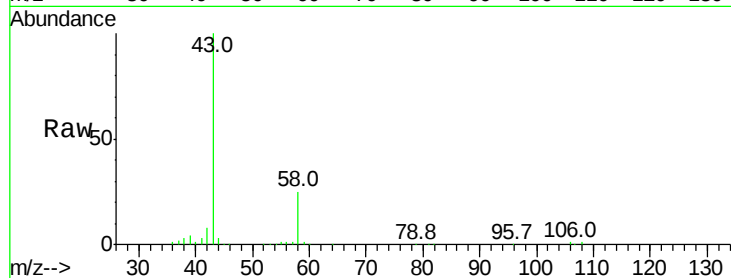
Acq: 24 Jan 2022 9:27 VSTDICCC010

Tgt Ion: 43 Resp: 602344

Ion Ratio Lower Upper

43 100

58 26.9 23.3 34.9



#16

1,3-Butadiene

Concen: 9.041 ppbv

RT: 3.34 min Scan# 171

Delta R.T. 0.00 min

Lab File: VL038253.D

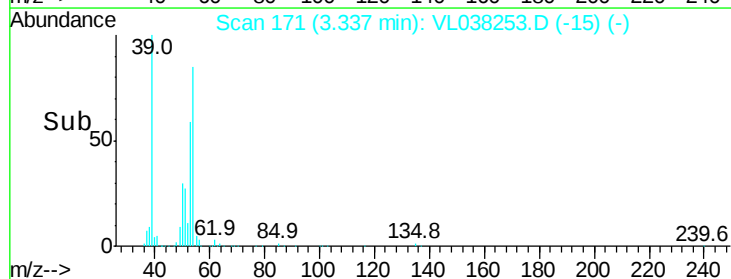
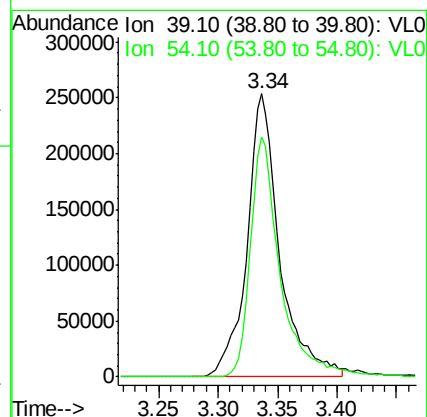
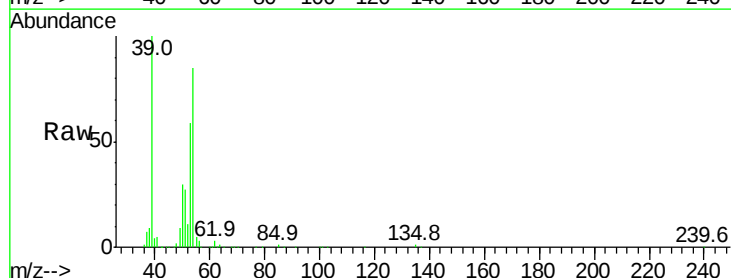
Acq: 24 Jan 2022 9:27

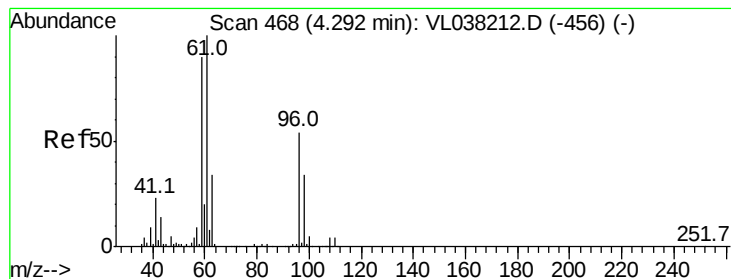
Tgt Ion: 39 Resp: 481778

Ion Ratio Lower Upper

39 100

54 78.3 62.9 94.3





#17

tert-Butyl alcohol

Concen: 8.719 ppbv

RT: 4.29 Instrument: MSVOA_1

Delta R.T. 0.01

Lab File: ClientSampleId: VSTDICCC010

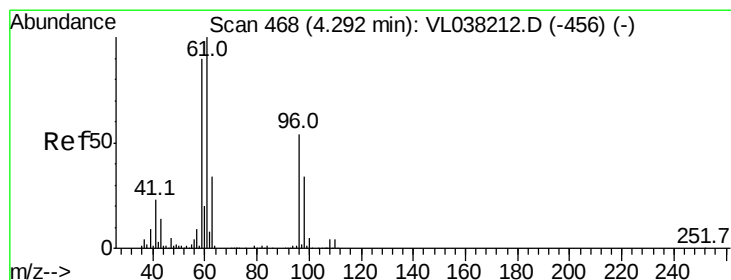
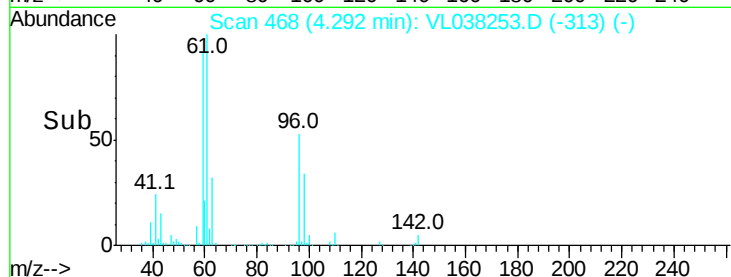
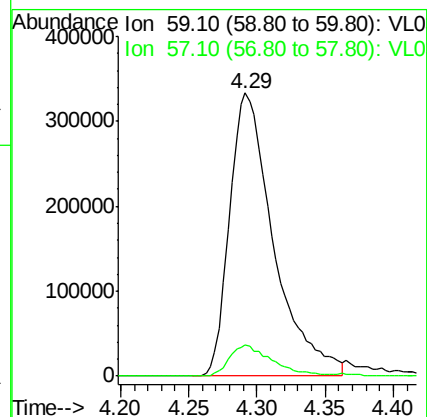
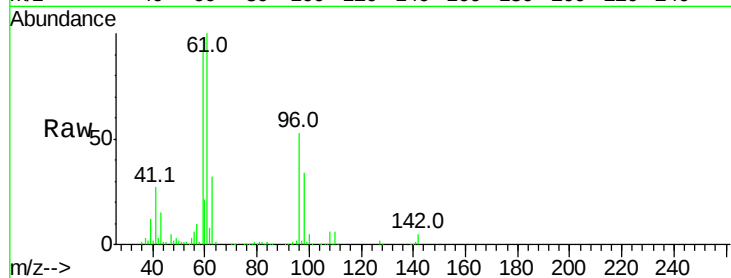
Acq: 24 Jan 2022 9:27

Tgt Ion: 59 Resp: 749116

Ion Ratio Lower Upper

59 100

57 11.5 8.7 13.1



#18

1,1-Dichloroethene

Concen: 9.386 ppbv

RT: 4.30 min Scan# 470

Delta R.T. 0.01 min

Lab File: VL038253.D

Acq: 24 Jan 2022 9:27

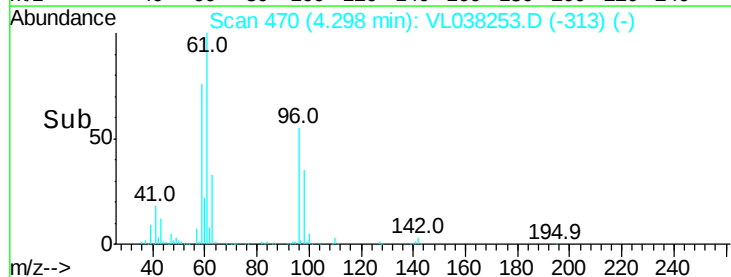
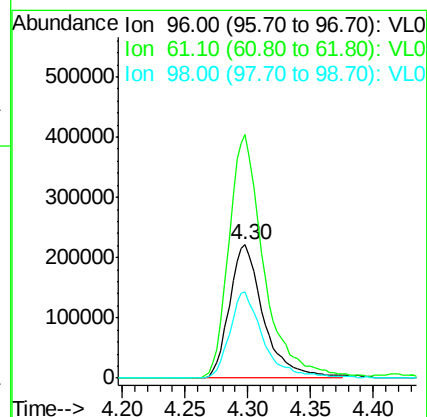
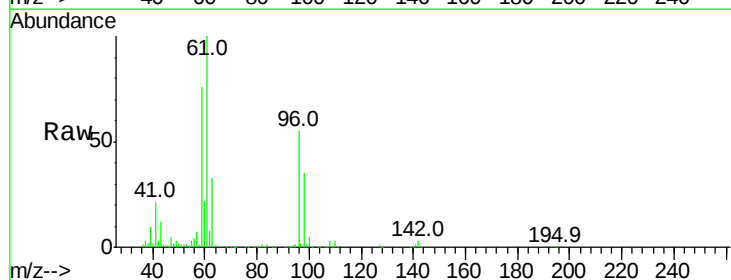
Tgt Ion: 96 Resp: 418788

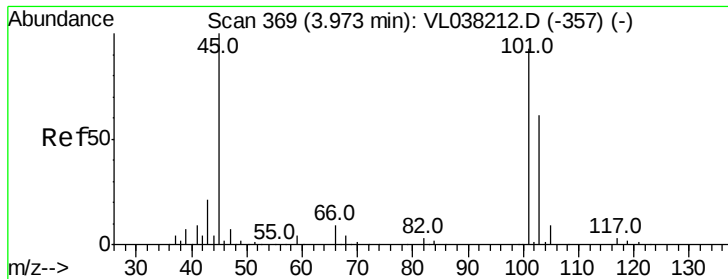
Ion Ratio Lower Upper

96 100

61 183.1 147.4 221.0

98 64.9 50.7 76.1





#19

Isopropyl Alcohol

Concen: 8.193 ppbv

RT: 3.97 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

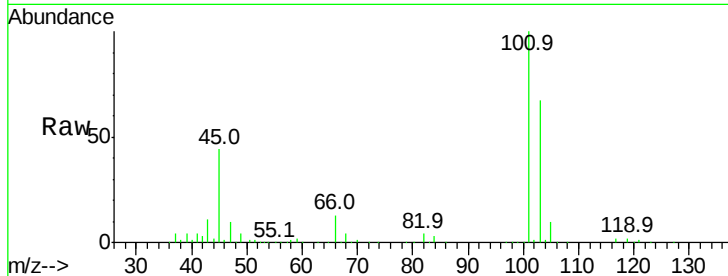
Acq: 24 Jan 2022 9:27 VSTDICCC010

Tgt Ion: 45 Resp: 399746

Ion Ratio Lower Upper

45 100

58 2.9 32.4 48.6#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

3.97

200000

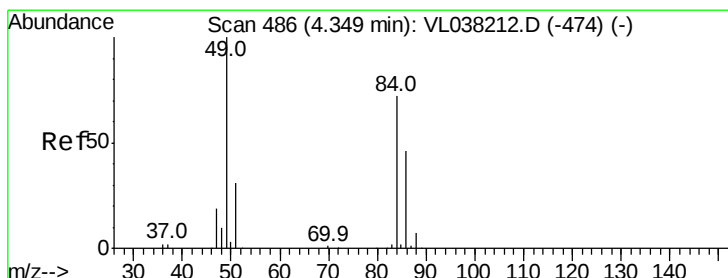
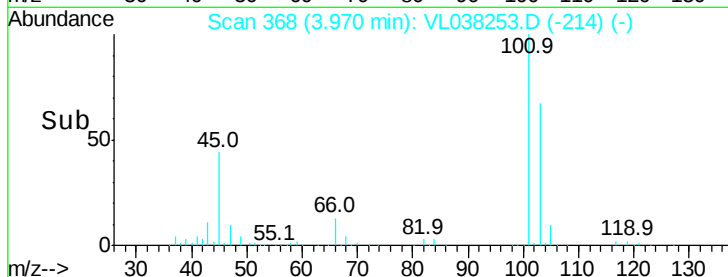
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 7.908 ppbv

RT: 4.35 min Scan# 487

Delta R.T. 0.00 min

Lab File: VL038253.D

Acq: 24 Jan 2022 9:27

Tgt Ion: 84 Resp: 349244

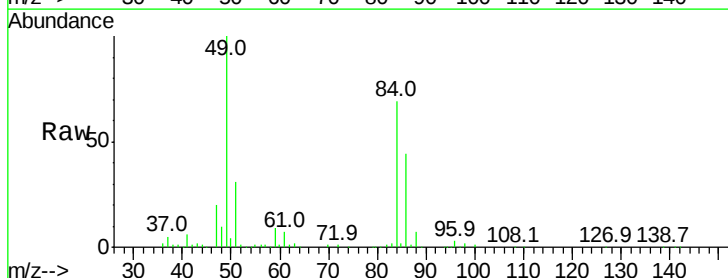
Ion Ratio Lower Upper

84 100

49 143.8 110.6 166.0

51 43.8 34.2 51.2

86 64.2 50.5 75.7



Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0

400000

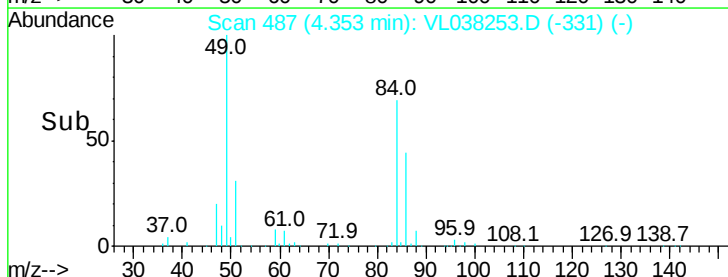
300000

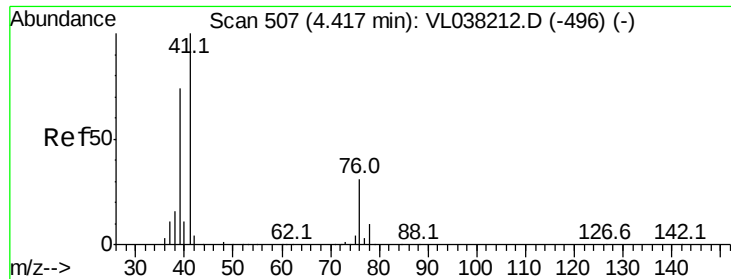
200000

100000

0

Time-->





#21

Allyl Chloride

Concen: 9.466 ppbv

RT: 4.42 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 24 Jan 2022 9:27 VSTDICCC010

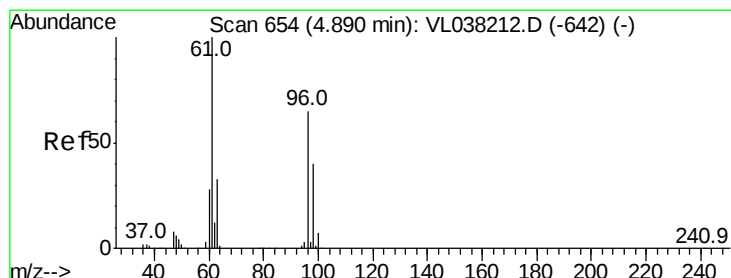
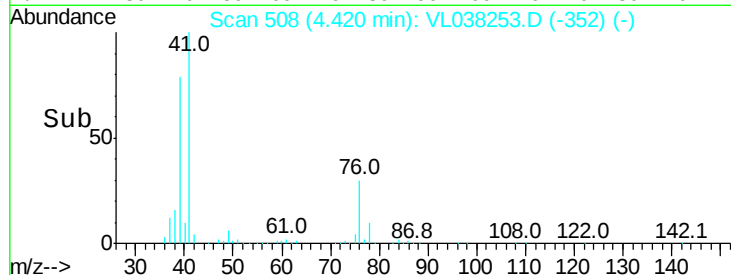
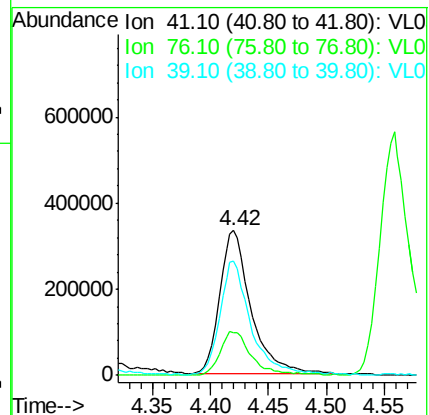
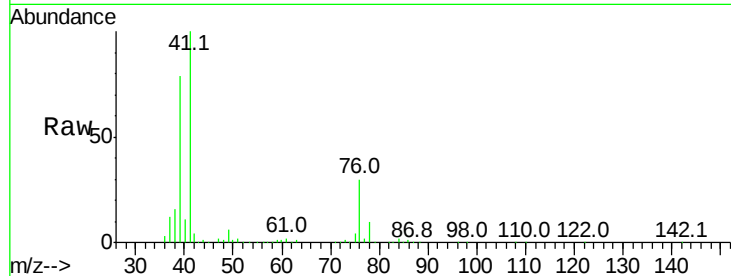
Tgt Ion: 41 Resp: 626339

Ion Ratio Lower Upper

41 100

76 31.3 25.2 37.8

39 78.8 66.1 99.1



#22

trans-1,2-Dichloroethene

Concen: 9.501 ppbv

RT: 4.89 min Scan# 654

Delta R.T. -0.00 min

Lab File: VL038253.D

Acq: 24 Jan 2022 9:27

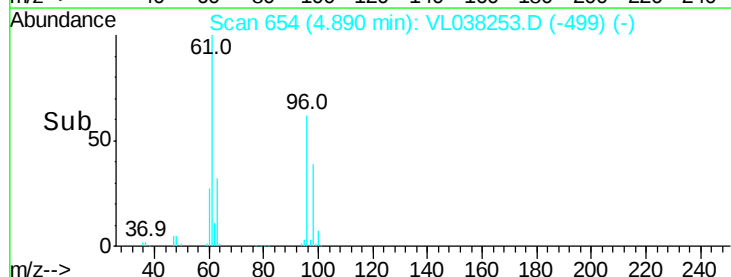
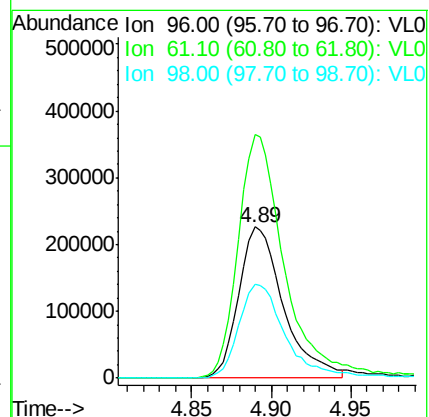
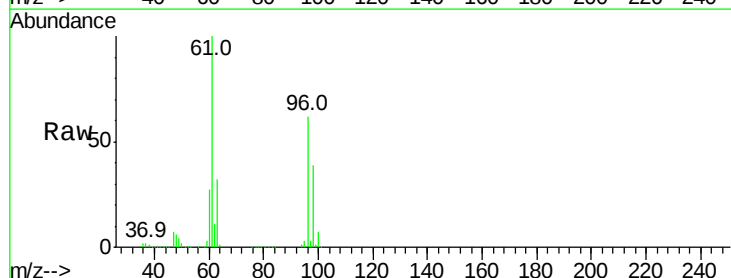
Tgt Ion: 96 Resp: 432502

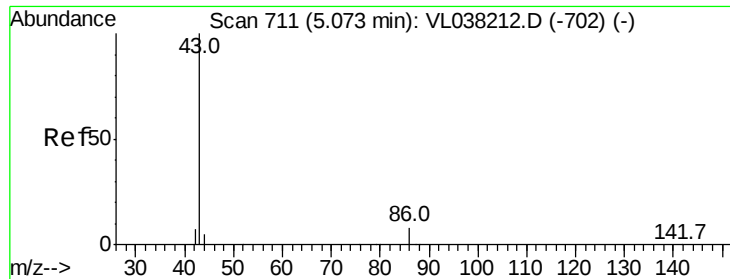
Ion Ratio Lower Upper

96 100

61 161.0 123.5 185.3

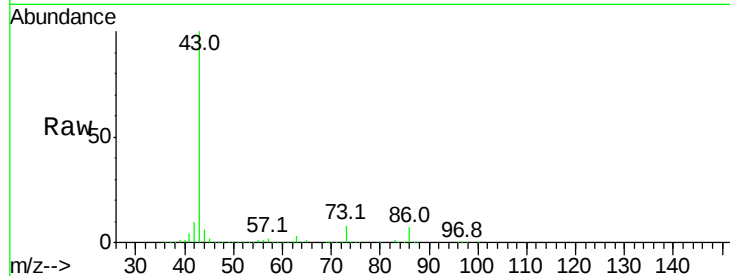
98 62.3 50.0 75.0



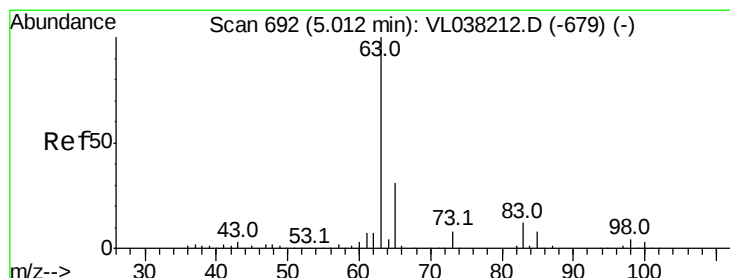
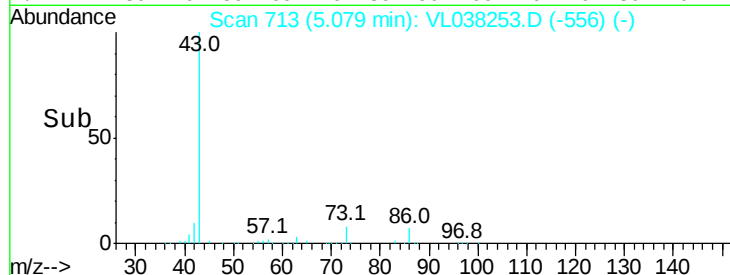
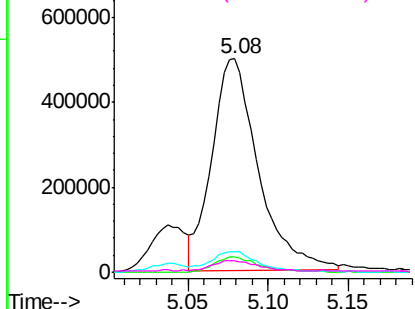


#23
 Vinyl Acetate
 Concen: 9.428 ppbv
 RT: 5.08
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDICCC010
 Acq: 24 Jan 2022 9:27

Tgt Ion:	43	Resp:	998635
Ion	Ratio	Lower	Upper
43	100		
86	7.1	5.6	8.4
42	9.6	7.0	10.4
44	5.3	3.9	5.9

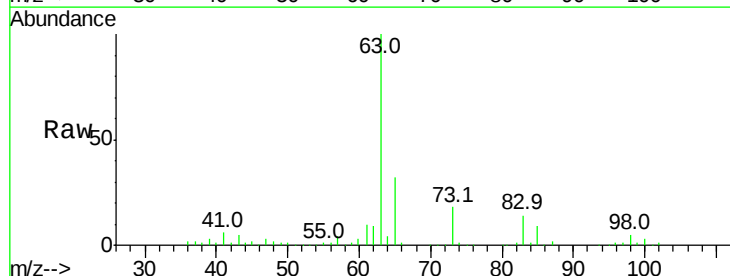


Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 86.10 (85.80 to 86.80): VL0
 Ion 42.10 (41.80 to 42.80): VL0
 Ion 44.10 (43.80 to 44.80): VL0

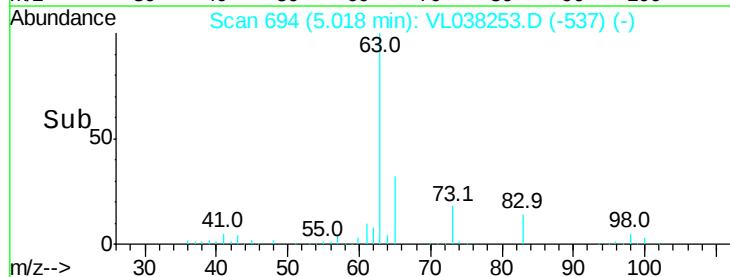
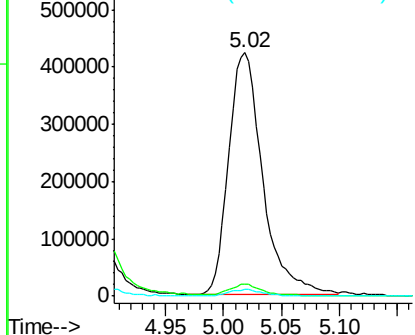


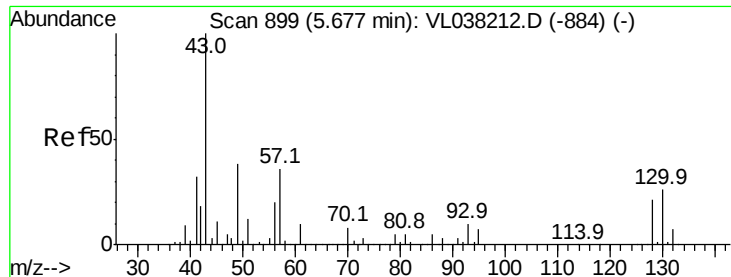
#24
 1,1-Dichloroethane
 Concen: 9.120 ppbv
 RT: 5.02 min Scan# 694
 Delta R.T. 0.01 min
 Lab File: VL038253.D
 Acq: 24 Jan 2022 9:27

Tgt Ion:	63	Resp:	863884
Ion	Ratio	Lower	Upper
63	100		
98	4.5	2.2	6.6
100	2.6	1.5	4.4



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





#25

Ethyl Acetate

Concen: 8.537 ppbv

RT: 5.68

Delta R.T.

Lab File:

Acq: 24 Jan 2022

Instrument : MSVOA_1

ClientSampleId :

VSTDICCC010

Tgt Ion: 43 Resp: 1809322

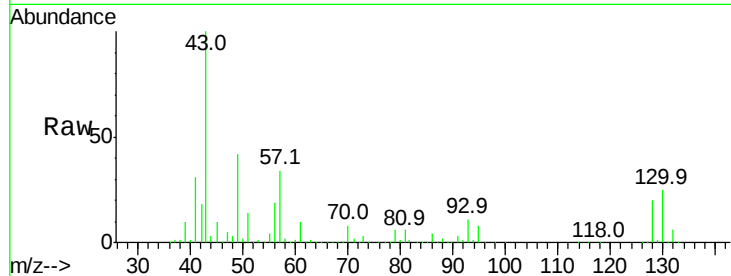
Ion Ratio Lower Upper

43 100

45 9.9 7.9 11.9

61 9.8 8.1 12.1

70 6.7 5.5 8.3

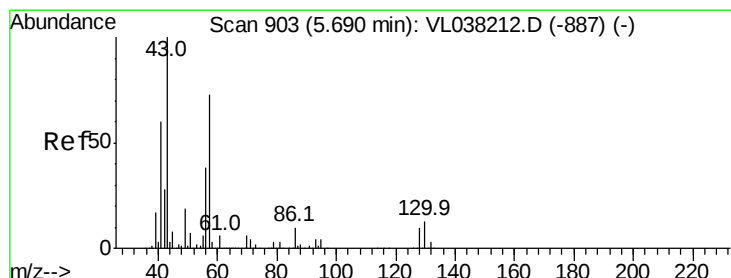
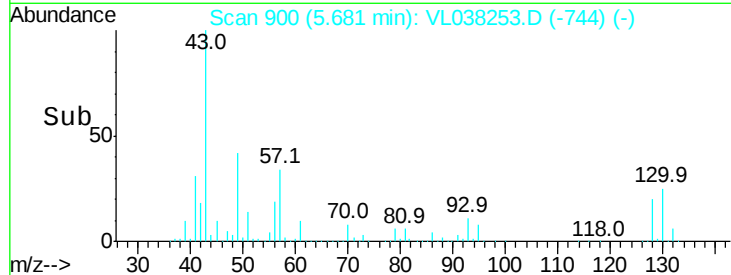
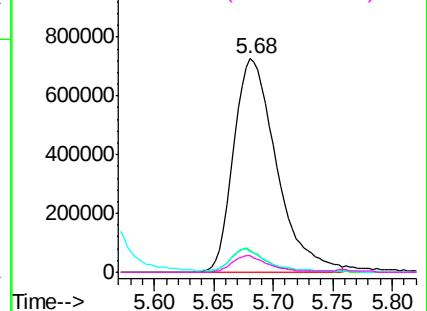


Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 45.10 (44.80 to 45.80): VL0

Ion 61.10 (60.80 to 61.80): VL0

Ion 70.10 (69.80 to 70.80): VL0



#26

Hexane

Concen: 7.888 ppbv

RT: 5.69 min Scan# 903

Delta R.T. -0.00 min

Lab File: VL038253.D

Acq: 24 Jan 2022 9:27

Tgt Ion: 57 Resp: 838693

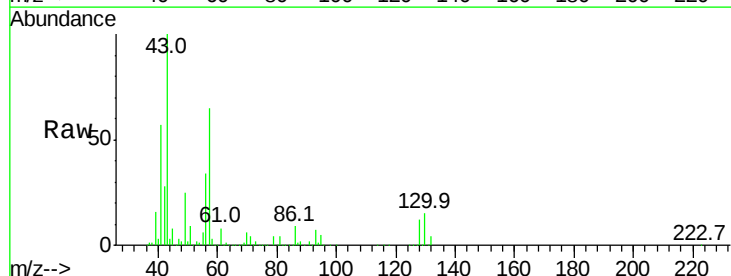
Ion Ratio Lower Upper

57 100

41 91.0 69.0 103.6

43 221.3 171.2 256.8

56 54.1 41.5 62.3

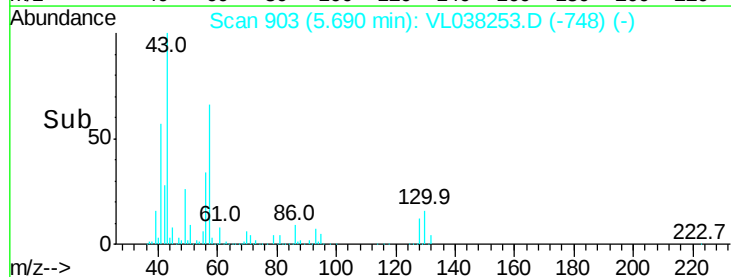
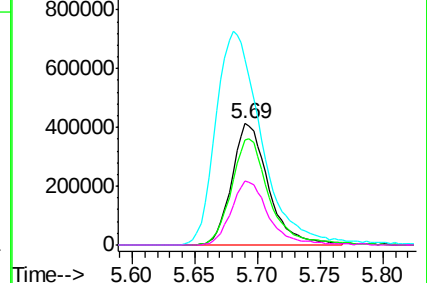


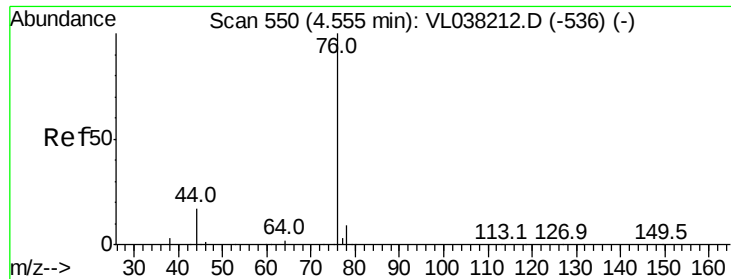
Abundance Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 43.10 (42.80 to 43.80): VL0

Ion 56.10 (55.80 to 56.80): VL0

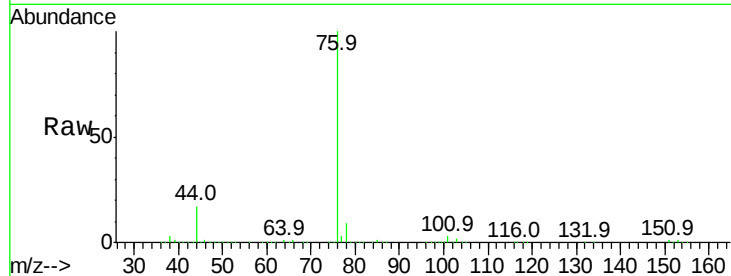




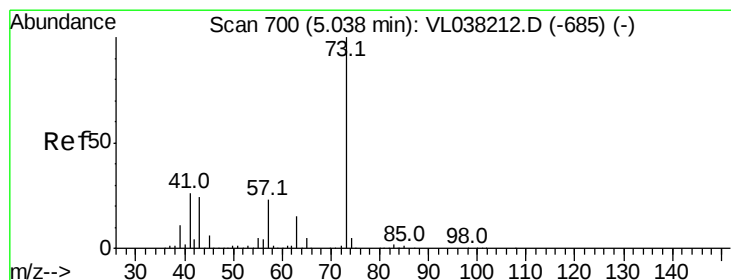
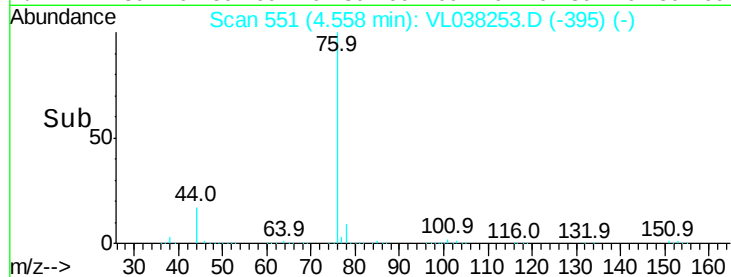
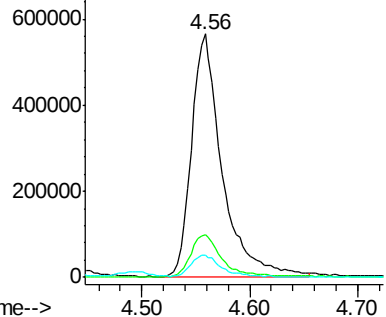
#27
Carbon Disulfide
Concen: 11.869 ppbv
RT: 4.56
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VSTDICCC010
Acq: 24 Jan 2022 9:27

Tgt Ion: 76 Resp: 1110884

Ion	Ratio	Lower	Upper
76	100		
44	18.5	14.2	21.4
78	9.9	7.7	11.5



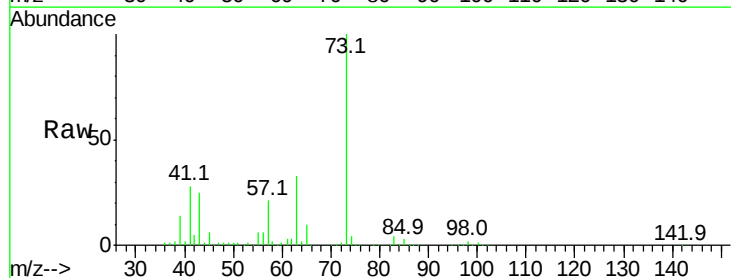
Abundance Ion 76.00 (75.70 to 76.70): VL0
Ion 44.10 (43.80 to 44.80): VL0
Ion 78.00 (77.70 to 78.70): VL0



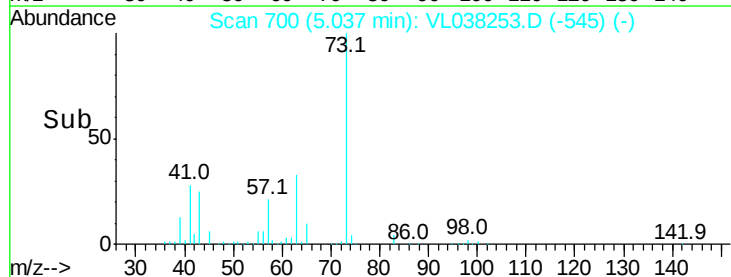
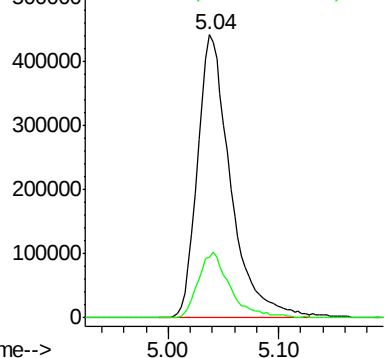
#28
Methyl tert-Butyl Ether
Concen: 8.617 ppbv
RT: 5.04 min Scan# 700
Delta R.T. -0.00 min
Lab File: VL038253.D
Acq: 24 Jan 2022 9:27

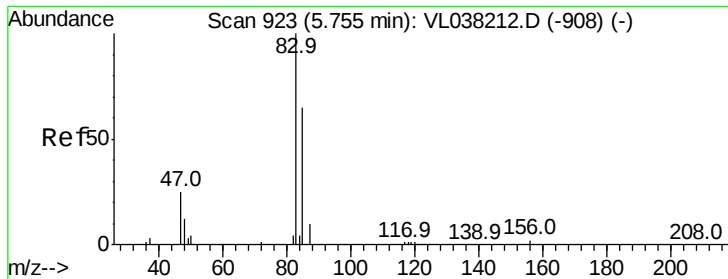
Tgt Ion: 73 Resp: 920700

Ion	Ratio	Lower	Upper
73	100		
57	22.8	18.8	28.2



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





#29

Chloroform

Concen: 8.853 ppbv

RT: 5.76 Instrument: MSVOA_1

Delta R.T. 0.01 min

Lab File: ClientSampleId: VSTDICCC010

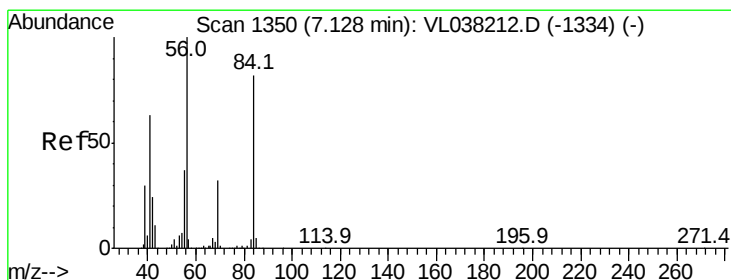
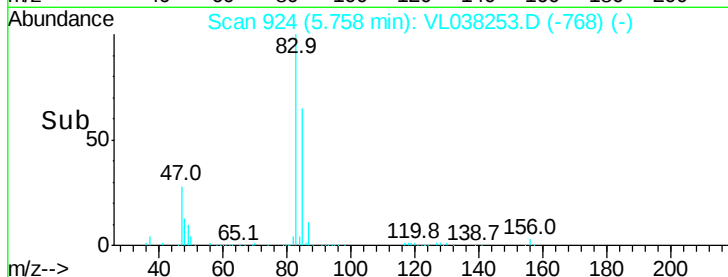
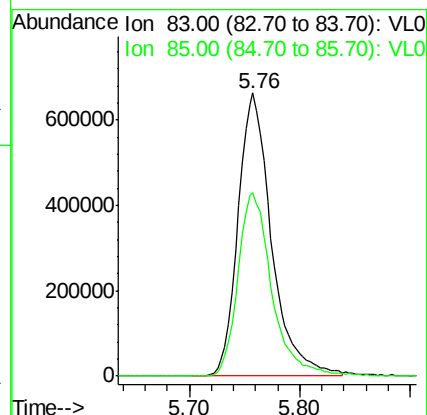
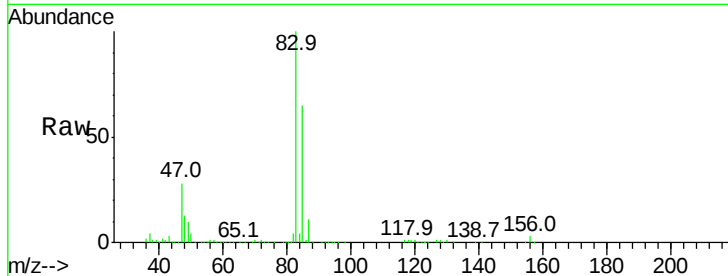
Acq: 24 Jan 2022 9:27

Tgt Ion: 83 Resp: 1396895

Ion Ratio Lower Upper

83 100

85 64.9 52.2 78.4



#30

Cyclohexane

Concen: 8.268 ppbv

RT: 7.13 min Scan# 1352

Delta R.T. 0.01 min

Lab File: VL038253.D

Acq: 24 Jan 2022 9:27

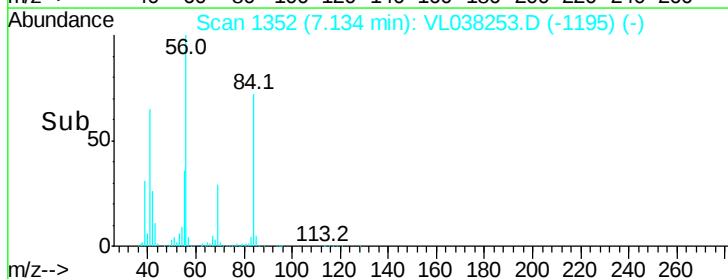
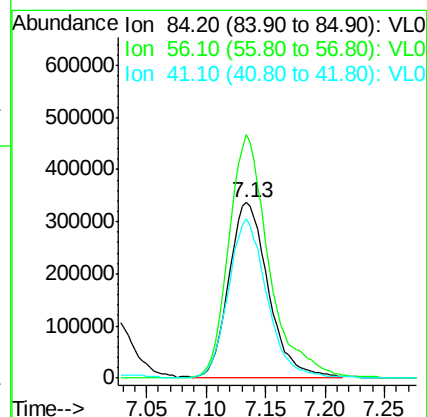
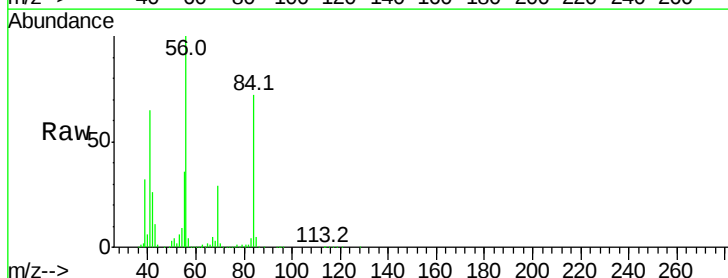
Tgt Ion: 84 Resp: 778617

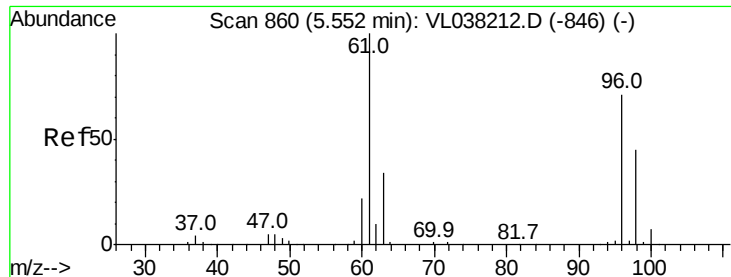
Ion Ratio Lower Upper

84 100

56 140.9 105.2 157.8

41 88.9 63.2 94.8





#31

cis-1,2-Dichloroethene

Concen: 7.932 ppbv

RT: 5.55 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 24 Jan 2022 9:27 VSTDICCC010

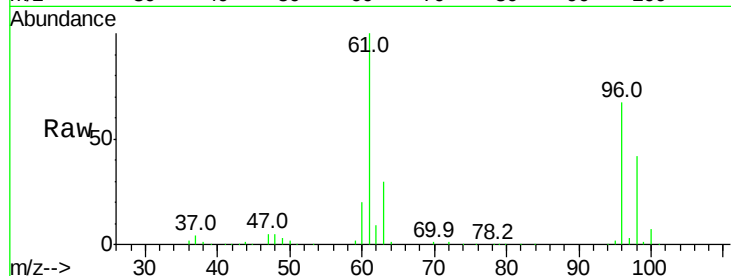
Tgt Ion: 61 Resp: 661398

Ion Ratio Lower Upper

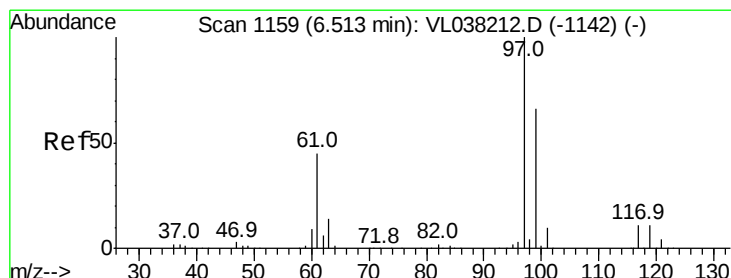
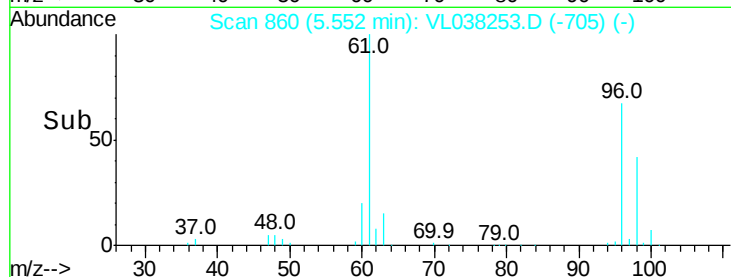
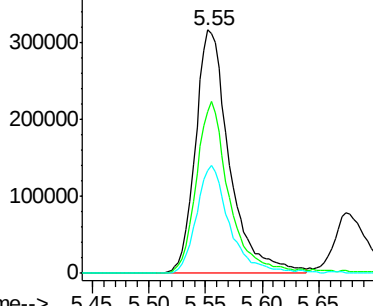
61 100

96 66.6 56.6 84.8

98 42.1 36.3 54.5



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: 9.129 ppbv

RT: 6.52 min Scan# 1160

Delta R.T. 0.00 min

Lab File: VL038253.D

Acq: 24 Jan 2022 9:27

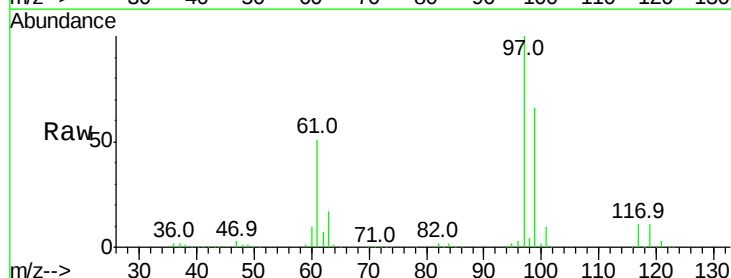
Tgt Ion: 97 Resp: 1429142

Ion Ratio Lower Upper

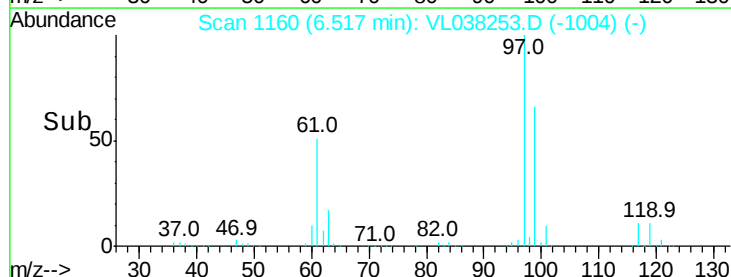
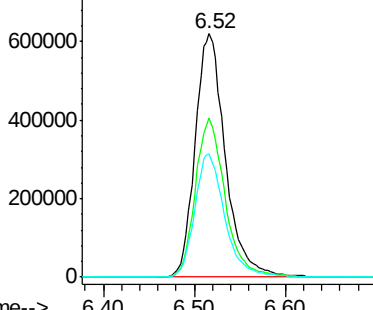
97 100

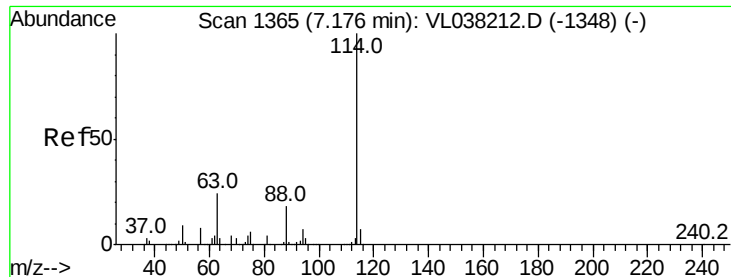
99 64.4 52.4 78.6

61 50.6 37.2 55.8



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

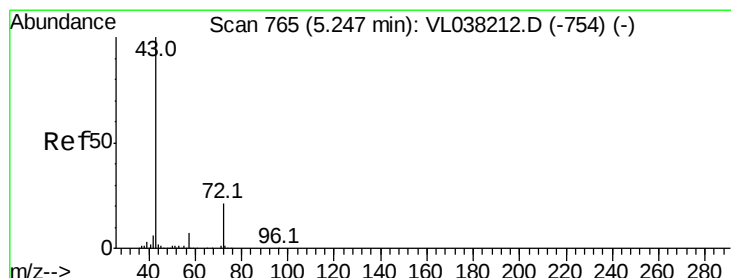
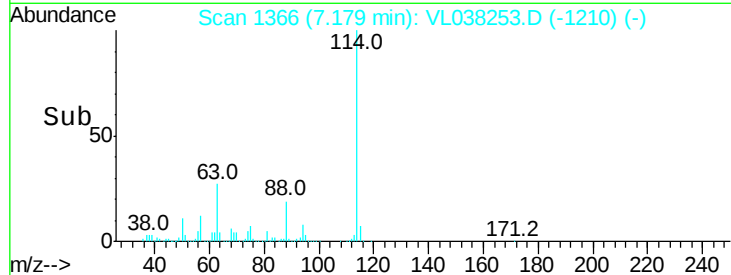
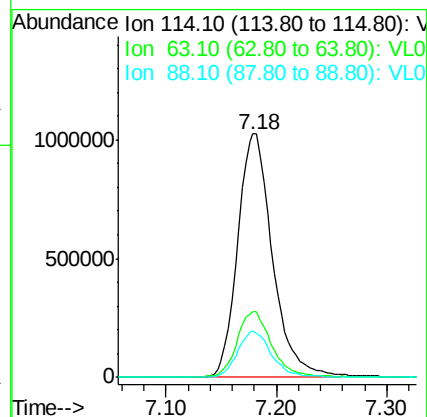
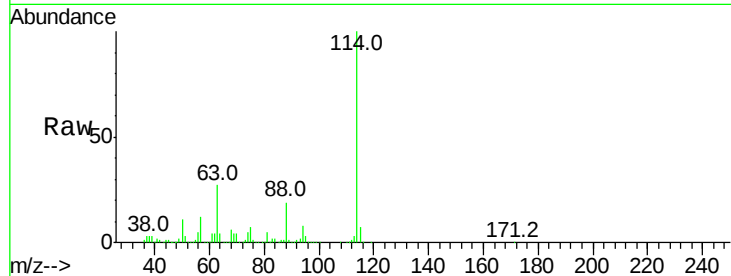




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDICCC010
 Acq: 24 Jan 2022 9:27

Tgt Ion: 114 Resp: 2240938

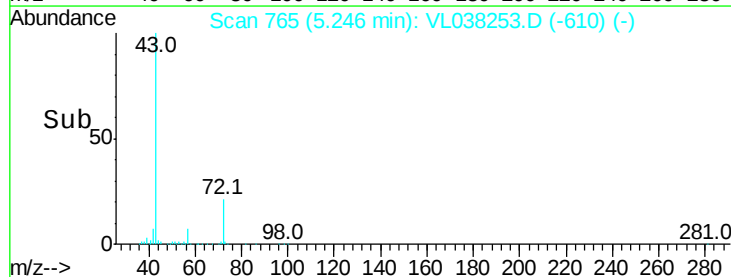
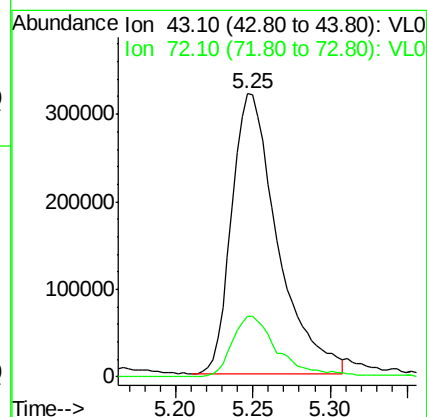
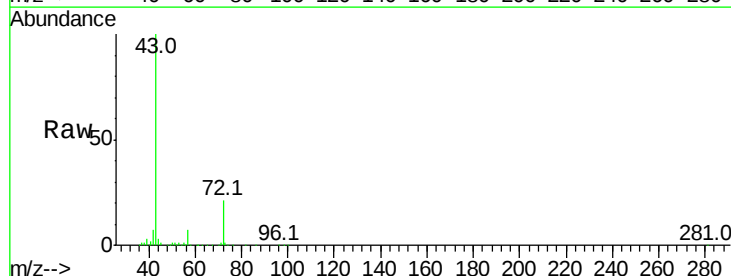
Ion	Ratio	Lower	Upper
114	100		
63	27.5	19.7	29.5
88	18.8	14.3	21.5

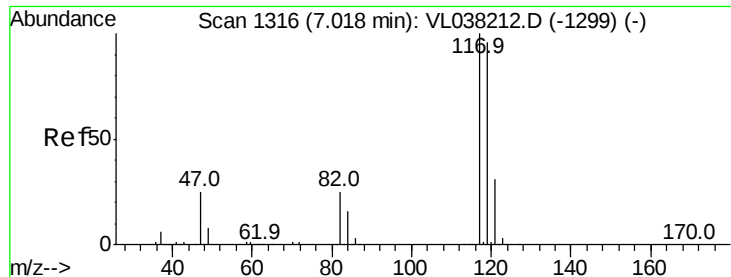


#34
 2-Butanone
 Concen: 9.768 ppbv
 RT: 5.25 min Scan# 765
 Delta R.T.: -0.00 min
 Lab File: VL038253.D
 Acq: 24 Jan 2022 9:27

Tgt Ion: 43 Resp: 657919

Ion	Ratio	Lower	Upper
43	100		
72	22.6	18.3	27.5





#35

Carbon Tetrachloride

Concen: 10.919 ppbv

RT: 7.02 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 24 Jan 2022 9:27 VSTDICCC010

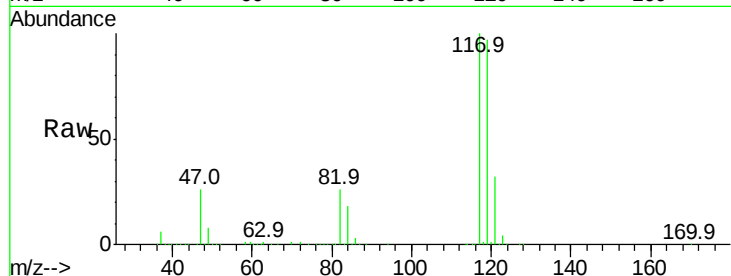
Tgt Ion:117 Resp: 1510374

Ion Ratio Lower Upper

117 100

119 97.4 76.7 115.1

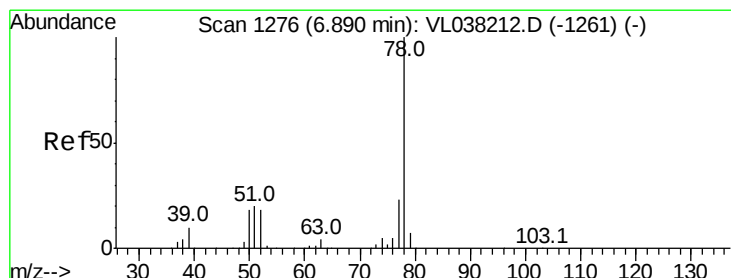
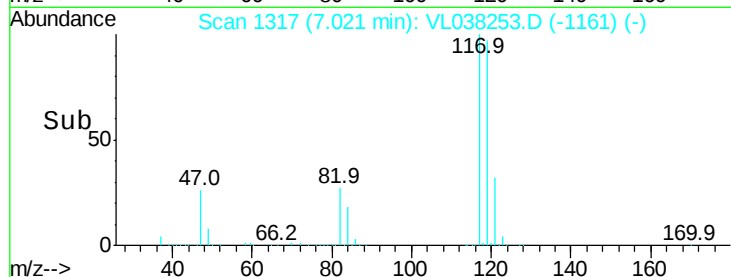
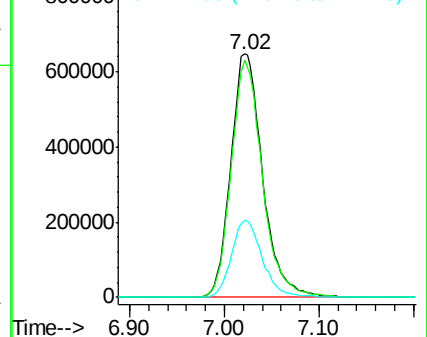
121 31.8 25.0 37.4



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#36

Benzene

Concen: 9.073 ppbv

RT: 6.90 min Scan# 1278

Delta R.T. 0.01 min

Lab File: VL038253.D

Acq: 24 Jan 2022 9:27

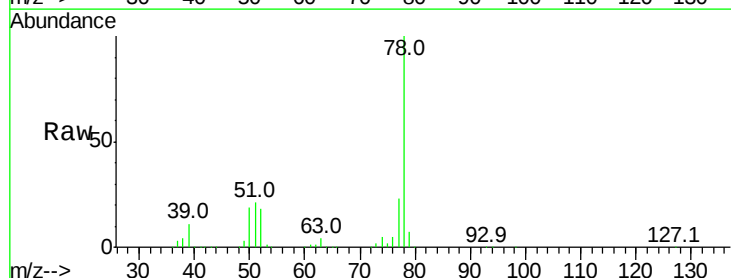
Tgt Ion: 78 Resp: 1896477

Ion Ratio Lower Upper

78 100

77 22.7 18.2 27.4

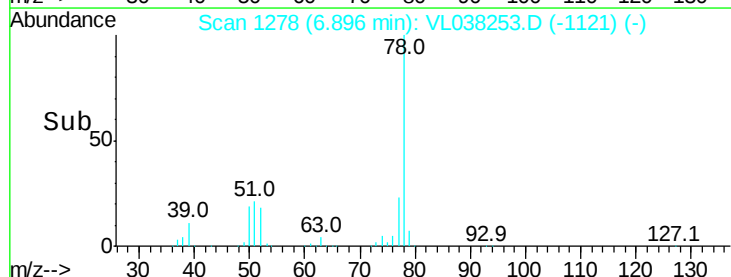
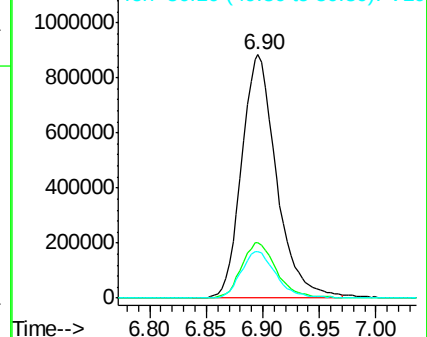
50 18.9 14.3 21.5

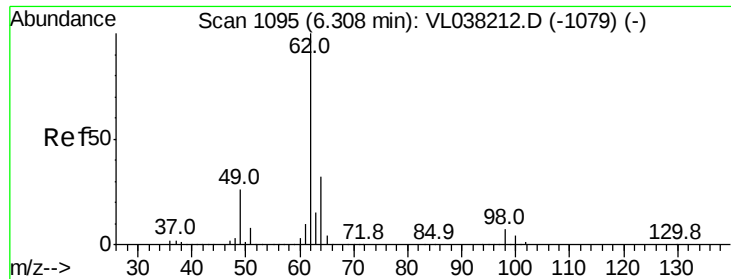


Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0





#37

1,2-Dichloroethane

Concen: 10.587 ppbv

RT: 6.31

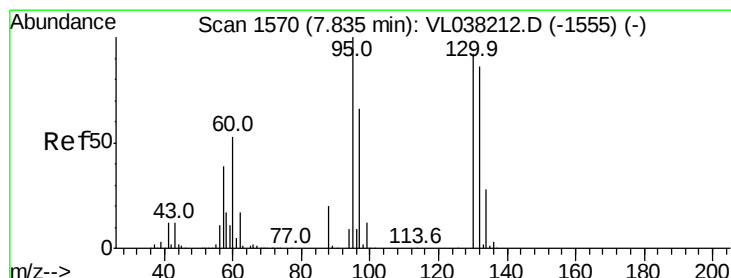
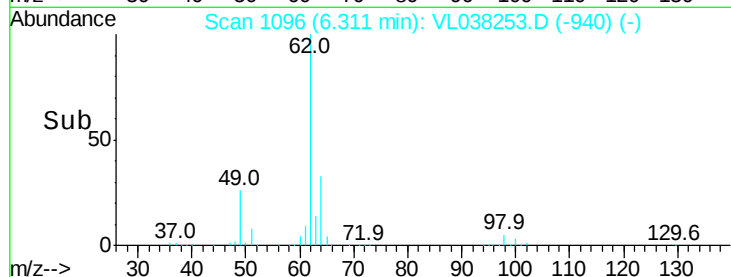
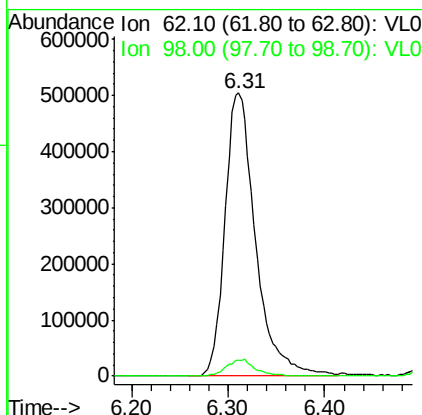
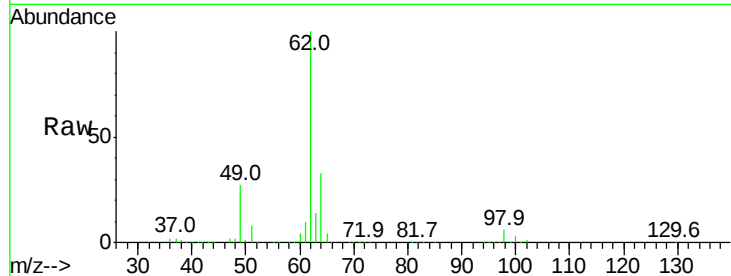
Delta R.T. MSVOA_L

Lab File: ClientSampleId : VSTDICCC010

Acq: 24 Jan 2022 9:27

Tgt Ion: 62 Resp: 1110384

Ion	Ratio	Lower	Upper
62	100		
98	5.6	5.5	8.3



#38

Trichloroethene

Concen: 8.564 ppbv

RT: 7.84 min Scan# 1572

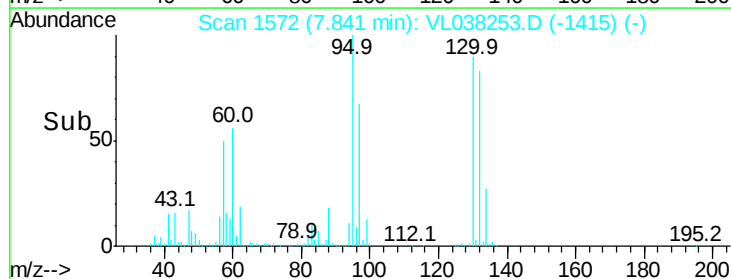
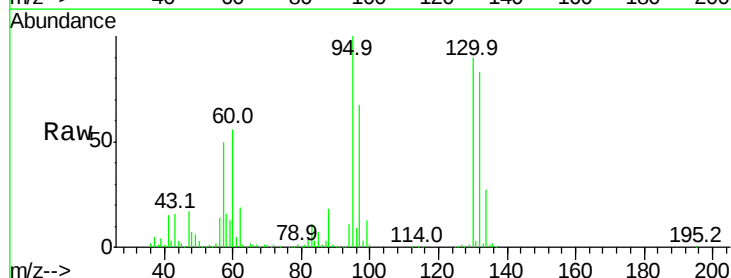
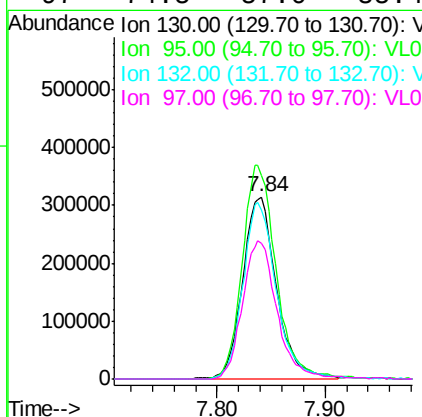
Delta R.T. 0.01 min

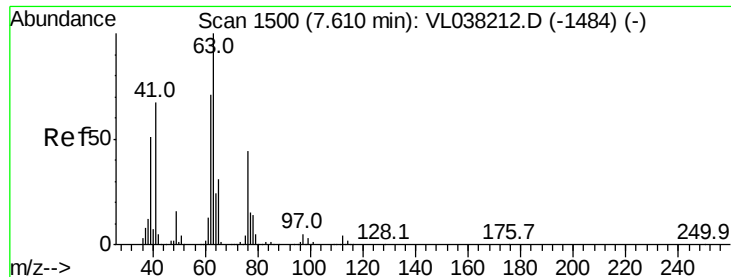
Lab File: VL038253.D

Acq: 24 Jan 2022 9:27

Tgt Ion: 130 Resp: 681274

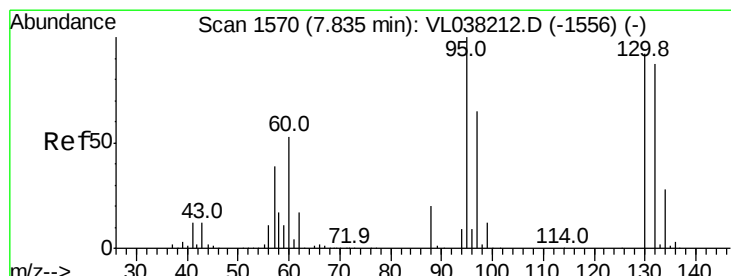
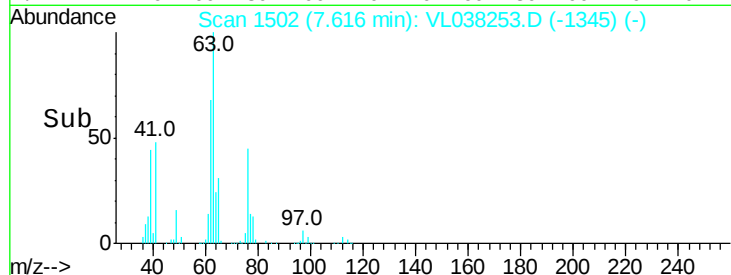
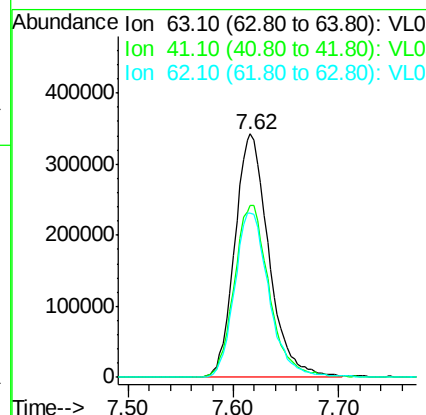
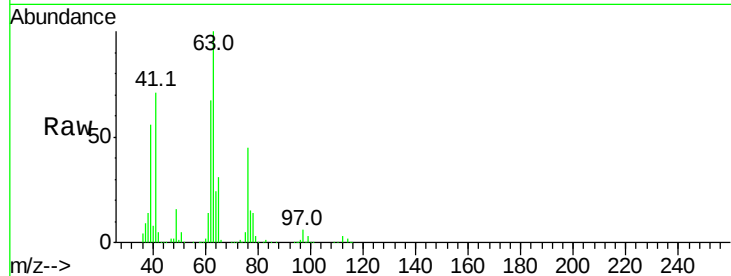
Ion	Ratio	Lower	Upper
130	100		
95	111.8	87.0	130.4
132	93.2	75.1	112.7
97	74.5	57.0	85.4





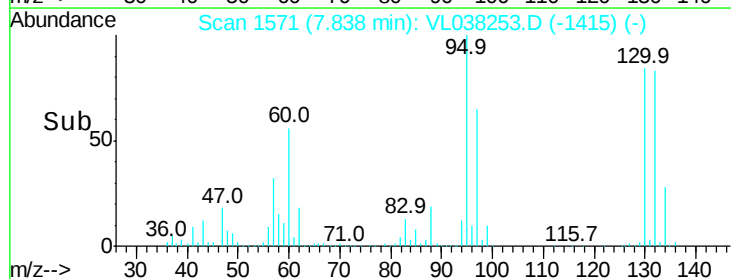
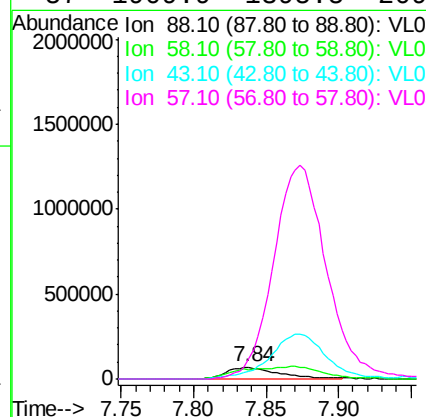
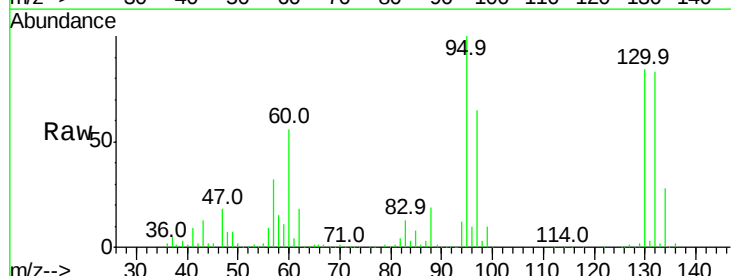
#39
 1,2-Dichloropropane
 Concen: 9.523 ppbv
 RT: 7.62
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDICCC010
 Acq: 24 Jan 2022 9:27

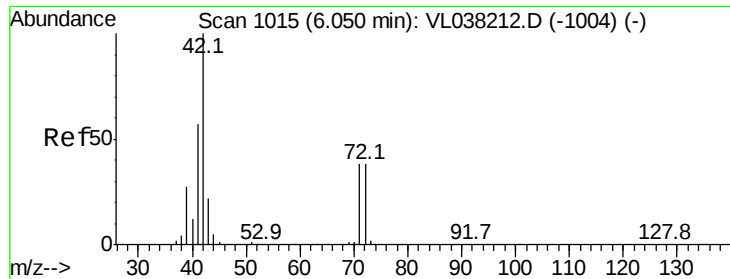
Tgt Ion: 63 Resp: 766129
 Ion Ratio Lower Upper
 63 100
 41 70.8 53.4 80.2
 62 67.4 56.5 84.7



#40
 1,4-Dioxane
 Concen: 7.209 ppbv
 RT: 7.84 min Scan# 1571
 Delta R.T. 0.00 min
 Lab File: VL038253.D
 Acq: 24 Jan 2022 9:27

Tgt Ion: 88 Resp: 168710
 Ion Ratio Lower Upper
 88 100
 58 173.3 127.8 191.8
 43 433.6 301.0 451.6
 57 1909.9 1395.5 2093.3





#41

Tetrahydrofuran

Concen: 9.468 ppbv

RT: 6.06 Instrument: MSVOA_1

Delta R.T. 0.00 min

Lab File: ClientSampleId: VSTDICCC010

Acq: 24 Jan 2022 9:27

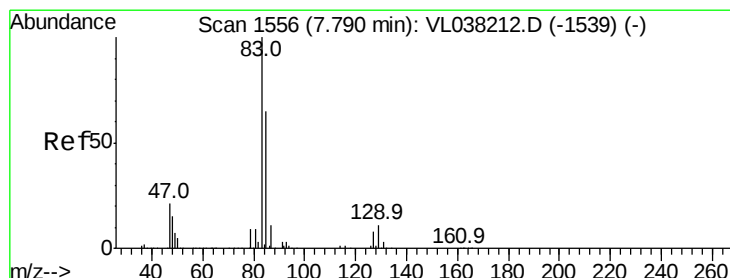
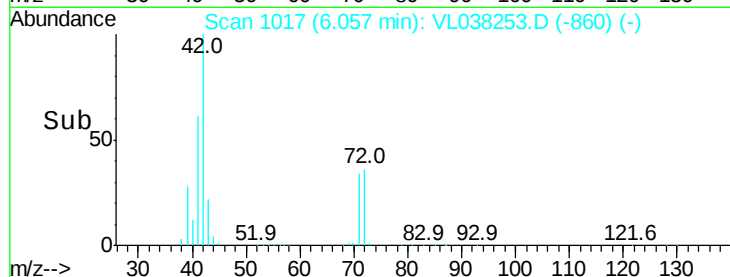
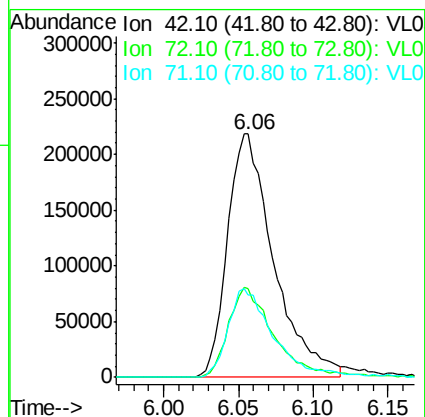
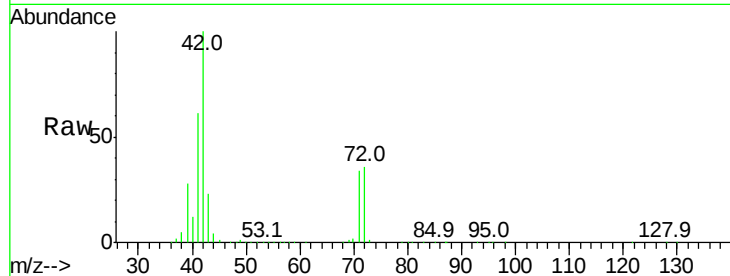
Tgt Ion: 42 Resp: 467113

Ion Ratio Lower Upper

42 100

72 37.1 31.4 47.0

71 36.8 30.0 45.0



#42

Bromodichloromethane

Concen: 10.794 ppbv

RT: 7.79 min Scan# 1557

Delta R.T. 0.00 min

Lab File: VL038253.D

Acq: 24 Jan 2022 9:27

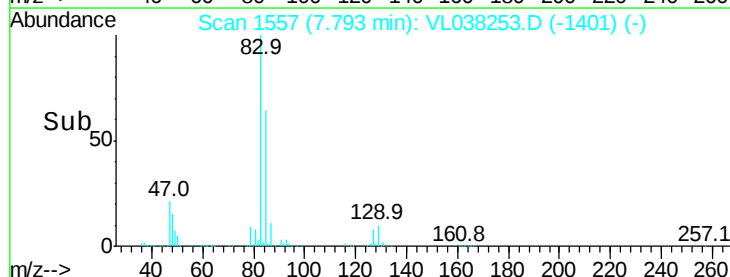
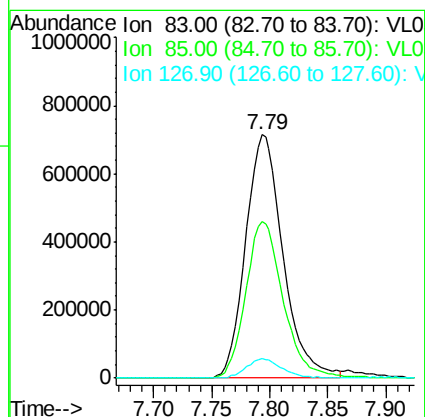
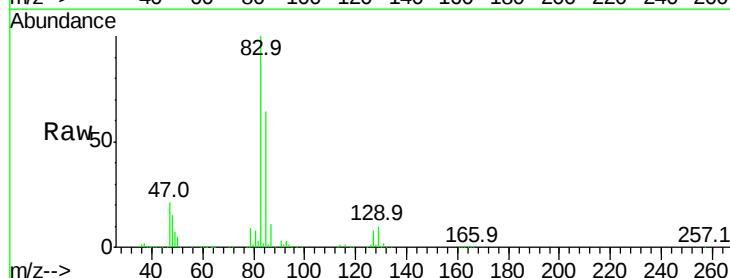
Tgt Ion: 83 Resp: 1610895

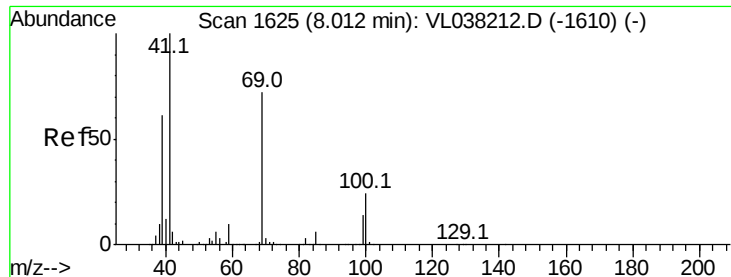
Ion Ratio Lower Upper

83 100

85 64.4 52.0 78.0

127 7.8 6.1 9.1





#43

Methyl Methacrylate

Concen: 9.965 ppbv

RT: 8.01

Instrument: MSVOA_1

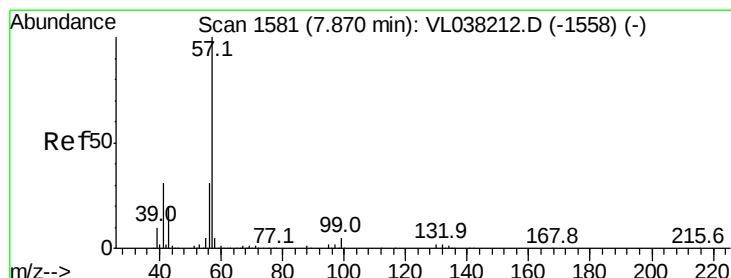
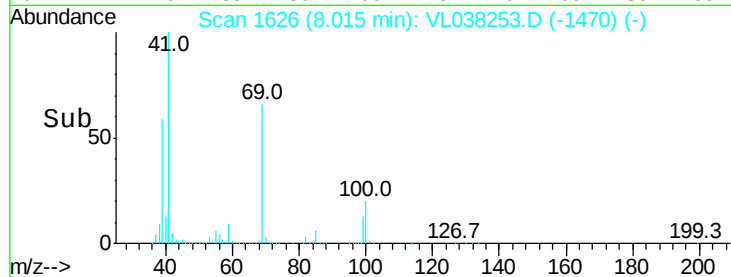
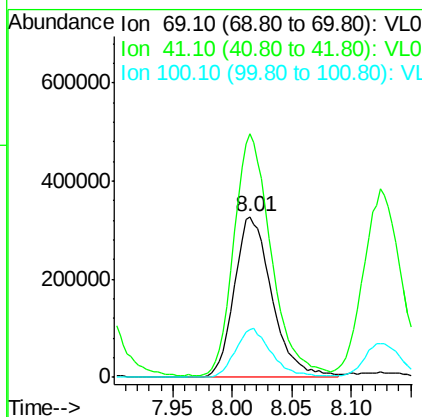
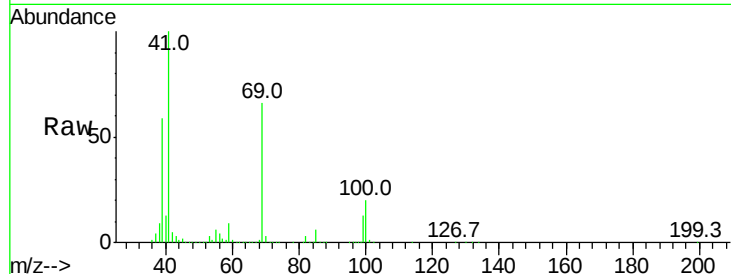
Delta R.T. 0.00 min

Lab File: ClientSampleId: VSTDICCC010

Acq: 24 Jan 2022 9:27

Tgt Ion: 69 Resp: 716832

Ion	Ratio	Lower	Upper
69	100		
41	151.1	116.0	174.0
100	29.2	26.6	39.8



#44

2,2,4-Trimethylpentane

Concen: 9.048 ppbv

RT: 7.87 min Scan# 1582

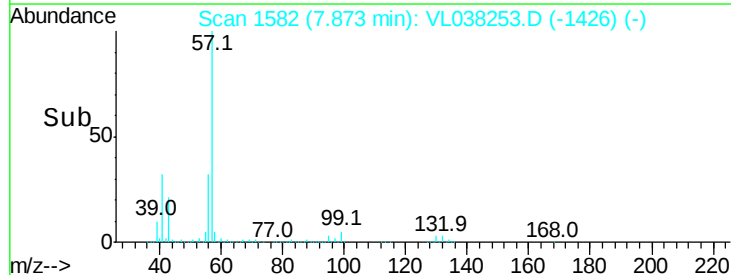
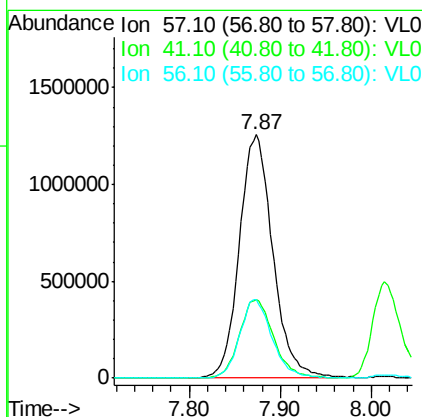
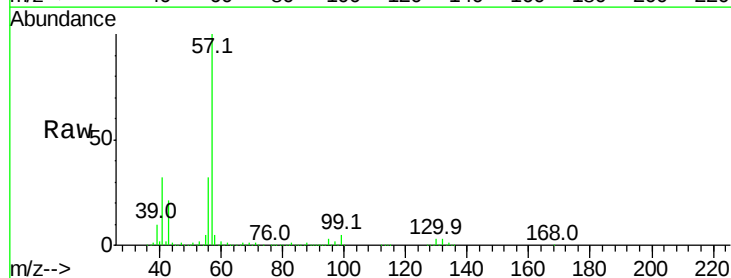
Delta R.T. 0.00 min

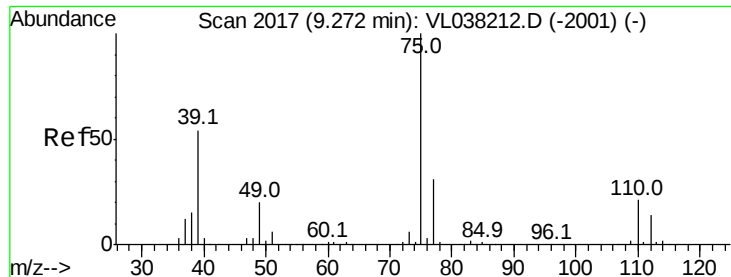
Lab File: VL038253.D

Acq: 24 Jan 2022 9:27

Tgt Ion: 57 Resp: 3212767

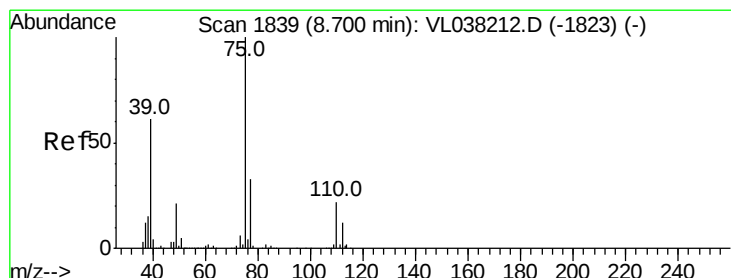
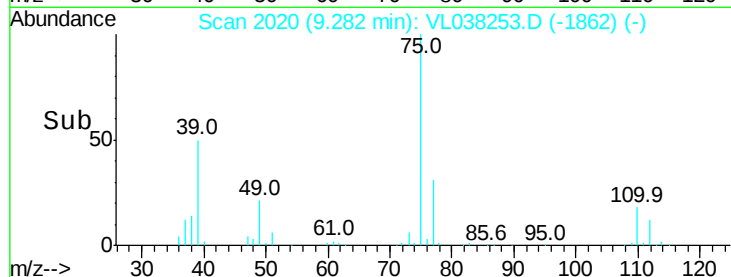
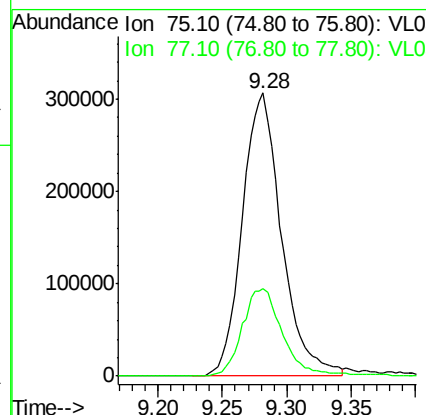
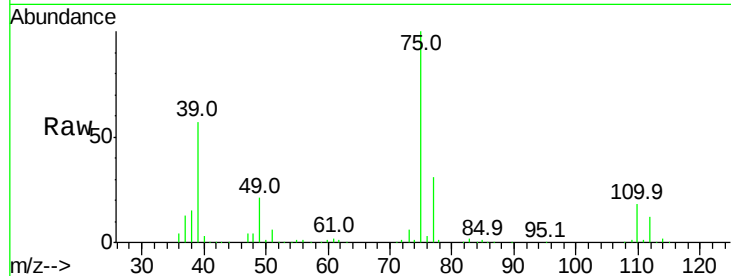
Ion	Ratio	Lower	Upper
57	100		
41	32.9	24.9	37.3
56	31.5	24.8	37.2





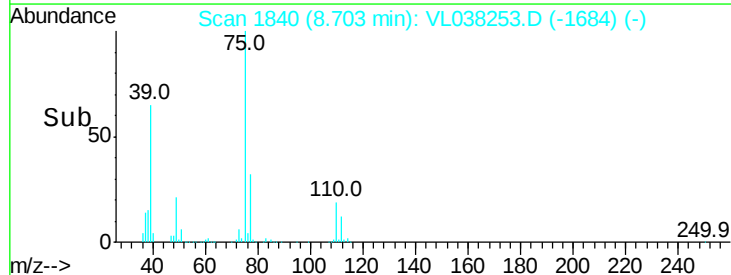
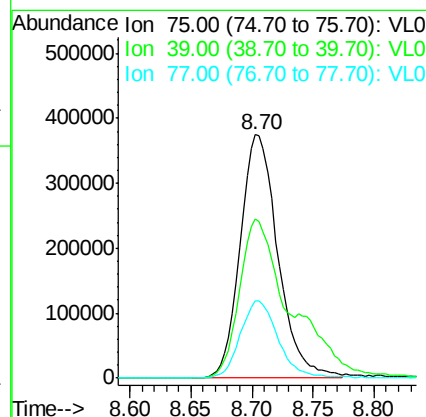
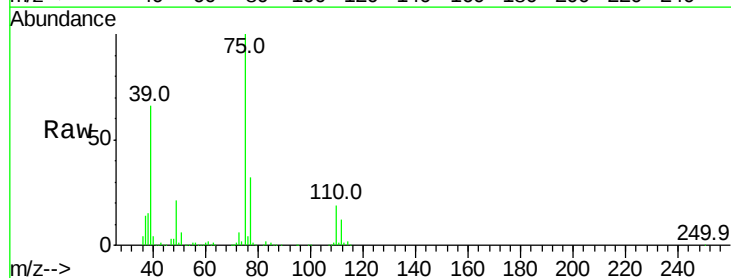
#45
 t-1,3-Dichloropropene
 Concen: 12.200 ppbv
 RT: 9.28
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDICCC010
 Acq: 24 Jan 2022 9:27

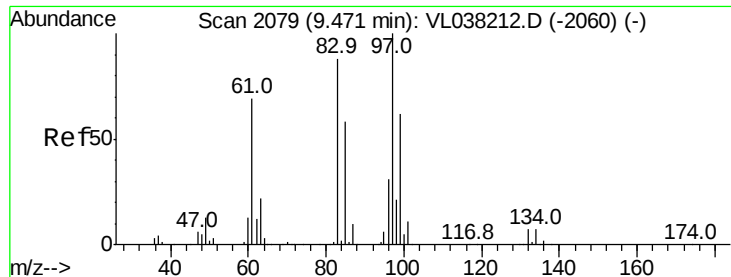
Tgt Ion: 75 Resp: 649497
 Ion Ratio Lower Upper
 75 100
 77 31.1 24.7 37.1



#46
 cis-1,3-Dichloropropene
 Concen: 10.893 ppbv
 RT: 8.70 min Scan# 1840
 Delta R.T.: 0.00 min
 Lab File: VL038253.D
 Acq: 24 Jan 2022 9:27

Tgt Ion: 75 Resp: 802765
 Ion Ratio Lower Upper
 75 100
 39 65.4 48.9 73.3
 77 31.7 26.2 39.2





#47

1,1,2-Trichloroethane

Concen: 8.967 ppbv

RT: 9.48 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 24 Jan 2022 9:27 VSTDICCC010

Tgt Ion: 97 Resp: 748729

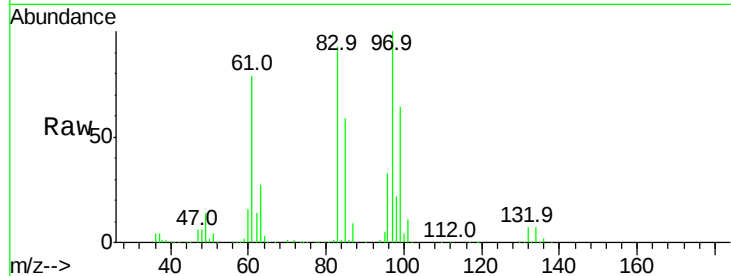
Ion Ratio Lower Upper

97 100

83 92.9 70.2 105.2

85 59.4 46.1 69.1

99 63.9 49.8 74.6

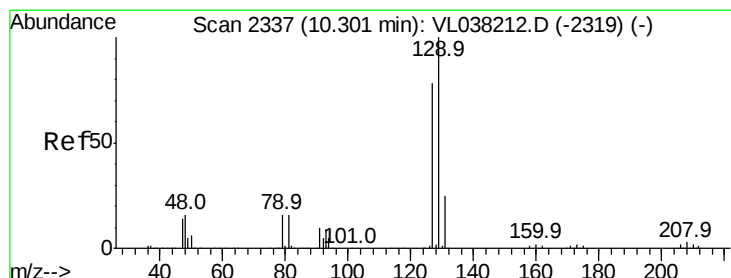
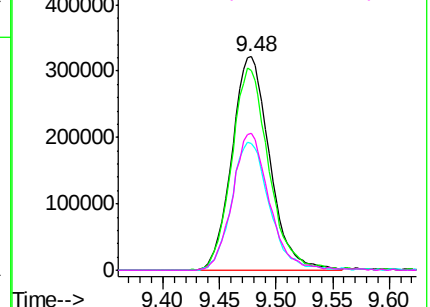
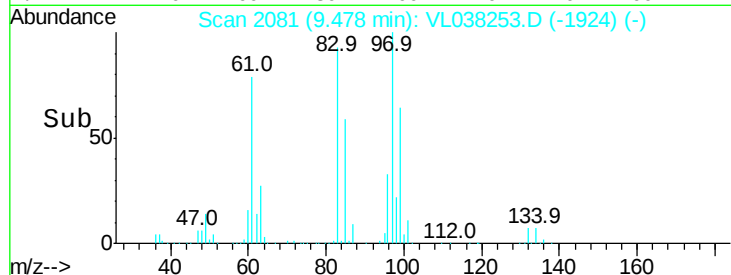


Abundance Ion 97.00 (96.70 to 97.70): VL0

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: 11.140 ppbv

RT: 10.31 min Scan# 2339

Delta R.T. 0.01 min

Lab File: VL038253.D

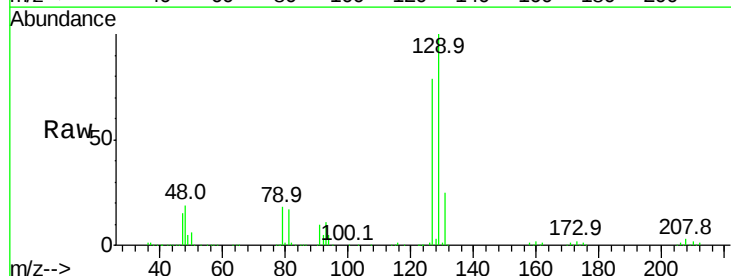
Acq: 24 Jan 2022 9:27

Tgt Ion: 129 Resp: 1307968

Ion Ratio Lower Upper

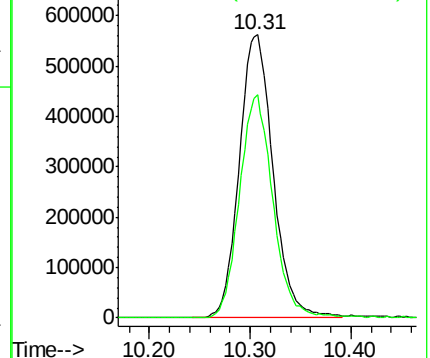
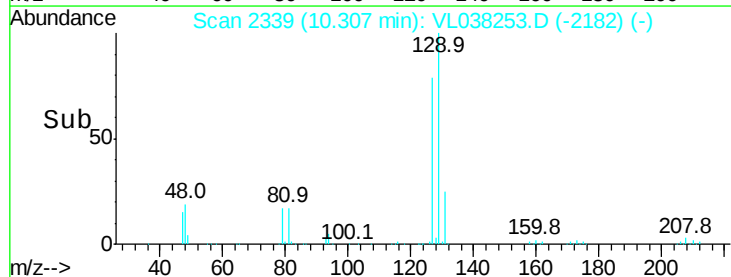
129 100

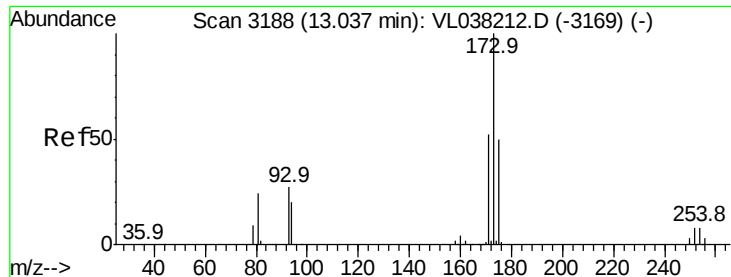
127 78.2 40.2 120.6



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#49

Bromoform

Concen: 11.493 ppbv

RT: 13.04

Delta R.T.

Lab File:

Acq: 24 Jan 2022

Instrument:

MSVOA_1

ClientSampleId:

VSTDICCC010

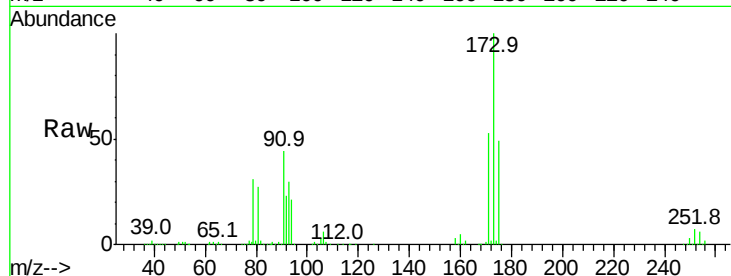
Tgt Ion:173 Resp: 958753

Ion Ratio Lower Upper

173 100

175 49.6 40.9 61.3

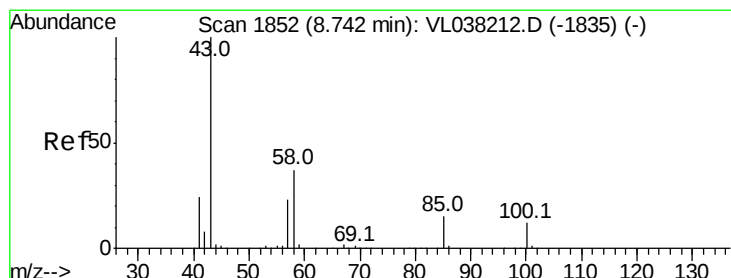
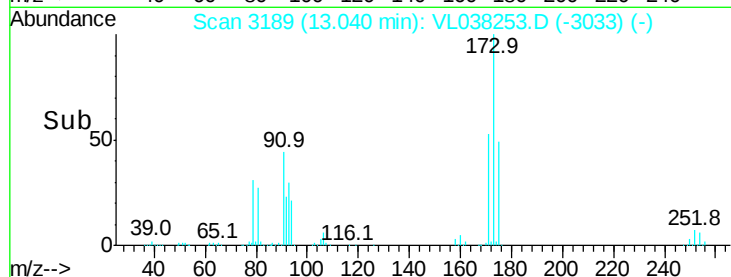
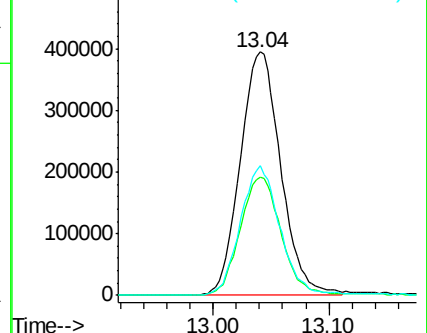
171 52.6 43.4 65.2



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: 10.542 ppbv

RT: 8.74 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VL038253.D

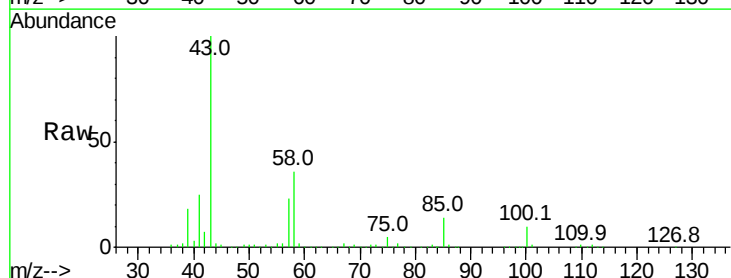
Acq: 24 Jan 2022 9:27

Tgt Ion: 43 Resp: 1291051

Ion Ratio Lower Upper

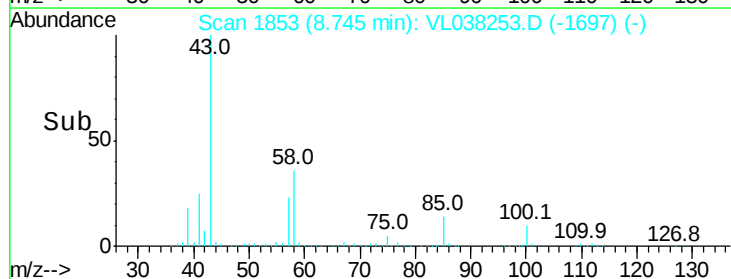
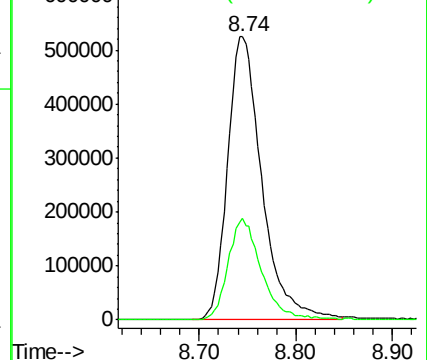
43 100

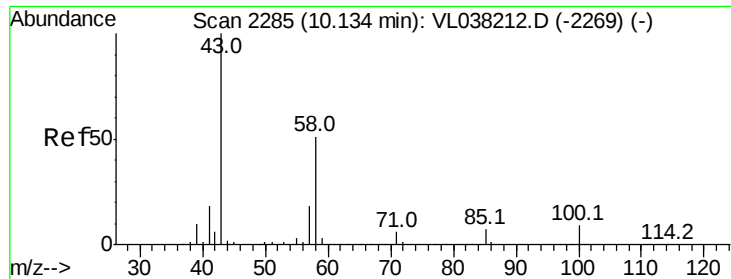
58 35.3 29.4 44.2



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





#51

2-Hexanone

Concen: 10.052 ppbv

RT: 10.14

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 24 Jan 2022 9:27

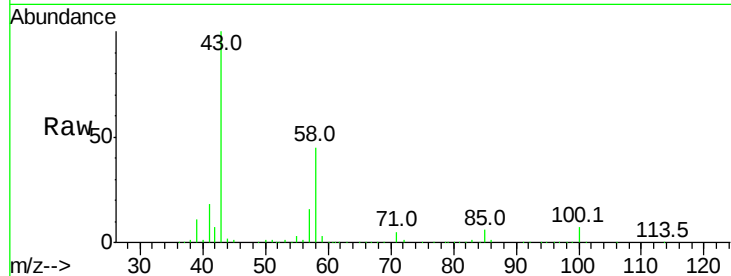
Tgt Ion: 43 Resp: 589222

Ion Ratio Lower Upper

43 100

58 46.2 40.8 61.2

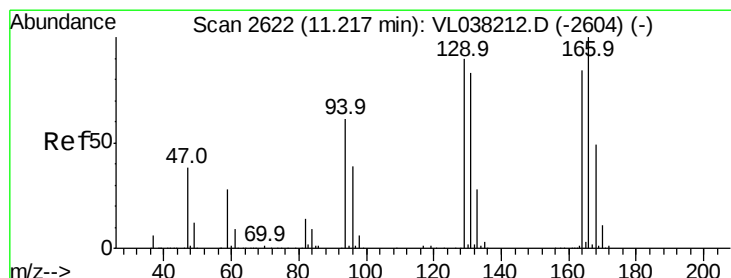
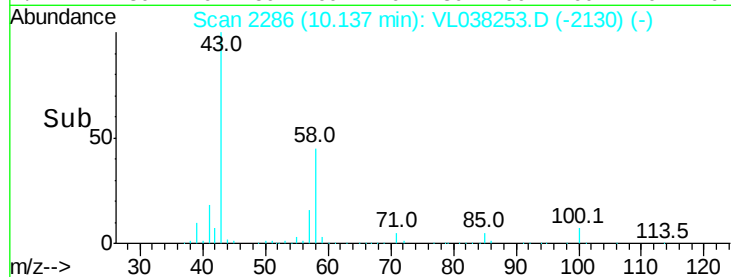
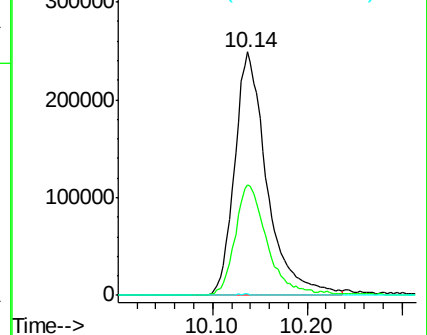
98 0.2 0.0 0.0#



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: 7.974 ppbv

RT: 11.22 min Scan# 2623

Delta R.T. 0.00 min

Lab File: VL038253.D

Acq: 24 Jan 2022 9:27

Tgt Ion:164 Resp: 615214

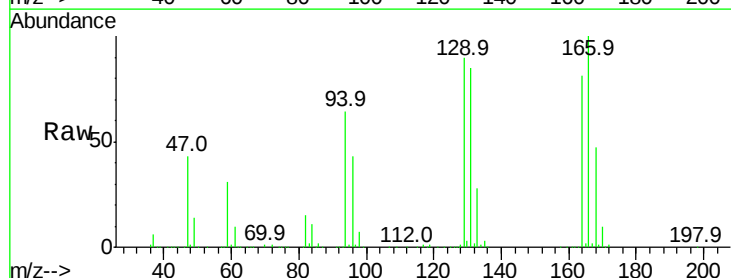
Ion Ratio Lower Upper

164 100

166 123.5 95.6 143.4

129 111.5 85.8 128.8

131 104.5 79.3 118.9

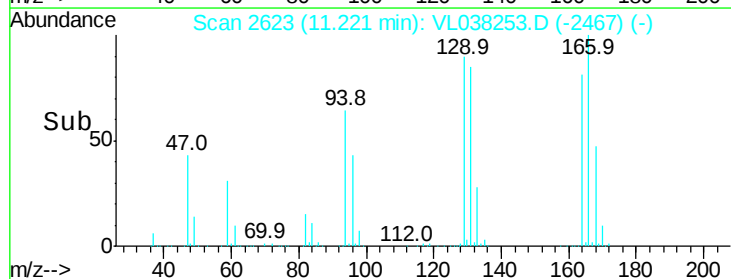
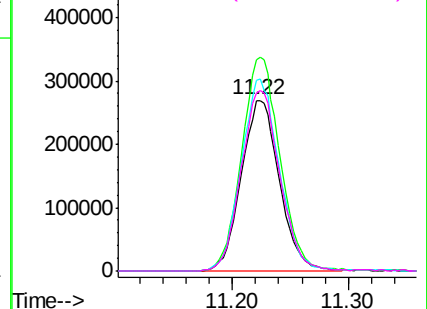


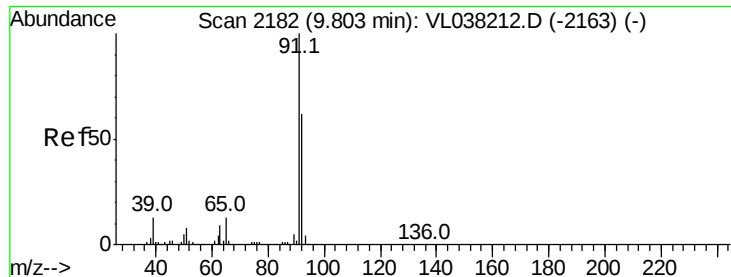
Abundance Ion 163.90 (163.60 to 164.60): V

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: 8.852 ppbv

RT: 9.81 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

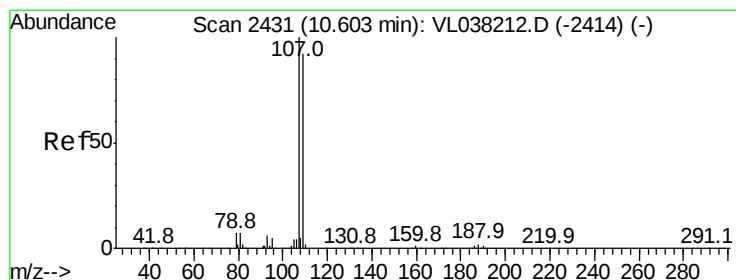
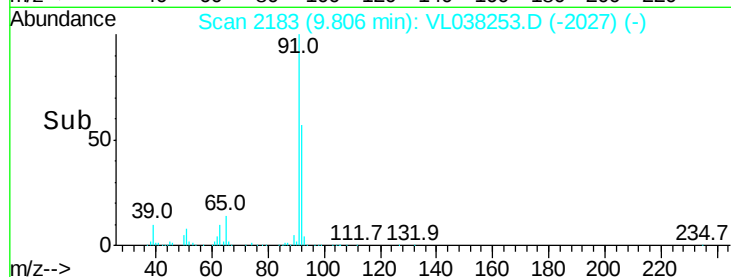
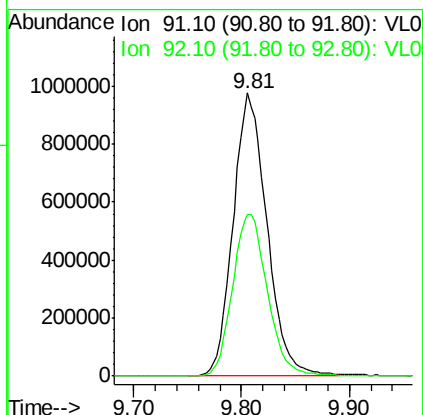
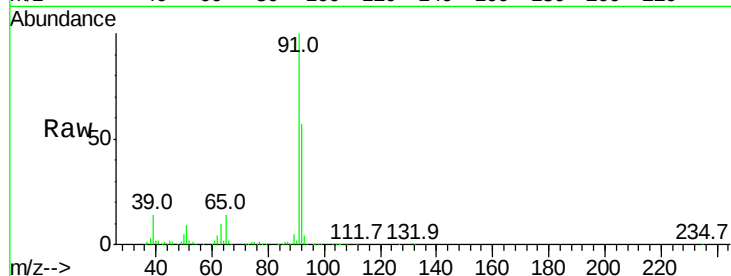
Acq: 24 Jan 2022 9:27 VSTDICCC010

Tgt Ion: 91 Resp: 2135114

Ion Ratio Lower Upper

91 100

92 59.2 48.9 73.3



#54

1,2-Dibromoethane

Concen: 9.211 ppbv

RT: 10.61 min Scan# 2434

Delta R.T. 0.01 min

Lab File: VL038253.D

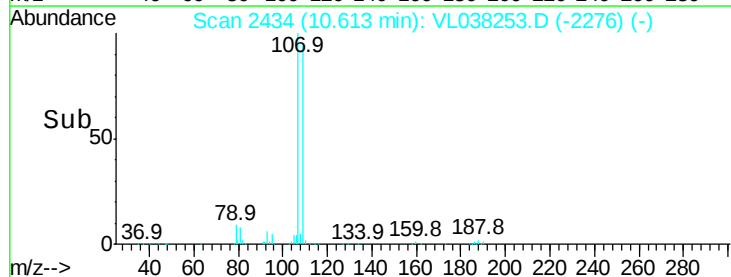
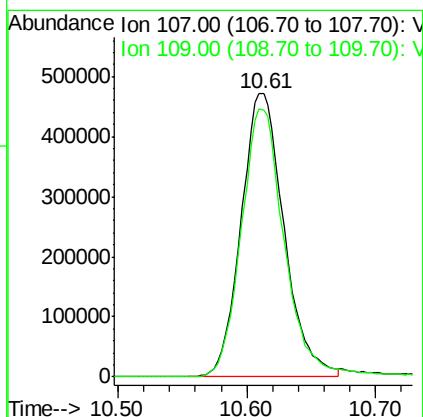
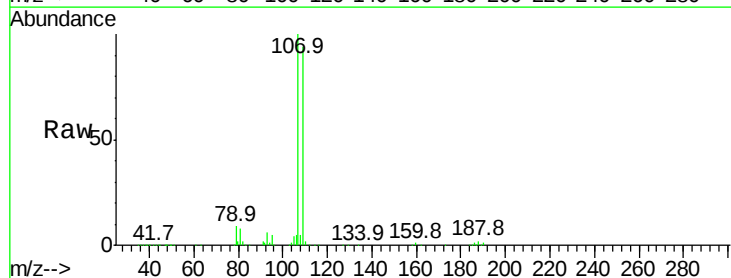
Acq: 24 Jan 2022 9:27

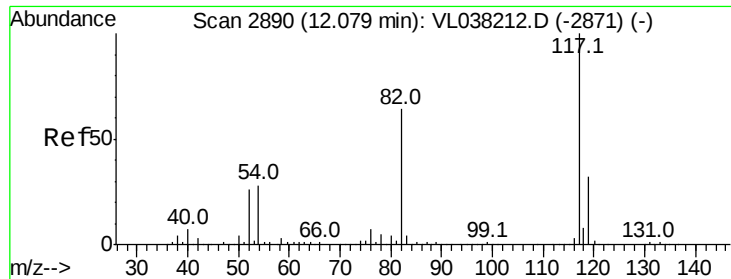
Tgt Ion: 107 Resp: 1090946

Ion Ratio Lower Upper

107 100

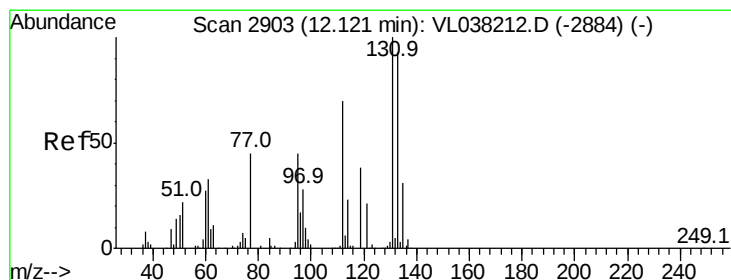
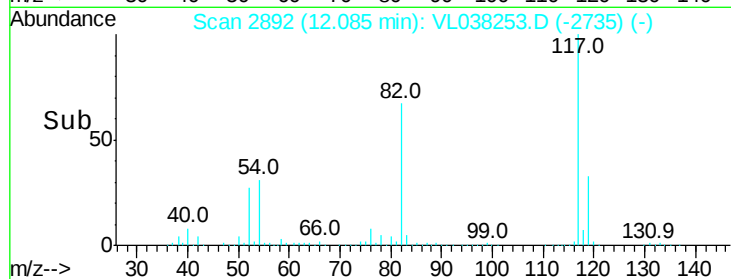
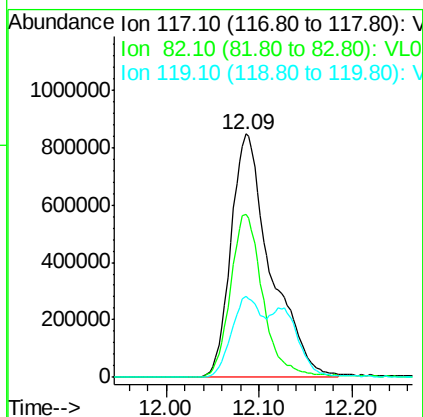
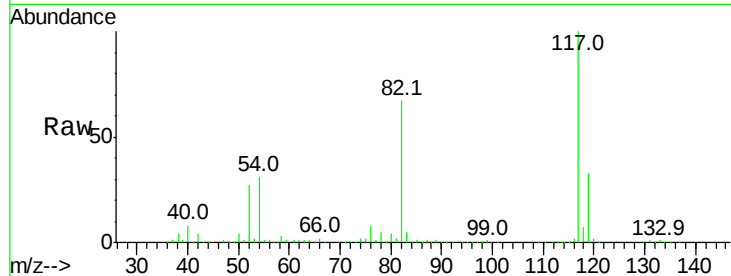
109 94.2 73.3 109.9





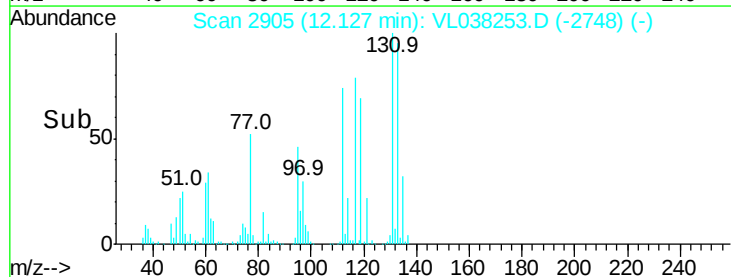
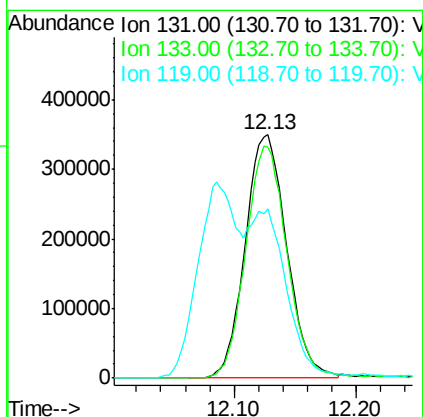
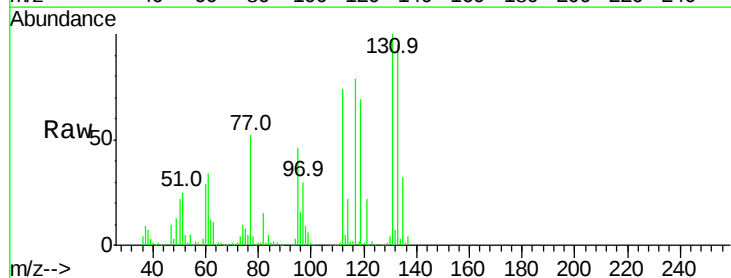
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
VSTDICCC010
Acq: 24 Jan 2022 9:27

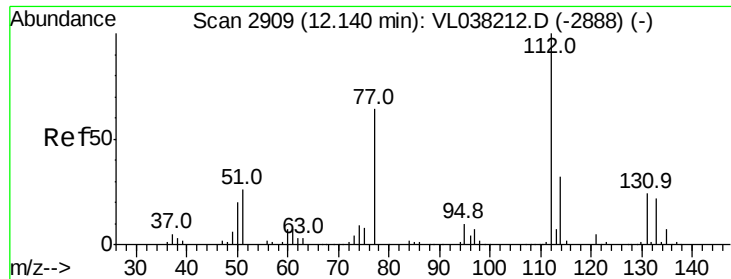
Tgt Ion:117 Resp: 2516741
Ion Ratio Lower Upper
117 100
82 55.5 53.3 79.9
119 46.9 25.5 38.3#



#56
1,1,1,2-Tetrachloroethane
Concen: 7.847 ppbv
RT: 12.13 min Scan# 2905
Delta R.T. 0.01 min
Lab File: VL038253.D
Acq: 24 Jan 2022 9:27

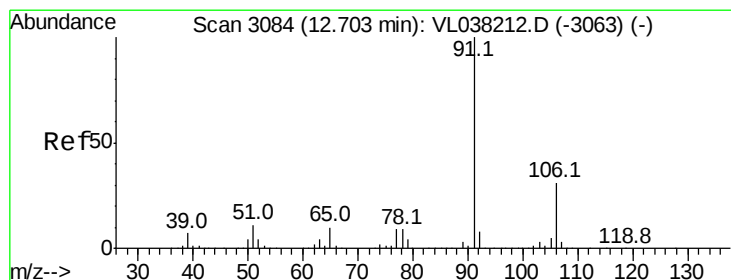
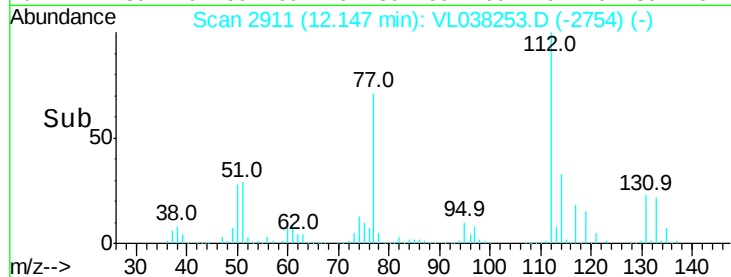
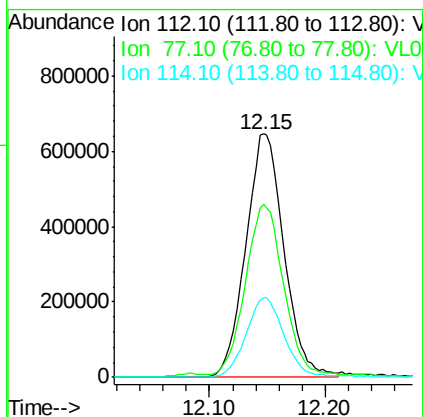
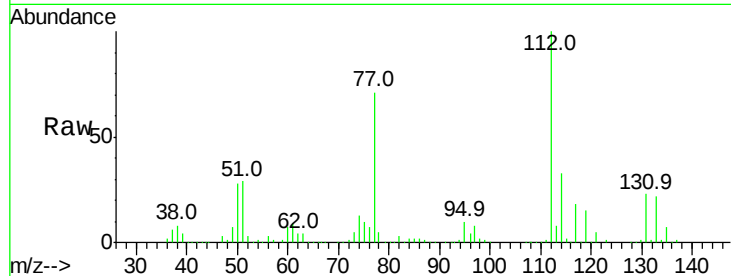
Tgt Ion:131 Resp: 821419
Ion Ratio Lower Upper
131 100
133 95.0 77.6 116.4
119 66.2 124.8 187.2#





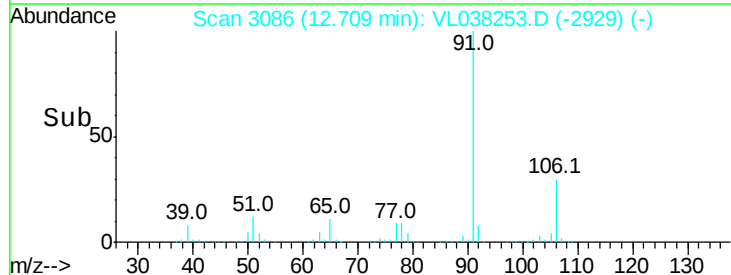
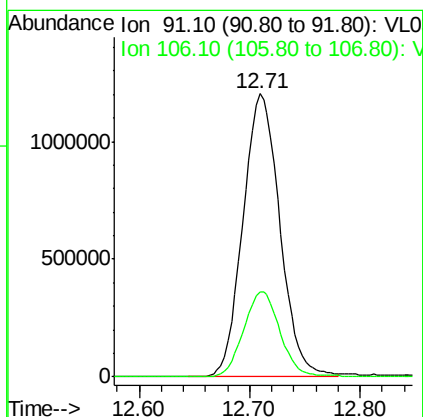
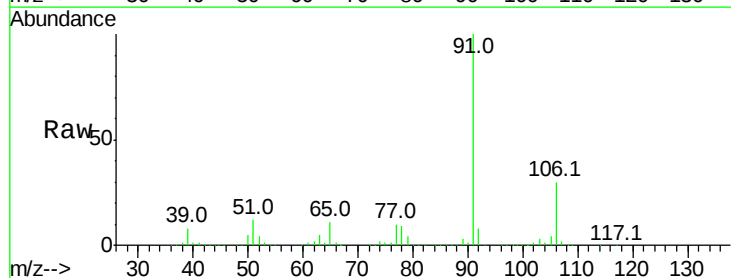
#57
Chlorobenzene
Concen: 6.803 ppbv
RT: 12.15
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VSTDICCC010
Acq: 24 Jan 2022 9:27

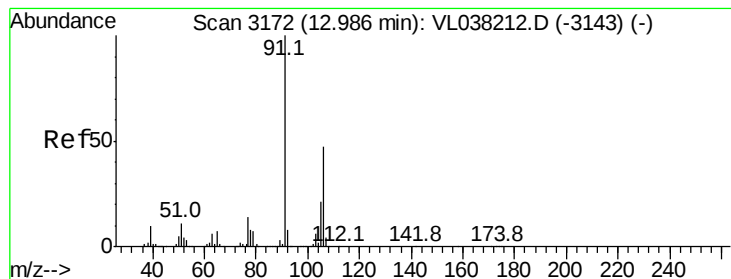
Tgt Ion: 112 Resp: 1484943
Ion Ratio Lower Upper
112 100
77 69.9 50.9 76.3
114 32.6 28.4 34.7



#58
Ethyl Benzene
Concen: 7.161 ppbv
RT: 12.71 min Scan# 3086
Delta R.T. 0.01 min
Lab File: VL038253.D
Acq: 24 Jan 2022 9:27

Tgt Ion: 91 Resp: 2796827
Ion Ratio Lower Upper
91 100
106 30.1 25.0 37.4





#59

m/p-Xylene

Concen: 7.849 ppbv

RT: 13.00

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

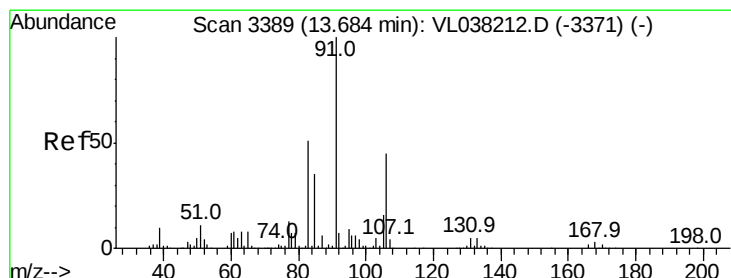
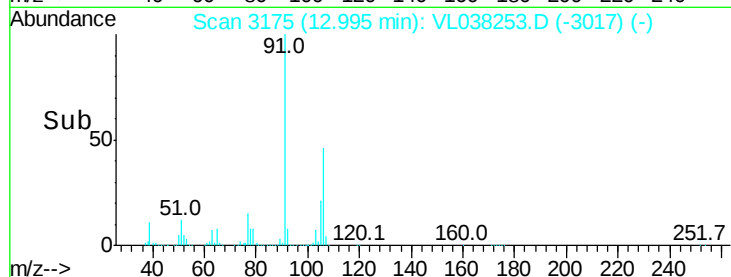
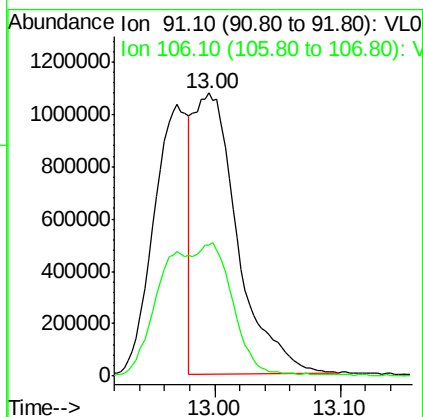
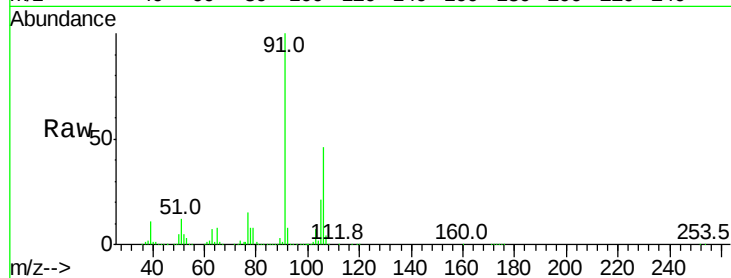
Acq: 24 Jan 2022 9:27

Tgt Ion: 91 Resp: 2620664

Ion Ratio Lower Upper

91 100

106 77.8 36.9 55.3#



#60

o-Xylene

Concen: 7.049 ppbv

RT: 13.69 min Scan# 3392

Delta R.T. 0.01 min

Lab File: VL038253.D

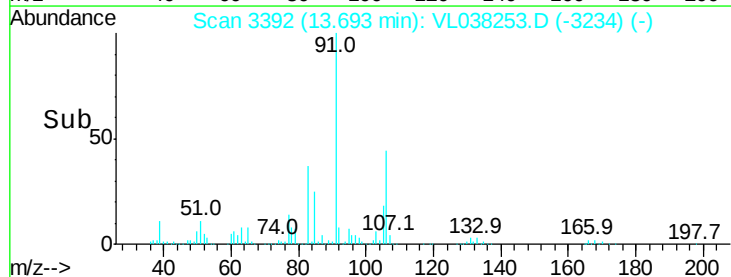
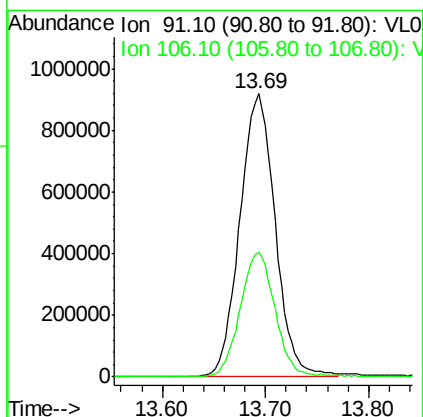
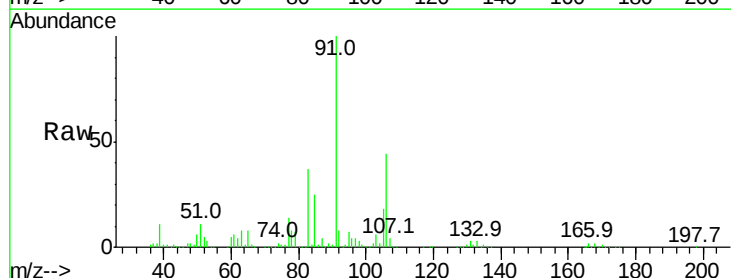
Acq: 24 Jan 2022 9:27

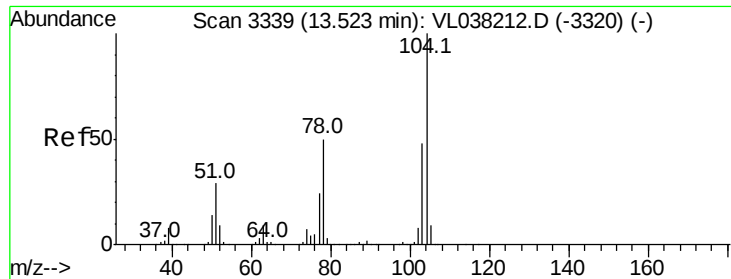
Tgt Ion: 91 Resp: 2181915

Ion Ratio Lower Upper

91 100

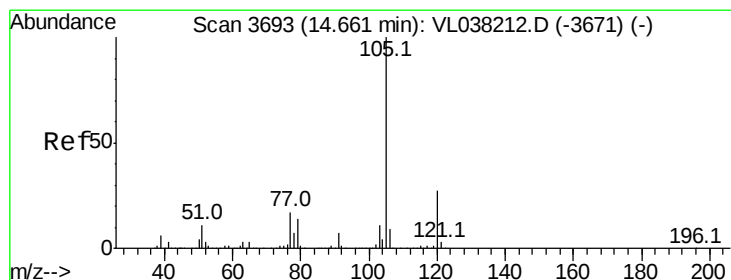
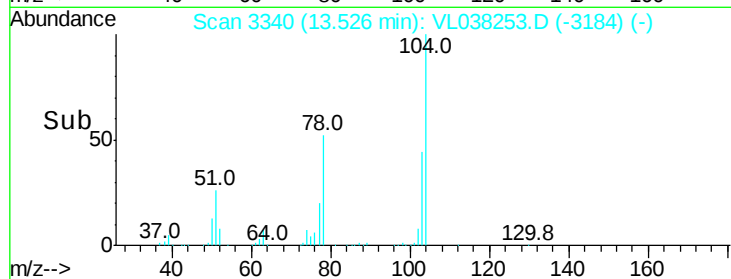
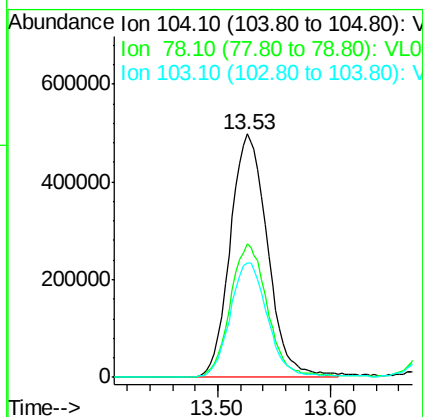
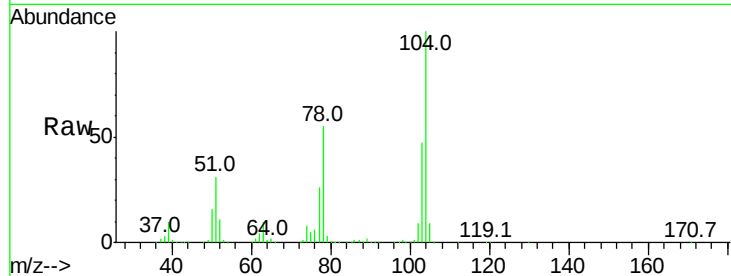
106 44.4 23.5 70.5





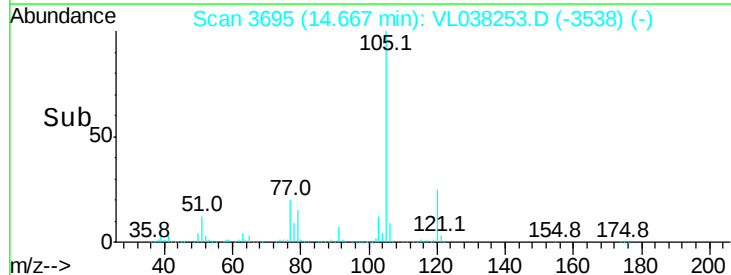
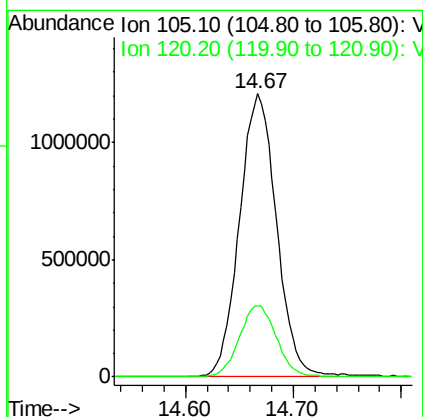
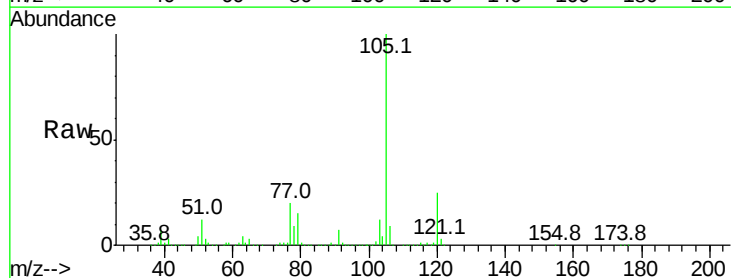
#61
Styrene
Concen: 7.284 ppbv
RT: 13.53
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VSTDICCC010
Acq: 24 Jan 2022 9:27

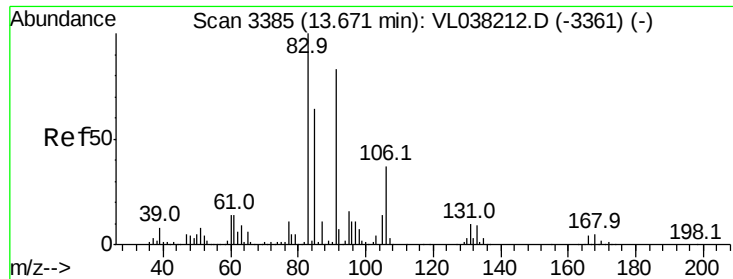
Tgt Ion:104 Resp: 1142112
Ion Ratio Lower Upper
104 100
78 55.3 41.0 61.6
103 47.8 38.0 57.0



#62
Isopropylbenzene
Concen: 6.636 ppbv
RT: 14.67 min Scan# 3695
Delta R.T. 0.01 min
Lab File: VL038253.D
Acq: 24 Jan 2022 9:27

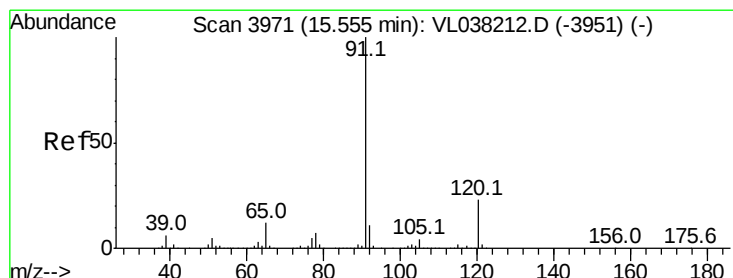
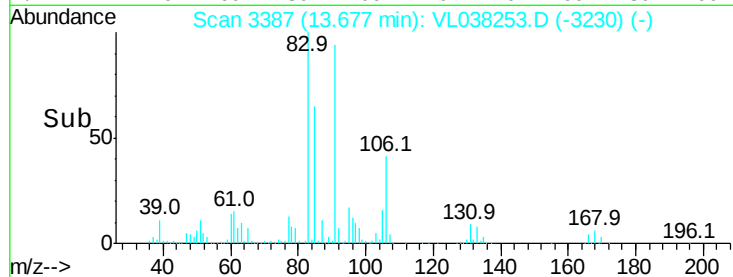
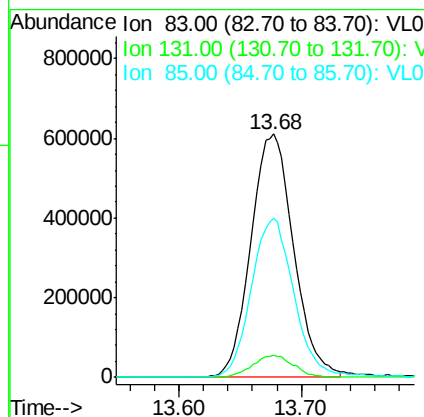
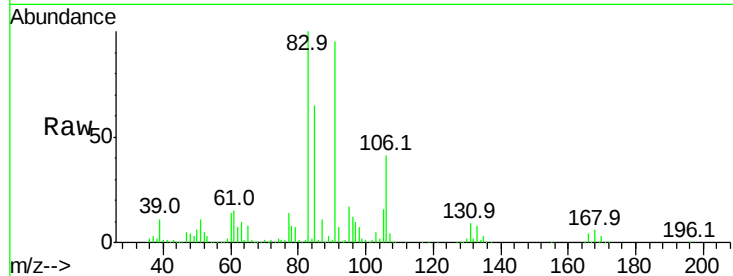
Tgt Ion:105 Resp: 2884088
Ion Ratio Lower Upper
105 100
120 25.6 21.0 31.6





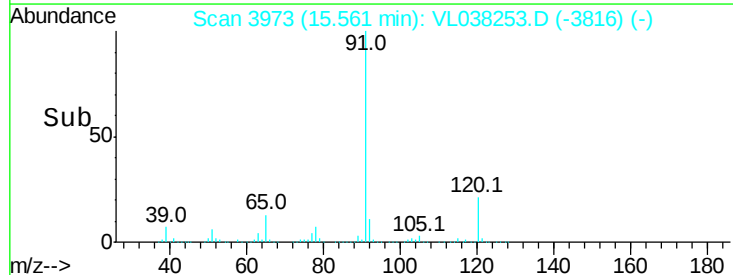
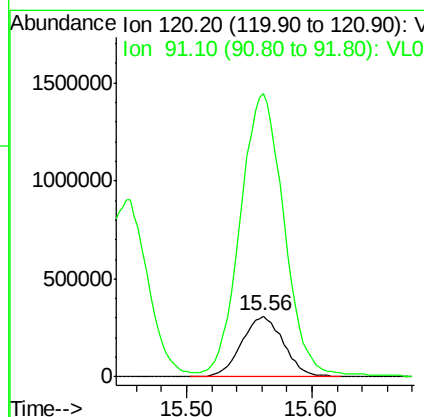
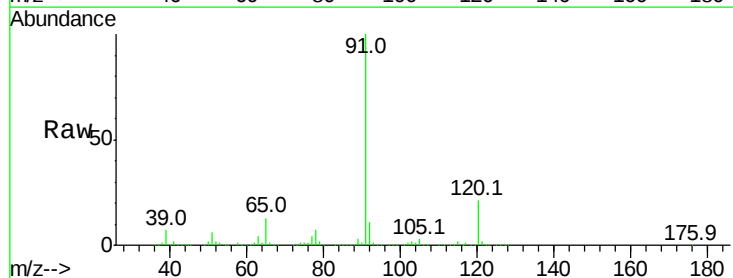
#63
 1,1,2,2-Tetrachloroethane
 Concen: 6.198 ppbv
 RT: 13.68 min
 Delta R.T. 0.01 min
 Lab File: VSTDICCC010
 Acq: 24 Jan 2022 9:27

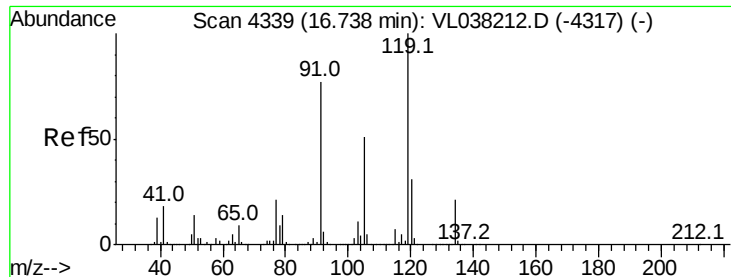
Tgt Ion: 83 Resp: 1475430
 Ion Ratio Lower Upper
 83 100
 131 9.0 4.7 14.1
 85 65.6 32.9 98.6



#64
 n-propylbenzene
 Concen: 6.680 ppbv
 RT: 15.56 min Scan# 3973
 Delta R.T. 0.01 min
 Lab File: VL038253.D
 Acq: 24 Jan 2022 9:27

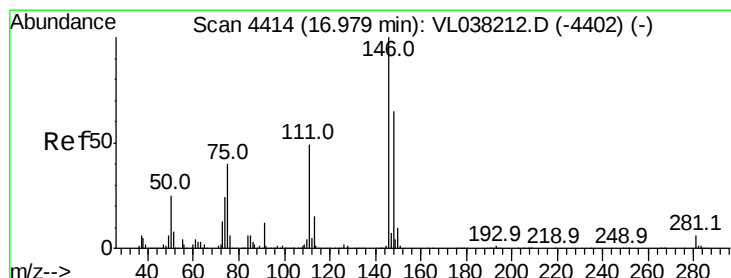
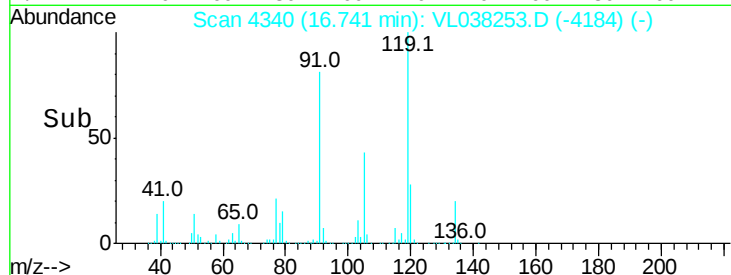
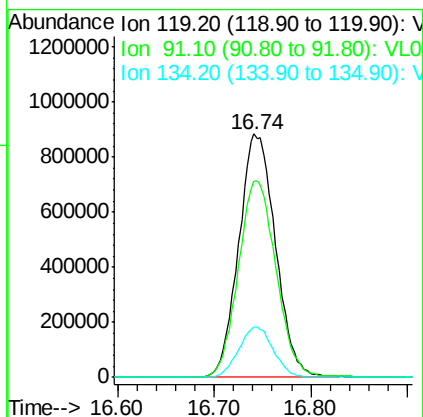
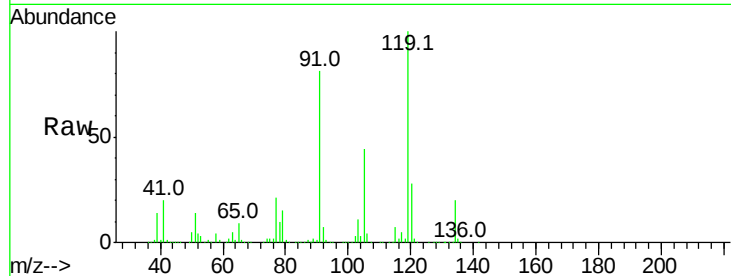
Tgt Ion: 120 Resp: 721811
 Ion Ratio Lower Upper
 120 100
 91 488.5 381.5 572.3





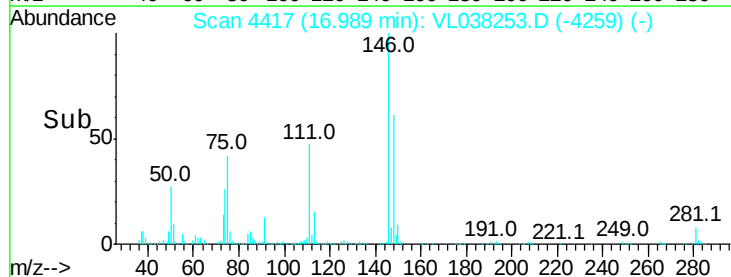
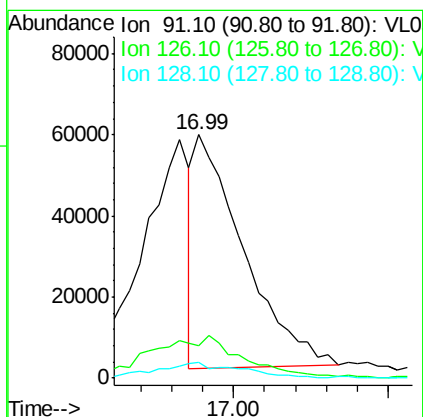
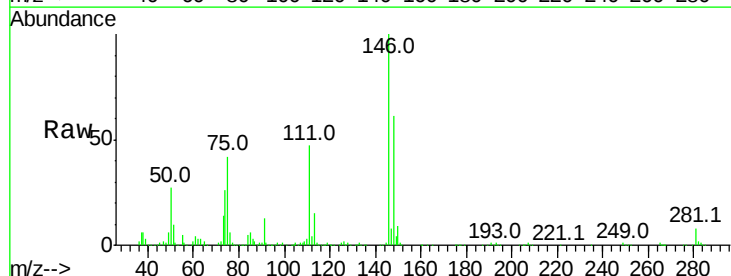
#65
 tert-Butylbenzene
 Concen: 6.095 ppbv
 RT: 16.74 min
 Delta R.T. MSVOA_1
 Lab File: ClientSampleId :
 VSTDICCC010
 Acq: 24 Jan 2022 9:27

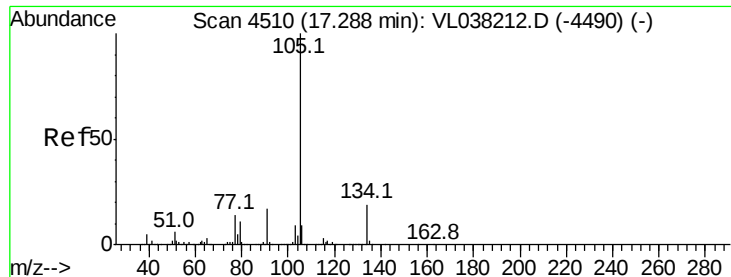
Tgt Ion: 119 Resp: 2331794
 Ion Ratio Lower Upper
 119 100
 91 83.3 63.0 94.4
 134 19.7 15.8 23.6



#66
 Benzyl Chloride
 Concen: 4.398 ppbv
 RT: 16.99 min Scan# 4417
 Delta R.T. 0.01 min
 Lab File: VL038253.D
 Acq: 24 Jan 2022 9:27

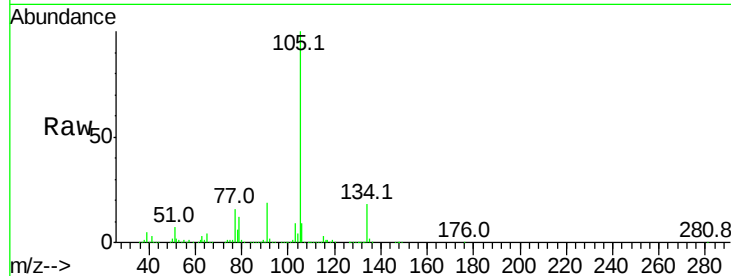
Tgt Ion: 91 Resp: 62709
 Ion Ratio Lower Upper
 91 100
 126 35.8 16.0 24.0#
 128 12.4 5.0 7.6#



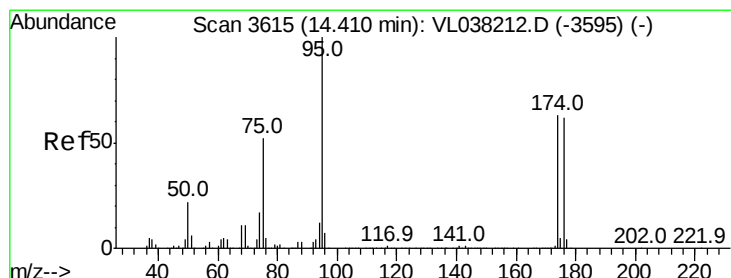
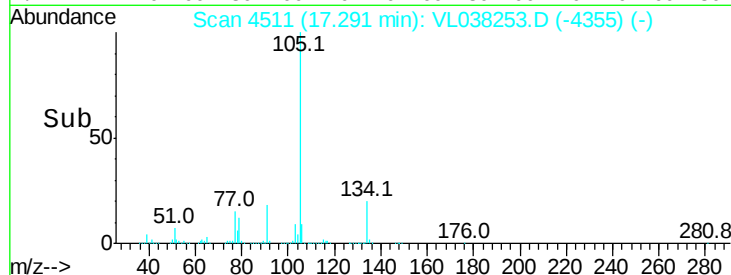
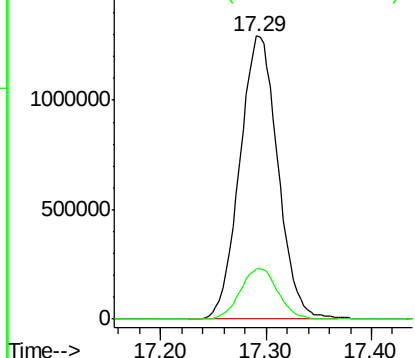


#67
 sec-Butylbenzene
 Concen: 6.177 ppbv
 RT: 17.29
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDICCC010
 Acq: 24 Jan 2022 9:27

Tgt Ion: 105 Resp: 3247088
 Ion Ratio Lower Upper
 105 100
 134 17.9 14.6 22.0

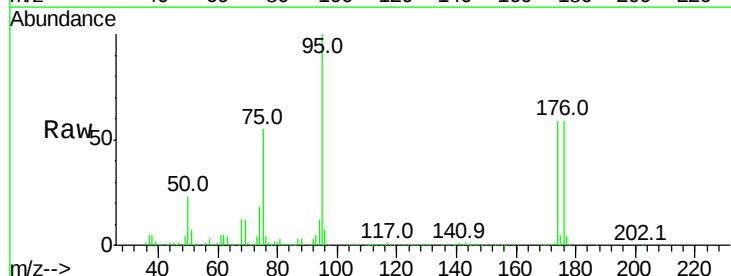


Abundance Ion 105.10 (104.80 to 105.80): V
 Ion 134.20 (133.90 to 134.90): V

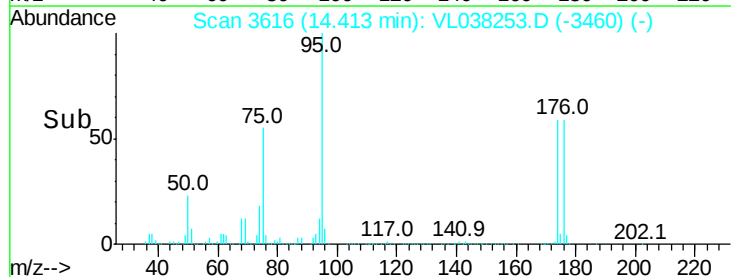
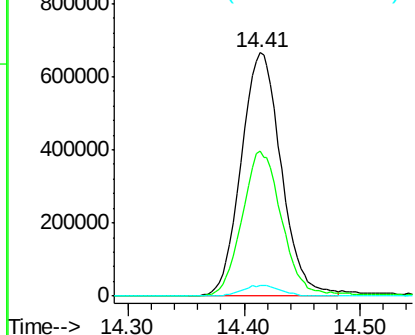


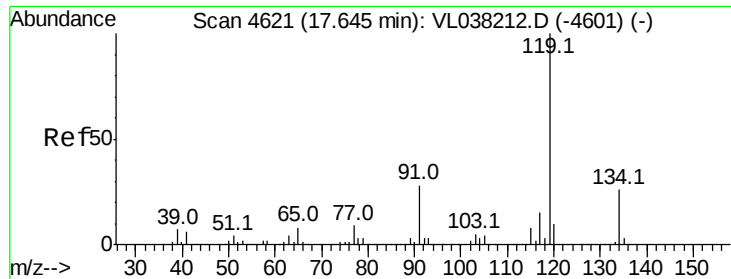
#68
 1-Bromo-4-Fluorobenzene
 Concen: 8.257 ppbv
 RT: 14.41 min Scan# 3616
 Delta R.T. 0.00 min
 Lab File: VL038253.D
 Acq: 24 Jan 2022 9:27

Tgt Ion: 95 Resp: 1601445
 Ion Ratio Lower Upper
 95 100
 174 60.4 54.6 81.8
 175 4.4 4.1 6.1



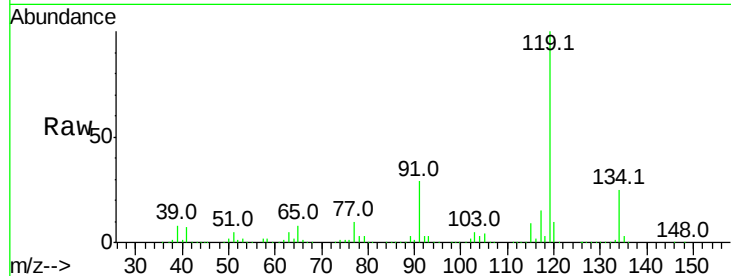
Abundance Ion 95.10 (94.80 to 95.80): VL0
 Ion 174.00 (173.70 to 174.70): V
 Ion 175.00 (174.70 to 175.70): V



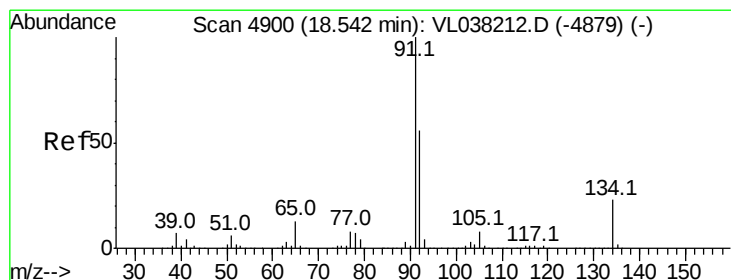
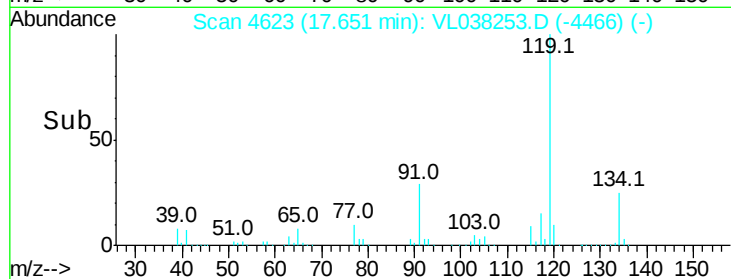
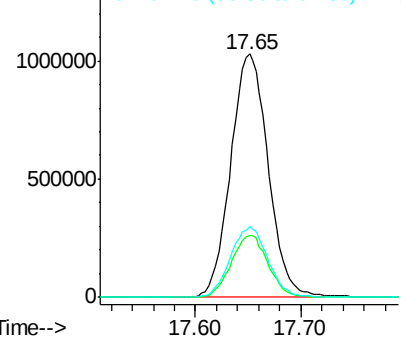


#69
 p-Isopropyltoluene
 Concen: 6.025 ppbv
 RT: 17.65 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDICCC010
 Acq: 24 Jan 2022 9:27

Tgt Ion: 119 Resp: 2546943
 Ion Ratio Lower Upper
 119 100
 134 25.2 20.4 30.6
 91 29.0 22.4 33.6

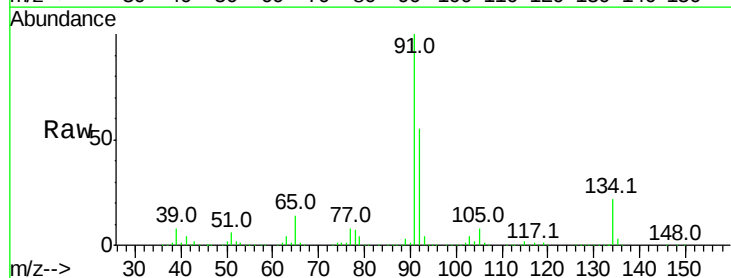


Abundance Ion 119.10 (118.80 to 119.80): V
 Ion 134.20 (133.90 to 134.90): V
 Ion 91.10 (90.80 to 91.80): VL0

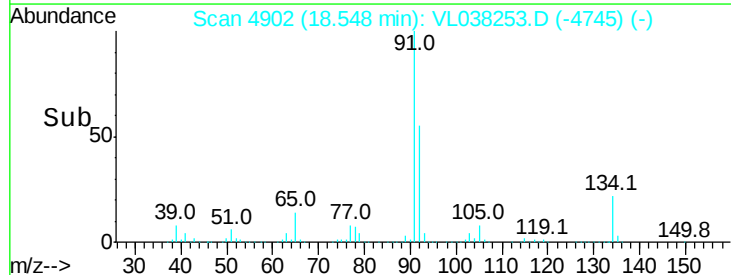
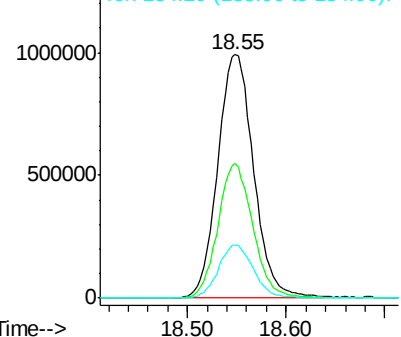


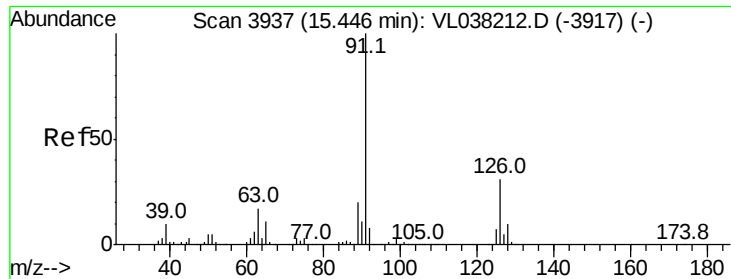
#70
 n-Butylbenzene
 Concen: 6.229 ppbv
 RT: 18.55 min Scan# 4902
 Delta R.T. 0.01 min
 Lab File: VL038253.D
 Acq: 24 Jan 2022 9:27

Tgt Ion: 91 Resp: 2503813
 Ion Ratio Lower Upper
 91 100
 92 54.2 44.0 66.0
 134 21.6 18.5 27.7



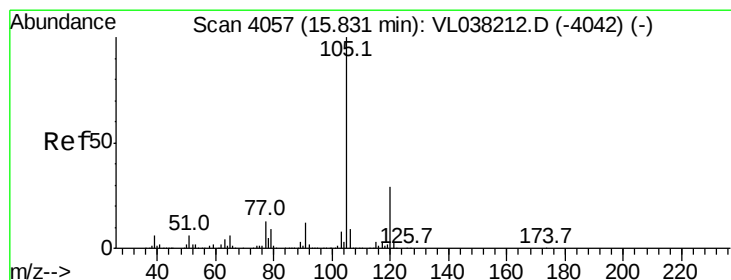
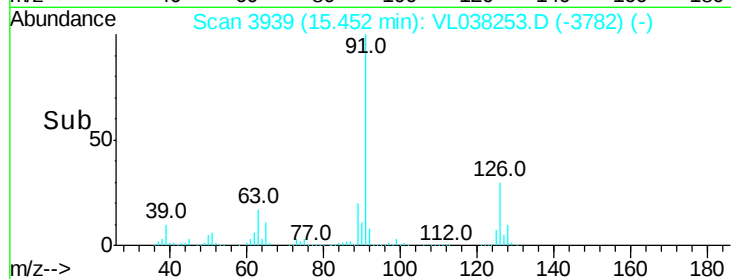
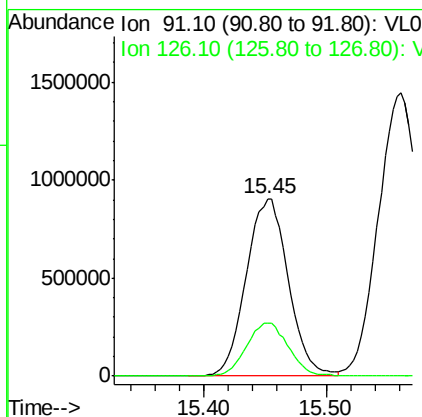
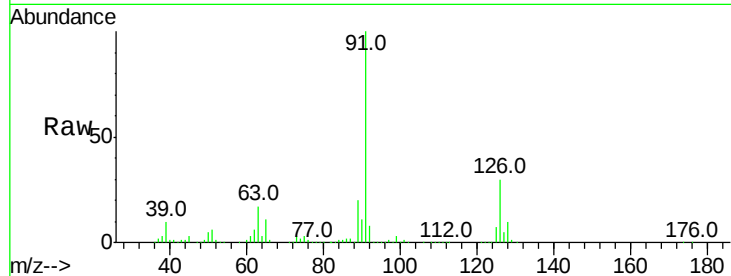
Abundance Ion 91.10 (90.80 to 91.80): VL0
 Ion 92.10 (91.80 to 92.80): VL0
 Ion 134.20 (133.90 to 134.90): V





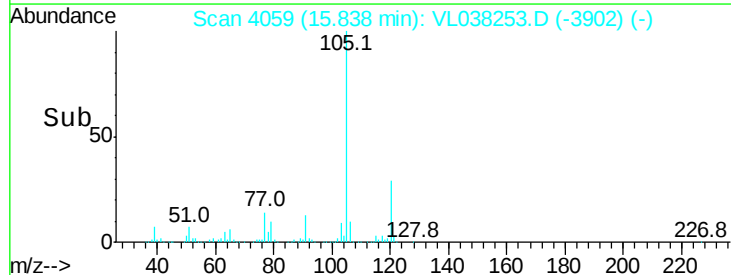
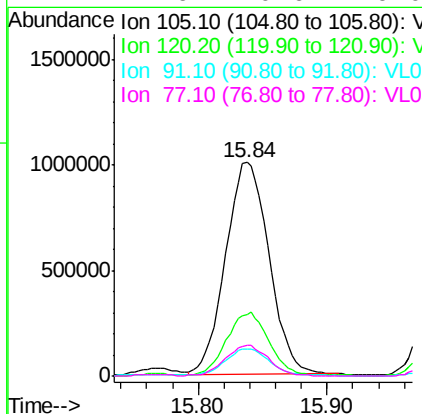
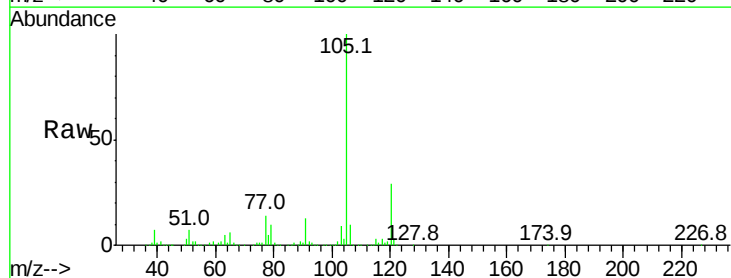
#71
 2-Chlorotoluene
 Concen: 6.687 ppbv
 RT: 15.45 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VSTDICCC010
 Acq: 24 Jan 2022 9:27

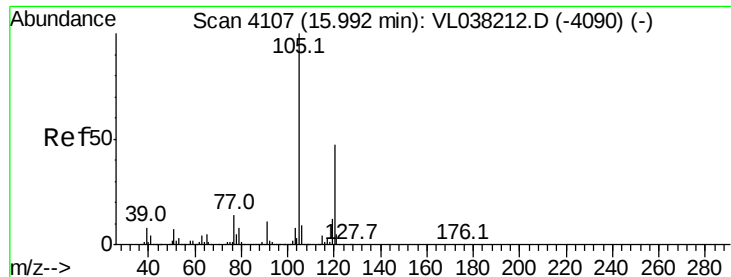
Tgt Ion: 91 Resp: 2163140
 Ion Ratio Lower Upper
 91 100
 126 30.3 12.8 51.0



#72
 4-Ethyltoluene
 Concen: 6.609 ppbv
 RT: 15.84 min Scan# 4059
 Delta R.T. 0.01 min
 Lab File: VL038253.D
 Acq: 24 Jan 2022 9:27

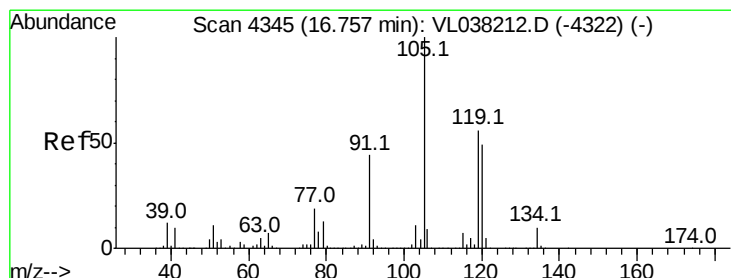
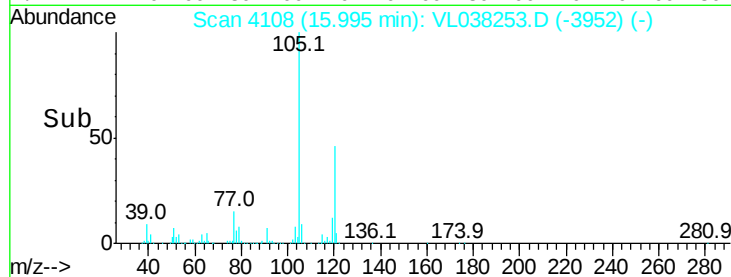
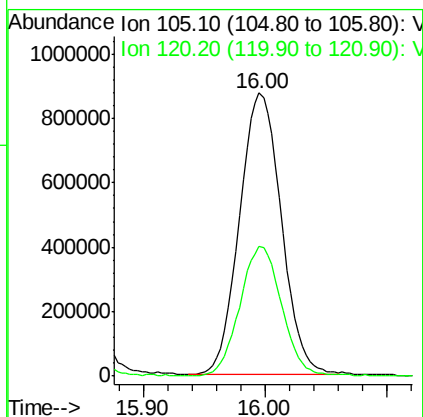
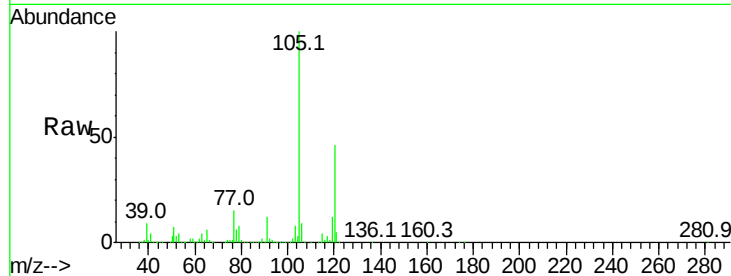
Tgt Ion: 105 Resp: 2355899
 Ion Ratio Lower Upper
 105 100
 120 29.8 24.3 36.5
 91 12.8 9.8 14.6
 77 14.6 10.6 16.0





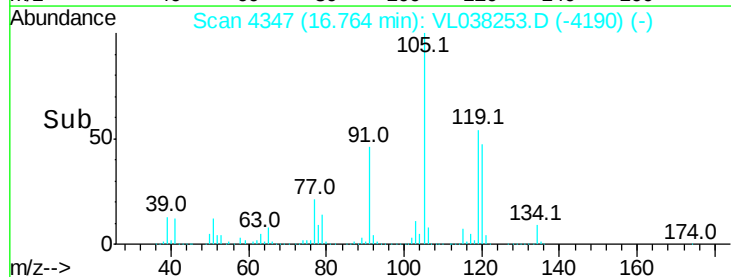
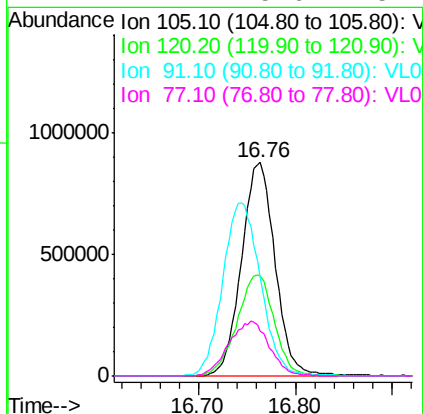
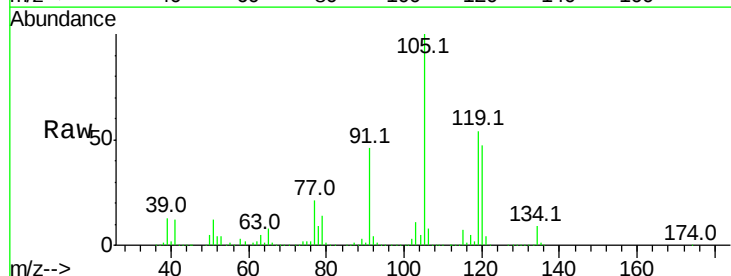
#73
 1,3,5-Trimethylbenzene
 Concen: 6.492 ppbv
 RT: 16.00
 Delta R.T. MSVOA_1
 Lab File: ClientSampleId :
 VSTDICCC010
 Acq: 24 Jan 2022 9:27

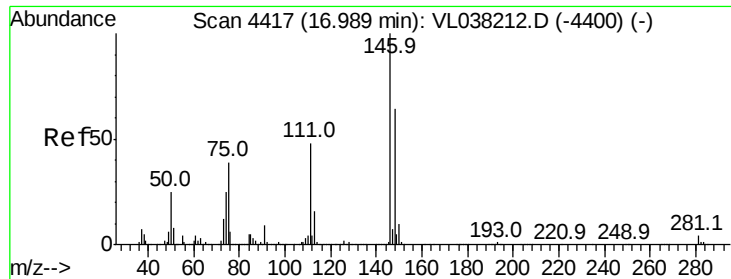
Tgt Ion:105 Resp: 2071128
 Ion Ratio Lower Upper
 105 100
 120 45.8 37.3 55.9



#74
 1,2,4-Trimethylbenzene
 Concen: 6.316 ppbv
 RT: 16.76 min Scan# 4347
 Delta R.T. 0.01 min
 Lab File: VL038253.D
 Acq: 24 Jan 2022 9:27

Tgt Ion:105 Resp: 2116414
 Ion Ratio Lower Upper
 105 100
 120 46.5 39.4 59.2
 91 45.8 35.0 52.4
 77 21.1 15.6 23.4





#75

1,3-Dichlorobenzene

Concen: 6.294 ppbv

RT: 17.00

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 24 Jan 2022 9:27

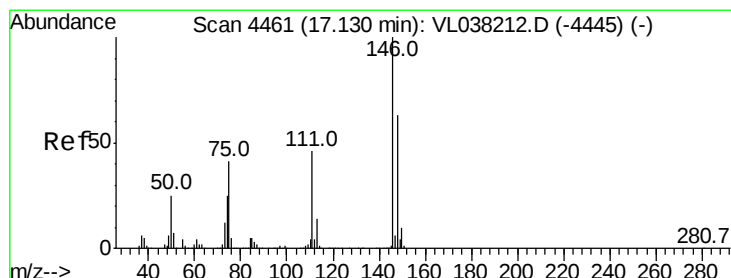
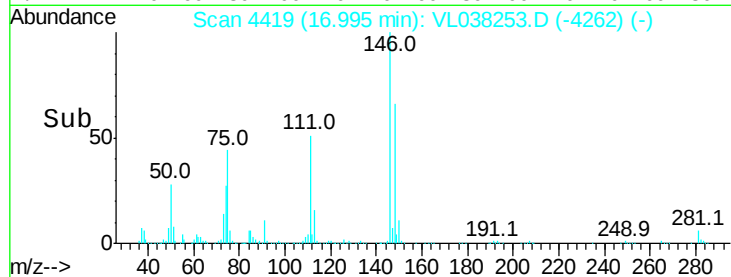
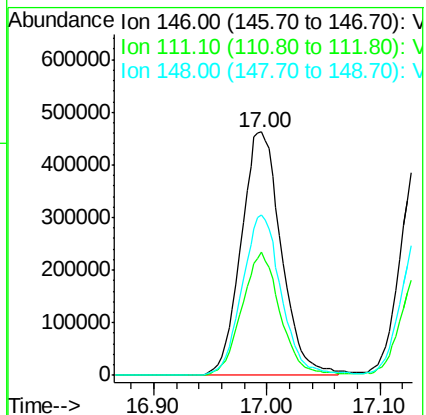
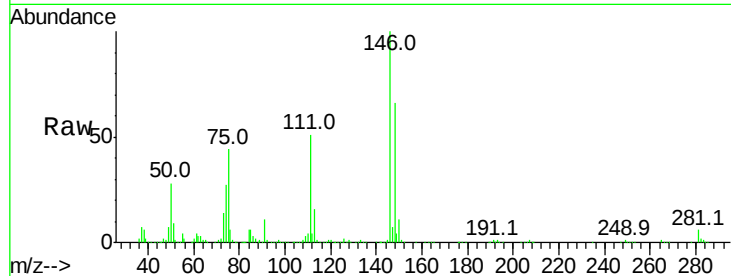
Tgt Ion:146 Resp: 1139116

Ion Ratio Lower Upper

146 100

111 48.3 23.8 71.4

148 64.3 32.3 96.8



#76

1,4-Dichlorobenzene

Concen: 6.216 ppbv

RT: 17.14 min Scan# 4463

Delta R.T. 0.01 min

Lab File: VL038253.D

Acq: 24 Jan 2022 9:27

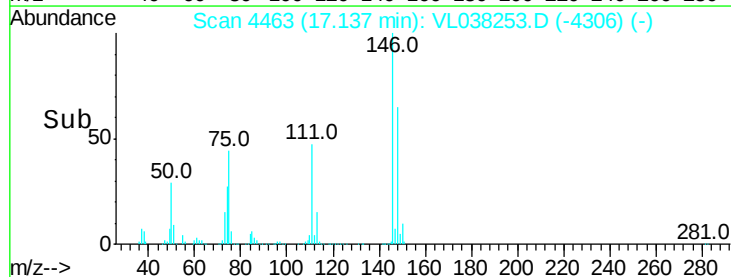
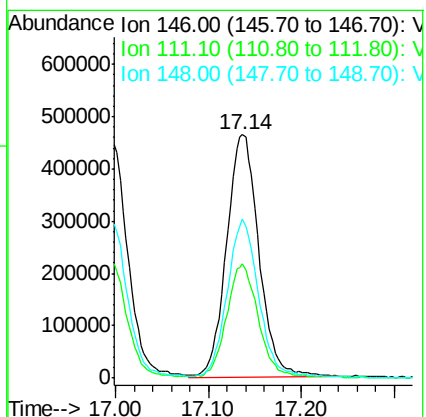
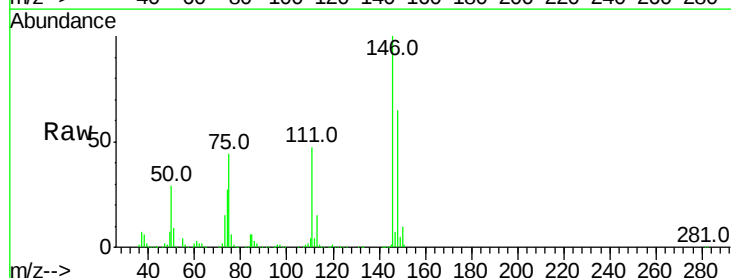
Tgt Ion:146 Resp: 1116182

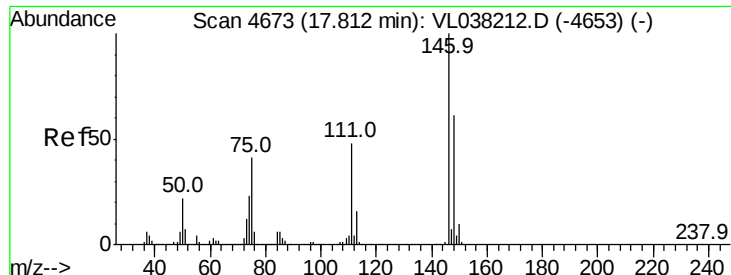
Ion Ratio Lower Upper

146 100

111 46.4 23.6 71.0

148 64.7 33.1 99.5

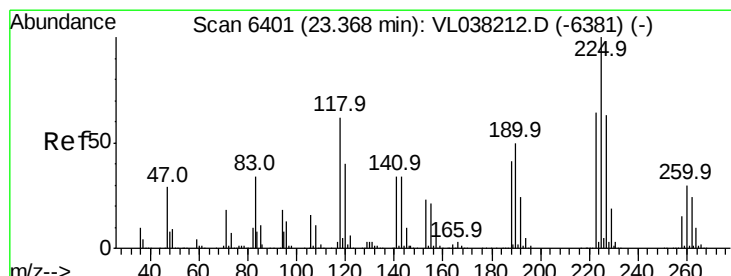
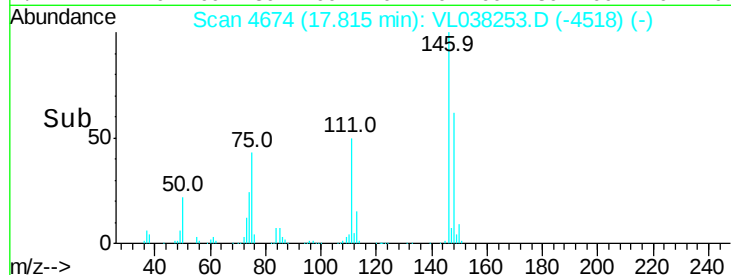
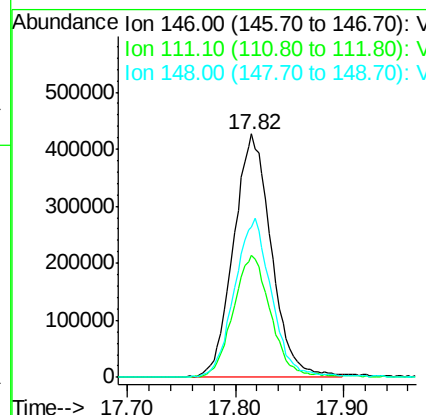
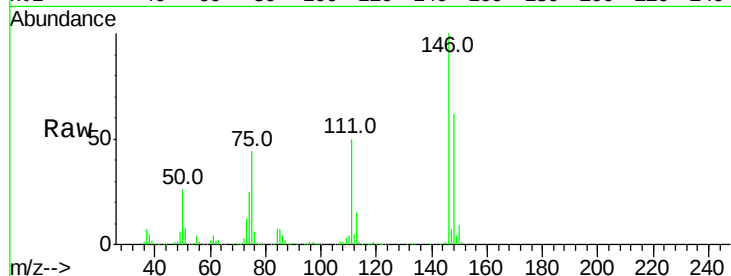




#77
 1,2-Dichlorobenzene
 Concen: 5.950 ppbv
 RT: 17.82 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VSTDICCC010
 Acq: 24 Jan 2022 9:27

Tgt Ion:146 Resp: 1031063

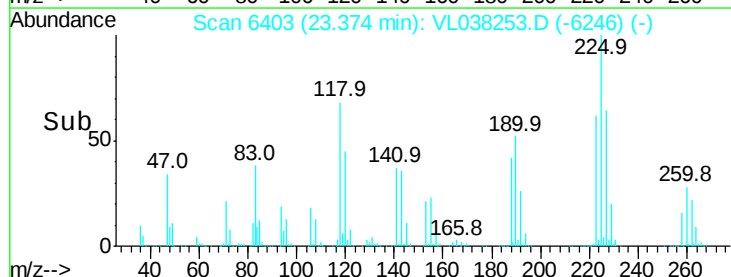
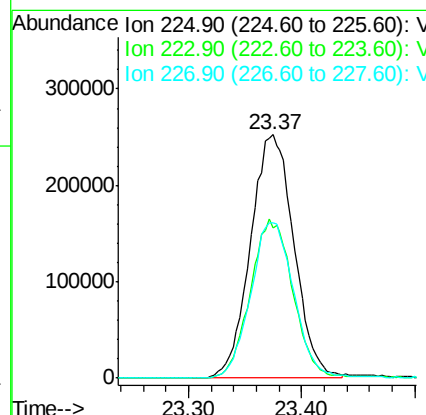
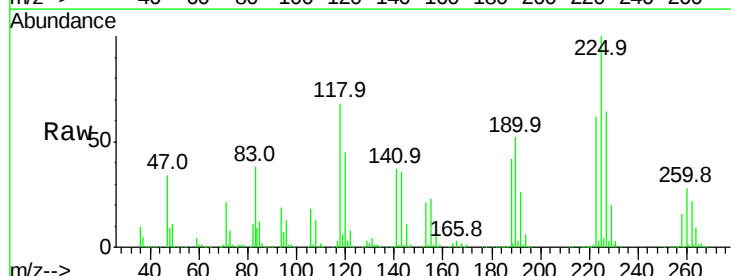
Ion	Ratio	Lower	Upper
146	100		
111	50.4	24.9	74.7
148	65.2	32.1	96.3

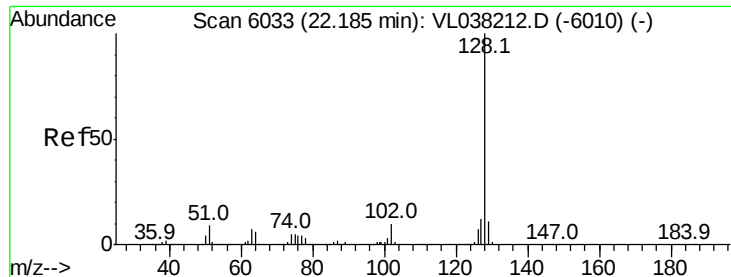


#78
 Hexachloro-1,3-Butadiene
 Concen: 6.302 ppbv
 RT: 23.37 min Scan# 6403
 Delta R.T. 0.01 min
 Lab File: VL038253.D
 Acq: 24 Jan 2022 9:27

Tgt Ion:225 Resp: 673894

Ion	Ratio	Lower	Upper
225	100		
223	64.6	51.5	77.3
227	64.2	51.9	77.9

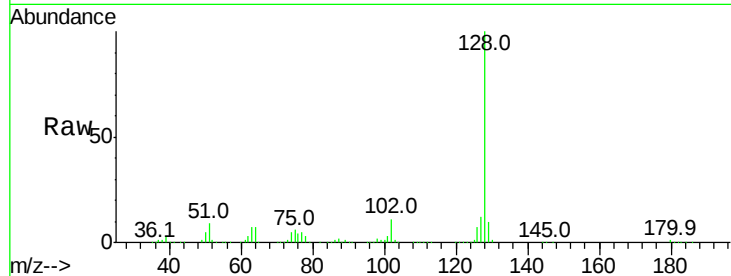




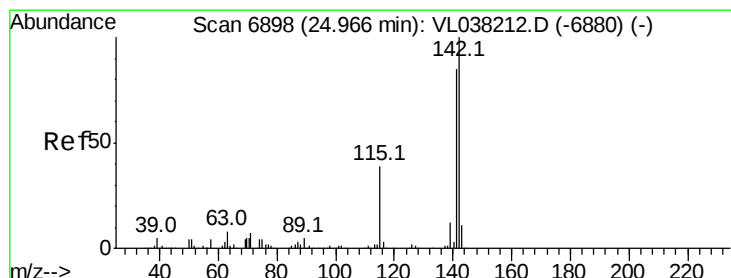
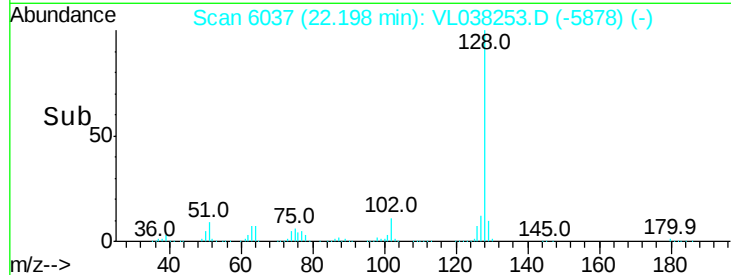
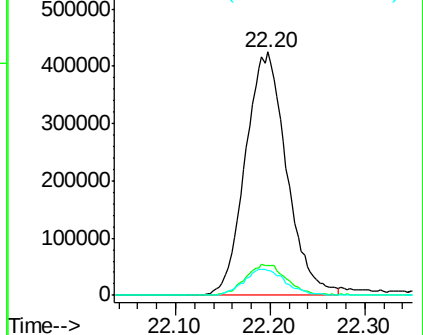
#79
Naphthalene
Concen: 7.427 ppbv
RT: 22.20 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId : VSTDICCC010
Acq: 24 Jan 2022 9:27

Tgt Ion:128 Resp: 1285543

Ion	Ratio	Lower	Upper
128	100		
127	12.1	9.6	14.4
129	10.1	9.2	13.8



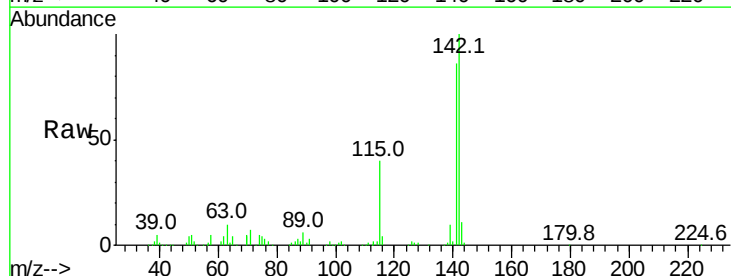
Abundance Ion 128.10 (127.80 to 128.80): V
Ion 127.10 (126.80 to 127.80): V
Ion 129.10 (128.80 to 129.80): V



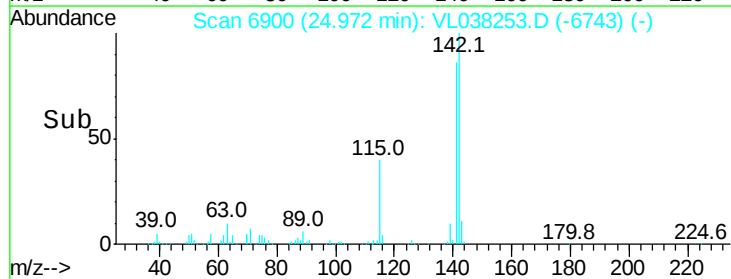
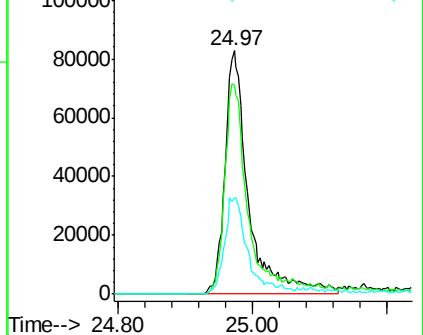
#80
Naphthalene, 2-methyl-
Concen: 5.951 ppbv
RT: 24.97 min Scan# 6900
Delta R.T. 0.01 min
Lab File: VL038253.D
Acq: 24 Jan 2022 9:27

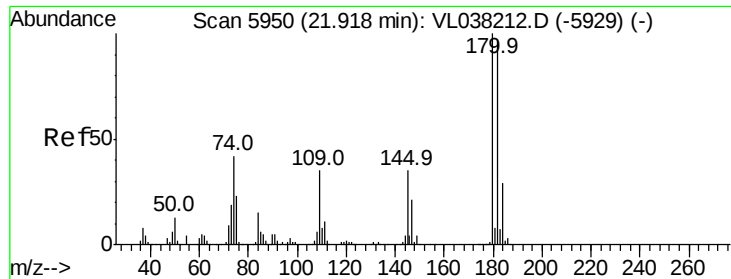
Tgt Ion:142 Resp: 204371

Ion	Ratio	Lower	Upper
142	100		
141	87.8	66.7	100.1
115	39.7	29.4	44.0



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: 6.873 ppbv
 RT: 21.93
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 VSTDICCC010
 Acq: 24 Jan 2022 9.27

Tgt Ion:180 Resp: 680281
 Ion Ratio Lower Upper
 180 100
 182 97.1 78.2 117.2
 184 30.5 25.7 38.5

