

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL122222\
 Data File : VL040061.D
 Acq On : 22 Dec 2022 10:11
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Dec 23 06:25:35 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121922AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022

QLast Update : Tue Dec 20 04:50:21 2022

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	5.166	49	906169	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.626	114	2509029	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.442	117	2367130	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.754 95 1863387 10.305 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 103.100%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.703	85	1484870	8.754 ppbv	98
3) Chlorodifluoromethane	2.649	51	1182817	8.847 ppbv	98
4) Chloromethane	2.787	50	728892	8.701 ppbv	95
5) Vinyl Chloride	2.893	62	650416	9.596 ppbv	97
6) Bromomethane	3.096	94	230899	9.271 ppbv	95
7) Chloroethane	3.170	64	224056	8.761 ppbv	96
8) Dichlorotetrafluoroethane	2.832	85	1602534	8.980 ppbv	99
9) Propene	2.668	41	498072	8.778 ppbv	99
10) Heptane	7.552	43	1258831	9.090 ppbv	99
11) Trichlorofluoromethane	3.536	101	1715807	9.309 ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.038	101	1304360	9.344 ppbv	99
13) Ethanol	3.215	45	37954	7.107 ppbv	87
14) Bromoethene	3.340	108	508584	9.675 ppbv	99
15) Acetone	3.440	43	1164508	8.307 ppbv	100
16) 1,3-Butadiene	2.961	39	582100	9.553 ppbv	99
17) tert-Butyl alcohol	3.848	59	1232953	8.922 ppbv	100
18) 1,1-Dichloroethene	3.851	96	563470	9.274 ppbv	98
19) Isopropyl Alcohol	3.549	45	621785	9.000 ppbv #	98
20) Methylene Chloride	3.906	84	495567	8.317 ppbv	99
21) Allyl Chloride	3.970	41	804458	9.550 ppbv	99
22) trans-1,2-Dichloroethene	4.420	96	582744	9.623 ppbv	97
23) Vinyl Acetate	4.600	43	444913	10.011 ppbv	99
24) 1,1-Dichloroethane	4.536	63	1186301	9.090 ppbv	99
25) Ethyl Acetate	5.179	43	2177174	8.968 ppbv	99
26) Hexane	5.185	57	911843	8.937 ppbv	99
27) Carbon Disulfide	4.099	76	1429180	11.105 ppbv	99
28) Methyl tert-Butyl Ether	4.559	73	1068494	8.885 ppbv	100
29) Chloroform	5.247	83	1416654	9.098 ppbv	100
30) Cyclohexane	6.574	84	828411	9.168 ppbv	99
31) cis-1,2-Dichloroethene	5.050	61	896909	9.230 ppbv	98
32) 1,1,1-Trichloroethane	5.976	97	1671014	10.024 ppbv	99
34) 2-Butanone	4.758	43	1288674	9.468 ppbv	99
35) Carbon Tetrachloride	6.465	117	1721605	11.047 ppbv	100
36) Benzene	6.343	78	2116329	9.444 ppbv	98
37) 1,2-Dichloroethane	5.777	62	1291737	9.827 ppbv	98
38) Trichloroethene	7.266	130	1228795	10.671 ppbv	96
39) 1,2-Dichloropropane	7.047	63	801639	9.544 ppbv	94
40) 1,4-Dioxane	7.263	88	336314	8.884 ppbv	88
41) Tetrahydrofuran	5.530	42	794385	9.350 ppbv	98
42) Bromodichloromethane	7.224	83	1847404	10.258 ppbv	99
43) Methyl Methacrylate	7.449	69	832885	9.904 ppbv	98
44) 2,2,4-Trimethylpentane	7.298	57	3443209	9.334 ppbv	99
45) t-1,3-Dichloropropene	8.684	75	803260	11.301 ppbv	100

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 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

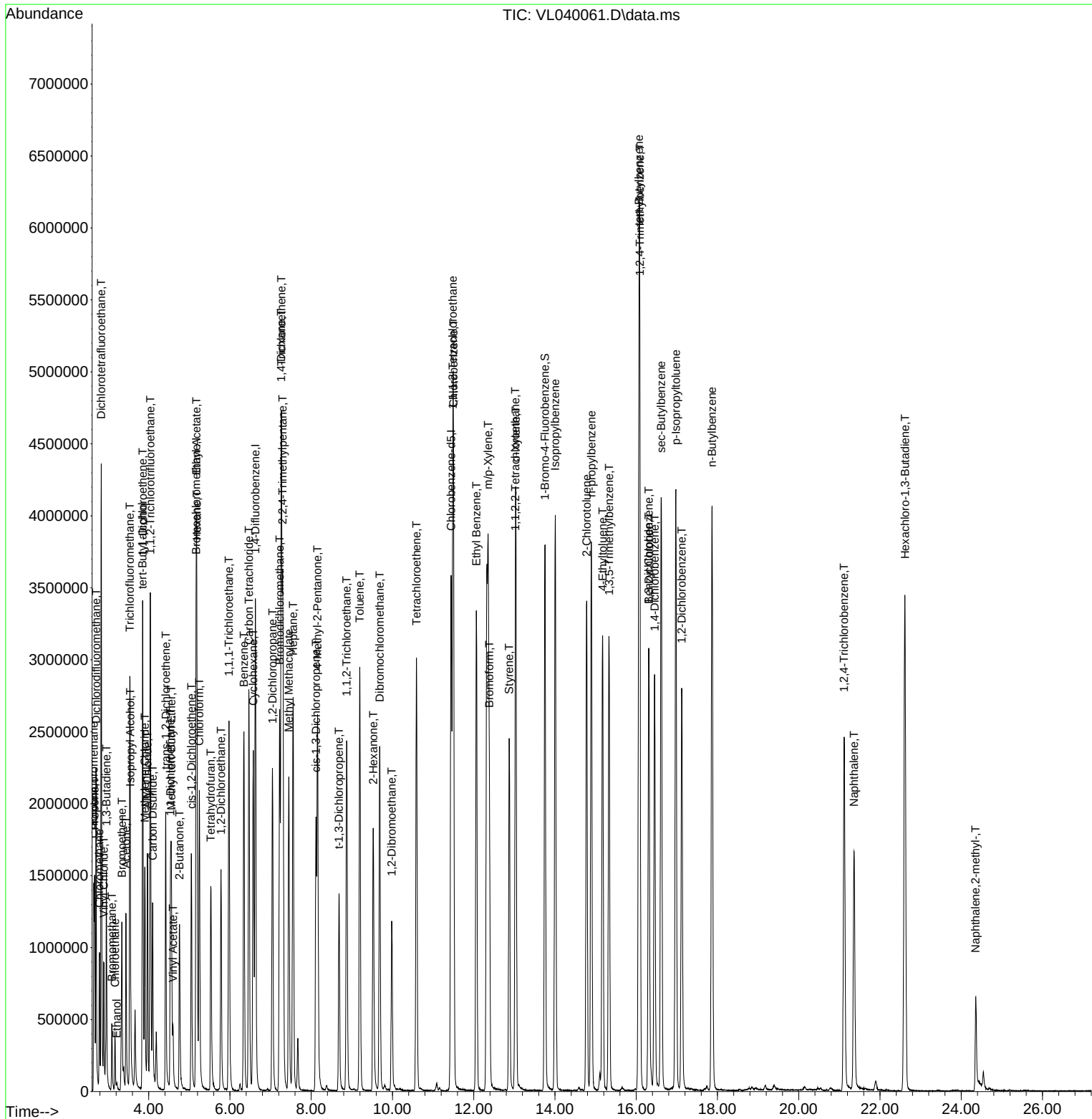
Instrument :
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 ClientSampleId :

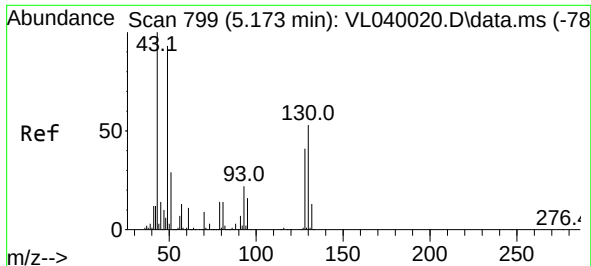
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 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Dec 20 04:50:21 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.118	75	1079007	10.763	ppbv	99
47) 1,1,2-Trichloroethane	8.873	97	863239	9.385	ppbv	99
48) Dibromochloromethane	9.687	129	1452293	10.382	ppbv	99
49) Bromoform	12.385	173	1061306	9.945	ppbv	99
50) 4-Methyl-2-Pentanone	8.156	43	2139149	9.620	ppbv	99
51) 2-Hexanone	9.526	43	1654022	9.562	ppbv #	100
52) Tetrachloroethene	10.594	164	694066	9.110	ppbv	94
53) Toluene	9.195	91	2366078	9.537	ppbv	100
54) 1,2-Dibromoethane	9.983	107	966552	9.758	ppbv	100
56) 1,1,1,2-Tetrachloroethane	11.484	131	1027187	9.407	ppbv	98
57) Chlorobenzene	11.504	112	1781753	8.867	ppbv	95
58) Ethyl Benzene	12.066	91	3150429	9.367	ppbv	99
59) m/p-Xylene	12.352	91	2836368	9.681	ppbv #	41
60) o-Xylene	13.037	91	2562591	9.129	ppbv	98
61) Styrene	12.873	104	1482669	9.848	ppbv	100
62) Isopropylbenzene	14.008	105	3560756	8.799	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.024	83	834895	8.113	ppbv	99
64) n-propylbenzene	14.896	120	896271	8.768	ppbv	96
65) tert-Butylbenzene	16.069	119	3032687	8.623	ppbv	98
66) Benzyl Chloride	16.307	91	186779	9.108	ppbv	99
67) sec-Butylbenzene	16.616	105	4223572	8.570	ppbv	100
69) p-Isopropyltoluene	16.976	119	3425631	8.701	ppbv	99
70) n-Butylbenzene	17.863	91	3617899	8.771	ppbv	99
71) 2-Chlorotoluene	14.780	91	2689473	8.710	ppbv	100
72) 4-Ethyltoluene	15.172	105	2805030	9.000	ppbv	99
73) 1,3,5-Trimethylbenzene	15.333	105	2489690	8.858	ppbv	97
74) 1,2,4-Trimethylbenzene	16.089	105	2688029	8.676	ppbv	97
75) 1,3-Dichlorobenzene	16.307	146	1479644	8.728	ppbv	99
76) 1,4-Dichlorobenzene	16.455	146	1450045	8.761	ppbv	99
77) 1,2-Dichlorobenzene	17.121	146	1426674	8.775	ppbv	99
78) Hexachloro-1,3-Butadiene	22.616	225	970827	8.607	ppbv #	100
79) Naphthalene	21.362	128	1148014	6.218	ppbv	99
80) Naphthalene,2-methyl-	24.355	142	455656	8.067	ppbv	96
81) 1,2,4-Trichlorobenzene	21.117	180	1019229	9.295	ppbv	100

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

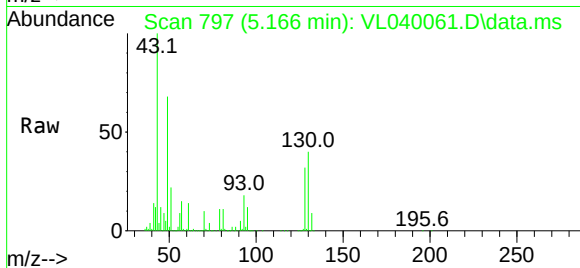
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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Tue Dec 20 04:50:21 2022
Response via : Initial Calibration



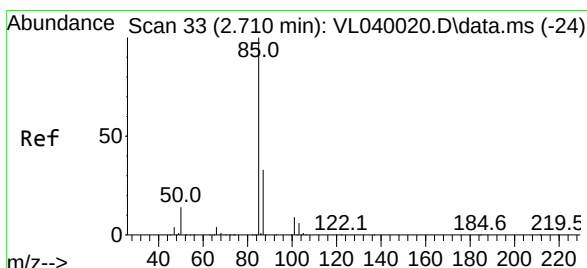
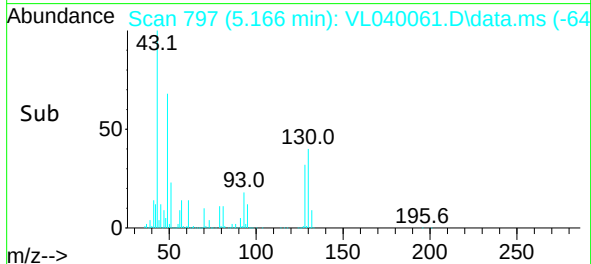
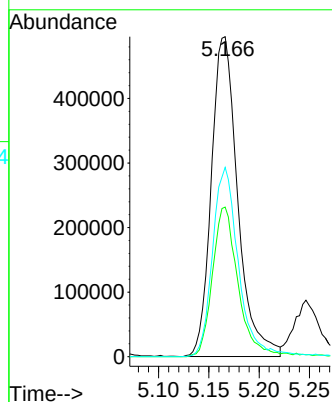


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.166 min Scan# 799
Delta R.T. -0.007 min
Lab File: VL040061.D
Acq: 22 Dec 2022 10:11

Instrument :
MSVOA_L
ClientSampleId :

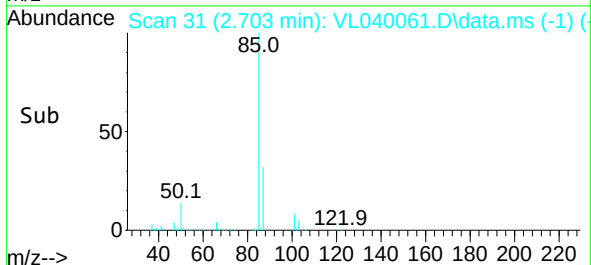
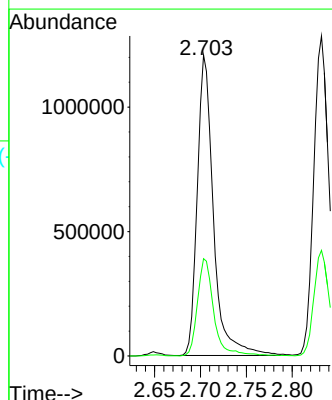
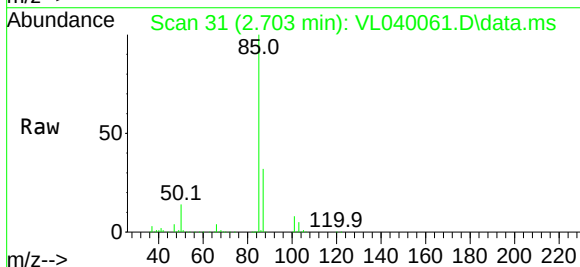


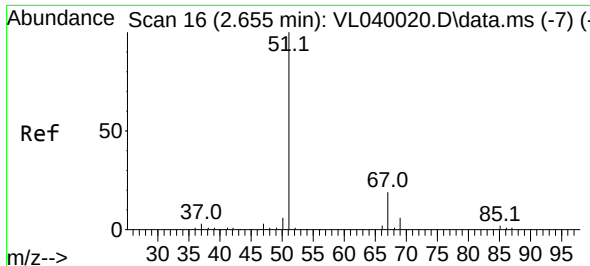
Tgt Ion: 49 Resp: 906169
Ion Ratio Lower Upper
49 100
128 46.1 22.4 67.3
130 58.5 28.9 86.8



#2
Dichlorodifluoromethane
Concen: 8.754 ppbv
RT: 2.703 min Scan# 31
Delta R.T. -0.006 min
Lab File: VL040061.D
Acq: 22 Dec 2022 10:11

Tgt Ion: 85 Resp: 1484870
Ion Ratio Lower Upper
85 100
87 32.4 26.6 40.0

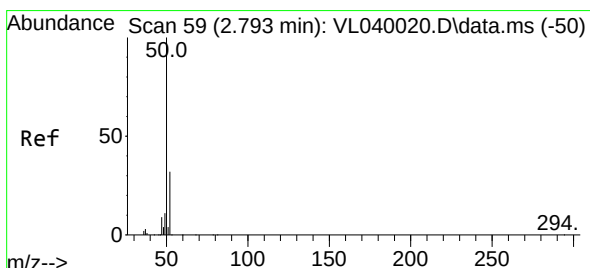
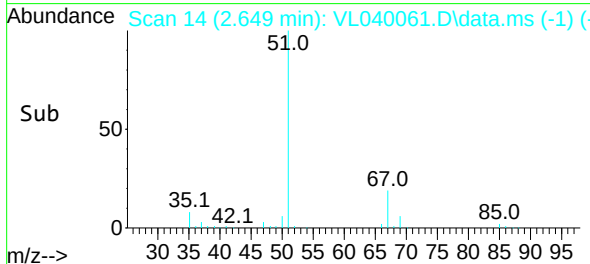
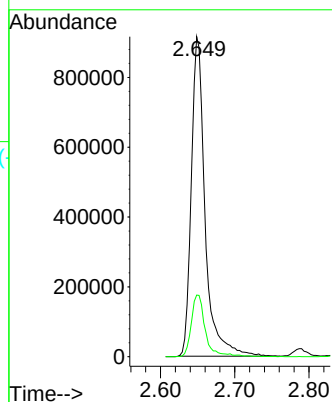
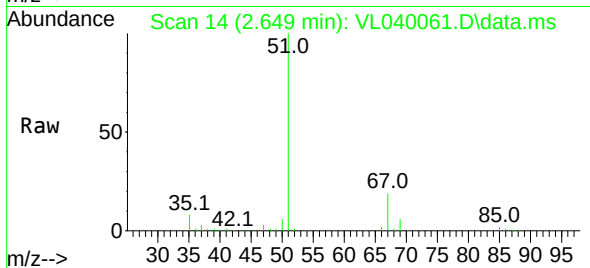




#3
Chlorodifluoromethane
Concen: 8.847 ppbv
RT: 2.649 min Scan# 14
Delta R.T. -0.006 min
Lab File: VL040061.D
Acq: 22 Dec 2022 10:11

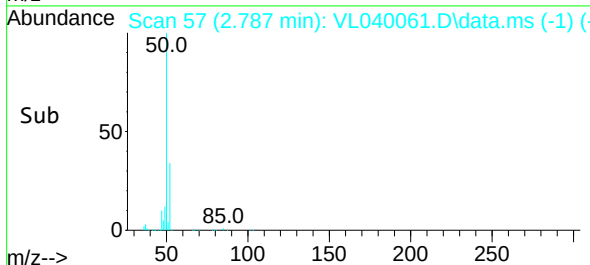
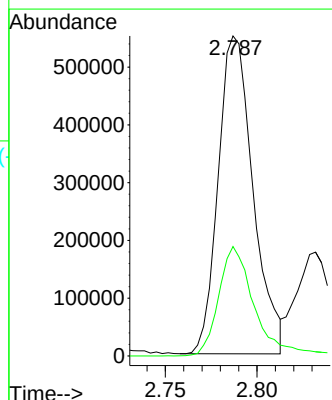
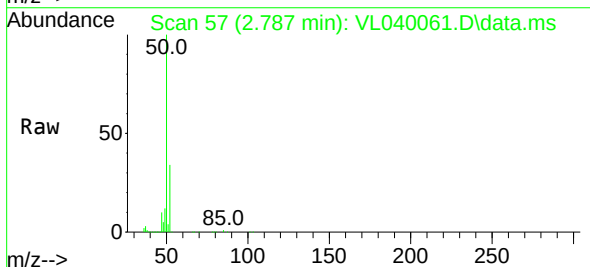
Instrument :
MSVOA_L
ClientSampleId :

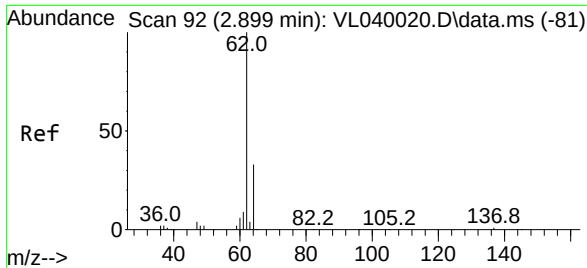
Tgt Ion: 51 Resp: 1182817
Ion Ratio Lower Upper
51 100
67 19.8 15.3 22.9



#4
Chloromethane
Concen: 8.701 ppbv
RT: 2.787 min Scan# 57
Delta R.T. -0.006 min
Lab File: VL040061.D
Acq: 22 Dec 2022 10:11

Tgt Ion: 50 Resp: 728892
Ion Ratio Lower Upper
50 100
52 34.4 25.5 38.3





#5

Vinyl Chloride

Concen: 9.596 ppbv

RT: 2.893 min Scan# 90

Delta R.T. -0.006 min

Lab File: VL040061.D

Acq: 22 Dec 2022 10:11

Instrument :

MSVOA_L

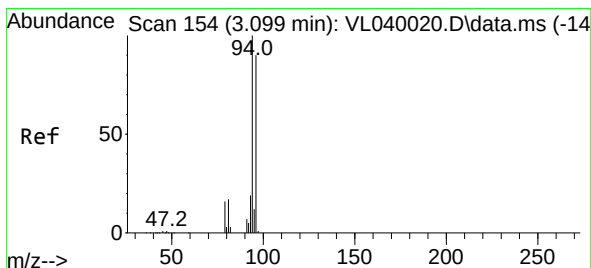
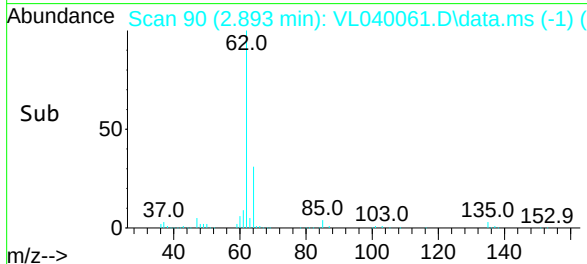
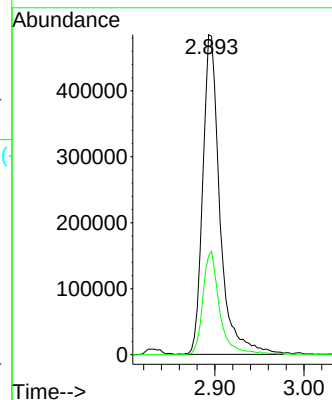
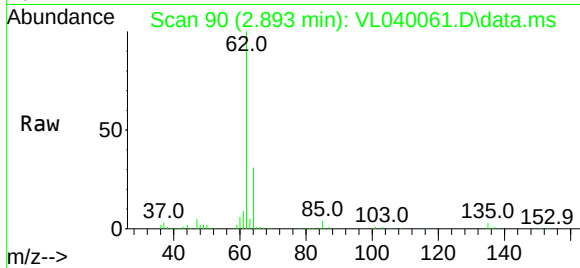
ClientSampleId :

Tgt Ion: 62 Resp: 650416

Ion Ratio Lower Upper

62 100

64 30.9 26.1 39.1



#6

Bromomethane

Concen: 9.271 ppbv

RT: 3.096 min Scan# 153

Delta R.T. -0.003 min

Lab File: VL040061.D

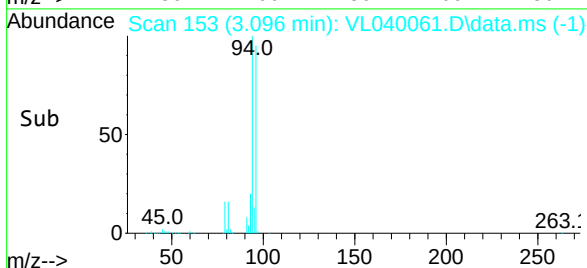
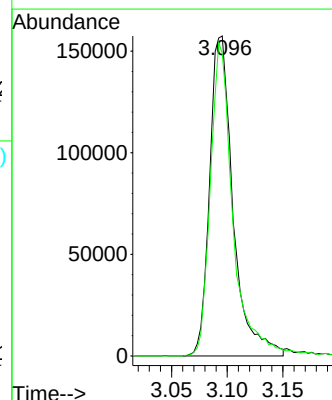
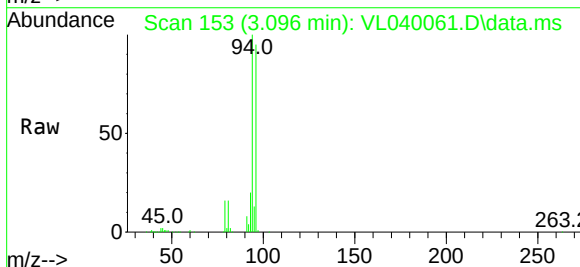
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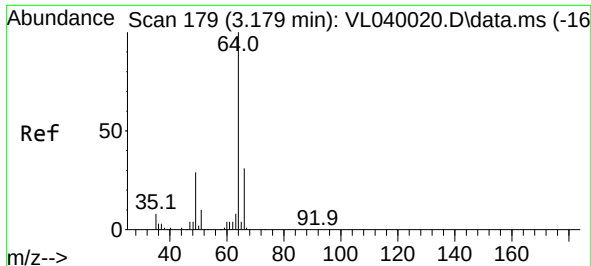
Tgt Ion: 94 Resp: 230899

Ion Ratio Lower Upper

94 100

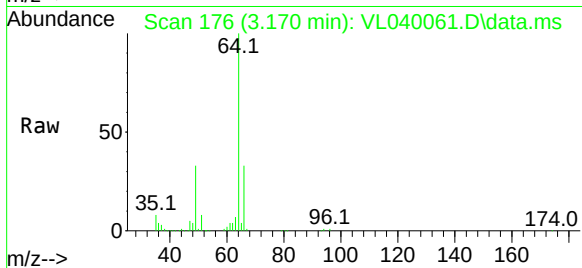
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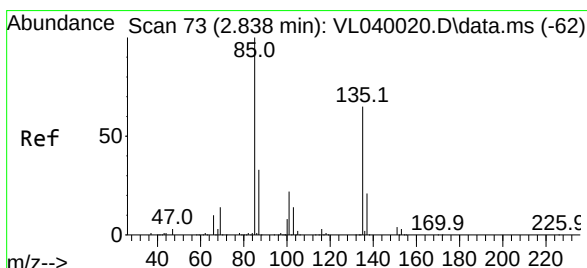
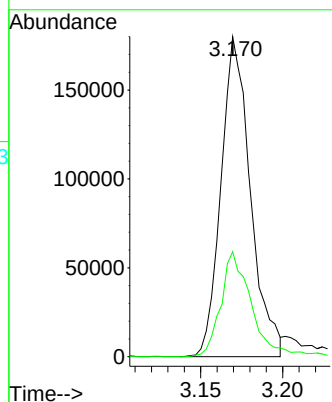
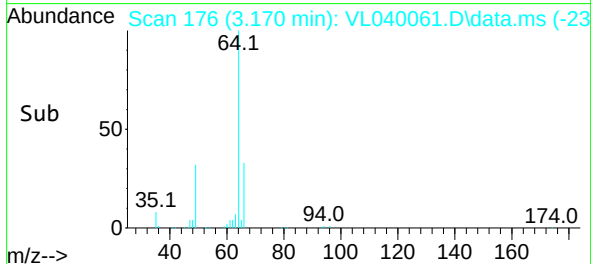


#7
Chloroethane
Concen: 8.761 ppbv
RT: 3.170 min Scan# 11
Delta R.T. -0.010 min
Lab File: VL040061.D
Acq: 22 Dec 2022 10:11

Instrument :
MSVOA_L
ClientSampleId :

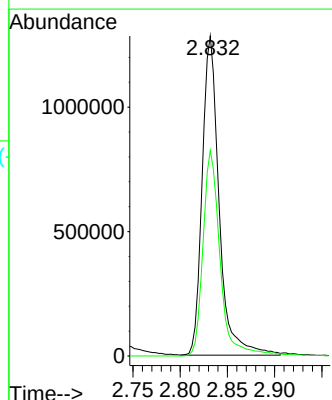
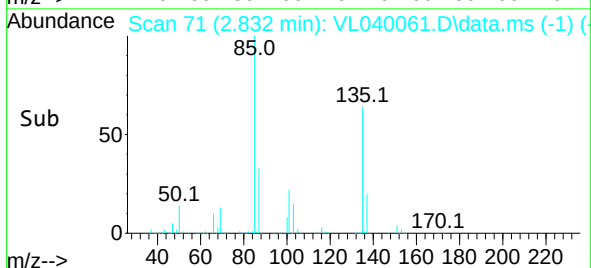
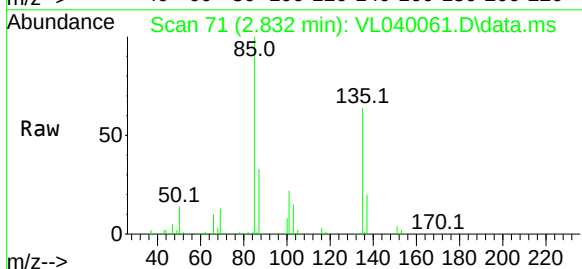


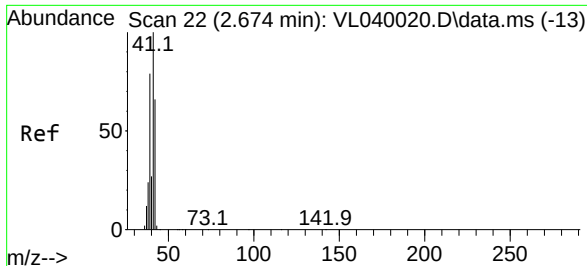
Tgt Ion: 64 Resp: 224056
Ion Ratio Lower Upper
64 100
66 32.8 24.6 37.0



#8
Dichlorotetrafluoroethane
Concen: 8.980 ppbv
RT: 2.832 min Scan# 71
Delta R.T. -0.006 min
Lab File: VL040061.D
Acq: 22 Dec 2022 10:11

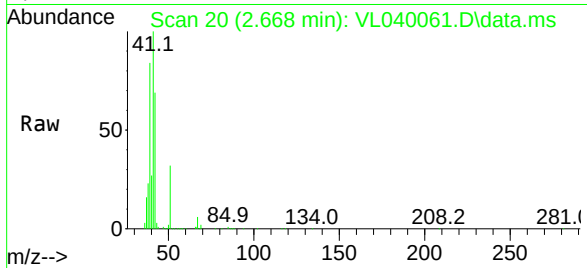
Tgt Ion: 85 Resp: 1602534
Ion Ratio Lower Upper
85 100
135 65.4 53.2 79.8



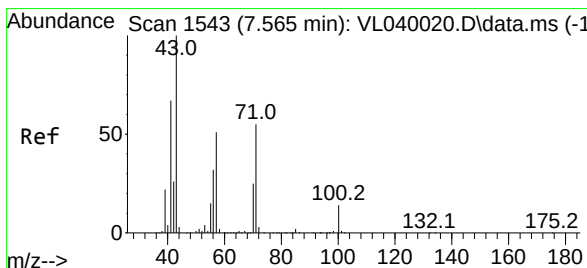
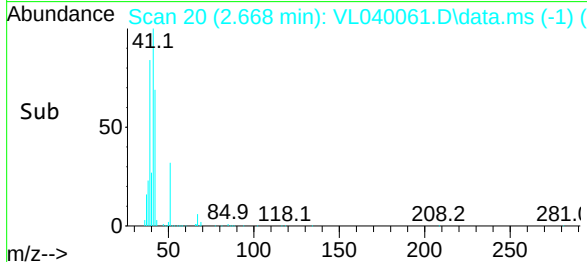
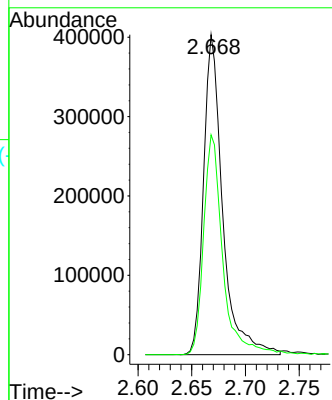


#9
 Propene
 Concen: 8.778 ppbv
 RT: 2.668 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VL040061.D
 Acq: 22 Dec 2022 10:11

Instrument :
 MSVOA_L
 ClientSampleId :

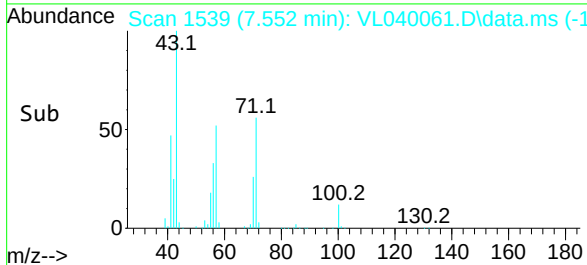
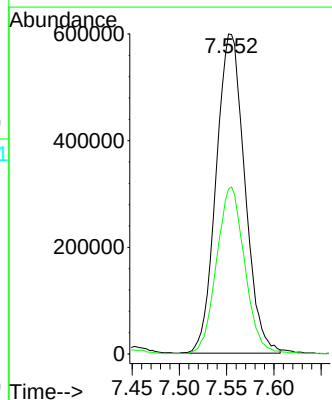
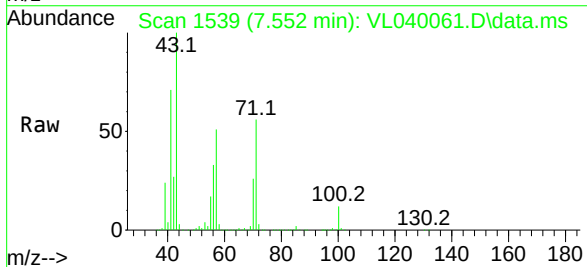


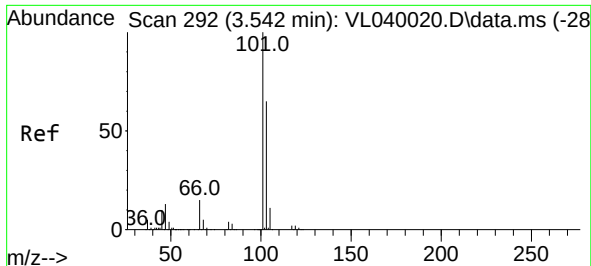
Tgt Ion: 41 Resp: 498072
 Ion Ratio Lower Upper
 41 100
 42 69.5 54.8 82.2



#10
 Heptane
 Concen: 9.090 ppbv
 RT: 7.552 min Scan# 1539
 Delta R.T. -0.013 min
 Lab File: VL040061.D
 Acq: 22 Dec 2022 10:11

Tgt Ion: 43 Resp: 1258831
 Ion Ratio Lower Upper
 43 100
 57 51.9 41.2 61.8

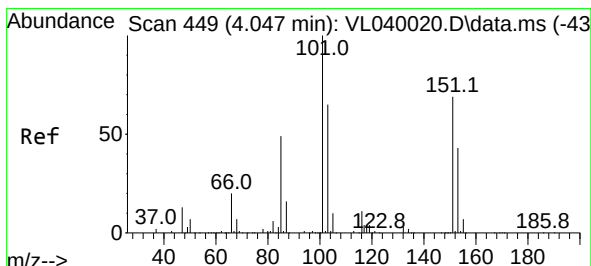
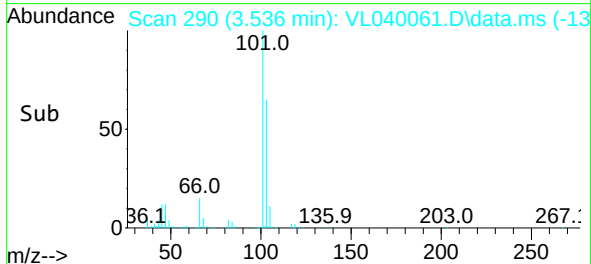
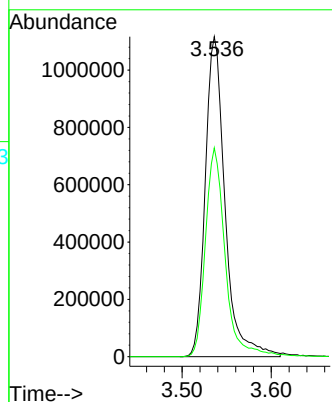
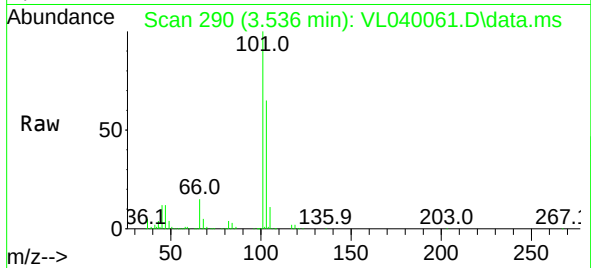




#11
 Trichlorofluoromethane
 Concen: 9.309 ppbv
 RT: 3.536 min Scan# 291
 Delta R.T. -0.006 min
 Lab File: VL040061.D
 Acq: 22 Dec 2022 10:11

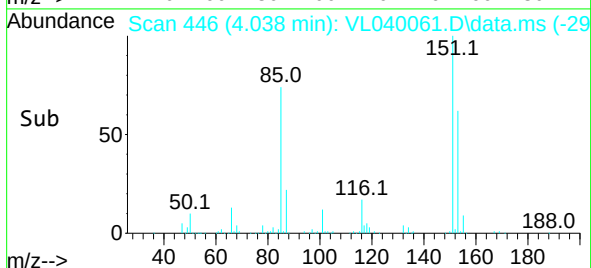
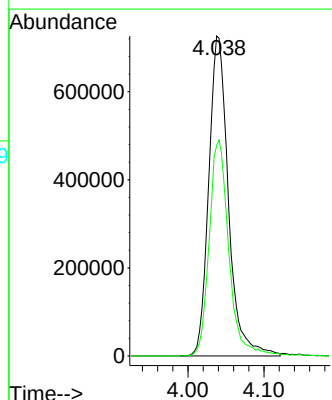
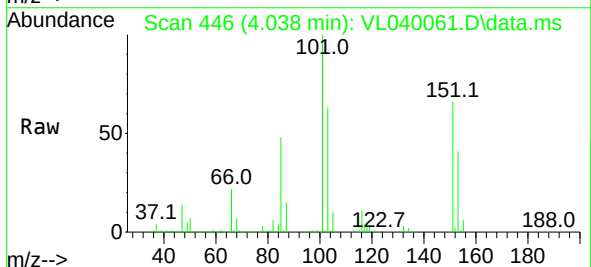
Instrument :
 MSVOA_L
 ClientSampleId :

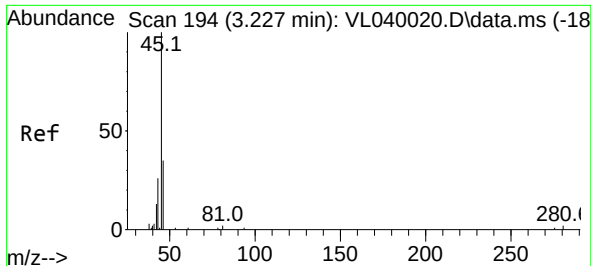
Tgt Ion:101 Resp: 1715807
 Ion Ratio Lower Upper
 101 100
 103 65.3 51.7 77.5



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.344 ppbv
 RT: 4.038 min Scan# 446
 Delta R.T. -0.010 min
 Lab File: VL040061.D
 Acq: 22 Dec 2022 10:11

Tgt Ion:101 Resp: 1304360
 Ion Ratio Lower Upper
 101 100
 151 67.8 55.0 82.4

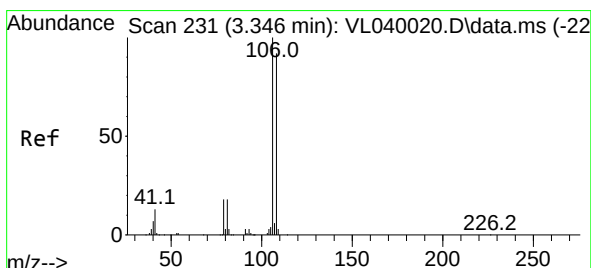
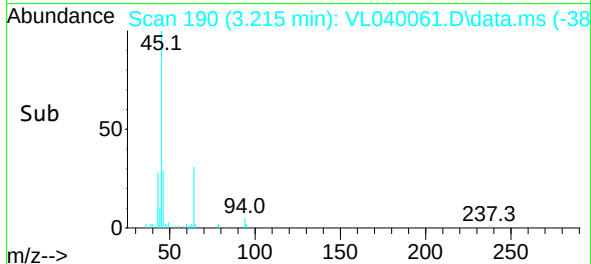
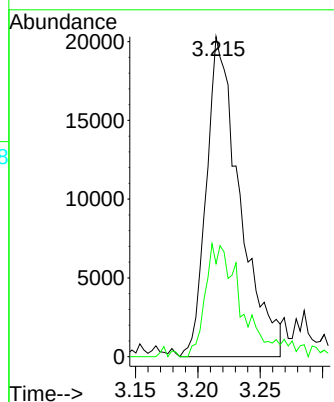
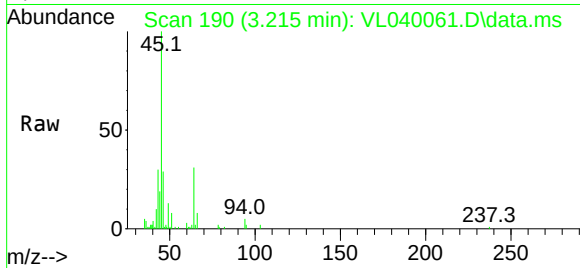




#13
Ethanol
Concen: 7.107 ppbv
RT: 3.215 min Scan# 19
Delta R.T. -0.013 min
Lab File: VL040061.D
Acq: 22 Dec 2022 10:11

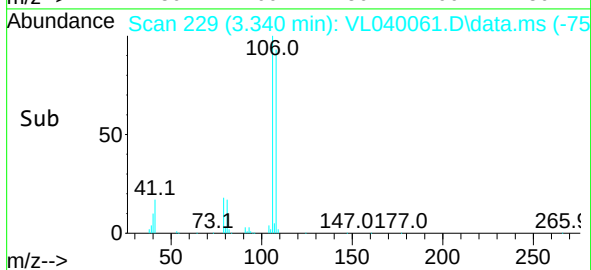
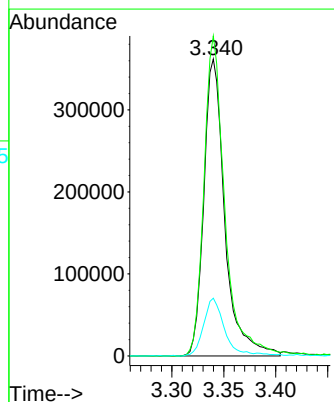
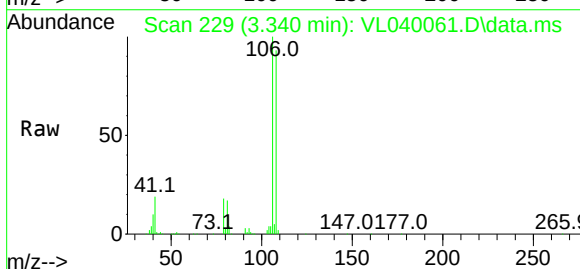
Instrument :
MSVOA_L
ClientSampleId :

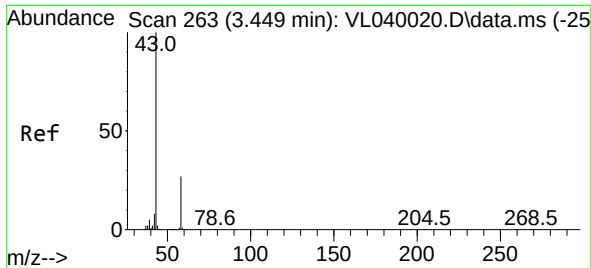
Tgt Ion: 45 Resp: 37954
Ion Ratio Lower Upper
45 100
46 41.5 13.7 54.7



#14
Bromoethene
Concen: 9.675 ppbv
RT: 3.340 min Scan# 229
Delta R.T. -0.006 min
Lab File: VL040061.D
Acq: 22 Dec 2022 10:11

Tgt Ion:108 Resp: 508584
Ion Ratio Lower Upper
108 100
106 108.6 87.5 131.3
79 19.8 15.8 23.8

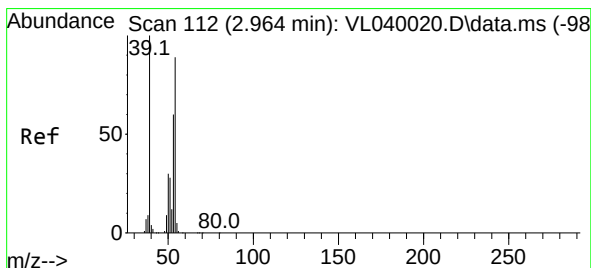
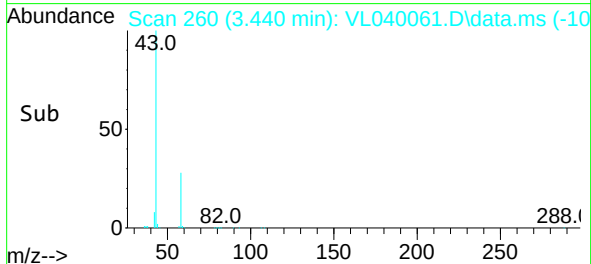
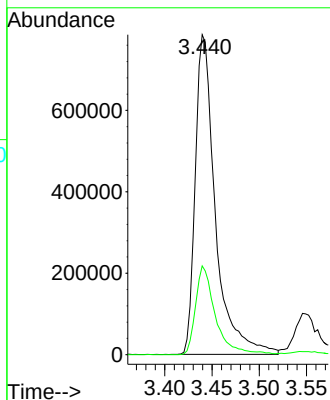
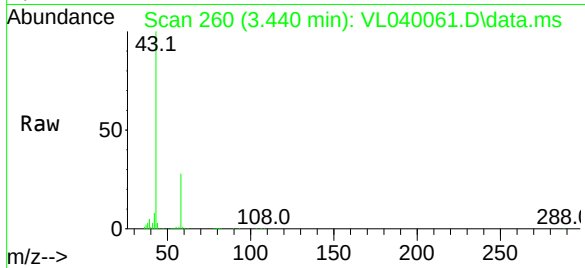




#15
Acetone
Concen: 8.307 ppbv
RT: 3.440 min Scan# 20
Delta R.T. -0.010 min
Lab File: VL040061.D
Acq: 22 Dec 2022 10:11

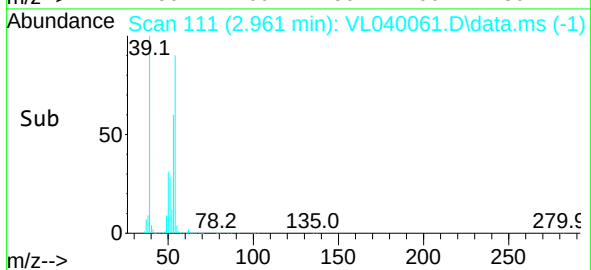
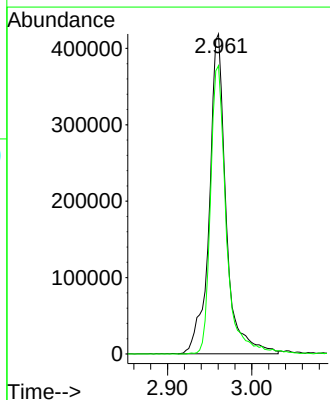
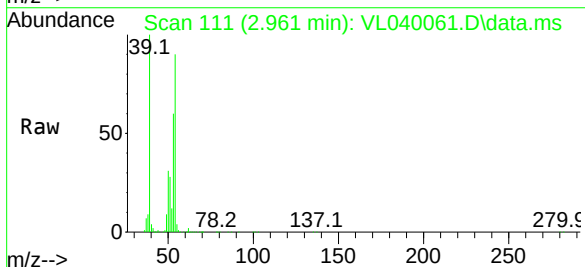
Instrument :
MSVOA_L
ClientSampleId :

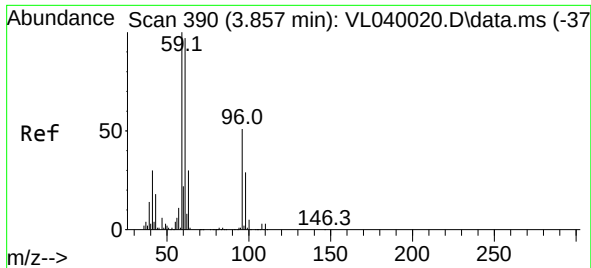
Tgt Ion: 43 Resp: 1164508
Ion Ratio Lower Upper
43 100
58 27.3 21.8 32.8



#16
1,3-Butadiene
Concen: 9.553 ppbv
RT: 2.961 min Scan# 111
Delta R.T. -0.003 min
Lab File: VL040061.D
Acq: 22 Dec 2022 10:11

Tgt Ion: 39 Resp: 582100
Ion Ratio Lower Upper
39 100
54 84.8 68.3 102.5

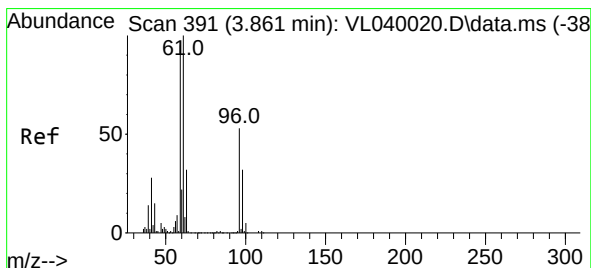
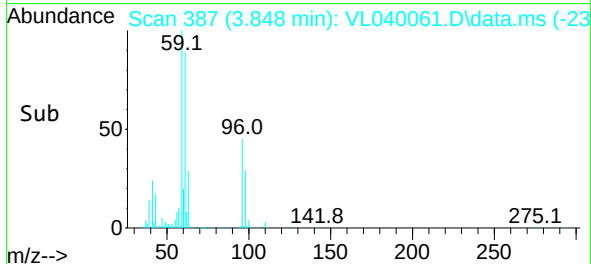
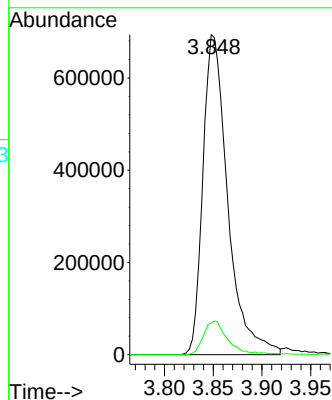
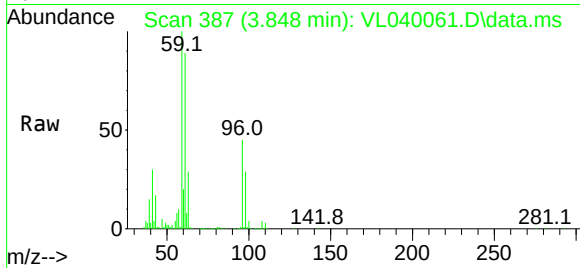




#17
tert-Butyl alcohol
Concen: 8.922 ppbv
RT: 3.848 min Scan# 31
Delta R.T. -0.010 min
Lab File: VL040061.D
Acq: 22 Dec 2022 10:11

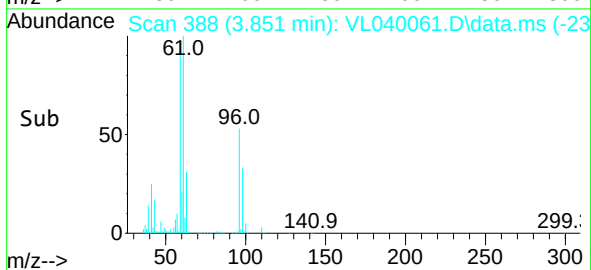
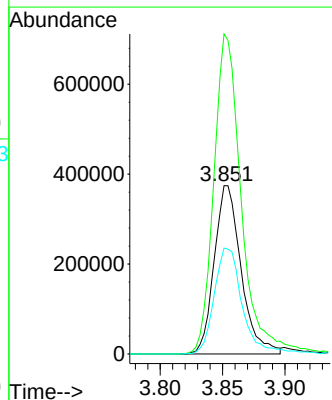
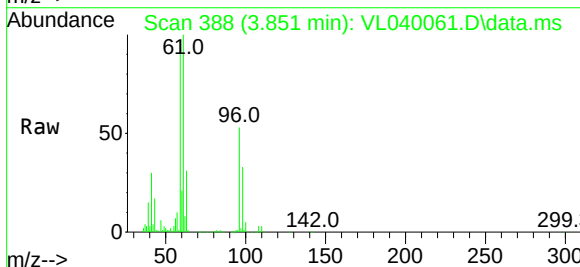
Instrument :
MSVOA_L
ClientSampleId :

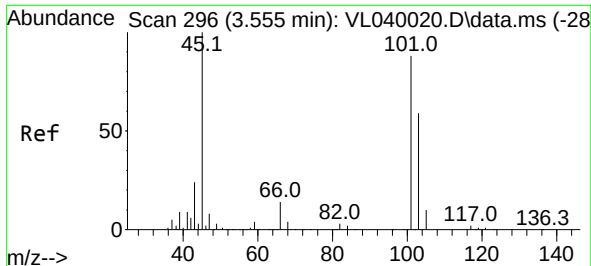
Tgt Ion: 59 Resp: 1232953
Ion Ratio Lower Upper
59 100
57 10.5 8.4 12.6



#18
1,1-Dichloroethene
Concen: 9.274 ppbv
RT: 3.851 min Scan# 388
Delta R.T. -0.010 min
Lab File: VL040061.D
Acq: 22 Dec 2022 10:11

Tgt Ion: 96 Resp: 563470
Ion Ratio Lower Upper
96 100
61 190.0 151.0 226.6
98 62.9 47.7 71.5





#19

Isopropyl Alcohol

Concen: 9.000 ppbv

RT: 3.549 min Scan# 296

Delta R.T. -0.006 min

Lab File: VL040061.D

Acq: 22 Dec 2022 10:11

Instrument :

MSVOA_L

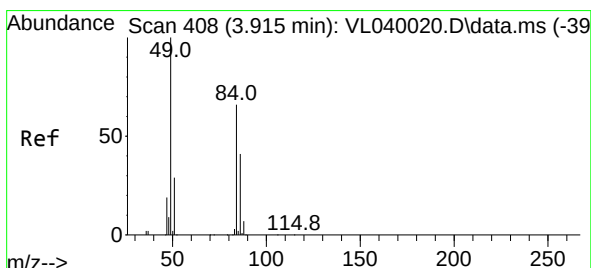
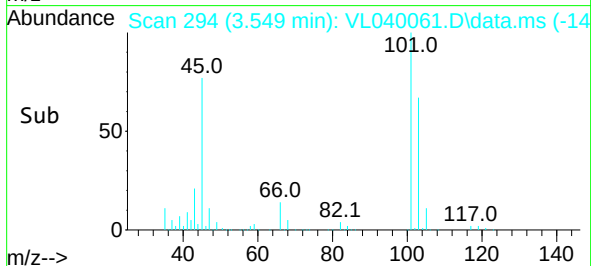
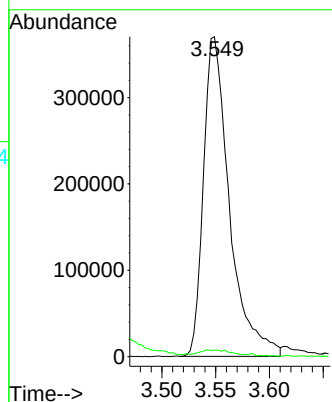
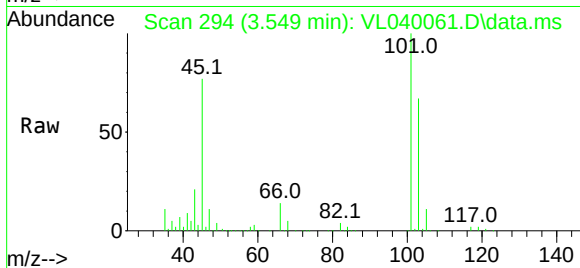
ClientSampleId :

Tgt Ion: 45 Resp: 621785

Ion Ratio Lower Upper

45 100

58 2.9 1.7 2.5#



#20

Methylene Chloride

Concen: 8.317 ppbv

RT: 3.906 min Scan# 405

Delta R.T. -0.010 min

Lab File: VL040061.D

Acq: 22 Dec 2022 10:11

Tgt Ion: 84 Resp: 495567

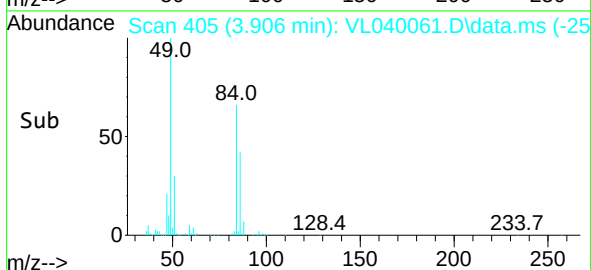
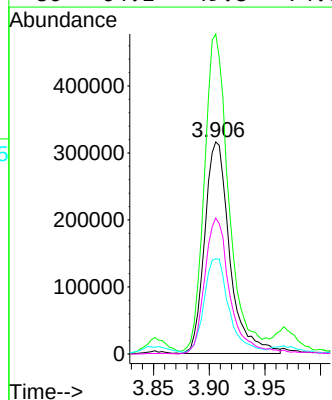
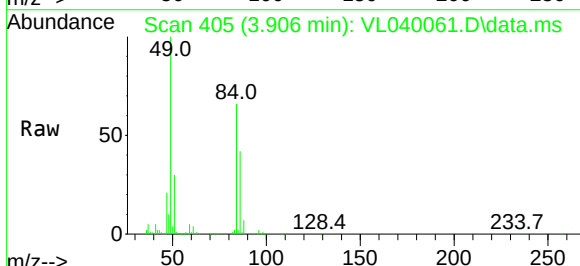
Ion Ratio Lower Upper

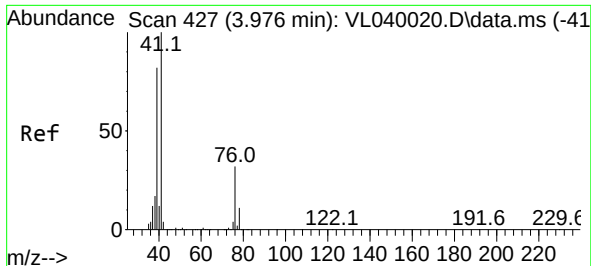
84 100

49 150.0 120.5 180.7

51 43.9 35.2 52.8

86 64.1 49.8 74.6





#21

Allyl Chloride

Concen: 9.550 ppbv

RT: 3.970 min Scan# 41

Delta R.T. -0.006 min

Lab File: VL040061.D

Acq: 22 Dec 2022 10:11

Instrument :

MSVOA_L

ClientSampleId :

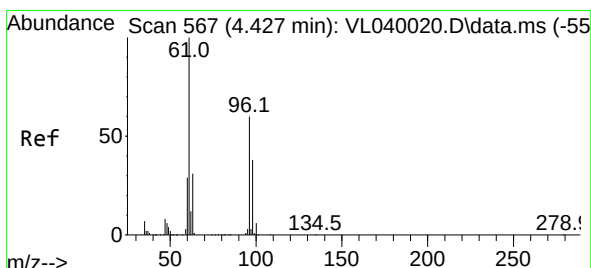
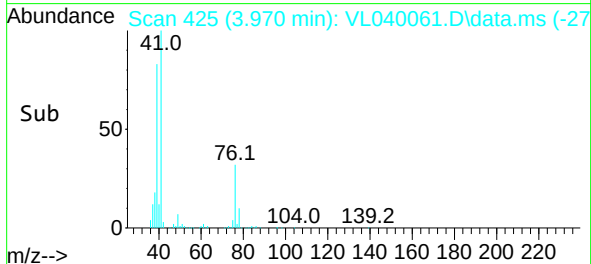
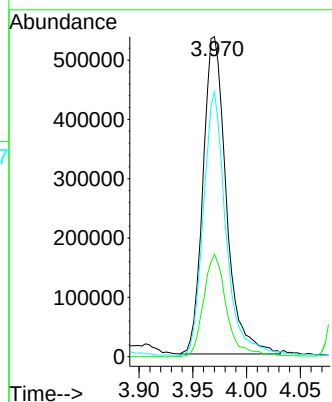
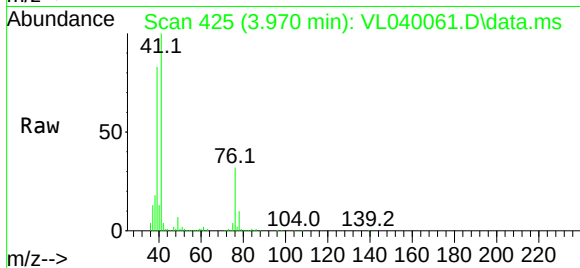
Tgt Ion: 41 Resp: 804458

Ion Ratio Lower Upper

41 100

76 32.4 25.9 38.9

39 81.5 66.0 99.0



#22

trans-1,2-Dichloroethene

Concen: 9.623 ppbv

RT: 4.420 min Scan# 565

Delta R.T. -0.006 min

Lab File: VL040061.D

Acq: 22 Dec 2022 10:11

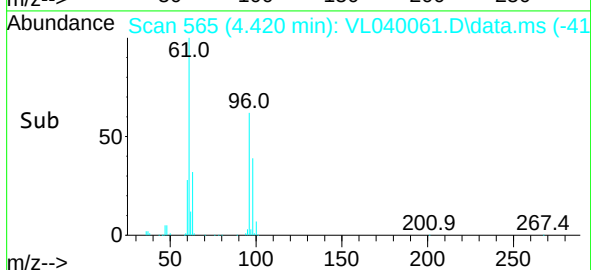
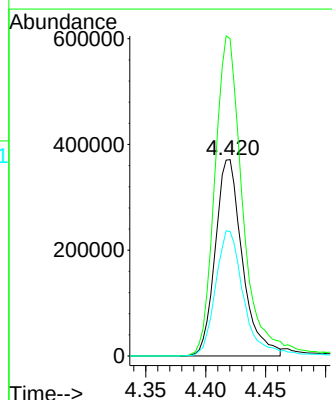
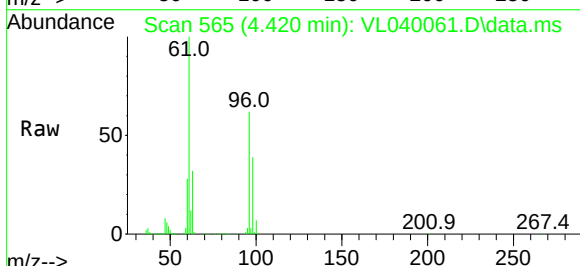
Tgt Ion: 96 Resp: 582744

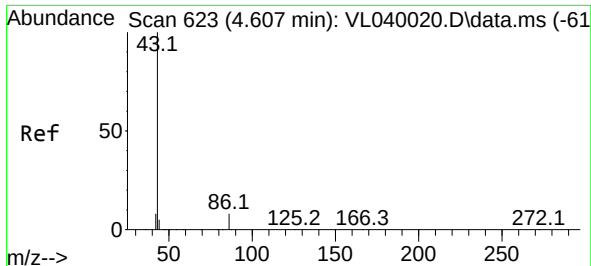
Ion Ratio Lower Upper

96 100

61 161.5 133.6 200.4

98 63.3 51.4 77.0

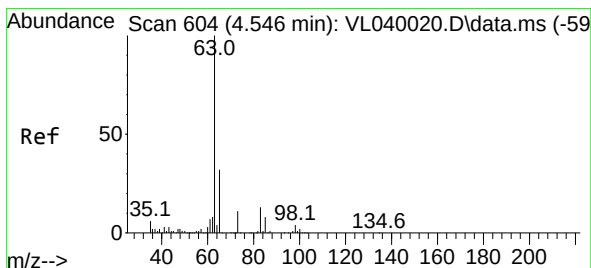
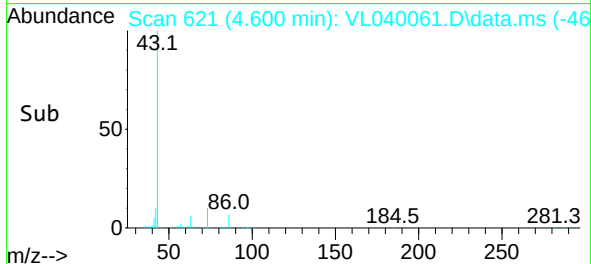
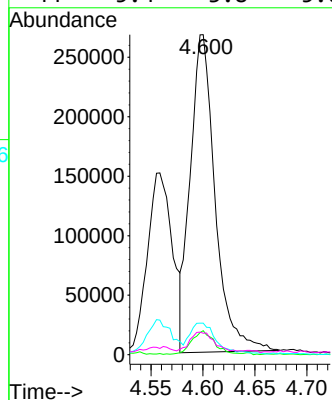
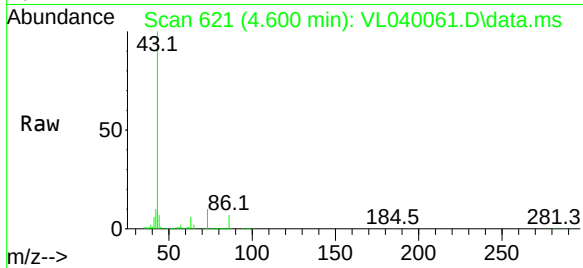




#23
 Vinyl Acetate
 Concen: 10.011 ppbv
 RT: 4.600 min Scan# 61
 Delta R.T. -0.006 min
 Lab File: VL040061.D
 Acq: 22 Dec 2022 10:11

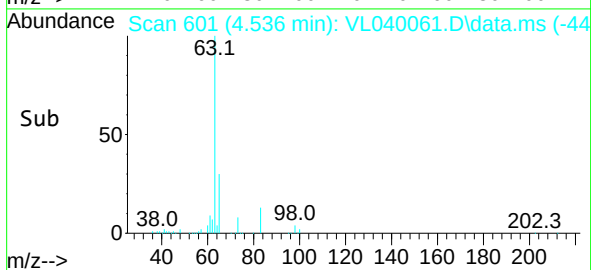
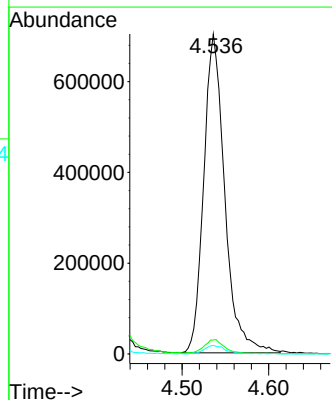
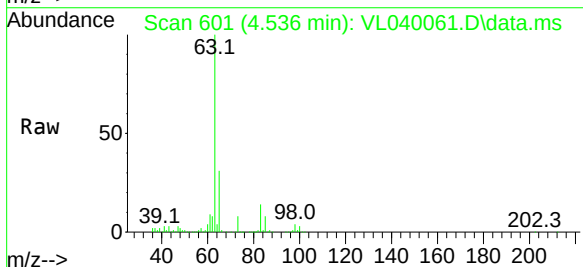
Instrument :
 MSVOA_1
 ClientSampleId :

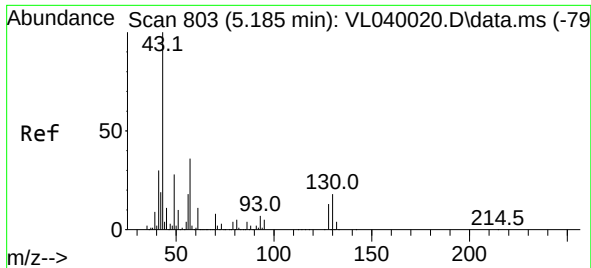
Tgt Ion: 43 Resp: 444913
 Ion Ratio Lower Upper
 43 100
 86 7.3 5.3 7.9
 42 9.4 7.4 11.0
 44 5.4 3.8 5.6



#24
 1,1-Dichloroethane
 Concen: 9.090 ppbv
 RT: 4.536 min Scan# 601
 Delta R.T. -0.010 min
 Lab File: VL040061.D
 Acq: 22 Dec 2022 10:11

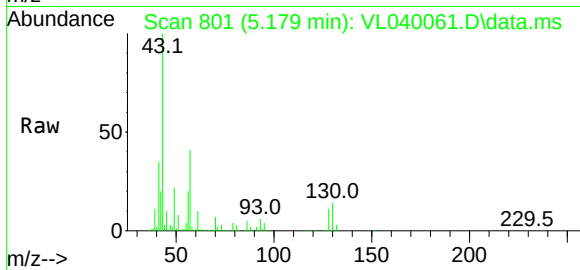
Tgt Ion: 63 Resp: 1186301
 Ion Ratio Lower Upper
 63 100
 98 4.3 2.1 6.2
 100 2.6 1.1 3.3





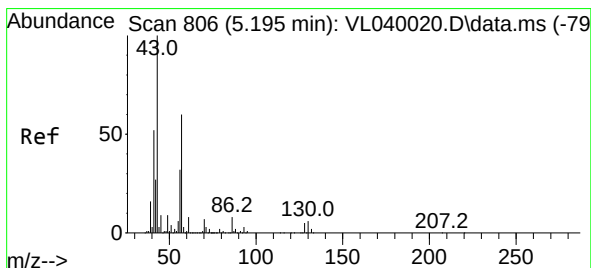
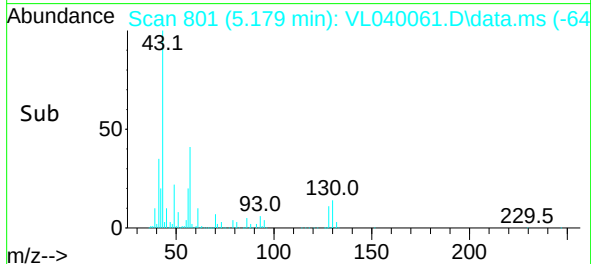
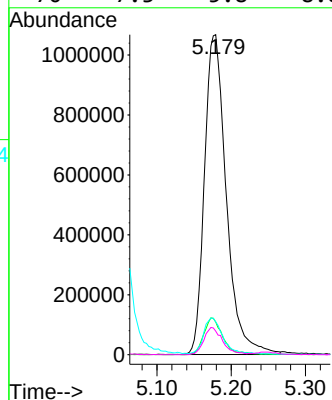
#25
Ethyl Acetate
Concen: 8.968 ppbv
RT: 5.179 min Scan# 801
Delta R.T. -0.006 min
Lab File: VL040061.D
Acq: 22 Dec 2022 10:11

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion: 43 Resp: 2177174

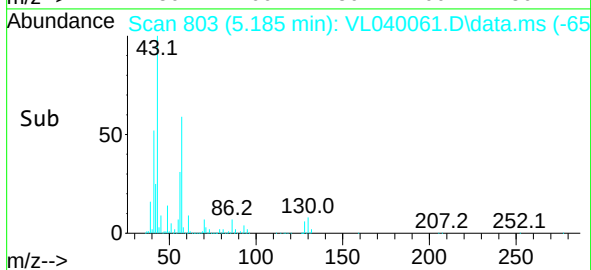
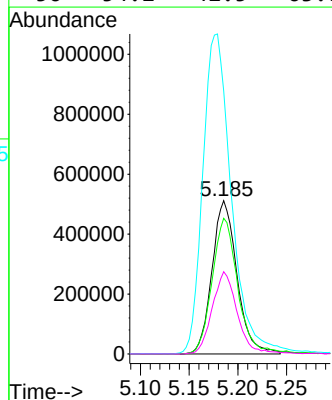
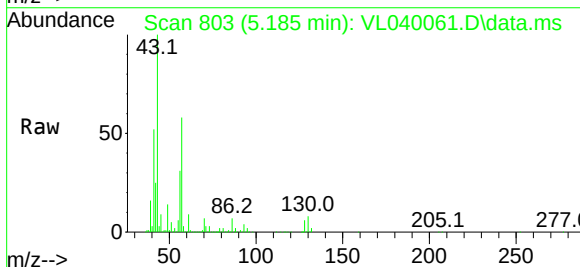
Ion	Ratio	Lower	Upper
43	100		
45	10.3	8.6	12.8
61	10.5	8.5	12.7
70	7.3	5.8	8.8

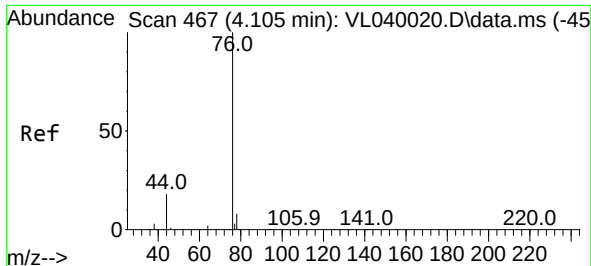


#26
Hexane
Concen: 8.937 ppbv
RT: 5.185 min Scan# 803
Delta R.T. -0.010 min
Lab File: VL040061.D
Acq: 22 Dec 2022 10:11

Tgt Ion: 57 Resp: 911843

Ion	Ratio	Lower	Upper
57	100		
41	91.8	72.1	108.1
43	240.8	192.1	288.1
56	54.2	42.5	63.7

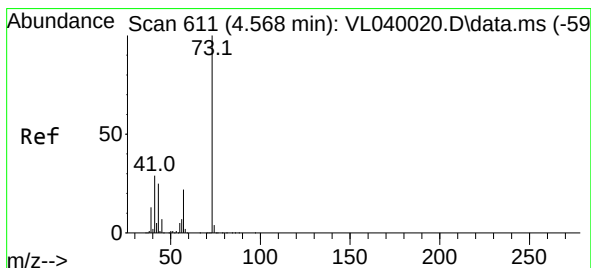
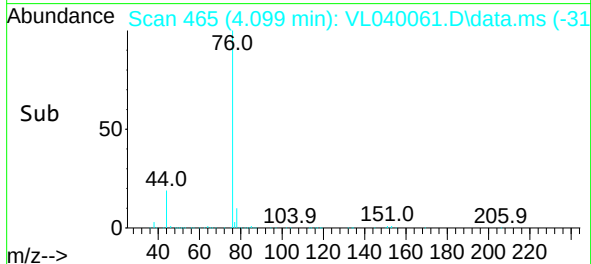
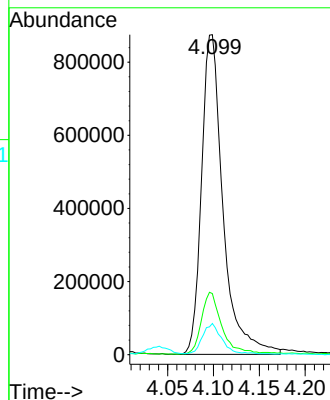
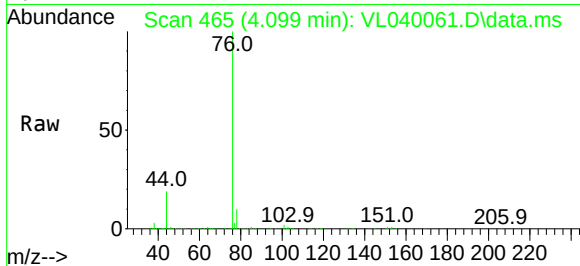




#27
Carbon Disulfide
Concen: 11.105 ppbv
RT: 4.099 min Scan# 41
Delta R.T. -0.006 min
Lab File: VL040061.D
Acq: 22 Dec 2022 10:11

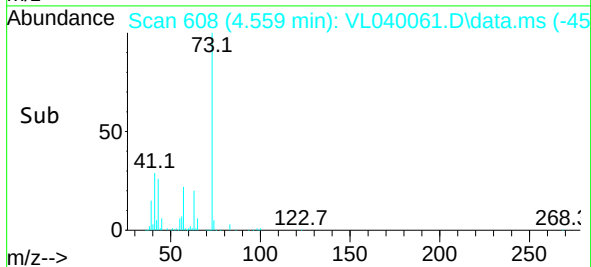
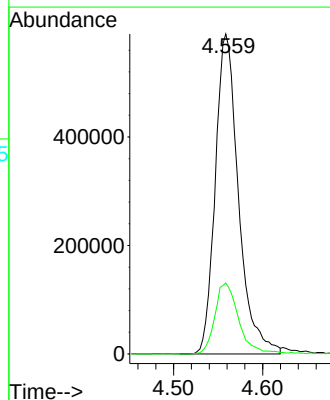
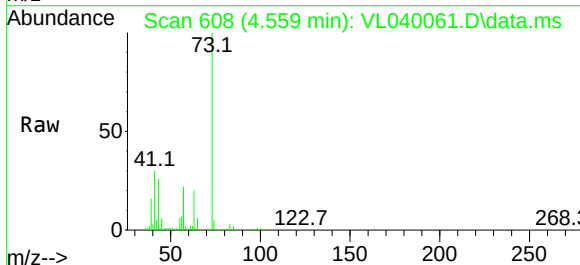
Instrument :
MSVOA_L
ClientSampleId :

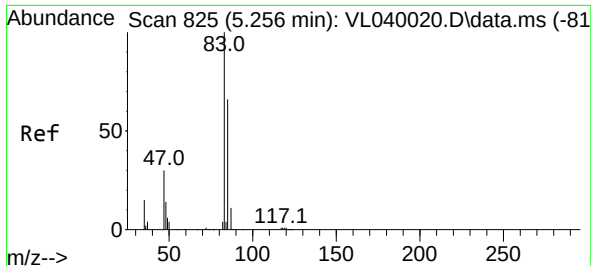
Tgt Ion: 76 Resp: 1429180
Ion Ratio Lower Upper
76 100
44 18.7 15.3 22.9
78 9.3 7.8 11.6



#28
Methyl tert-Butyl Ether
Concen: 8.885 ppbv
RT: 4.559 min Scan# 608
Delta R.T. -0.010 min
Lab File: VL040061.D
Acq: 22 Dec 2022 10:11

Tgt Ion: 73 Resp: 1068494
Ion Ratio Lower Upper
73 100
57 23.1 18.6 28.0





#29

Chloroform

Concen: 9.098 ppbv

RT: 5.247 min Scan# 81

Delta R.T. -0.010 min

Lab File: VL040061.D

Acq: 22 Dec 2022 10:11

Instrument :

MSVOA_L

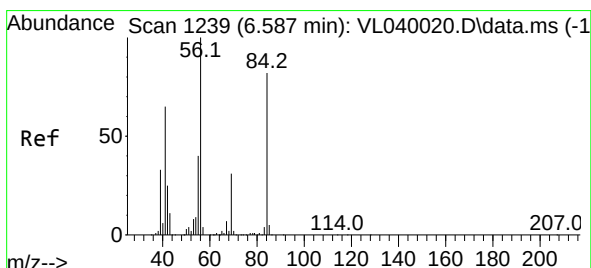
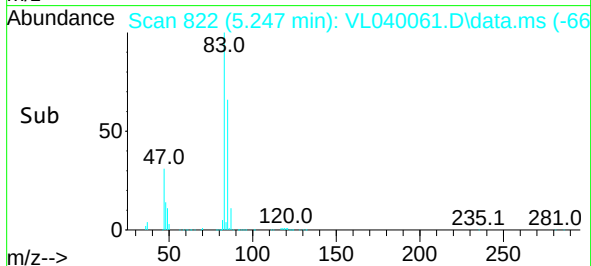
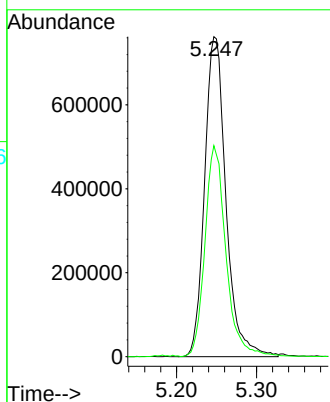
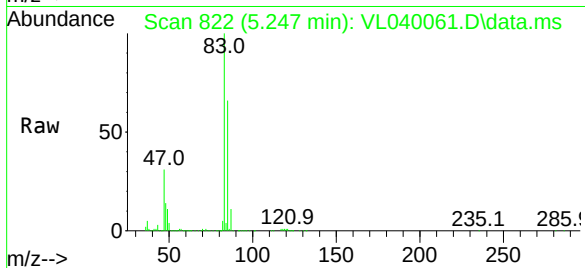
ClientSampleId :

Tgt Ion: 83 Resp: 1416654

Ion Ratio Lower Upper

83 100

85 65.7 52.4 78.6



#30

Cyclohexane

Concen: 9.168 ppbv

RT: 6.574 min Scan# 1235

Delta R.T. -0.013 min

Lab File: VL040061.D

Acq: 22 Dec 2022 10:11

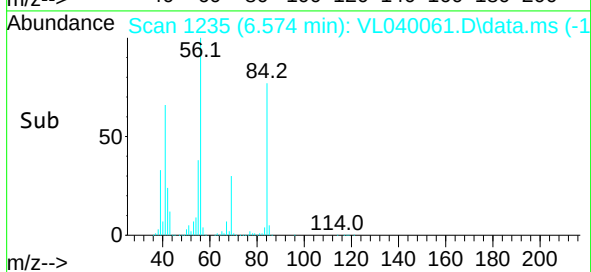
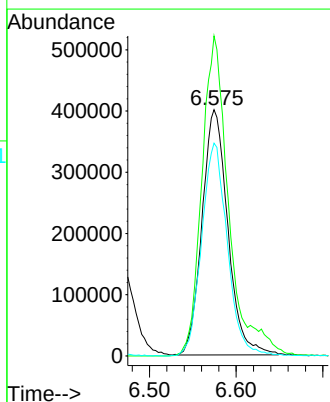
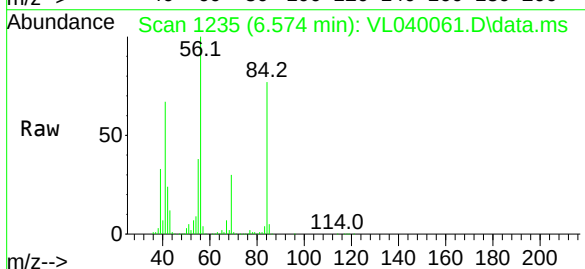
Tgt Ion: 84 Resp: 828411

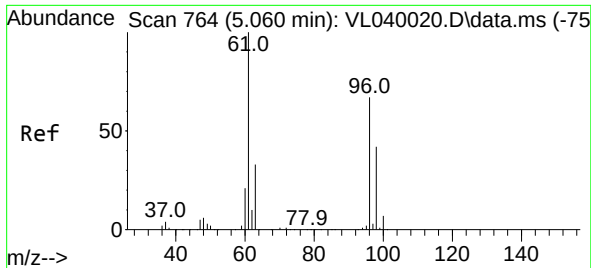
Ion Ratio Lower Upper

84 100

56 136.8 110.2 165.4

41 87.0 67.8 101.8

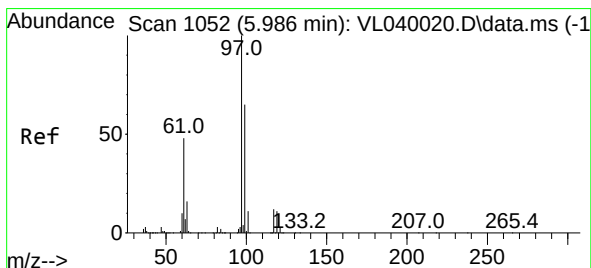
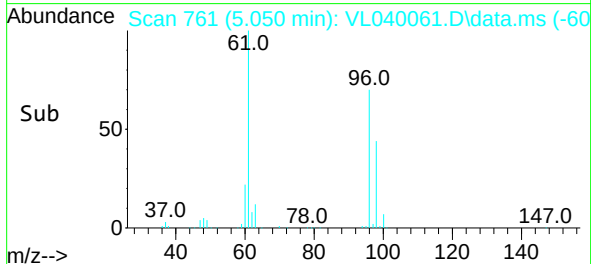
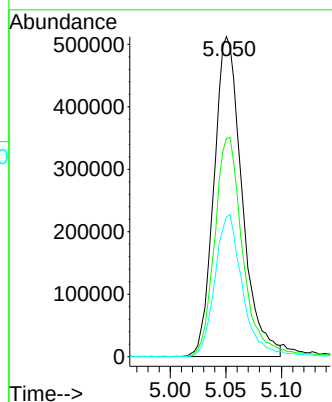
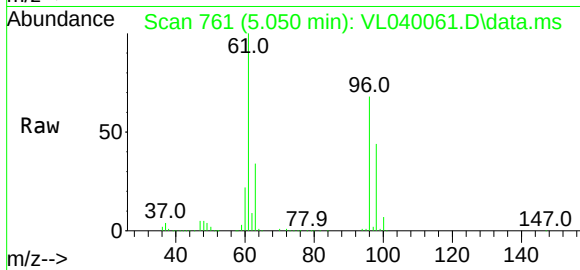




#31
 cis-1,2-Dichloroethene
 Concen: 9.230 ppbv
 RT: 5.050 min Scan# 764
 Delta R.T. -0.010 min
 Lab File: VL040061.D
 Acq: 22 Dec 2022 10:11

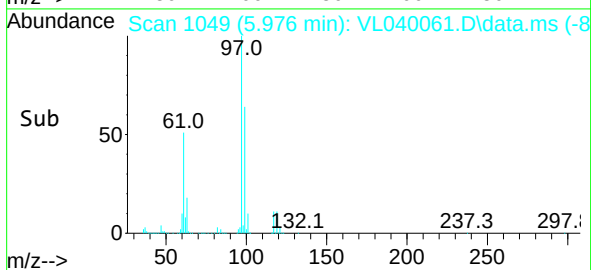
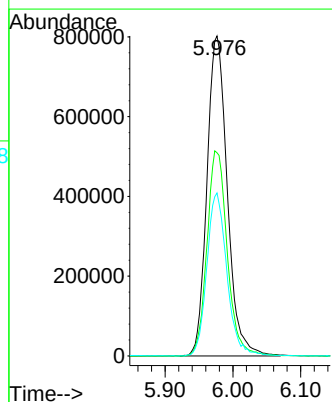
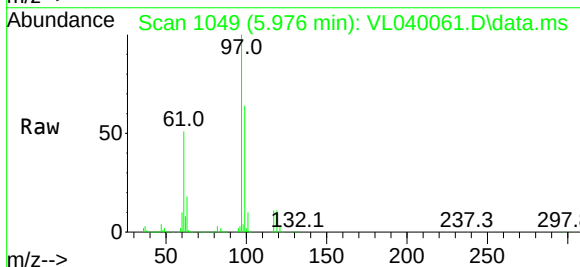
Instrument :
 MSVOA_L
 ClientSampleId :

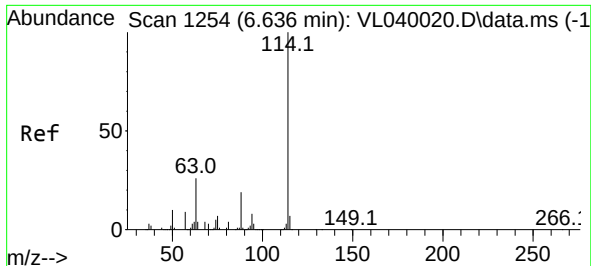
Tgt Ion: 61 Resp: 896909
 Ion Ratio Lower Upper
 61 100
 96 68.2 53.4 80.2
 98 43.7 33.4 50.0



#32
 1,1,1-Trichloroethane
 Concen: 10.024 ppbv
 RT: 5.976 min Scan# 1049
 Delta R.T. -0.010 min
 Lab File: VL040061.D
 Acq: 22 Dec 2022 10:11

Tgt Ion: 97 Resp: 1671014
 Ion Ratio Lower Upper
 97 100
 99 64.0 51.8 77.6
 61 50.6 39.8 59.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.626 min Scan# 11

Delta R.T. -0.010 min

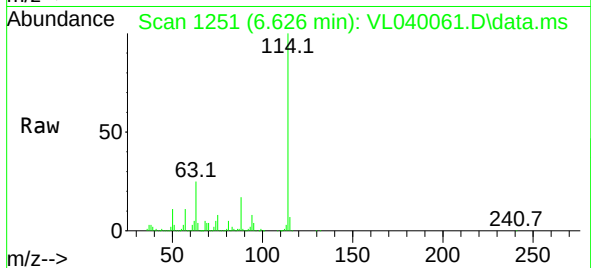
Lab File: VL040061.D

Acq: 22 Dec 2022 10:11

Instrument :

MSVOA_L

ClientSampleId :



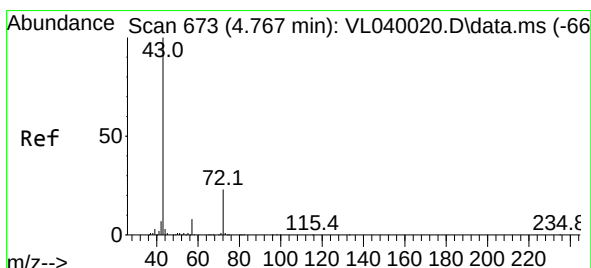
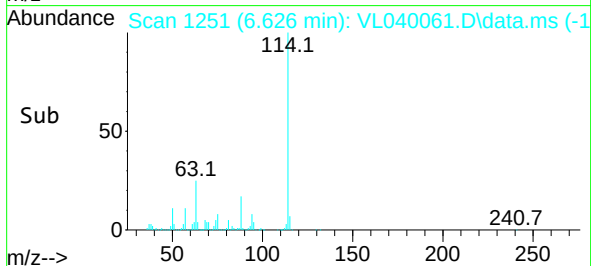
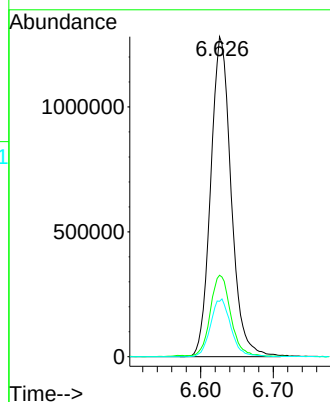
Tgt Ion:114 Resp: 2509029

Ion Ratio Lower Upper

114 100

63 26.1 20.2 30.2

88 18.1 14.6 21.8



#34

2-Butanone

Concen: 9.468 ppbv

RT: 4.758 min Scan# 670

Delta R.T. -0.010 min

Lab File: VL040061.D

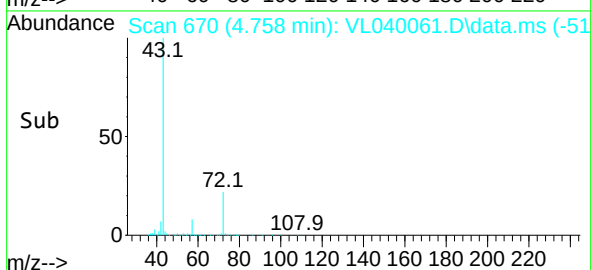
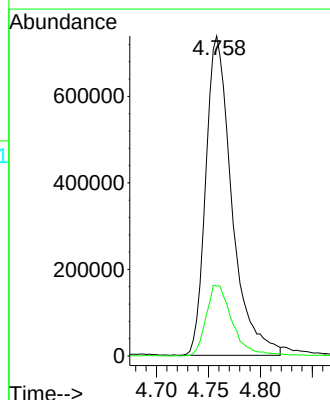
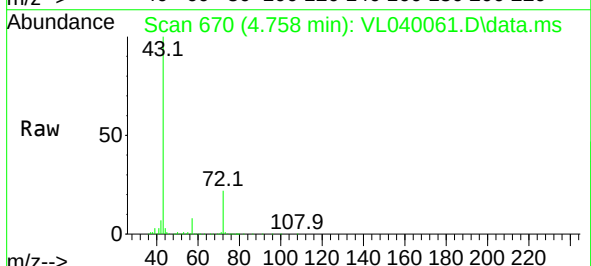
Acq: 22 Dec 2022 10:11

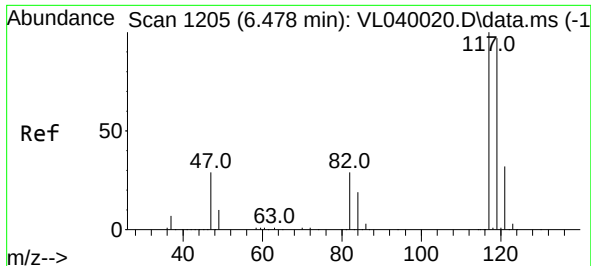
Tgt Ion: 43 Resp: 1288674

Ion Ratio Lower Upper

43 100

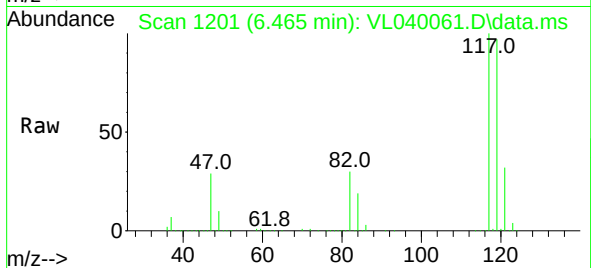
72 23.0 18.0 27.0





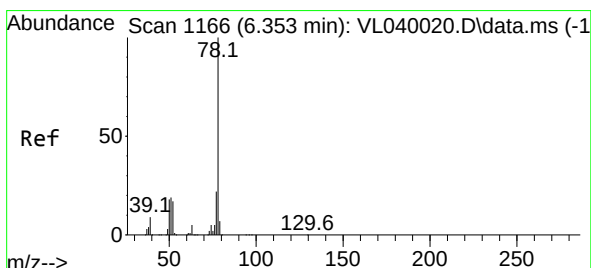
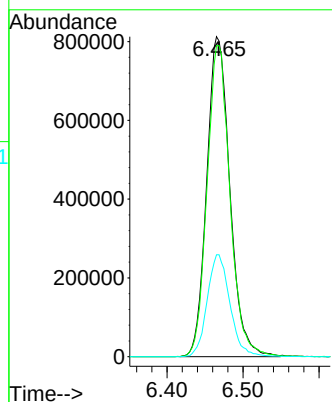
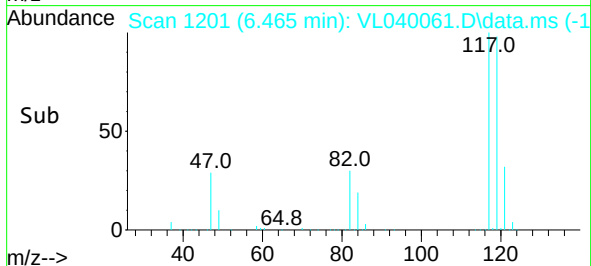
#35
Carbon Tetrachloride
Concen: 11.047 ppbv
RT: 6.465 min Scan# 1163
Delta R.T. -0.013 min
Lab File: VL040061.D
Acq: 22 Dec 2022 10:11

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion: 117 Resp: 1721605

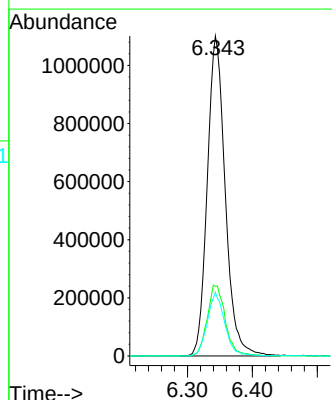
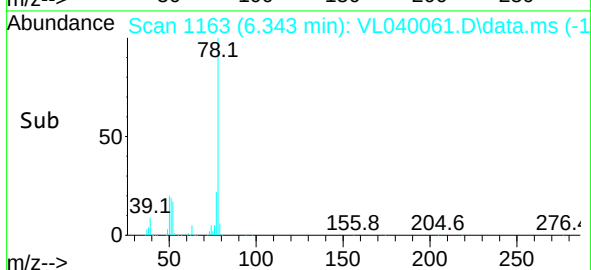
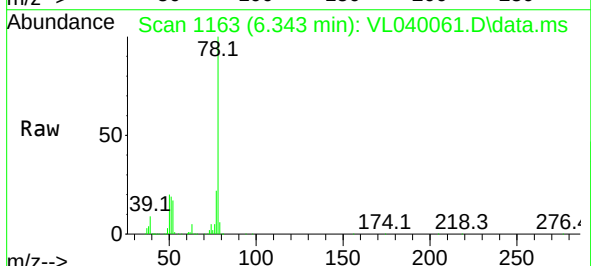
Ion	Ratio	Lower	Upper
117	100		
119	97.2	77.3	115.9
121	31.9	25.4	38.0

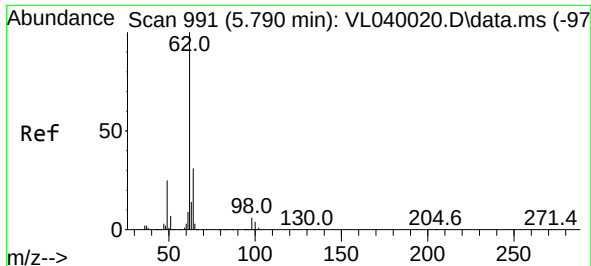


#36
Benzene
Concen: 9.444 ppbv
RT: 6.343 min Scan# 1163
Delta R.T. -0.010 min
Lab File: VL040061.D
Acq: 22 Dec 2022 10:11

Tgt Ion: 78 Resp: 2116329

Ion	Ratio	Lower	Upper
78	100		
77	21.8	17.5	26.3
50	19.9	14.2	21.2





#37

1,2-Dichloroethane

Concen: 9.827 ppbv

RT: 5.777 min Scan# 91

Delta R.T. -0.013 min

Lab File: VL040061.D

Acq: 22 Dec 2022 10:11

Instrument :

MSVOA_L

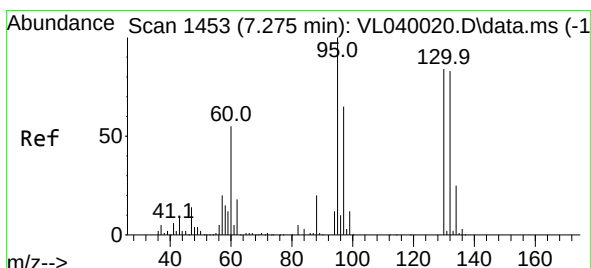
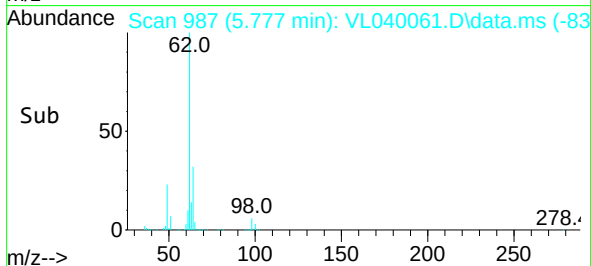
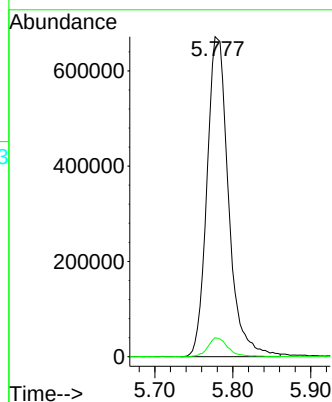
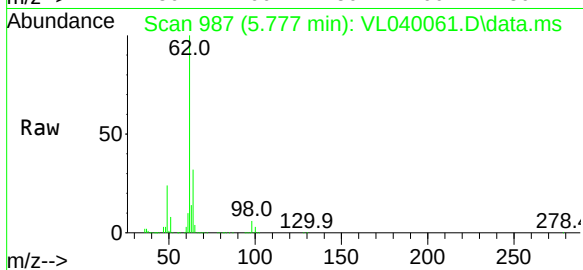
ClientSampleId :

Tgt Ion: 62 Resp: 1291737

Ion Ratio Lower Upper

62 100

98 5.7 5.1 7.7



#38

Trichloroethene

Concen: 10.671 ppbv

RT: 7.266 min Scan# 1450

Delta R.T. -0.010 min

Lab File: VL040061.D

Acq: 22 Dec 2022 10:11

Tgt Ion:130 Resp: 1228795

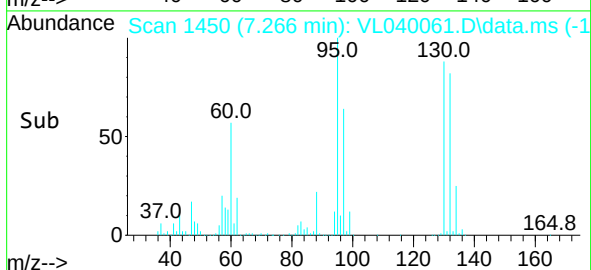
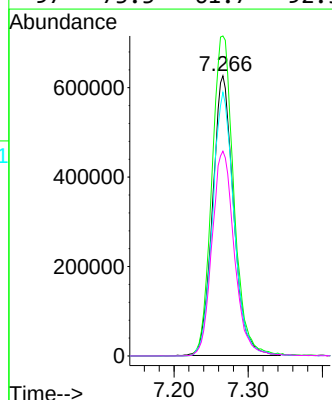
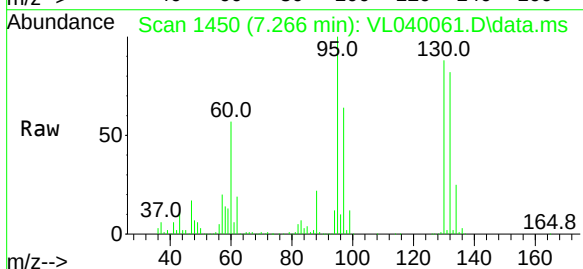
Ion Ratio Lower Upper

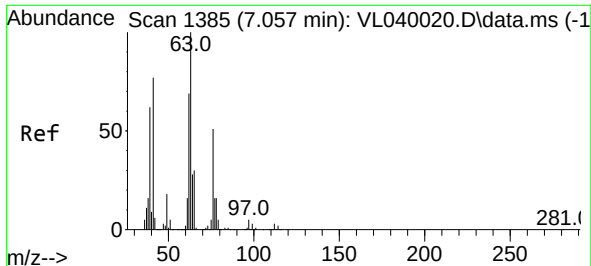
130 100

95 114.4 94.8 142.2

132 94.3 78.2 117.4

97 73.3 61.7 92.5





#39

1,2-Dichloropropane

Concen: 9.544 ppbv

RT: 7.047 min Scan# 11

Delta R.T. -0.010 min

Lab File: VL040061.D

Acq: 22 Dec 2022 10:11

Instrument :

MSVOA_L

ClientSampleId :

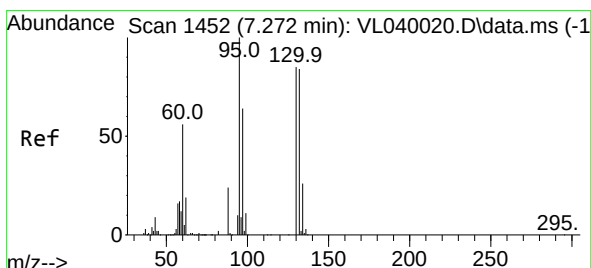
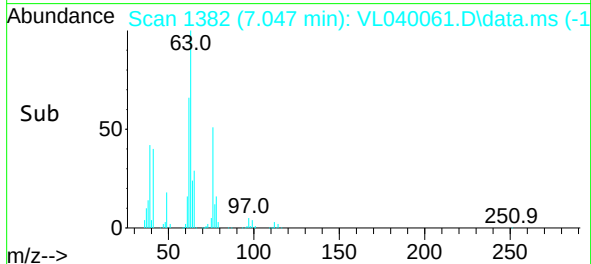
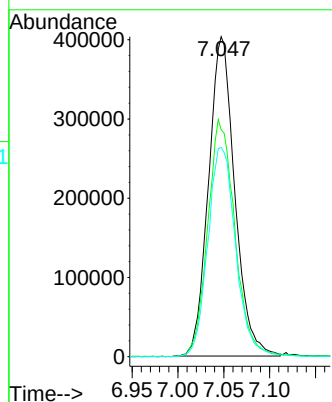
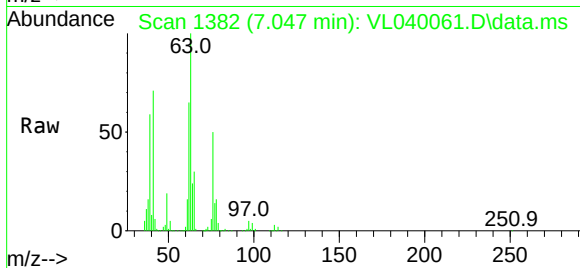
Tgt Ion: 63 Resp: 801639

Ion Ratio Lower Upper

63 100

41 70.8 61.4 92.0

62 65.4 55.4 83.2



#40

1,4-Dioxane

Concen: 8.884 ppbv

RT: 7.263 min Scan# 1449

Delta R.T. -0.010 min

Lab File: VL040061.D

Acq: 22 Dec 2022 10:11

Tgt Ion: 88 Resp: 336314

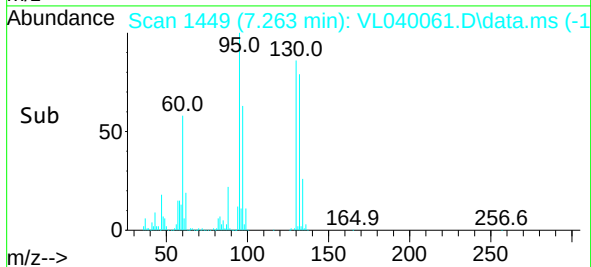
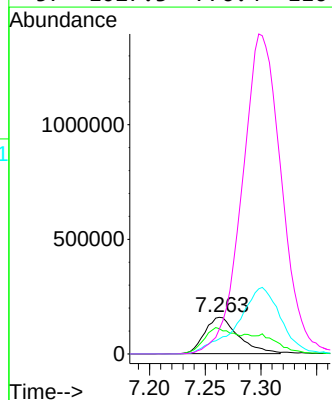
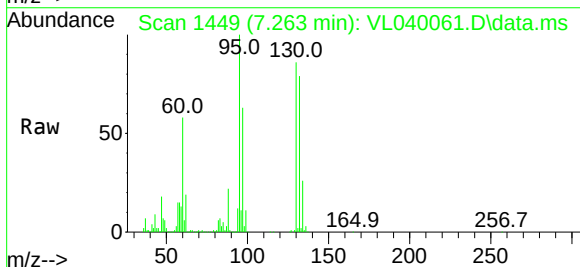
Ion Ratio Lower Upper

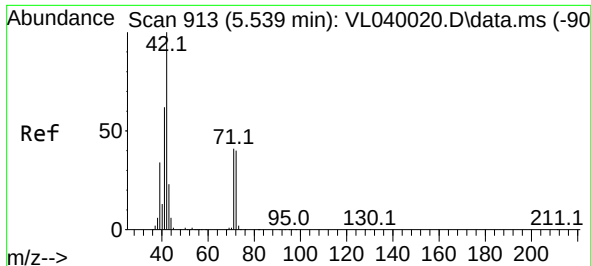
88 100

58 121.5 92.7 139.1

43 235.7 174.6 261.8

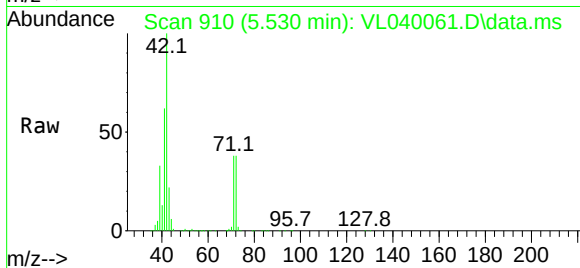
57 1027.3 776.4 1164.6



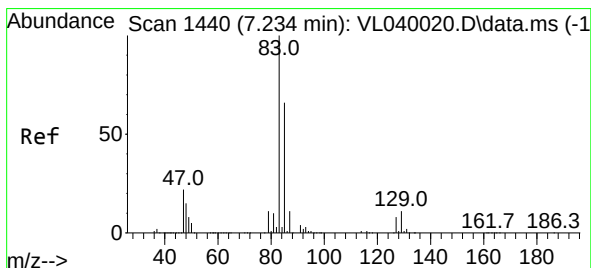
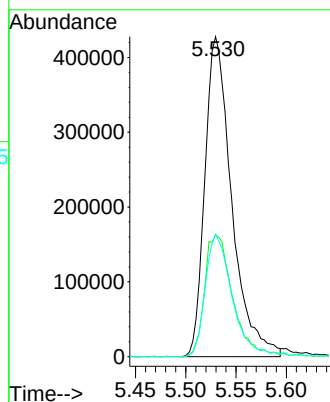
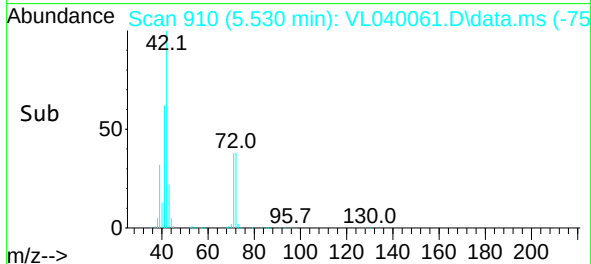


#41
Tetrahydrofuran
Concen: 9.350 ppbv
RT: 5.530 min Scan# 913
Delta R.T. -0.010 min
Lab File: VL040061.D
Acq: 22 Dec 2022 10:11

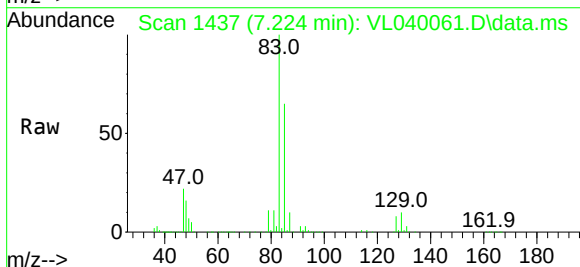
Instrument :
MSVOA_L
ClientSampleId :



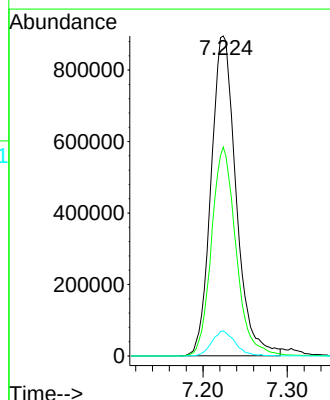
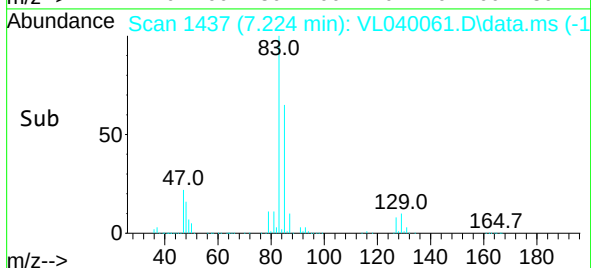
Tgt Ion: 42 Resp: 794385
Ion Ratio Lower Upper
42 100
72 40.4 32.9 49.3
71 39.0 32.2 48.2

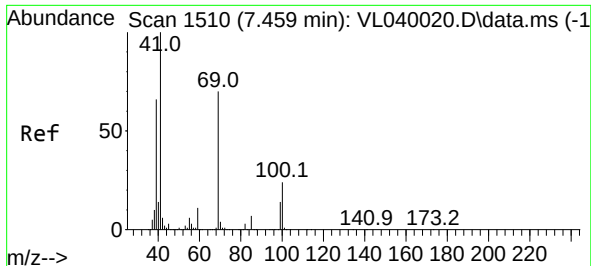


#42
Bromodichloromethane
Concen: 10.258 ppbv
RT: 7.224 min Scan# 1437
Delta R.T. -0.010 min
Lab File: VL040061.D
Acq: 22 Dec 2022 10:11



Tgt Ion: 83 Resp: 1847404
Ion Ratio Lower Upper
83 100
85 65.3 53.0 79.6
127 7.8 6.2 9.2





#43

Methyl Methacrylate

Concen: 9.904 ppbv

RT: 7.449 min Scan# 1

Delta R.T. -0.010 min

Lab File: VL040061.D

Acq: 22 Dec 2022 10:11

Instrument :

MSVOA_L

ClientSampleId :

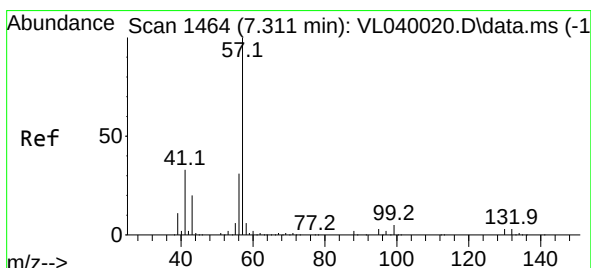
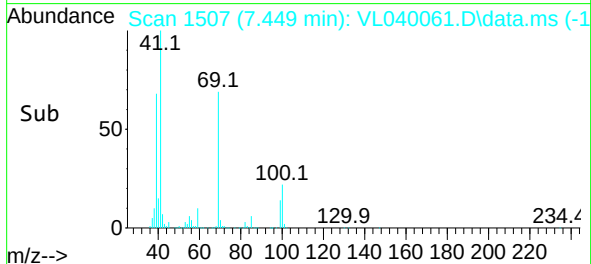
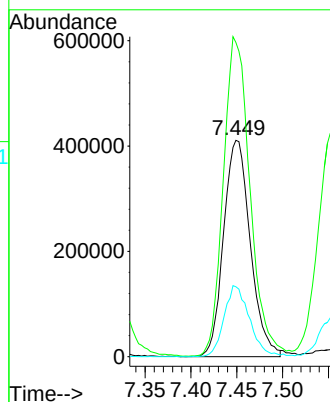
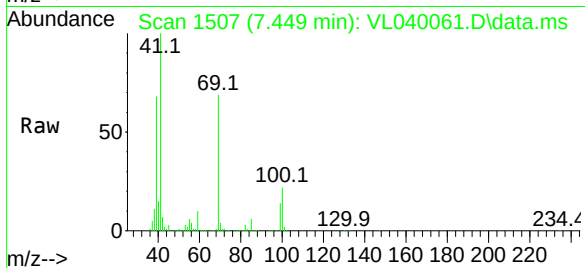
Tgt Ion: 69 Resp: 832885

Ion Ratio Lower Upper

69 100

41 147.6 115.7 173.5

100 31.3 26.0 39.0



#44

2,2,4-Trimethylpentane

Concen: 9.334 ppbv

RT: 7.298 min Scan# 1460

Delta R.T. -0.013 min

Lab File: VL040061.D

Acq: 22 Dec 2022 10:11

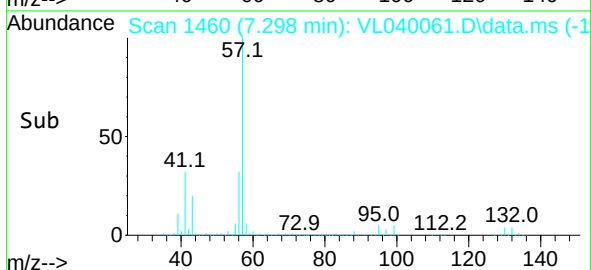
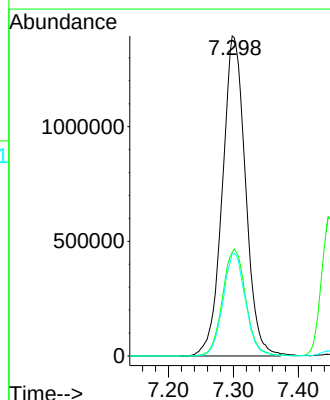
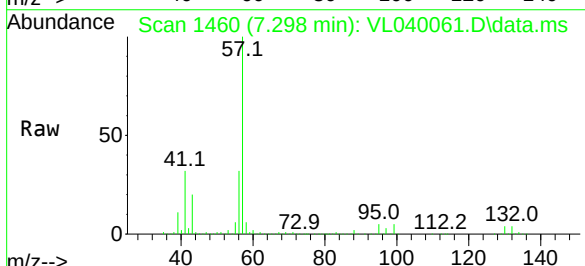
Tgt Ion: 57 Resp: 3443209

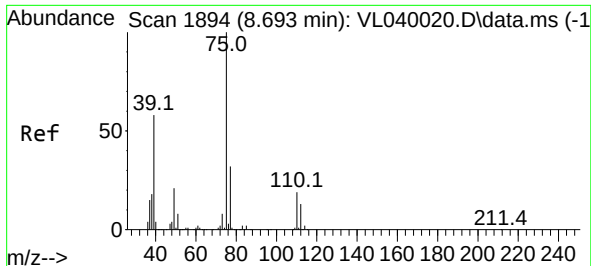
Ion Ratio Lower Upper

57 100

41 33.6 26.2 39.4

56 31.3 25.1 37.7

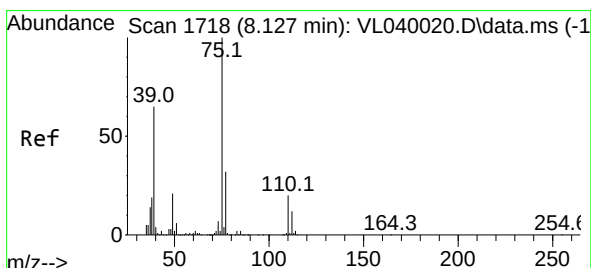
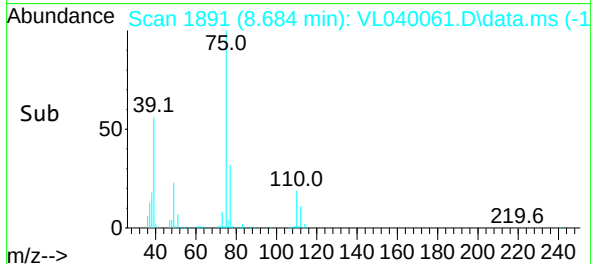
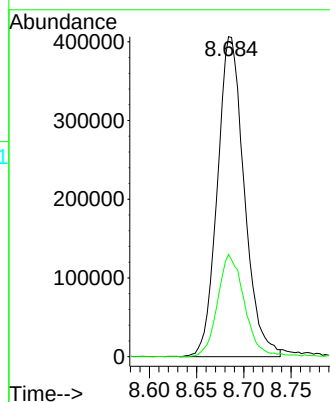
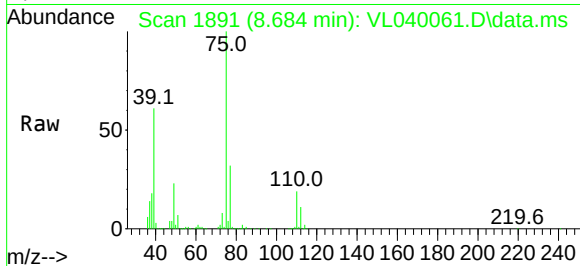




#45
t-1,3-Dichloropropene
Concen: 11.301 ppbv
RT: 8.684 min Scan# 11
Delta R.T. -0.010 min
Lab File: VL040061.D
Acq: 22 Dec 2022 10:11

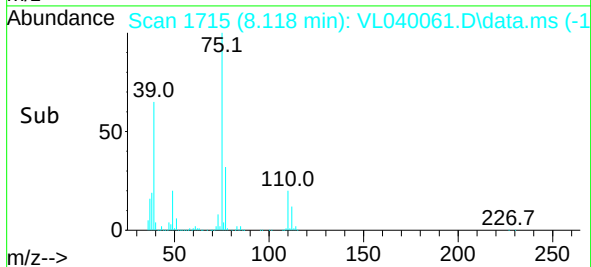
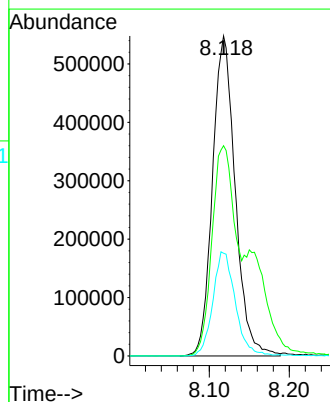
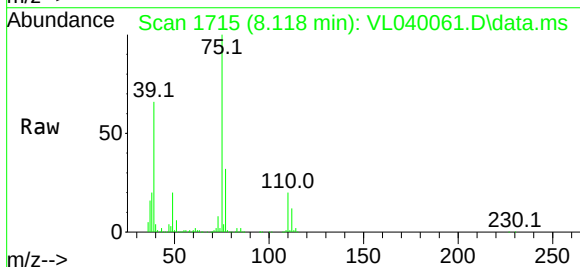
Instrument :
MSVOA_L
ClientSampleId :

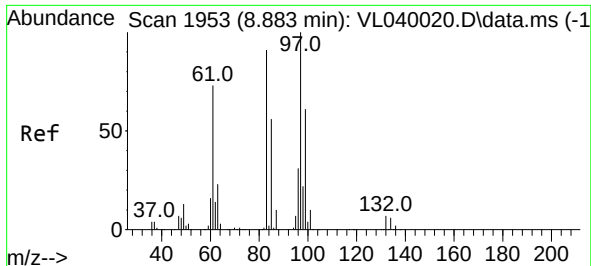
Tgt Ion: 75 Resp: 803260
Ion Ratio Lower Upper
75 100
77 32.0 25.4 38.2



#46
cis-1,3-Dichloropropene
Concen: 10.763 ppbv
RT: 8.118 min Scan# 1715
Delta R.T. -0.010 min
Lab File: VL040061.D
Acq: 22 Dec 2022 10:11

Tgt Ion: 75 Resp: 1079007
Ion Ratio Lower Upper
75 100
39 65.7 51.7 77.5
77 32.1 25.2 37.8





#47

1,1,2-Trichloroethane

Concen: 9.385 ppbv

RT: 8.873 min Scan# 1953

Delta R.T. -0.010 min

Lab File: VL040061.D

Acq: 22 Dec 2022 10:11

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 97 Resp: 863239

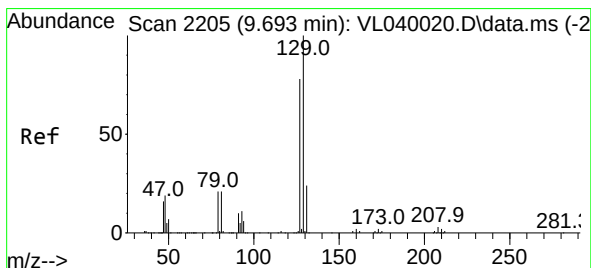
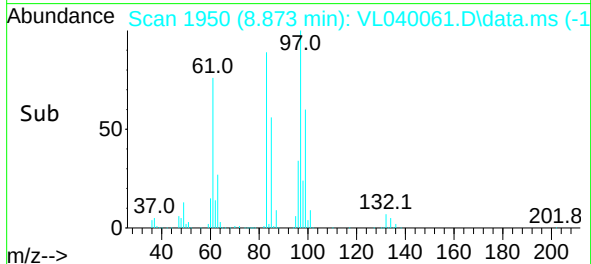
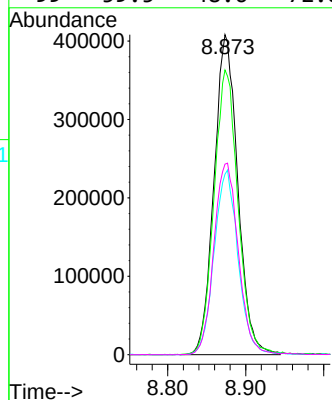
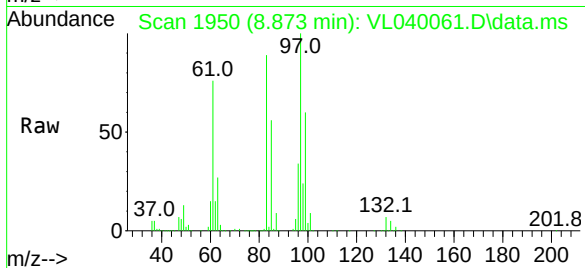
Ion Ratio Lower Upper

97 100

83 88.9 72.5 108.7

85 56.4 45.0 67.6

99 59.5 48.6 72.8



#48

Dibromochloromethane

Concen: 10.382 ppbv

RT: 9.687 min Scan# 2203

Delta R.T. -0.006 min

Lab File: VL040061.D

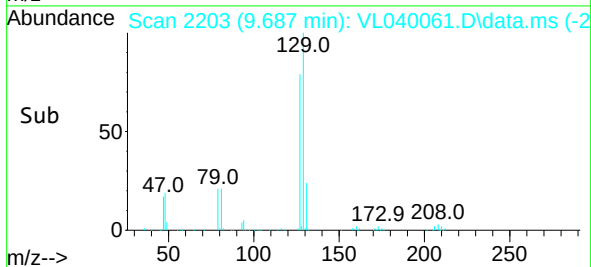
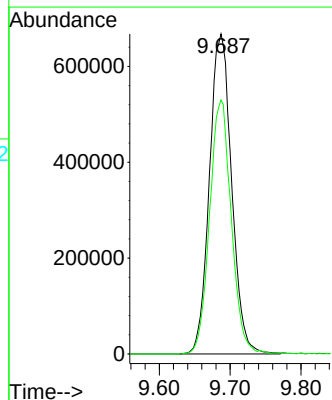
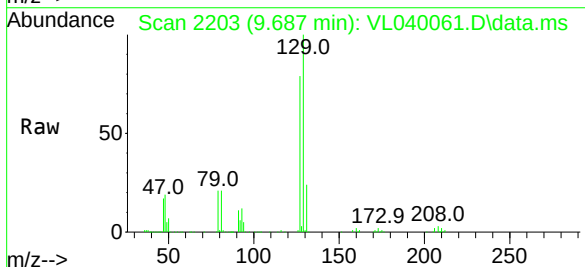
Acq: 22 Dec 2022 10:11

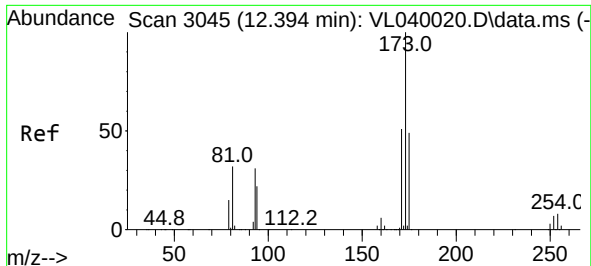
Tgt Ion: 129 Resp: 1452293

Ion Ratio Lower Upper

129 100

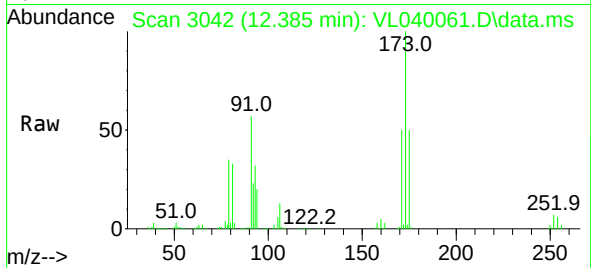
127 77.6 39.4 118.1



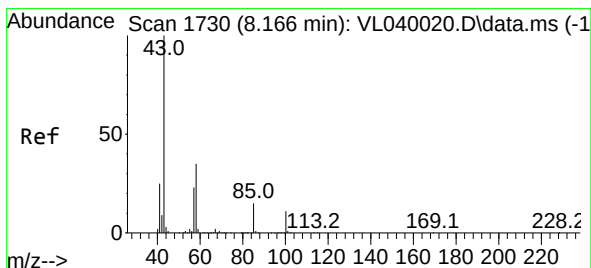
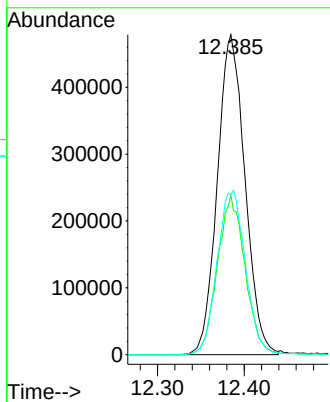
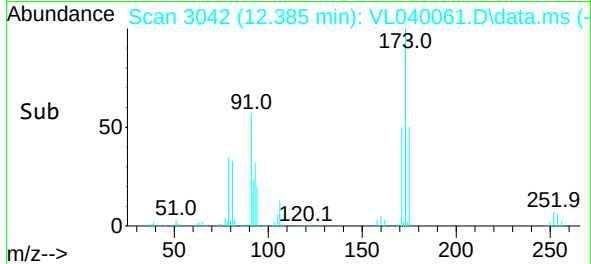


#49
Bromoform
Concen: 9.945 ppbv
RT: 12.385 min Scan# 3045
Delta R.T. -0.010 min
Lab File: VL040061.D
Acq: 22 Dec 2022 10:11

Instrument :
MSVOA_L
ClientSampleId :

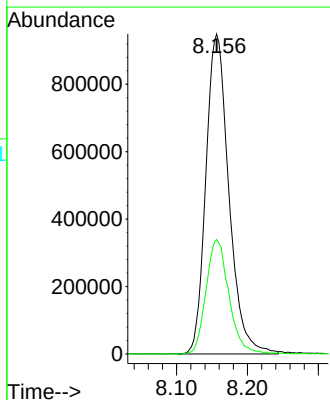
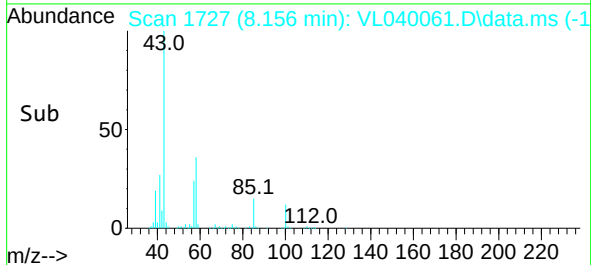
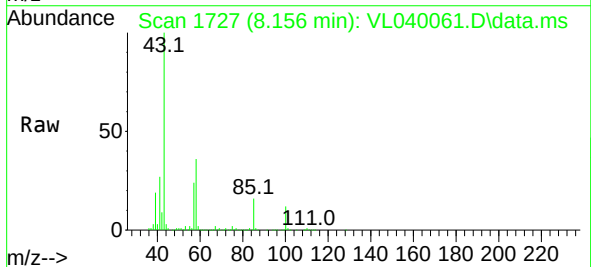


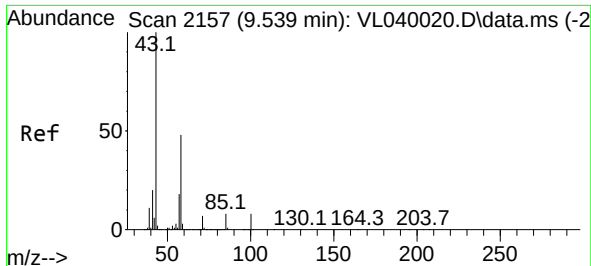
Tgt Ion:173 Resp: 1061306
Ion Ratio Lower Upper
173 100
175 49.9 39.0 58.4
171 53.0 42.0 63.0



#50
4-Methyl-2-Pentanone
Concen: 9.620 ppbv
RT: 8.156 min Scan# 1727
Delta R.T. -0.010 min
Lab File: VL040061.D
Acq: 22 Dec 2022 10:11

Tgt Ion: 43 Resp: 2139149
Ion Ratio Lower Upper
43 100
58 35.7 29.0 43.4

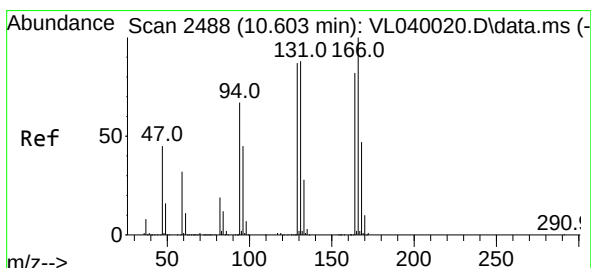
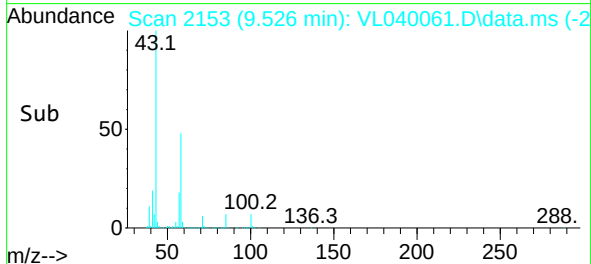
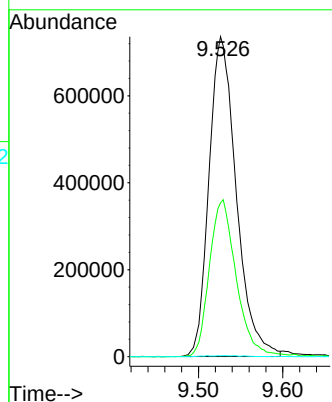
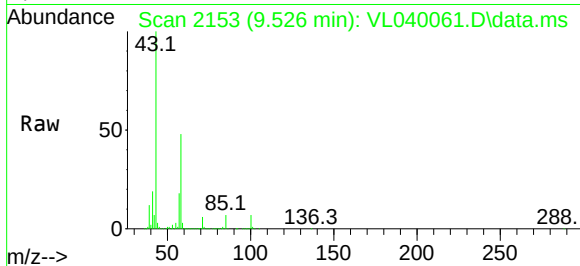




#51
2-Hexanone
Concen: 9.562 ppbv
RT: 9.526 min Scan# 2157
Delta R.T. -0.013 min
Lab File: VL040061.D
Acq: 22 Dec 2022 10:11

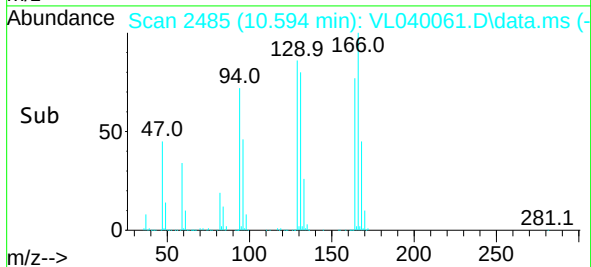
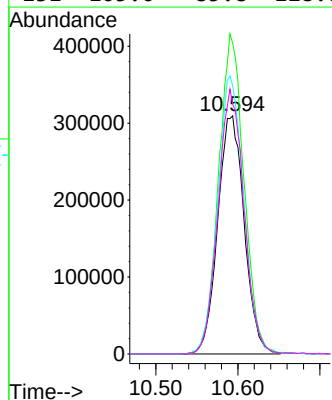
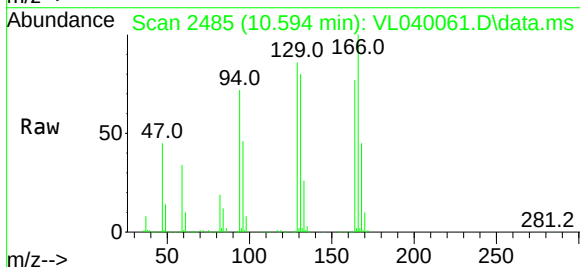
Instrument :
MSVOA_L
ClientSampleId :

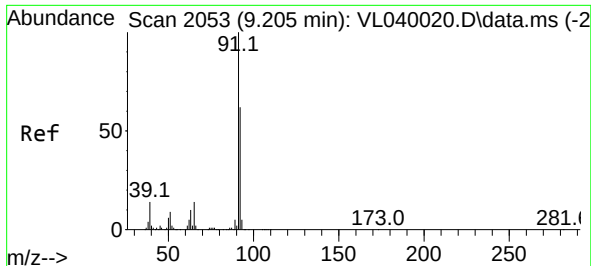
Tgt Ion: 43 Resp: 1654022
Ion Ratio Lower Upper
43 100
58 49.0 39.4 59.2
98 0.5 0.2 0.4#



#52
Tetrachloroethene
Concen: 9.110 ppbv
RT: 10.594 min Scan# 2485
Delta R.T. -0.010 min
Lab File: VL040061.D
Acq: 22 Dec 2022 10:11

Tgt Ion: 164 Resp: 694066
Ion Ratio Lower Upper
164 100
166 130.5 97.4 146.0
129 112.7 84.3 126.5
131 105.0 85.8 128.8

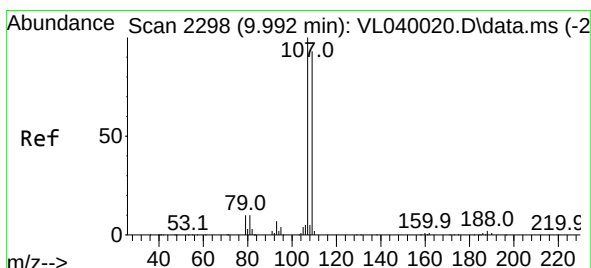
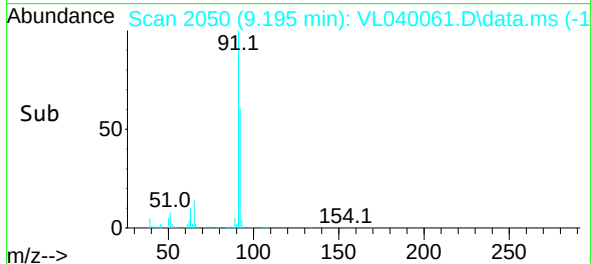
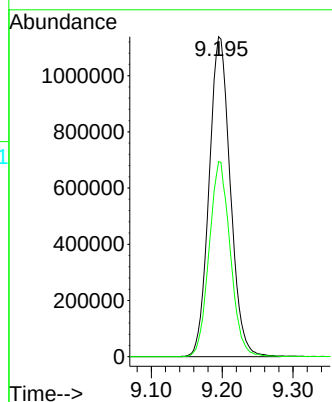
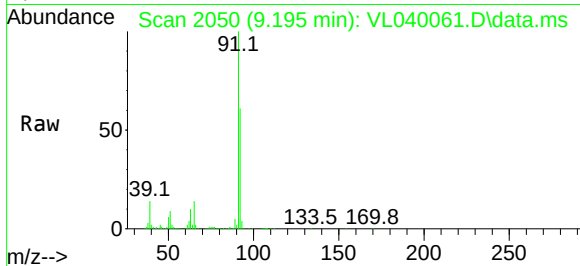




#53
Toluene
Concen: 9.537 ppbv
RT: 9.195 min Scan# 2053
Delta R.T. -0.010 min
Lab File: VL040061.D
Acq: 22 Dec 2022 10:11

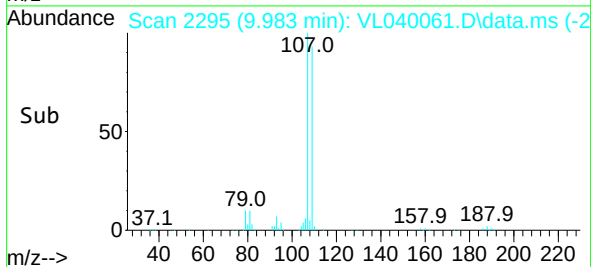
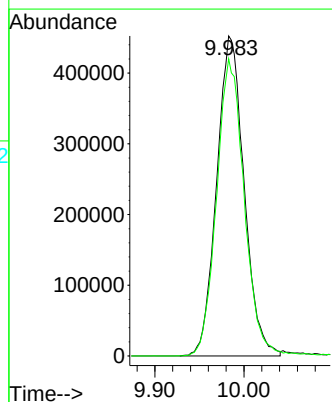
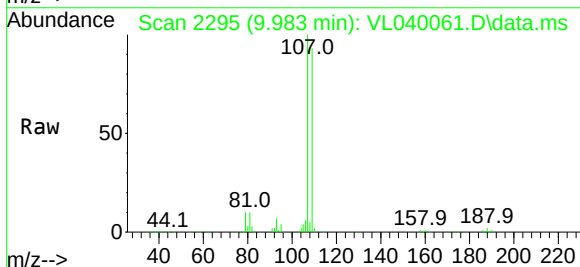
Instrument :
MSVOA_L
ClientSampleId :

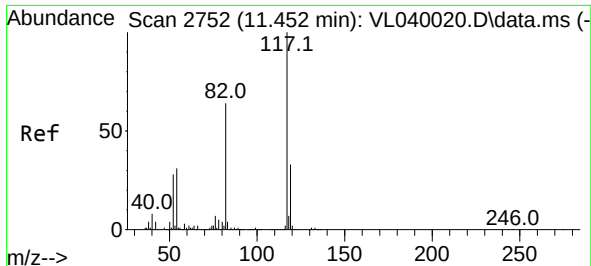
Tgt Ion: 91 Resp: 2366078
Ion Ratio Lower Upper
91 100
92 61.0 48.7 73.1



#54
1,2-Dibromoethane
Concen: 9.758 ppbv
RT: 9.983 min Scan# 2295
Delta R.T. -0.010 min
Lab File: VL040061.D
Acq: 22 Dec 2022 10:11

Tgt Ion: 107 Resp: 966552
Ion Ratio Lower Upper
107 100
109 92.8 74.1 111.1

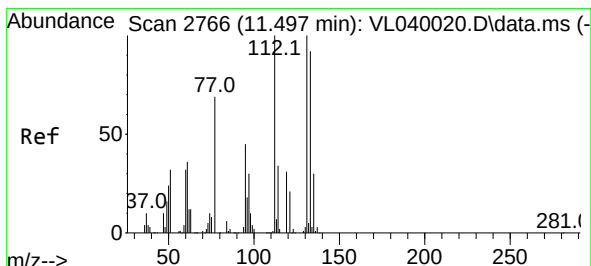
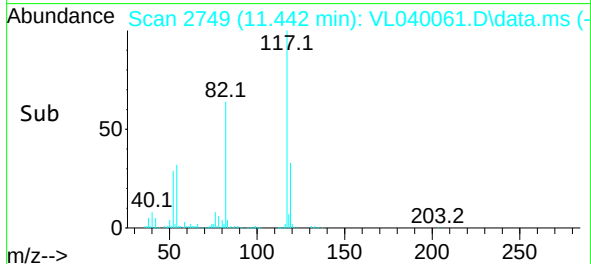
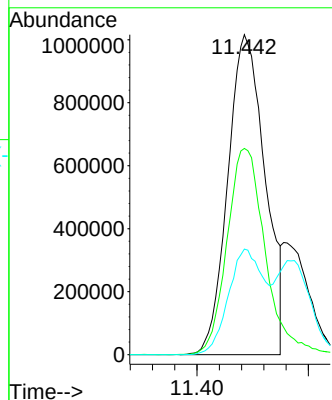
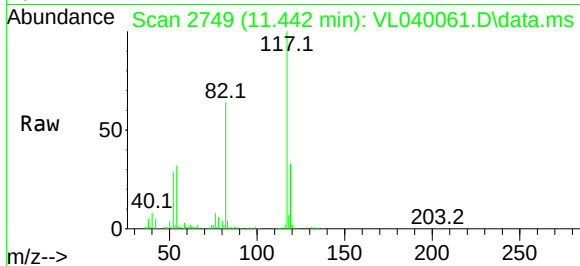




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.442 min Scan# 2752
Delta R.T. -0.010 min
Lab File: VL040061.D
Acq: 22 Dec 2022 10:11

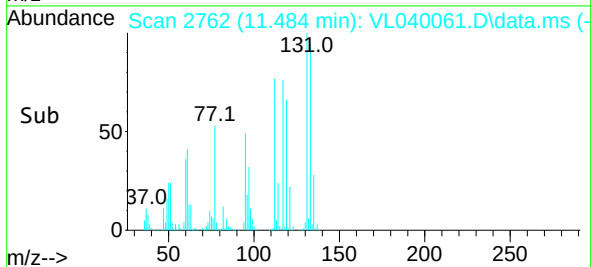
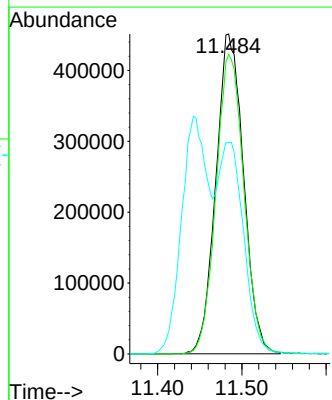
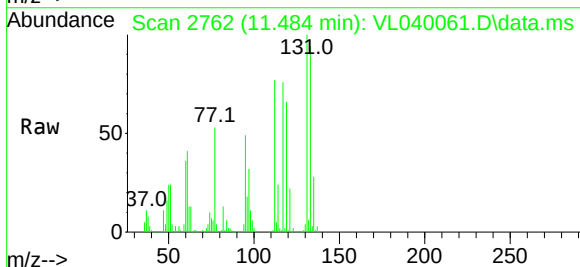
Instrument :
MSVOA_L
ClientSampleId :

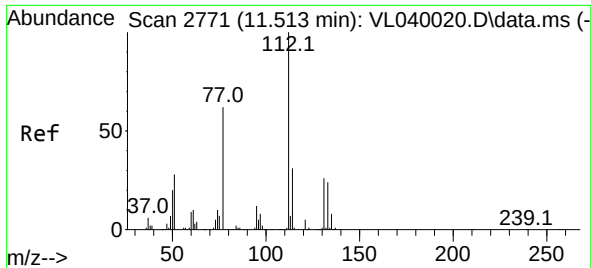
Tgt Ion:117 Resp: 2367130
Ion Ratio Lower Upper
117 100
82 66.2 51.2 76.8
119 32.9 23.2 34.8



#56
1,1,1,2-Tetrachloroethane
Concen: 9.407 ppbv
RT: 11.484 min Scan# 2762
Delta R.T. -0.013 min
Lab File: VL040061.D
Acq: 22 Dec 2022 10:11

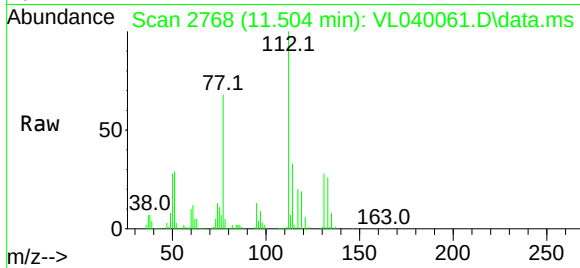
Tgt Ion:131 Resp: 1027187
Ion Ratio Lower Upper
131 100
133 94.3 75.8 113.8
119 67.8 52.3 78.5



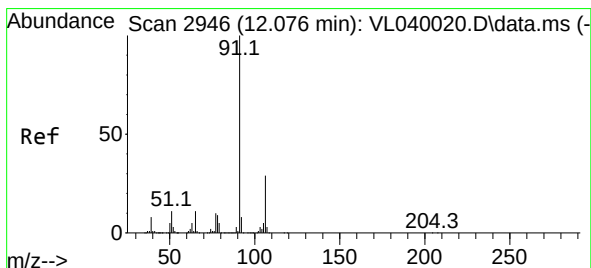
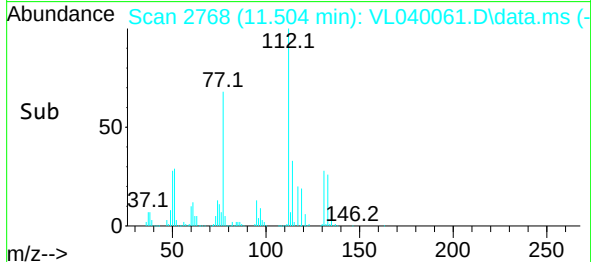
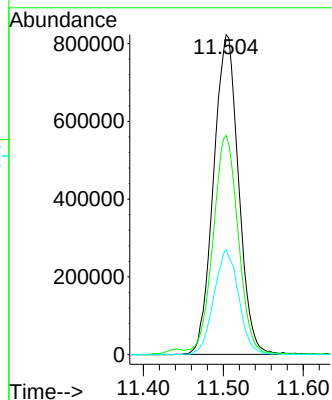


#57
Chlorobenzene
Concen: 8.867 ppbv
RT: 11.504 min Scan# 21
Delta R.T. -0.010 min
Lab File: VL040061.D
Acq: 22 Dec 2022 10:11

Instrument :
MSVOA_L
ClientSampleId :

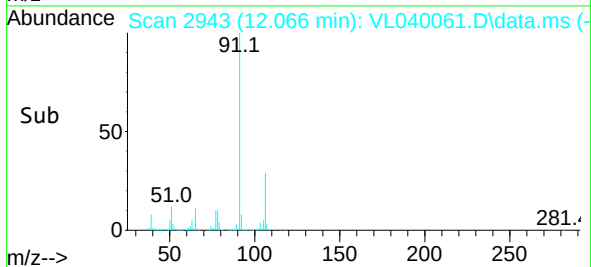
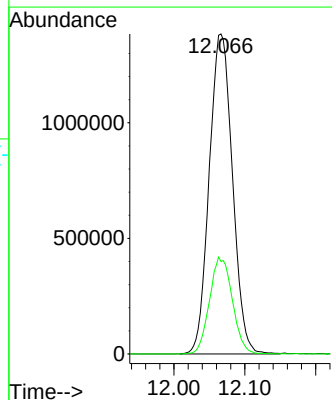
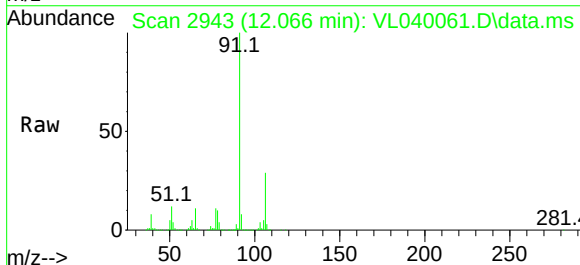


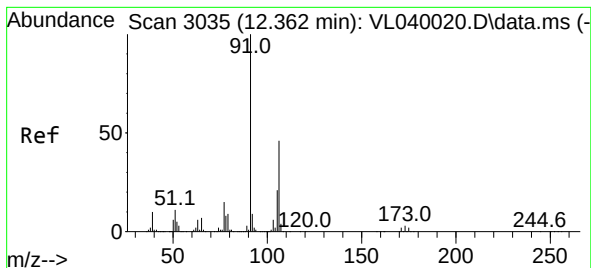
Tgt Ion:112 Resp: 1781753
Ion Ratio Lower Upper
112 100
77 68.1 50.6 75.8
114 32.6 27.8 34.0



#58
Ethyl Benzene
Concen: 9.367 ppbv
RT: 12.066 min Scan# 2943
Delta R.T. -0.010 min
Lab File: VL040061.D
Acq: 22 Dec 2022 10:11

Tgt Ion: 91 Resp: 3150429
Ion Ratio Lower Upper
91 100
106 28.9 23.5 35.3





#59

m/p-Xylene

Concen: 9.681 ppbv

RT: 12.352 min Scan# 3035

Delta R.T. -0.010 min

Lab File: VL040061.D

Acq: 22 Dec 2022 10:11

Instrument :

MSVOA_L

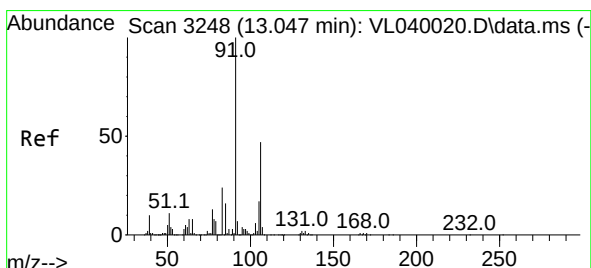
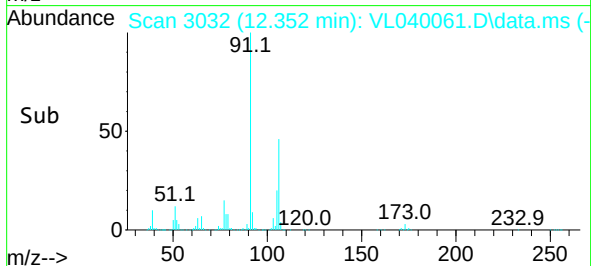
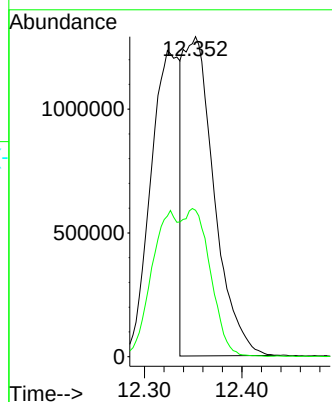
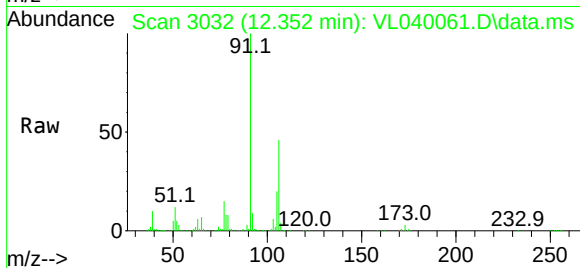
ClientSampleId :

Tgt Ion: 91 Resp: 2836368

Ion Ratio Lower Upper

91 100

106 82.4 35.5 53.3#



#60

o-Xylene

Concen: 9.129 ppbv

RT: 13.037 min Scan# 3245

Delta R.T. -0.010 min

Lab File: VL040061.D

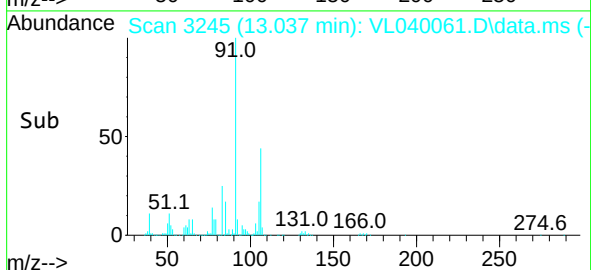
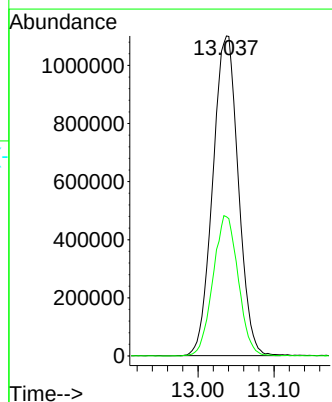
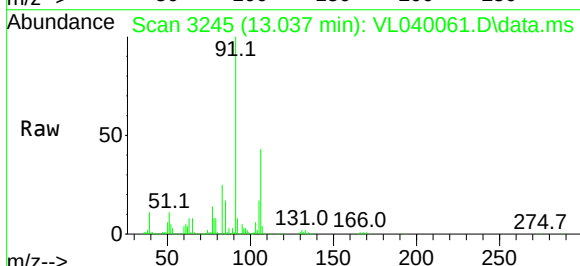
Acq: 22 Dec 2022 10:11

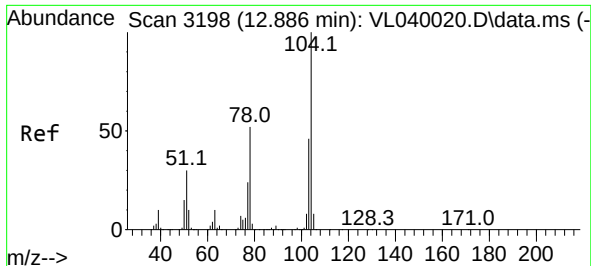
Tgt Ion: 91 Resp: 2562591

Ion Ratio Lower Upper

91 100

106 43.5 22.4 67.0

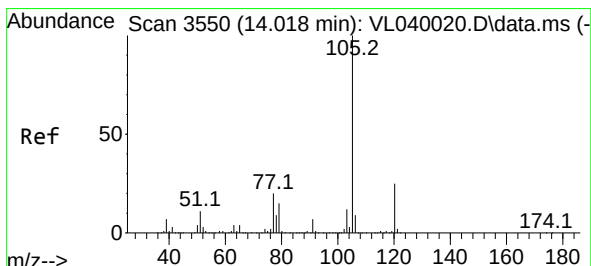
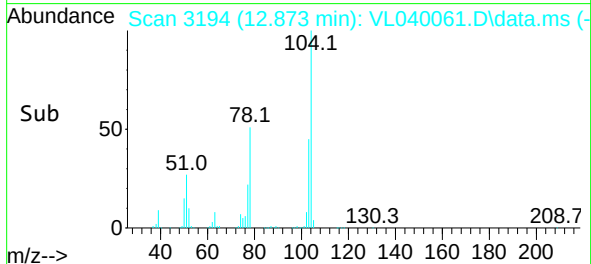
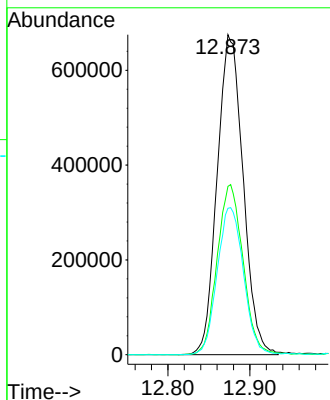
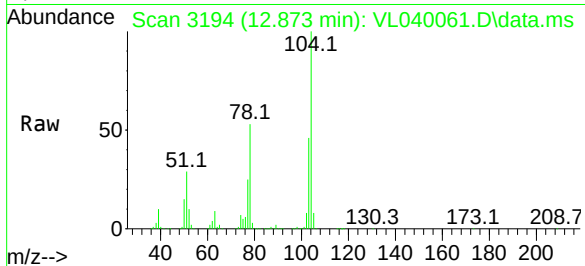




#61
Styrene
Concen: 9.848 ppbv
RT: 12.873 min Scan# 3198
Delta R.T. -0.013 min
Lab File: VL040061.D
Acq: 22 Dec 2022 10:11

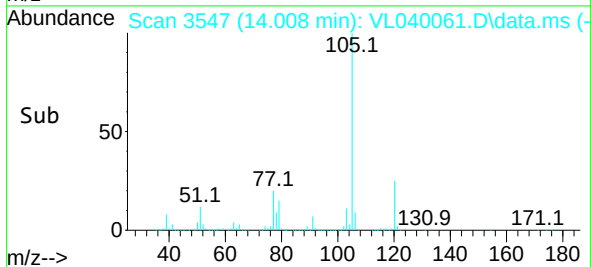
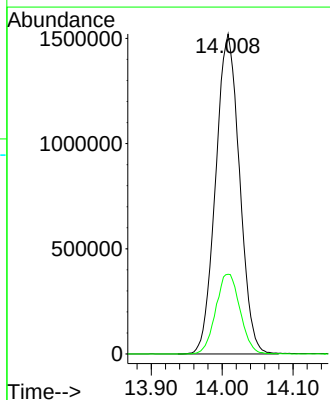
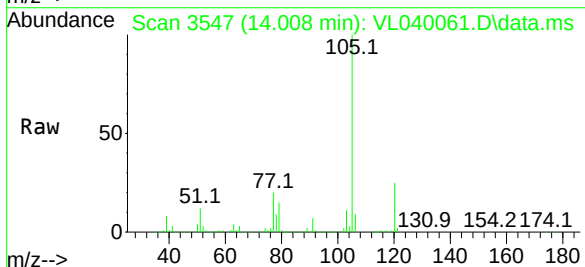
Instrument :
MSVOA_L
ClientSampleId :

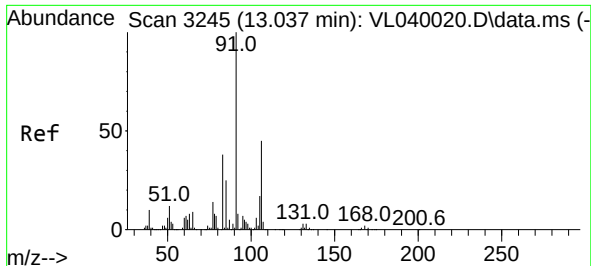
Tgt Ion:104 Resp: 1482669
Ion Ratio Lower Upper
104 100
78 53.2 42.4 63.6
103 46.9 37.2 55.8



#62
Isopropylbenzene
Concen: 8.799 ppbv
RT: 14.008 min Scan# 3547
Delta R.T. -0.010 min
Lab File: VL040061.D
Acq: 22 Dec 2022 10:11

Tgt Ion:105 Resp: 3560756
Ion Ratio Lower Upper
105 100
120 25.4 20.6 31.0

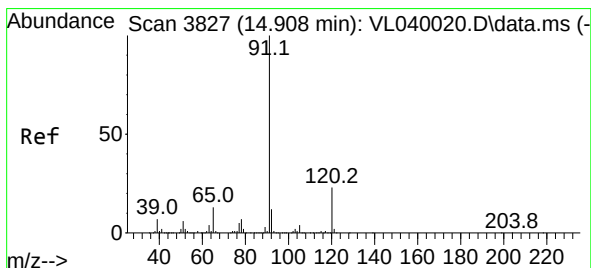
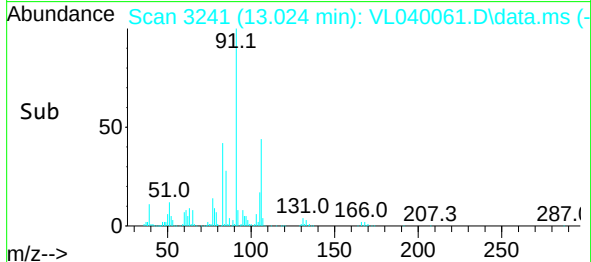
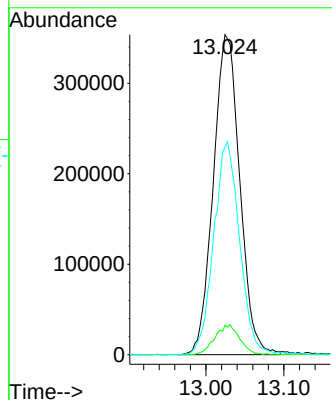
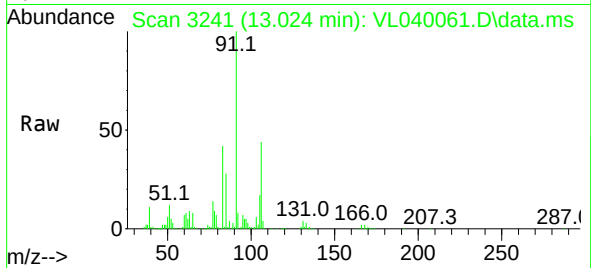




#63
1,1,2,2-Tetrachloroethane
Concen: 8.113 ppbv
RT: 13.024 min Scan# 31
Delta R.T. -0.013 min
Lab File: VL040061.D
Acq: 22 Dec 2022 10:11

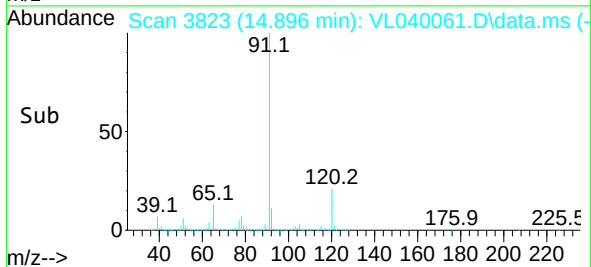
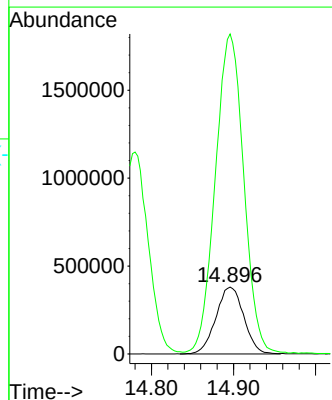
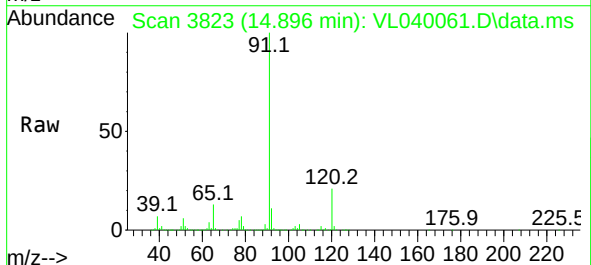
Instrument :
MSVOA_L
ClientSampleId :

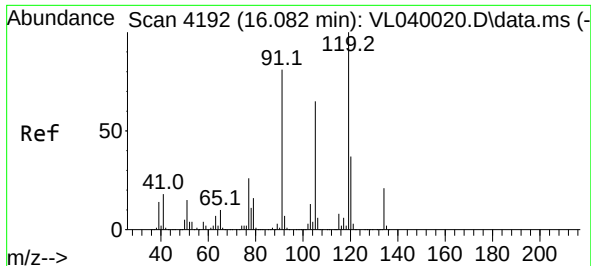
Tgt Ion: 83 Resp: 834895
Ion Ratio Lower Upper
83 100
131 8.9 4.5 13.5
85 65.3 33.3 99.9



#64
n-propylbenzene
Concen: 8.768 ppbv
RT: 14.896 min Scan# 3823
Delta R.T. -0.013 min
Lab File: VL040061.D
Acq: 22 Dec 2022 10:11

Tgt Ion:120 Resp: 896271
Ion Ratio Lower Upper
120 100
91 491.1 384.3 576.5

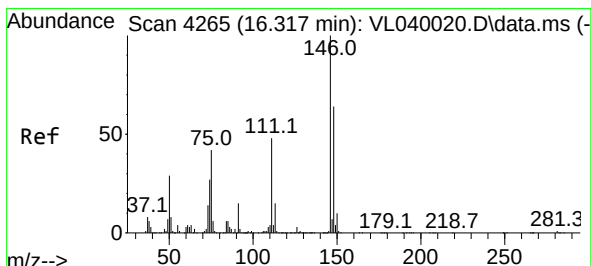
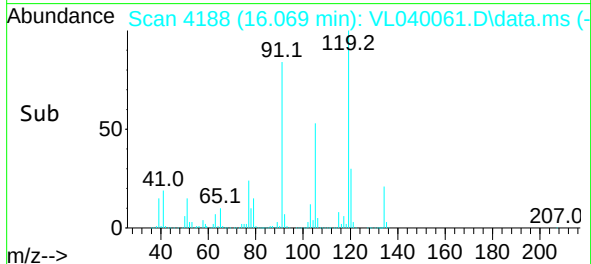
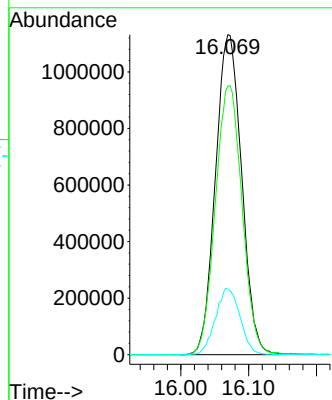
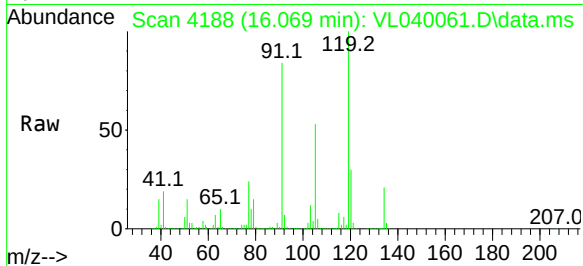




#65
tert-Butylbenzene
Concen: 8.623 ppbv
RT: 16.069 min Scan# 4192
Delta R.T. -0.013 min
Lab File: VL040061.D
Acq: 22 Dec 2022 10:11

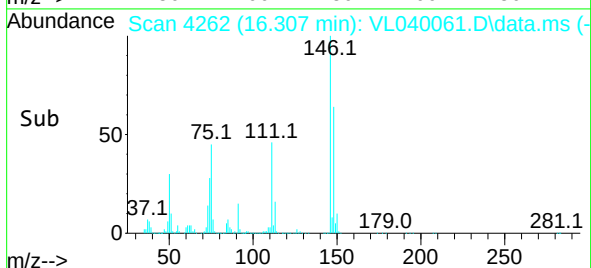
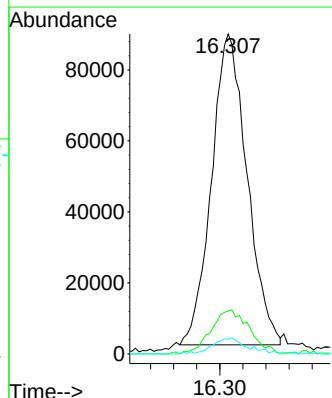
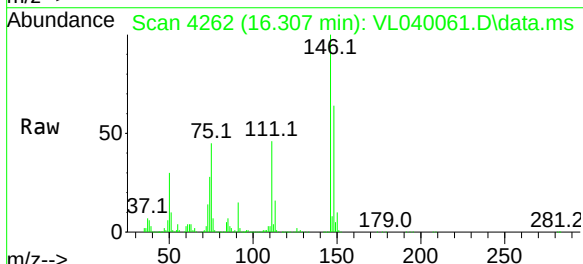
Instrument :
MSVOA_L
ClientSampleId :

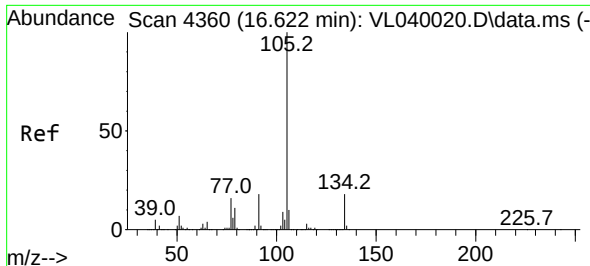
Tgt Ion:119 Resp: 3032687
Ion Ratio Lower Upper
119 100
91 86.0 66.9 100.3
134 19.5 15.8 23.6



#66
Benzyl Chloride
Concen: 9.108 ppbv
RT: 16.307 min Scan# 4262
Delta R.T. -0.010 min
Lab File: VL040061.D
Acq: 22 Dec 2022 10:11

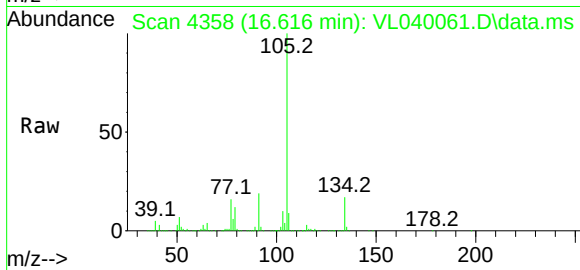
Tgt Ion: 91 Resp: 186779
Ion Ratio Lower Upper
91 100
126 15.6 12.2 18.2
128 5.2 4.2 6.2



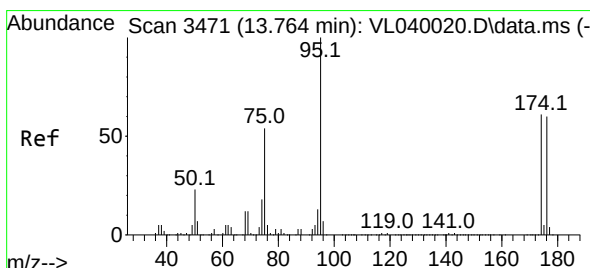
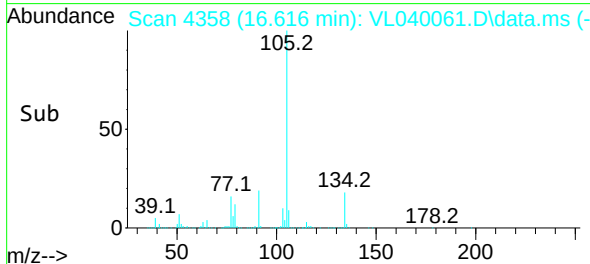
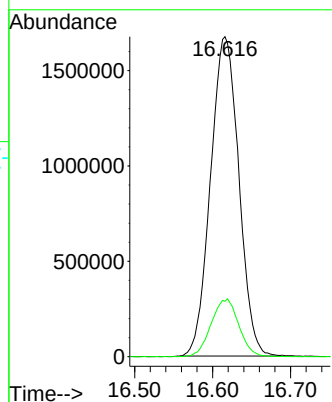


#67
 sec-Butylbenzene
 Concen: 8.570 ppbv
 RT: 16.616 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VL040061.D
 Acq: 22 Dec 2022 10:11

Instrument :
 MSVOA_L
 ClientSampleId :

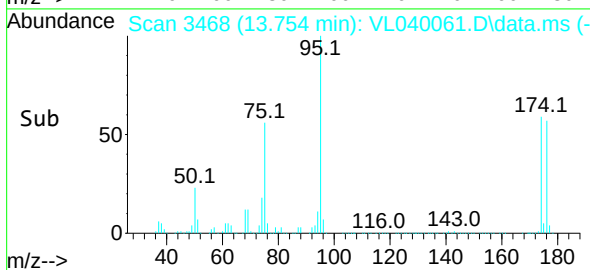
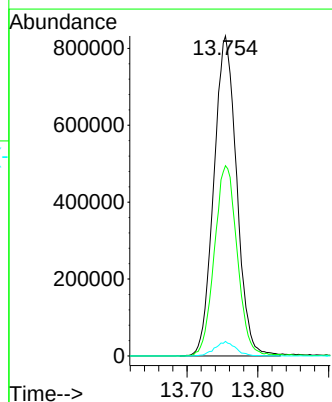
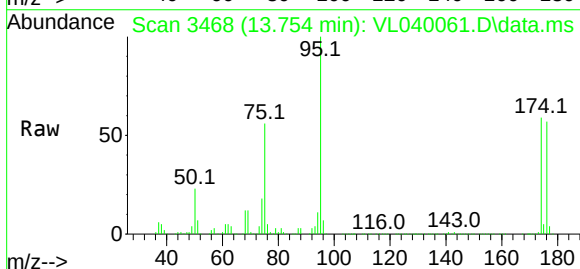


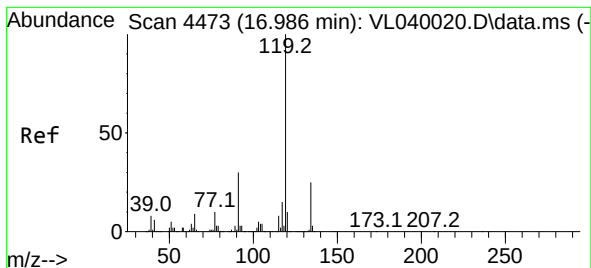
Tgt Ion:105 Resp: 4223572
 Ion Ratio Lower Upper
 105 100
 134 17.6 14.2 21.4



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.305 ppbv
 RT: 13.754 min Scan# 3468
 Delta R.T. -0.010 min
 Lab File: VL040061.D
 Acq: 22 Dec 2022 10:11

Tgt Ion: 95 Resp: 1863387
 Ion Ratio Lower Upper
 95 100
 174 60.2 48.6 73.0
 175 4.2 3.4 5.2





#69

p-Isopropyltoluene

Concen: 8.701 ppbv

RT: 16.976 min Scan# 4473

Delta R.T. -0.010 min

Lab File: VL040061.D

Acq: 22 Dec 2022 10:11

Instrument :

MSVOA_L

ClientSampleId :

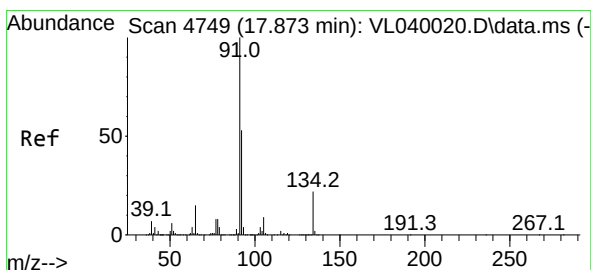
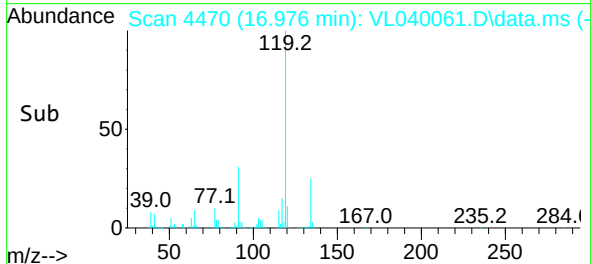
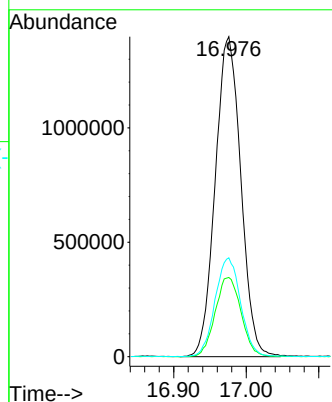
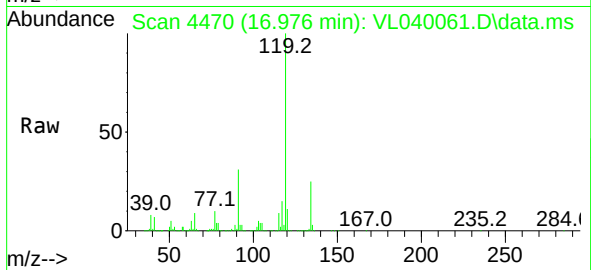
Tgt Ion:119 Resp: 3425631

Ion Ratio Lower Upper

119 100

134 25.2 20.2 30.4

91 30.9 24.2 36.4



#70

n-Butylbenzene

Concen: 8.771 ppbv

RT: 17.863 min Scan# 4746

Delta R.T. -0.010 min

Lab File: VL040061.D

Acq: 22 Dec 2022 10:11

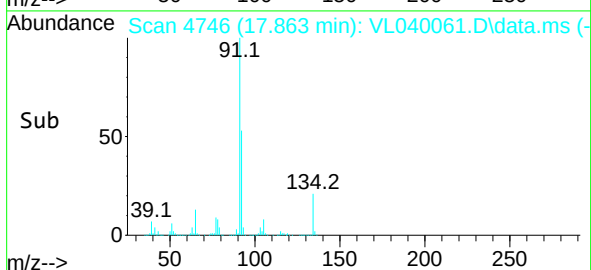
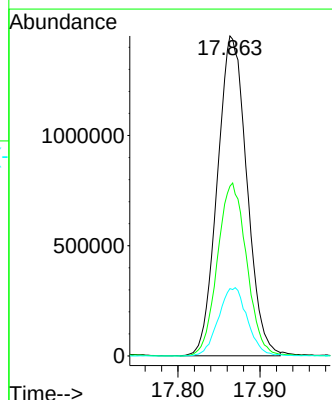
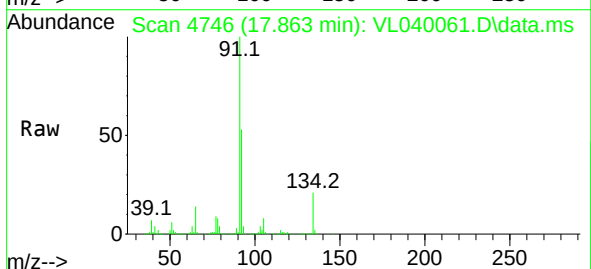
Tgt Ion: 91 Resp: 3617899

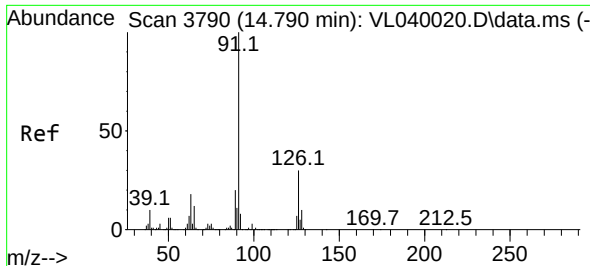
Ion Ratio Lower Upper

91 100

92 53.8 43.2 64.8

134 21.2 17.4 26.2

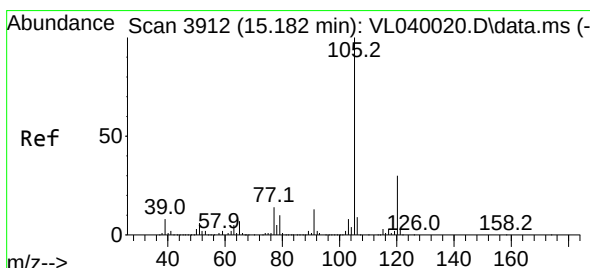
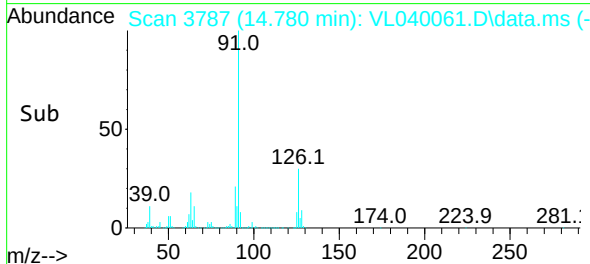
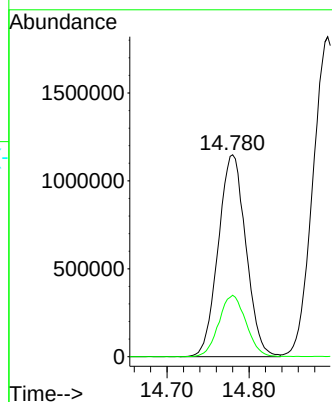
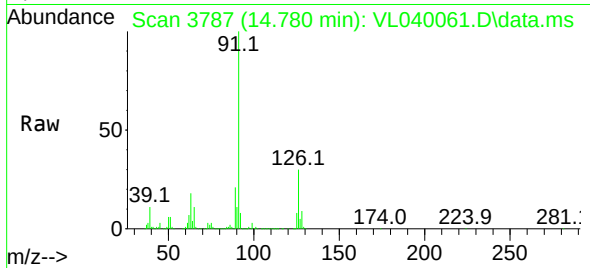




#71
2-Chlorotoluene
Concen: 8.710 ppbv
RT: 14.780 min Scan# 31
Delta R.T. -0.010 min
Lab File: VL040061.D
Acq: 22 Dec 2022 10:11

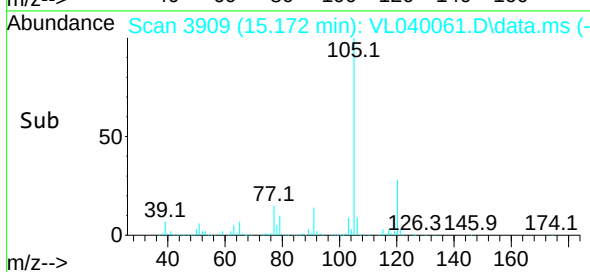
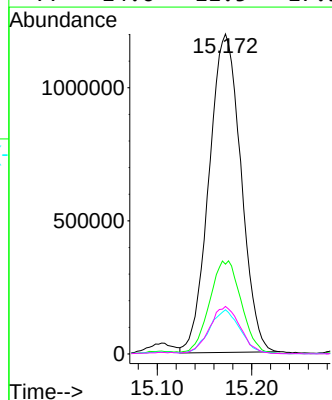
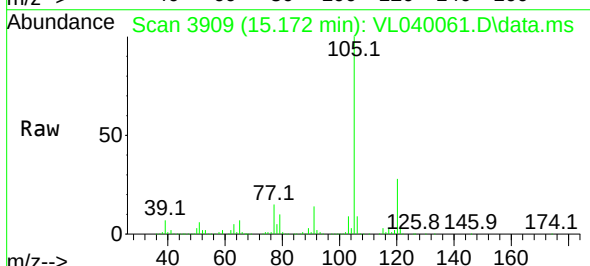
Instrument :
MSVOA_L
ClientSampleId :

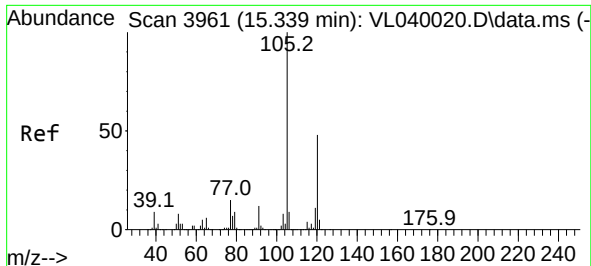
Tgt Ion: 91 Resp: 2689473
Ion Ratio Lower Upper
91 100
126 30.0 12.1 48.5



#72
4-Ethyltoluene
Concen: 9.000 ppbv
RT: 15.172 min Scan# 3909
Delta R.T. -0.010 min
Lab File: VL040061.D
Acq: 22 Dec 2022 10:11

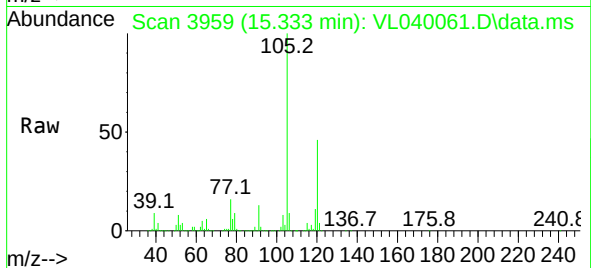
Tgt Ion: 105 Resp: 2805030
Ion Ratio Lower Upper
105 100
120 29.3 23.5 35.3
91 14.2 10.5 15.7
77 14.6 11.5 17.3



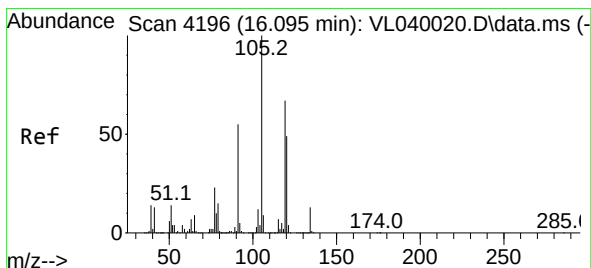
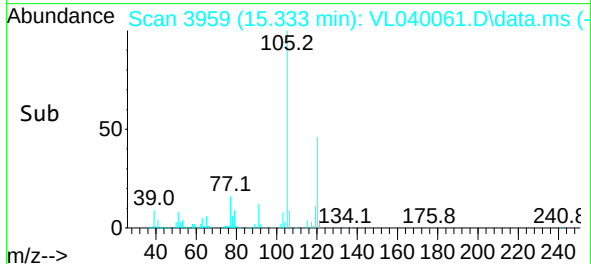
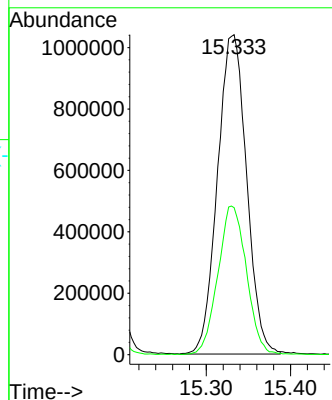


#73
 1,3,5-Trimethylbenzene
 Concen: 8.858 ppbv
 RT: 15.333 min Scan# 3959
 Delta R.T. -0.006 min
 Lab File: VL040061.D
 Acq: 22 Dec 2022 10:11

Instrument :
 MSVOA_L
 ClientSampleId :

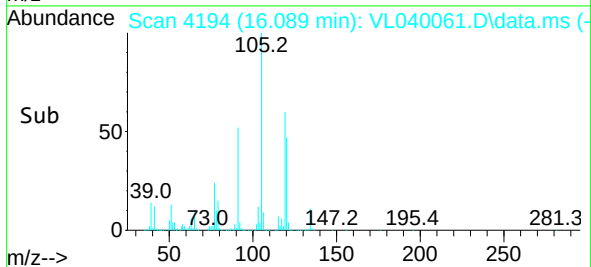
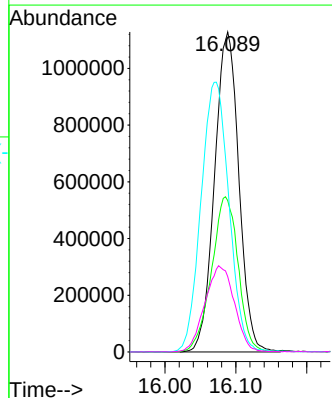
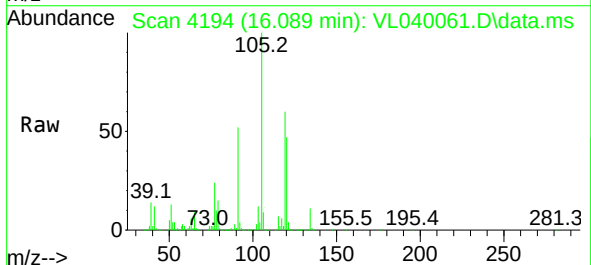


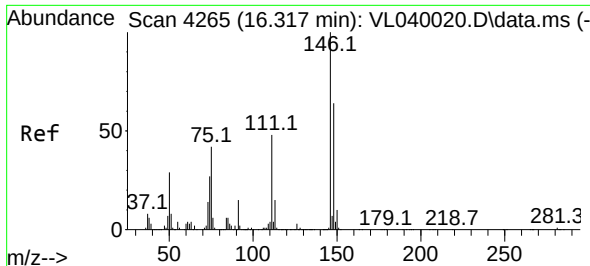
Tgt Ion:105 Resp: 2489690
 Ion Ratio Lower Upper
 105 100
 120 45.9 38.4 57.6



#74
 1,2,4-Trimethylbenzene
 Concen: 8.676 ppbv
 RT: 16.089 min Scan# 4194
 Delta R.T. -0.006 min
 Lab File: VL040061.D
 Acq: 22 Dec 2022 10:11

Tgt Ion:105 Resp: 2688029
 Ion Ratio Lower Upper
 105 100
 120 47.2 39.3 58.9
 91 52.3 44.2 66.4
 77 23.4 18.8 28.2

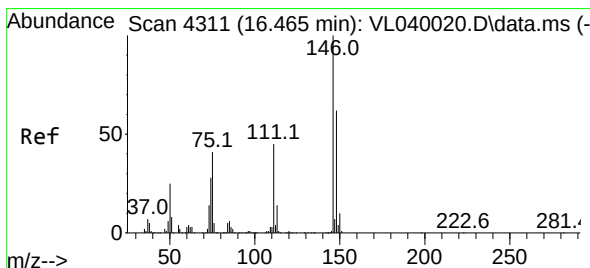
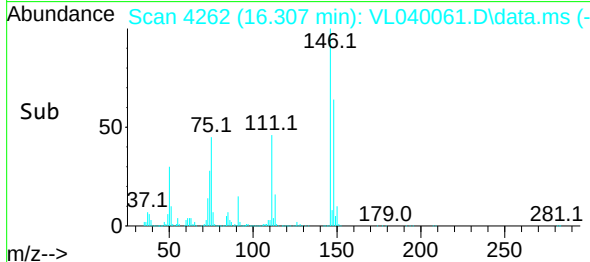
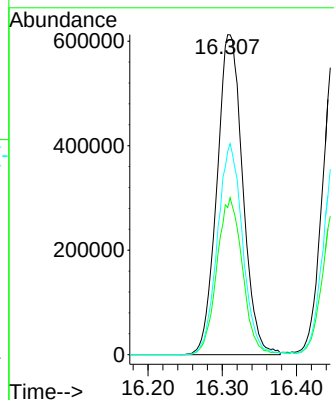
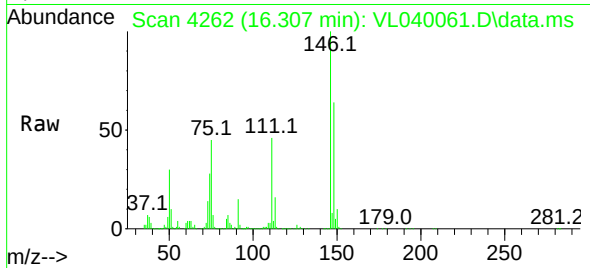




#75
1,3-Dichlorobenzene
Concen: 8.728 ppbv
RT: 16.307 min Scan# 4307
Delta R.T. -0.010 min
Lab File: VL040061.D
Acq: 22 Dec 2022 10:11

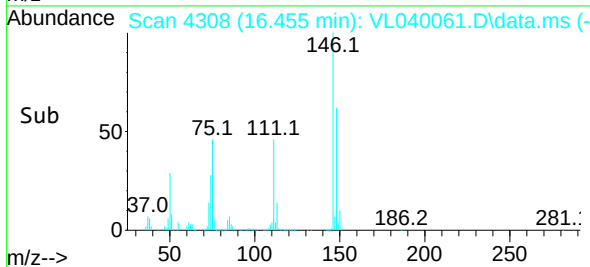
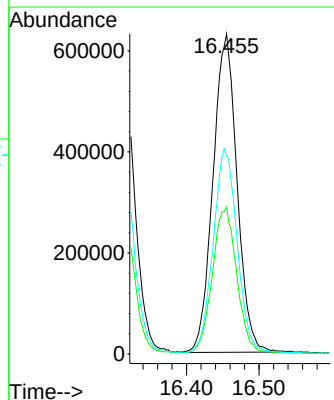
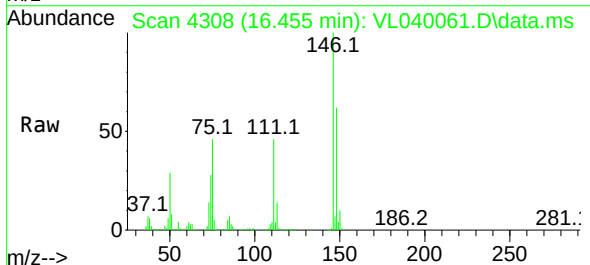
Instrument :
MSVOA_L
ClientSampleId :

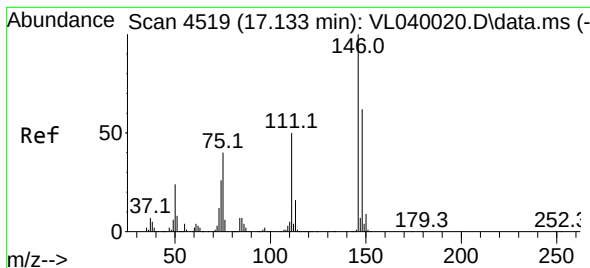
Tgt Ion:146 Resp: 1479644
Ion Ratio Lower Upper
146 100
111 48.7 23.9 71.8
148 64.1 32.0 96.2



#76
1,4-Dichlorobenzene
Concen: 8.761 ppbv
RT: 16.455 min Scan# 4308
Delta R.T. -0.010 min
Lab File: VL040061.D
Acq: 22 Dec 2022 10:11

Tgt Ion:146 Resp: 1450045
Ion Ratio Lower Upper
146 100
111 47.5 23.4 70.2
148 65.4 32.0 96.2





#77

1,2-Dichlorobenzene

Concen: 8.775 ppbv

RT: 17.121 min Scan# 41

Delta R.T. -0.013 min

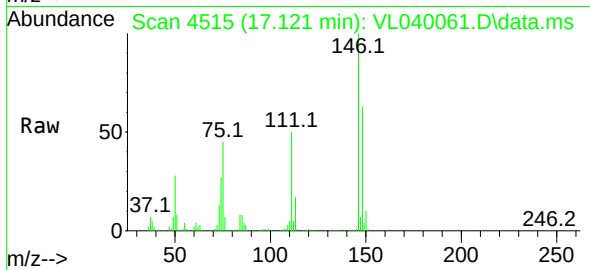
Lab File: VL040061.D

Acq: 22 Dec 2022 10:11

Instrument :

MSVOA_L

ClientSampleId :



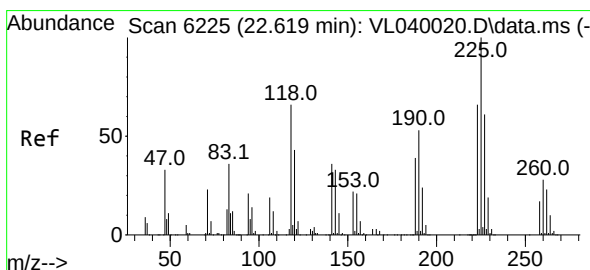
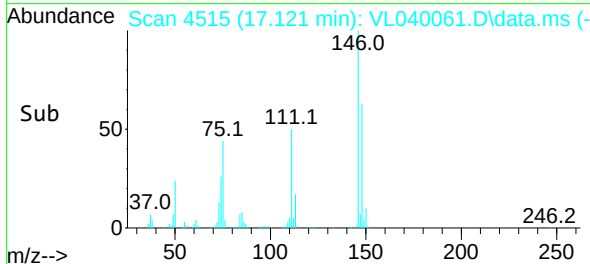
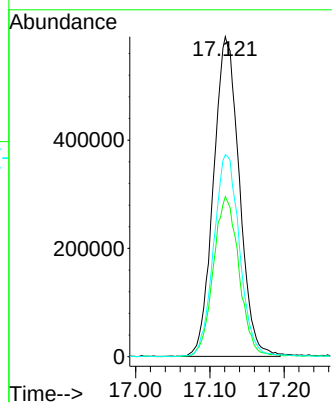
Tgt Ion:146 Resp: 1426674

Ion Ratio Lower Upper

146 100

111 49.9 25.3 75.9

148 63.5 31.9 95.9



#78

Hexachloro-1,3-Butadiene

Concen: 8.607 ppbv

RT: 22.616 min Scan# 6224

Delta R.T. -0.003 min

Lab File: VL040061.D

Acq: 22 Dec 2022 10:11

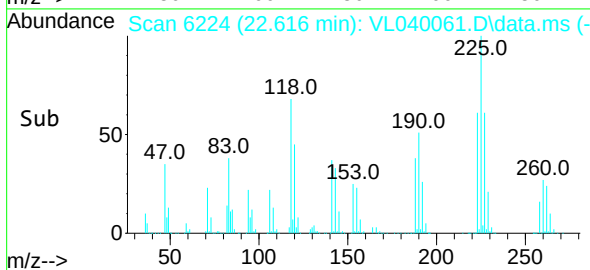
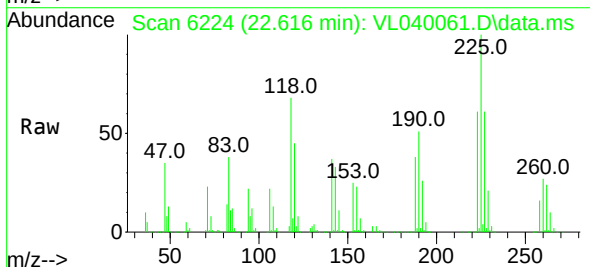
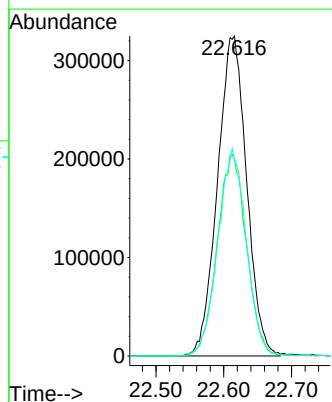
Tgt Ion:225 Resp: 970827

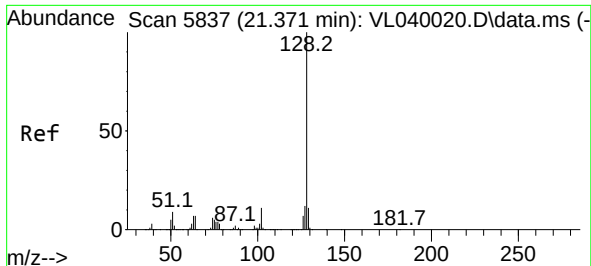
Ion Ratio Lower Upper

225 100

223 63.3 0.0 0.0#

227 63.5 0.0 0.0#

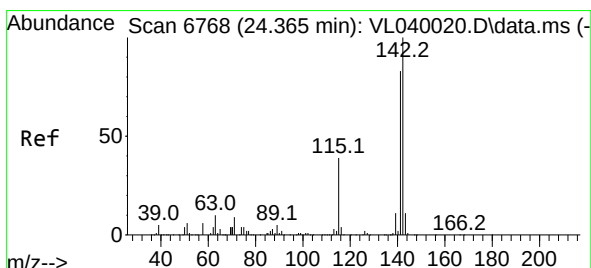
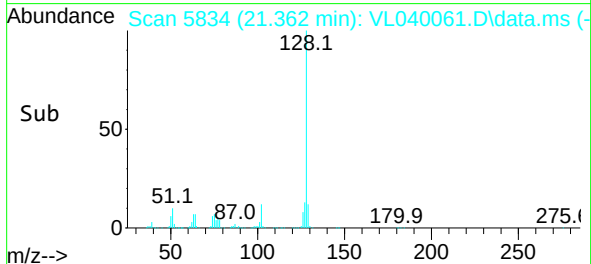
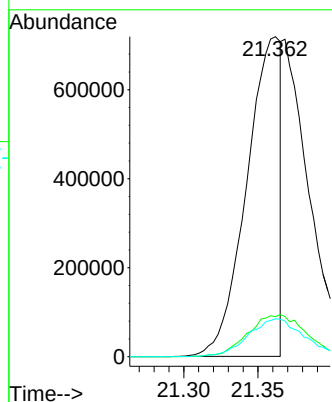
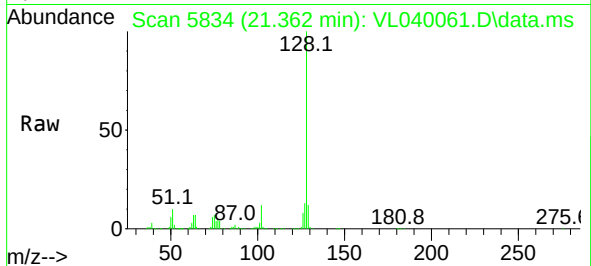




#79
Naphthalene
Concen: 6.218 ppbv
RT: 21.362 min Scan# 5834
Delta R.T. -0.010 min
Lab File: VL040061.D
Acq: 22 Dec 2022 10:11

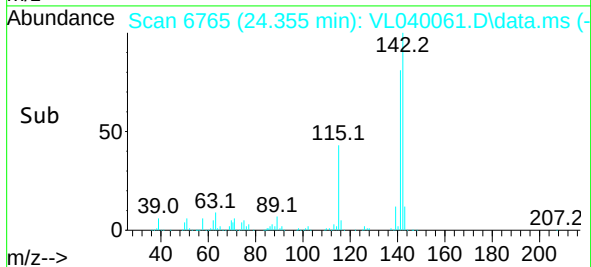
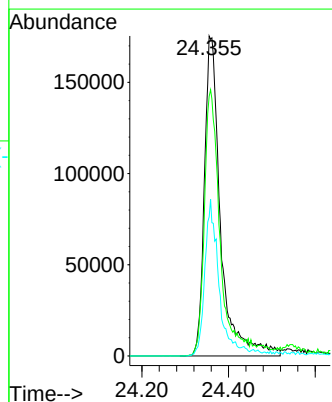
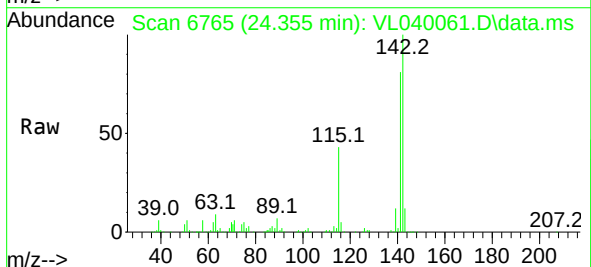
Instrument :
MSVOA_L
ClientSampleId :

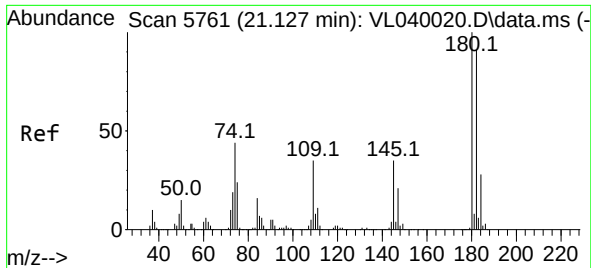
Tgt Ion:128 Resp: 1148014
Ion Ratio Lower Upper
128 100
127 12.5 10.0 15.0
129 11.8 8.8 13.2



#80
Naphthalene,2-methyl-
Concen: 8.067 ppbv
RT: 24.355 min Scan# 6765
Delta R.T. -0.010 min
Lab File: VL040061.D
Acq: 22 Dec 2022 10:11

Tgt Ion:142 Resp: 455656
Ion Ratio Lower Upper
142 100
141 83.6 65.3 97.9
115 44.3 31.9 47.9





#81

1,2,4-Trichlorobenzene

Concen: 9.295 ppbv

RT: 21.117 min Scan# 51

Delta R.T. -0.010 min

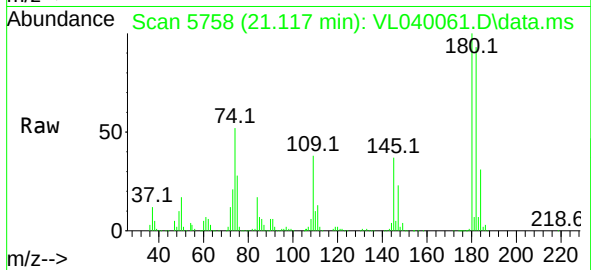
Lab File: VL040061.D

Acq: 22 Dec 2022 10:11

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:180 Resp: 1019229

Ion Ratio Lower Upper

180 100

182 95.6 76.6 115.0

184 30.9 24.9 37.3

