

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL122222\
 Data File : VL040063.D
 Acq On : 22 Dec 2022 11:48
 Operator : SY/MD
 Sample : VL1222ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Dec 23 06:26:33 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	888899	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.632	114	2496599	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.449	117	2322384	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.757	95	1844816	10.399	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.000%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.706	85	1424804	8.563	ppbv	99
3) Chlorodifluoromethane	2.652	51	1179897	8.996	ppbv	99
4) Chloromethane	2.790	50	737045	8.969	ppbv	99
5) Vinyl Chloride	2.896	62	618229	9.298	ppbv	98
6) Bromomethane	3.095	94	223802	9.161	ppbv	94
7) Chloroethane	3.173	64	236658	9.434	ppbv	95
8) Dichlorotetrafluoroethane	2.832	85	1586427	9.062	ppbv	98
9) Propene	2.671	41	492823	8.855	ppbv	99
10) Heptane	7.558	43	1254232	9.233	ppbv	98
11) Trichlorofluoromethane	3.539	101	1724649	9.539	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.044	101	1289704	9.419	ppbv	99
13) Ethanol	3.218	45	33165	6.331	ppbv	79
14) Bromoethene	3.340	108	499958	9.696	ppbv	99
15) Acetone	3.443	43	1154349	8.395	ppbv	100
16) 1,3-Butadiene	2.960	39	577045	9.654	ppbv	99
17) tert-Butyl alcohol	3.851	59	1191808	8.791	ppbv	99
18) 1,1-Dichloroethene	3.857	96	560530	9.405	ppbv	97
19) Isopropyl Alcohol	3.549	45	604807	8.925	ppbv #	97
20) Methylene Chloride	3.909	84	486584	8.325	ppbv	96
21) Allyl Chloride	3.970	41	791373	9.577	ppbv	99
22) trans-1,2-Dichloroethene	4.423	96	599854	10.098	ppbv	94
23) Vinyl Acetate	4.600	43	414118	9.499	ppbv	97
24) 1,1-Dichloroethane	4.539	63	1183372	9.244	ppbv	99
25) Ethyl Acetate	5.179	43	2163868	9.086	ppbv	99
26) Hexane	5.189	57	916153	9.153	ppbv	99
27) Carbon Disulfide	4.099	76	1390367	11.013	ppbv	98
28) Methyl tert-Butyl Ether	4.562	73	1076721	9.128	ppbv	99
29) Chloroform	5.250	83	1387263	9.083	ppbv	100
30) Cyclohexane	6.578	84	820945	9.261	ppbv	99
31) cis-1,2-Dichloroethene	5.054	61	896777	9.408	ppbv	97
32) 1,1,1-Trichloroethane	5.980	97	1647469	10.075	ppbv	99
34) 2-Butanone	4.761	43	1283051	9.473	ppbv	100
35) Carbon Tetrachloride	6.472	117	1710064	11.028	ppbv	100
36) Benzene	6.346	78	2094581	9.394	ppbv	96
37) 1,2-Dichloroethane	5.783	62	1279840	9.785	ppbv	98
38) Trichloroethene	7.272	130	1229353	10.729	ppbv	99
39) 1,2-Dichloropropane	7.050	63	783201	9.371	ppbv	94
40) 1,4-Dioxane	7.266	88	342440	9.091	ppbv	93
41) Tetrahydrofuran	5.533	42	790573	9.352	ppbv	99
42) Bromodichloromethane	7.227	83	1821236	10.164	ppbv	98
43) Methyl Methacrylate	7.452	69	834736	9.975	ppbv	99
44) 2,2,4-Trimethylpentane	7.308	57	3434111	9.355	ppbv	100
45) t-1,3-Dichloropropene	8.687	75	791981	11.198	ppbv	99

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 Misc : 400mL/MSVOA_L
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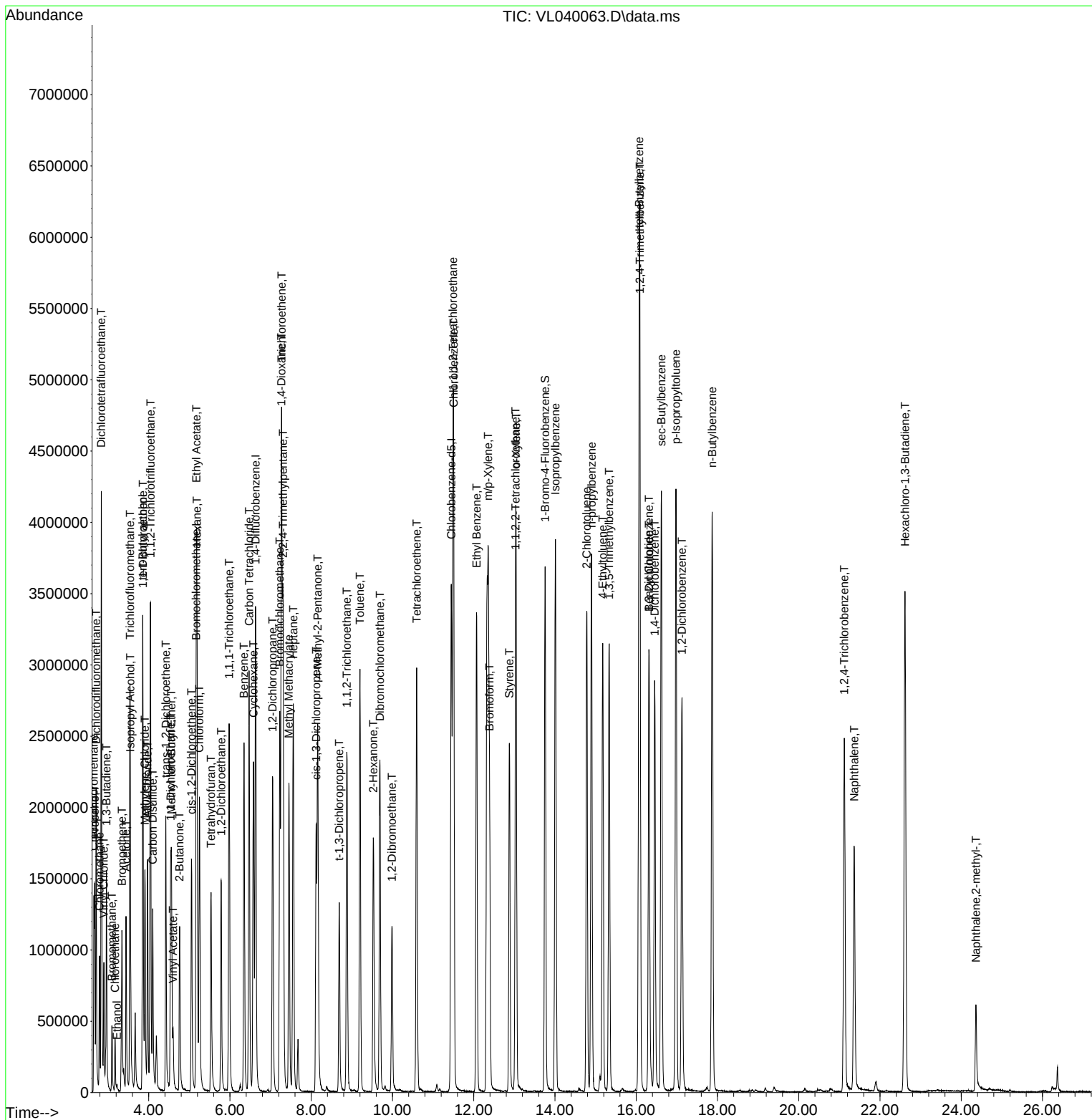
Instrument :
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 ClientSampleId :

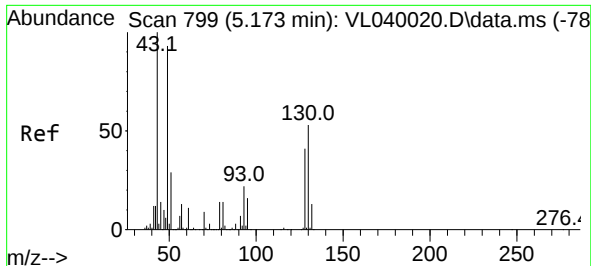
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 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Dec 20 04:50:21 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.121	75	1074799	10.775	ppbv	99
47) 1,1,2-Trichloroethane	8.877	97	854145	9.332	ppbv	97
48) Dibromochloromethane	9.693	129	1432594	10.292	ppbv	99
49) Bromoform	12.391	173	1057353	9.958	ppbv	99
50) 4-Methyl-2-Pentanone	8.160	43	2119876	9.581	ppbv	99
51) 2-Hexanone	9.529	43	1649155	9.582	ppbv #	99
52) Tetrachloroethene	10.597	164	704629	9.295	ppbv	98
53) Toluene	9.201	91	2364174	9.577	ppbv	100
54) 1,2-Dibromoethane	9.989	107	973656	9.879	ppbv	98
56) 1,1,1,2-Tetrachloroethane	11.491	131	1020994	9.531	ppbv	99
57) Chlorobenzene	11.507	112	1783381	9.046	ppbv	96
58) Ethyl Benzene	12.069	91	3145133	9.532	ppbv	99
59) m/p-Xylene	12.352	91	2642260	9.192	ppbv #	33
60) o-Xylene	13.040	91	2536731	9.211	ppbv	100
61) Styrene	12.880	104	1472135	9.967	ppbv	99
62) Isopropylbenzene	14.011	105	3539791	8.915	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.028	83	820833	8.130	ppbv	99
64) n-propylbenzene	14.902	120	896975	8.944	ppbv	98
65) tert-Butylbenzene	16.072	119	3015615	8.740	ppbv	98
66) Benzyl Chloride	16.310	91	195137	9.698	ppbv	100
67) sec-Butylbenzene	16.619	105	4235197	8.759	ppbv	99
69) p-Isopropyltoluene	16.979	119	3418667	8.851	ppbv	100
70) n-Butylbenzene	17.870	91	3630436	8.971	ppbv	99
71) 2-Chlorotoluene	14.780	91	2692139	8.887	ppbv	100
72) 4-Ethyltoluene	15.175	105	2801865	9.163	ppbv	99
73) 1,3,5-Trimethylbenzene	15.333	105	2468868	8.953	ppbv	94
74) 1,2,4-Trimethylbenzene	16.092	105	2663234	8.761	ppbv	97
75) 1,3-Dichlorobenzene	16.310	146	1463380	8.798	ppbv	99
76) 1,4-Dichlorobenzene	16.455	146	1437879	8.855	ppbv	99
77) 1,2-Dichlorobenzene	17.124	146	1412081	8.852	ppbv	99
78) Hexachloro-1,3-Butadiene	22.616	225	990713	8.953	ppbv #	100
79) Naphthalene	21.365	128	2158852	11.919	ppbv	99
80) Naphthalene,2-methyl-	24.365	142	454096	8.194	ppbv	99
81) 1,2,4-Trichlorobenzene	21.124	180	1075171	9.994	ppbv	99

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

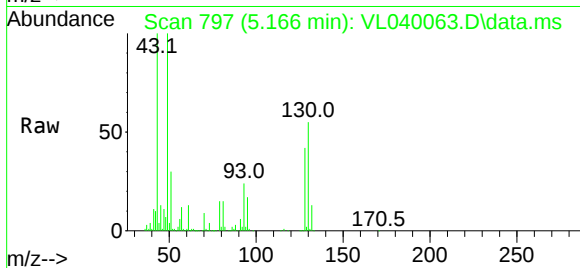
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QLast Update : Tue Dec 20 04:50:21 2022
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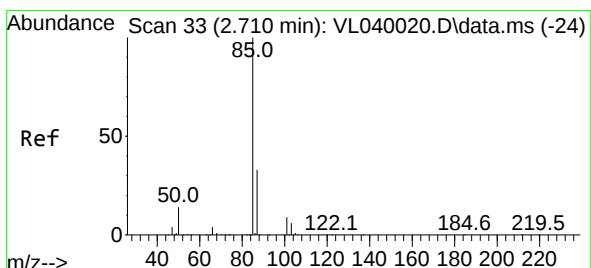
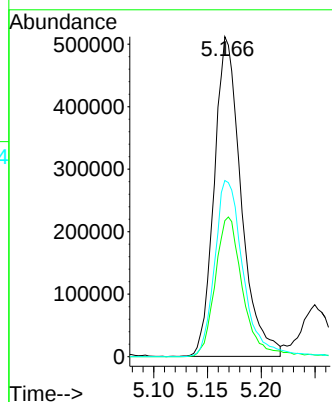
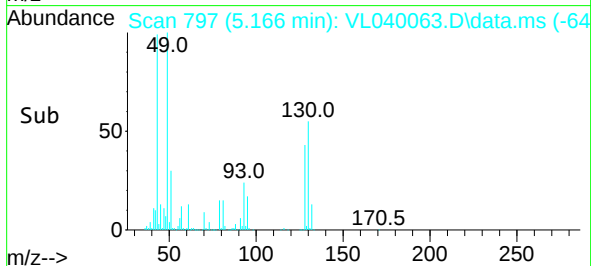


#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.166 min Scan# 799
 Delta R.T. -0.007 min
 Lab File: VL040063.D
 Acq: 22 Dec 2022 11:48

Instrument :
 MSVOA_L
 ClientSampleId :

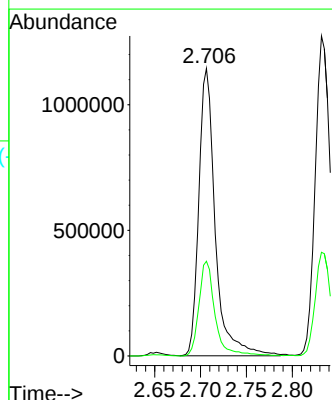
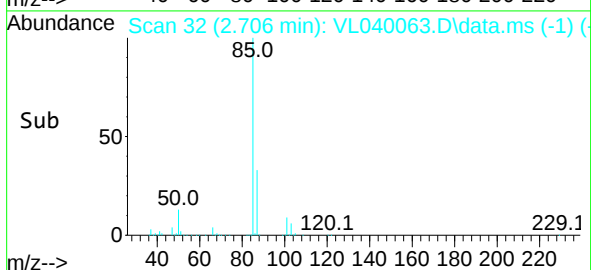
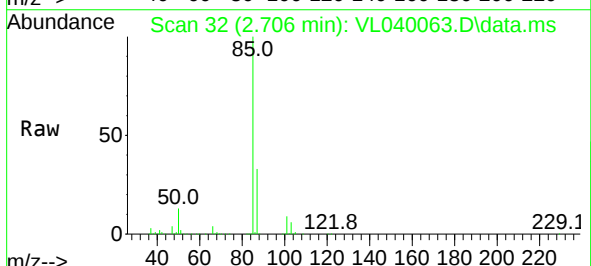


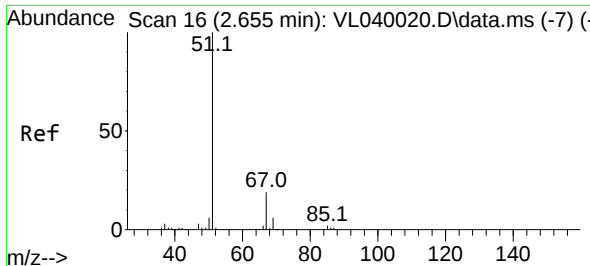
Tgt Ion: 49 Resp: 888899
 Ion Ratio Lower Upper
 49 100
 128 46.0 22.4 67.3
 130 59.6 28.9 86.8



#2
 Dichlorodifluoromethane
 Concen: 8.563 ppbv
 RT: 2.706 min Scan# 32
 Delta R.T. -0.003 min
 Lab File: VL040063.D
 Acq: 22 Dec 2022 11:48

Tgt Ion: 85 Resp: 1424804
 Ion Ratio Lower Upper
 85 100
 87 32.9 26.6 40.0

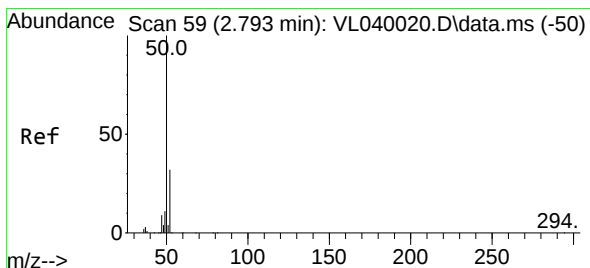
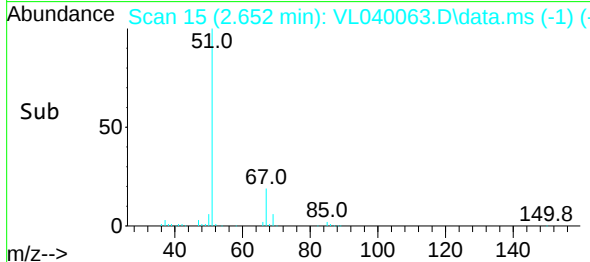
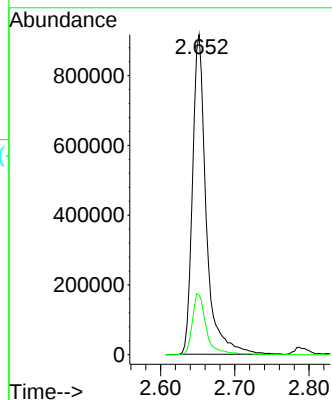
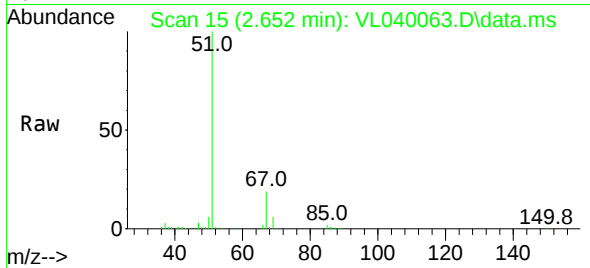




#3
Chlorodifluoromethane
Concen: 8.996 ppbv
RT: 2.652 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL040063.D
Acq: 22 Dec 2022 11:48

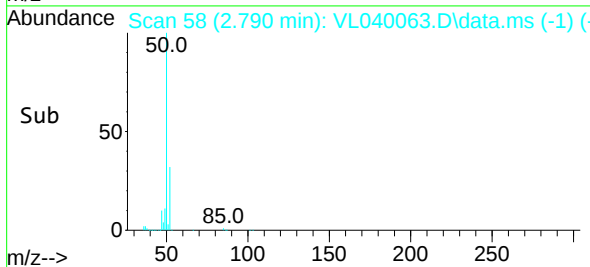
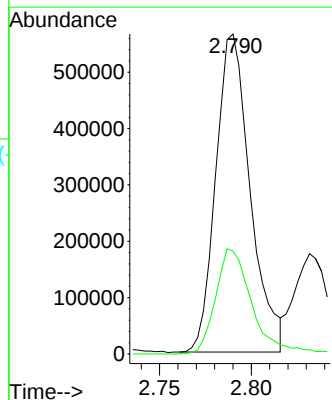
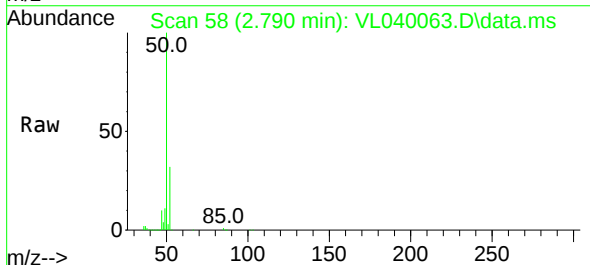
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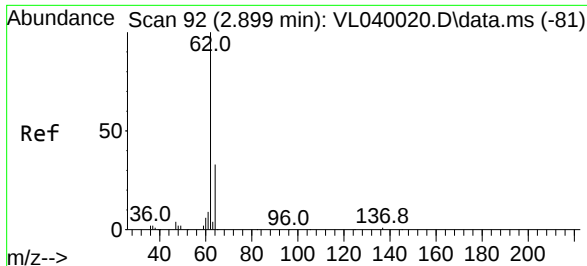
Tgt Ion: 51 Resp: 1179897
Ion Ratio Lower Upper
51 100
67 19.6 15.3 22.9



#4
Chloromethane
Concen: 8.969 ppbv
RT: 2.790 min Scan# 58
Delta R.T. -0.003 min
Lab File: VL040063.D
Acq: 22 Dec 2022 11:48

Tgt Ion: 50 Resp: 737045
Ion Ratio Lower Upper
50 100
52 32.3 25.5 38.3

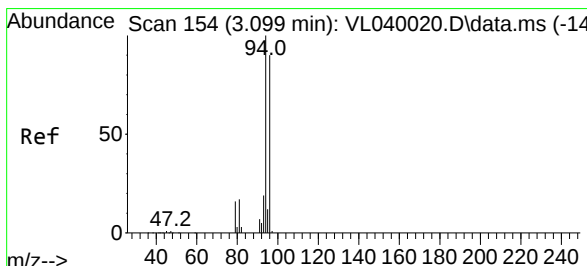
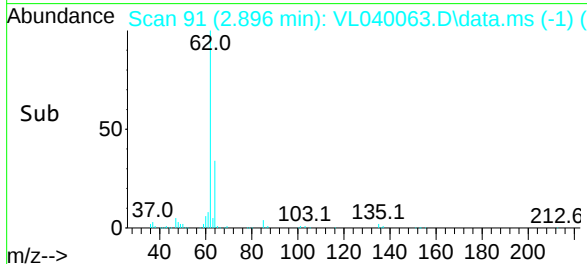
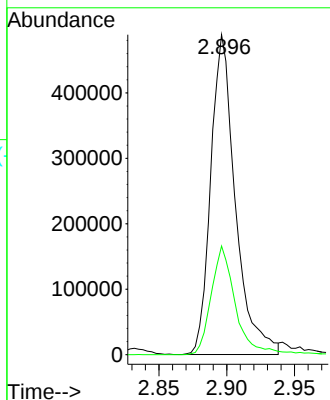
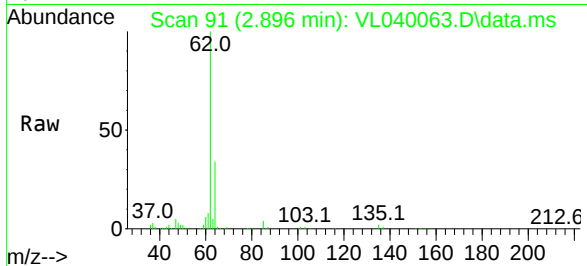




#5
 Vinyl Chloride
 Concen: 9.298 ppbv
 RT: 2.896 min Scan# 91
 Delta R.T. -0.003 min
 Lab File: VL040063.D
 Acq: 22 Dec 2022 11:48

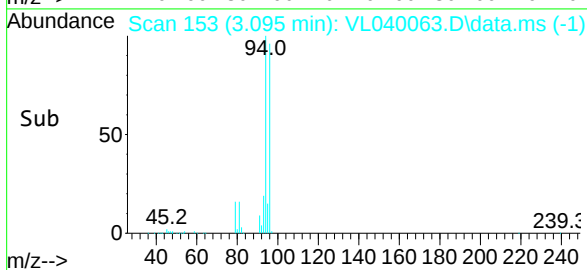
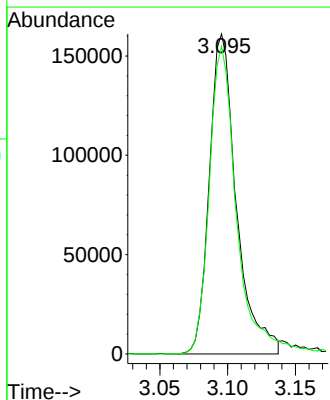
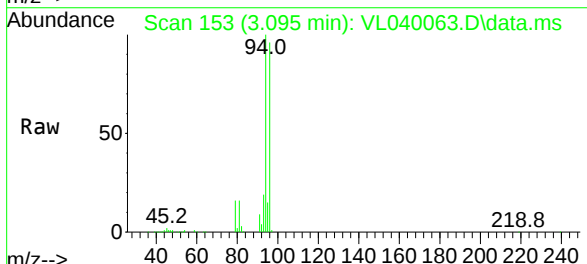
Instrument :
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 ClientSampleId :

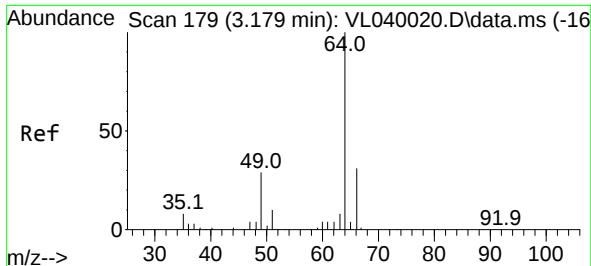
Tgt Ion: 62 Resp: 618229
 Ion Ratio Lower Upper
 62 100
 64 34.0 26.1 39.1



#6
 Bromomethane
 Concen: 9.161 ppbv
 RT: 3.095 min Scan# 153
 Delta R.T. -0.003 min
 Lab File: VL040063.D
 Acq: 22 Dec 2022 11:48

Tgt Ion: 94 Resp: 223802
 Ion Ratio Lower Upper
 94 100
 96 96.1 72.0 108.0

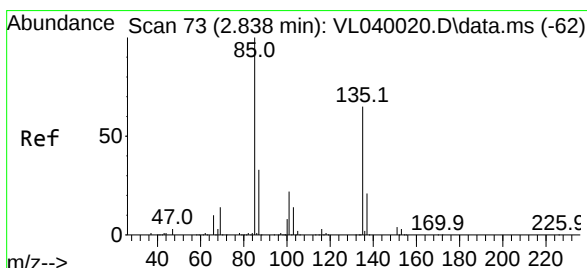
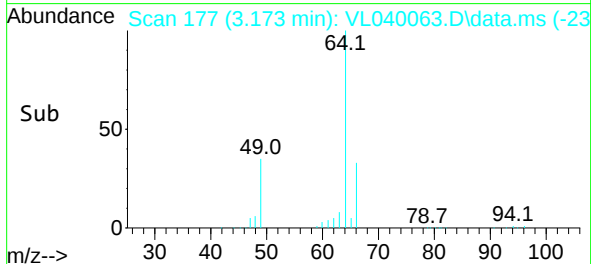
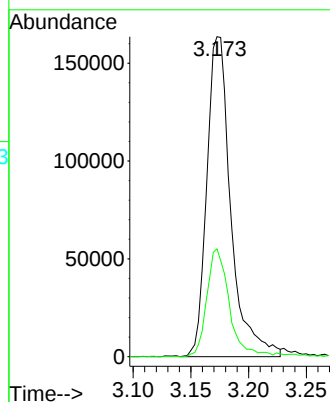
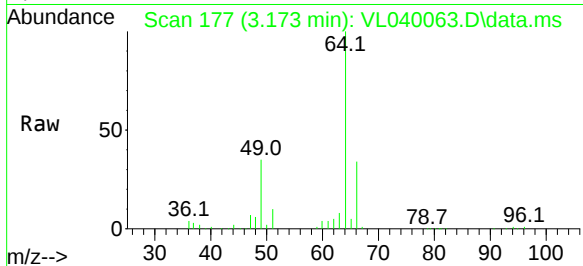




#7
Chloroethane
Concen: 9.434 ppbv
RT: 3.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VL040063.D
Acq: 22 Dec 2022 11:48

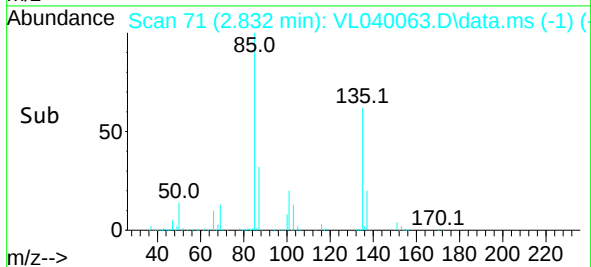
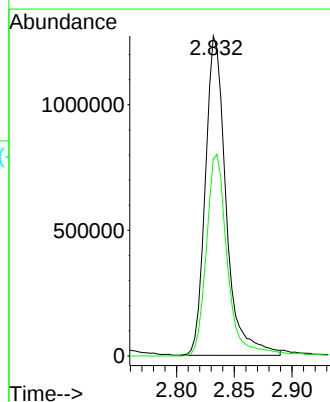
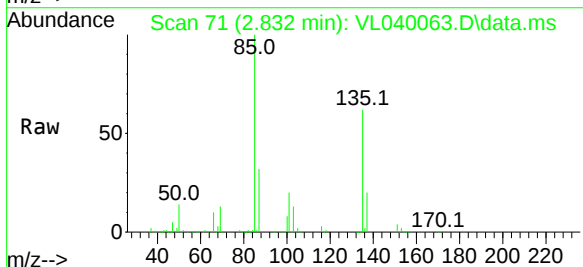
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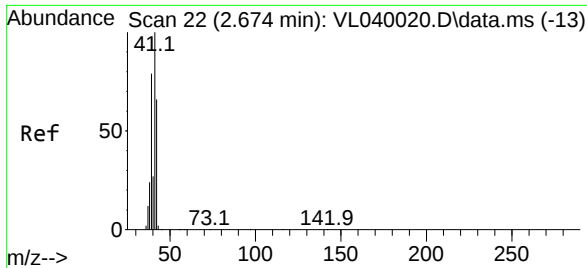
Tgt Ion: 64 Resp: 236658
Ion Ratio Lower Upper
64 100
66 33.7 24.6 37.0



#8
Dichlorotetrafluoroethane
Concen: 9.062 ppbv
RT: 2.832 min Scan# 71
Delta R.T. -0.006 min
Lab File: VL040063.D
Acq: 22 Dec 2022 11:48

Tgt Ion: 85 Resp: 1586427
Ion Ratio Lower Upper
85 100
135 65.3 53.2 79.8

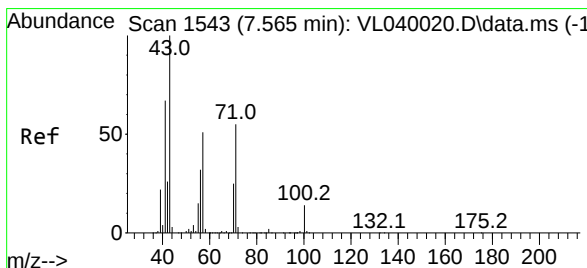
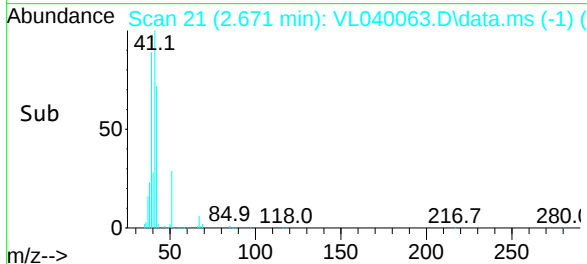
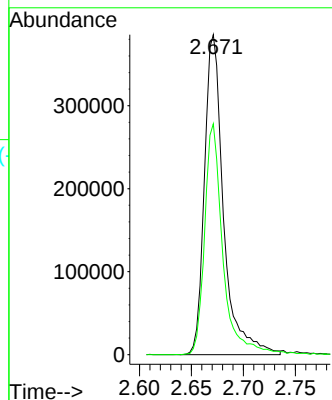
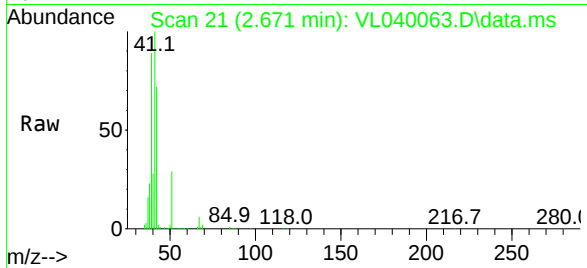




#9
 Propene
 Concen: 8.855 ppbv
 RT: 2.671 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VL040063.D
 Acq: 22 Dec 2022 11:48

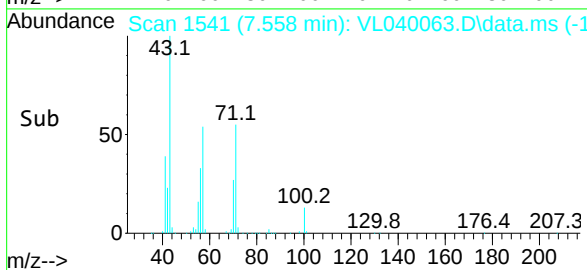
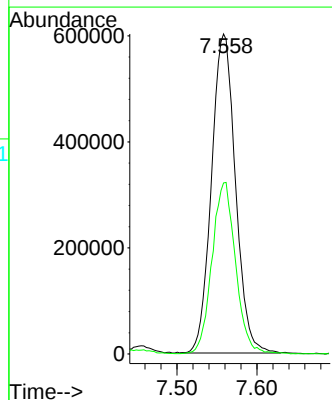
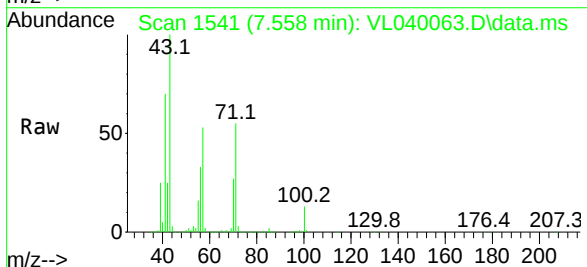
Instrument :
 MSVOA_L
 ClientSampleId :

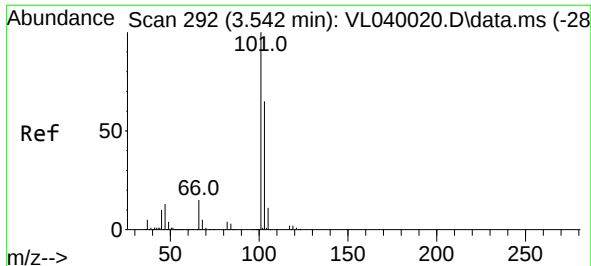
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 Ion Ratio Lower Upper
 41 100
 42 69.5 54.8 82.2



#10
 Heptane
 Concen: 9.233 ppbv
 RT: 7.558 min Scan# 1541
 Delta R.T. -0.006 min
 Lab File: VL040063.D
 Acq: 22 Dec 2022 11:48

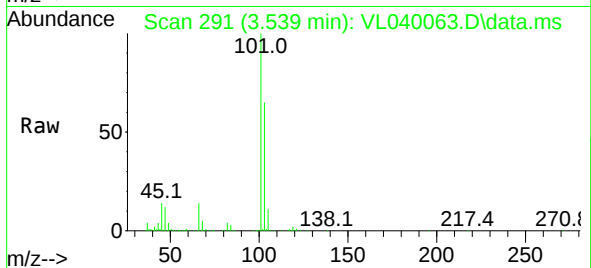
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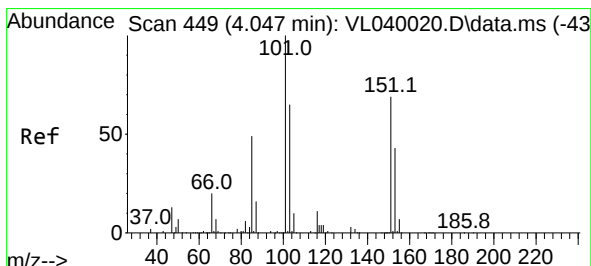
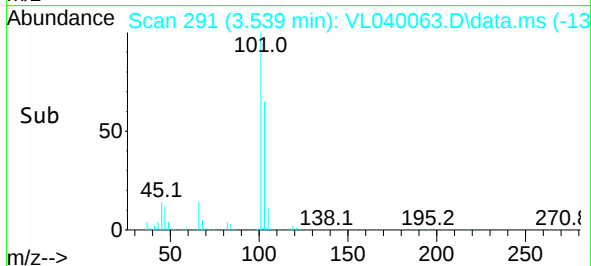
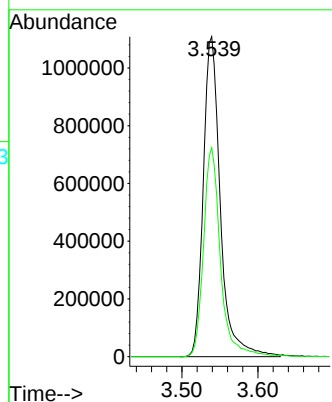


#11
 Trichlorofluoromethane
 Concen: 9.539 ppbv
 RT: 3.539 min Scan# 291
 Delta R.T. -0.003 min
 Lab File: VL040063.D
 Acq: 22 Dec 2022 11:48

Instrument :
 MSVOA_L
 ClientSampleId :

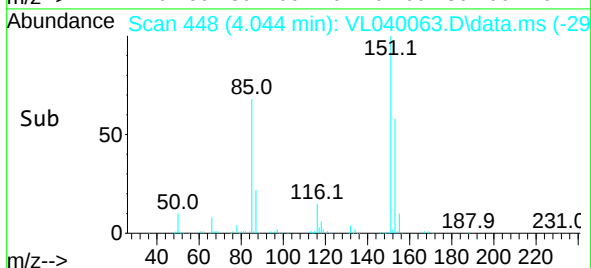
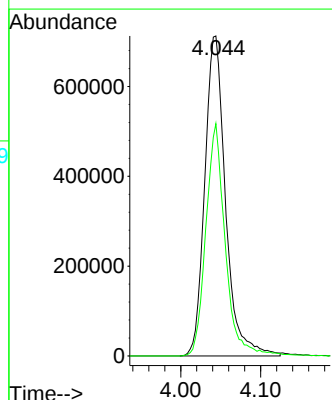
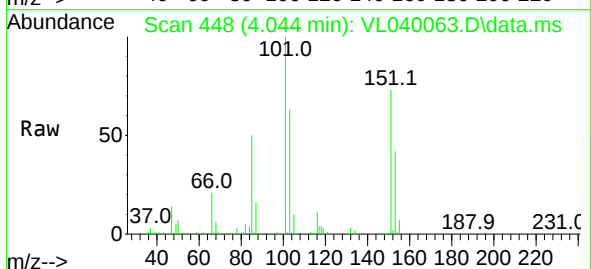


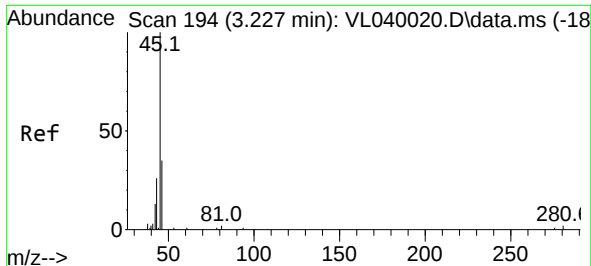
Tgt Ion:101 Resp: 1724649
 Ion Ratio Lower Upper
 101 100
 103 65.3 51.7 77.5



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.419 ppbv
 RT: 4.044 min Scan# 448
 Delta R.T. -0.003 min
 Lab File: VL040063.D
 Acq: 22 Dec 2022 11:48

Tgt Ion:101 Resp: 1289704
 Ion Ratio Lower Upper
 101 100
 151 68.0 55.0 82.4

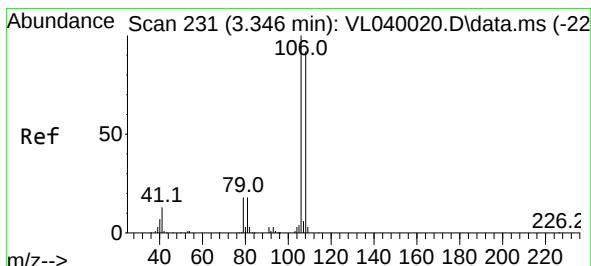
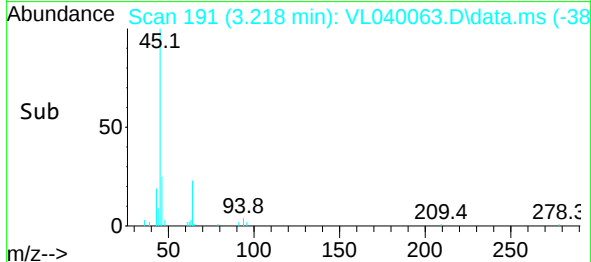
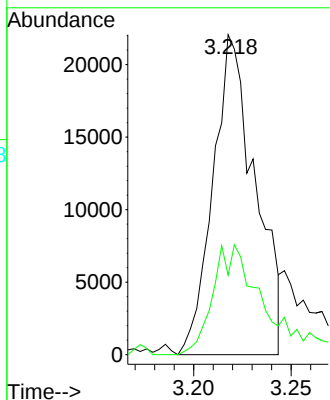
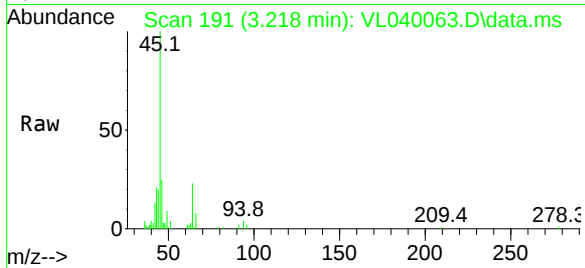




#13
Ethanol
Concen: 6.331 ppbv
RT: 3.218 min Scan# 194
Delta R.T. -0.010 min
Lab File: VL040063.D
Acq: 22 Dec 2022 11:48

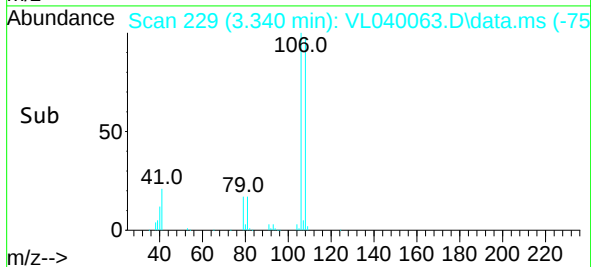
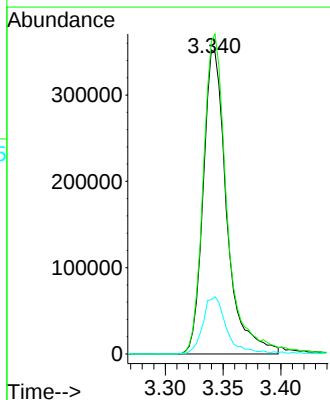
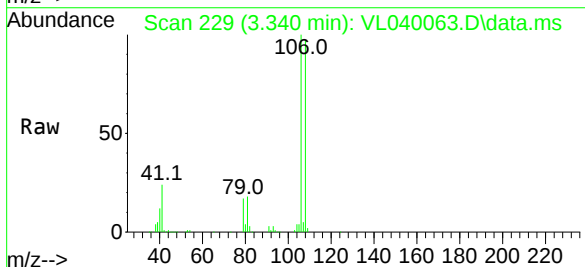
Instrument :
MSVOA_L
ClientSampleId :

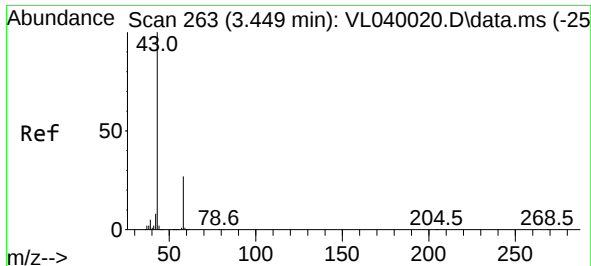
Tgt Ion: 45 Resp: 33165
Ion Ratio Lower Upper
45 100
46 46.5 13.7 54.7



#14
Bromoethene
Concen: 9.696 ppbv
RT: 3.340 min Scan# 229
Delta R.T. -0.006 min
Lab File: VL040063.D
Acq: 22 Dec 2022 11:48

Tgt Ion:108 Resp: 499958
Ion Ratio Lower Upper
108 100
106 108.0 87.5 131.3
79 19.5 15.8 23.8

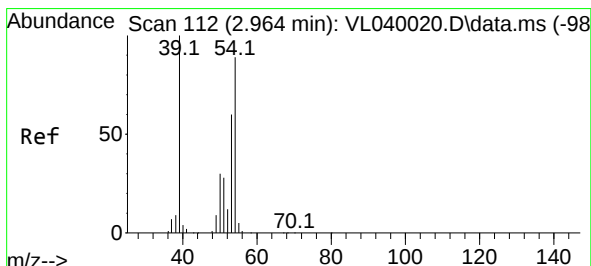
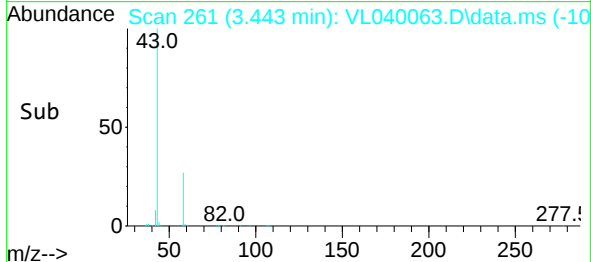
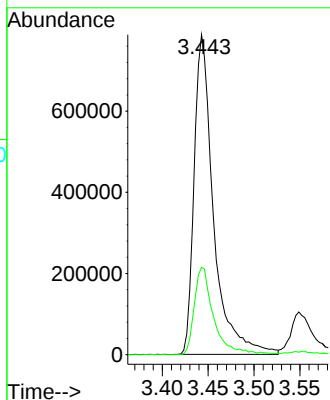
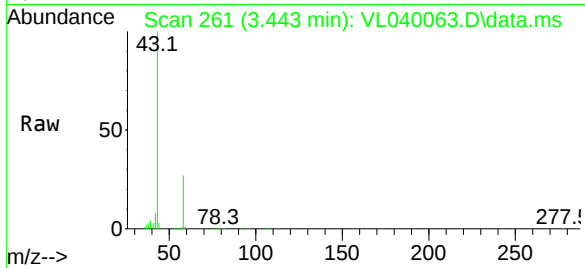




#15
Acetone
Concen: 8.395 ppbv
RT: 3.443 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL040063.D
Acq: 22 Dec 2022 11:48

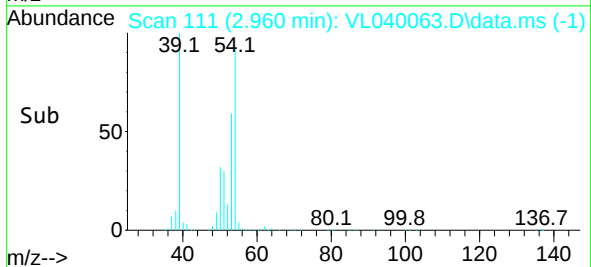
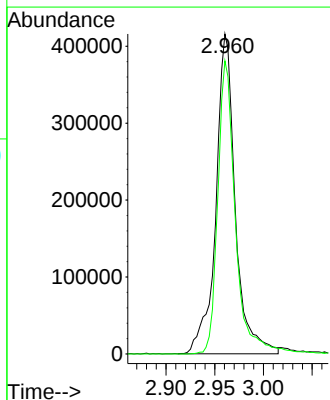
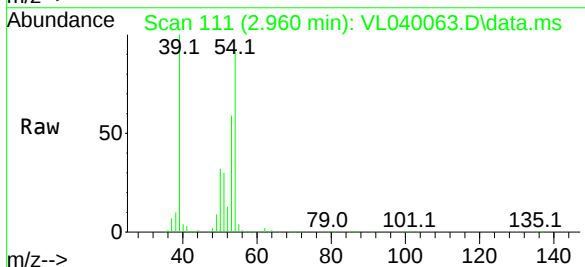
Instrument :
MSVOA_L
ClientSampleId :

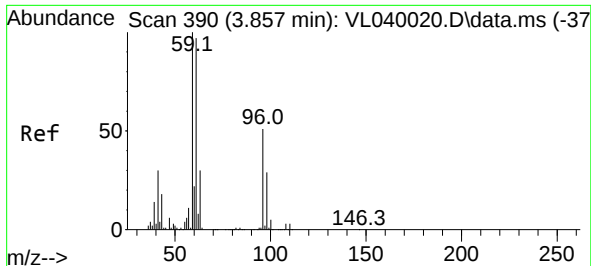
Tgt Ion: 43 Resp: 1154349
Ion Ratio Lower Upper
43 100
58 27.5 21.8 32.8



#16
1,3-Butadiene
Concen: 9.654 ppbv
RT: 2.960 min Scan# 111
Delta R.T. -0.003 min
Lab File: VL040063.D
Acq: 22 Dec 2022 11:48

Tgt Ion: 39 Resp: 577045
Ion Ratio Lower Upper
39 100
54 84.0 68.3 102.5





#17

tert-Butyl alcohol

Concen: 8.791 ppbv

RT: 3.851 min Scan# 31

Delta R.T. -0.006 min

Lab File: VL040063.D

Acq: 22 Dec 2022 11:48

Instrument :

MSVOA_L

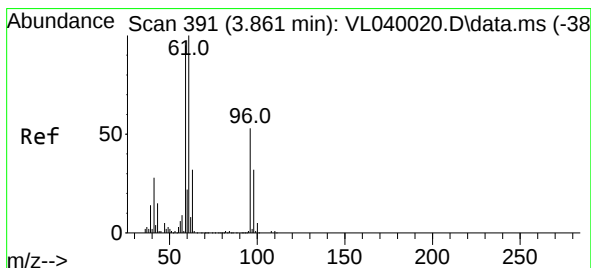
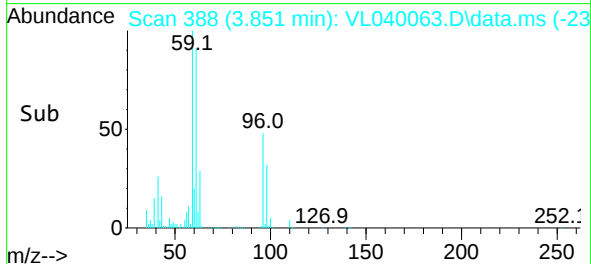
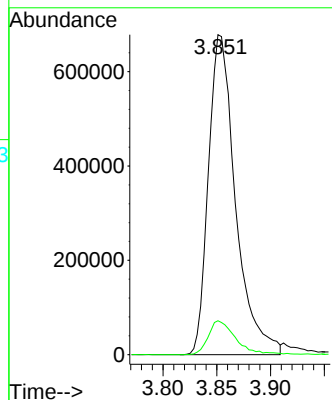
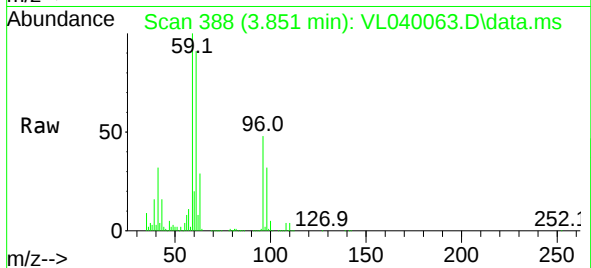
ClientSampleId :

Tgt Ion: 59 Resp: 1191808

Ion Ratio Lower Upper

59 100

57 10.9 8.4 12.6



#18

1,1-Dichloroethene

Concen: 9.405 ppbv

RT: 3.857 min Scan# 390

Delta R.T. -0.003 min

Lab File: VL040063.D

Acq: 22 Dec 2022 11:48

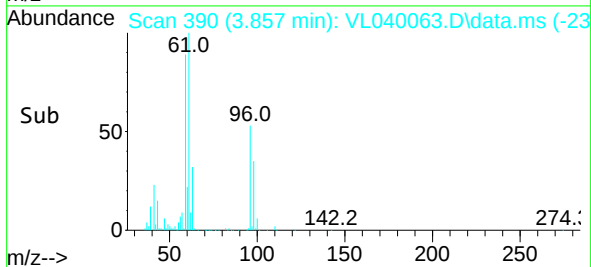
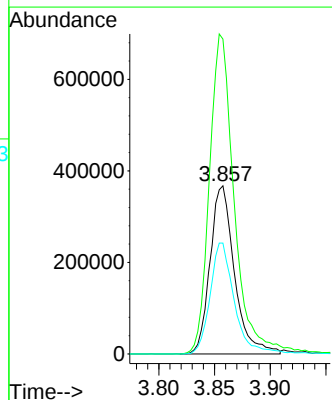
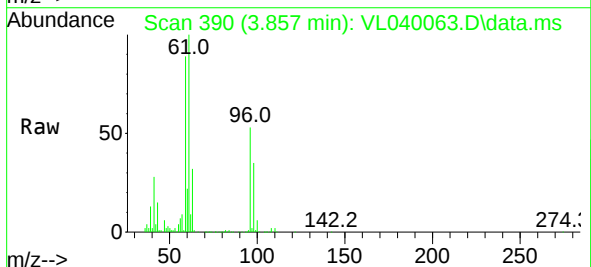
Tgt Ion: 96 Resp: 560530

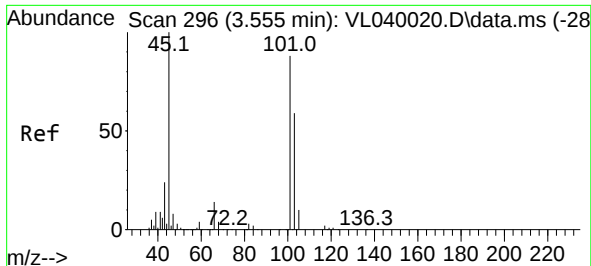
Ion Ratio Lower Upper

96 100

61 187.1 151.0 226.6

98 65.9 47.7 71.5





#19

Isopropyl Alcohol

Concen: 8.925 ppbv

RT: 3.549 min Scan# 296

Delta R.T. -0.006 min

Lab File: VL040063.D

Acq: 22 Dec 2022 11:48

Instrument :

MSVOA_L

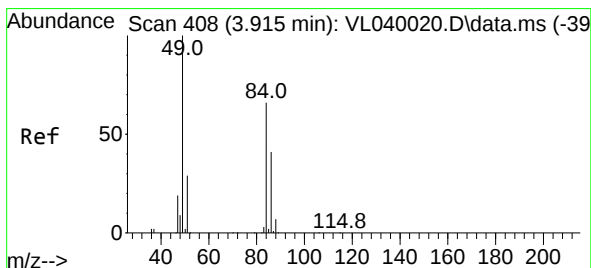
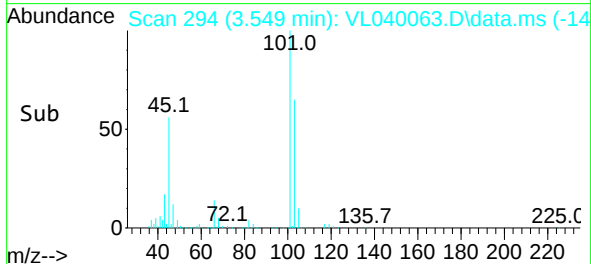
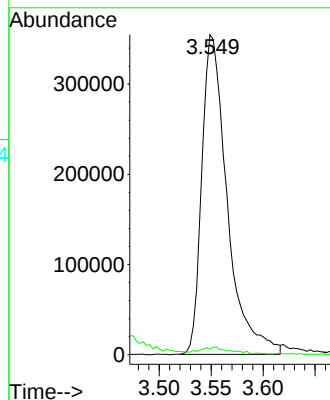
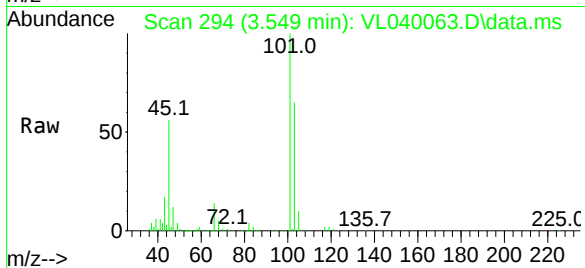
ClientSampleId :

Tgt Ion: 45 Resp: 604807

Ion Ratio Lower Upper

45 100

58 3.1 1.7 2.5#



#20

Methylene Chloride

Concen: 8.325 ppbv

RT: 3.909 min Scan# 406

Delta R.T. -0.006 min

Lab File: VL040063.D

Acq: 22 Dec 2022 11:48

Tgt Ion: 84 Resp: 486584

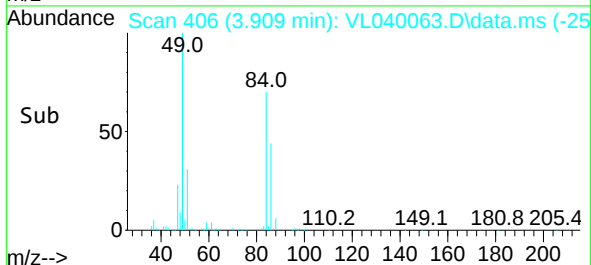
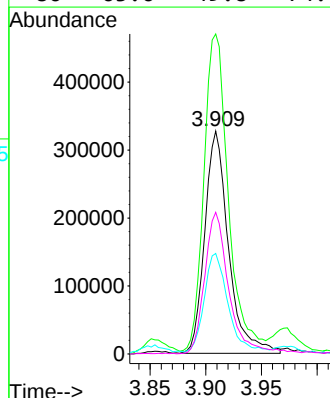
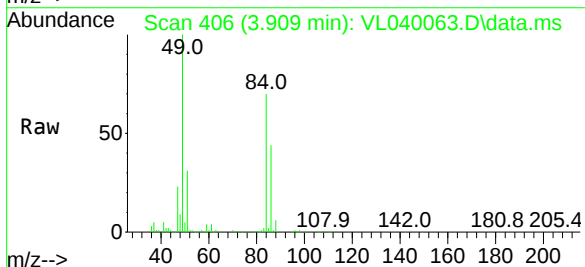
Ion Ratio Lower Upper

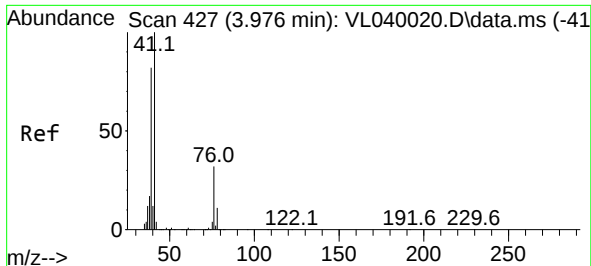
84 100

49 142.8 120.5 180.7

51 44.1 35.2 52.8

86 63.6 49.8 74.6





#21

Allyl Chloride

Concen: 9.577 ppbv

RT: 3.970 min Scan# 41

Delta R.T. -0.006 min

Lab File: VL040063.D

Acq: 22 Dec 2022 11:48

Instrument :

MSVOA_L

ClientSampleId :

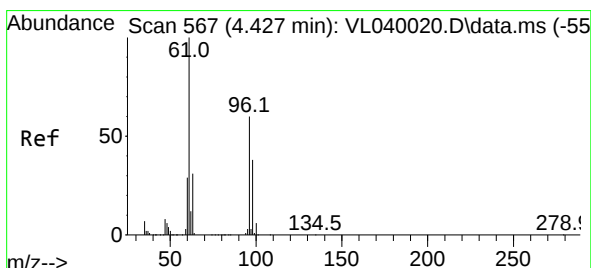
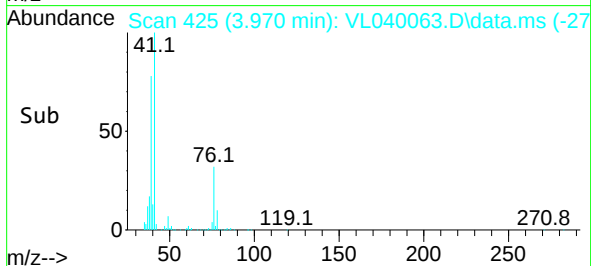
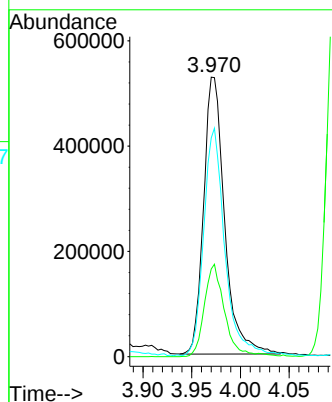
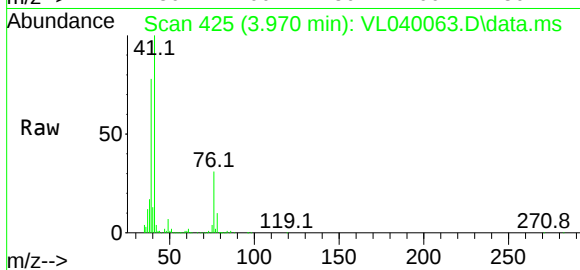
Tgt Ion: 41 Resp: 791373

Ion Ratio Lower Upper

41 100

76 32.5 25.9 38.9

39 83.4 66.0 99.0



#22

trans-1,2-Dichloroethene

Concen: 10.098 ppbv

RT: 4.423 min Scan# 566

Delta R.T. -0.003 min

Lab File: VL040063.D

Acq: 22 Dec 2022 11:48

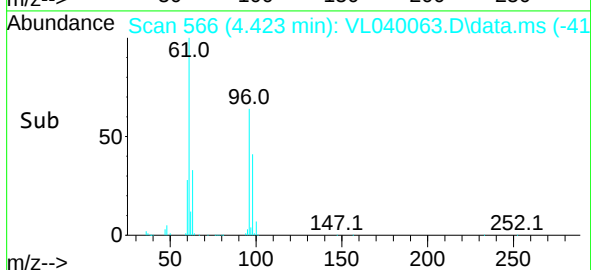
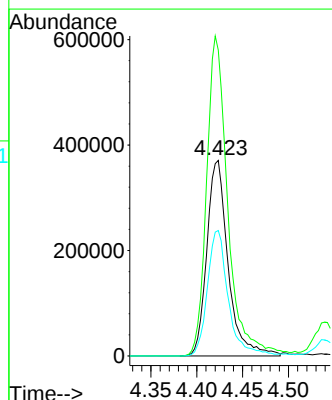
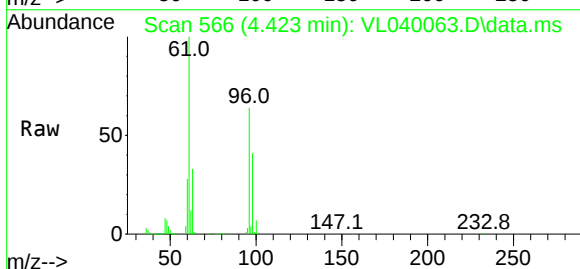
Tgt Ion: 96 Resp: 599854

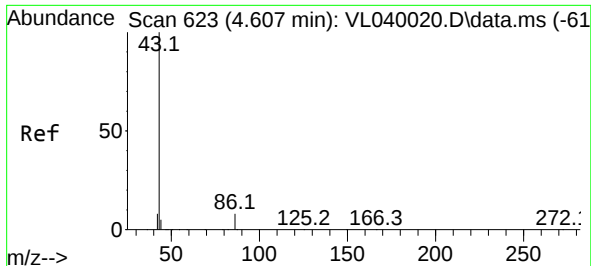
Ion Ratio Lower Upper

96 100

61 156.4 133.6 200.4

98 64.1 51.4 77.0



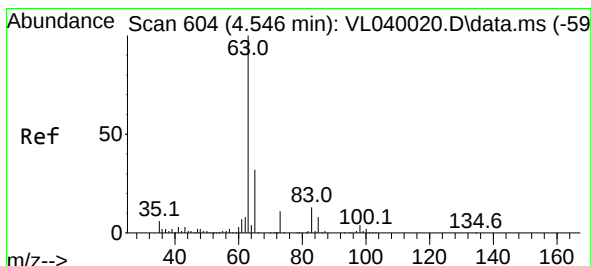
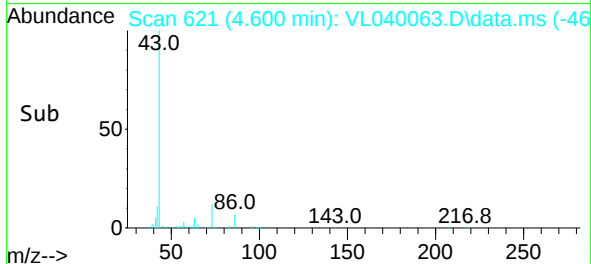
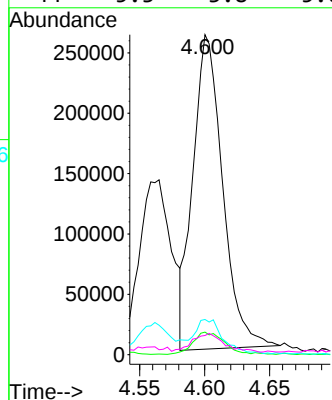
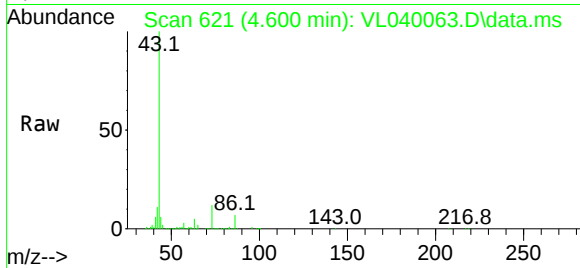


#23
 Vinyl Acetate
 Concen: 9.499 ppbv
 RT: 4.600 min Scan# 61
 Delta R.T. -0.006 min
 Lab File: VL040063.D
 Acq: 22 Dec 2022 11:48

Instrument :
 MSVOA_L
 ClientSampleId :

Tgt Ion: 43 Resp: 414118

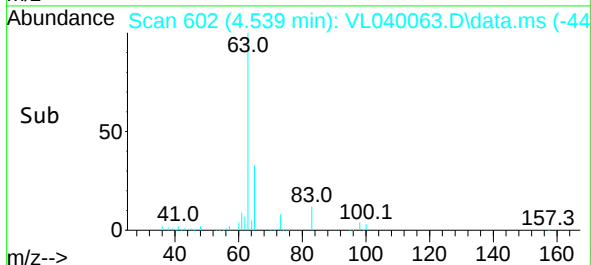
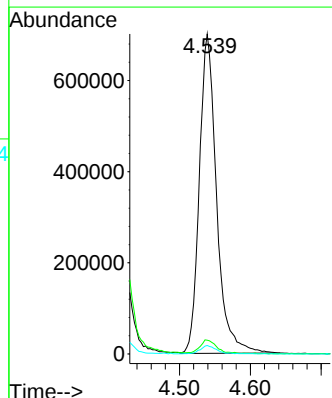
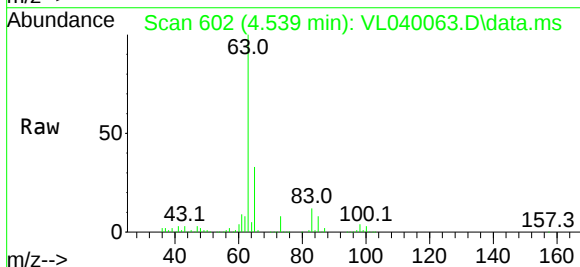
Ion	Ratio	Lower	Upper
43	100		
86	6.9	5.3	7.9
42	11.0	7.4	11.0
44	5.3	3.8	5.6

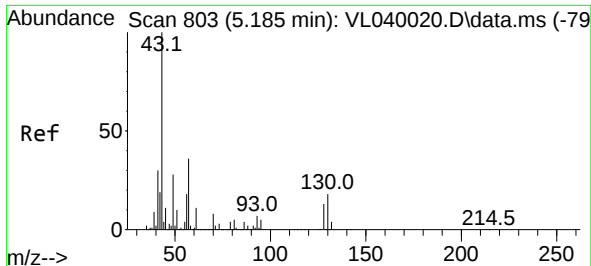


#24
 1,1-Dichloroethane
 Concen: 9.244 ppbv
 RT: 4.539 min Scan# 602
 Delta R.T. -0.006 min
 Lab File: VL040063.D
 Acq: 22 Dec 2022 11:48

Tgt Ion: 63 Resp: 1183372

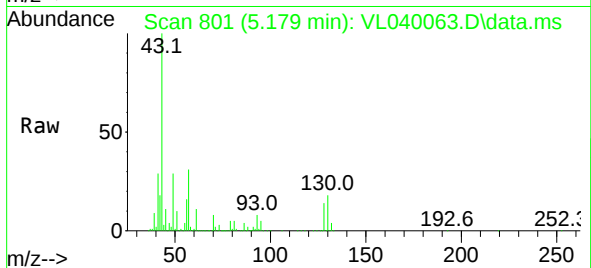
Ion	Ratio	Lower	Upper
63	100		
98	4.2	2.1	6.2
100	2.6	1.1	3.3





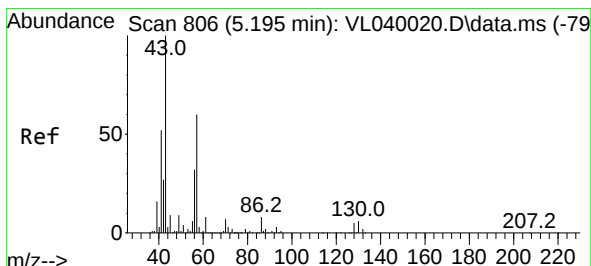
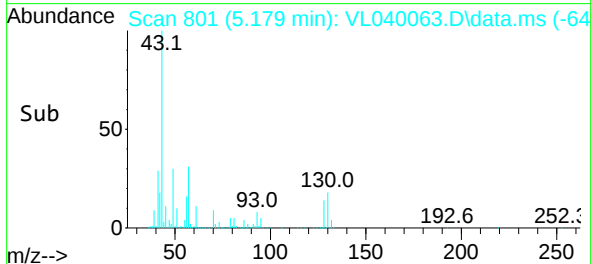
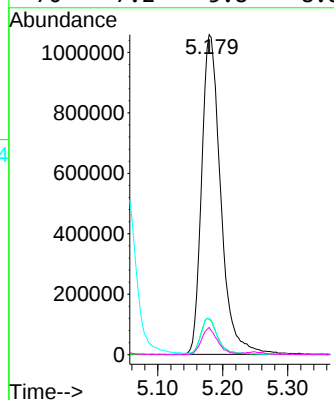
#25
Ethyl Acetate
Concen: 9.086 ppbv
RT: 5.179 min Scan# 801
Delta R.T. -0.006 min
Lab File: VL040063.D
Acq: 22 Dec 2022 11:48

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion: 43 Resp: 2163868

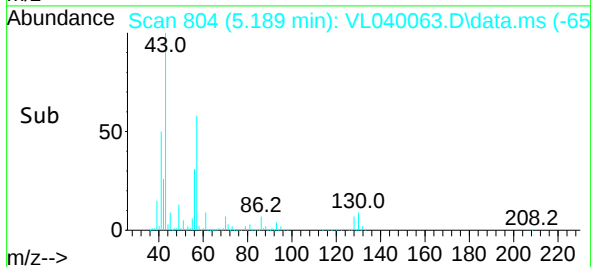
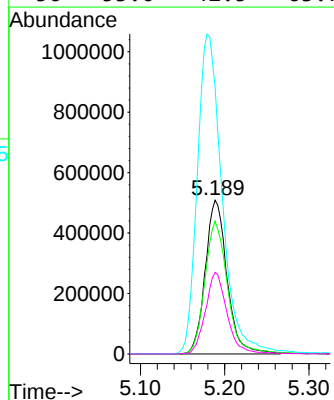
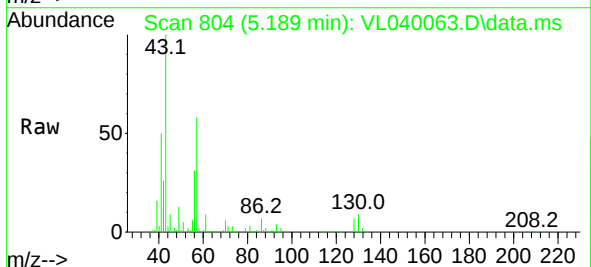
Ion	Ratio	Lower	Upper
43	100		
45	10.5	8.6	12.8
61	10.2	8.5	12.7
70	7.2	5.8	8.8

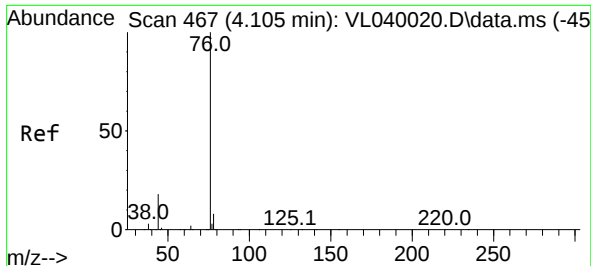


#26
Hexane
Concen: 9.153 ppbv
RT: 5.189 min Scan# 804
Delta R.T. -0.006 min
Lab File: VL040063.D
Acq: 22 Dec 2022 11:48

Tgt Ion: 57 Resp: 916153

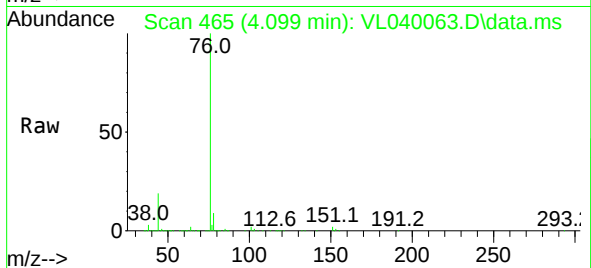
Ion	Ratio	Lower	Upper
57	100		
41	90.6	72.1	108.1
43	237.4	192.1	288.1
56	53.0	42.5	63.7





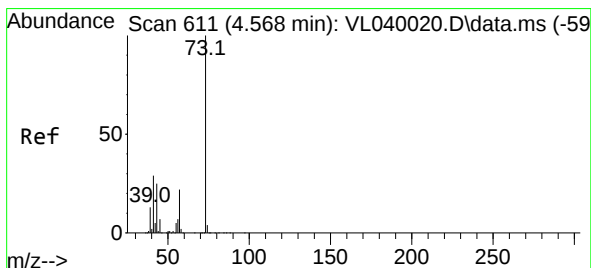
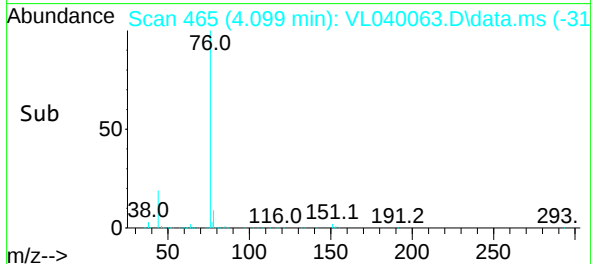
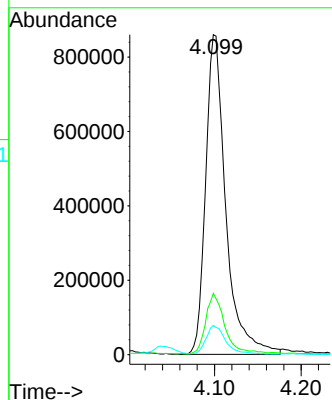
#27
Carbon Disulfide
Concen: 11.013 ppbv
RT: 4.099 min Scan# 41
Delta R.T. -0.006 min
Lab File: VL040063.D
Acq: 22 Dec 2022 11:48

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion: 76 Resp: 1390367

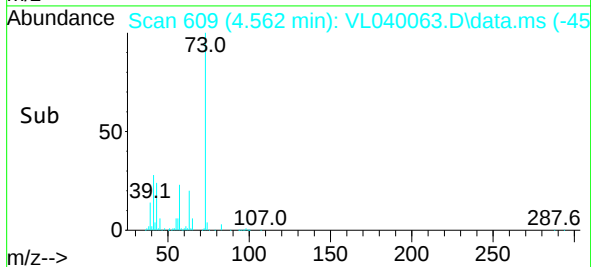
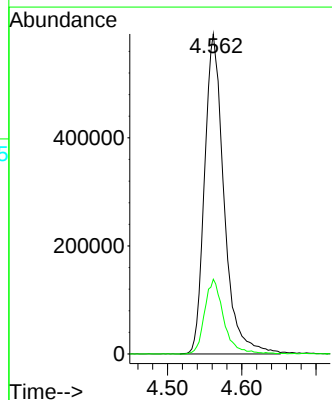
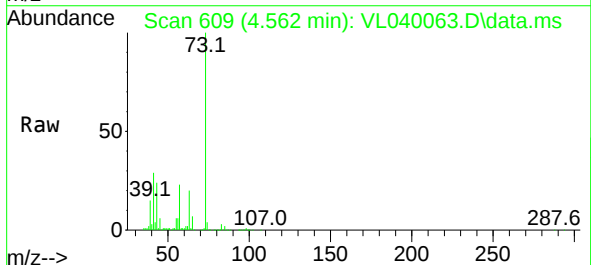
Ion	Ratio	Lower	Upper
76	100		
44	18.2	15.3	22.9
78	9.2	7.8	11.6

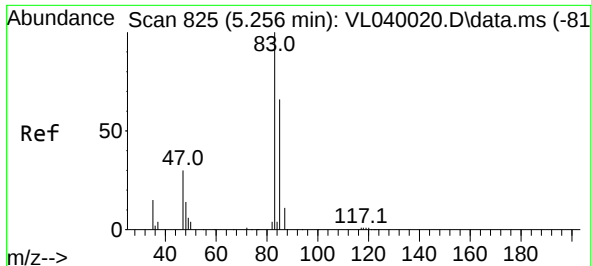


#28
Methyl tert-Butyl Ether
Concen: 9.128 ppbv
RT: 4.562 min Scan# 609
Delta R.T. -0.006 min
Lab File: VL040063.D
Acq: 22 Dec 2022 11:48

Tgt Ion: 73 Resp: 1076721

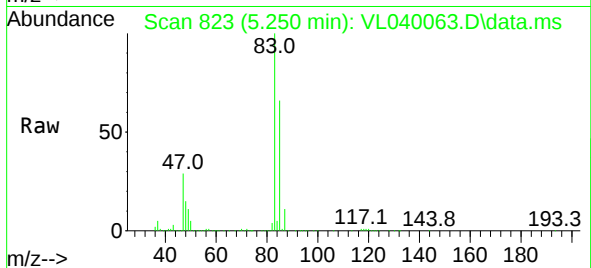
Ion	Ratio	Lower	Upper
73	100		
57	23.0	18.6	28.0



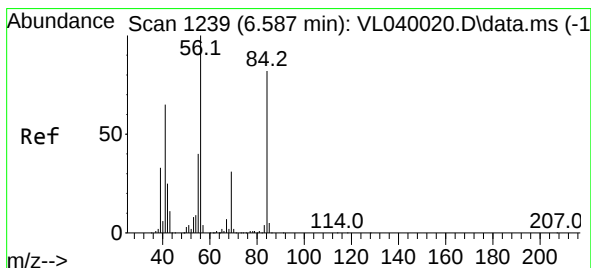
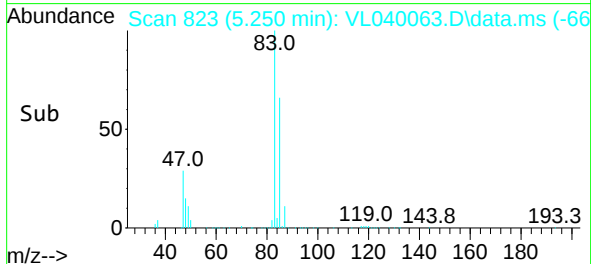
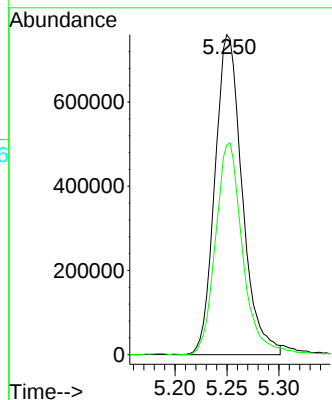


#29
Chloroform
Concen: 9.083 ppbv
RT: 5.250 min Scan# 81
Delta R.T. -0.006 min
Lab File: VL040063.D
Acq: 22 Dec 2022 11:48

Instrument :
MSVOA_L
ClientSampleId :

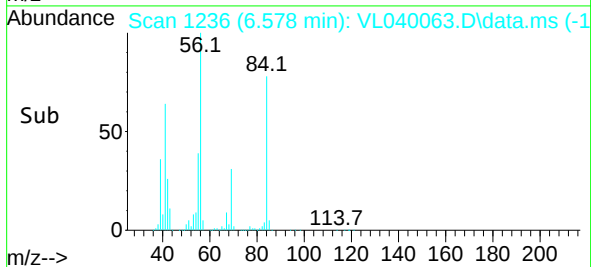
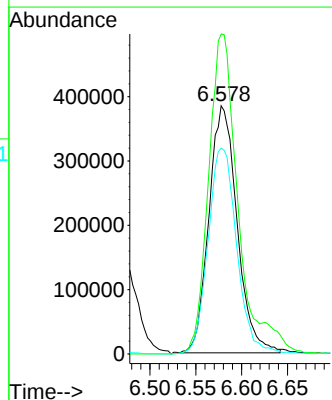
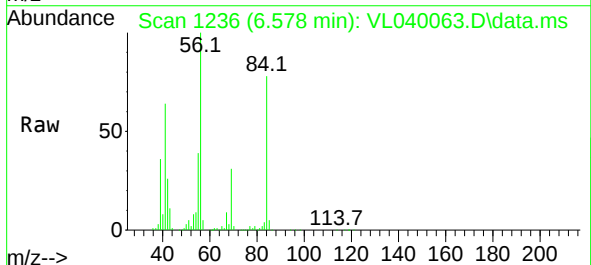


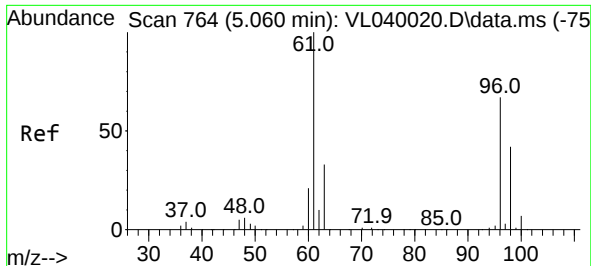
Tgt Ion: 83 Resp: 1387263
Ion Ratio Lower Upper
83 100
85 65.5 52.4 78.6



#30
Cyclohexane
Concen: 9.261 ppbv
RT: 6.578 min Scan# 1236
Delta R.T. -0.010 min
Lab File: VL040063.D
Acq: 22 Dec 2022 11:48

Tgt Ion: 84 Resp: 820945
Ion Ratio Lower Upper
84 100
56 136.9 110.2 165.4
41 85.2 67.8 101.8

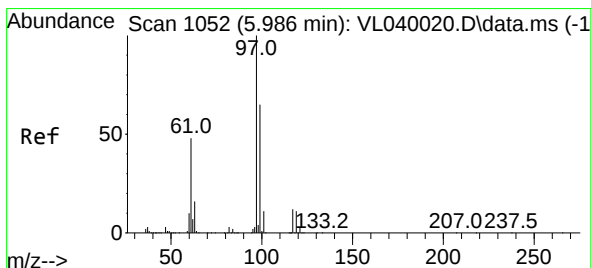
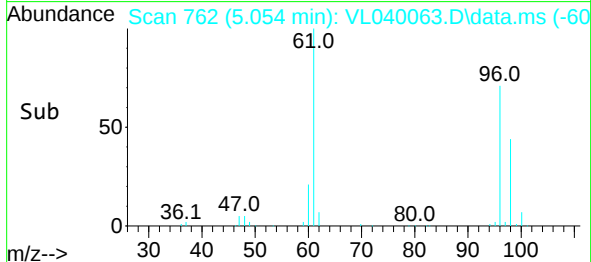
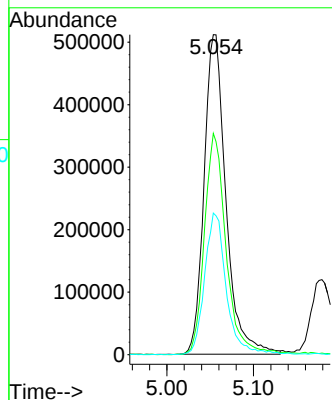
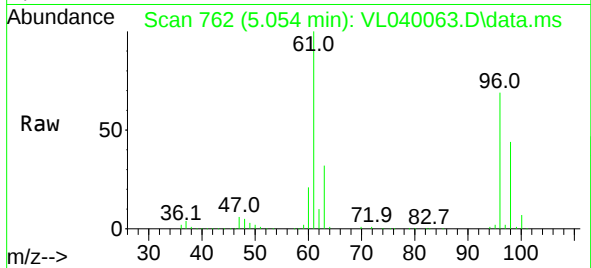




#31
 cis-1,2-Dichloroethene
 Concen: 9.408 ppbv
 RT: 5.054 min Scan# 762
 Delta R.T. -0.006 min
 Lab File: VL040063.D
 Acq: 22 Dec 2022 11:48

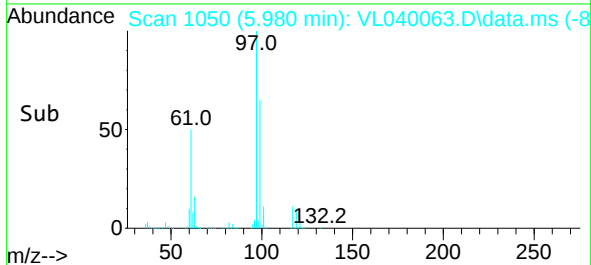
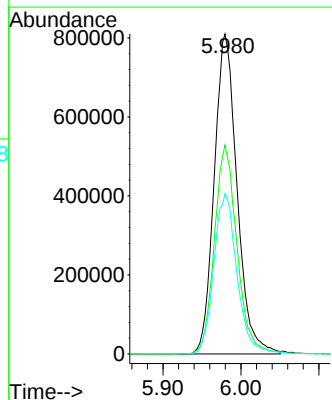
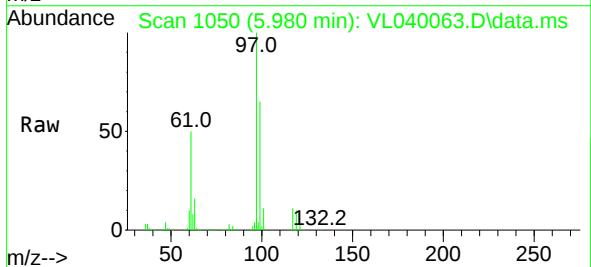
Instrument :
 MSVOA_L
 ClientSampleId :

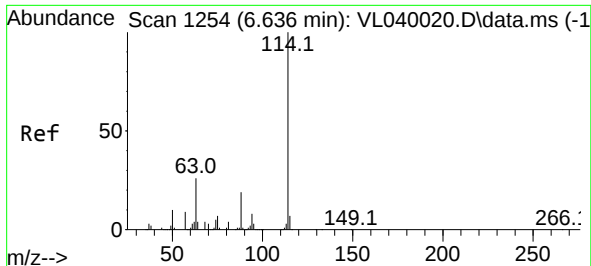
Tgt Ion: 61 Resp: 896777
 Ion Ratio Lower Upper
 61 100
 96 69.1 53.4 80.2
 98 44.2 33.4 50.0



#32
 1,1,1-Trichloroethane
 Concen: 10.075 ppbv
 RT: 5.980 min Scan# 1050
 Delta R.T. -0.006 min
 Lab File: VL040063.D
 Acq: 22 Dec 2022 11:48

Tgt Ion: 97 Resp: 1647469
 Ion Ratio Lower Upper
 97 100
 99 64.7 51.8 77.6
 61 50.9 39.8 59.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.632 min Scan# 11

Delta R.T. -0.003 min

Lab File: VL040063.D

Acq: 22 Dec 2022 11:48

Instrument :

MSVOA_L

ClientSampleId :

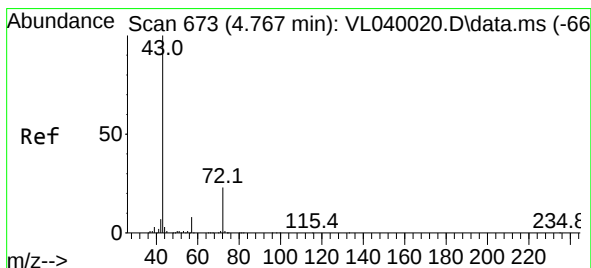
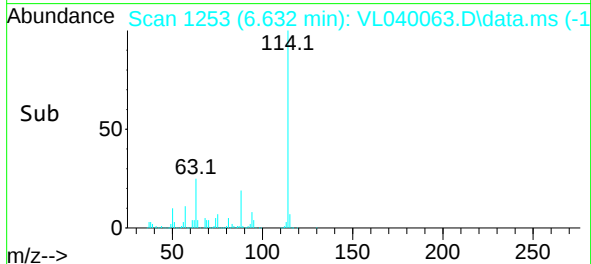
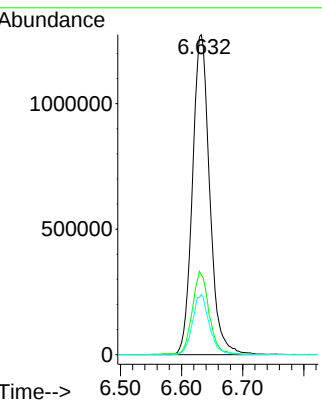
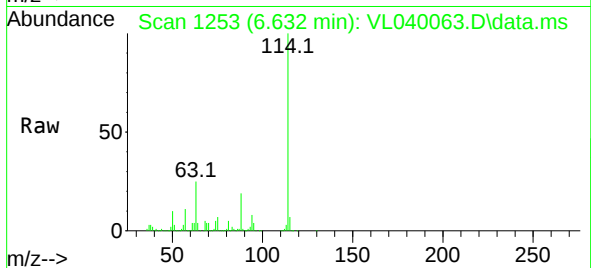
Tgt Ion:114 Resp: 2496599

Ion Ratio Lower Upper

114 100

63 25.6 20.2 30.2

88 18.4 14.6 21.8



#34

2-Butanone

Concen: 9.473 ppbv

RT: 4.761 min Scan# 671

Delta R.T. -0.006 min

Lab File: VL040063.D

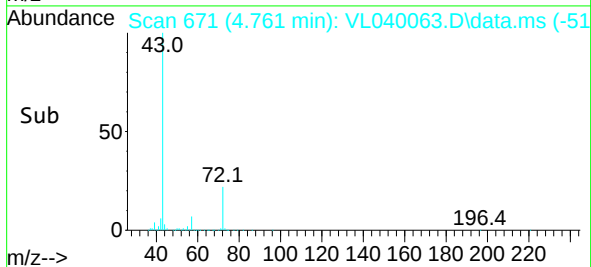
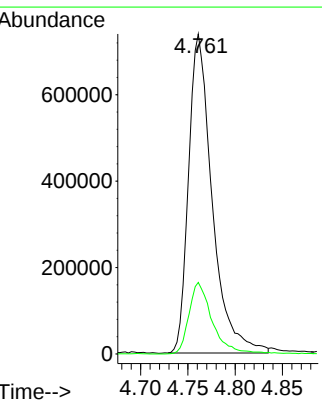
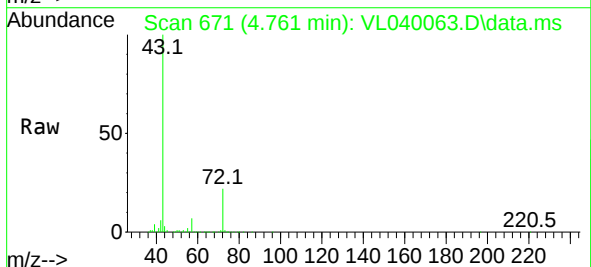
Acq: 22 Dec 2022 11:48

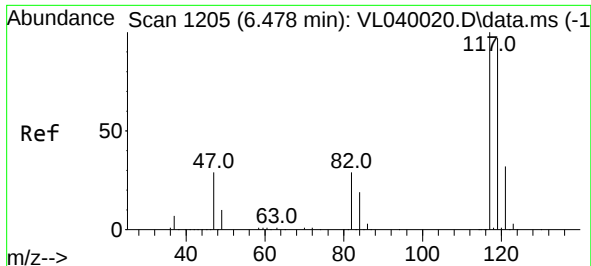
Tgt Ion: 43 Resp: 1283051

Ion Ratio Lower Upper

43 100

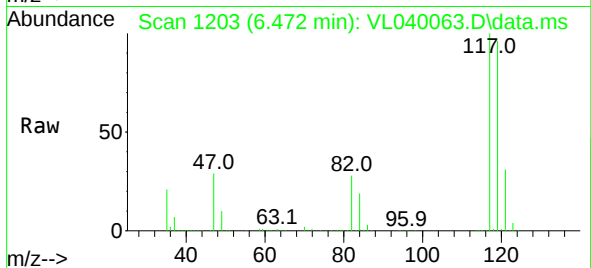
72 22.5 18.0 27.0



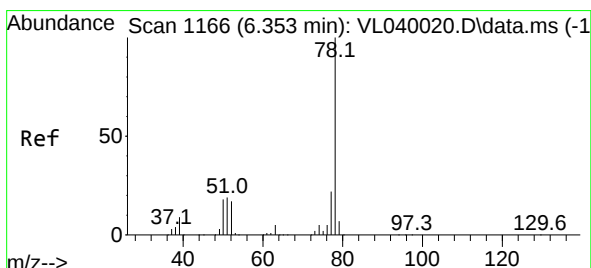
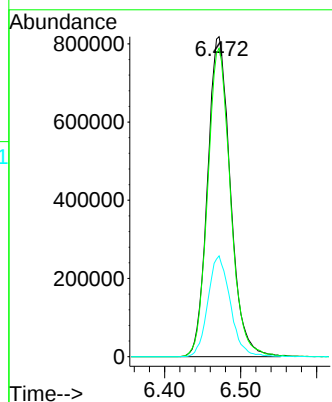
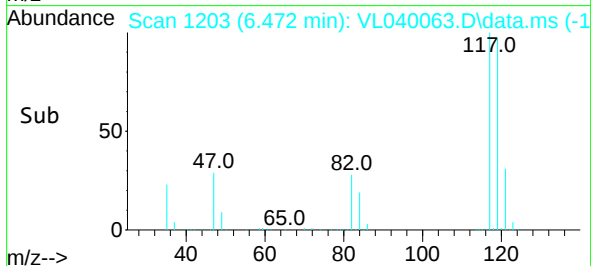


#35
Carbon Tetrachloride
Concen: 11.028 ppbv
RT: 6.472 min Scan# 1164
Delta R.T. -0.006 min
Lab File: VL040063.D
Acq: 22 Dec 2022 11:48

Instrument :
MSVOA_L
ClientSampleId :

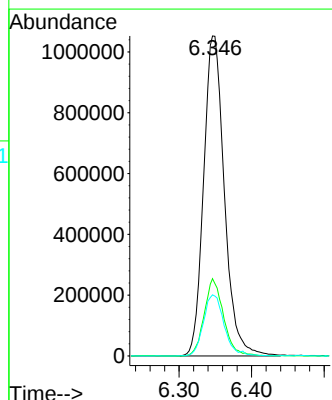
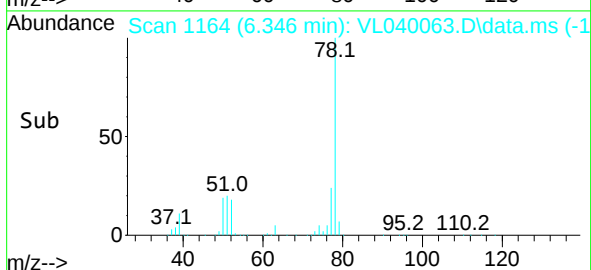
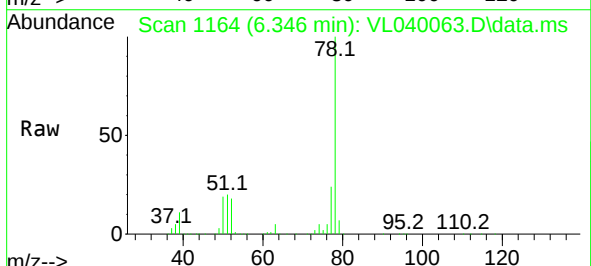


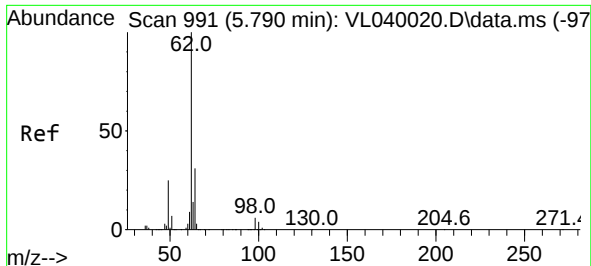
Tgt Ion:117 Resp: 1710064
Ion Ratio Lower Upper
117 100
119 96.3 77.3 115.9
121 31.5 25.4 38.0



#36
Benzene
Concen: 9.394 ppbv
RT: 6.346 min Scan# 1164
Delta R.T. -0.006 min
Lab File: VL040063.D
Acq: 22 Dec 2022 11:48

Tgt Ion: 78 Resp: 2094581
Ion Ratio Lower Upper
78 100
77 24.1 17.5 26.3
50 19.1 14.2 21.2





#37

1,2-Dichloroethane

Concen: 9.785 ppbv

RT: 5.783 min Scan# 91

Delta R.T. -0.006 min

Lab File: VL040063.D

Acq: 22 Dec 2022 11:48

Instrument :

MSVOA_L

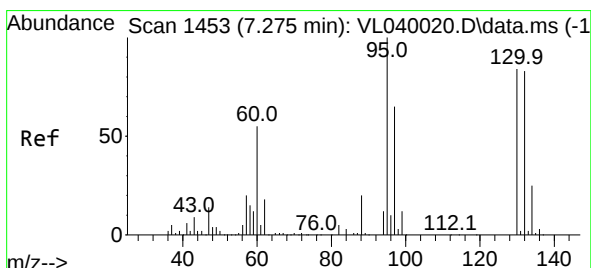
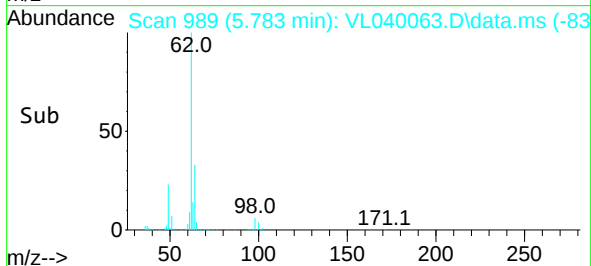
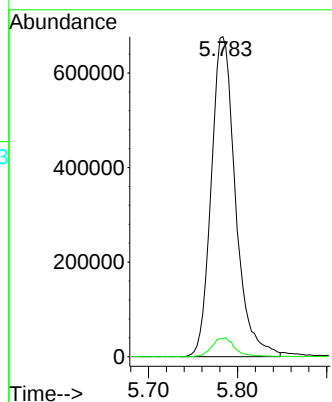
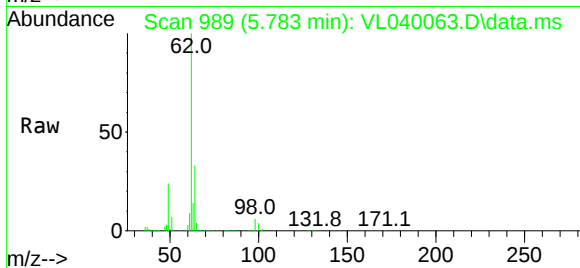
ClientSampleId :

Tgt Ion: 62 Resp: 1279840

Ion Ratio Lower Upper

62 100

98 5.7 5.1 7.7



#38

Trichloroethene

Concen: 10.729 ppbv

RT: 7.272 min Scan# 1452

Delta R.T. -0.003 min

Lab File: VL040063.D

Acq: 22 Dec 2022 11:48

Tgt Ion:130 Resp: 1229353

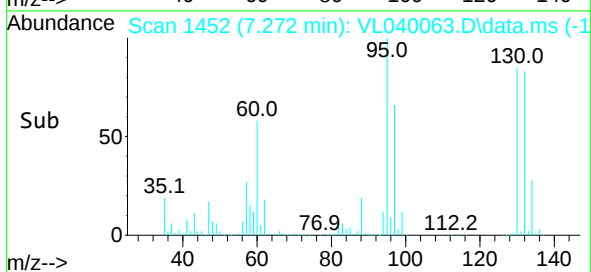
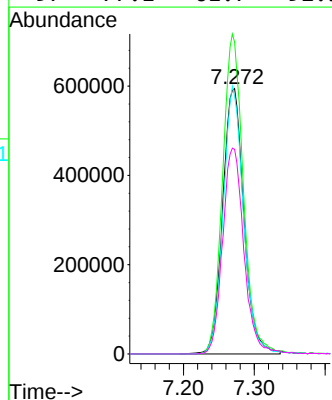
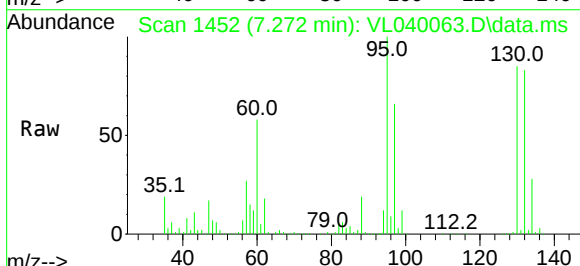
Ion Ratio Lower Upper

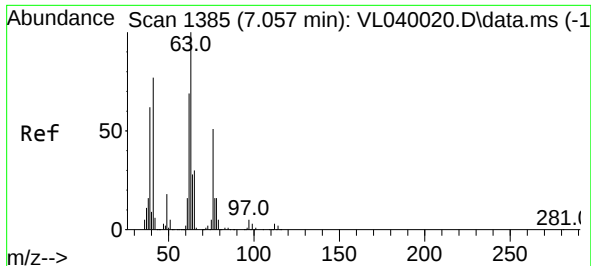
130 100

95 117.5 94.8 142.2

132 97.1 78.2 117.4

97 77.1 61.7 92.5





#39

1,2-Dichloropropane

Concen: 9.371 ppbv

RT: 7.050 min Scan# 11

Delta R.T. -0.006 min

Lab File: VL040063.D

Acq: 22 Dec 2022 11:48

Instrument :

MSVOA_L

ClientSampleId :

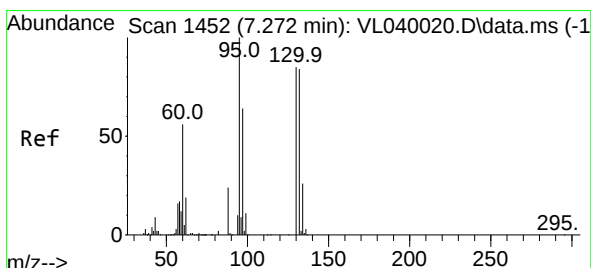
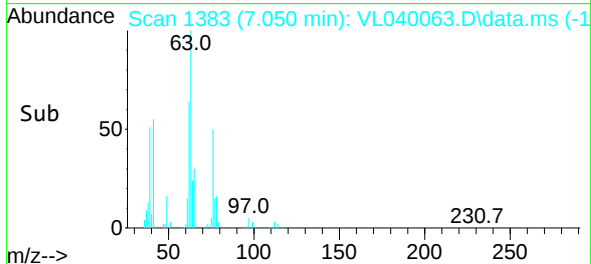
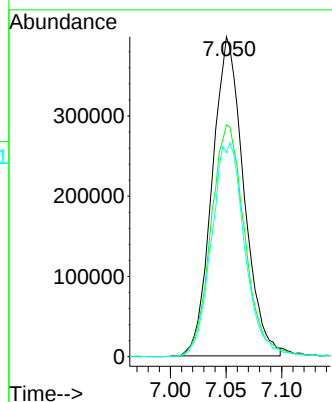
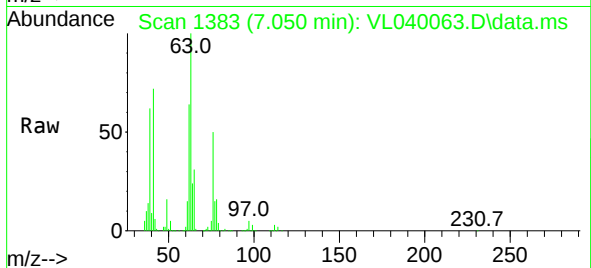
Tgt Ion: 63 Resp: 783201

Ion Ratio Lower Upper

63 100

41 72.3 61.4 92.0

62 63.6 55.4 83.2



#40

1,4-Dioxane

Concen: 9.091 ppbv

RT: 7.266 min Scan# 1450

Delta R.T. -0.006 min

Lab File: VL040063.D

Acq: 22 Dec 2022 11:48

Tgt Ion: 88 Resp: 342440

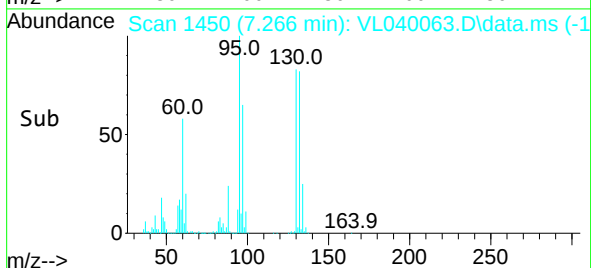
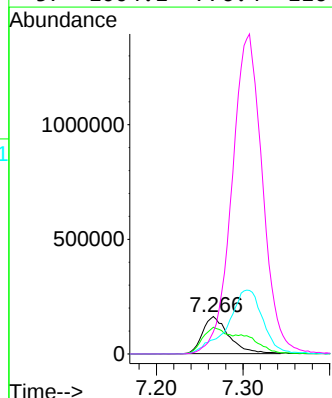
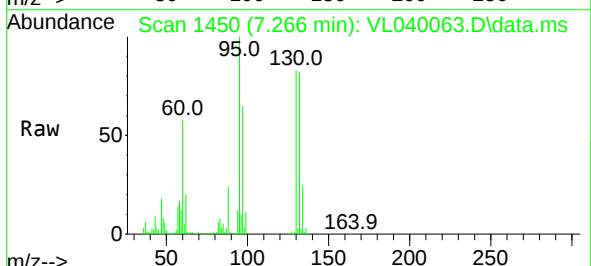
Ion Ratio Lower Upper

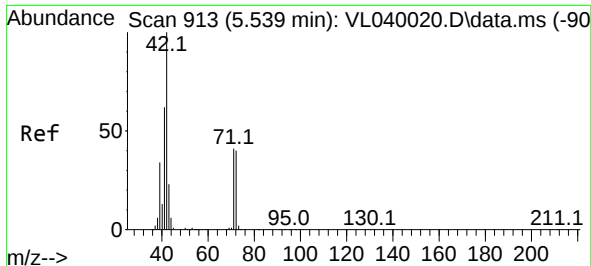
88 100

58 118.1 92.7 139.1

43 231.9 174.6 261.8

57 1004.1 776.4 1164.6





#41

Tetrahydrofuran

Concen: 9.352 ppbv

RT: 5.533 min Scan# 913

Delta R.T. -0.006 min

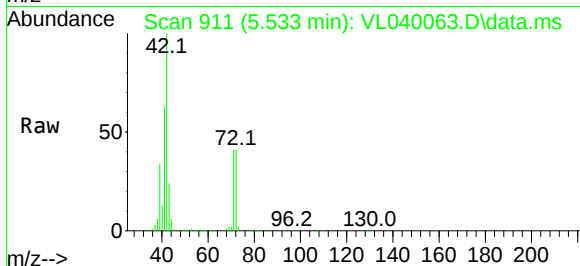
Lab File: VL040063.D

Acq: 22 Dec 2022 11:48

Instrument :

MSVOA_L

ClientSampleId :



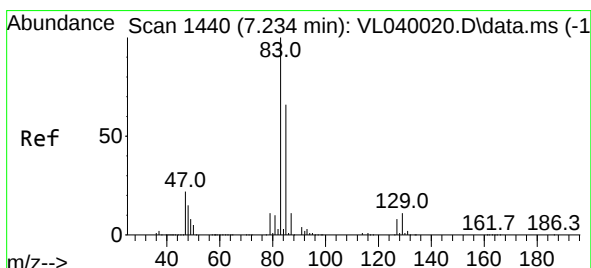
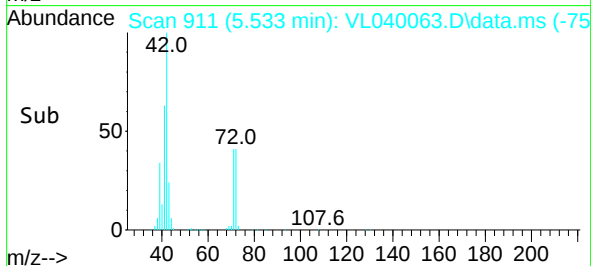
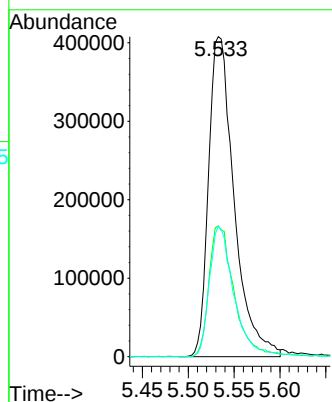
Tgt Ion: 42 Resp: 790573

Ion Ratio Lower Upper

42 100

72 40.9 32.9 49.3

71 39.7 32.2 48.2



#42

Bromodichloromethane

Concen: 10.164 ppbv

RT: 7.227 min Scan# 1438

Delta R.T. -0.006 min

Lab File: VL040063.D

Acq: 22 Dec 2022 11:48

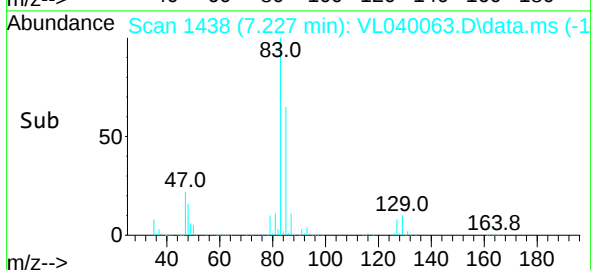
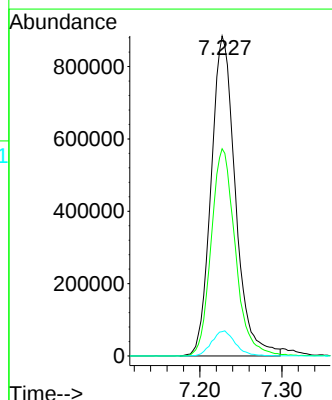
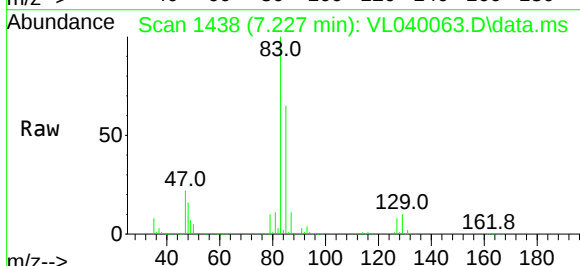
Tgt Ion: 83 Resp: 1821236

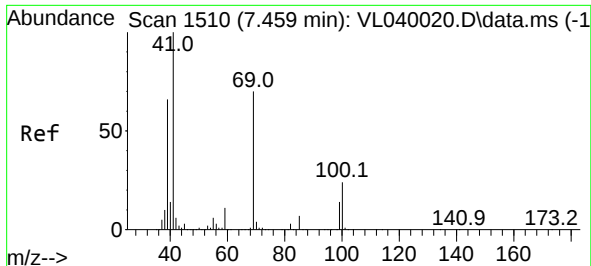
Ion Ratio Lower Upper

83 100

85 64.7 53.0 79.6

127 7.6 6.2 9.2

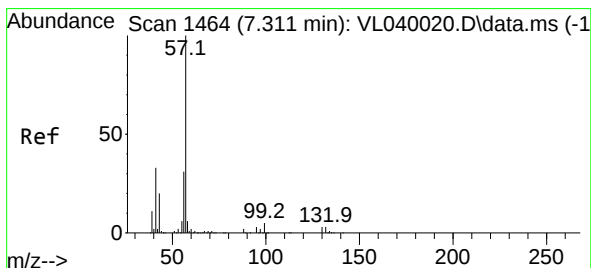
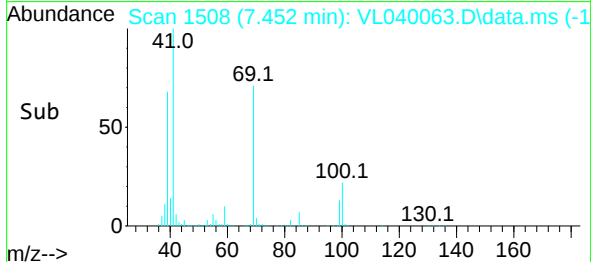
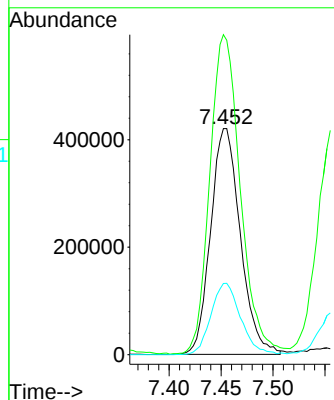
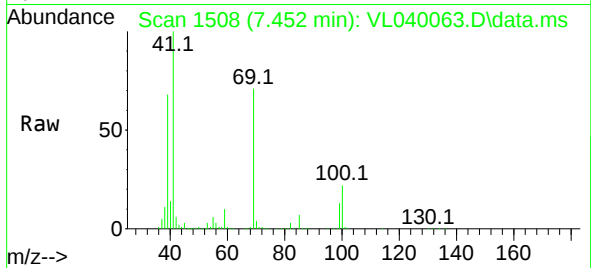




#43
Methyl Methacrylate
Concen: 9.975 ppbv
RT: 7.452 min Scan# 11
Delta R.T. -0.006 min
Lab File: VL040063.D
Acq: 22 Dec 2022 11:48

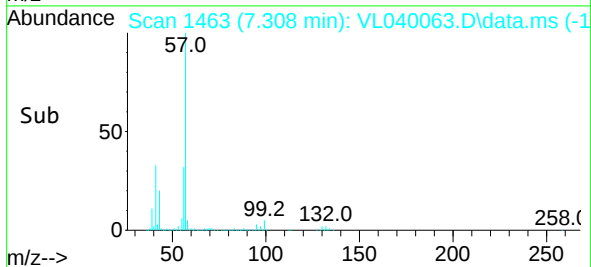
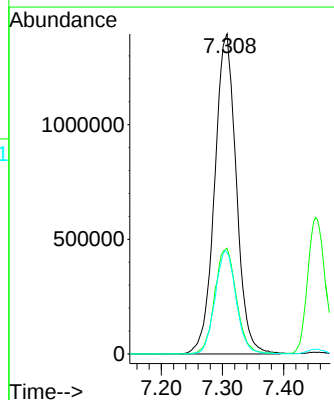
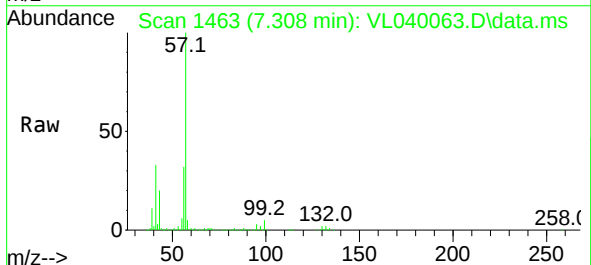
Instrument :
MSVOA_L
ClientSampleId :

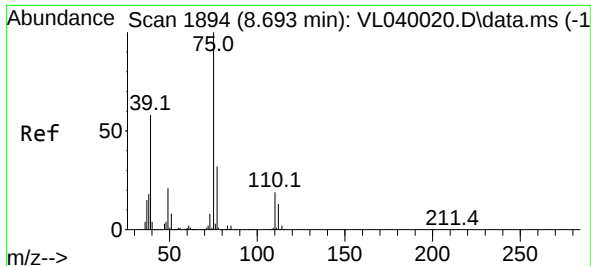
Tgt Ion: 69 Resp: 834736
Ion Ratio Lower Upper
69 100
41 146.1 115.7 173.5
100 31.7 26.0 39.0



#44
2,2,4-Trimethylpentane
Concen: 9.355 ppbv
RT: 7.308 min Scan# 1463
Delta R.T. -0.003 min
Lab File: VL040063.D
Acq: 22 Dec 2022 11:48

Tgt Ion: 57 Resp: 3434111
Ion Ratio Lower Upper
57 100
41 33.1 26.2 39.4
56 31.4 25.1 37.7

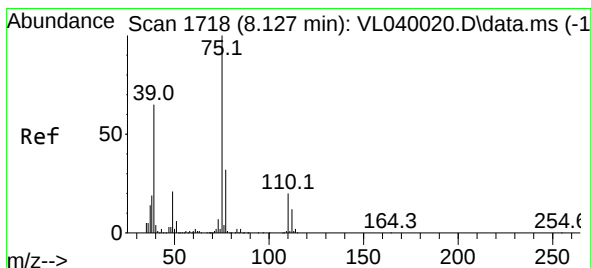
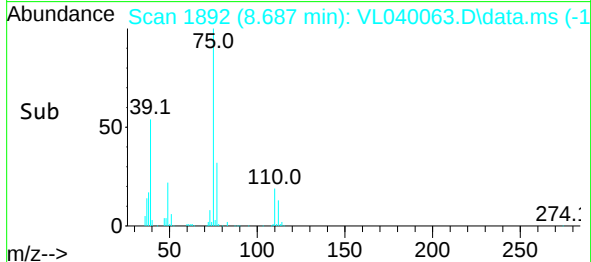
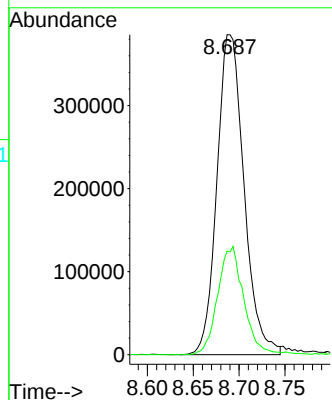
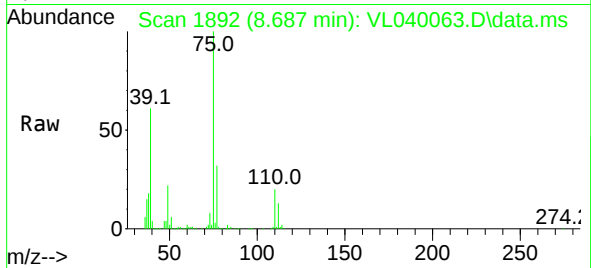




#45
t-1,3-Dichloropropene
Concen: 11.198 ppbv
RT: 8.687 min Scan# 11
Delta R.T. -0.006 min
Lab File: VL040063.D
Acq: 22 Dec 2022 11:48

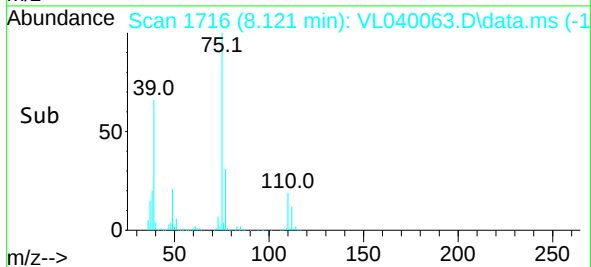
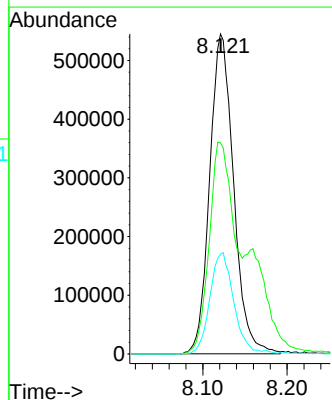
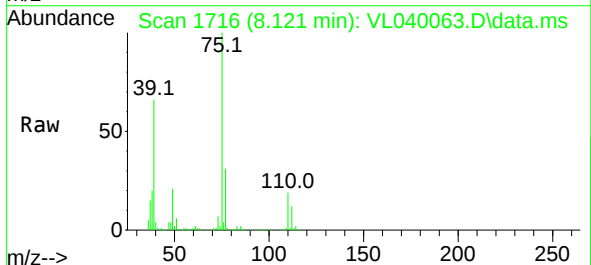
Instrument :
MSVOA_L
ClientSampleId :

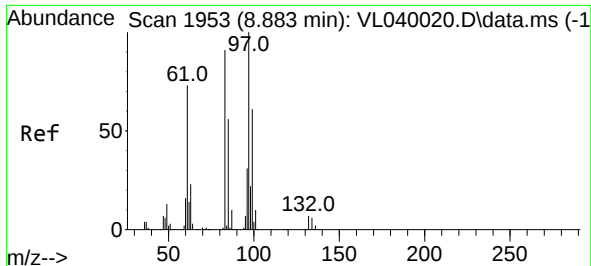
Tgt Ion: 75 Resp: 791981
Ion Ratio Lower Upper
75 100
77 32.4 25.4 38.2



#46
cis-1,3-Dichloropropene
Concen: 10.775 ppbv
RT: 8.121 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VL040063.D
Acq: 22 Dec 2022 11:48

Tgt Ion: 75 Resp: 1074799
Ion Ratio Lower Upper
75 100
39 65.9 51.7 77.5
77 31.2 25.2 37.8





#47

1,1,2-Trichloroethane

Concen: 9.332 ppbv

RT: 8.877 min Scan# 1953

Delta R.T. -0.006 min

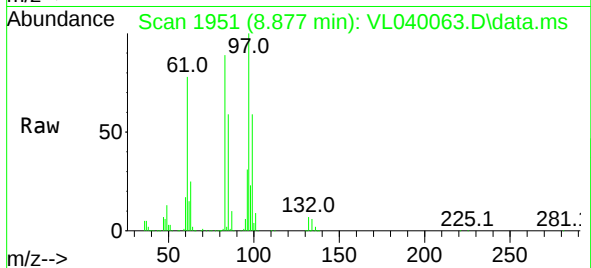
Lab File: VL040063.D

Acq: 22 Dec 2022 11:48

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion: 97 Resp: 854145

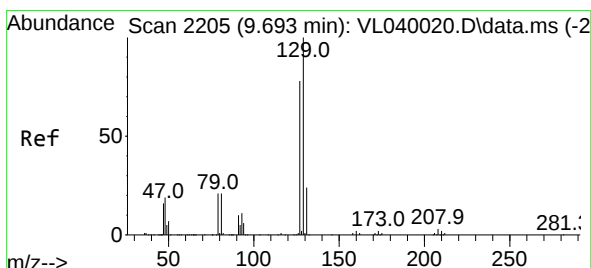
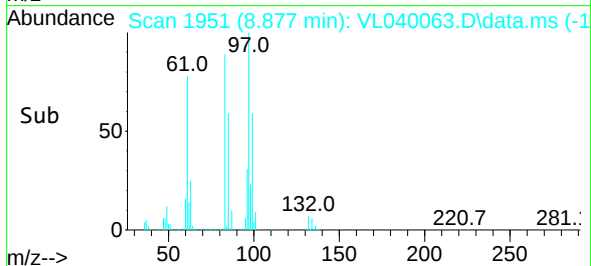
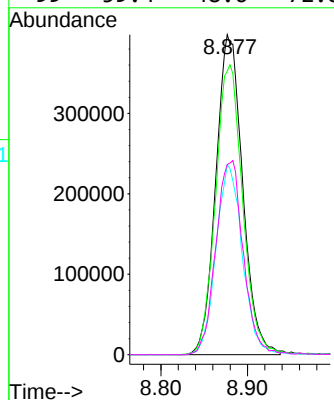
Ion Ratio Lower Upper

97 100

83 88.7 72.5 108.7

85 59.4 45.0 67.6

99 59.4 48.6 72.8



#48

Dibromochloromethane

Concen: 10.292 ppbv

RT: 9.693 min Scan# 2205

Delta R.T. 0.000 min

Lab File: VL040063.D

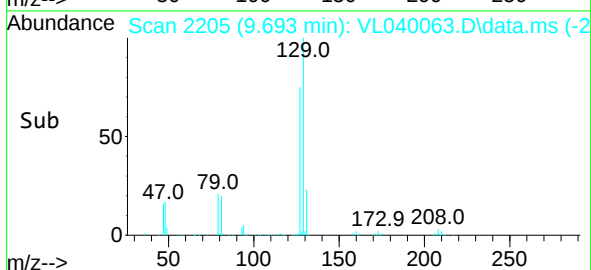
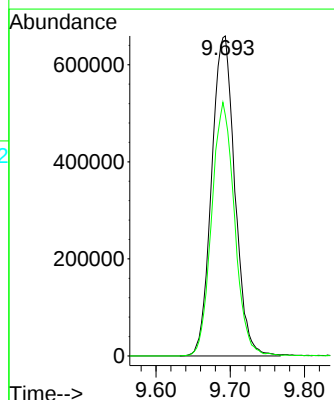
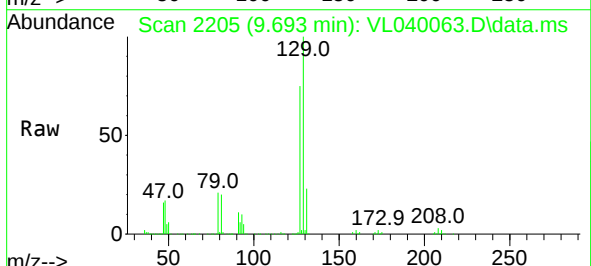
Acq: 22 Dec 2022 11:48

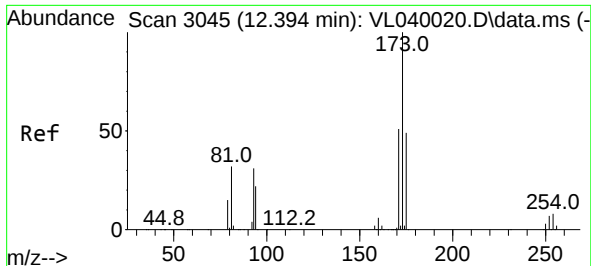
Tgt Ion: 129 Resp: 1432594

Ion Ratio Lower Upper

129 100

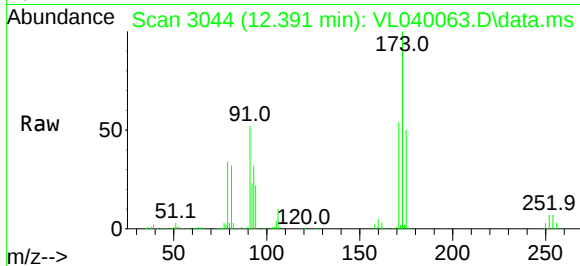
127 78.3 39.4 118.1



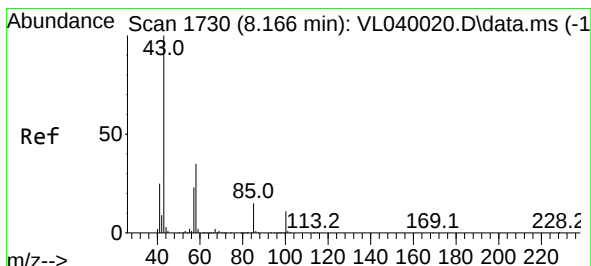
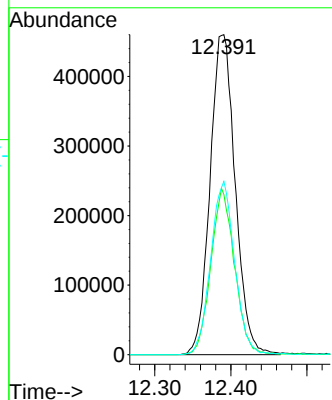
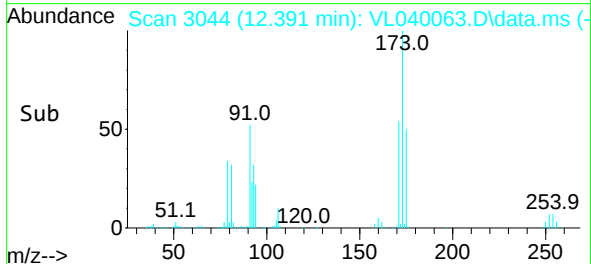


#49
Bromoform
Concen: 9.958 ppbv
RT: 12.391 min Scan# 3045
Delta R.T. -0.003 min
Lab File: VL040063.D
Acq: 22 Dec 2022 11:48

Instrument :
MSVOA_L
ClientSampleId :

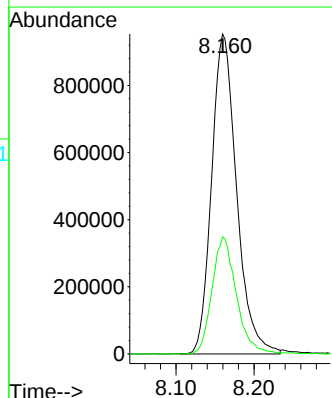
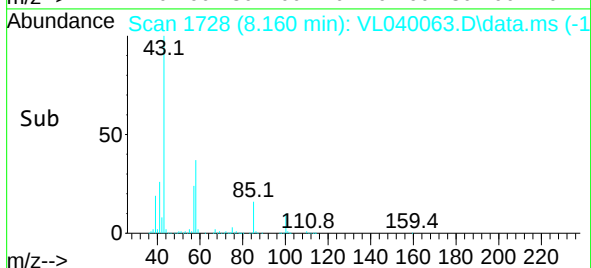
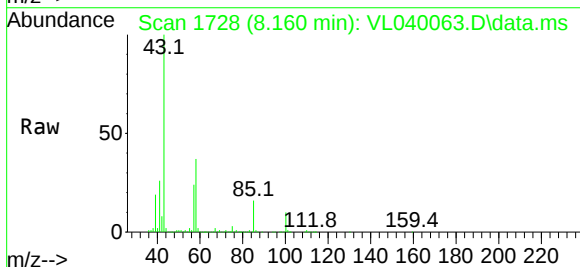


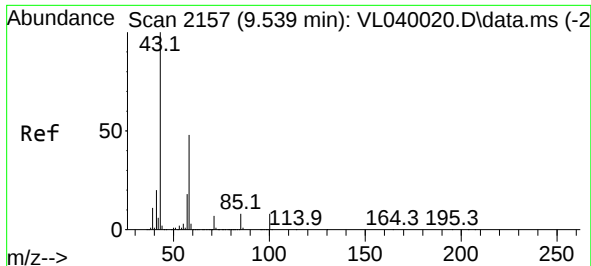
Tgt Ion:173 Resp: 1057353
Ion Ratio Lower Upper
173 100
175 49.2 39.0 58.4
171 52.1 42.0 63.0



#50
4-Methyl-2-Pentanone
Concen: 9.581 ppbv
RT: 8.160 min Scan# 1728
Delta R.T. -0.006 min
Lab File: VL040063.D
Acq: 22 Dec 2022 11:48

Tgt Ion: 43 Resp: 2119876
Ion Ratio Lower Upper
43 100
58 35.7 29.0 43.4

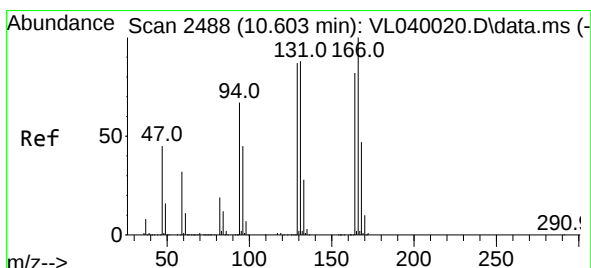
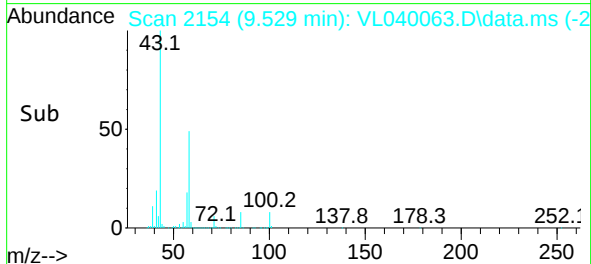
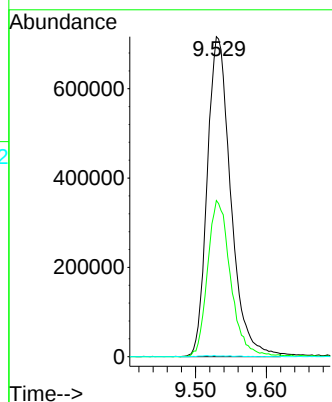
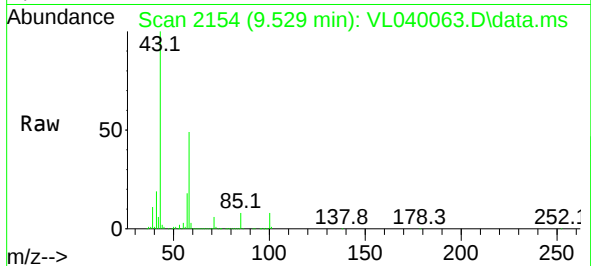




#51
2-Hexanone
Concen: 9.582 ppbv
RT: 9.529 min Scan# 2157
Delta R.T. -0.010 min
Lab File: VL040063.D
Acq: 22 Dec 2022 11:48

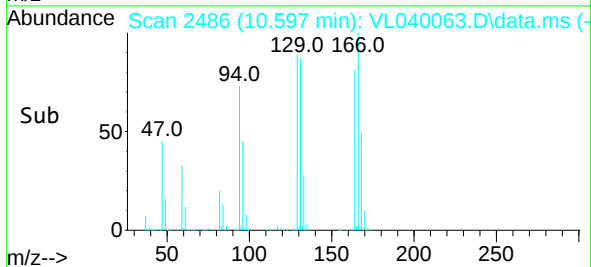
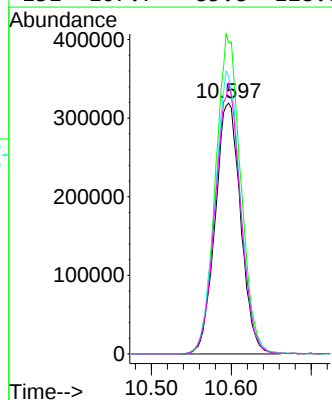
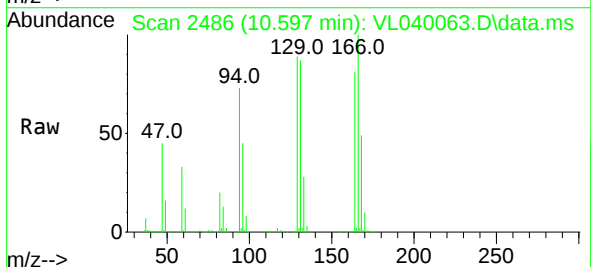
Instrument :
MSVOA_L
ClientSampleId :

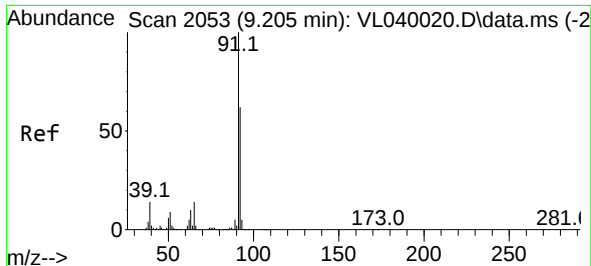
Tgt Ion: 43 Resp: 1649155
Ion Ratio Lower Upper
43 100
58 48.3 39.4 59.2
98 0.4 0.2 0.4#



#52
Tetrachloroethene
Concen: 9.295 ppbv
RT: 10.597 min Scan# 2486
Delta R.T. -0.006 min
Lab File: VL040063.D
Acq: 22 Dec 2022 11:48

Tgt Ion: 164 Resp: 704629
Ion Ratio Lower Upper
164 100
166 124.1 97.4 146.0
129 110.4 84.3 126.5
131 107.7 85.8 128.8

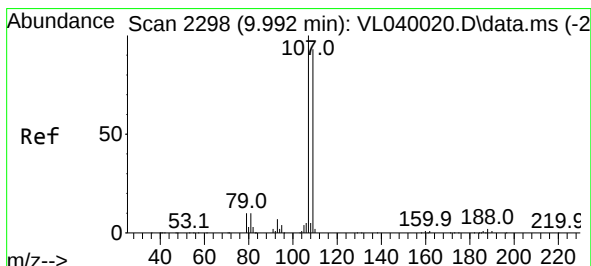
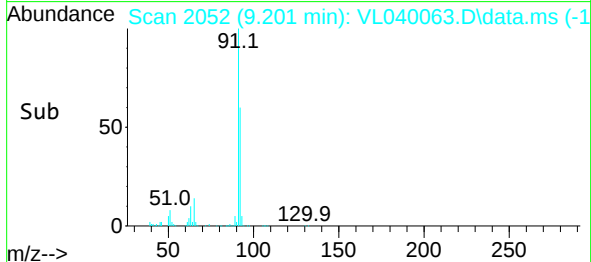
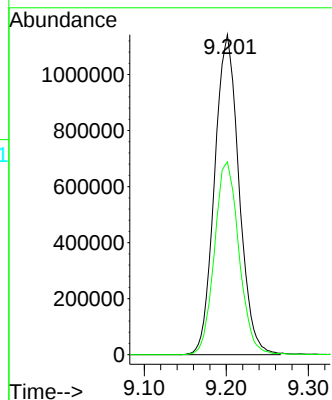
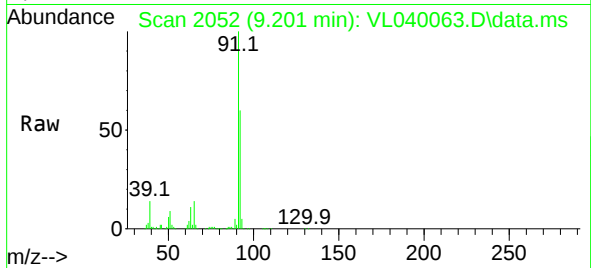




#53
Toluene
Concen: 9.577 ppbv
RT: 9.201 min Scan# 2052
Delta R.T. -0.003 min
Lab File: VL040063.D
Acq: 22 Dec 2022 11:48

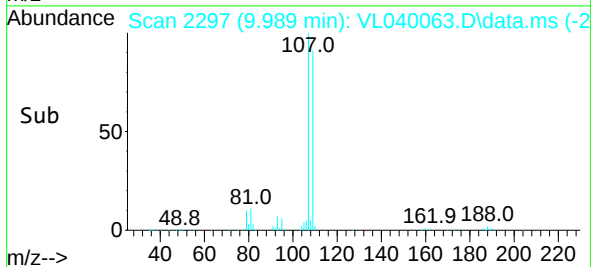
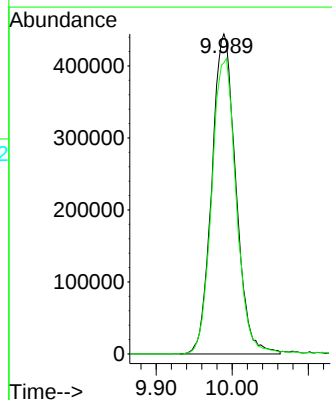
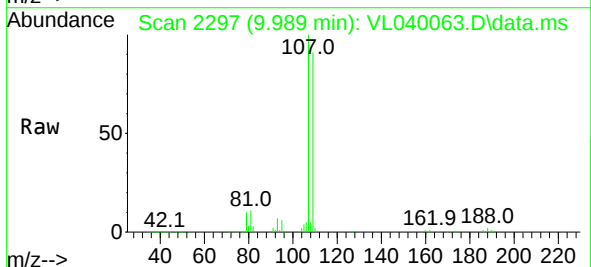
Instrument :
MSVOA_L
ClientSampleId :

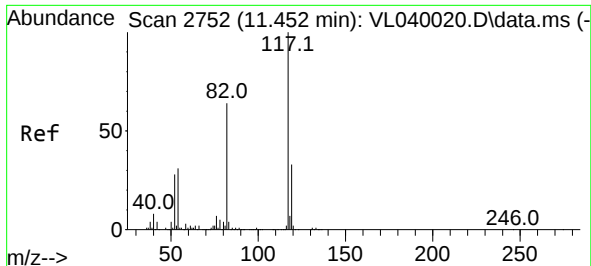
Tgt Ion: 91 Resp: 2364174
Ion Ratio Lower Upper
91 100
92 60.7 48.7 73.1



#54
1,2-Dibromoethane
Concen: 9.879 ppbv
RT: 9.989 min Scan# 2297
Delta R.T. -0.003 min
Lab File: VL040063.D
Acq: 22 Dec 2022 11:48

Tgt Ion: 107 Resp: 973656
Ion Ratio Lower Upper
107 100
109 90.9 74.1 111.1

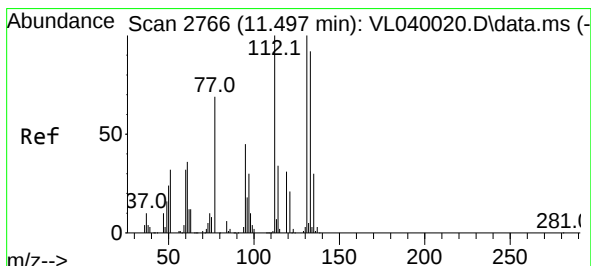
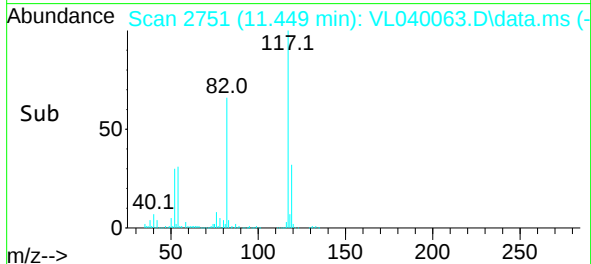
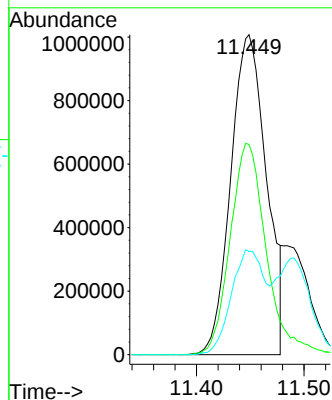
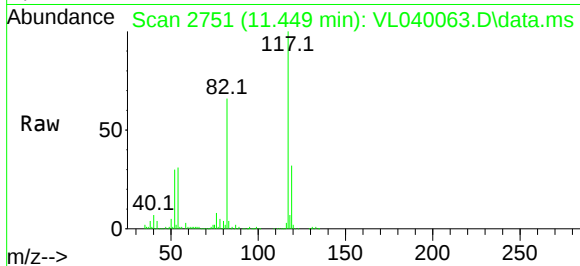




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.449 min Scan# 2751
Delta R.T. -0.003 min
Lab File: VL040063.D
Acq: 22 Dec 2022 11:48

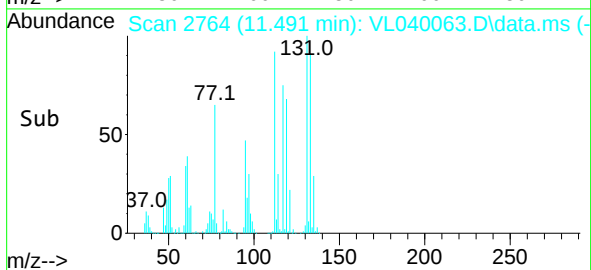
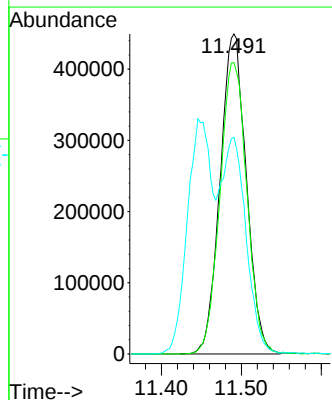
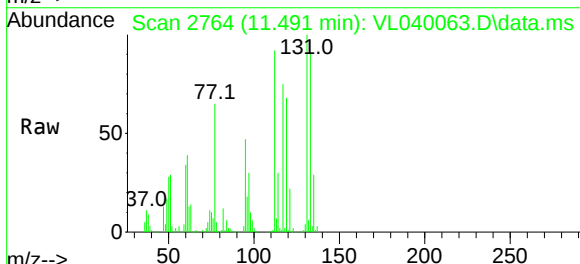
Instrument :
MSVOA_L
ClientSampleId :

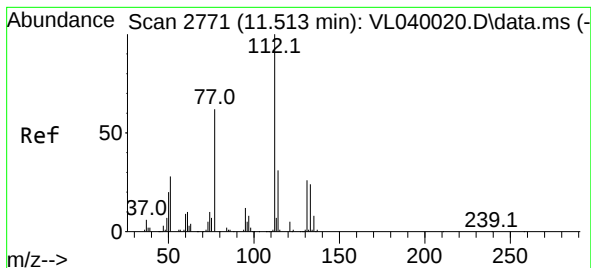
Tgt Ion:117 Resp: 2322384
Ion Ratio Lower Upper
117 100
82 66.9 51.2 76.8
119 30.8 23.2 34.8



#56
1,1,1,2-Tetrachloroethane
Concen: 9.531 ppbv
RT: 11.491 min Scan# 2764
Delta R.T. -0.006 min
Lab File: VL040063.D
Acq: 22 Dec 2022 11:48

Tgt Ion:131 Resp: 1020994
Ion Ratio Lower Upper
131 100
133 94.0 75.8 113.8
119 65.6 52.3 78.5





#57

Chlorobenzene

Concen: 9.046 ppbv

RT: 11.507 min Scan# 21

Delta R.T. -0.006 min

Lab File: VL040063.D

Acq: 22 Dec 2022 11:48

Instrument :

MSVOA_L

ClientSampleId :

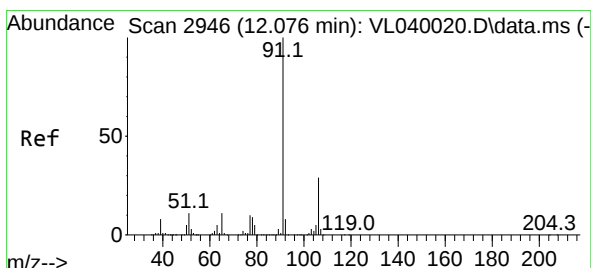
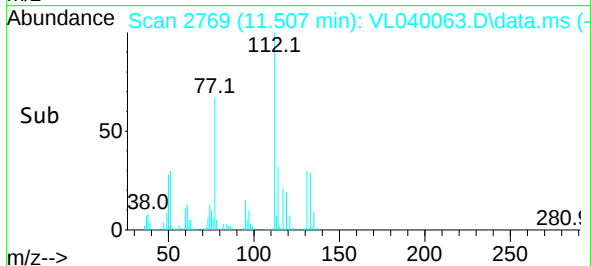
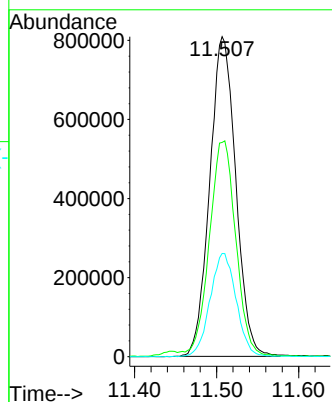
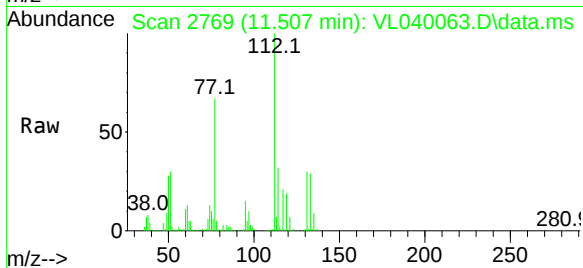
Tgt Ion:112 Resp: 1783381

Ion Ratio Lower Upper

112 100

77 66.8 50.6 75.8

114 32.2 27.8 34.0



#58

Ethyl Benzene

Concen: 9.532 ppbv

RT: 12.069 min Scan# 2944

Delta R.T. -0.006 min

Lab File: VL040063.D

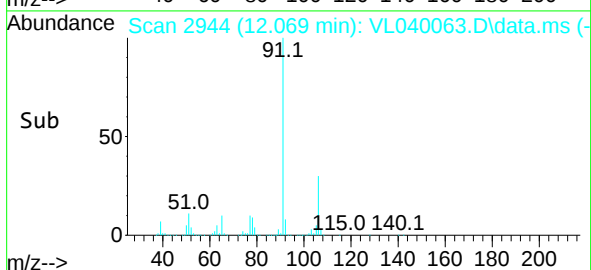
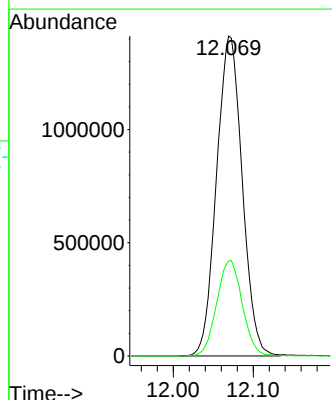
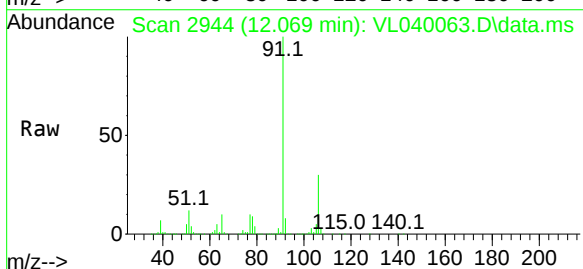
Acq: 22 Dec 2022 11:48

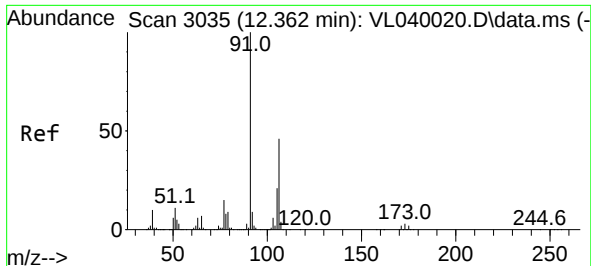
Tgt Ion: 91 Resp: 3145133

Ion Ratio Lower Upper

91 100

106 29.7 23.5 35.3





#59

m/p-Xylene

Concen: 9.192 ppbv

RT: 12.352 min Scan# 3035

Delta R.T. -0.010 min

Lab File: VL040063.D

Acq: 22 Dec 2022 11:48

Instrument :

MSVOA_L

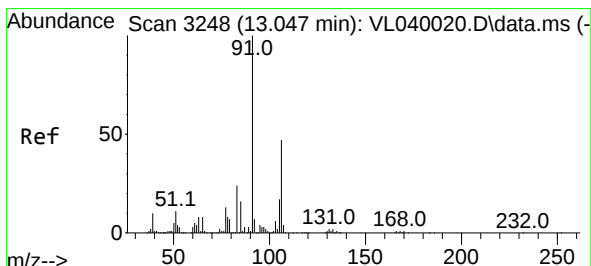
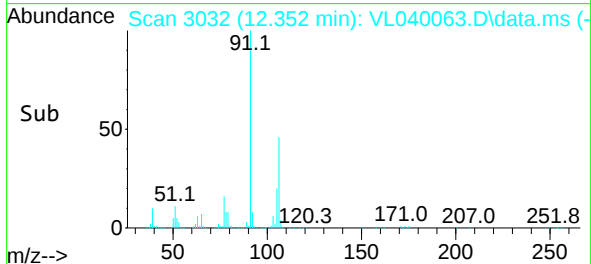
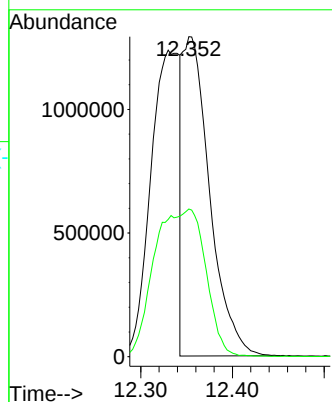
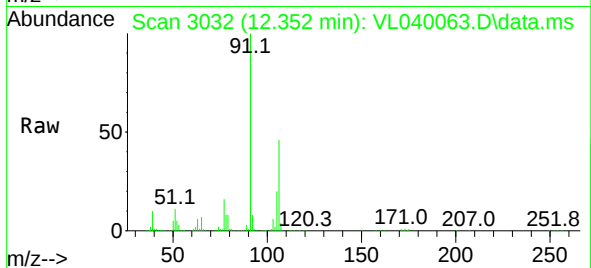
ClientSampleId :

Tgt Ion: 91 Resp: 2642260

Ion Ratio Lower Upper

91 100

106 88.0 35.5 53.3#



#60

o-Xylene

Concen: 9.211 ppbv

RT: 13.040 min Scan# 3246

Delta R.T. -0.006 min

Lab File: VL040063.D

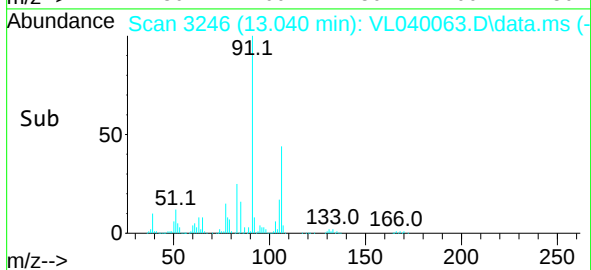
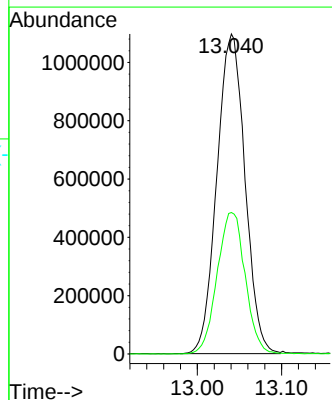
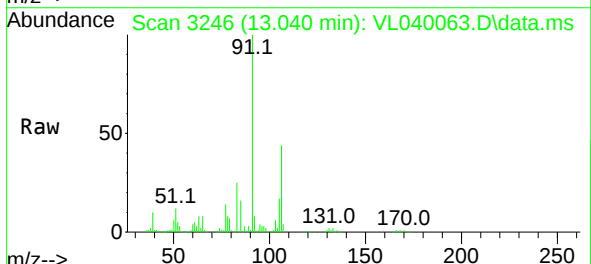
Acq: 22 Dec 2022 11:48

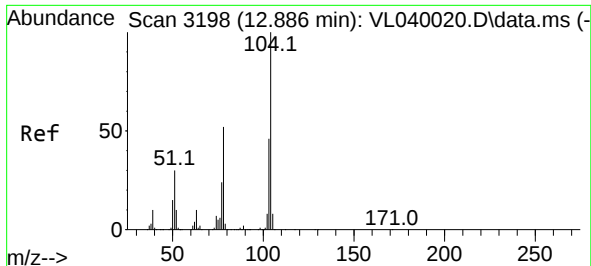
Tgt Ion: 91 Resp: 2536731

Ion Ratio Lower Upper

91 100

106 44.4 22.4 67.0

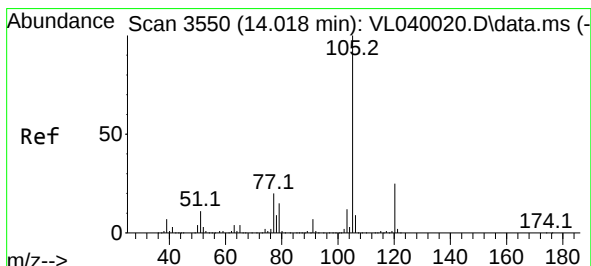
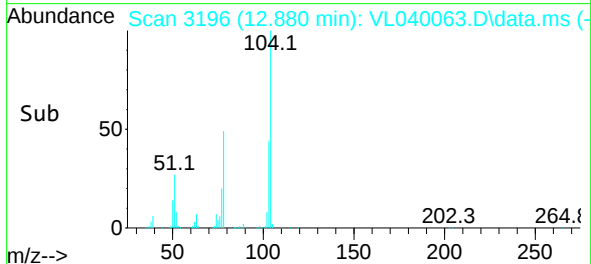
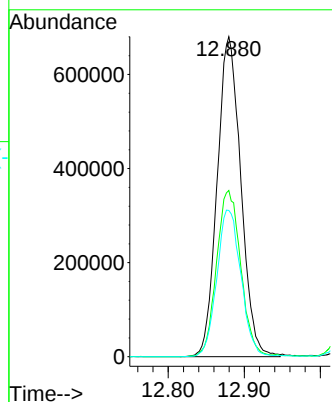
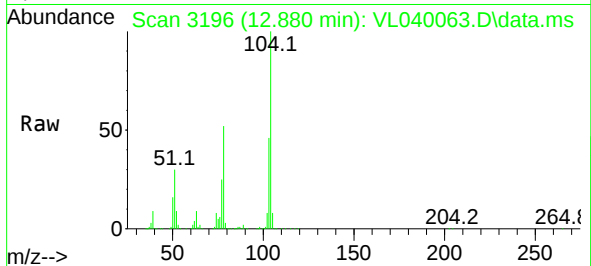




#61
Styrene
Concen: 9.967 ppbv
RT: 12.880 min Scan# 3198
Delta R.T. -0.006 min
Lab File: VL040063.D
Acq: 22 Dec 2022 11:48

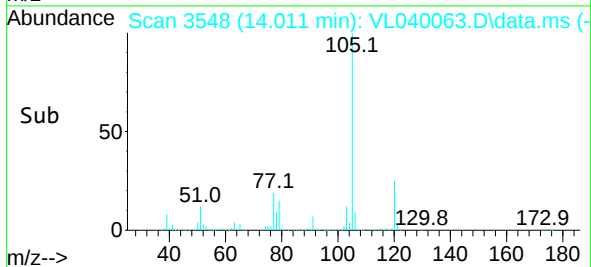
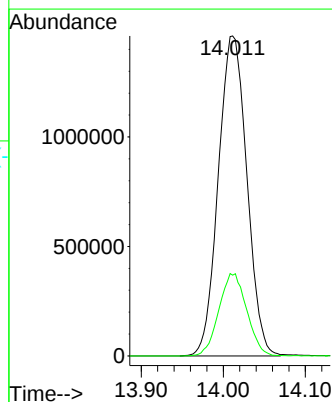
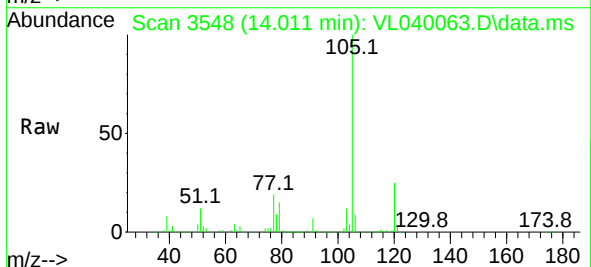
Instrument :
MSVOA_L
ClientSampleId :

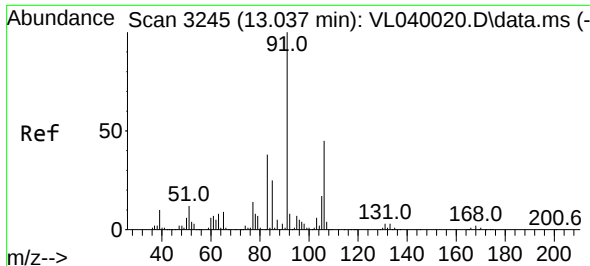
Tgt Ion:104 Resp: 1472135
Ion Ratio Lower Upper
104 100
78 53.5 42.4 63.6
103 46.9 37.2 55.8



#62
Isopropylbenzene
Concen: 8.915 ppbv
RT: 14.011 min Scan# 3548
Delta R.T. -0.006 min
Lab File: VL040063.D
Acq: 22 Dec 2022 11:48

Tgt Ion:105 Resp: 3539791
Ion Ratio Lower Upper
105 100
120 25.2 20.6 31.0

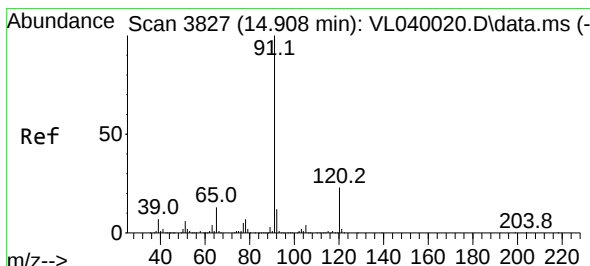
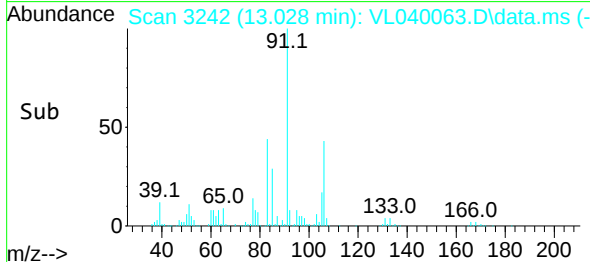
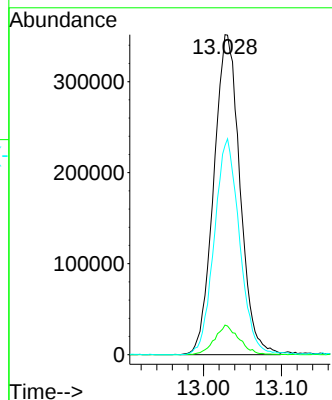
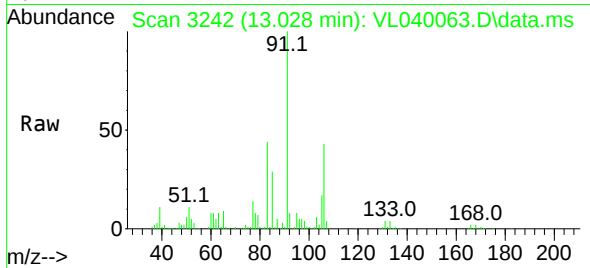




#63
1,1,2,2-Tetrachloroethane
Concen: 8.130 ppbv
RT: 13.028 min Scan# 31
Delta R.T. -0.010 min
Lab File: VL040063.D
Acq: 22 Dec 2022 11:48

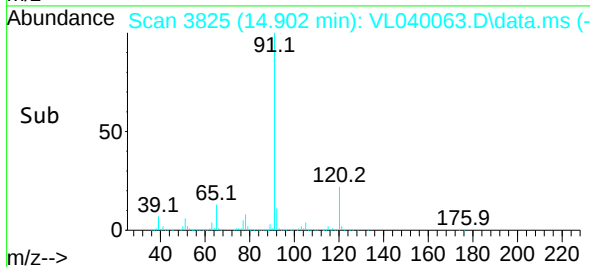
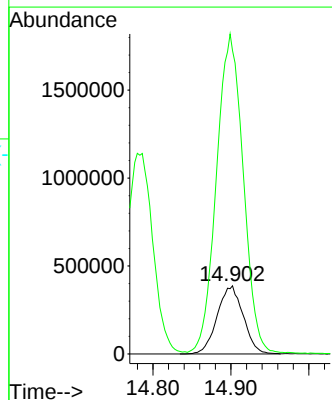
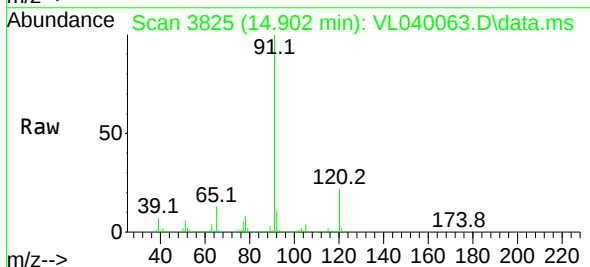
Instrument :
MSVOA_L
ClientSampleId :

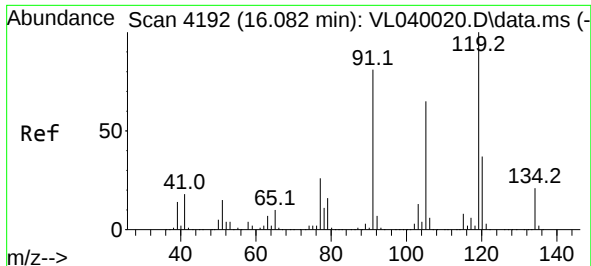
Tgt Ion: 83 Resp: 820833
Ion Ratio Lower Upper
83 100
131 8.7 4.5 13.5
85 65.6 33.3 99.9



#64
n-propylbenzene
Concen: 8.944 ppbv
RT: 14.902 min Scan# 3825
Delta R.T. -0.006 min
Lab File: VL040063.D
Acq: 22 Dec 2022 11:48

Tgt Ion: 120 Resp: 896975
Ion Ratio Lower Upper
120 100
91 486.2 384.3 576.5

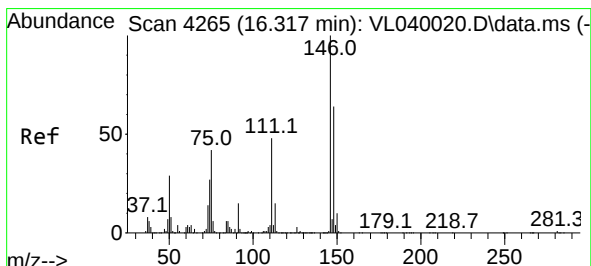
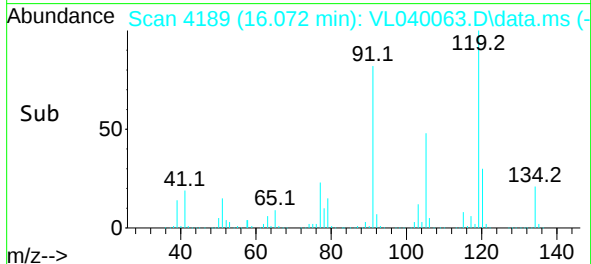
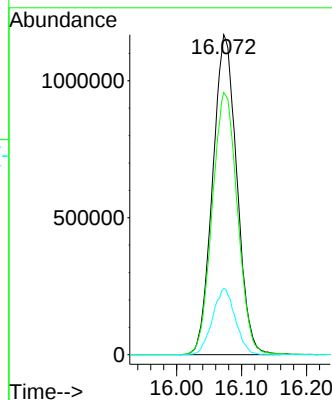
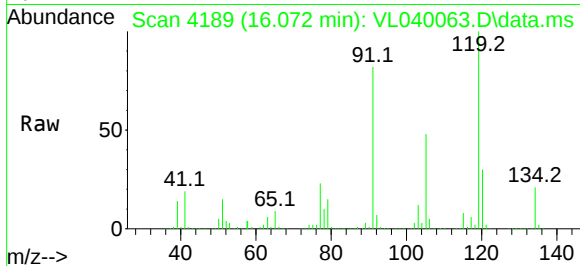




#65
tert-Butylbenzene
Concen: 8.740 ppbv
RT: 16.072 min Scan# 4192
Delta R.T. -0.010 min
Lab File: VL040063.D
Acq: 22 Dec 2022 11:48

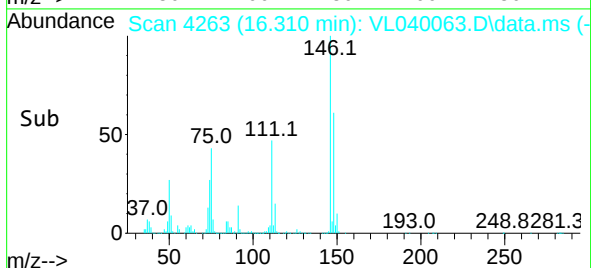
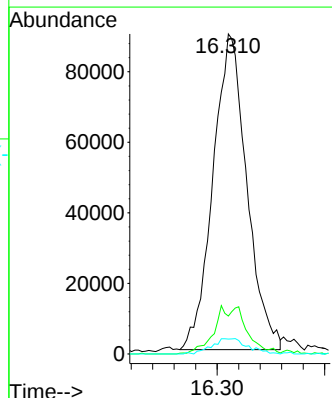
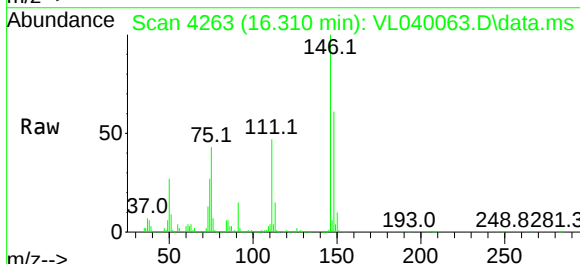
Instrument :
MSVOA_L
ClientSampleId :

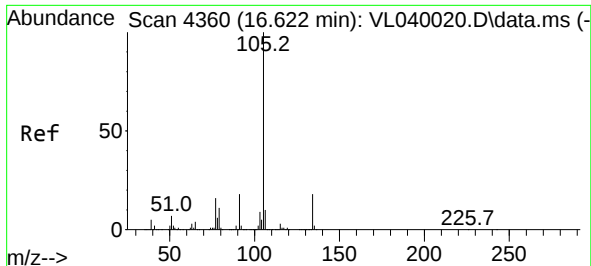
Tgt Ion:119 Resp: 3015615
Ion Ratio Lower Upper
119 100
91 85.5 66.9 100.3
134 19.6 15.8 23.6



#66
Benzyl Chloride
Concen: 9.698 ppbv
RT: 16.310 min Scan# 4263
Delta R.T. -0.006 min
Lab File: VL040063.D
Acq: 22 Dec 2022 11:48

Tgt Ion: 91 Resp: 195137
Ion Ratio Lower Upper
91 100
126 15.1 12.2 18.2
128 5.2 4.2 6.2

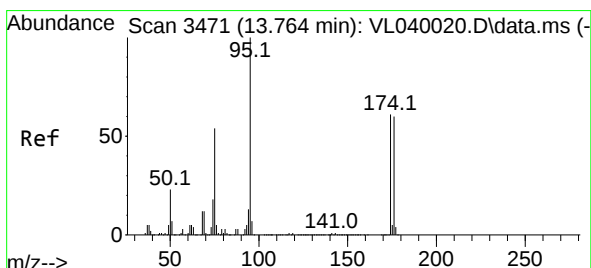
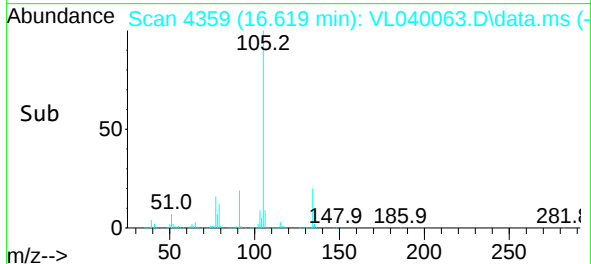
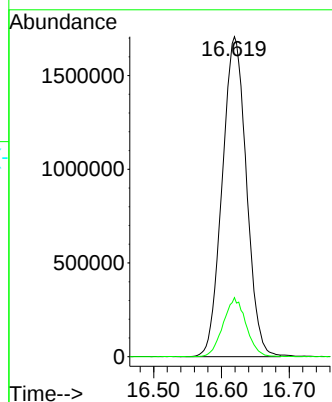
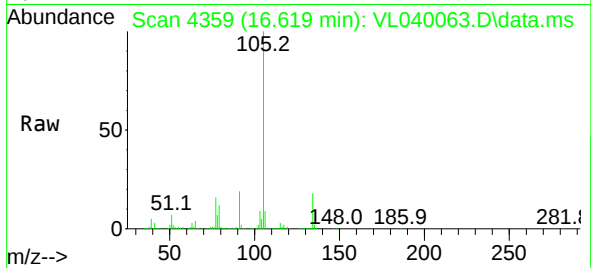




#67
 sec-Butylbenzene
 Concen: 8.759 ppbv
 RT: 16.619 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL040063.D
 Acq: 22 Dec 2022 11:48

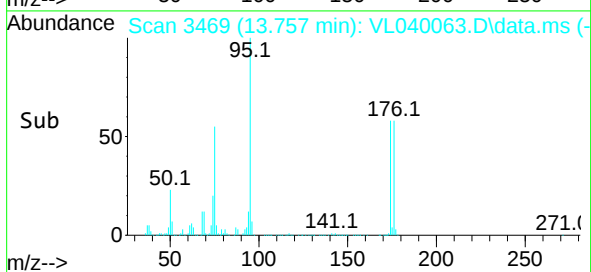
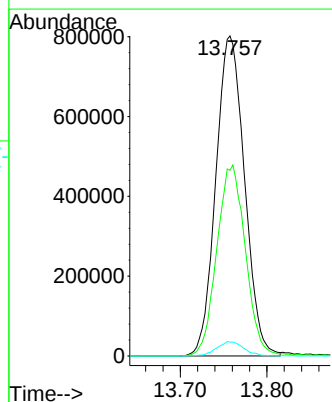
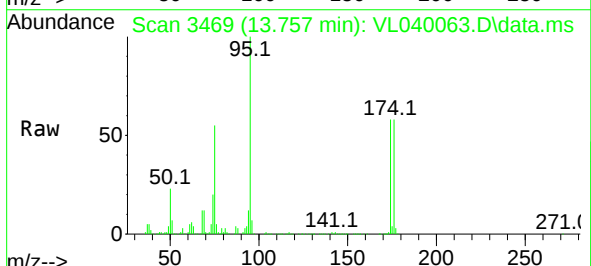
Instrument :
 MSVOA_L
 ClientSampleId :

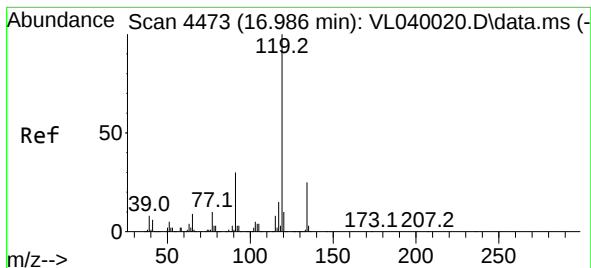
Tgt Ion:105 Resp: 4235197
 Ion Ratio Lower Upper
 105 100
 134 17.4 14.2 21.4



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.399 ppbv
 RT: 13.757 min Scan# 3469
 Delta R.T. -0.006 min
 Lab File: VL040063.D
 Acq: 22 Dec 2022 11:48

Tgt Ion: 95 Resp: 1844816
 Ion Ratio Lower Upper
 95 100
 174 59.8 48.6 73.0
 175 4.3 3.4 5.2





#69

p-Isopropyltoluene

Concen: 8.851 ppbv

RT: 16.979 min Scan# 4473

Delta R.T. -0.006 min

Lab File: VL040063.D

Acq: 22 Dec 2022 11:48

Instrument :

MSVOA_L

ClientSampleId :

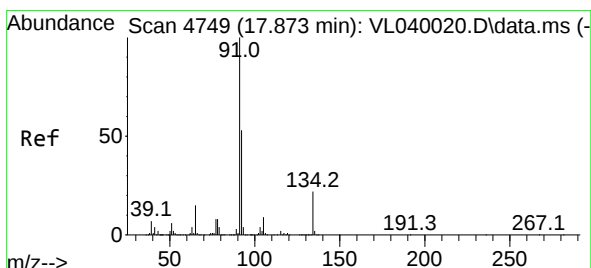
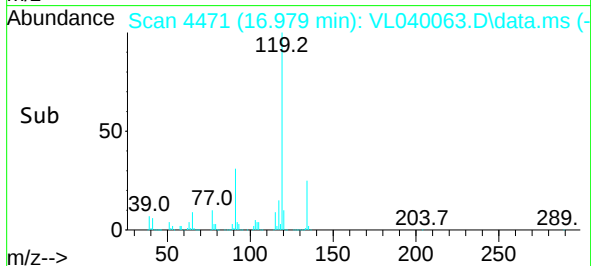
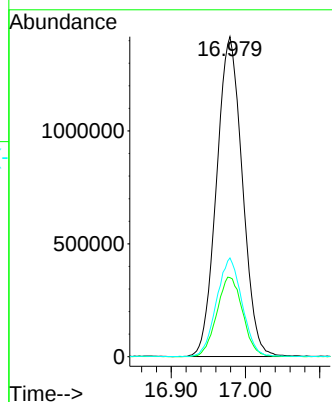
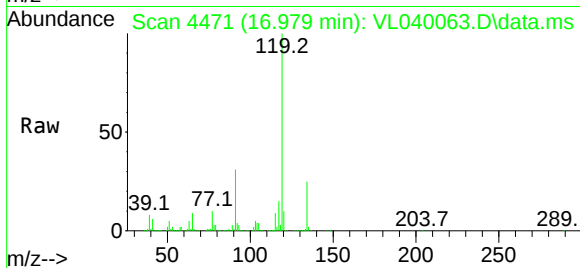
Tgt Ion:119 Resp: 3418667

Ion Ratio Lower Upper

119 100

134 25.1 20.2 30.4

91 30.6 24.2 36.4



#70

n-Butylbenzene

Concen: 8.971 ppbv

RT: 17.870 min Scan# 4748

Delta R.T. -0.003 min

Lab File: VL040063.D

Acq: 22 Dec 2022 11:48

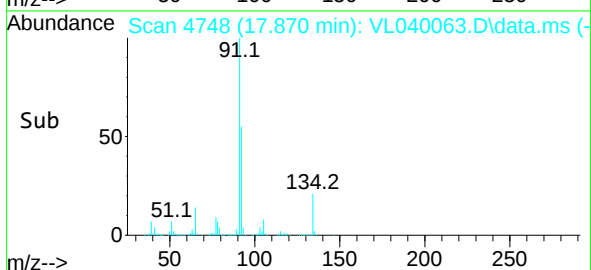
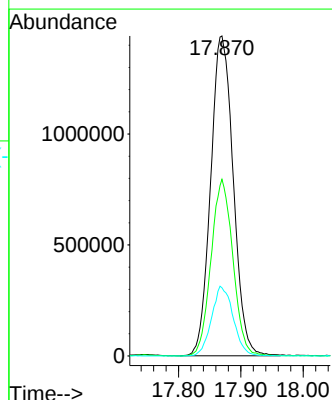
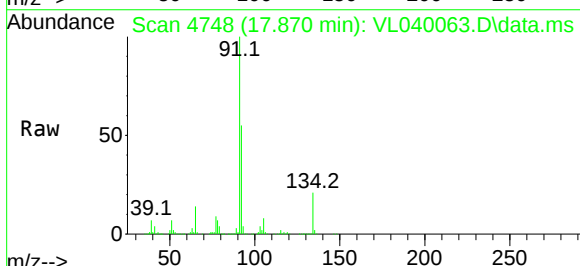
Tgt Ion: 91 Resp: 3630436

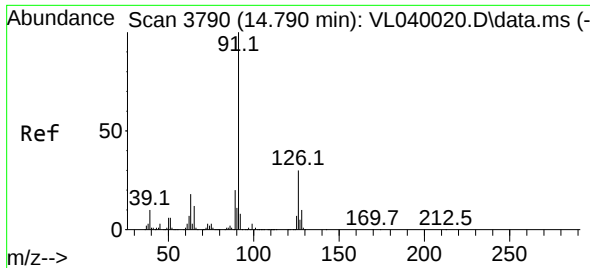
Ion Ratio Lower Upper

91 100

92 53.5 43.2 64.8

134 21.0 17.4 26.2

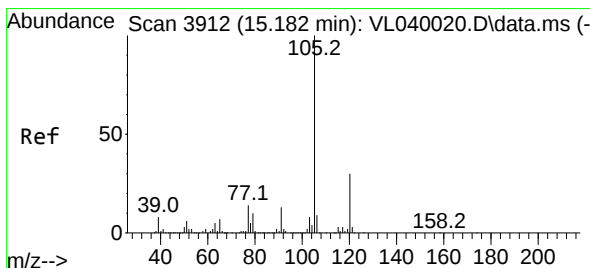
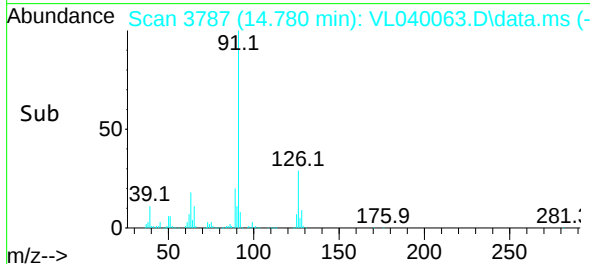
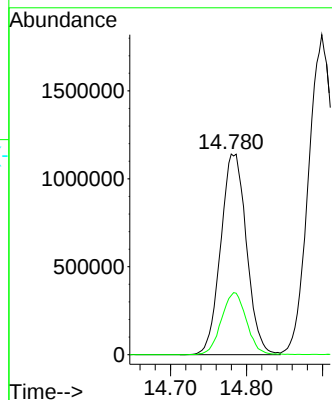
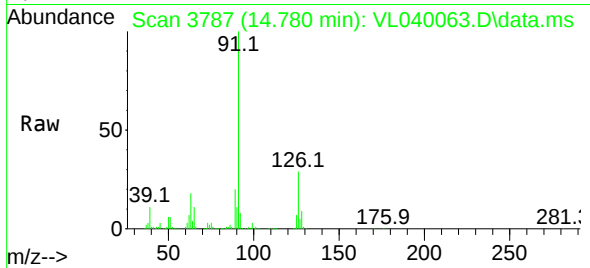




#71
2-Chlorotoluene
Concen: 8.887 ppbv
RT: 14.780 min Scan# 31
Delta R.T. -0.010 min
Lab File: VL040063.D
Acq: 22 Dec 2022 11:48

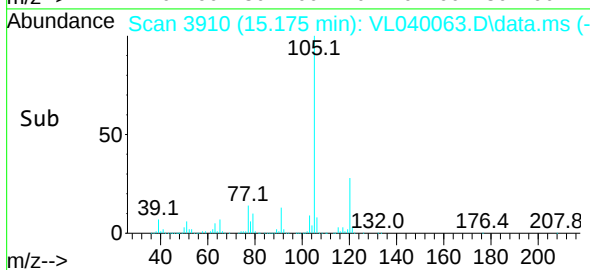
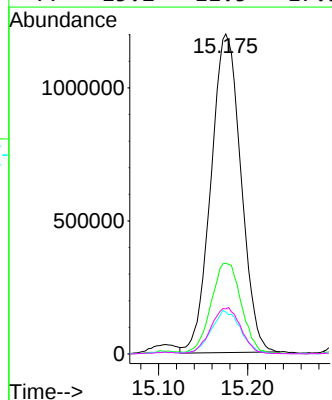
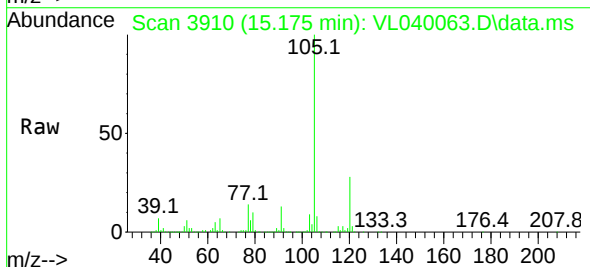
Instrument :
MSVOA_L
ClientSampleId :

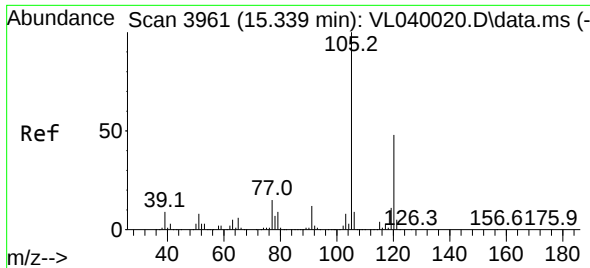
Tgt Ion: 91 Resp: 2692139
Ion Ratio Lower Upper
91 100
126 30.1 12.1 48.5



#72
4-Ethyltoluene
Concen: 9.163 ppbv
RT: 15.175 min Scan# 3910
Delta R.T. -0.006 min
Lab File: VL040063.D
Acq: 22 Dec 2022 11:48

Tgt Ion:105 Resp: 2801865
Ion Ratio Lower Upper
105 100
120 29.0 23.5 35.3
91 13.3 10.5 15.7
77 15.2 11.5 17.3

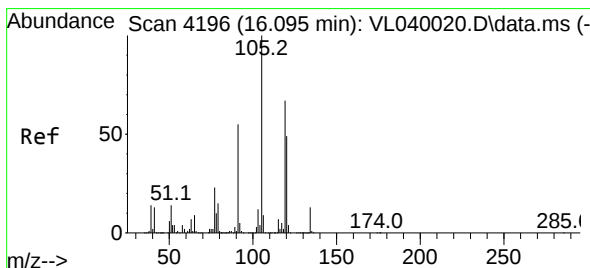
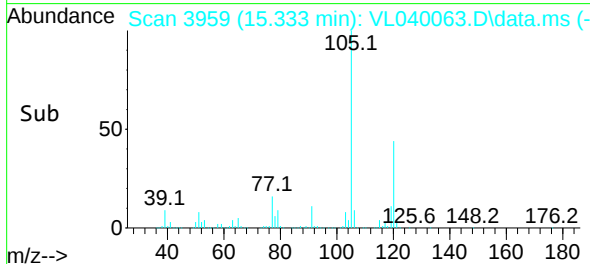
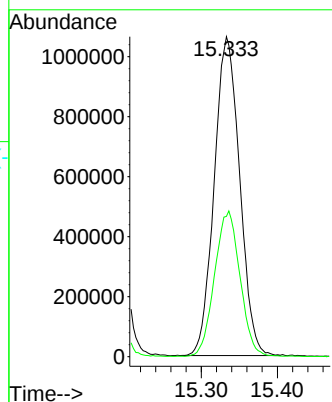
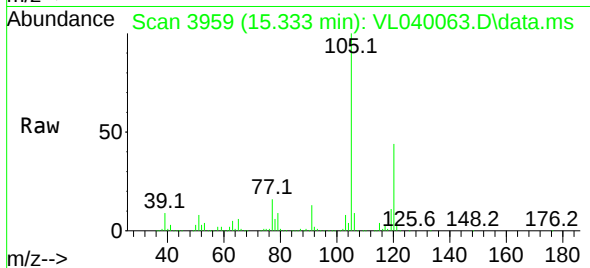




#73
 1,3,5-Trimethylbenzene
 Concen: 8.953 ppbv
 RT: 15.333 min Scan# 3961
 Delta R.T. -0.006 min
 Lab File: VL040063.D
 Acq: 22 Dec 2022 11:48

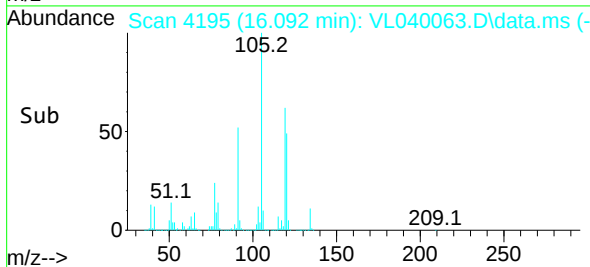
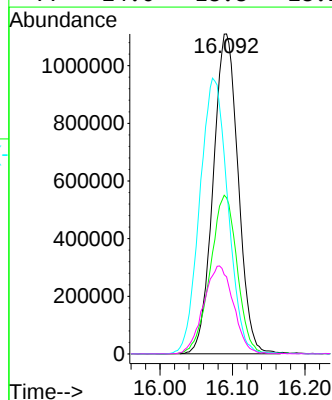
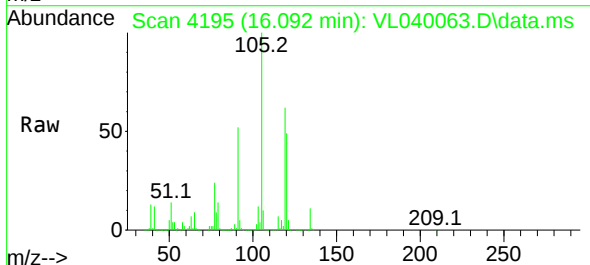
Instrument :
 MSVOA_L
 ClientSampleId :

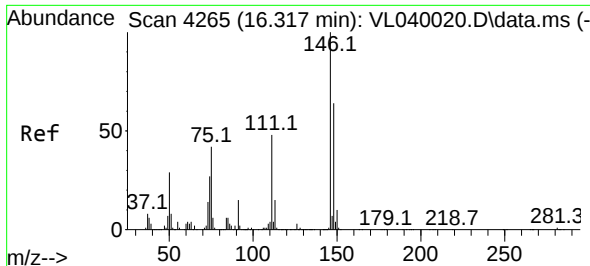
Tgt Ion:105 Resp: 2468868
 Ion Ratio Lower Upper
 105 100
 120 43.8 38.4 57.6



#74
 1,2,4-Trimethylbenzene
 Concen: 8.761 ppbv
 RT: 16.092 min Scan# 4195
 Delta R.T. -0.003 min
 Lab File: VL040063.D
 Acq: 22 Dec 2022 11:48

Tgt Ion:105 Resp: 2663234
 Ion Ratio Lower Upper
 105 100
 120 48.6 39.3 58.9
 91 51.7 44.2 66.4
 77 24.0 18.8 28.2

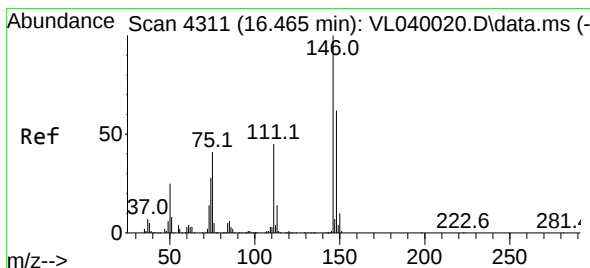
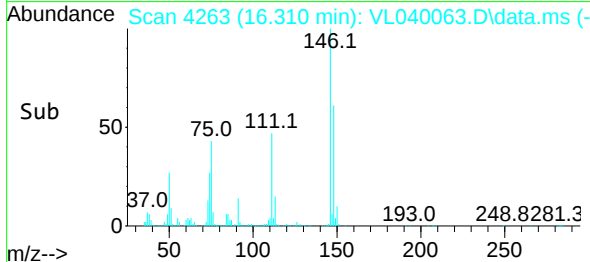
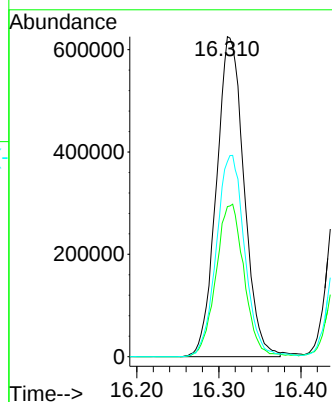
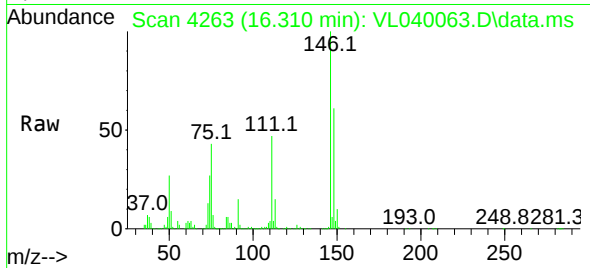




#75
1,3-Dichlorobenzene
Concen: 8.798 ppbv
RT: 16.310 min Scan# 41
Delta R.T. -0.006 min
Lab File: VL040063.D
Acq: 22 Dec 2022 11:48

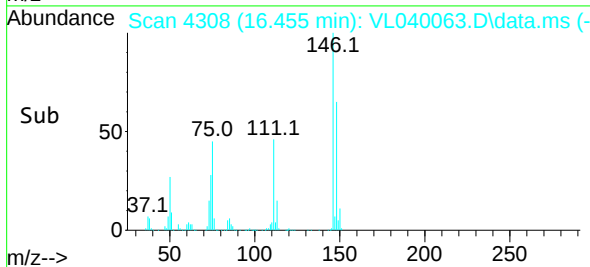
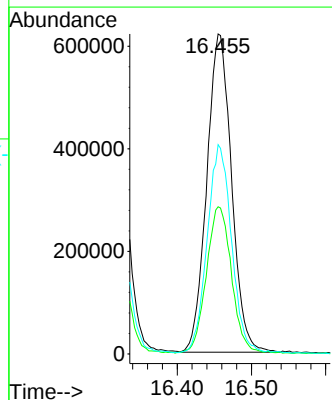
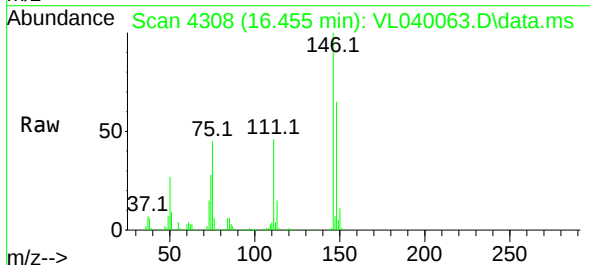
Instrument :
MSVOA_L
ClientSampleId :

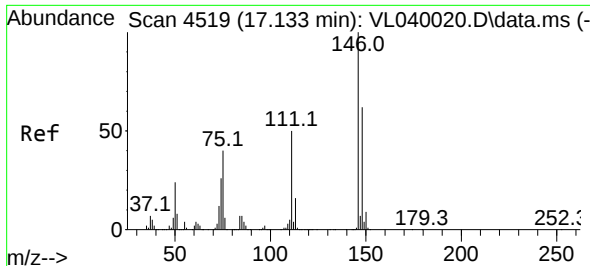
Tgt Ion:146 Resp: 1463380
Ion Ratio Lower Upper
146 100
111 48.5 23.9 71.8
148 64.6 32.0 96.2



#76
1,4-Dichlorobenzene
Concen: 8.855 ppbv
RT: 16.455 min Scan# 4308
Delta R.T. -0.010 min
Lab File: VL040063.D
Acq: 22 Dec 2022 11:48

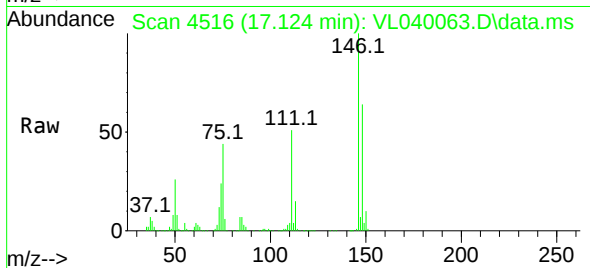
Tgt Ion:146 Resp: 1437879
Ion Ratio Lower Upper
146 100
111 47.7 23.4 70.2
148 65.3 32.0 96.2



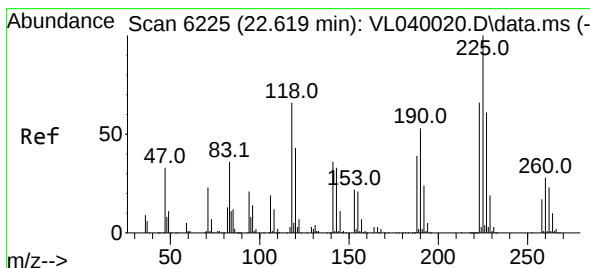
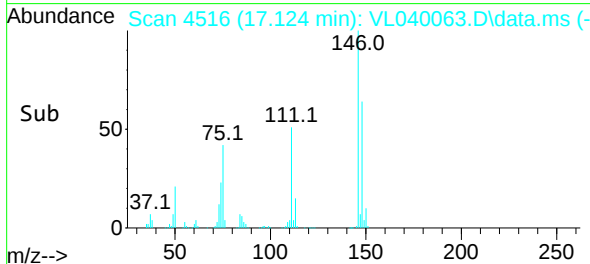
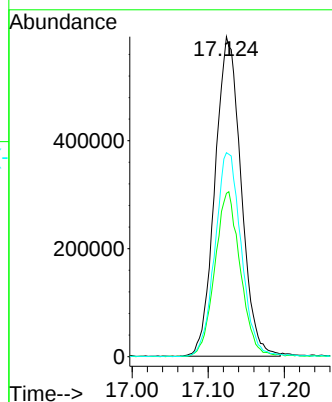


#77
1,2-Dichlorobenzene
Concen: 8.852 ppbv
RT: 17.124 min Scan# 41
Delta R.T. -0.010 min
Lab File: VL040063.D
Acq: 22 Dec 2022 11:48

Instrument :
MSVOA_L
ClientSampleId :

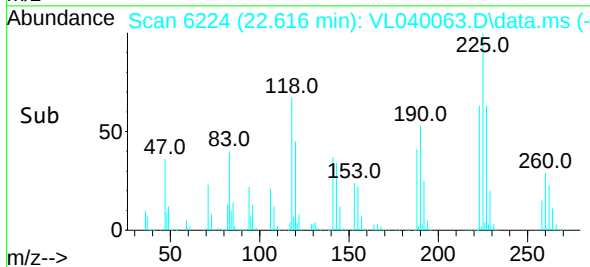
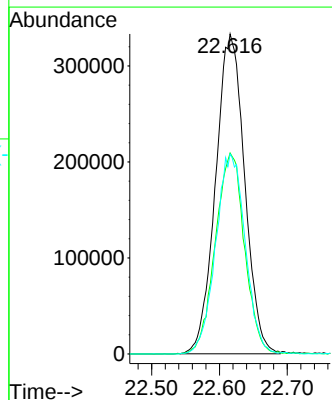
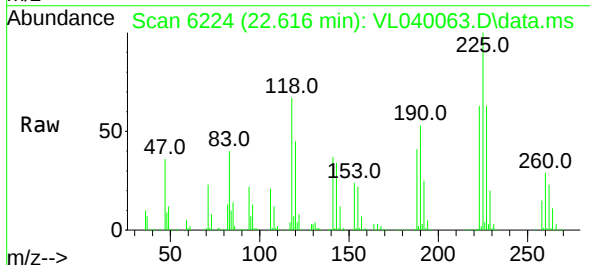


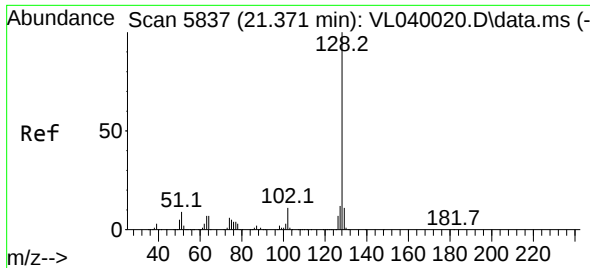
Tgt Ion:146 Resp: 1412081
Ion Ratio Lower Upper
146 100
111 50.9 25.3 75.9
148 64.7 31.9 95.9



#78
Hexachloro-1,3-Butadiene
Concen: 8.953 ppbv
RT: 22.616 min Scan# 6224
Delta R.T. -0.003 min
Lab File: VL040063.D
Acq: 22 Dec 2022 11:48

Tgt Ion:225 Resp: 990713
Ion Ratio Lower Upper
225 100
223 63.3 0.0 0.0#
227 63.7 0.0 0.0#

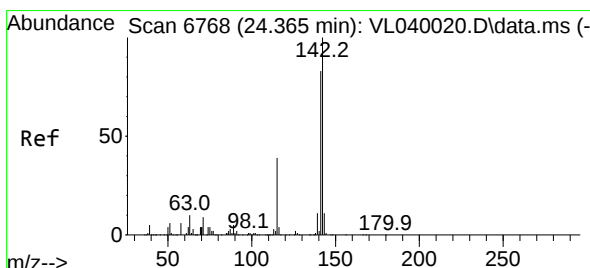
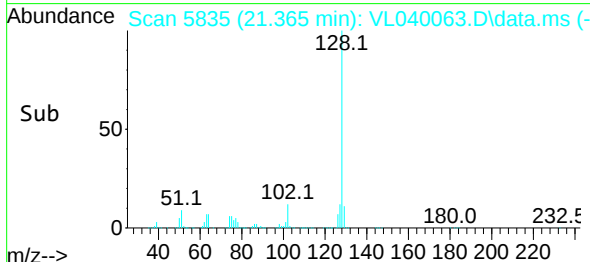
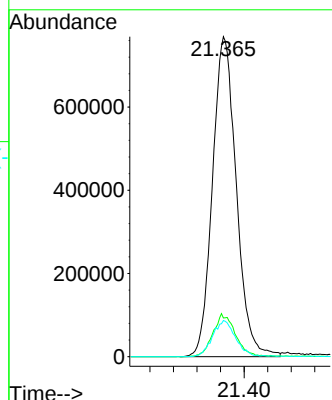
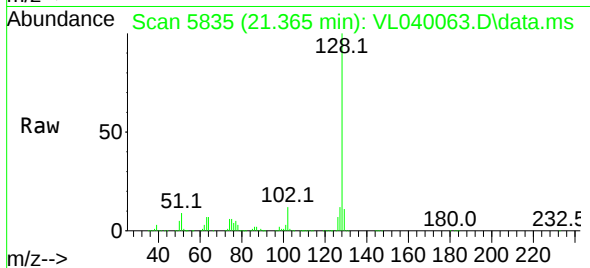




#79
Naphthalene
Concen: 11.919 ppbv
RT: 21.365 min Scan# 5835
Delta R.T. -0.006 min
Lab File: VL040063.D
Acq: 22 Dec 2022 11:48

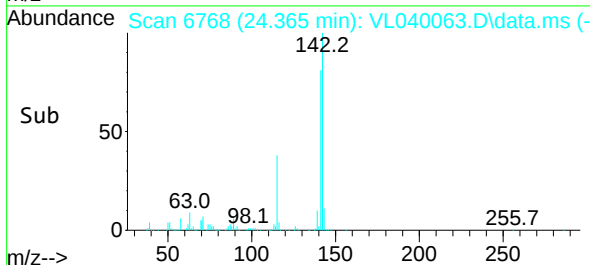
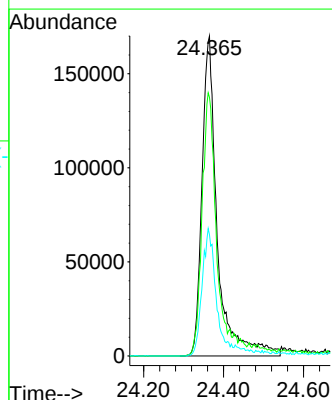
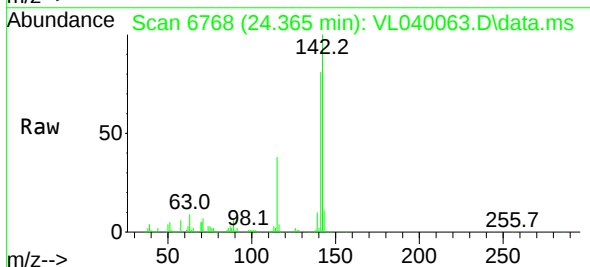
Instrument :
MSVOA_L
ClientSampleId :

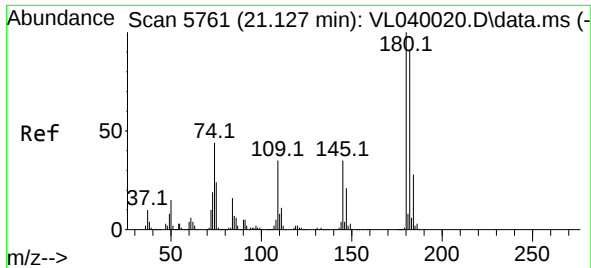
Tgt Ion:128 Resp: 2158852
Ion Ratio Lower Upper
128 100
127 12.1 10.0 15.0
129 11.3 8.8 13.2



#80
Naphthalene,2-methyl-
Concen: 8.194 ppbv
RT: 24.365 min Scan# 6768
Delta R.T. 0.000 min
Lab File: VL040063.D
Acq: 22 Dec 2022 11:48

Tgt Ion:142 Resp: 454096
Ion Ratio Lower Upper
142 100
141 82.9 65.3 97.9
115 39.2 31.9 47.9





#81

1,2,4-Trichlorobenzene

Concen: 9.994 ppbv

RT: 21.124 min Scan# 51

Delta R.T. -0.003 min

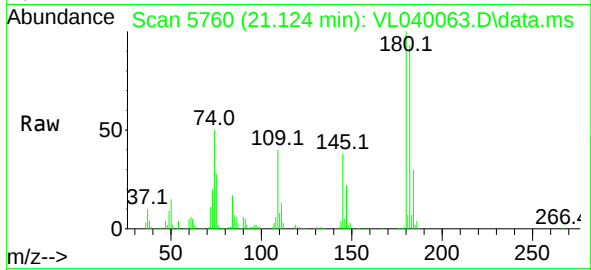
Lab File: VL040063.D

Acq: 22 Dec 2022 11:48

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:180 Resp: 1075171

Ion Ratio Lower Upper

180 100

182 97.0 76.6 115.0

184 30.9 24.9 37.3

