

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041923\
 Data File : VL040374.D
 Acq On : 19 Apr 2023 10:43
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Apr 20 05:07:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041323AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Apr 13 14:37:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.179	49	1179637	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	6.645	114	2971834	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	3600737	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.773	95	2354241	7.907	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	79.100%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.709	85	1617677	7.606	ppbv	99
3) Chlorodifluoromethane	2.655	51	1437986	9.329	ppbv	100
4) Chloromethane	2.793	50	938347	9.637	ppbv	97
5) Vinyl Chloride	2.899	62	801047	9.966	ppbv	98
6) Bromomethane	3.099	94	255286	9.640	ppbv	99
7) Chloroethane	3.176	64	289255	9.504	ppbv	98
8) Dichlorotetrafluoroethane	2.835	85	1916328	9.220	ppbv	98
9) Propene	2.671	41	595960	9.786	ppbv	100
10) Heptane	7.571	43	1508154	10.897	ppbv	100
11) Trichlorofluoromethane	3.545	101	2019798	9.381	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.050	101	1512374	10.043	ppbv	100
13) Ethanol	3.224	45	37055	7.289	ppbv	85
14) Bromoethene	3.349	108	619243	10.056	ppbv	97
15) Acetone	3.449	43	1453581	8.700	ppbv	99
16) 1,3-Butadiene	2.964	39	726371	10.505	ppbv	97
17) tert-Butyl alcohol	3.857	59	1603338	10.450	ppbv	100
18) 1,1-Dichloroethene	3.864	96	691360	10.179	ppbv	99
19) Isopropyl Alcohol	3.555	45	787025	10.323	ppbv	100
20) Methylene Chloride	3.918	84	595574	8.928	ppbv	99
21) Allyl Chloride	3.980	41	999600	10.529	ppbv	99
22) trans-1,2-Dichloroethene	4.430	96	704207	10.371	ppbv	95
23) Vinyl Acetate	4.613	43	460388	10.823	ppbv #	97
24) 1,1-Dichloroethane	4.549	63	1435749	10.141	ppbv	99
25) Ethyl Acetate	5.189	43	2807201	9.985	ppbv	99
26) Hexane	5.198	57	1195620	10.088	ppbv	99
27) Carbon Disulfide	4.108	76	1722700	11.231	ppbv	100
28) Methyl tert-Butyl Ether	4.571	73	1291603	10.557	ppbv	99
29) Chloroform	5.262	83	2051137	9.715	ppbv	97
30) Cyclohexane	6.590	84	1001811	10.914	ppbv	99
31) cis-1,2-Dichloroethene	5.066	61	1084357	9.230	ppbv	100
32) 1,1,1-Trichloroethane	5.992	97	2062947	10.056	ppbv	100
34) 2-Butanone	4.771	43	1577297	9.843	ppbv	99
35) Carbon Tetrachloride	6.484	117	2108434	10.079	ppbv	99
36) Benzene	6.359	78	2532872	10.446	ppbv	99
37) 1,2-Dichloroethane	5.793	62	1614586	10.138	ppbv	99
38) Trichloroethene	7.282	130	1525525	11.055	ppbv	96
39) 1,2-Dichloropropane	7.066	63	986022	10.335	ppbv	97
40) 1,4-Dioxane	7.282	88	395599	10.827	ppbv #	96
41) Tetrahydrofuran	5.545	42	969141	11.043	ppbv	99
42) Bromodichloromethane	7.243	83	2275620	10.463	ppbv	99
43) Methyl Methacrylate	7.465	69	1014567	11.266	ppbv	98
44) 2,2,4-Trimethylpentane	7.320	57	4169841	10.296	ppbv	100
45) t-1,3-Dichloropropene	8.703	75	995346	12.373	ppbv	98

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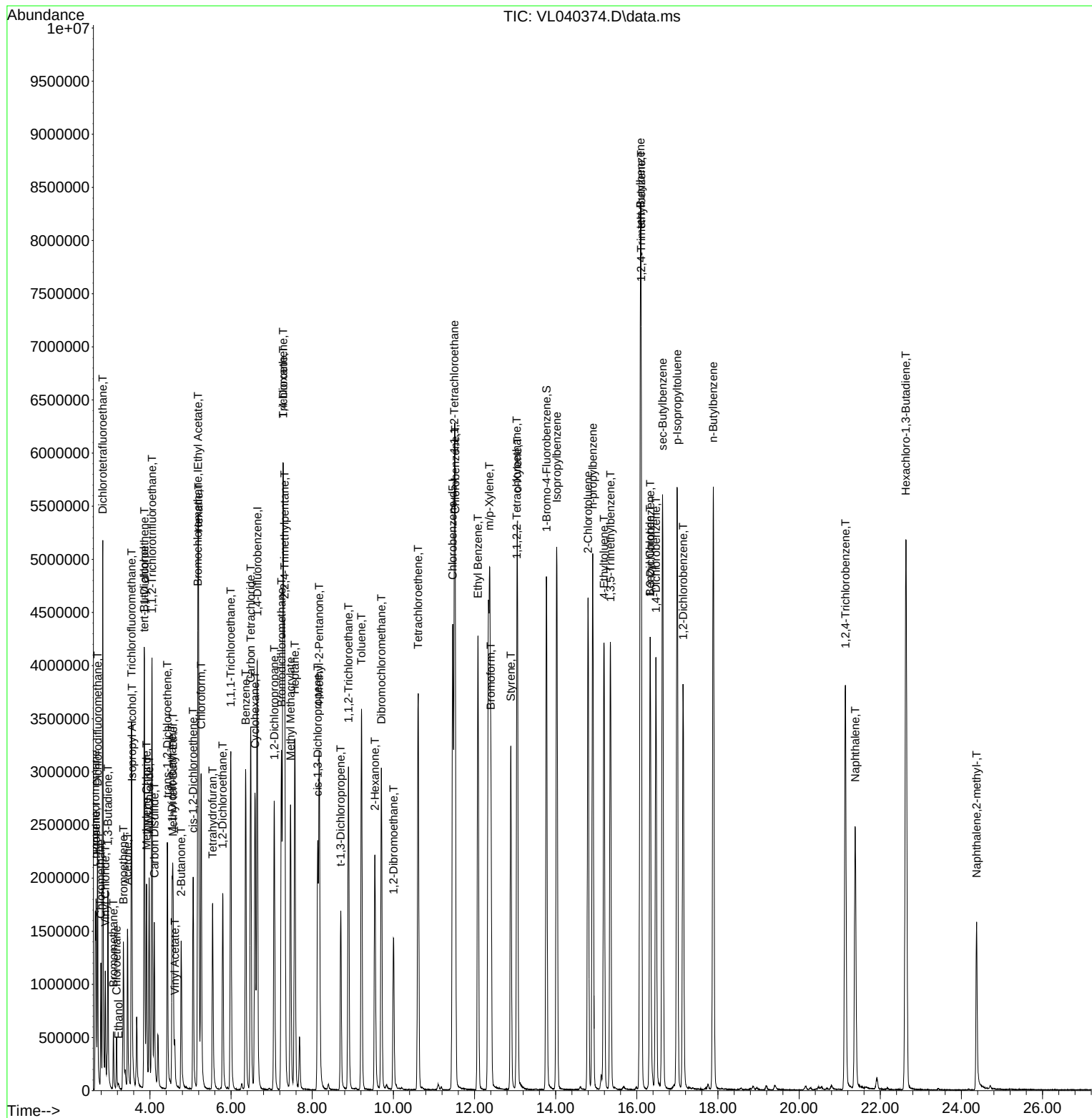
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.137	75	1338739	11.957	ppbv	98
47) 1,1,2-Trichloroethane	8.893	97	1067708	10.207	ppbv	99
48) Dibromochloromethane	9.706	129	1843133	10.941	ppbv	99
49) Bromoform	12.404	173	1473496	11.214	ppbv	99
50) 4-Methyl-2-Pentanone	8.172	43	2591322	10.665	ppbv	100
51) 2-Hexanone	9.545	43	2014176	11.218	ppbv #	100
52) Tetrachloroethene	10.613	164	862820	11.376	ppbv	96
53) Toluene	9.214	91	2890799	11.246	ppbv	100
54) 1,2-Dibromoethane	10.005	107	1180341	11.130	ppbv	98
56) 1,1,1,2-Tetrachloroethane	11.503	131	1318963	8.025	ppbv	100
57) Chlorobenzene	11.526	112	2243883	7.959	ppbv	98
58) Ethyl Benzene	12.082	91	3915710	8.840	ppbv	98
59) m/p-Xylene	12.368	91	3910285	9.600	ppbv #	49
60) o-Xylene	13.056	91	3282230	8.396	ppbv	100
61) Styrene	12.896	104	1900584	9.705	ppbv	99
62) Isopropylbenzene	14.027	105	4567812	8.114	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.043	83	1019811	7.128	ppbv	99
64) n-propylbenzene	14.915	120	1172332	8.463	ppbv	97
65) tert-Butylbenzene	16.088	119	4015637	8.107	ppbv	99
66) Benzyl Chloride	16.326	91	261589	8.530	ppbv	98
67) sec-Butylbenzene	16.635	105	5681397	7.985	ppbv	99
69) p-Isopropyltoluene	16.995	119	4558756	8.206	ppbv	99
70) n-Butylbenzene	17.886	91	4961368	8.056	ppbv	100
71) 2-Chlorotoluene	14.799	91	3588831	8.303	ppbv	100
72) 4-Ethyltoluene	15.188	105	3733531	8.651	ppbv	100
73) 1,3,5-Trimethylbenzene	15.352	105	3312235	8.308	ppbv	99
74) 1,2,4-Trimethylbenzene	16.108	105	3646350	8.003	ppbv	95
75) 1,3-Dichlorobenzene	16.333	146	2024527	8.112	ppbv	99
76) 1,4-Dichlorobenzene	16.471	146	1978195	8.022	ppbv	100
77) 1,2-Dichlorobenzene	17.140	146	1912582	7.750	ppbv	99
78) Hexachloro-1,3-Butadiene	22.632	225	1454756	7.353	ppbv	100
79) Naphthalene	21.381	128	3042694	9.893	ppbv	99
80) Naphthalene,2-methyl-	24.374	142	1053509	11.507	ppbv	99
81) 1,2,4-Trichlorobenzene	21.143	180	1590535	8.415	ppbv	100

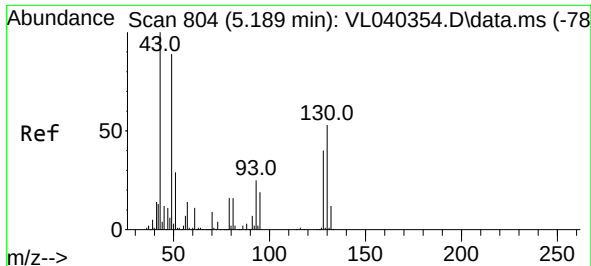
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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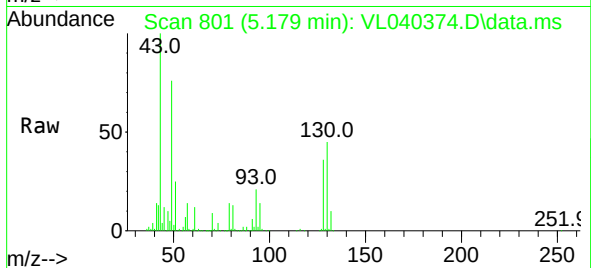
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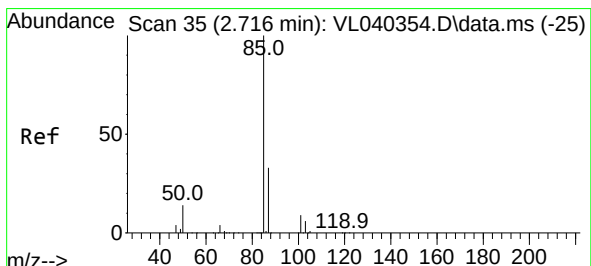
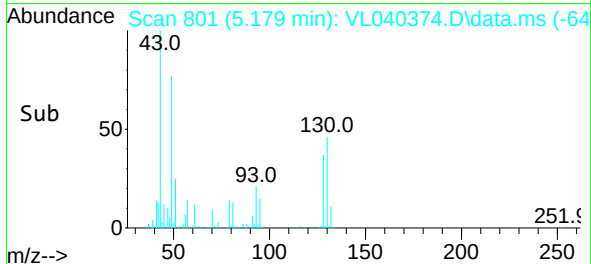
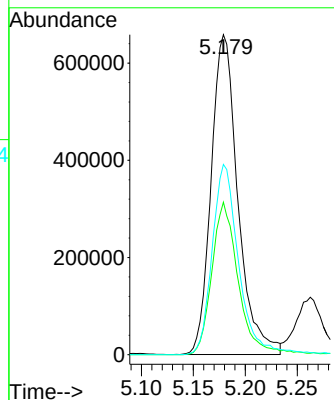
#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.179 min Scan# 80
 Delta R.T. -0.010 min
 Lab File: VL040374.D
 Acq: 19 Apr 2023 10:43

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion: 49 Resp: 1179637

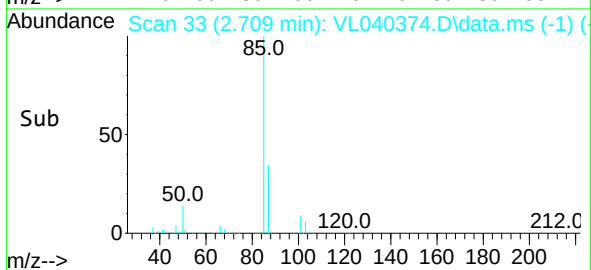
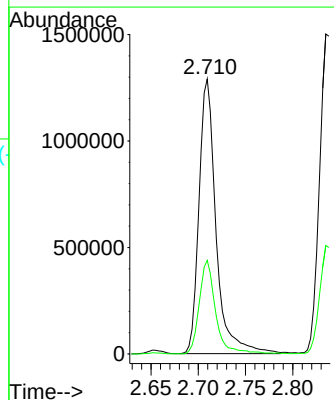
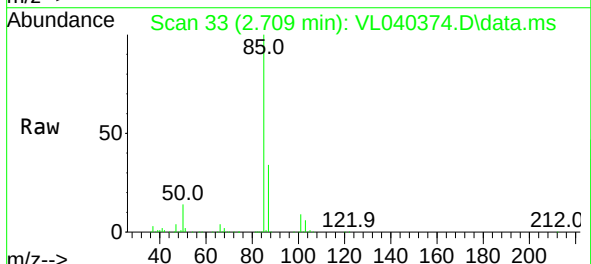
Ion	Ratio	Lower	Upper
49	100		
128	47.8	23.7	71.1
130	59.8	29.9	89.8

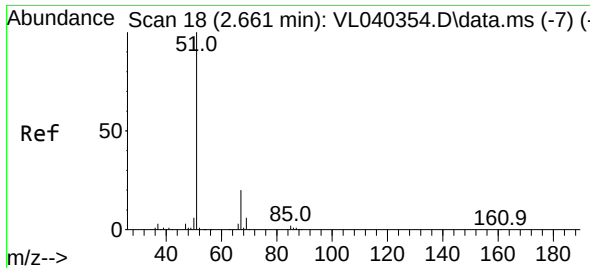


#2
 Dichlorodifluoromethane
 Concen: 7.606 ppbv
 RT: 2.709 min Scan# 33
 Delta R.T. -0.007 min
 Lab File: VL040374.D
 Acq: 19 Apr 2023 10:43

Tgt Ion: 85 Resp: 1617677

Ion	Ratio	Lower	Upper
85	100		
87	34.0	26.6	40.0

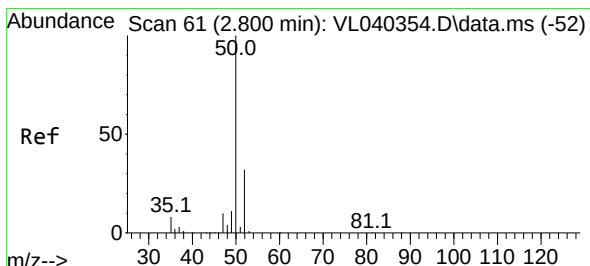
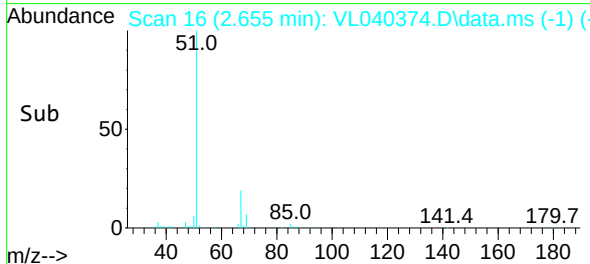
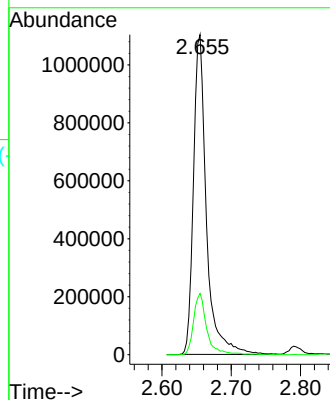
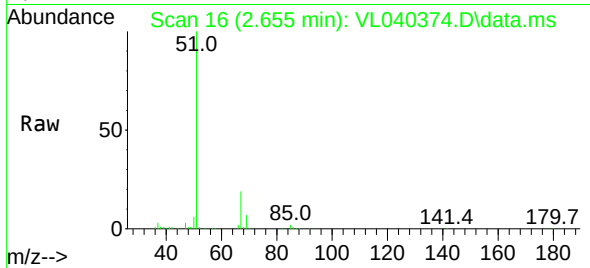




#3
Chlorodifluoromethane
Concen: 9.329 ppbv
RT: 2.655 min Scan# 1
Delta R.T. -0.006 min
Lab File: VL040374.D
Acq: 19 Apr 2023 10:43

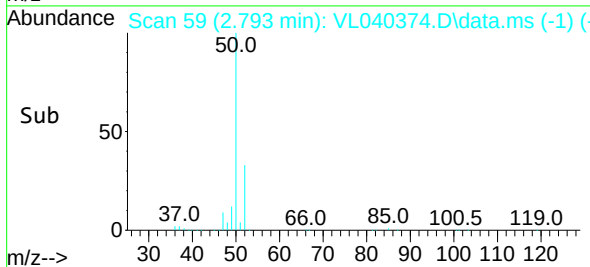
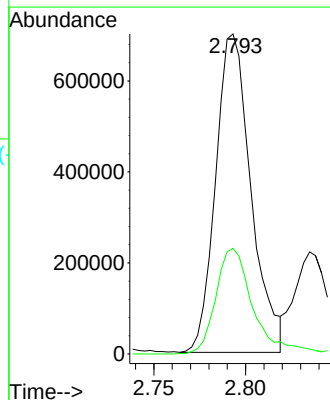
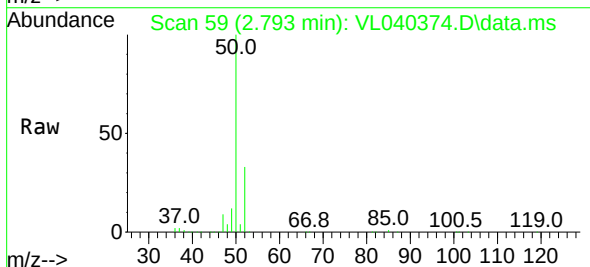
Instrument :
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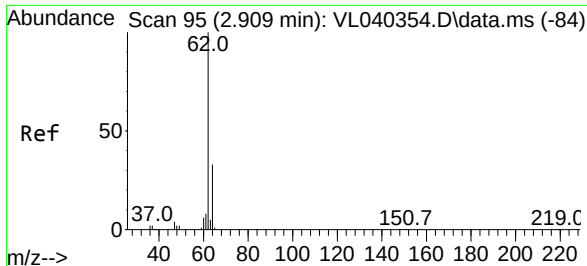
Tgt Ion: 51 Resp: 1437986
Ion Ratio Lower Upper
51 100
67 19.6 15.5 23.3



#4
Chloromethane
Concen: 9.637 ppbv
RT: 2.793 min Scan# 59
Delta R.T. -0.007 min
Lab File: VL040374.D
Acq: 19 Apr 2023 10:43

Tgt Ion: 50 Resp: 938347
Ion Ratio Lower Upper
50 100
52 33.0 25.3 37.9

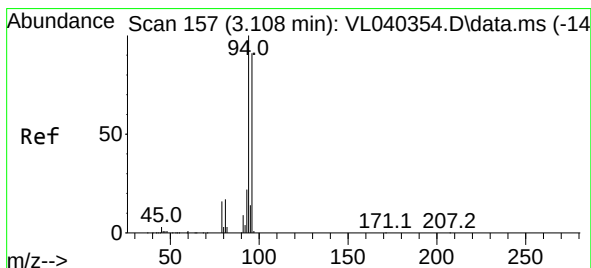
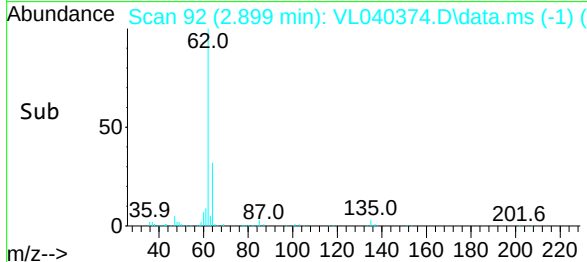
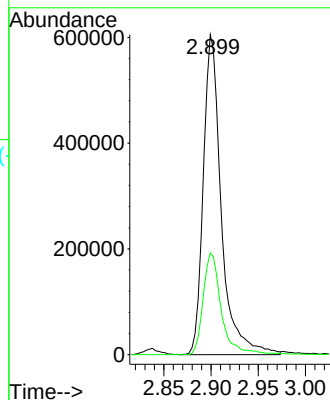
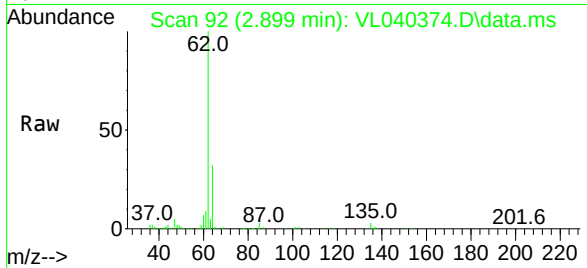




#5
 Vinyl Chloride
 Concen: 9.966 ppbv
 RT: 2.899 min Scan# 91
 Delta R.T. -0.010 min
 Lab File: VL040374.D
 Acq: 19 Apr 2023 10:43

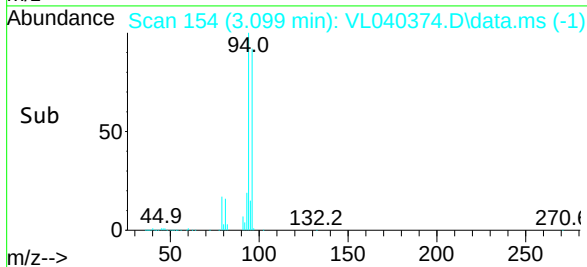
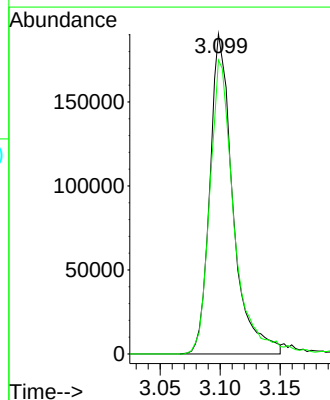
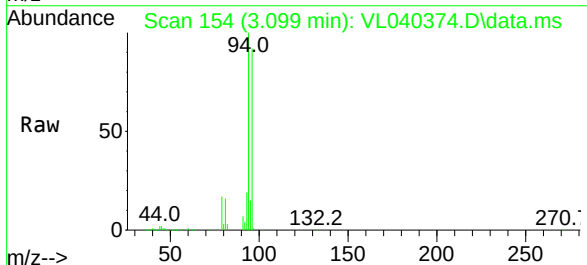
Instrument :
 MSVOA_L
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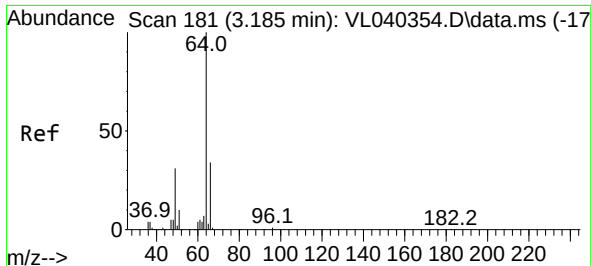
Tgt Ion: 62 Resp: 801047
 Ion Ratio Lower Upper
 62 100
 64 31.8 26.3 39.5



#6
 Bromomethane
 Concen: 9.640 ppbv
 RT: 3.099 min Scan# 154
 Delta R.T. -0.009 min
 Lab File: VL040374.D
 Acq: 19 Apr 2023 10:43

Tgt Ion: 94 Resp: 255286
 Ion Ratio Lower Upper
 94 100
 96 91.8 72.6 108.8

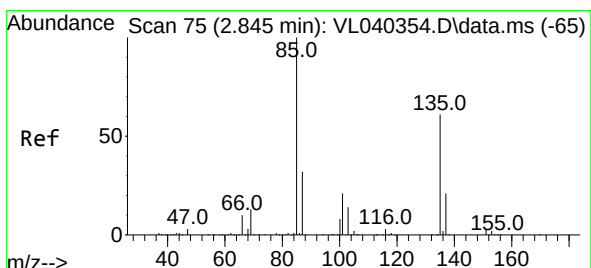
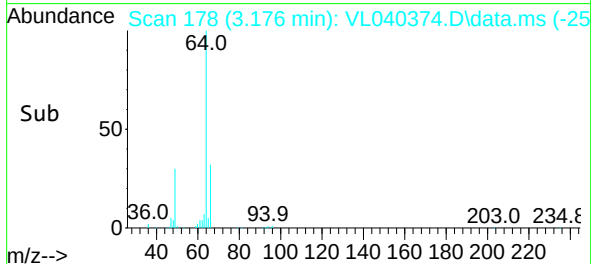
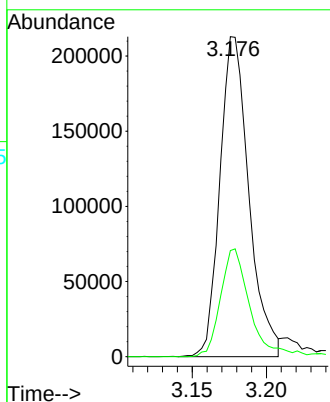
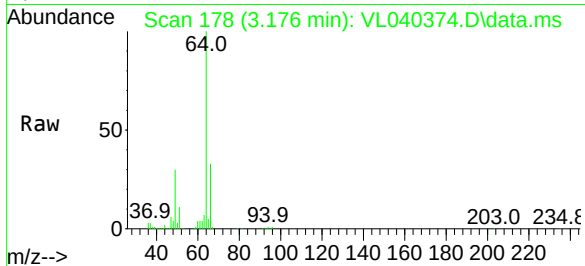




#7
Chloroethane
Concen: 9.504 ppbv
RT: 3.176 min Scan# 11
Delta R.T. -0.009 min
Lab File: VL040374.D
Acq: 19 Apr 2023 10:43

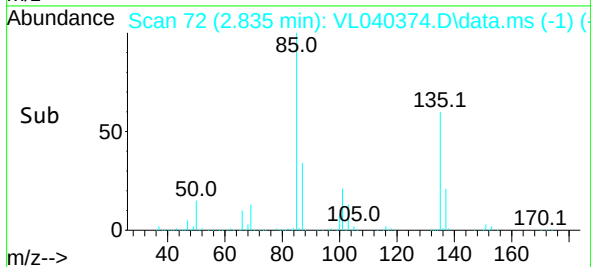
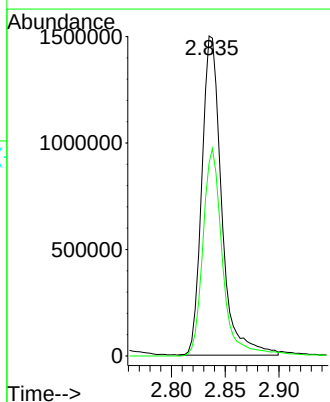
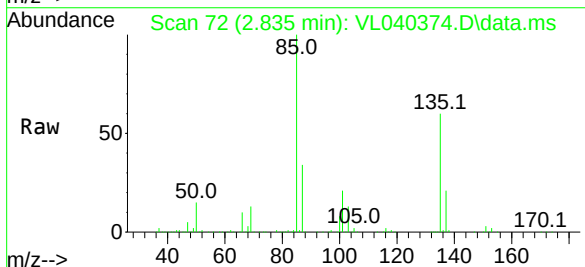
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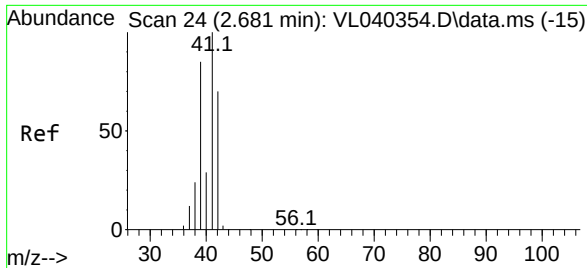
Tgt Ion: 64 Resp: 289255
Ion Ratio Lower Upper
64 100
66 33.1 27.5 41.3



#8
Dichlorotetrafluoroethane
Concen: 9.220 ppbv
RT: 2.835 min Scan# 72
Delta R.T. -0.010 min
Lab File: VL040374.D
Acq: 19 Apr 2023 10:43

Tgt Ion: 85 Resp: 1916328
Ion Ratio Lower Upper
85 100
135 65.3 50.7 76.1

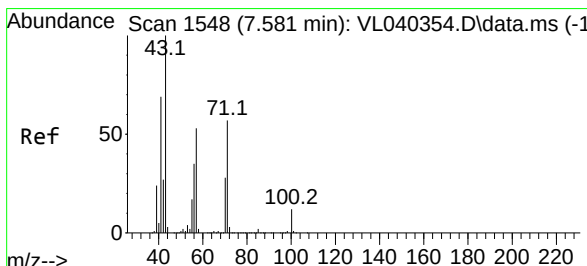
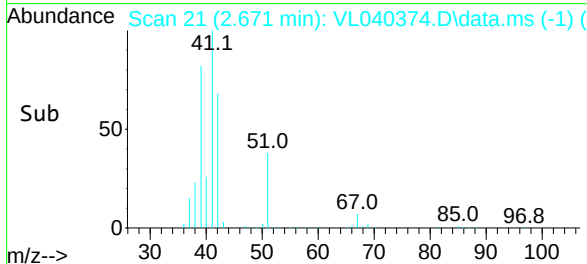
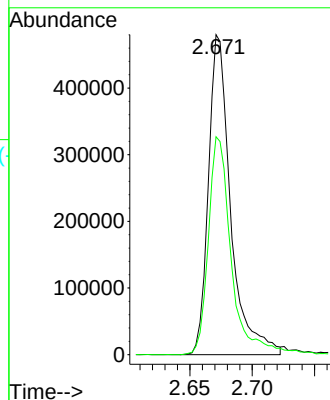
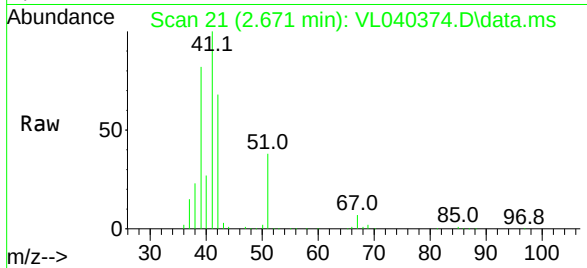




#9
 Propene
 Concen: 9.786 ppbv
 RT: 2.671 min Scan# 21
 Delta R.T. -0.010 min
 Lab File: VL040374.D
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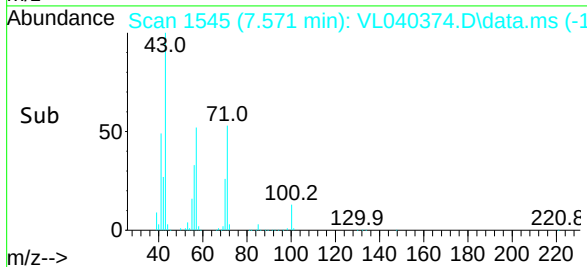
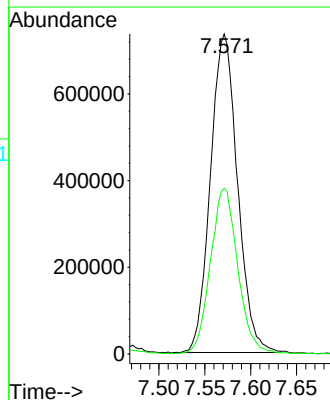
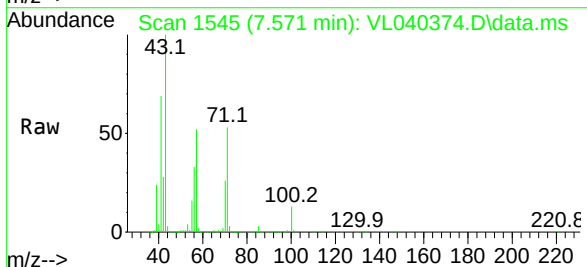
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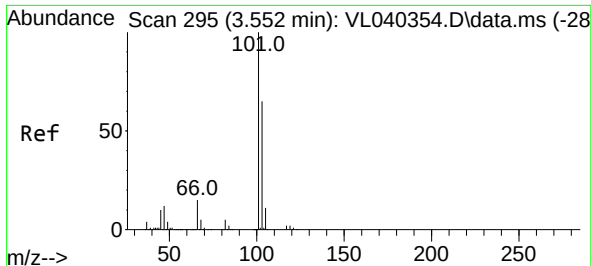
Tgt Ion: 41 Resp: 595960
 Ion Ratio Lower Upper
 41 100
 42 70.9 56.5 84.7



#10
 Heptane
 Concen: 10.897 ppbv
 RT: 7.571 min Scan# 1545
 Delta R.T. -0.010 min
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Tgt Ion: 43 Resp: 1508154
 Ion Ratio Lower Upper
 43 100
 57 52.7 42.2 63.4

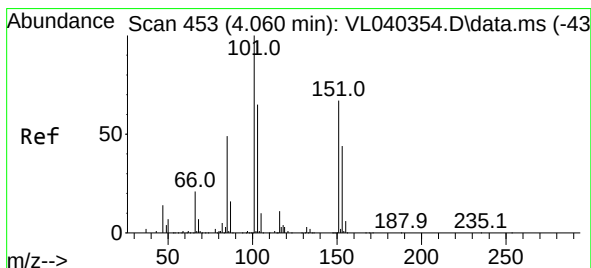
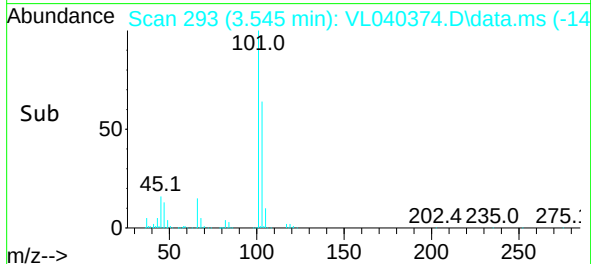
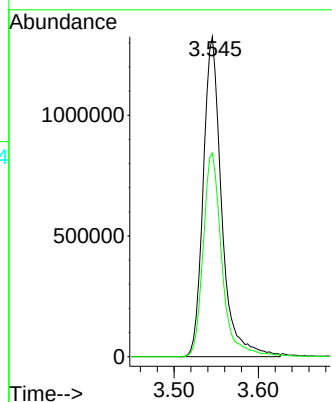
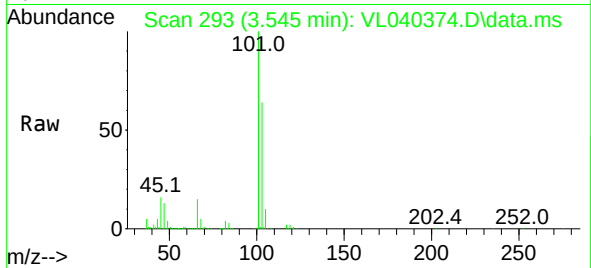




#11
 Trichlorofluoromethane
 Concen: 9.381 ppbv
 RT: 3.545 min Scan# 295
 Delta R.T. -0.007 min
 Lab File: VL040374.D
 Acq: 19 Apr 2023 10:43

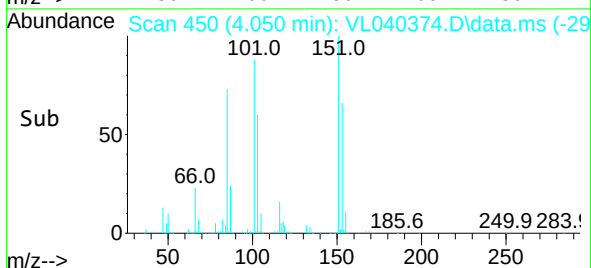
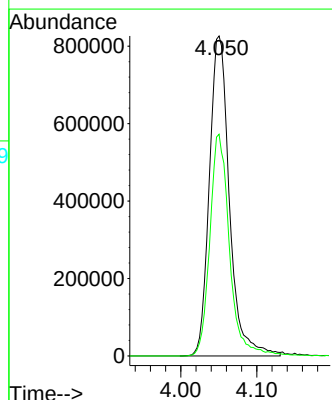
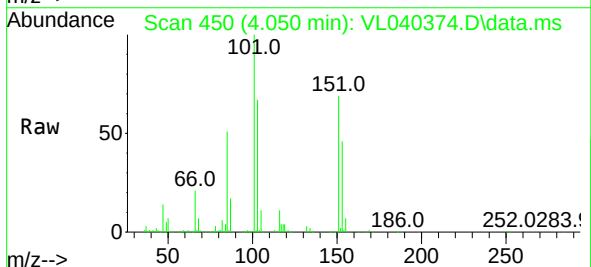
Instrument :
 MSVOA_L
 ClientSampleId :

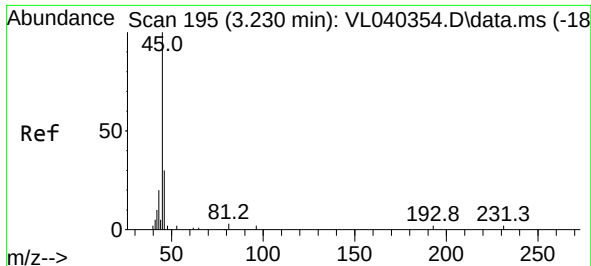
Tgt Ion:101 Resp: 2019798
 Ion Ratio Lower Upper
 101 100
 103 63.7 52.2 78.4



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.043 ppbv
 RT: 4.050 min Scan# 450
 Delta R.T. -0.010 min
 Lab File: VL040374.D
 Acq: 19 Apr 2023 10:43

Tgt Ion:101 Resp: 1512374
 Ion Ratio Lower Upper
 101 100
 151 68.1 54.7 82.1

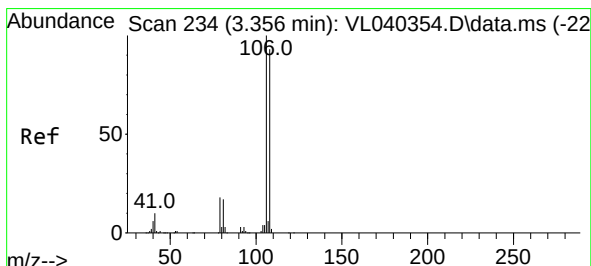
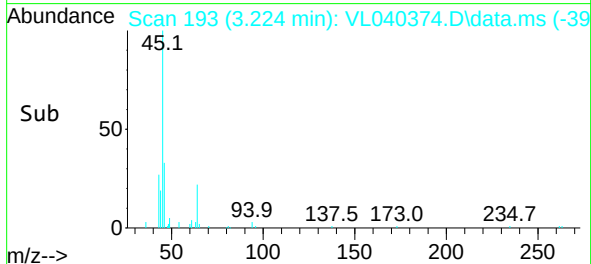
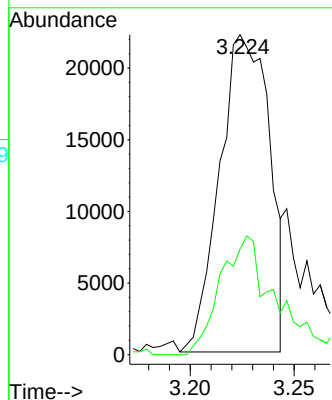
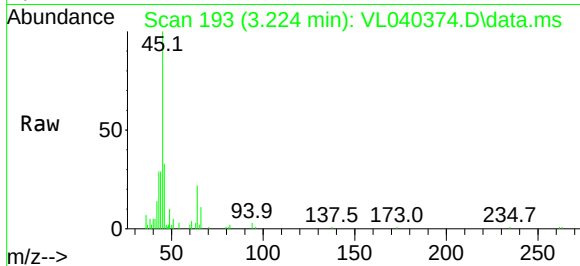




#13
Ethanol
Concen: 7.289 ppbv
RT: 3.224 min Scan# 19
Delta R.T. -0.006 min
Lab File: VL040374.D
Acq: 19 Apr 2023 10:43

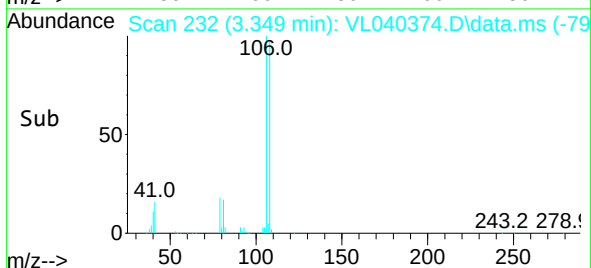
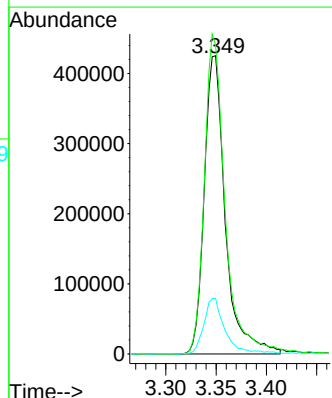
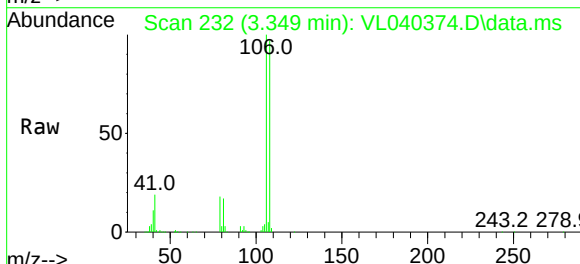
Instrument :
MSVOA_L
ClientSampleId :

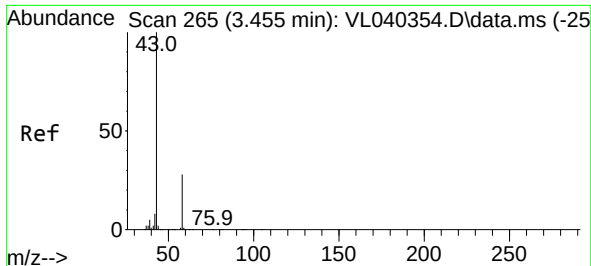
Tgt Ion: 45 Resp: 37055
Ion Ratio Lower Upper
45 100
46 47.5 15.3 61.3



#14
Bromoethene
Concen: 10.056 ppbv
RT: 3.349 min Scan# 232
Delta R.T. -0.007 min
Lab File: VL040374.D
Acq: 19 Apr 2023 10:43

Tgt Ion:108 Resp: 619243
Ion Ratio Lower Upper
108 100
106 107.1 88.3 132.5
79 18.8 16.1 24.1

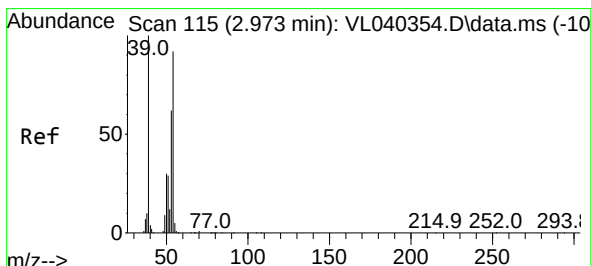
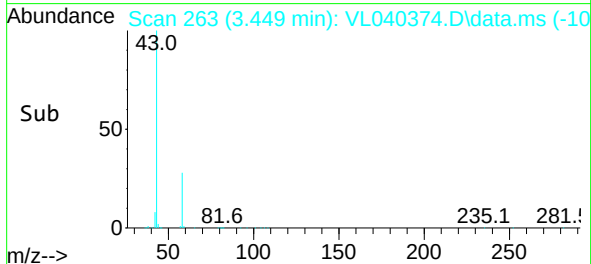
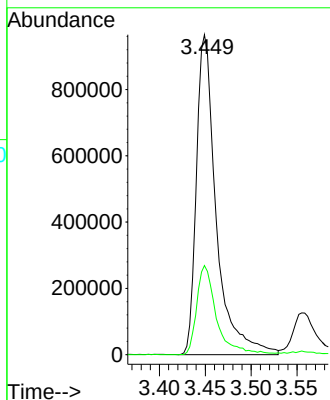
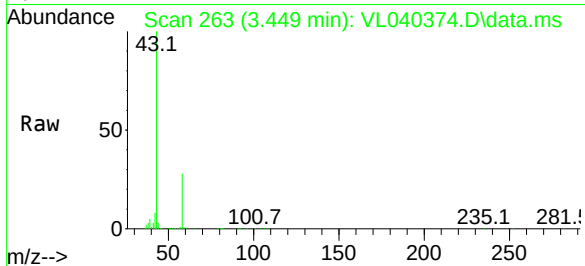




#15
Acetone
Concen: 8.700 ppbv
RT: 3.449 min Scan# 20
Delta R.T. -0.006 min
Lab File: VL040374.D
Acq: 19 Apr 2023 10:43

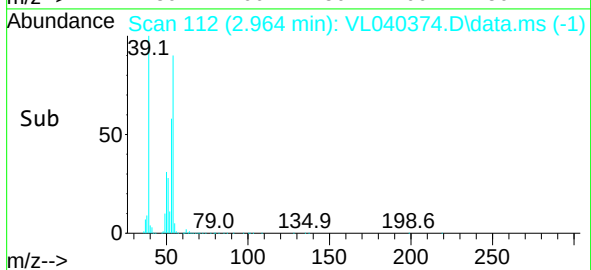
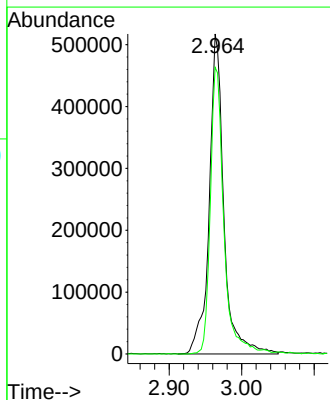
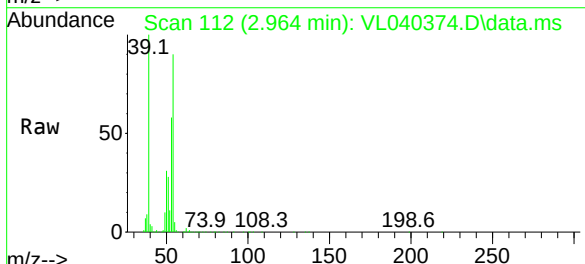
Instrument :
MSVOA_L
ClientSampleId :

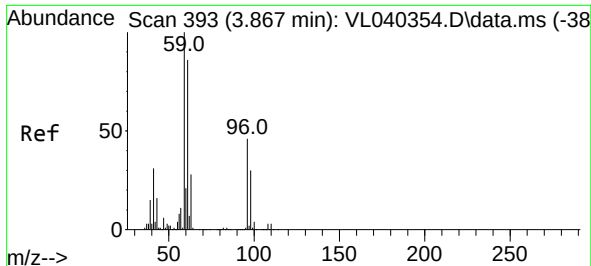
Tgt Ion: 43 Resp: 1453581
Ion Ratio Lower Upper
43 100
58 28.1 22.2 33.2



#16
1,3-Butadiene
Concen: 10.505 ppbv
RT: 2.964 min Scan# 112
Delta R.T. -0.009 min
Lab File: VL040374.D
Acq: 19 Apr 2023 10:43

Tgt Ion: 39 Resp: 726371
Ion Ratio Lower Upper
39 100
54 83.5 68.8 103.2





#17

tert-Butyl alcohol

Concen: 10.450 ppbv

RT: 3.857 min Scan# 393

Delta R.T. -0.010 min

Lab File: VL040374.D

Acq: 19 Apr 2023 10:43

Instrument :

MSVOA_L

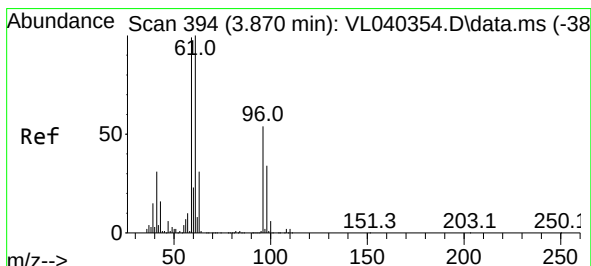
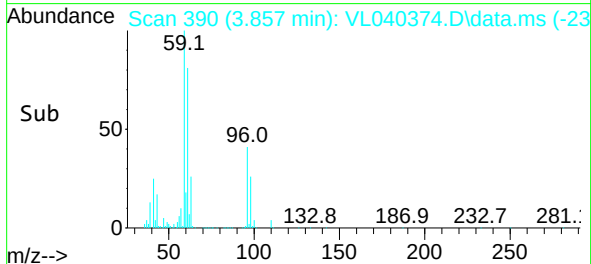
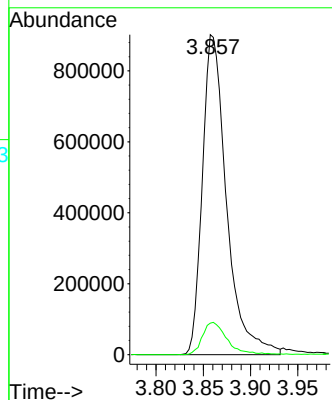
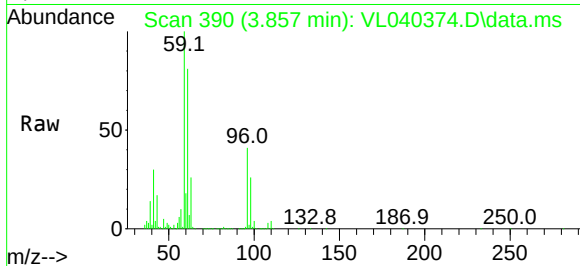
ClientSampleId :

Tgt Ion: 59 Resp: 1603338

Ion Ratio Lower Upper

59 100

57 10.5 8.5 12.7



#18

1,1-Dichloroethene

Concen: 10.179 ppbv

RT: 3.864 min Scan# 392

Delta R.T. -0.006 min

Lab File: VL040374.D

Acq: 19 Apr 2023 10:43

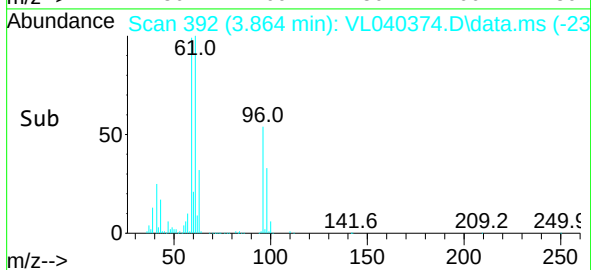
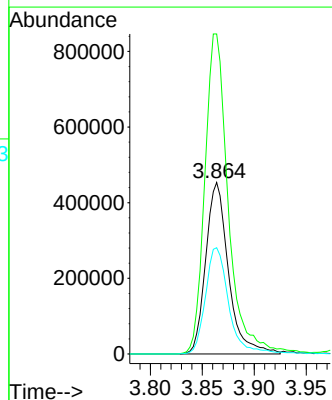
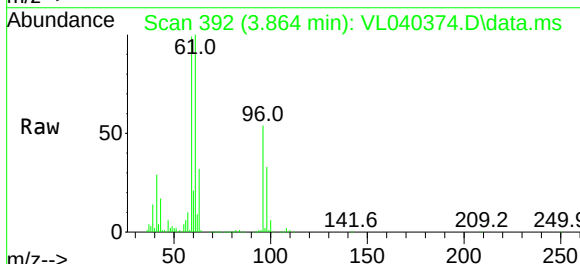
Tgt Ion: 96 Resp: 691360

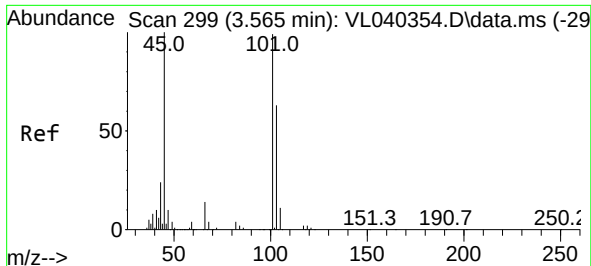
Ion Ratio Lower Upper

96 100

61 186.4 148.3 222.5

98 61.9 49.8 74.8

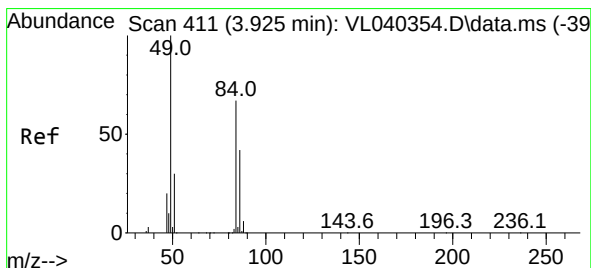
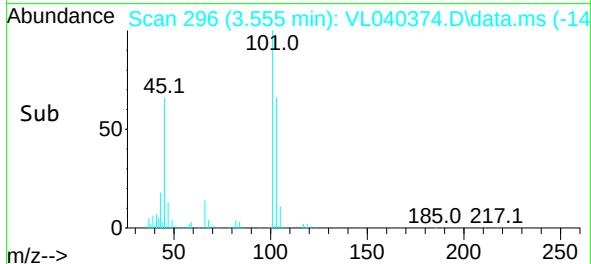
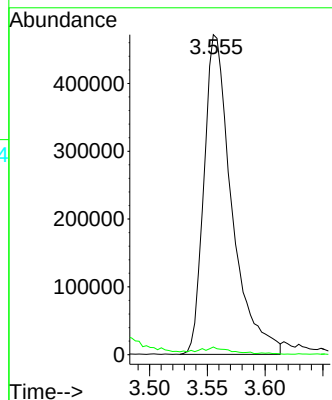
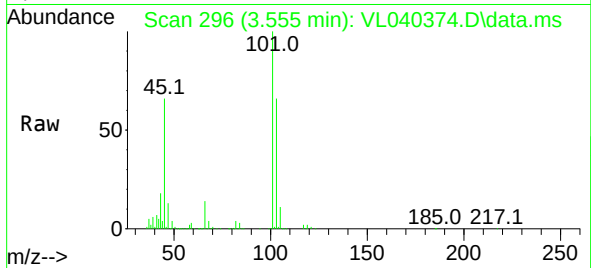




#19
Isopropyl Alcohol
Concen: 10.323 ppbv
RT: 3.555 min Scan# 299
Delta R.T. -0.010 min
Lab File: VL040374.D
Acq: 19 Apr 2023 10:43

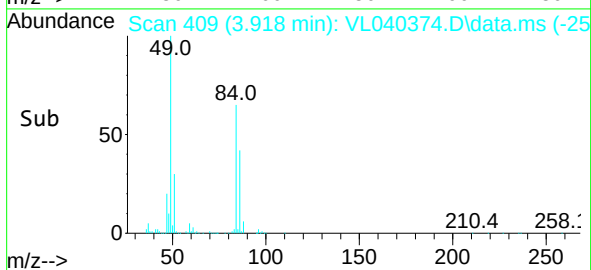
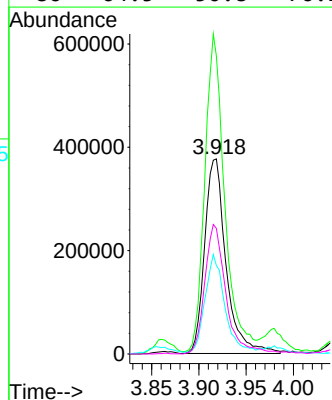
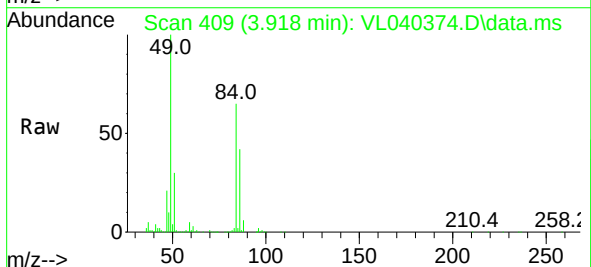
Instrument :
MSVOA_L
ClientSampleId :

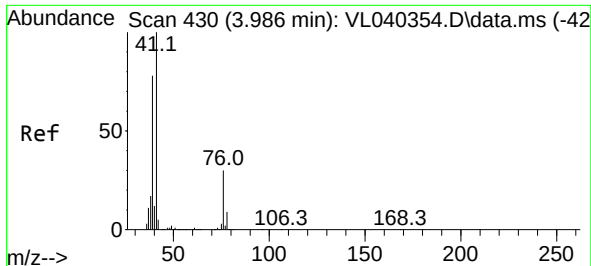
Tgt Ion: 45 Resp: 787025
Ion Ratio Lower Upper
45 100
58 3.2 2.6 4.0



#20
Methylene Chloride
Concen: 8.928 ppbv
RT: 3.918 min Scan# 409
Delta R.T. -0.007 min
Lab File: VL040374.D
Acq: 19 Apr 2023 10:43

Tgt Ion: 84 Resp: 595574
Ion Ratio Lower Upper
84 100
49 151.6 120.1 180.1
51 44.1 36.3 54.5
86 64.5 50.8 76.2

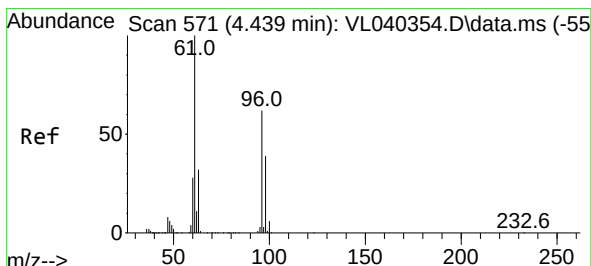
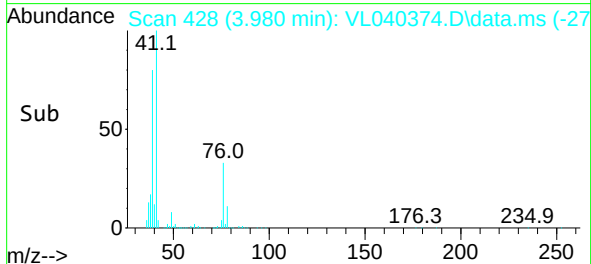
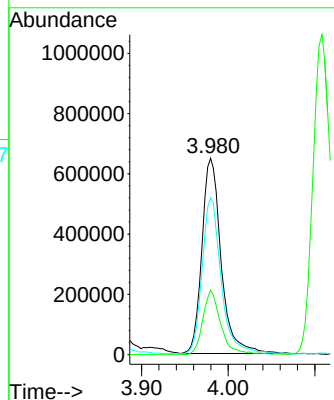
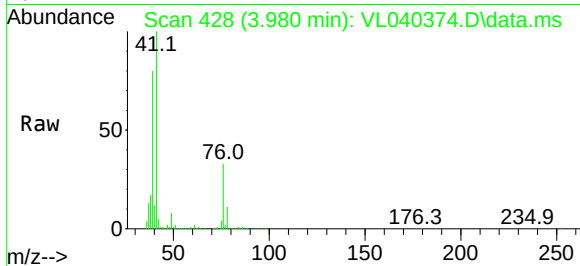




#21
 Allyl Chloride
 Concen: 10.529 ppbv
 RT: 3.980 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VL040374.D
 Acq: 19 Apr 2023 10:43

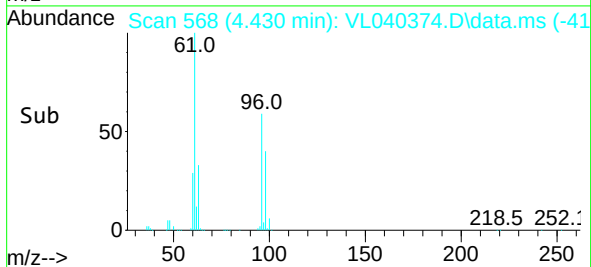
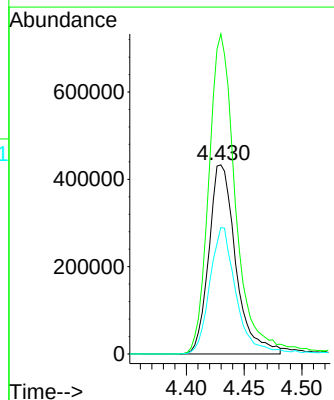
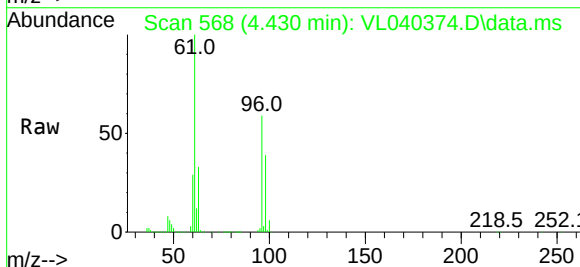
Instrument :
 MSVOA_L
 ClientSampleId :

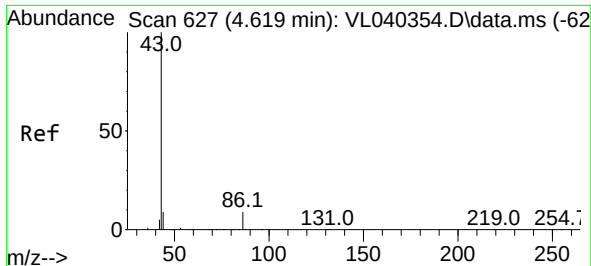
Tgt Ion: 41 Resp: 999600
 Ion Ratio Lower Upper
 41 100
 76 31.2 25.5 38.3
 39 80.2 64.0 96.0



#22
 trans-1,2-Dichloroethene
 Concen: 10.371 ppbv
 RT: 4.430 min Scan# 568
 Delta R.T. -0.009 min
 Lab File: VL040374.D
 Acq: 19 Apr 2023 10:43

Tgt Ion: 96 Resp: 704207
 Ion Ratio Lower Upper
 96 100
 61 169.1 129.4 194.2
 98 66.8 51.0 76.4

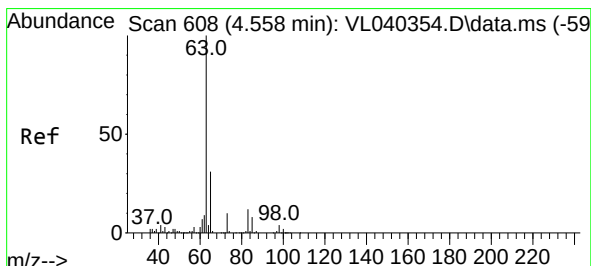
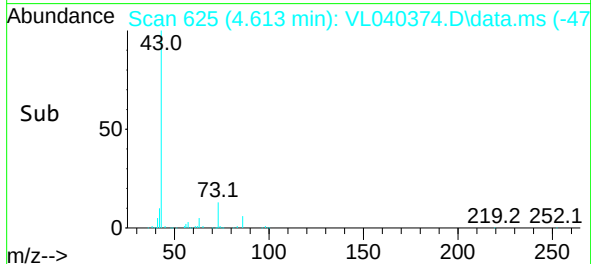
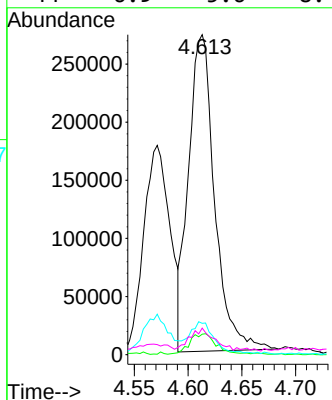
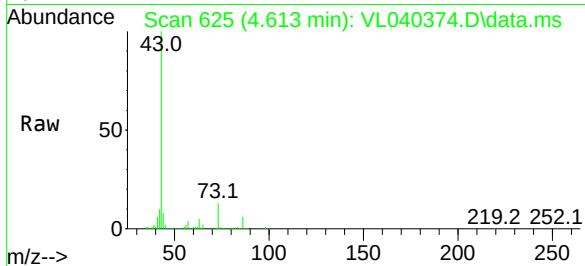




#23
 Vinyl Acetate
 Concen: 10.823 ppbv
 RT: 4.613 min Scan# 61
 Delta R.T. -0.006 min
 Lab File: VL040374.D
 Acq: 19 Apr 2023 10:43

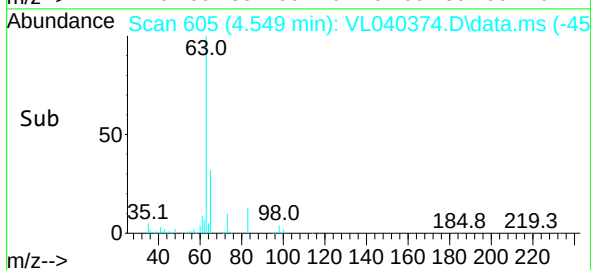
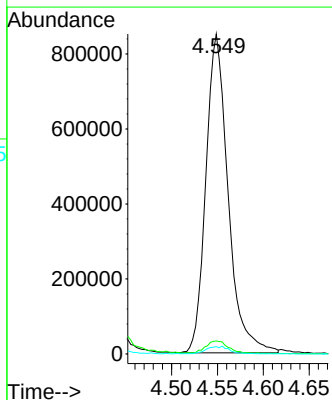
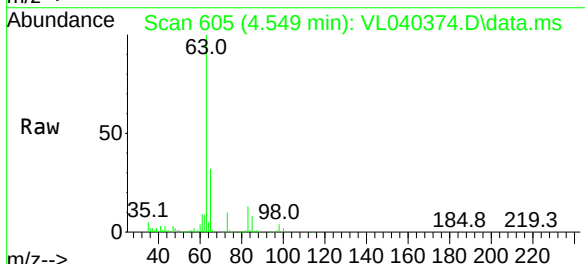
Instrument :
 MSVOA_L
 ClientSampleId :

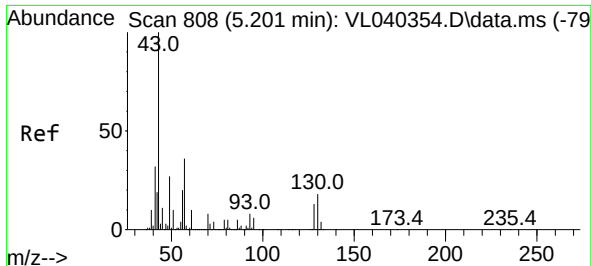
Tgt Ion: 43 Resp: 460388
 Ion Ratio Lower Upper
 43 100
 86 6.3 6.0 9.0
 42 9.7 6.4 9.6#
 44 6.9 5.6 8.4



#24
 1,1-Dichloroethane
 Concen: 10.141 ppbv
 RT: 4.549 min Scan# 605
 Delta R.T. -0.009 min
 Lab File: VL040374.D
 Acq: 19 Apr 2023 10:43

Tgt Ion: 63 Resp: 1435749
 Ion Ratio Lower Upper
 63 100
 98 3.9 2.1 6.2
 100 2.2 1.2 3.6





#25

Ethyl Acetate

Concen: 9.985 ppbv

RT: 5.189 min Scan# 80

Delta R.T. -0.012 min

Lab File: VL040374.D

Acq: 19 Apr 2023 10:43

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 43 Resp: 2807201

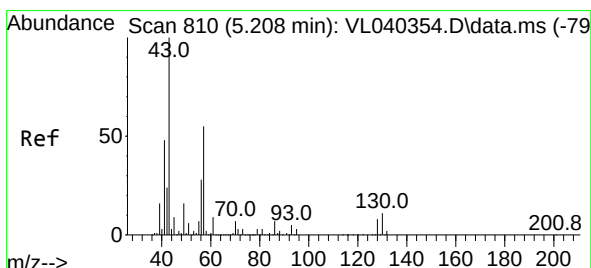
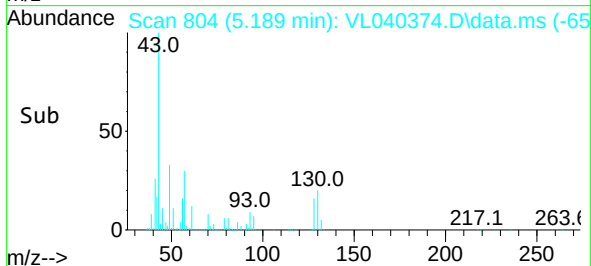
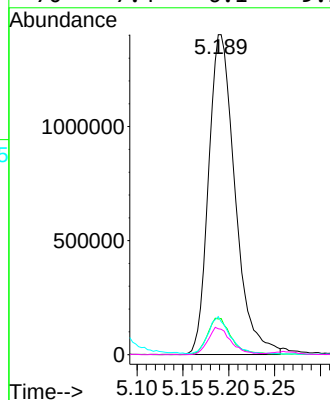
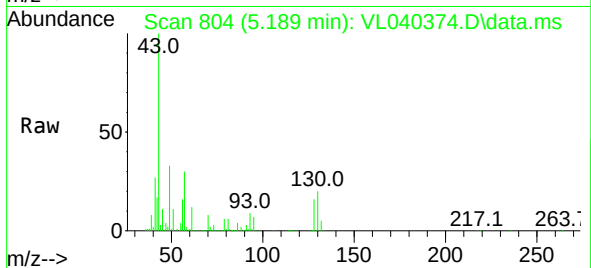
Ion Ratio Lower Upper

43 100

45 10.6 8.5 12.7

61 10.2 8.5 12.7

70 7.4 6.1 9.1



#26

Hexane

Concen: 10.088 ppbv

RT: 5.198 min Scan# 807

Delta R.T. -0.010 min

Lab File: VL040374.D

Acq: 19 Apr 2023 10:43

Tgt Ion: 57 Resp: 1195620

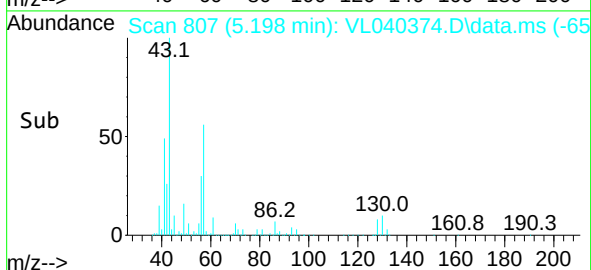
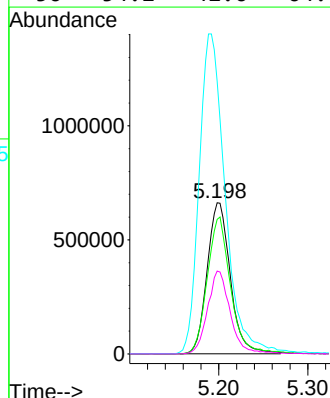
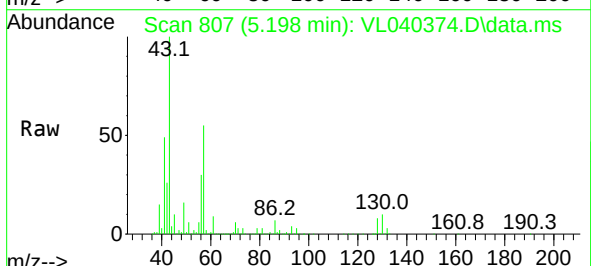
Ion Ratio Lower Upper

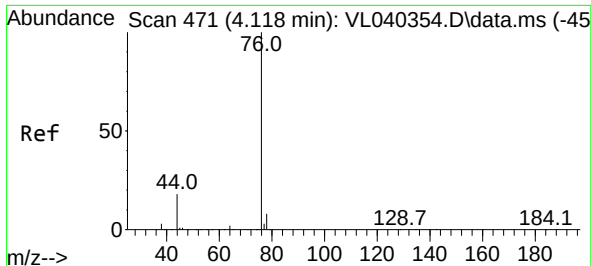
57 100

41 92.6 74.8 112.2

43 238.6 192.7 289.1

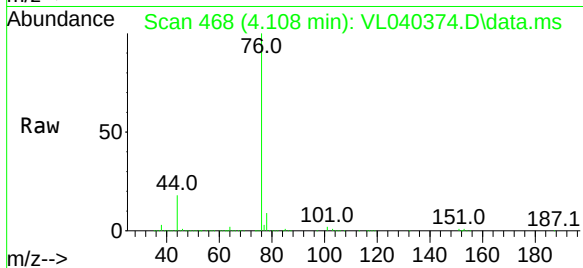
56 54.2 42.6 64.0





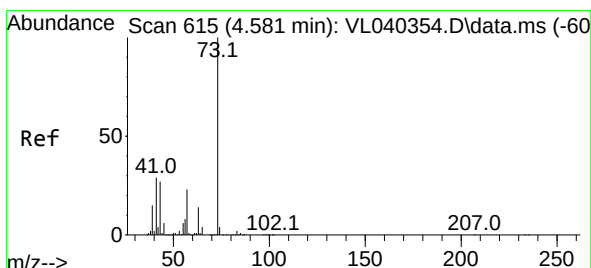
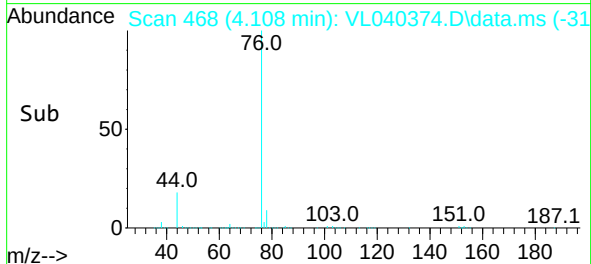
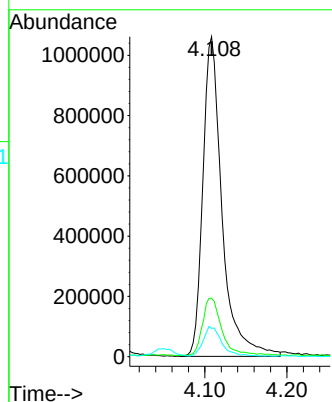
#27
Carbon Disulfide
Concen: 11.231 ppbv
RT: 4.108 min Scan# 41
Delta R.T. -0.010 min
Lab File: VL040374.D
Acq: 19 Apr 2023 10:43

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion: 76 Resp: 1722700

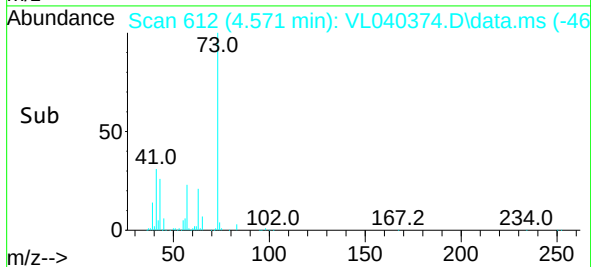
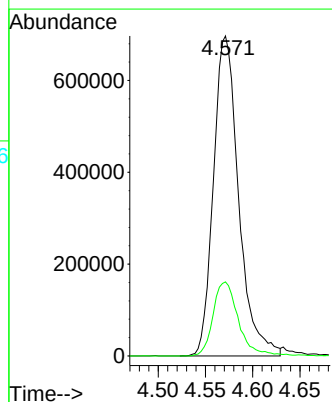
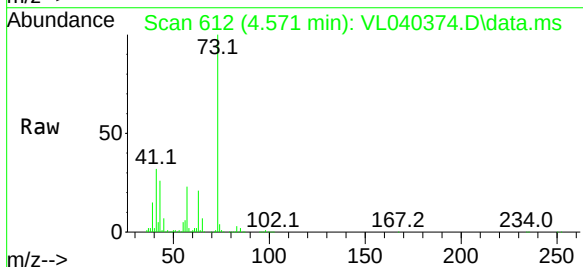
Ion	Ratio	Lower	Upper
76	100		
44	18.2	14.7	22.1
78	9.7	7.7	11.5

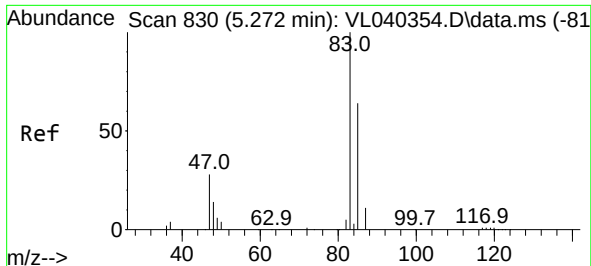


#28
Methyl tert-Butyl Ether
Concen: 10.557 ppbv
RT: 4.571 min Scan# 612
Delta R.T. -0.010 min
Lab File: VL040374.D
Acq: 19 Apr 2023 10:43

Tgt Ion: 73 Resp: 1291603

Ion	Ratio	Lower	Upper
73	100		
57	23.5	18.6	27.8





#29

Chloroform

Concen: 9.715 ppbv

RT: 5.262 min Scan# 81

Delta R.T. -0.010 min

Lab File: VL040374.D

Acq: 19 Apr 2023 10:43

Instrument :

MSVOA_L

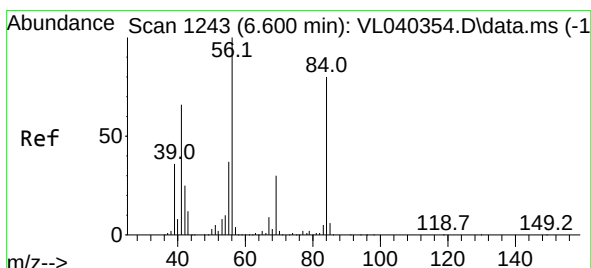
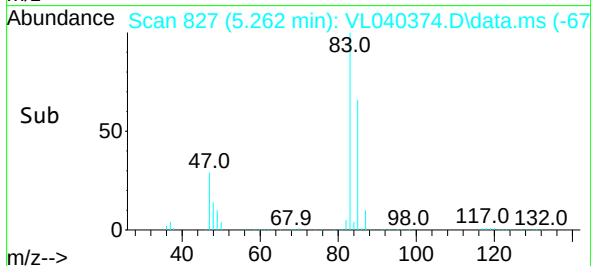
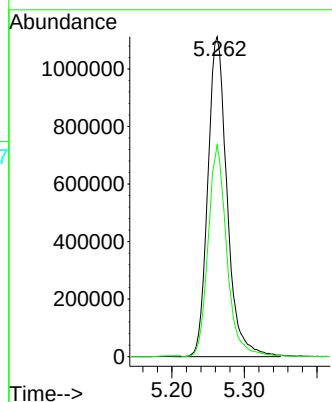
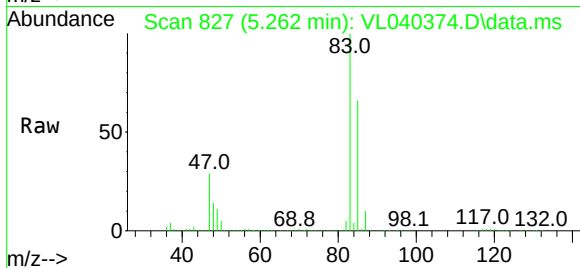
ClientSampleId :

Tgt Ion: 83 Resp: 2051137

Ion Ratio Lower Upper

83 100

85 65.9 51.0 76.4



#30

Cyclohexane

Concen: 10.914 ppbv

RT: 6.590 min Scan# 1240

Delta R.T. -0.010 min

Lab File: VL040374.D

Acq: 19 Apr 2023 10:43

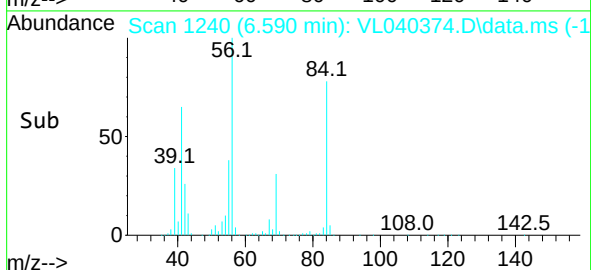
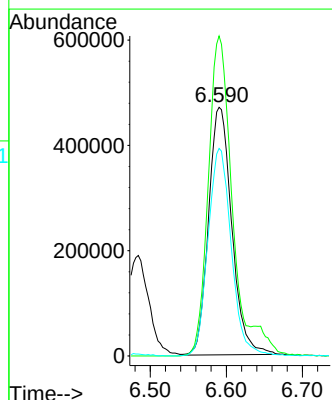
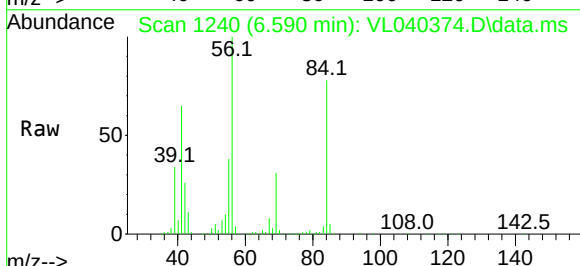
Tgt Ion: 84 Resp: 1001811

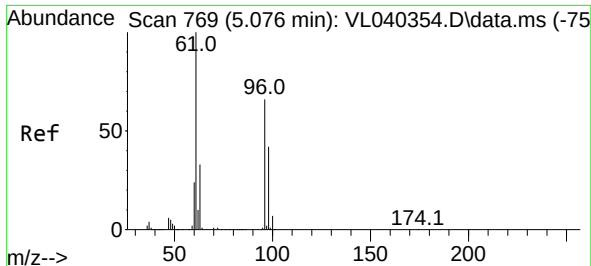
Ion Ratio Lower Upper

84 100

56 135.2 107.0 160.6

41 84.0 66.7 100.1

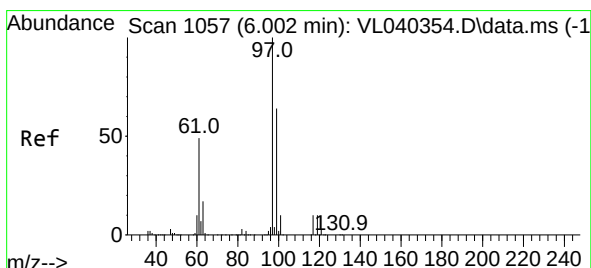
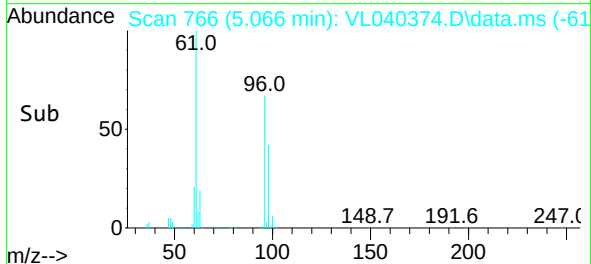
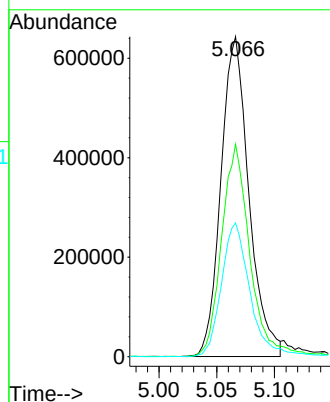
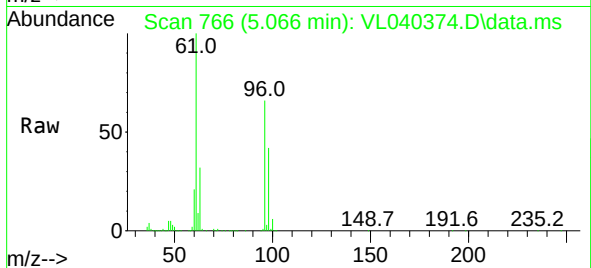




#31
 cis-1,2-Dichloroethene
 Concen: 9.230 ppbv
 RT: 5.066 min Scan# 769
 Delta R.T. -0.010 min
 Lab File: VL040374.D
 Acq: 19 Apr 2023 10:43

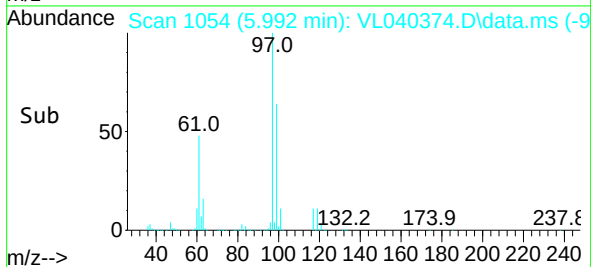
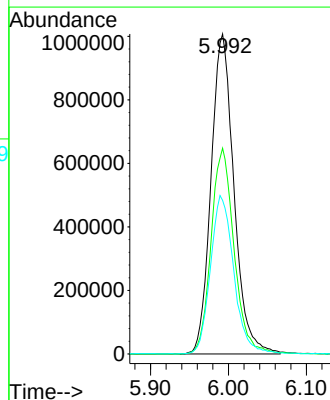
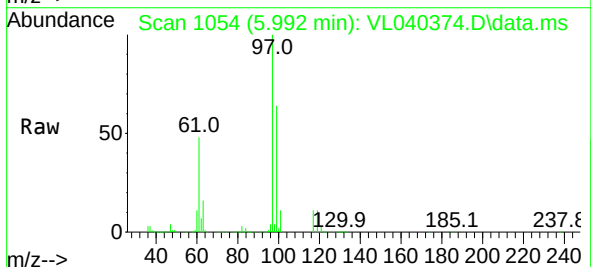
Instrument :
 MSVOA_L
 ClientSampleId :

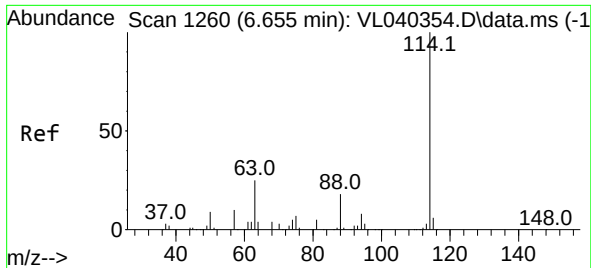
Tgt Ion: 61 Resp: 1084357
 Ion Ratio Lower Upper
 61 100
 96 66.4 53.0 79.4
 98 41.8 33.8 50.8



#32
 1,1,1-Trichloroethane
 Concen: 10.056 ppbv
 RT: 5.992 min Scan# 1054
 Delta R.T. -0.010 min
 Lab File: VL040374.D
 Acq: 19 Apr 2023 10:43

Tgt Ion: 97 Resp: 2062947
 Ion Ratio Lower Upper
 97 100
 99 64.6 51.8 77.8
 61 50.4 40.4 60.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.645 min Scan# 11

Delta R.T. -0.010 min

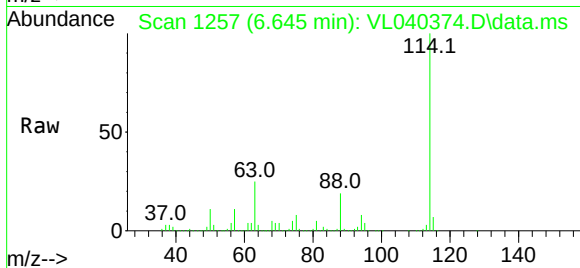
Lab File: VL040374.D

Acq: 19 Apr 2023 10:43

Instrument :

MSVOA_L

ClientSampleId :



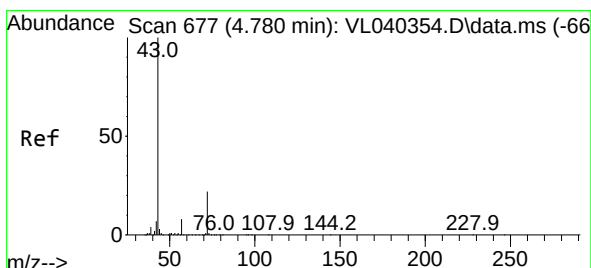
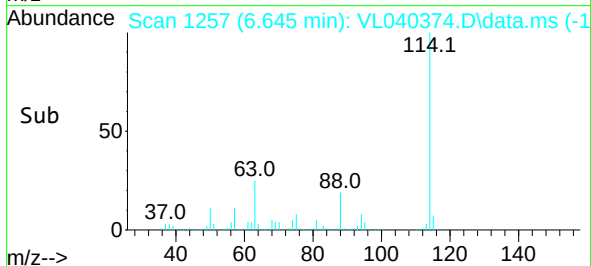
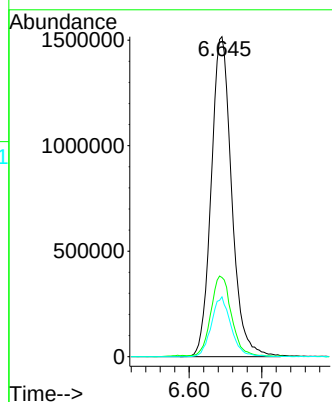
Tgt Ion:114 Resp: 2971834

Ion Ratio Lower Upper

114 100

63 25.9 21.4 32.0

88 18.0 14.6 22.0



#34

2-Butanone

Concen: 9.843 ppbv

RT: 4.771 min Scan# 674

Delta R.T. -0.009 min

Lab File: VL040374.D

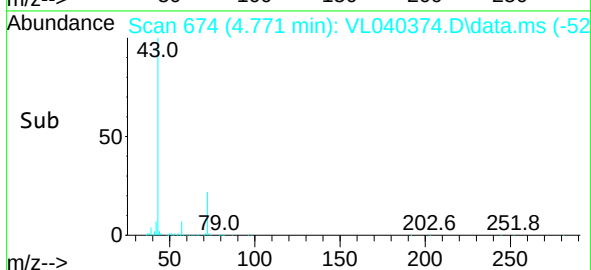
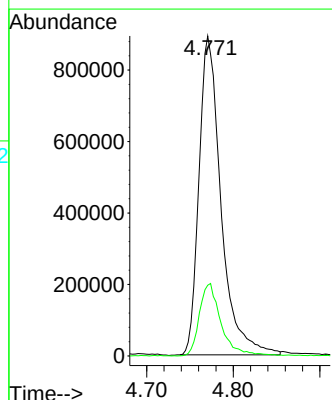
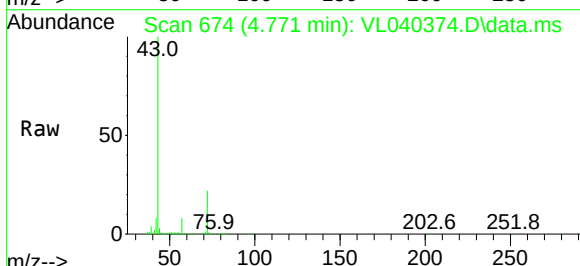
Acq: 19 Apr 2023 10:43

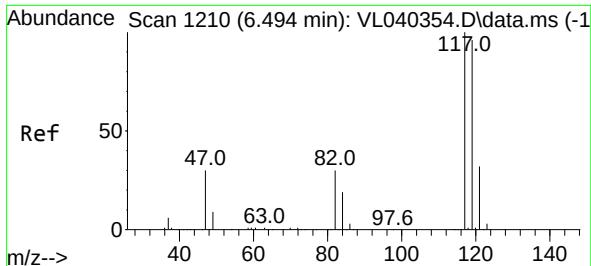
Tgt Ion: 43 Resp: 1577297

Ion Ratio Lower Upper

43 100

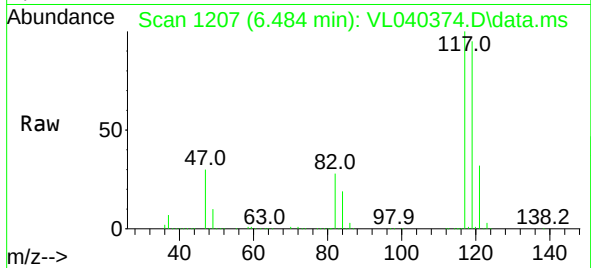
72 22.6 18.4 27.6





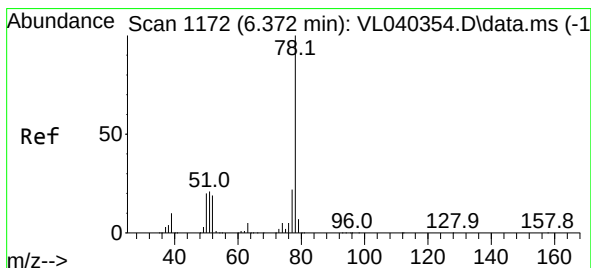
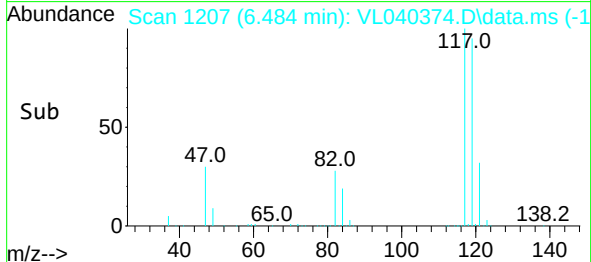
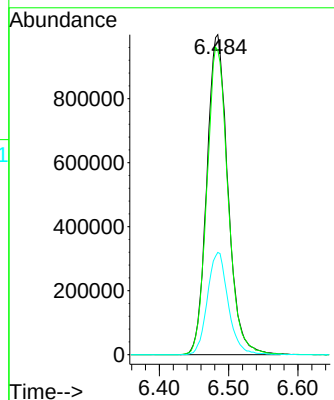
#35
Carbon Tetrachloride
Concen: 10.079 ppbv
RT: 6.484 min Scan# 1168
Delta R.T. -0.010 min
Lab File: VL040374.D
Acq: 19 Apr 2023 10:43

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion: 117 Resp: 2108434

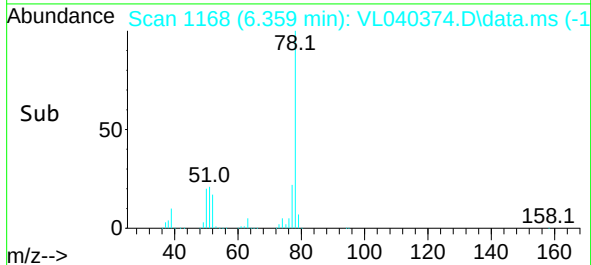
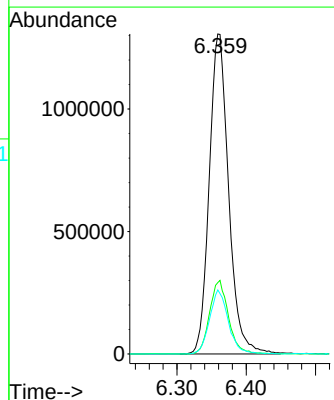
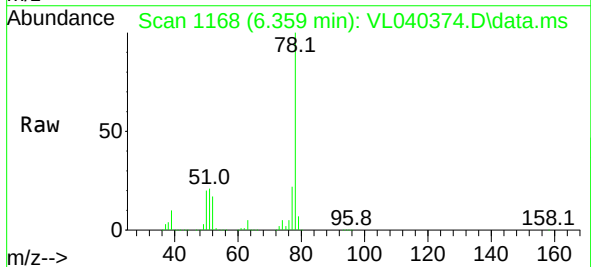
Ion	Ratio	Lower	Upper
117	100		
119	95.1	76.6	114.8
121	32.0	25.3	37.9

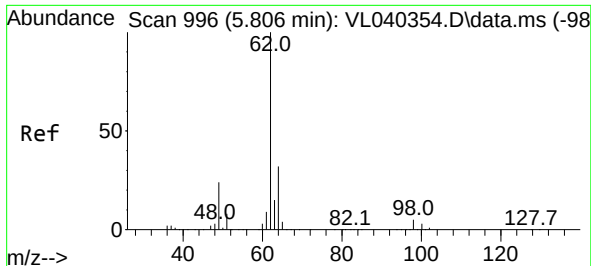


#36
Benzene
Concen: 10.446 ppbv
RT: 6.359 min Scan# 1168
Delta R.T. -0.013 min
Lab File: VL040374.D
Acq: 19 Apr 2023 10:43

Tgt Ion: 78 Resp: 2532872

Ion	Ratio	Lower	Upper
78	100		
77	22.3	17.8	26.8
50	20.0	15.6	23.4

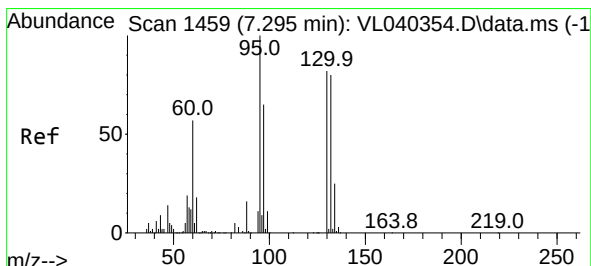
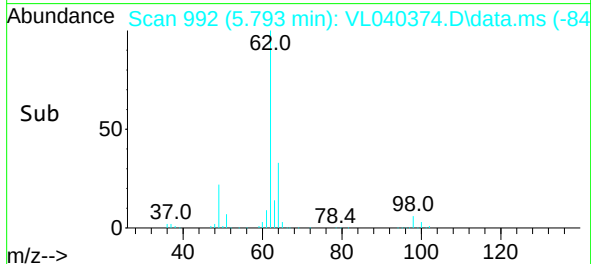
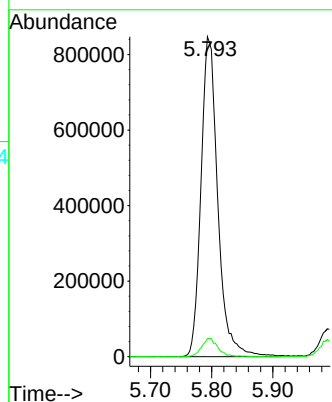
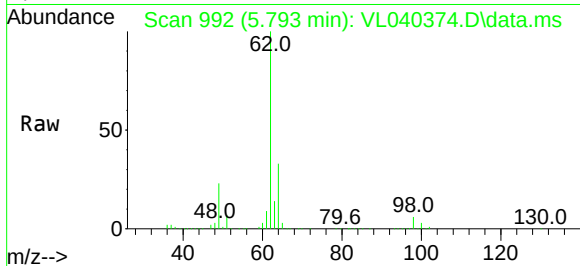




#37
1,2-Dichloroethane
Concen: 10.138 ppbv
RT: 5.793 min Scan# 996
Delta R.T. -0.013 min
Lab File: VL040374.D
Acq: 19 Apr 2023 10:43

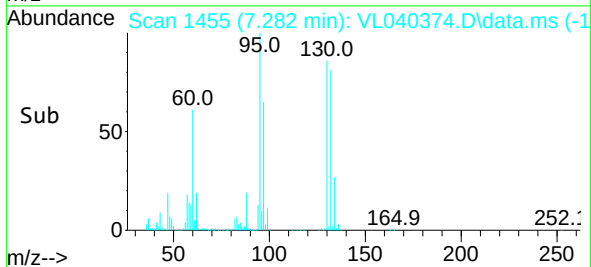
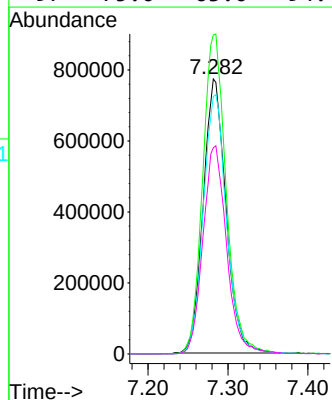
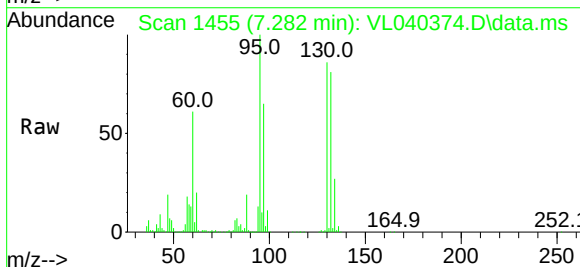
Instrument :
MSVOA_L
ClientSampleId :

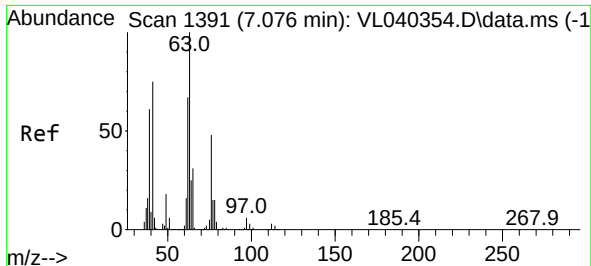
Tgt Ion: 62 Resp: 1614586
Ion Ratio Lower Upper
62 100
98 5.7 4.4 6.6



#38
Trichloroethene
Concen: 11.055 ppbv
RT: 7.282 min Scan# 1455
Delta R.T. -0.013 min
Lab File: VL040374.D
Acq: 19 Apr 2023 10:43

Tgt Ion:130 Resp: 1525525
Ion Ratio Lower Upper
130 100
95 116.0 97.4 146.0
132 93.6 77.5 116.3
97 75.0 63.0 94.4





#39

1,2-Dichloropropane

Concen: 10.335 ppbv

RT: 7.066 min Scan# 11

Delta R.T. -0.010 min

Lab File: VL040374.D

Acq: 19 Apr 2023 10:43

Instrument :

MSVOA_L

ClientSampleId :

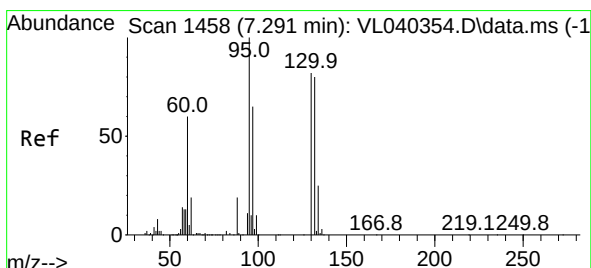
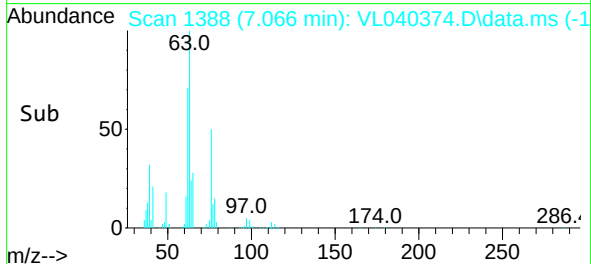
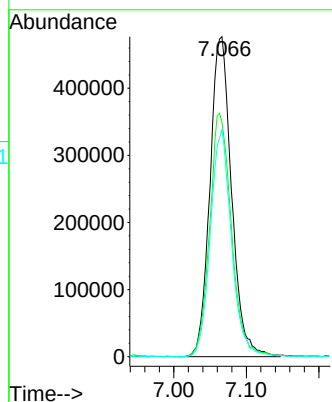
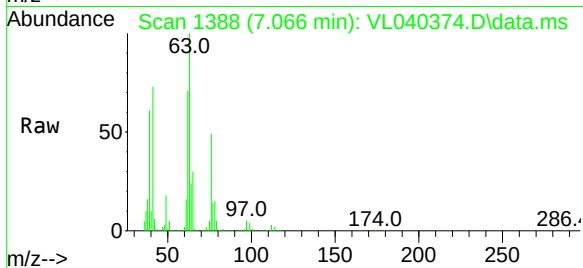
Tgt Ion: 63 Resp: 986022

Ion Ratio Lower Upper

63 100

41 73.3 59.6 89.4

62 70.8 53.9 80.9



#40

1,4-Dioxane

Concen: 10.827 ppbv

RT: 7.282 min Scan# 1455

Delta R.T. -0.009 min

Lab File: VL040374.D

Acq: 19 Apr 2023 10:43

Tgt Ion: 88 Resp: 395599

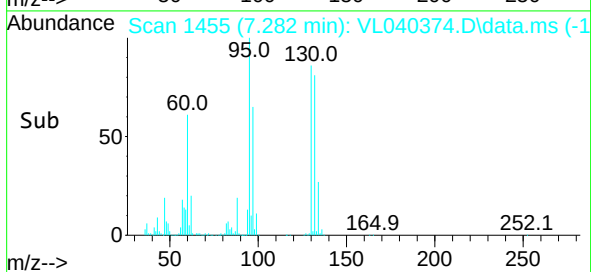
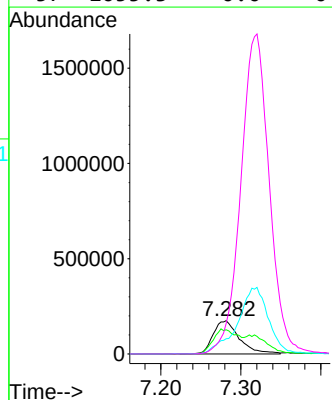
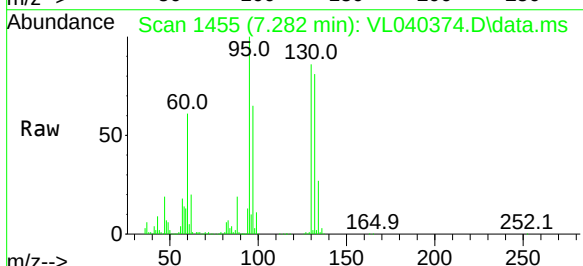
Ion Ratio Lower Upper

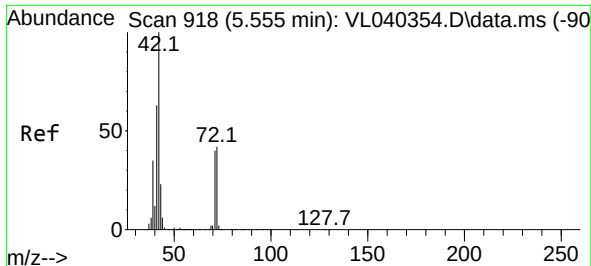
88 100

58 120.9 100.8 151.2

43 239.9 0.0 0.0#

57 1055.3 0.0 0.0#





#41

Tetrahydrofuran

Concen: 11.043 ppbv

RT: 5.545 min Scan# 918

Delta R.T. -0.010 min

Lab File: VL040374.D

Acq: 19 Apr 2023 10:43

Instrument :

MSVOA_L

ClientSampleId :

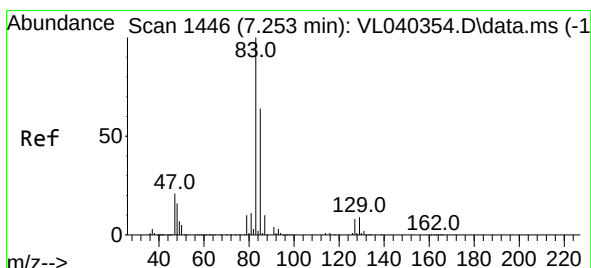
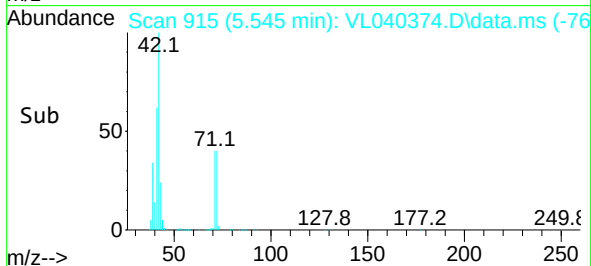
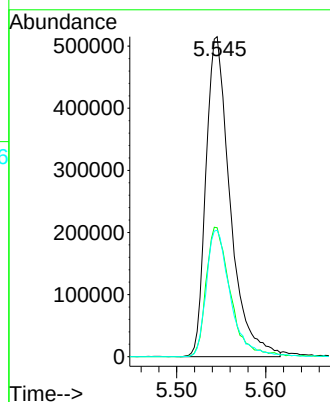
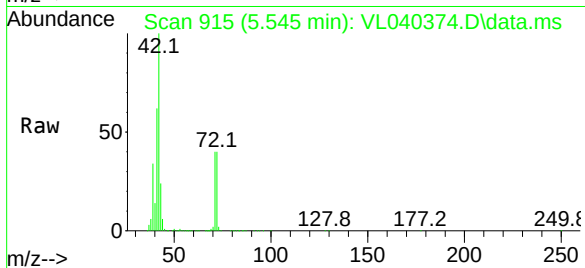
Tgt Ion: 42 Resp: 969141

Ion Ratio Lower Upper

42 100

72 41.0 33.7 50.5

71 39.7 32.2 48.2



#42

Bromodichloromethane

Concen: 10.463 ppbv

RT: 7.243 min Scan# 1443

Delta R.T. -0.010 min

Lab File: VL040374.D

Acq: 19 Apr 2023 10:43

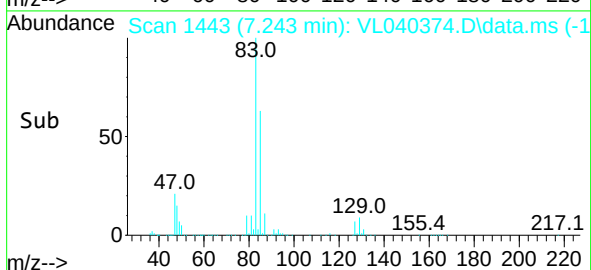
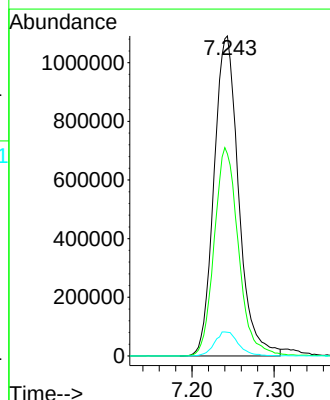
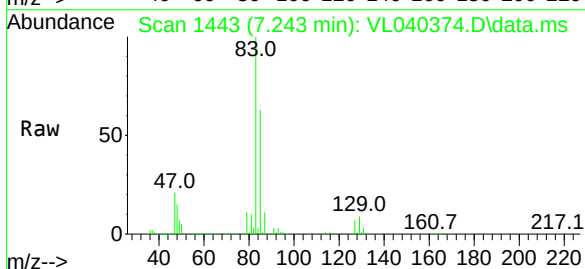
Tgt Ion: 83 Resp: 2275620

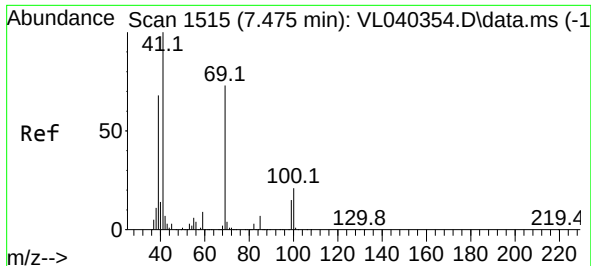
Ion Ratio Lower Upper

83 100

85 63.1 50.9 76.3

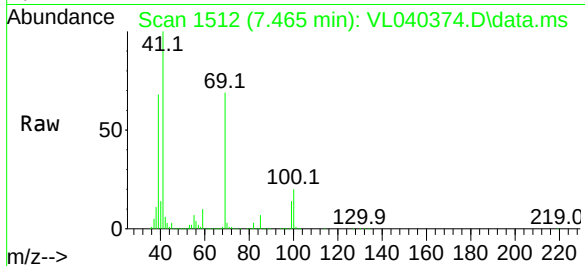
127 7.4 6.4 9.6





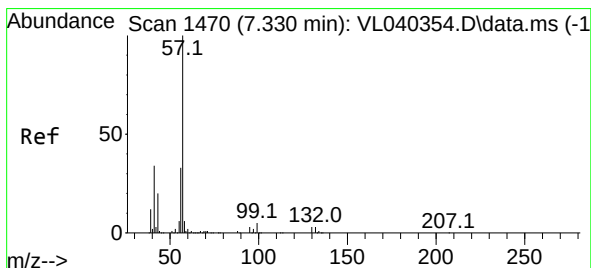
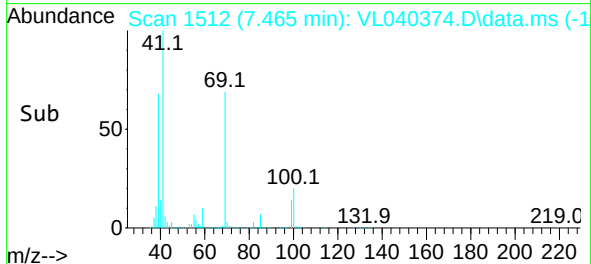
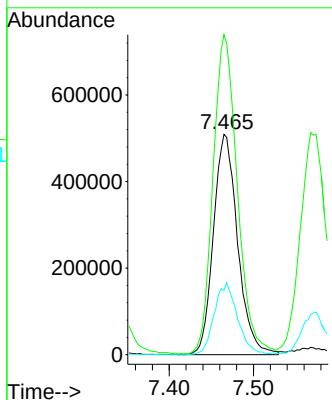
#43
Methyl Methacrylate
Concen: 11.266 ppbv
RT: 7.465 min Scan# 11
Delta R.T. -0.010 min
Lab File: VL040374.D
Acq: 19 Apr 2023 10:43

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion: 69 Resp: 1014567

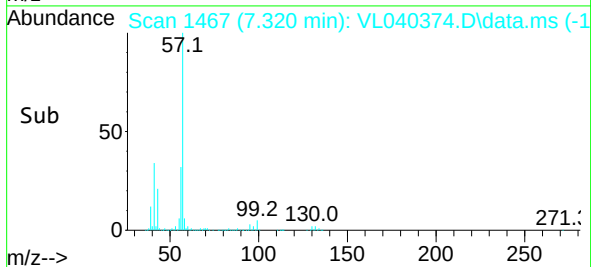
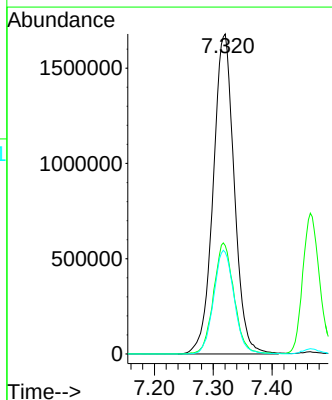
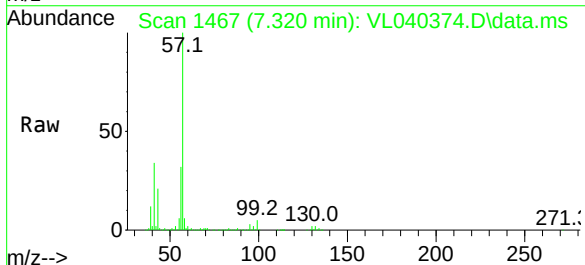
Ion	Ratio	Lower	Upper
69	100		
41	145.1	114.3	171.5
100	31.6	24.5	36.7

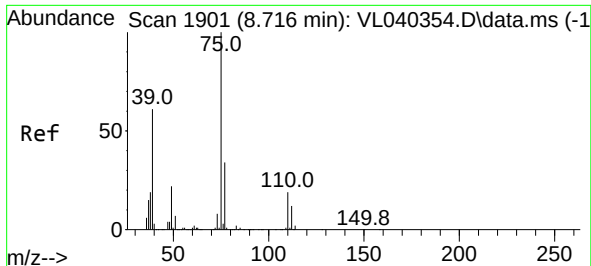


#44
2,2,4-Trimethylpentane
Concen: 10.296 ppbv
RT: 7.320 min Scan# 1467
Delta R.T. -0.010 min
Lab File: VL040374.D
Acq: 19 Apr 2023 10:43

Tgt Ion: 57 Resp: 4169841

Ion	Ratio	Lower	Upper
57	100		
41	33.7	26.9	40.3
56	31.6	25.1	37.7





#45

t-1,3-Dichloropropene

Concen: 12.373 ppbv

RT: 8.703 min Scan# 11

Delta R.T. -0.013 min

Lab File: VL040374.D

Acq: 19 Apr 2023 10:43

Instrument :

MSVOA_L

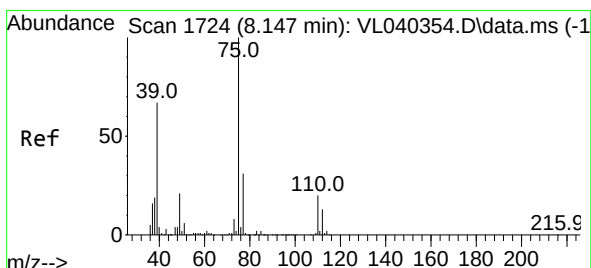
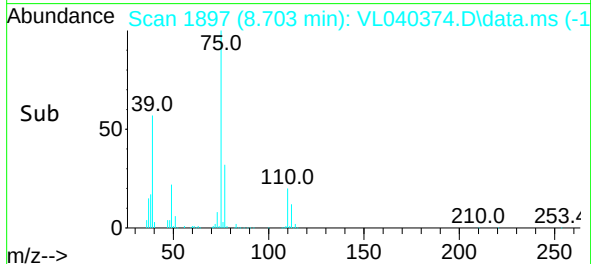
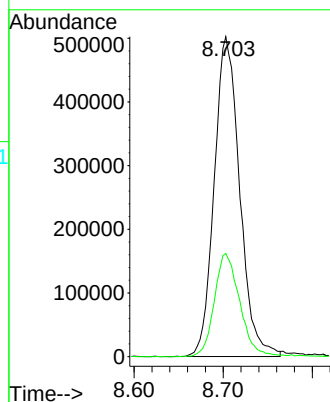
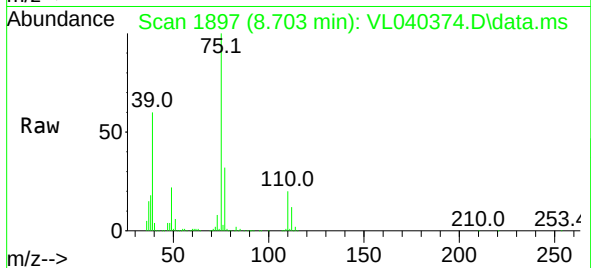
ClientSampleId :

Tgt Ion: 75 Resp: 995346

Ion Ratio Lower Upper

75 100

77 32.3 26.8 40.2



#46

cis-1,3-Dichloropropene

Concen: 11.957 ppbv

RT: 8.137 min Scan# 1721

Delta R.T. -0.010 min

Lab File: VL040374.D

Acq: 19 Apr 2023 10:43

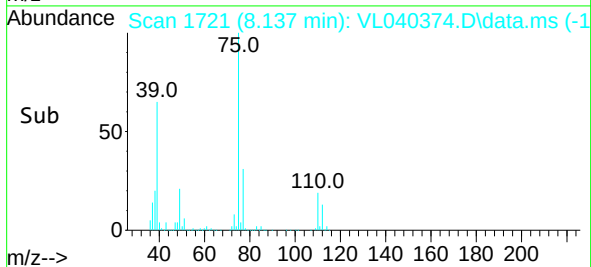
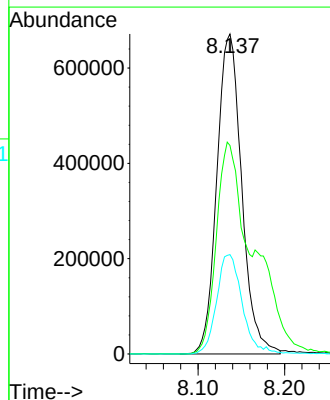
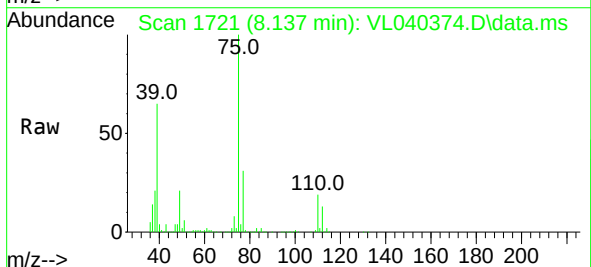
Tgt Ion: 75 Resp: 1338739

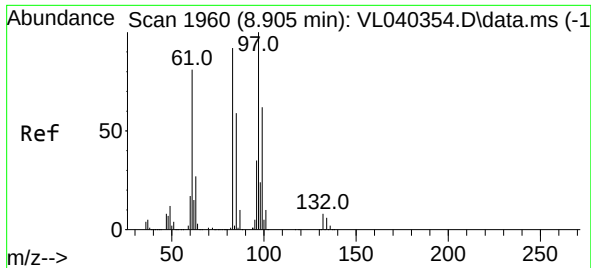
Ion Ratio Lower Upper

75 100

39 65.1 53.4 80.2

77 31.1 24.7 37.1



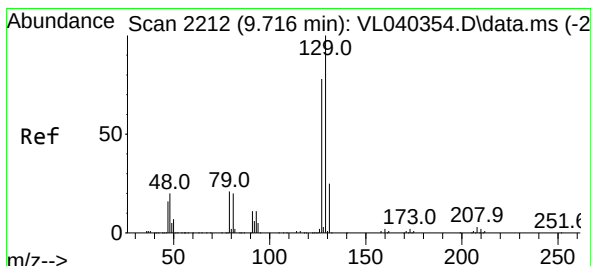
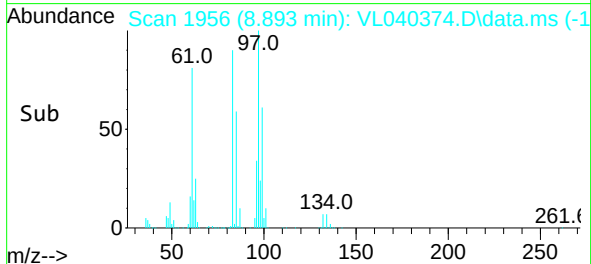
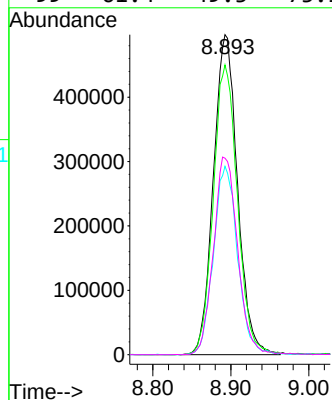
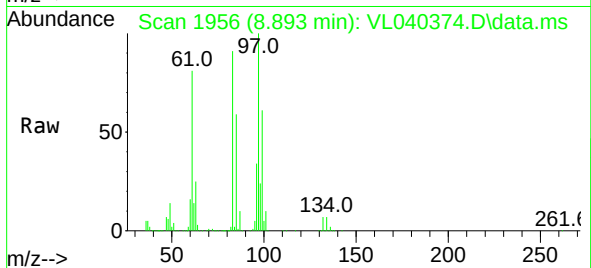


#47
1,1,2-Trichloroethane
Concen: 10.207 ppbv
RT: 8.893 min Scan# 1960
Delta R.T. -0.012 min
Lab File: VL040374.D
Acq: 19 Apr 2023 10:43

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 97 Resp: 1067708

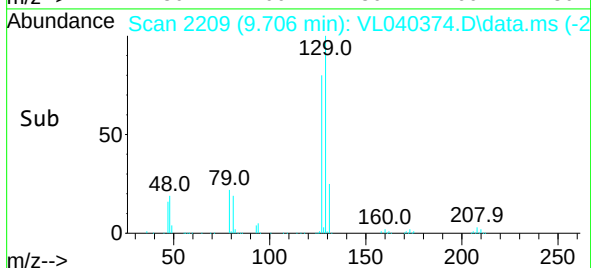
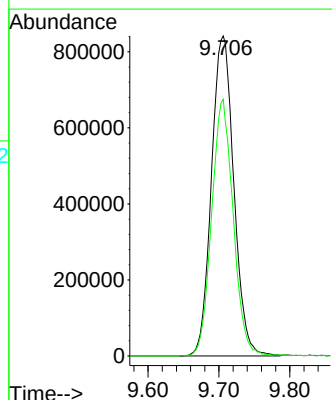
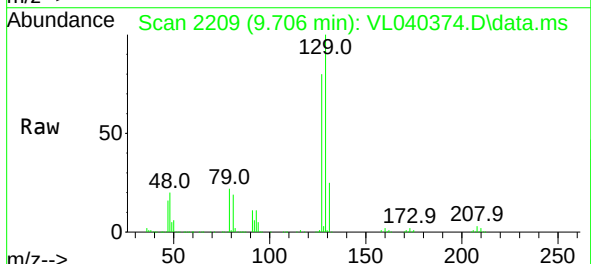
Ion	Ratio	Lower	Upper
97	100		
83	90.6	73.3	109.9
85	58.9	46.9	70.3
99	61.4	49.3	73.9

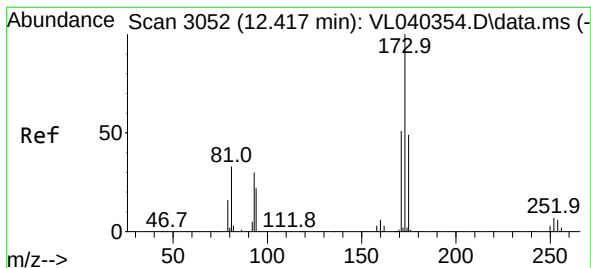


#48
Dibromochloromethane
Concen: 10.941 ppbv
RT: 9.706 min Scan# 2209
Delta R.T. -0.010 min
Lab File: VL040374.D
Acq: 19 Apr 2023 10:43

Tgt Ion: 129 Resp: 1843133

Ion	Ratio	Lower	Upper
129	100		
127	77.6	39.2	117.6





#49

Bromoform

Concen: 11.214 ppbv

RT: 12.404 min Scan# 3052

Delta R.T. -0.013 min

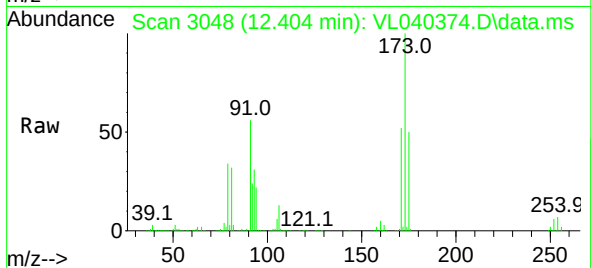
Lab File: VL040374.D

Acq: 19 Apr 2023 10:43

Instrument :

MSVOA_L

ClientSampleId :



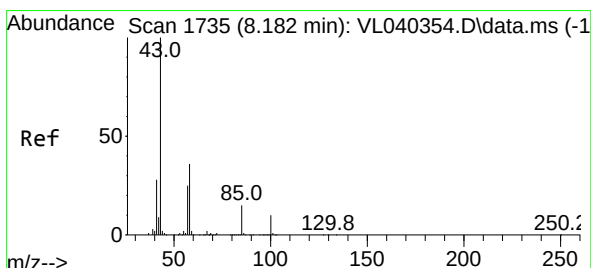
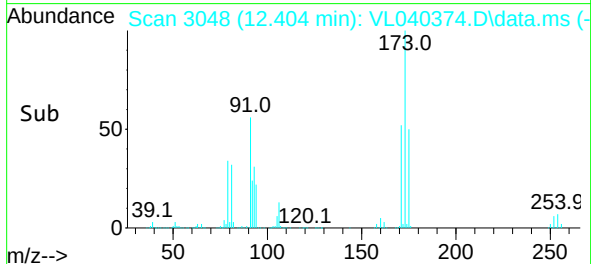
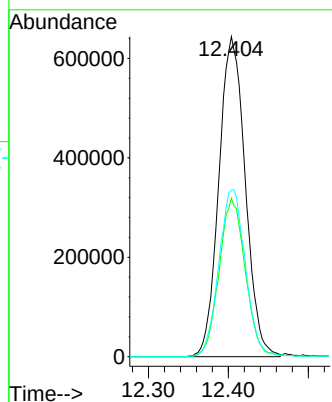
Tgt Ion:173 Resp: 1473496

Ion Ratio Lower Upper

173 100

175 49.2 39.8 59.8

171 52.8 42.2 63.2



#50

4-Methyl-2-Pentanone

Concen: 10.665 ppbv

RT: 8.172 min Scan# 1732

Delta R.T. -0.010 min

Lab File: VL040374.D

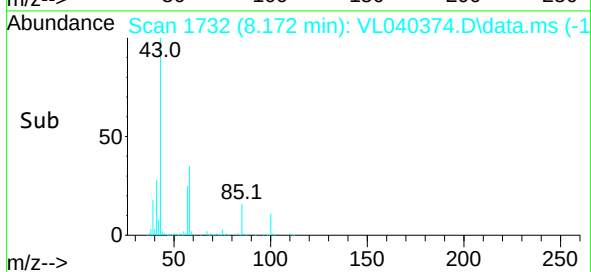
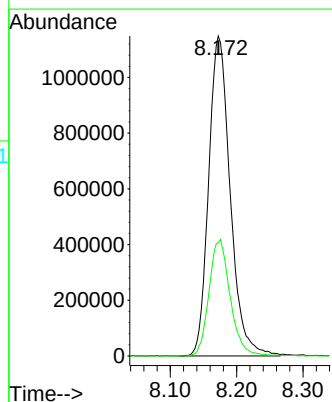
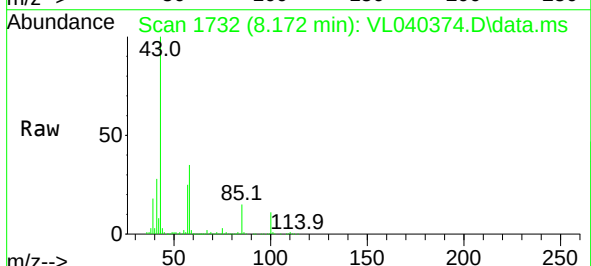
Acq: 19 Apr 2023 10:43

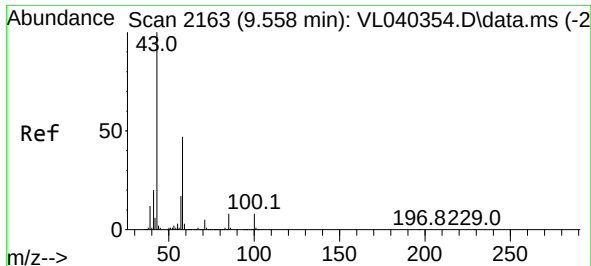
Tgt Ion: 43 Resp: 2591322

Ion Ratio Lower Upper

43 100

58 35.9 28.6 43.0

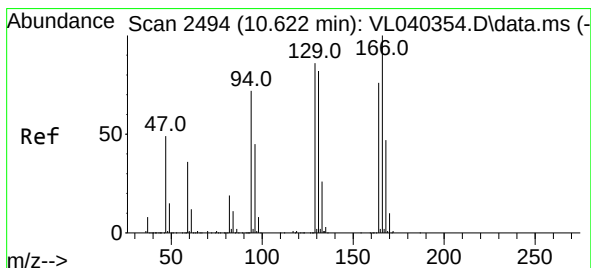
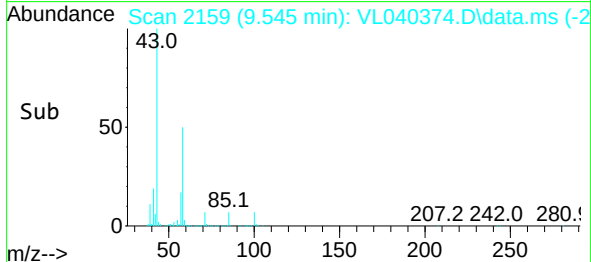
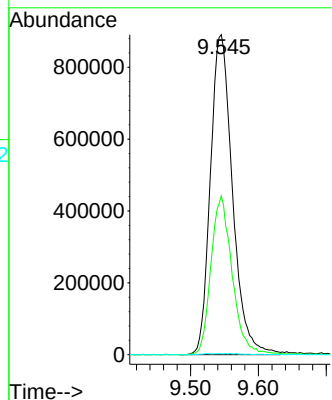
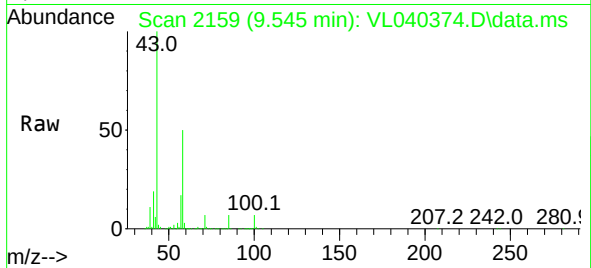




#51
2-Hexanone
Concen: 11.218 ppbv
RT: 9.545 min Scan# 2163
Delta R.T. -0.013 min
Lab File: VL040374.D
Acq: 19 Apr 2023 10:43

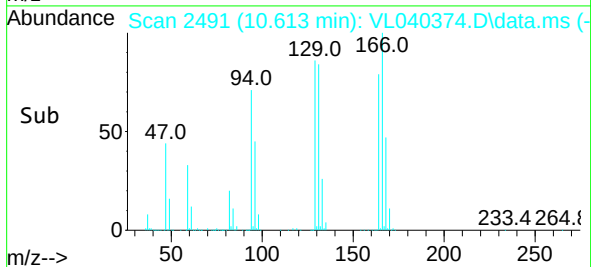
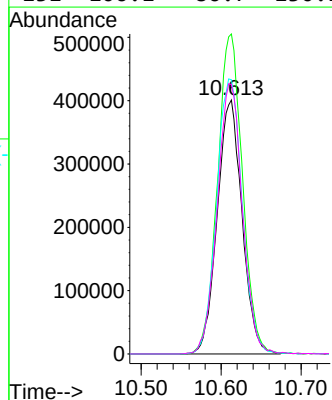
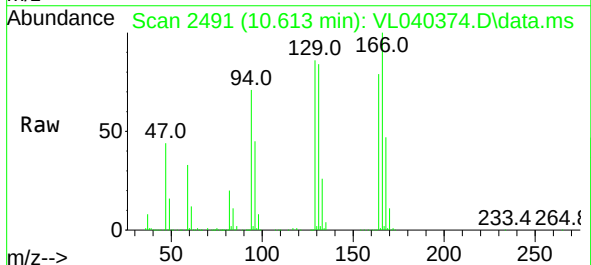
Instrument :
MSVOA_L
ClientSampleId :

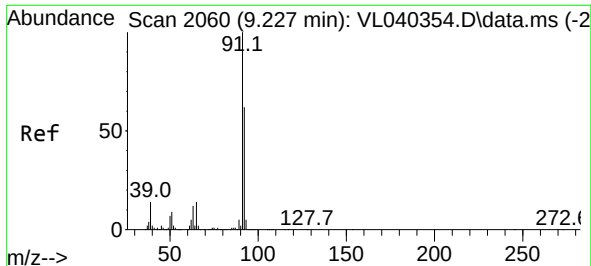
Tgt Ion: 43 Resp: 2014176
Ion Ratio Lower Upper
43 100
58 47.9 38.3 57.5
98 0.6 0.4 0.6#



#52
Tetrachloroethene
Concen: 11.376 ppbv
RT: 10.613 min Scan# 2491
Delta R.T. -0.009 min
Lab File: VL040374.D
Acq: 19 Apr 2023 10:43

Tgt Ion:164 Resp: 862820
Ion Ratio Lower Upper
164 100
166 126.0 105.2 157.8
129 108.0 90.3 135.5
131 106.1 86.7 130.1

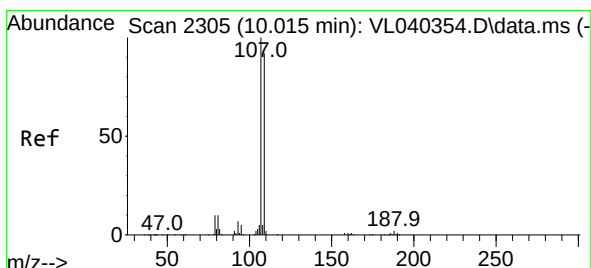
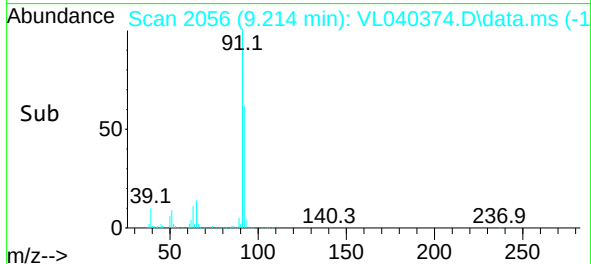
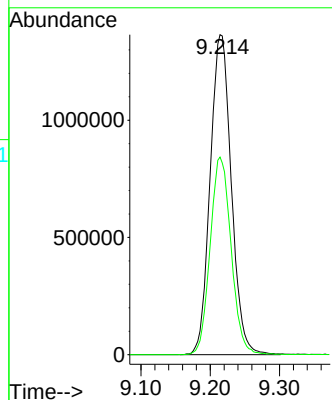
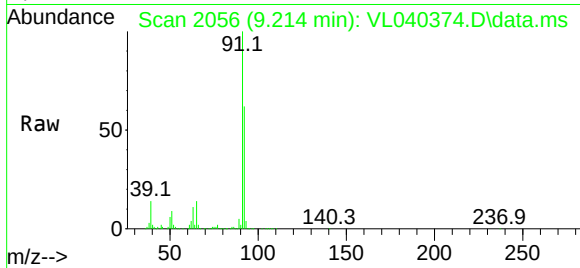




#53
Toluene
Concen: 11.246 ppbv
RT: 9.214 min Scan# 2060
Delta R.T. -0.013 min
Lab File: VL040374.D
Acq: 19 Apr 2023 10:43

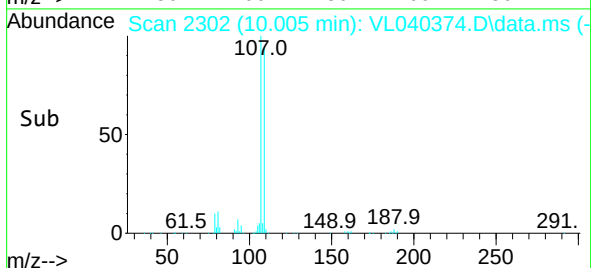
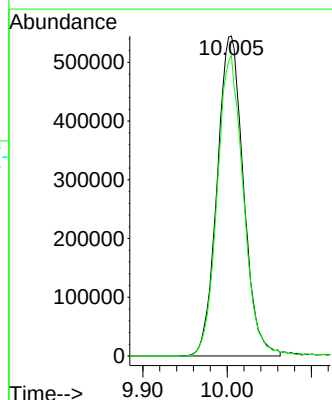
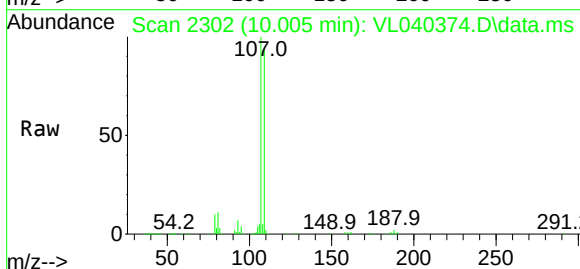
Instrument :
MSVOA_L
ClientSampleId :

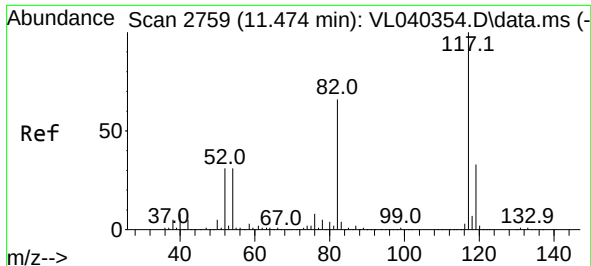
Tgt Ion: 91 Resp: 2890799
Ion Ratio Lower Upper
91 100
92 61.3 48.9 73.3



#54
1,2-Dibromoethane
Concen: 11.130 ppbv
RT: 10.005 min Scan# 2302
Delta R.T. -0.010 min
Lab File: VL040374.D
Acq: 19 Apr 2023 10:43

Tgt Ion: 107 Resp: 1180341
Ion Ratio Lower Upper
107 100
109 94.0 73.6 110.4





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.465 min Scan# 21

Delta R.T. -0.009 min

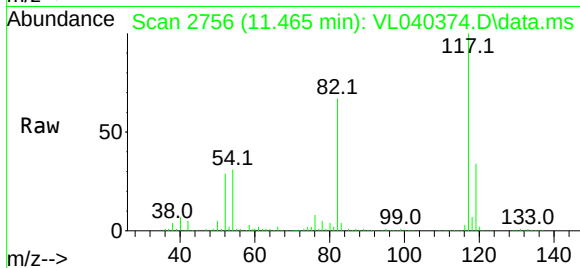
Lab File: VL040374.D

Acq: 19 Apr 2023 10:43

Instrument :

MSVOA_L

ClientSampleId :



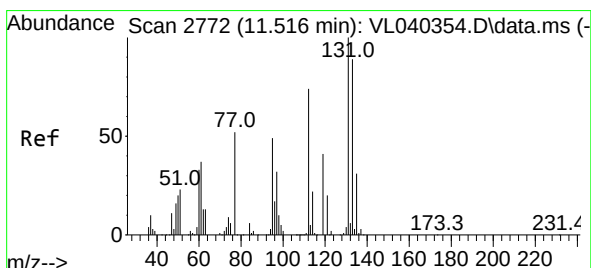
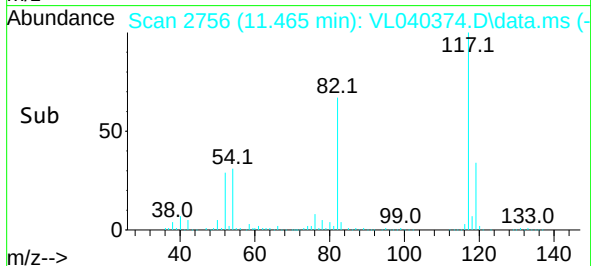
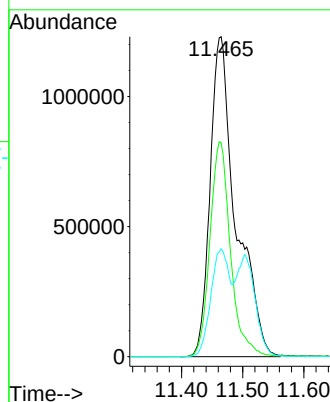
Tgt Ion:117 Resp: 3600737

Ion Ratio Lower Upper

117 100

82 53.9 52.5 78.7

119 26.9 24.3 36.5



#56

1,1,1,2-Tetrachloroethane

Concen: 8.025 ppbv

RT: 11.503 min Scan# 2768

Delta R.T. -0.013 min

Lab File: VL040374.D

Acq: 19 Apr 2023 10:43

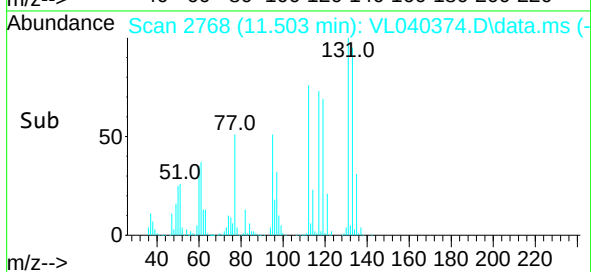
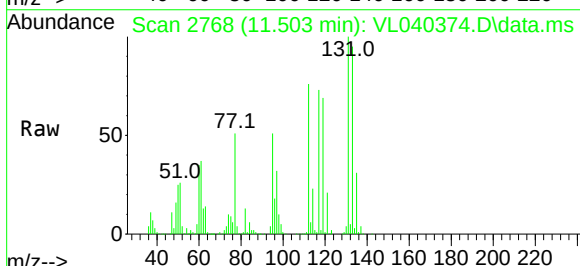
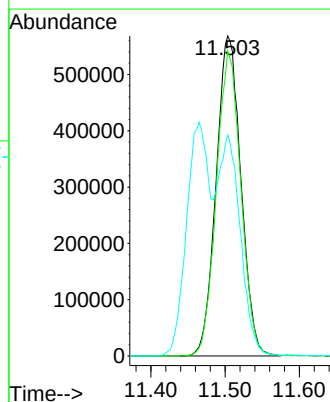
Tgt Ion:131 Resp: 1318963

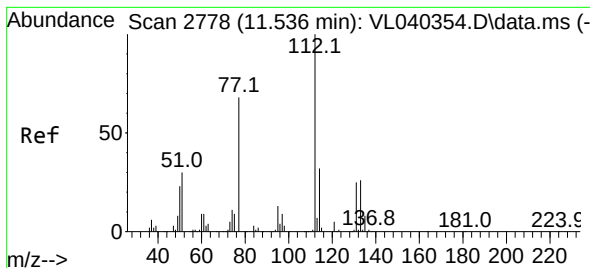
Ion Ratio Lower Upper

131 100

133 94.2 75.3 112.9

119 67.7 53.9 80.9





#57

Chlorobenzene

Concen: 7.959 ppbv

RT: 11.526 min Scan# 21

Delta R.T. -0.010 min

Lab File: VL040374.D

Acq: 19 Apr 2023 10:43

Instrument :

MSVOA_L

ClientSampleId :

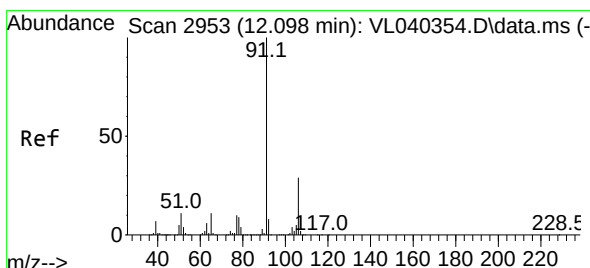
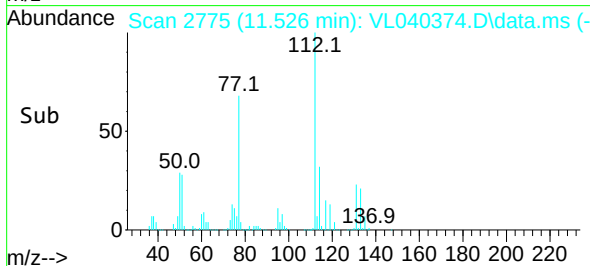
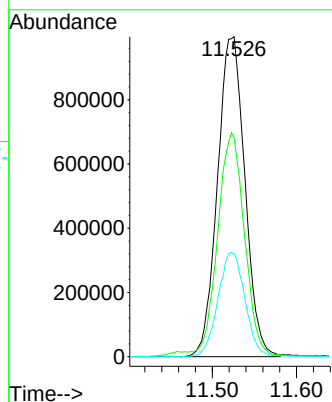
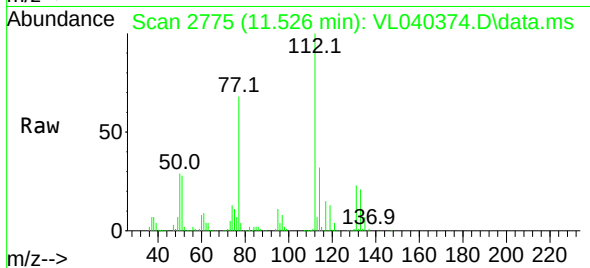
Tgt Ion:112 Resp: 2243883

Ion Ratio Lower Upper

112 100

77 67.9 55.8 83.8

114 32.1 29.1 35.5



#58

Ethyl Benzene

Concen: 8.840 ppbv

RT: 12.082 min Scan# 2948

Delta R.T. -0.016 min

Lab File: VL040374.D

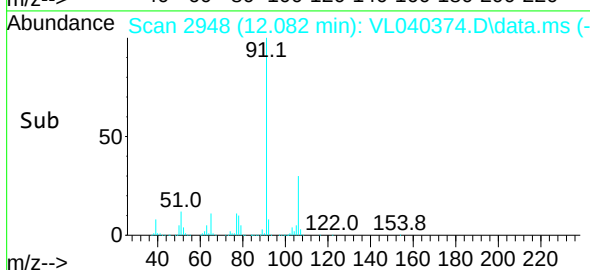
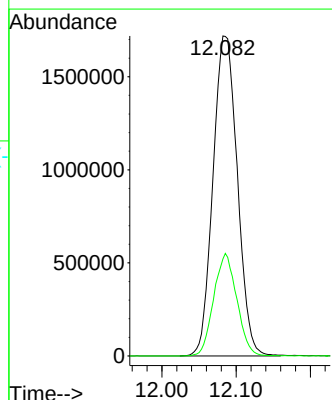
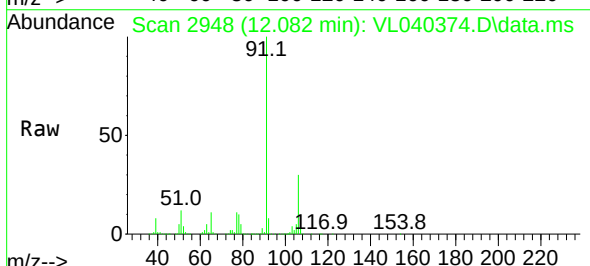
Acq: 19 Apr 2023 10:43

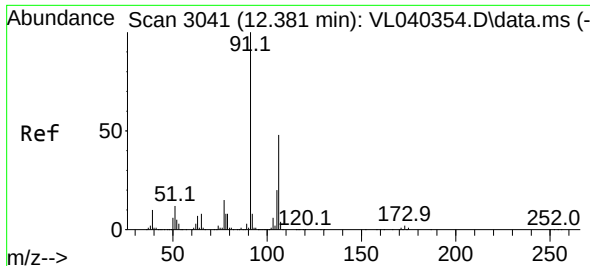
Tgt Ion: 91 Resp: 3915710

Ion Ratio Lower Upper

91 100

106 30.3 23.5 35.3





#59

m/p-Xylene

Concen: 9.600 ppbv

RT: 12.368 min Scan# 3041

Delta R.T. -0.013 min

Lab File: VL040374.D

Acq: 19 Apr 2023 10:43

Instrument :

MSVOA_L

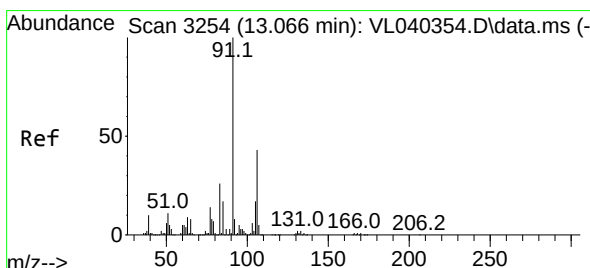
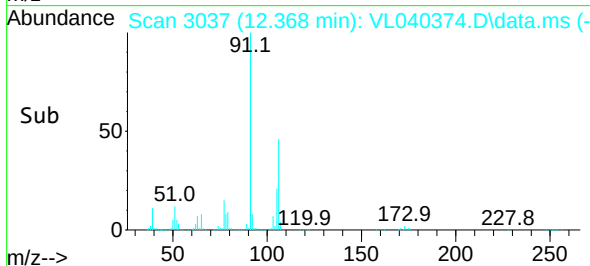
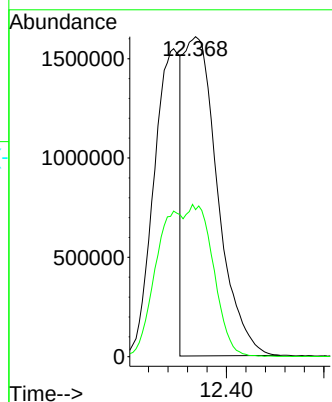
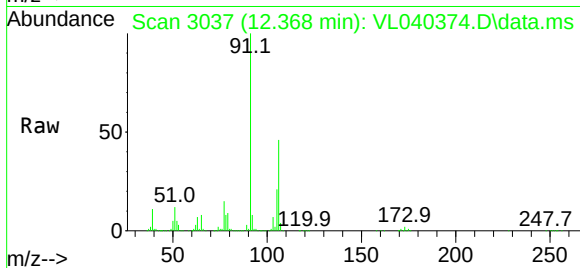
ClientSampleId :

Tgt Ion: 91 Resp: 3910285

Ion Ratio Lower Upper

91 100

106 76.0 34.7 52.1#



#60

o-Xylene

Concen: 8.396 ppbv

RT: 13.056 min Scan# 3251

Delta R.T. -0.010 min

Lab File: VL040374.D

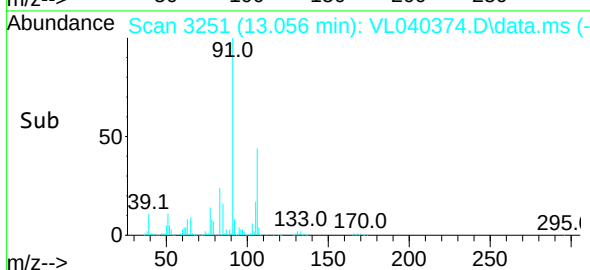
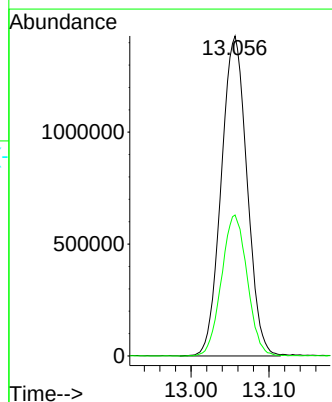
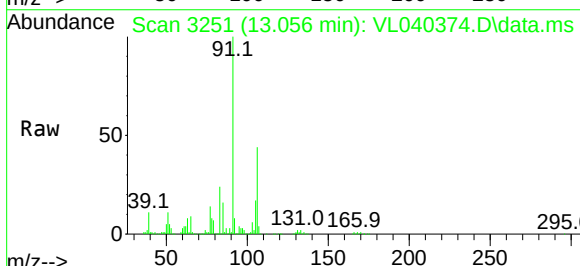
Acq: 19 Apr 2023 10:43

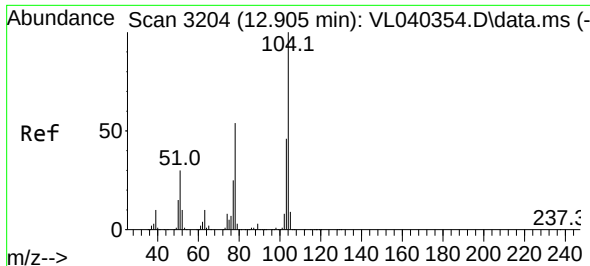
Tgt Ion: 91 Resp: 3282230

Ion Ratio Lower Upper

91 100

106 43.9 21.9 65.8

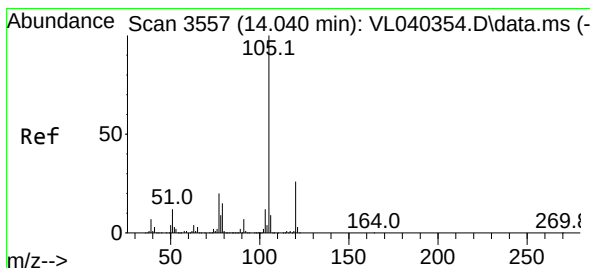
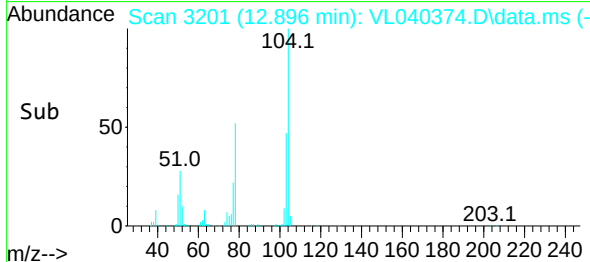
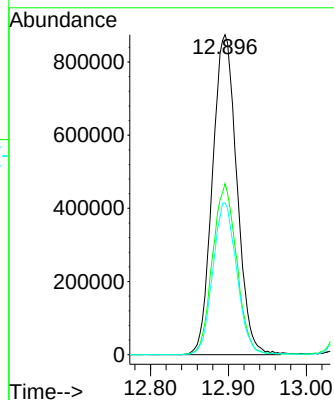
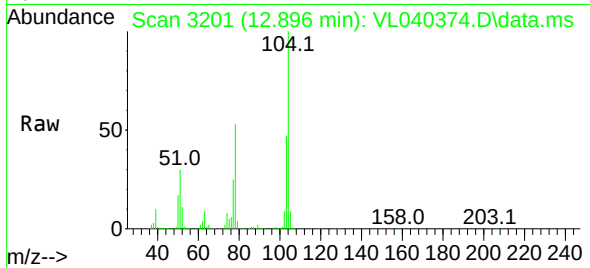




#61
Styrene
Concen: 9.705 ppbv
RT: 12.896 min Scan# 31
Delta R.T. -0.009 min
Lab File: VL040374.D
Acq: 19 Apr 2023 10:43

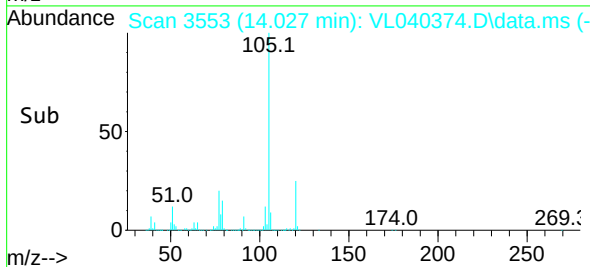
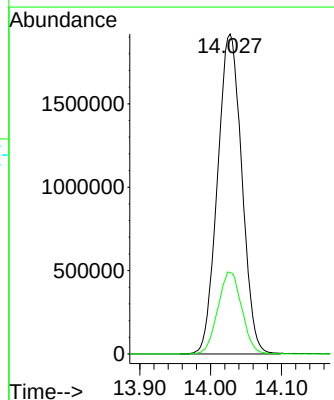
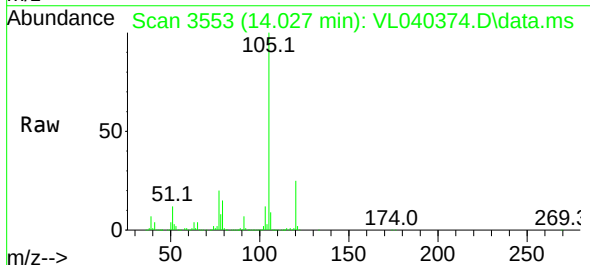
Instrument :
MSVOA_L
ClientSampleId :

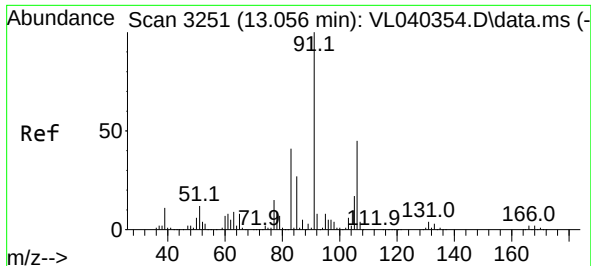
Tgt Ion:104 Resp: 1900584
Ion Ratio Lower Upper
104 100
78 52.9 43.4 65.0
103 46.9 37.0 55.4



#62
Isopropylbenzene
Concen: 8.114 ppbv
RT: 14.027 min Scan# 3553
Delta R.T. -0.013 min
Lab File: VL040374.D
Acq: 19 Apr 2023 10:43

Tgt Ion:105 Resp: 4567812
Ion Ratio Lower Upper
105 100
120 25.3 19.9 29.9





#63

1,1,2,2-Tetrachloroethane

Concen: 7.128 ppbv

RT: 13.043 min Scan# 31

Delta R.T. -0.013 min

Lab File: VL040374.D

Acq: 19 Apr 2023 10:43

Instrument :

MSVOA_L

ClientSampleId :

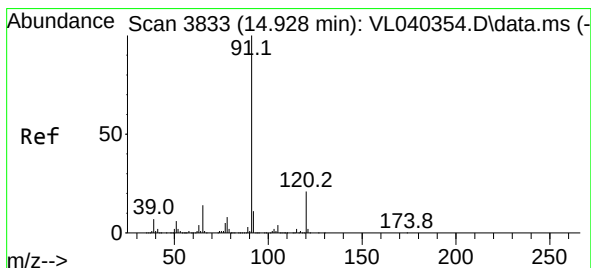
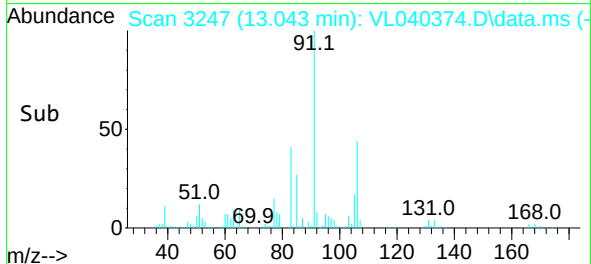
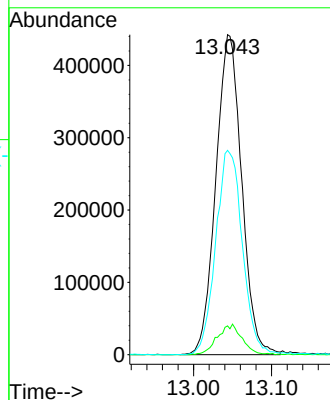
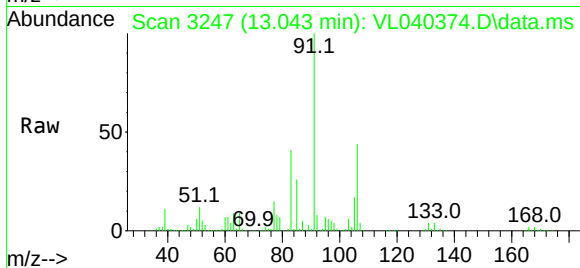
Tgt Ion: 83 Resp: 1019811

Ion Ratio Lower Upper

83 100

131 9.1 4.3 13.1

85 66.4 32.9 98.6



#64

n-propylbenzene

Concen: 8.463 ppbv

RT: 14.915 min Scan# 3829

Delta R.T. -0.013 min

Lab File: VL040374.D

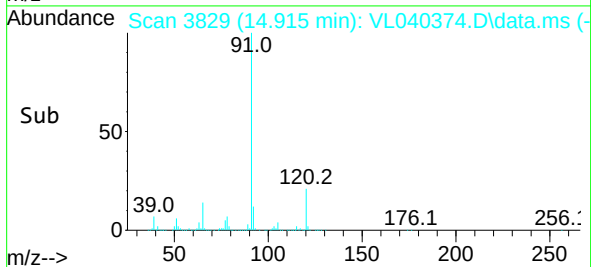
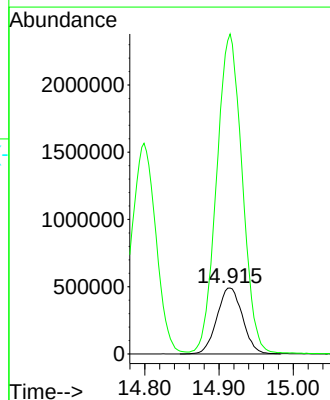
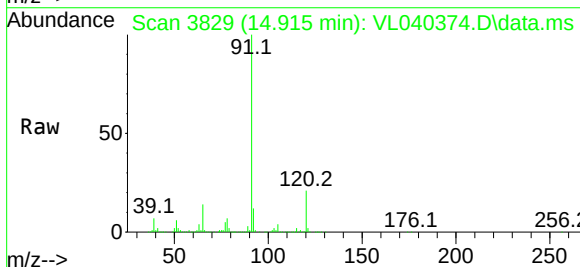
Acq: 19 Apr 2023 10:43

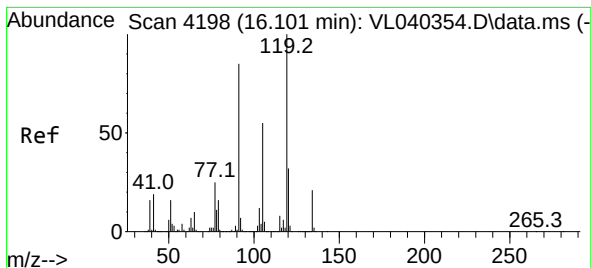
Tgt Ion:120 Resp: 1172332

Ion Ratio Lower Upper

120 100

91 487.4 397.4 596.0

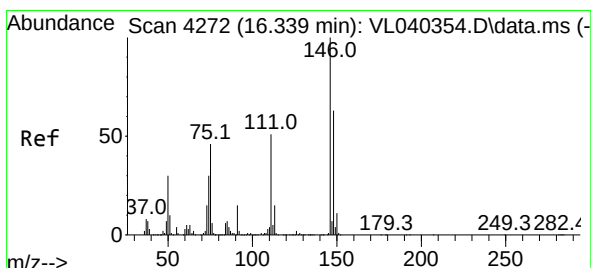
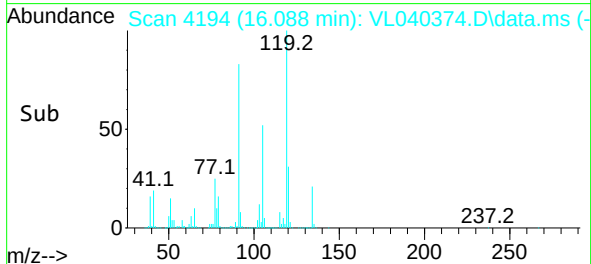
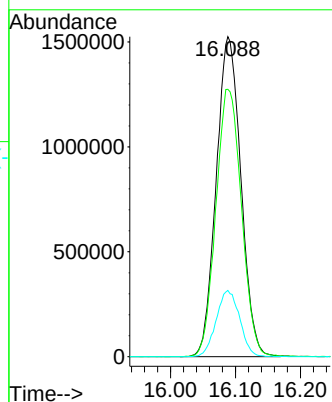
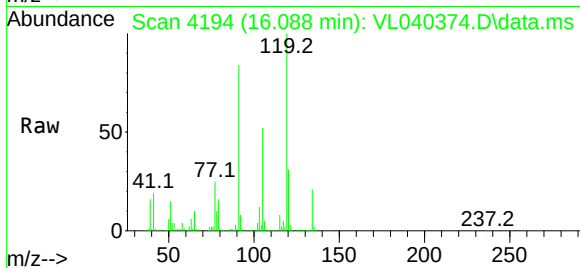




#65
tert-Butylbenzene
Concen: 8.107 ppbv
RT: 16.088 min Scan# 4198
Delta R.T. -0.013 min
Lab File: VL040374.D
Acq: 19 Apr 2023 10:43

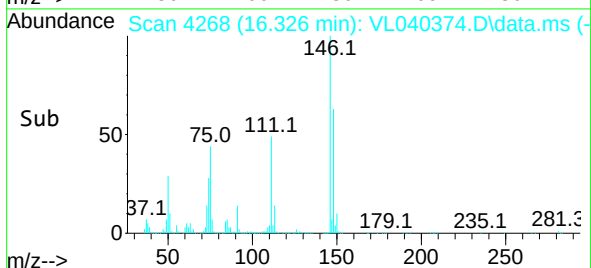
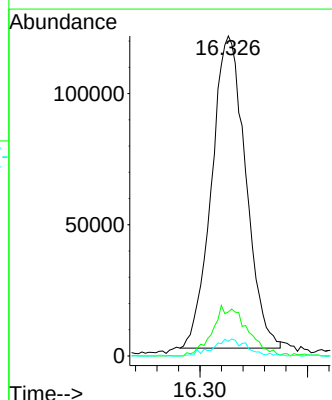
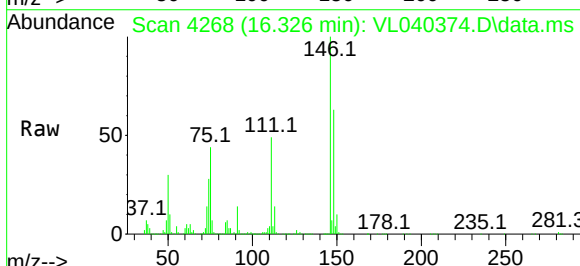
Instrument :
MSVOA_L
ClientSampleId :

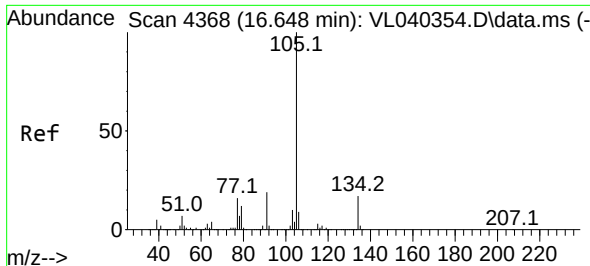
Tgt Ion:119 Resp: 4015637
Ion Ratio Lower Upper
119 100
91 86.8 70.1 105.1
134 19.7 15.6 23.4



#66
Benzyl Chloride
Concen: 8.530 ppbv
RT: 16.326 min Scan# 4268
Delta R.T. -0.013 min
Lab File: VL040374.D
Acq: 19 Apr 2023 10:43

Tgt Ion: 91 Resp: 261589
Ion Ratio Lower Upper
91 100
126 16.3 12.3 18.5
128 5.5 4.1 6.1

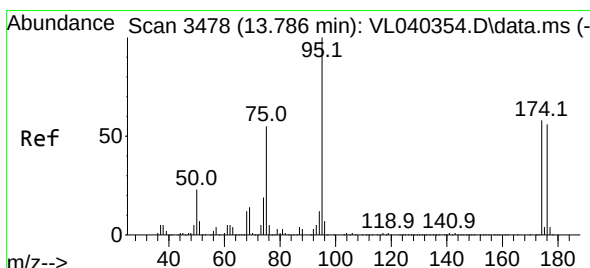
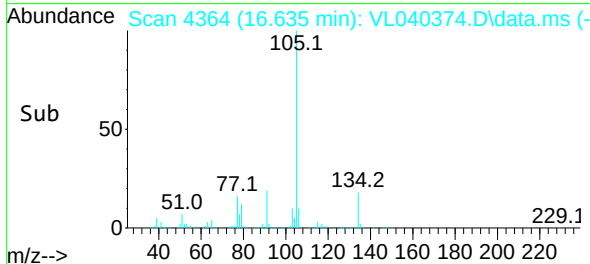
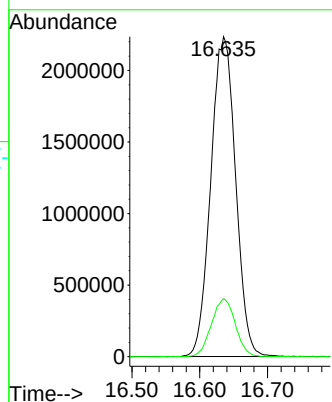
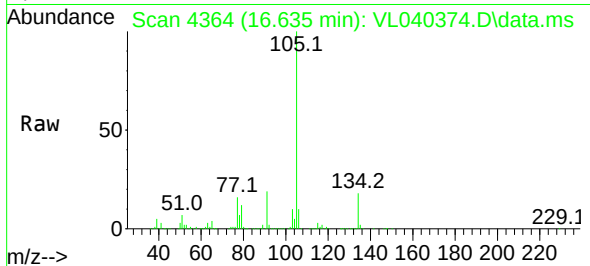




#67
 sec-Butylbenzene
 Concen: 7.985 ppbv
 RT: 16.635 min Scan# 41
 Delta R.T. -0.013 min
 Lab File: VL040374.D
 Acq: 19 Apr 2023 10:43

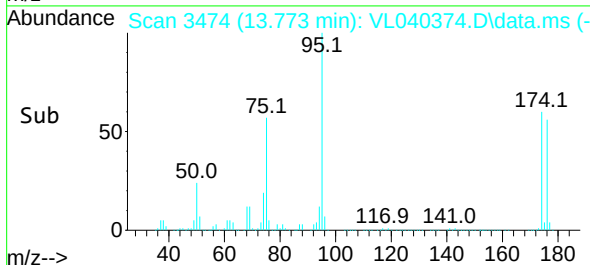
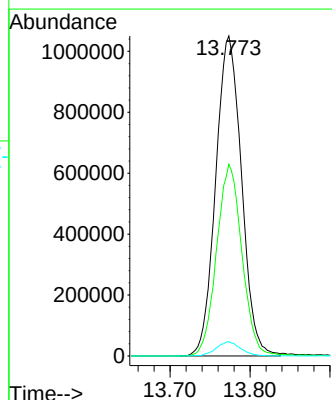
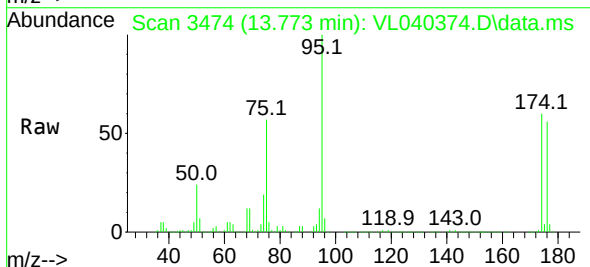
Instrument :
 MSVOA_L
 ClientSampleId :

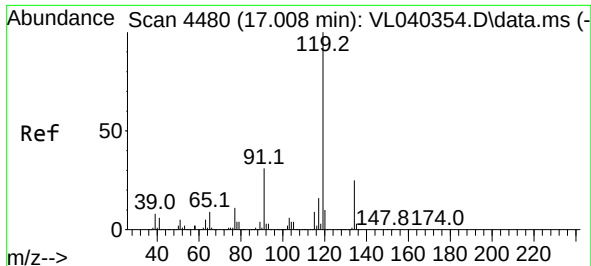
Tgt Ion:105 Resp: 5681397
 Ion Ratio Lower Upper
 105 100
 134 17.6 13.8 20.6



#68
 1-Bromo-4-Fluorobenzene
 Concen: 7.907 ppbv
 RT: 13.773 min Scan# 3474
 Delta R.T. -0.013 min
 Lab File: VL040374.D
 Acq: 19 Apr 2023 10:43

Tgt Ion: 95 Resp: 2354241
 Ion Ratio Lower Upper
 95 100
 174 59.1 47.2 70.8
 175 4.3 3.5 5.3

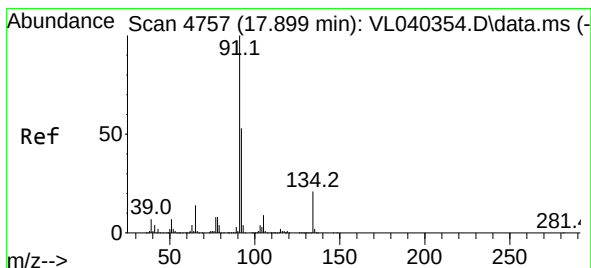
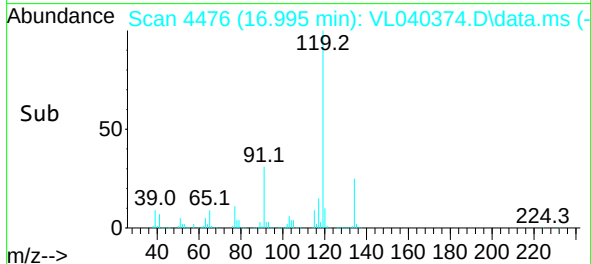
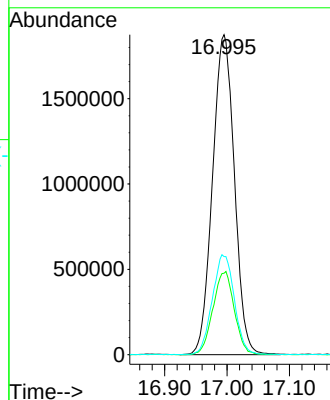
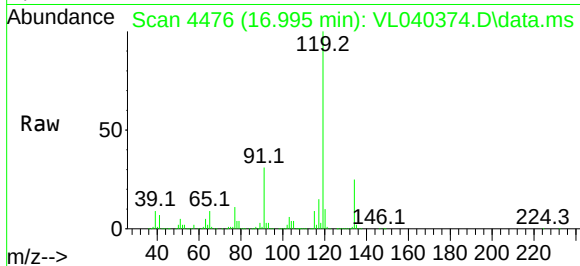




#69
 p-Isopropyltoluene
 Concen: 8.206 ppbv
 RT: 16.995 min Scan# 4480
 Delta R.T. -0.013 min
 Lab File: VL040374.D
 Acq: 19 Apr 2023 10:43

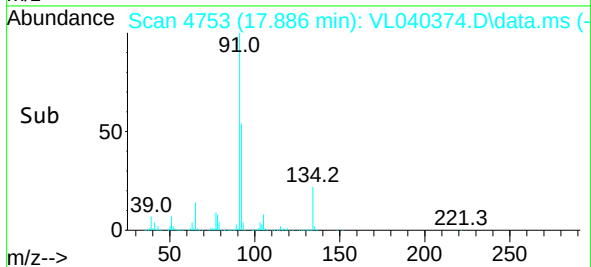
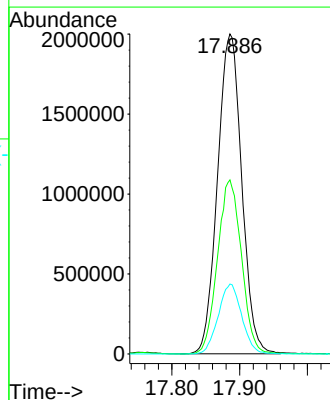
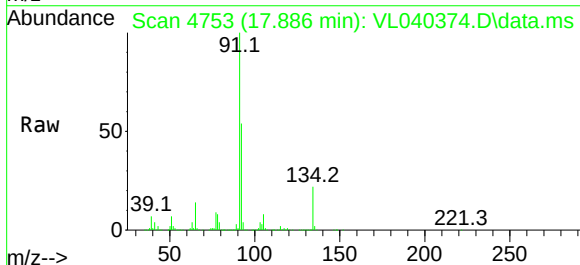
Instrument :
 MSVOA_L
 ClientSampleId :

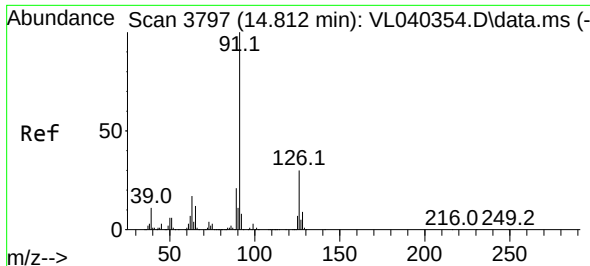
Tgt Ion:119 Resp: 4558756
 Ion Ratio Lower Upper
 119 100
 134 25.5 20.2 30.4
 91 31.5 25.7 38.5



#70
 n-Butylbenzene
 Concen: 8.056 ppbv
 RT: 17.886 min Scan# 4753
 Delta R.T. -0.013 min
 Lab File: VL040374.D
 Acq: 19 Apr 2023 10:43

Tgt Ion: 91 Resp: 4961368
 Ion Ratio Lower Upper
 91 100
 92 53.9 43.0 64.4
 134 21.3 16.6 25.0

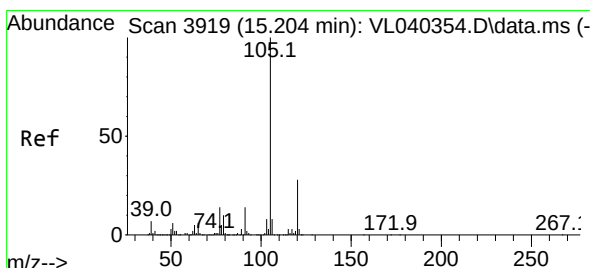
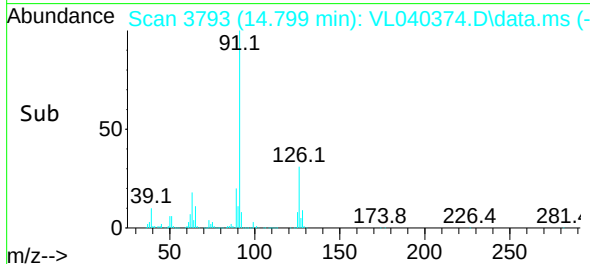
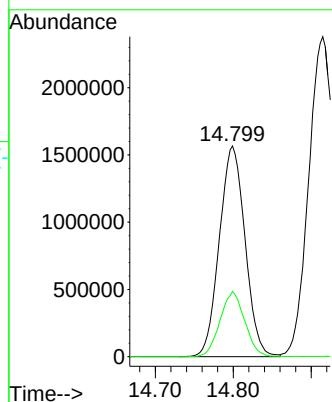
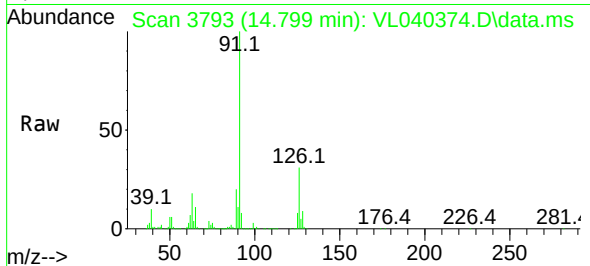




#71
2-Chlorotoluene
Concen: 8.303 ppbv
RT: 14.799 min Scan# 31
Delta R.T. -0.013 min
Lab File: VL040374.D
Acq: 19 Apr 2023 10:43

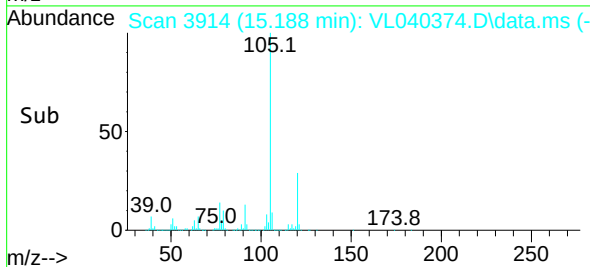
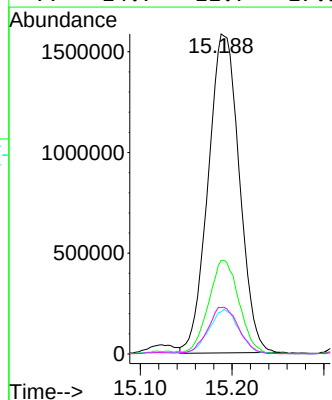
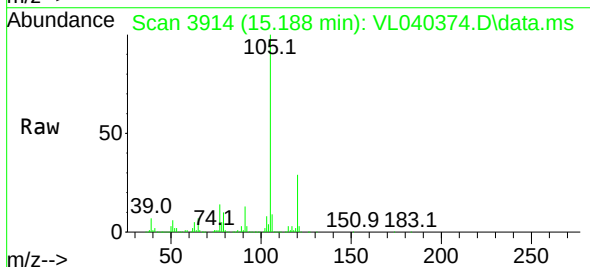
Instrument :
MSVOA_L
ClientSampleId :

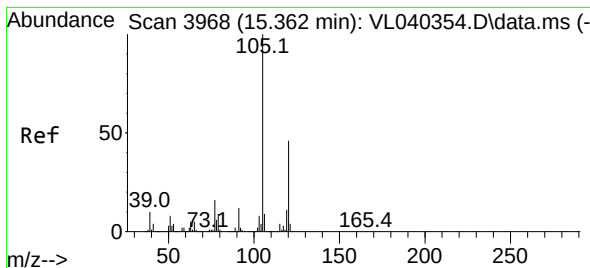
Tgt Ion: 91 Resp: 3588831
Ion Ratio Lower Upper
91 100
126 29.8 11.8 47.4



#72
4-Ethyltoluene
Concen: 8.651 ppbv
RT: 15.188 min Scan# 3914
Delta R.T. -0.016 min
Lab File: VL040374.D
Acq: 19 Apr 2023 10:43

Tgt Ion: 105 Resp: 3733531
Ion Ratio Lower Upper
105 100
120 29.1 23.0 34.6
91 14.1 11.3 16.9
77 14.7 11.7 17.5





#73

1,3,5-Trimethylbenzene

Concen: 8.308 ppbv

RT: 15.352 min Scan# 3965

Delta R.T. -0.010 min

Lab File: VL040374.D

Acq: 19 Apr 2023 10:43

Instrument :

MSVOA_L

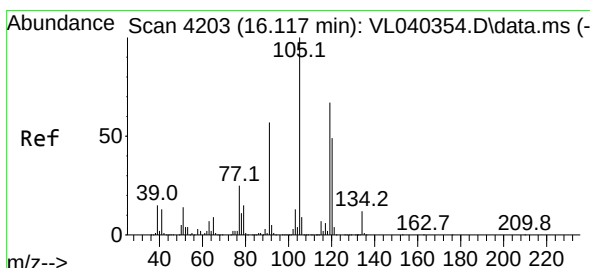
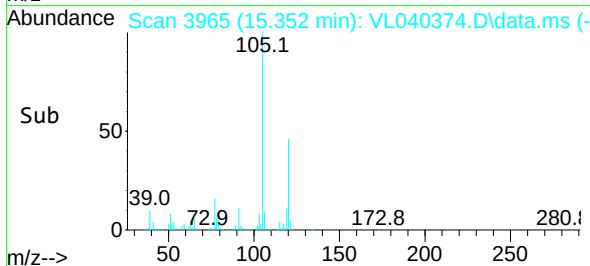
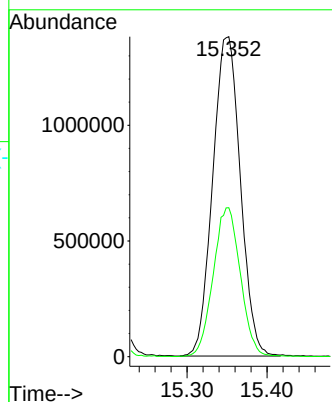
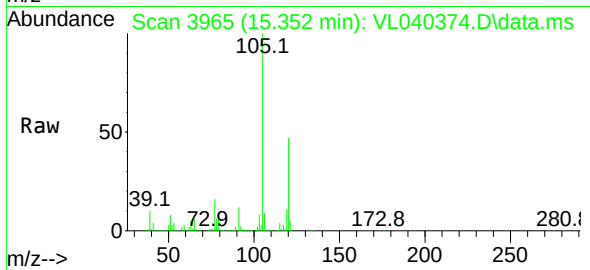
ClientSampleId :

Tgt Ion:105 Resp: 3312235

Ion Ratio Lower Upper

105 100

120 46.5 36.9 55.3



#74

1,2,4-Trimethylbenzene

Concen: 8.003 ppbv

RT: 16.108 min Scan# 4200

Delta R.T. -0.009 min

Lab File: VL040374.D

Acq: 19 Apr 2023 10:43

Tgt Ion:105 Resp: 3646350

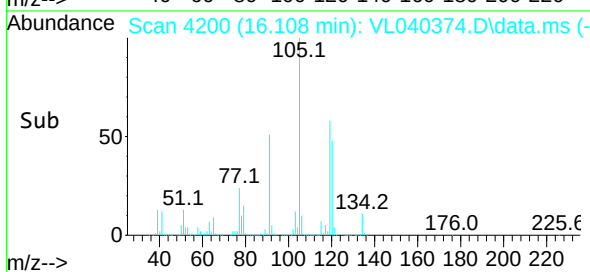
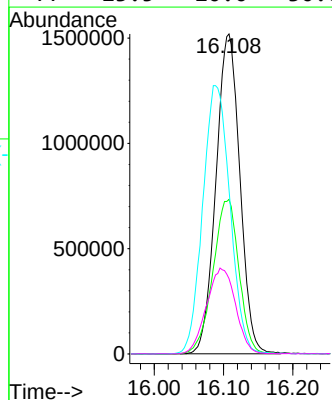
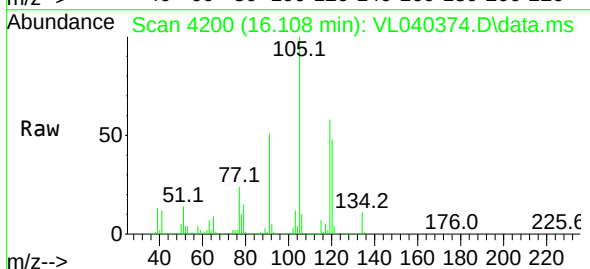
Ion Ratio Lower Upper

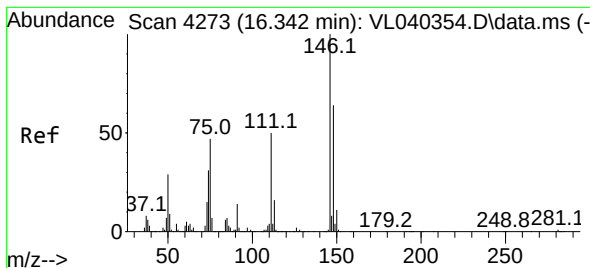
105 100

120 48.2 38.9 58.3

91 51.2 46.0 69.0

77 23.5 20.0 30.0





#75

1,3-Dichlorobenzene

Concen: 8.112 ppbv

RT: 16.333 min Scan# 41

Delta R.T. -0.009 min

Lab File: VL040374.D

Acq: 19 Apr 2023 10:43

Instrument :

MSVOA_L

ClientSampleId :

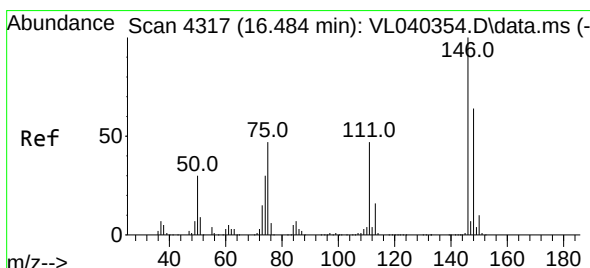
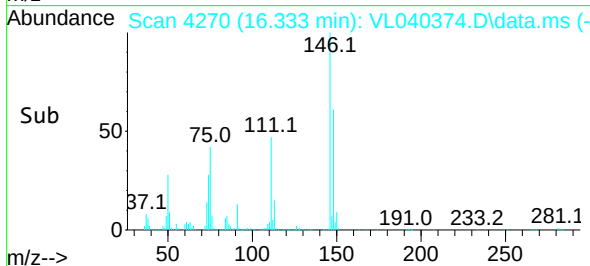
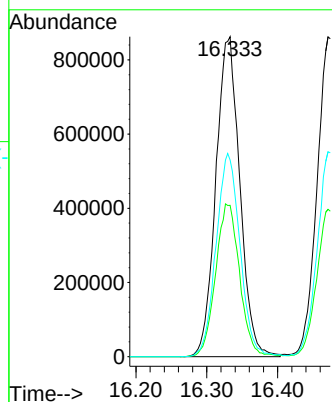
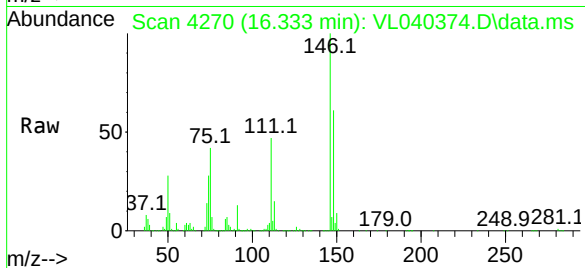
Tgt Ion:146 Resp: 2024527

Ion Ratio Lower Upper

146 100

111 48.0 24.6 74.0

148 63.6 32.1 96.3



#76

1,4-Dichlorobenzene

Concen: 8.022 ppbv

RT: 16.471 min Scan# 4313

Delta R.T. -0.013 min

Lab File: VL040374.D

Acq: 19 Apr 2023 10:43

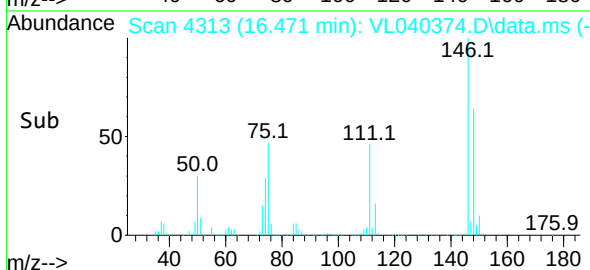
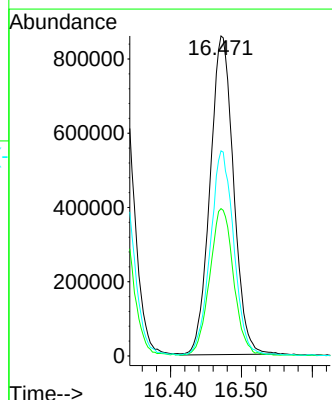
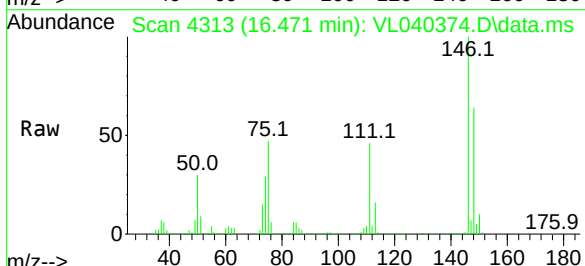
Tgt Ion:146 Resp: 1978195

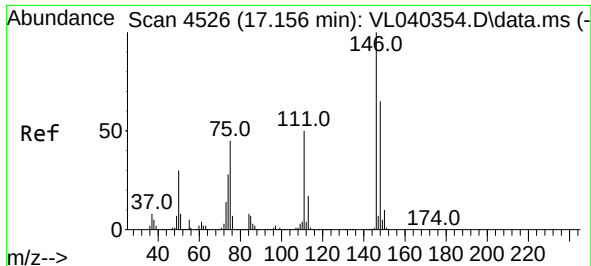
Ion Ratio Lower Upper

146 100

111 47.4 23.8 71.4

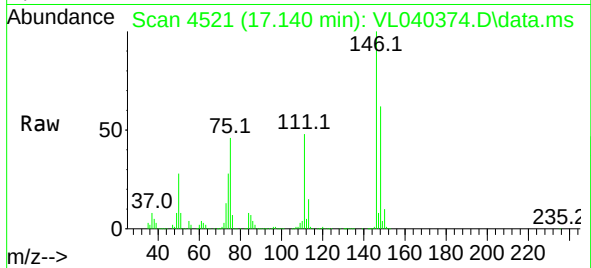
148 64.6 32.4 97.2



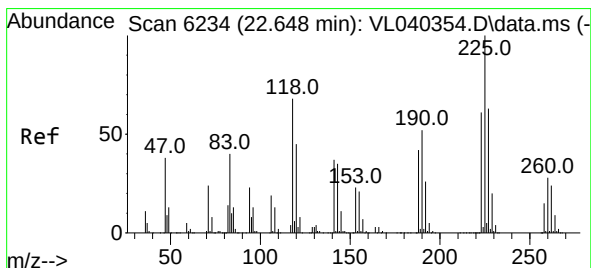
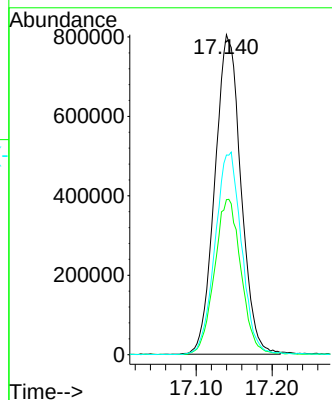
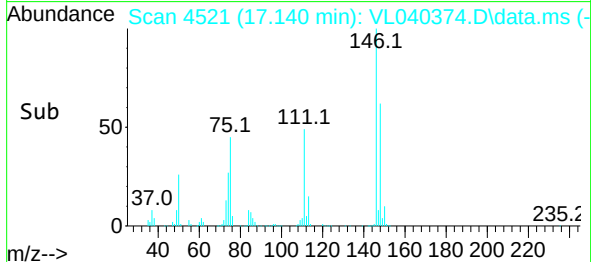


#77
1,2-Dichlorobenzene
Concen: 7.750 ppbv
RT: 17.140 min Scan# 41
Delta R.T. -0.016 min
Lab File: VL040374.D
Acq: 19 Apr 2023 10:43

Instrument :
MSVOA_L
ClientSampleId :

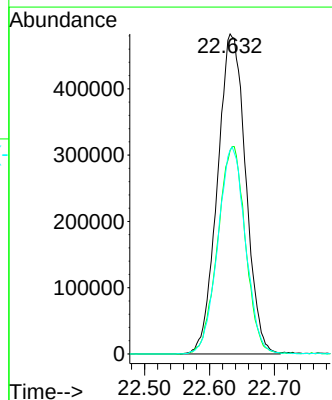
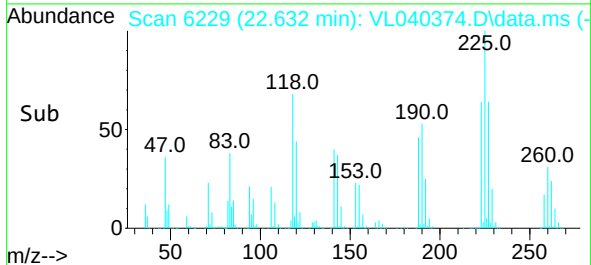
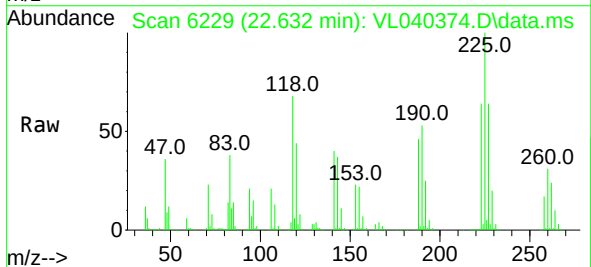


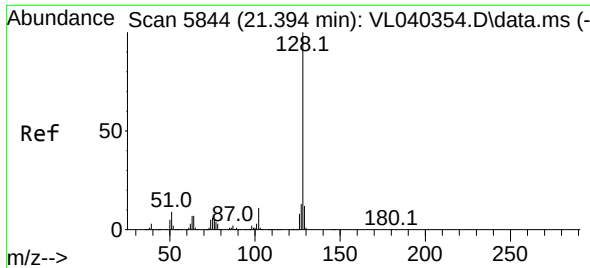
Tgt Ion:146 Resp: 1912582
Ion Ratio Lower Upper
146 100
111 49.9 25.4 76.0
148 64.8 32.0 96.2



#78
Hexachloro-1,3-Butadiene
Concen: 7.353 ppbv
RT: 22.632 min Scan# 6229
Delta R.T. -0.016 min
Lab File: VL040374.D
Acq: 19 Apr 2023 10:43

Tgt Ion:225 Resp: 1454756
Ion Ratio Lower Upper
225 100
223 63.9 50.7 76.1
227 63.5 51.0 76.4

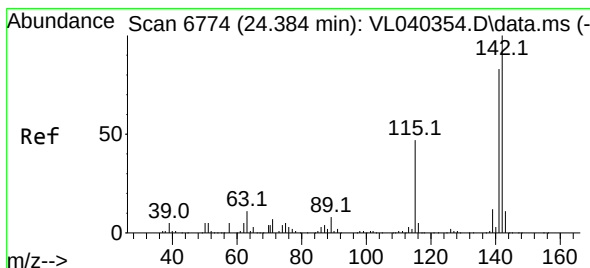
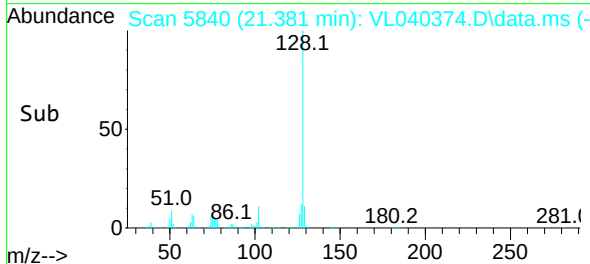
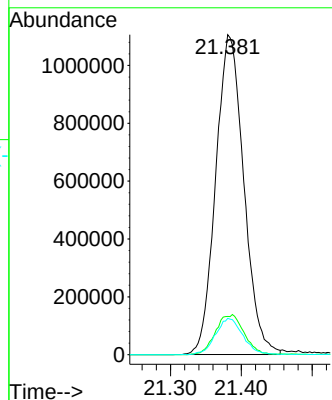
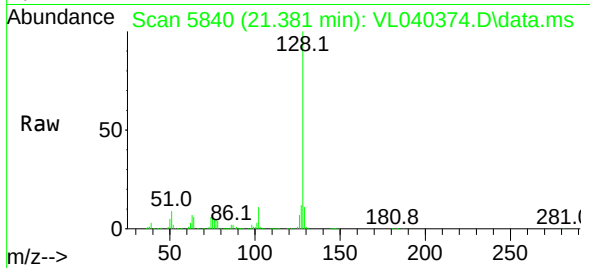




#79
Naphthalene
Concen: 9.893 ppbv
RT: 21.381 min Scan# 5840
Delta R.T. -0.013 min
Lab File: VL040374.D
Acq: 19 Apr 2023 10:43

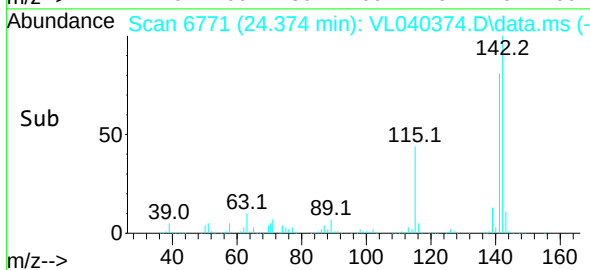
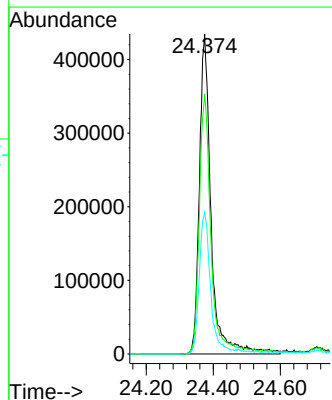
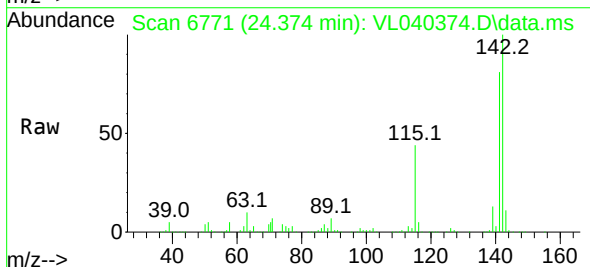
Instrument :
MSVOA_L
ClientSampleId :

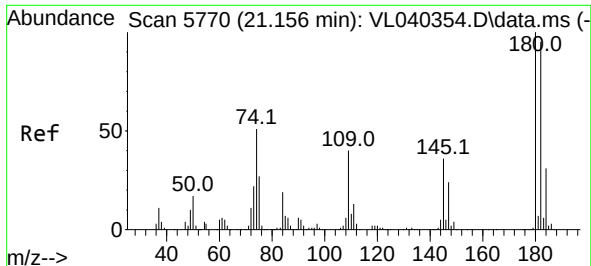
Tgt Ion:128 Resp: 3042694
Ion Ratio Lower Upper
128 100
127 12.0 10.0 15.0
129 11.4 9.4 14.0



#80
Naphthalene,2-methyl-
Concen: 11.507 ppbv
RT: 24.374 min Scan# 6771
Delta R.T. -0.010 min
Lab File: VL040374.D
Acq: 19 Apr 2023 10:43

Tgt Ion:142 Resp: 1053509
Ion Ratio Lower Upper
142 100
141 81.5 65.1 97.7
115 44.3 36.5 54.7





#81

1,2,4-Trichlorobenzene

Concen: 8.415 ppbv

RT: 21.143 min Scan# 51

Delta R.T. -0.013 min

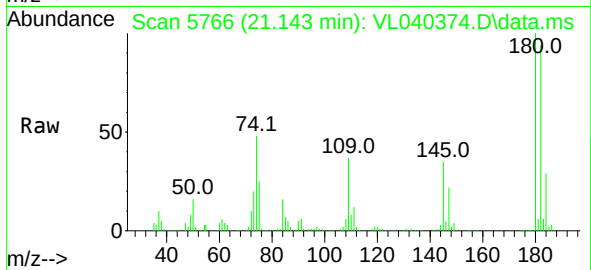
Lab File: VL040374.D

Acq: 19 Apr 2023 10:43

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:180 Resp: 1590535

Ion Ratio Lower Upper

180 100

182 96.8 77.7 116.5

184 30.6 24.2 36.2

