

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092222\
 Data File : VL039668.D
 Acq On : 22 Sep 2022 15:34
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Quant Time: Sep 23 06:34:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Sep 19 14:26:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.227	49	1033574	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	6.687	114	2670569	10.000	ppbv	0.03
55) Chlorobenzene-d5	11.497	117	3147399	10.000	ppbv	0.03

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.806	95	1994919	8.491	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	84.900%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.764	85	1114863	9.304	ppbv	98
3) Chlorodifluoromethane	2.709	51	1148064	9.360	ppbv	97
4) Chloromethane	2.851	50	705193	9.528	ppbv	97
5) Vinyl Chloride	2.957	62	614708	9.964	ppbv	97
6) Bromomethane	3.156	94	226165	9.940	ppbv	99
7) Chloroethane	3.234	64	217989	9.662	ppbv	97
8) Dichlorotetrafluoroethane	2.893	85	1355221	9.429	ppbv	97
9) Propene	2.732	41	526562	9.400	ppbv	98
10) Heptane	7.613	43	1315737	10.065	ppbv	99
11) Trichlorofluoromethane	3.603	101	1448931	9.764	ppbv	96
12) 1,1,2-Trichlorotrifluo...	4.105	101	1071746	9.562	ppbv	98
13) Ethanol	3.279	45	29935	7.013	ppbv	86
14) Bromoethene	3.404	108	427119	9.546	ppbv	93
15) Acetone	3.504	43	1077170	9.366	ppbv	99
16) 1,3-Butadiene	3.021	39	588496	10.087	ppbv	99
17) tert-Butyl alcohol	3.915	59	1103847	10.695	ppbv	100
18) 1,1-Dichloroethene	3.915	96	478372	9.701	ppbv	98
19) Isopropyl Alcohol	3.610	45	582724	9.940	ppbv	100
20) Methylene Chloride	3.970	84	407689	7.667	ppbv	94
21) Allyl Chloride	4.034	41	757675	9.675	ppbv	98
22) trans-1,2-Dichloroethene	4.481	96	481445	9.869	ppbv	99
23) Vinyl Acetate	4.661	43	489918	9.423	ppbv #	97
24) 1,1-Dichloroethane	4.600	63	1011858	9.773	ppbv	99
25) Ethyl Acetate	5.240	43	2374479	9.468	ppbv	99
26) Hexane	5.246	57	986714	9.271	ppbv	97
27) Carbon Disulfide	4.163	76	1179326	10.544	ppbv	100
28) Methyl tert-Butyl Ether	4.623	73	887907	9.931	ppbv	98
29) Chloroform	5.311	83	1501959	9.776	ppbv	99
30) Cyclohexane	6.635	84	809118	9.818	ppbv	93
31) cis-1,2-Dichloroethene	5.115	61	950390	9.873	ppbv	95
32) 1,1,1-Trichloroethane	6.037	97	1483504	10.666	ppbv	100
34) 2-Butanone	4.825	43	1346863	10.268	ppbv	98
35) Carbon Tetrachloride	6.526	117	1556746	10.981	ppbv	98
36) Benzene	6.404	78	2038293	9.983	ppbv	97
37) 1,2-Dichloroethane	5.841	62	1125850	10.131	ppbv	99
38) Trichloroethene	7.327	130	1187224	10.759	ppbv	99
39) 1,2-Dichloropropane	7.108	63	786189	9.972	ppbv	96
40) 1,4-Dioxane	7.317	88	299442	9.302	ppbv #	1
41) Tetrahydrofuran	5.594	42	813203	10.105	ppbv	97
42) Bromodichloromethane	7.282	83	1613289	10.438	ppbv	99
43) Methyl Methacrylate	7.510	69	803652	10.798	ppbv	97
44) 2,2,4-Trimethylpentane	7.362	57	3484146	9.901	ppbv	99
45) t-1,3-Dichloropropene	8.741	75	755882	12.018	ppbv	96

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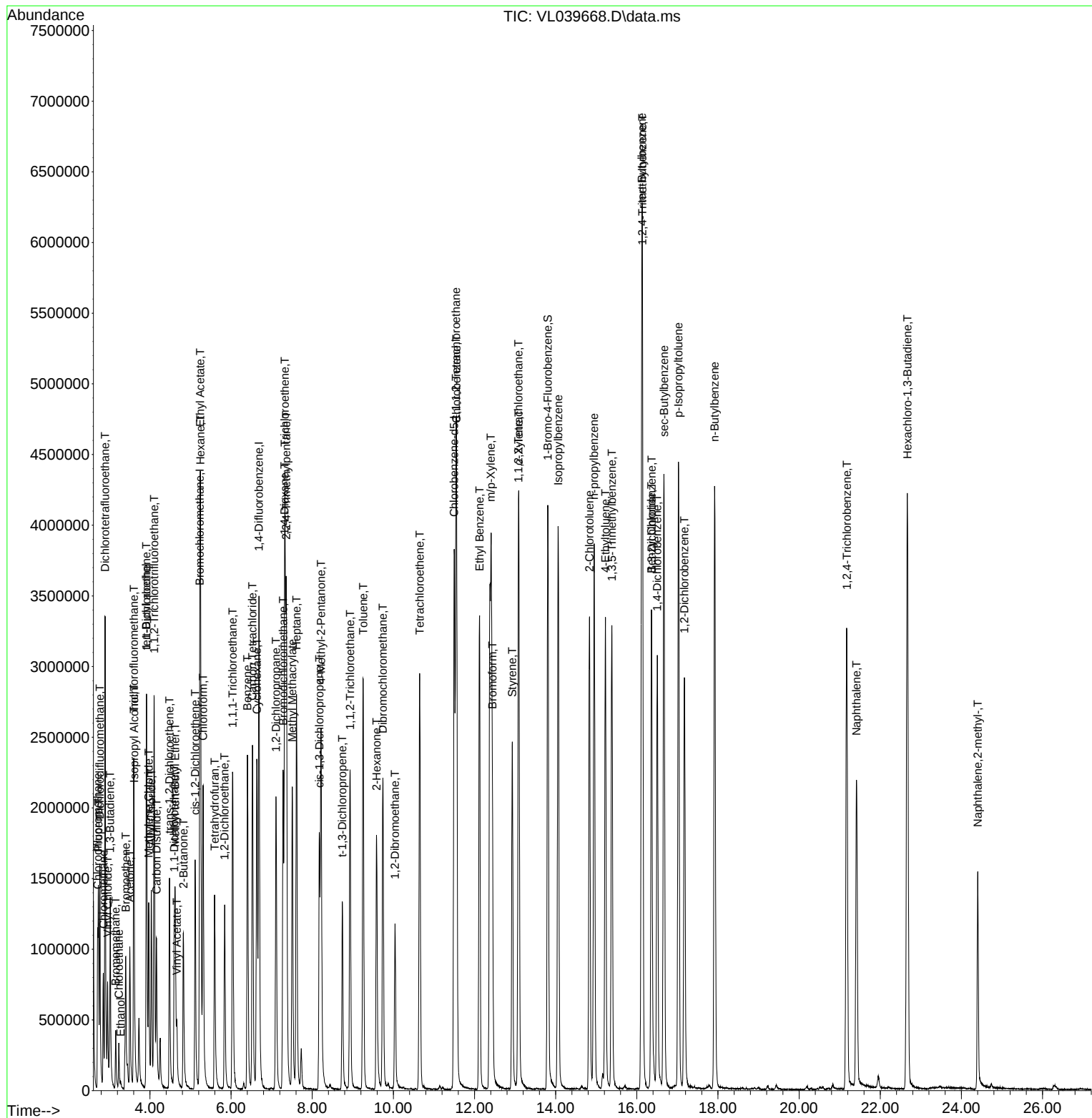
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.175	75	1039566	11.611	ppbv	99
47) 1,1,2-Trichloroethane	8.934	97	832462	9.660	ppbv	98
48) Dibromochloromethane	9.741	129	1370110	10.558	ppbv	99
49) Bromoform	12.439	173	1103704	10.283	ppbv	99
50) 4-Methyl-2-Pentanone	8.217	43	2193726	10.643	ppbv	97
51) 2-Hexanone	9.584	43	1691076	11.083	ppbv #	99
52) Tetrachloroethene	10.651	164	759456	9.750	ppbv	93
53) Toluene	9.256	91	2389031	10.521	ppbv	99
54) 1,2-Dibromoethane	10.040	107	961853	10.433	ppbv	100
56) 1,1,1,2-Tetrachloroethane	11.542	131	1013397	7.968	ppbv	95
57) Chlorobenzene	11.558	112	1793831	7.751	ppbv	96
58) Ethyl Benzene	12.124	91	3104488	8.555	ppbv	99
59) m/p-Xylene	12.404	91	3012454	9.328	ppbv #	48
60) o-Xylene	13.092	91	2508590	8.134	ppbv	100
61) Styrene	12.931	104	1468162	8.839	ppbv	100
62) Isopropylbenzene	14.063	105	3615207	7.790	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.082	83	949055	7.715	ppbv	98
64) n-propylbenzene	14.947	120	935096	7.869	ppbv	96
65) tert-Butylbenzene	16.124	119	3182031	7.761	ppbv	100
66) Benzyl Chloride	16.358	91	247134	7.570	ppbv	99
67) sec-Butylbenzene	16.670	105	4424312	7.693	ppbv	99
69) p-Isopropyltoluene	17.027	119	3694004	7.817	ppbv	99
70) n-Butylbenzene	17.918	91	3683047	7.951	ppbv	99
71) 2-Chlorotoluene	14.834	91	2628530	7.845	ppbv	99
72) 4-Ethyltoluene	15.227	105	2832072	8.044	ppbv	100
73) 1,3,5-Trimethylbenzene	15.384	105	2605325	8.087	ppbv	99
74) 1,2,4-Trimethylbenzene	16.140	105	2775718	7.686	ppbv	97
75) 1,3-Dichlorobenzene	16.365	146	1649257	7.654	ppbv	99
76) 1,4-Dichlorobenzene	16.503	146	1615890	7.496	ppbv	99
77) 1,2-Dichlorobenzene	17.172	146	1600093	7.615	ppbv	99
78) Hexachloro-1,3-Butadiene	22.670	225	1284936	8.003	ppbv	99
79) Naphthalene	21.413	128	2679910	11.245	ppbv	99
80) Naphthalene,2-methyl-	24.403	142	971198	10.838	ppbv	96
81) 1,2,4-Trichlorobenzene	21.175	180	1500232	9.584	ppbv	100

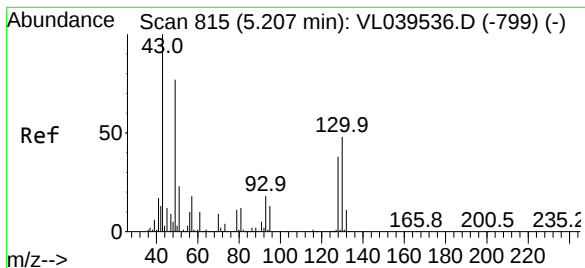
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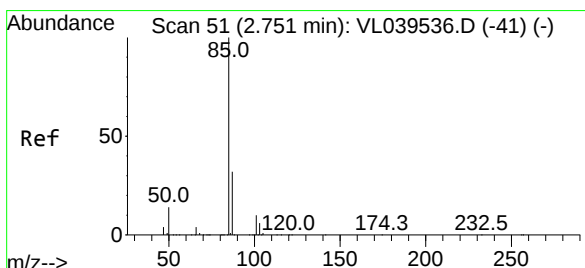
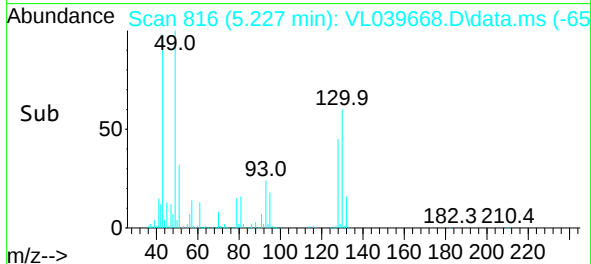
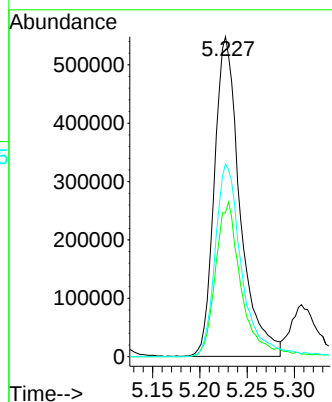
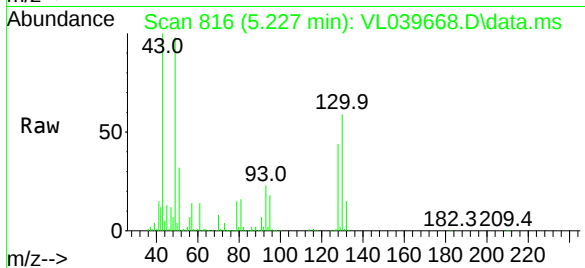




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.227 min Scan# 81
 Delta R.T. 0.020 min
 Lab File: VL039668.D
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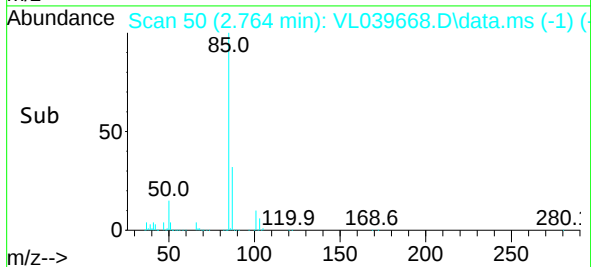
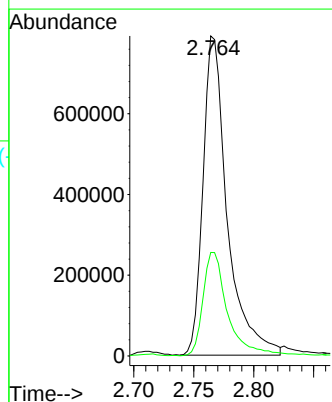
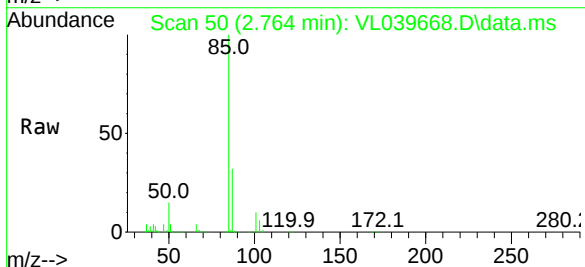
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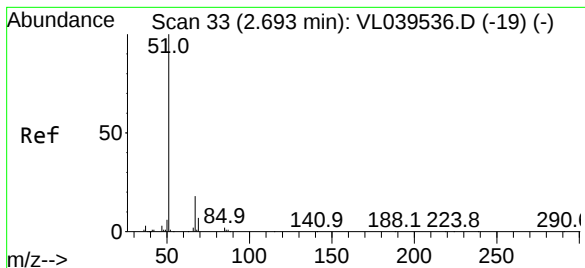
Tgt Ion: 49 Resp: 1033574
 Ion Ratio Lower Upper
 49 100
 128 50.1 26.7 80.0
 130 63.5 34.3 102.8



#2
 Dichlorodifluoromethane
 Concen: 9.304 ppbv
 RT: 2.764 min Scan# 50
 Delta R.T. 0.013 min
 Lab File: VL039668.D
 Acq: 22 Sep 2022 15:34

Tgt Ion: 85 Resp: 1114863
 Ion Ratio Lower Upper
 85 100
 87 32.4 26.7 40.1

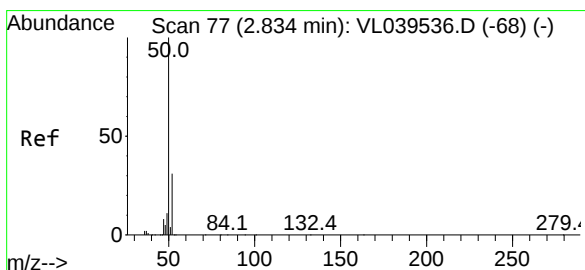
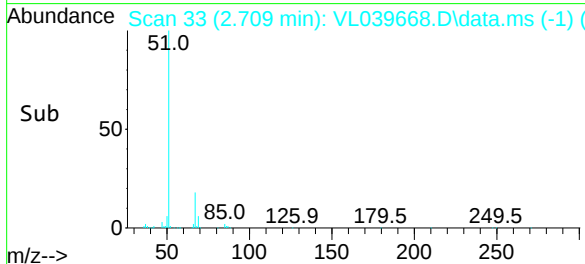
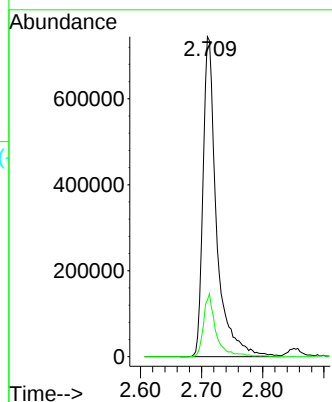
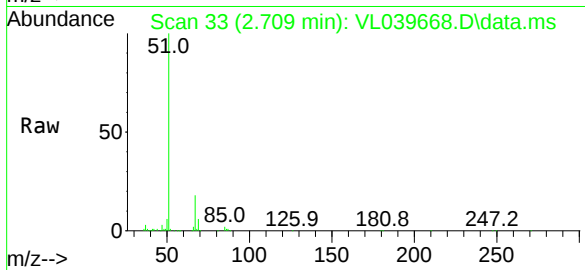




#3
 Chlorodifluoromethane
 Concen: 9.360 ppbv
 RT: 2.709 min Scan# 31
 Delta R.T. 0.017 min
 Lab File: VL039668.D
 Acq: 22 Sep 2022 15:34

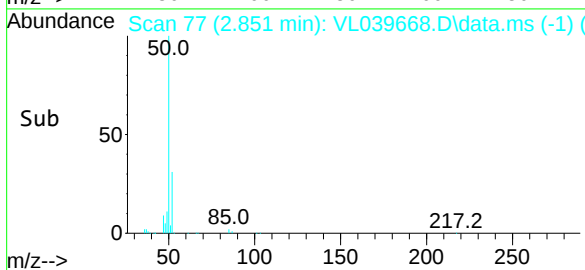
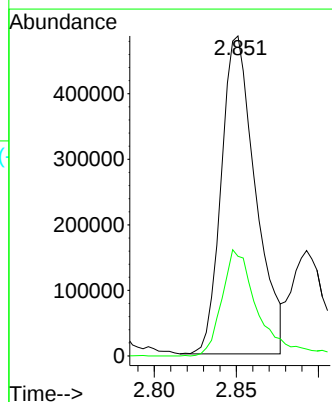
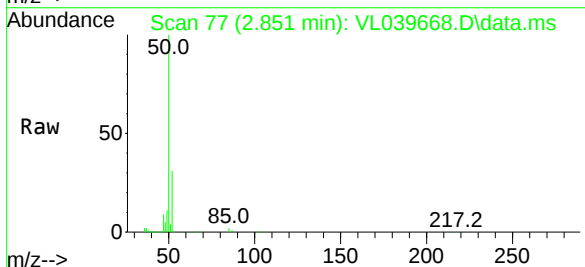
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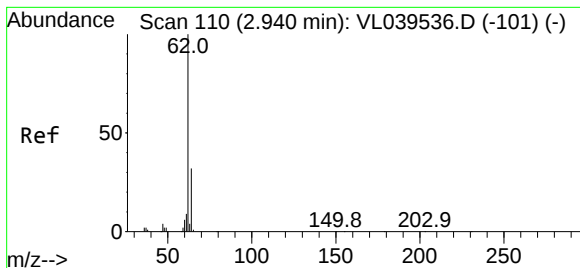
Tgt Ion: 51 Resp: 1148064
 Ion Ratio Lower Upper
 51 100
 67 18.1 15.7 23.5



#4
 Chloromethane
 Concen: 9.528 ppbv
 RT: 2.851 min Scan# 77
 Delta R.T. 0.017 min
 Lab File: VL039668.D
 Acq: 22 Sep 2022 15:34

Tgt Ion: 50 Resp: 705193
 Ion Ratio Lower Upper
 50 100
 52 31.4 26.5 39.7

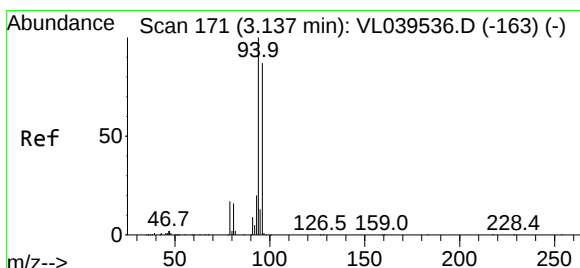
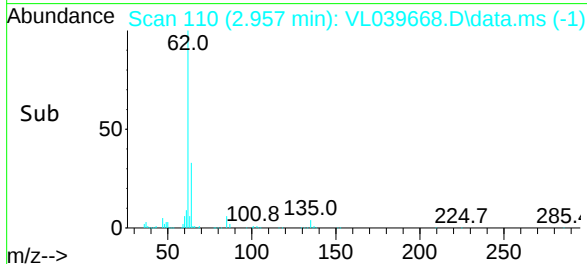
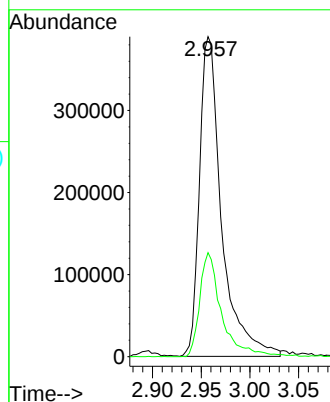
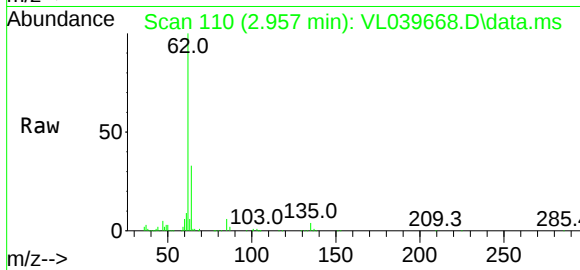




#5
 Vinyl Chloride
 Concen: 9.964 ppbv
 RT: 2.957 min Scan# 110
 Delta R.T. 0.017 min
 Lab File: VL039668.D
 Acq: 22 Sep 2022 15:34

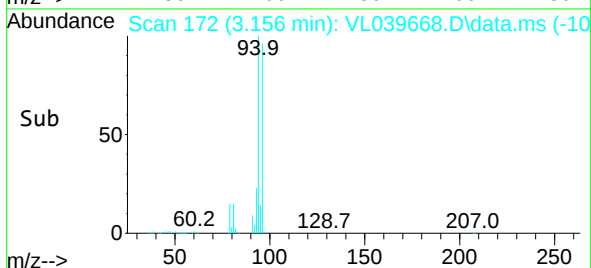
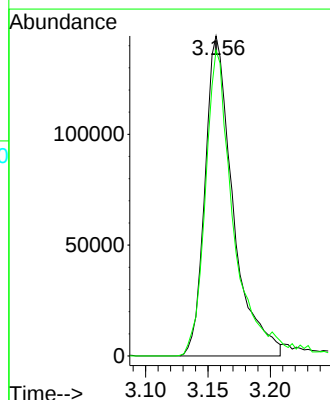
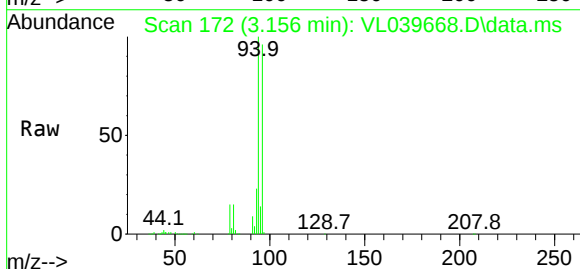
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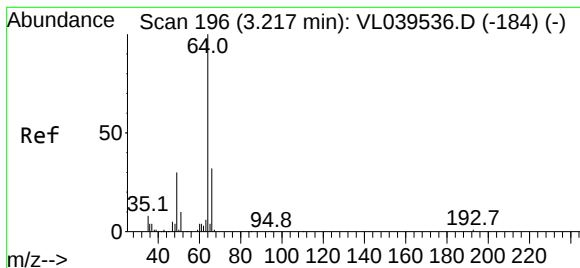
Tgt Ion: 62 Resp: 614708
 Ion Ratio Lower Upper
 62 100
 64 32.6 24.6 36.8



#6
 Bromomethane
 Concen: 9.940 ppbv
 RT: 3.156 min Scan# 172
 Delta R.T. 0.020 min
 Lab File: VL039668.D
 Acq: 22 Sep 2022 15:34

Tgt Ion: 94 Resp: 226165
 Ion Ratio Lower Upper
 94 100
 96 95.4 75.6 113.4

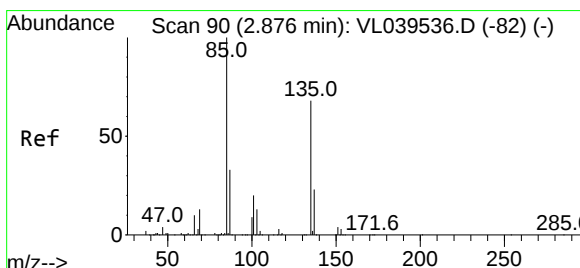
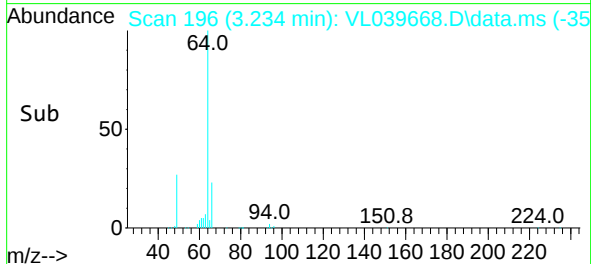
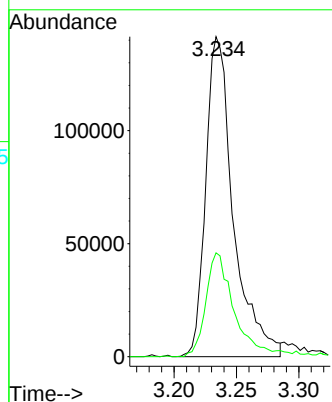
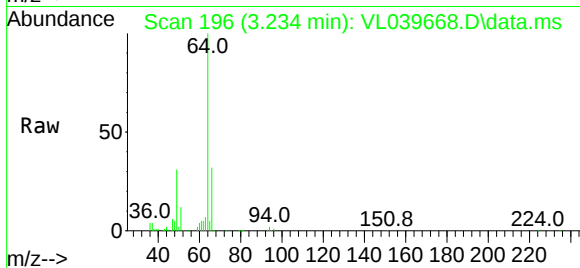




#7
Chloroethane
Concen: 9.662 ppbv
RT: 3.234 min Scan# 196
Delta R.T. 0.017 min
Lab File: VL039668.D
Acq: 22 Sep 2022 15:34

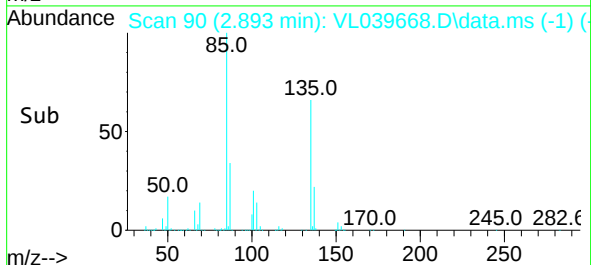
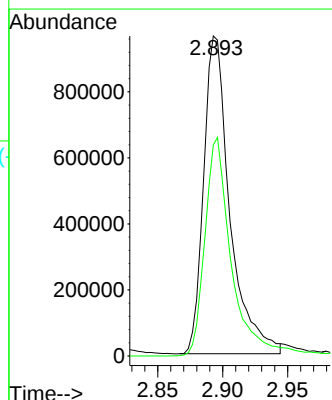
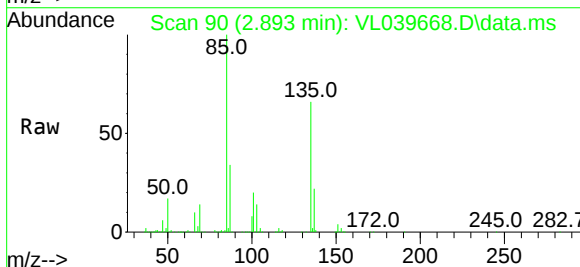
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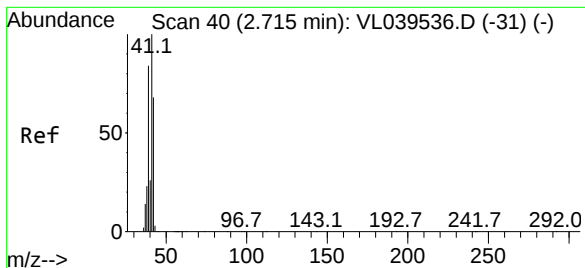
Tgt Ion: 64 Resp: 217989
Ion Ratio Lower Upper
64 100
66 32.5 24.7 37.1



#8
Dichlorotetrafluoroethane
Concen: 9.429 ppbv
RT: 2.893 min Scan# 90
Delta R.T. 0.017 min
Lab File: VL039668.D
Acq: 22 Sep 2022 15:34

Tgt Ion: 85 Resp: 1355221
Ion Ratio Lower Upper
85 100
135 71.3 59.0 88.4





#9

Propene

Concen: 9.400 ppbv

RT: 2.732 min Scan# 40

Delta R.T. 0.017 min

Lab File: VL039668.D

Acq: 22 Sep 2022 15:34

Instrument :

MSVOA_1

ClientSampleId :

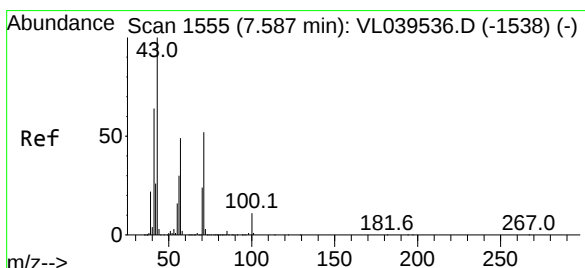
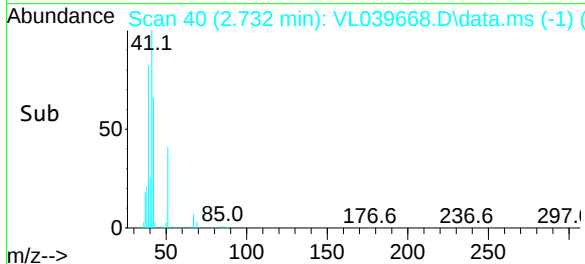
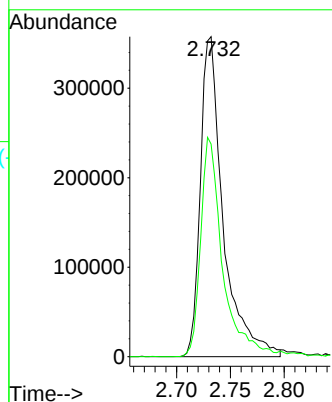
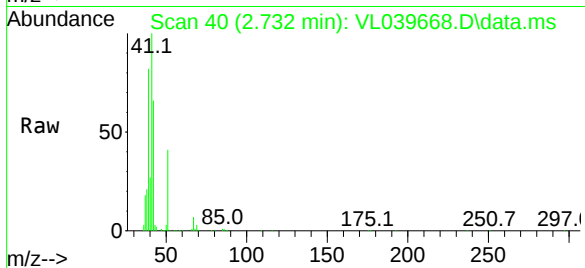
VSTDCCC010

Tgt Ion: 41 Resp: 526562

Ion Ratio Lower Upper

41 100

42 67.6 55.2 82.8



#10

Heptane

Concen: 10.065 ppbv

RT: 7.613 min Scan# 1558

Delta R.T. 0.026 min

Lab File: VL039668.D

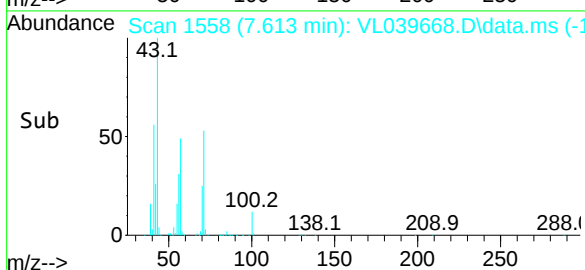
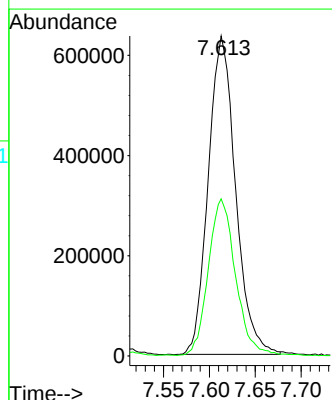
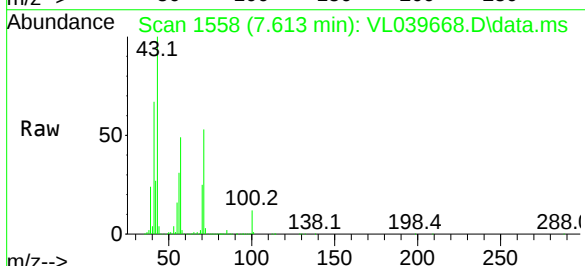
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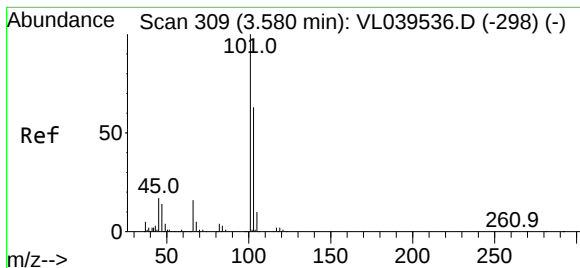
Tgt Ion: 43 Resp: 1315737

Ion Ratio Lower Upper

43 100

57 50.2 40.5 60.7

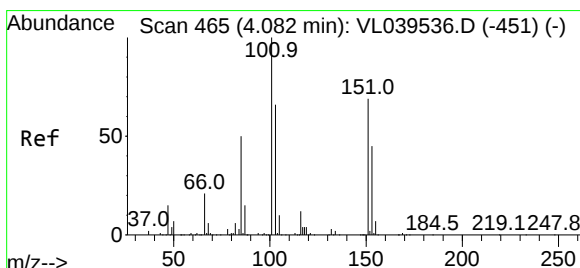
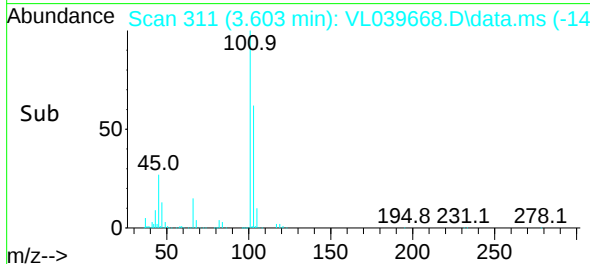
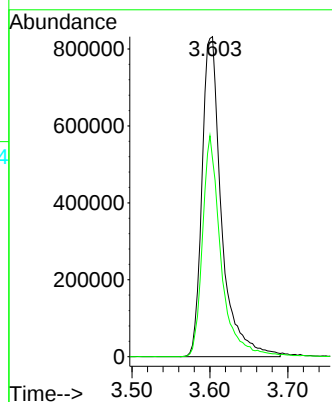
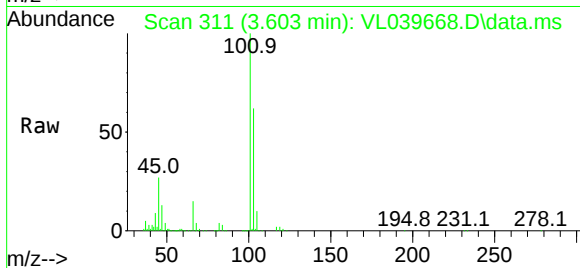




#11
 Trichlorofluoromethane
 Concen: 9.764 ppbv
 RT: 3.603 min Scan# 311
 Delta R.T. 0.023 min
 Lab File: VL039668.D
 Acq: 22 Sep 2022 15:34

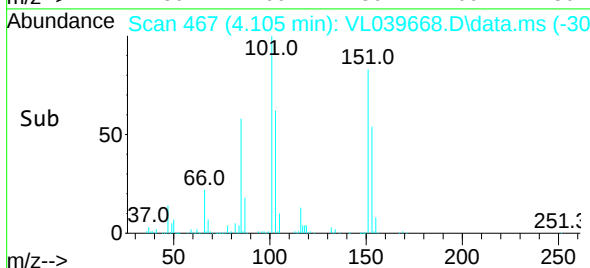
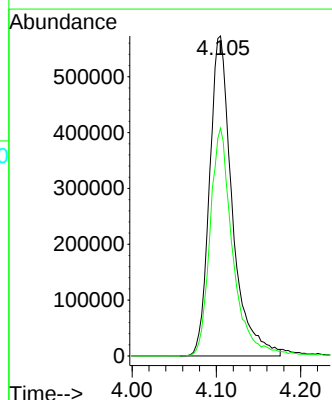
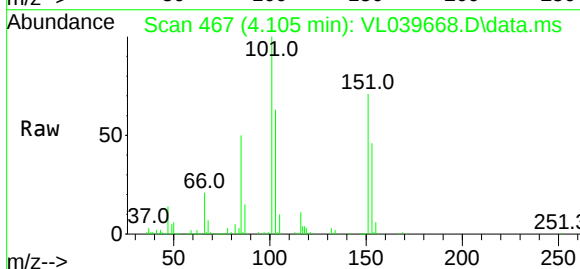
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

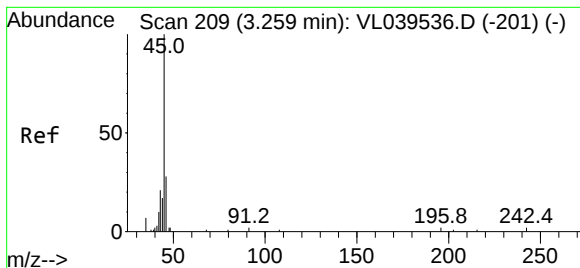
Tgt Ion:101 Resp: 1448931
 Ion Ratio Lower Upper
 101 100
 103 61.9 51.8 77.8



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.562 ppbv
 RT: 4.105 min Scan# 467
 Delta R.T. 0.023 min
 Lab File: VL039668.D
 Acq: 22 Sep 2022 15:34

Tgt Ion:101 Resp: 1071746
 Ion Ratio Lower Upper
 101 100
 151 71.9 58.9 88.3





#13

Ethanol

Concen: 7.013 ppbv

RT: 3.279 min Scan# 210

Delta R.T. 0.020 min

Lab File: VL039668.D

Acq: 22 Sep 2022 15:34

Instrument :

MSVOA_L

ClientSampleId :

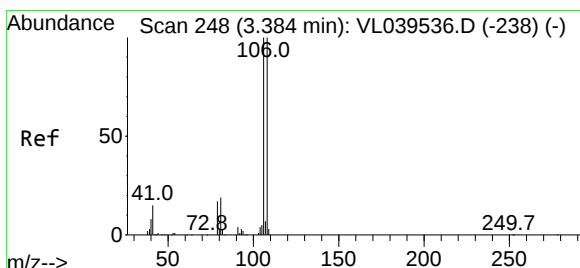
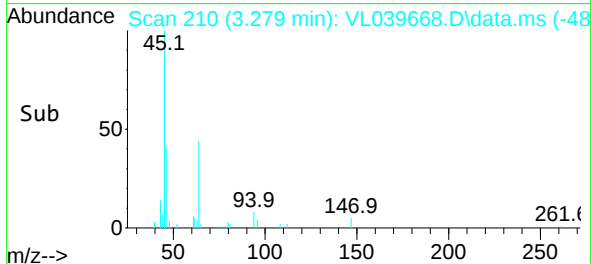
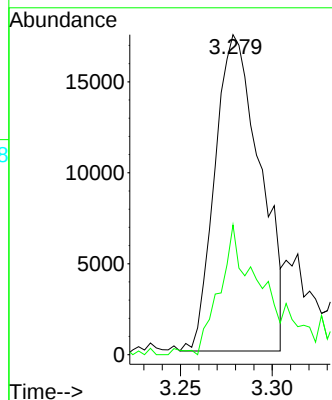
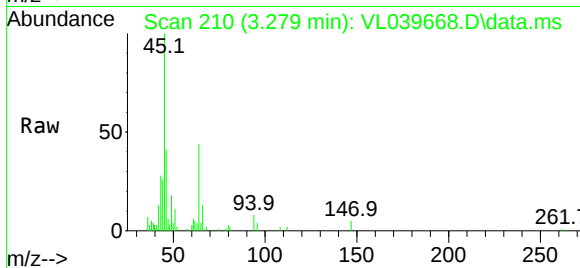
VSTDCCC010

Tgt Ion: 45 Resp: 29935

Ion Ratio Lower Upper

45 100

46 46.8 22.8 91.2



#14

Bromoethene

Concen: 9.546 ppbv

RT: 3.404 min Scan# 249

Delta R.T. 0.020 min

Lab File: VL039668.D

Acq: 22 Sep 2022 15:34

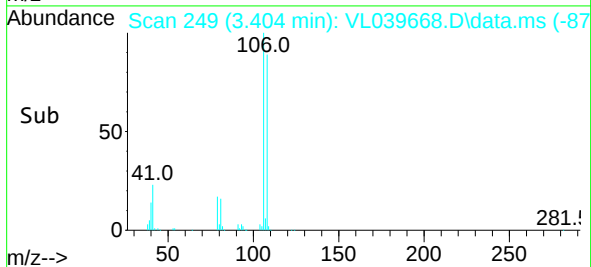
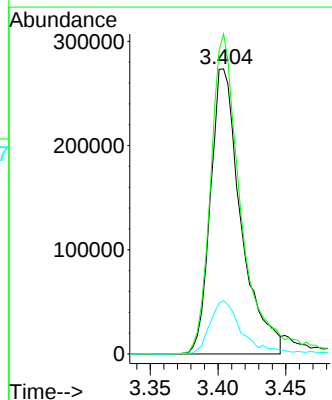
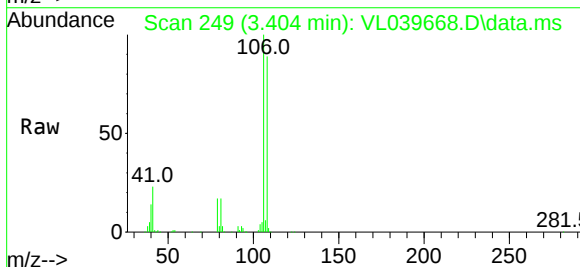
Tgt Ion: 108 Resp: 427119

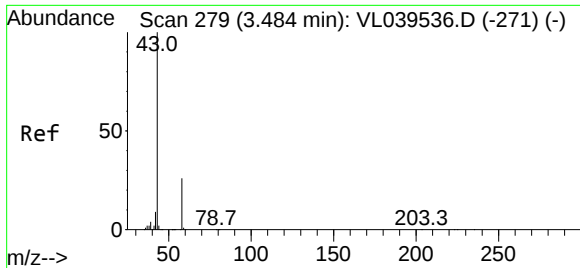
Ion Ratio Lower Upper

108 100

106 116.0 87.1 130.7

79 20.6 14.6 22.0

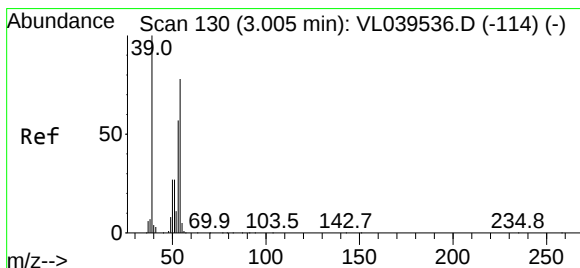
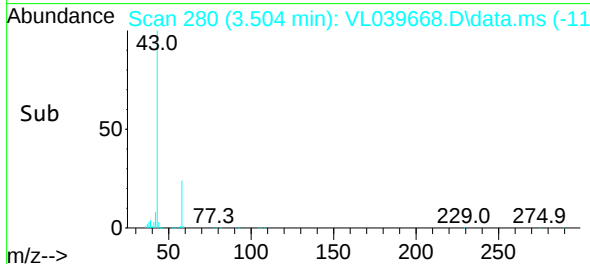
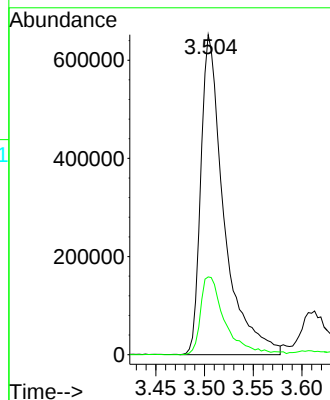
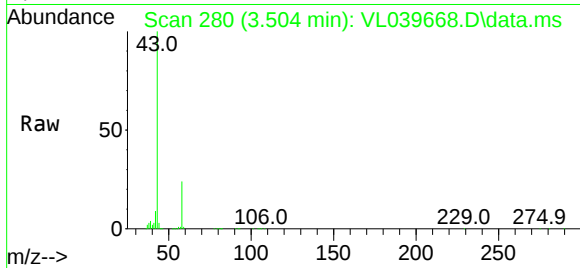




#15
Acetone
Concen: 9.366 ppbv
RT: 3.504 min Scan# 21
Delta R.T. 0.020 min
Lab File: VL039668.D
Acq: 22 Sep 2022 15:34

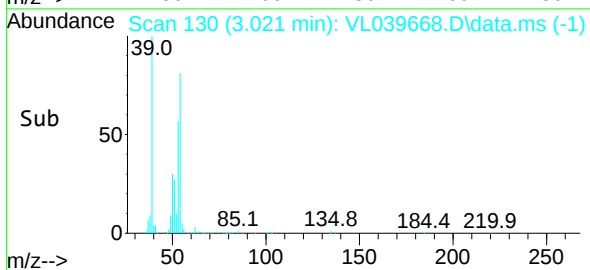
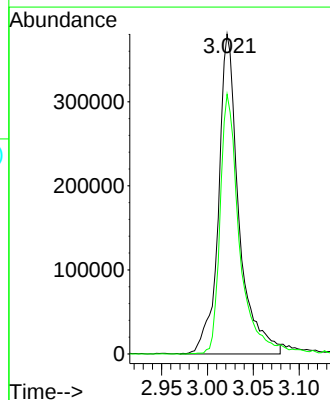
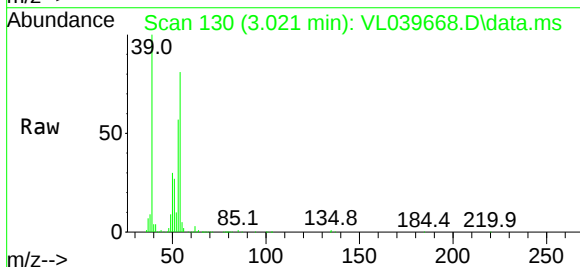
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

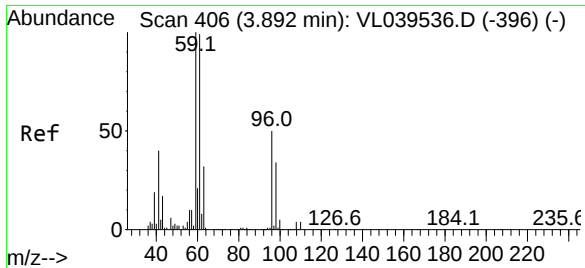
Tgt Ion: 43 Resp: 1077170
Ion Ratio Lower Upper
43 100
58 25.8 21.0 31.6



#16
1,3-Butadiene
Concen: 10.087 ppbv
RT: 3.021 min Scan# 130
Delta R.T. 0.017 min
Lab File: VL039668.D
Acq: 22 Sep 2022 15:34

Tgt Ion: 39 Resp: 588496
Ion Ratio Lower Upper
39 100
54 78.8 63.7 95.5

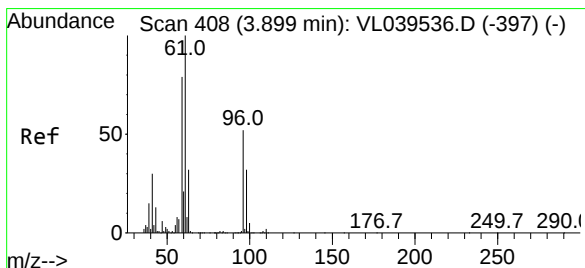
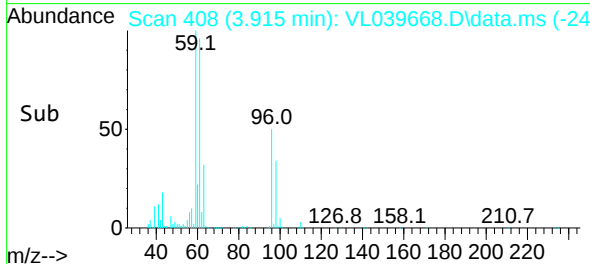
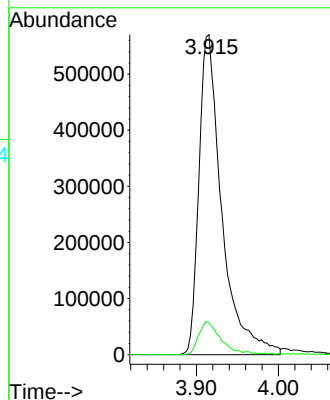
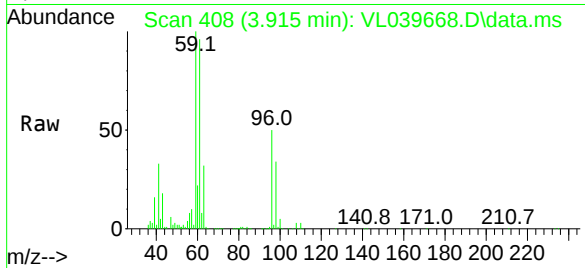




#17
tert-Butyl alcohol
Concen: 10.695 ppbv
RT: 3.915 min Scan# 408
Delta R.T. 0.023 min
Lab File: VL039668.D
Acq: 22 Sep 2022 15:34

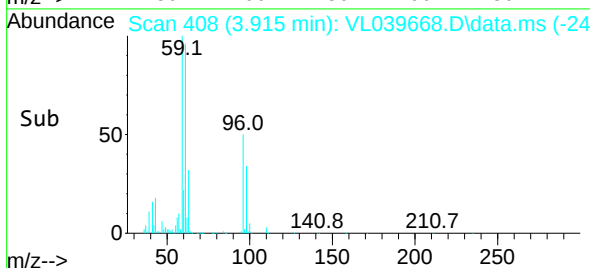
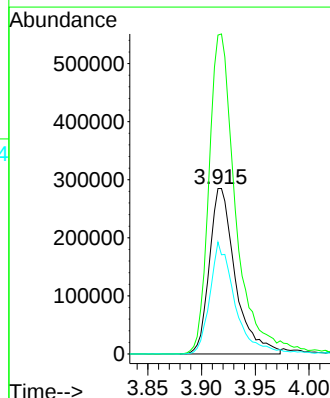
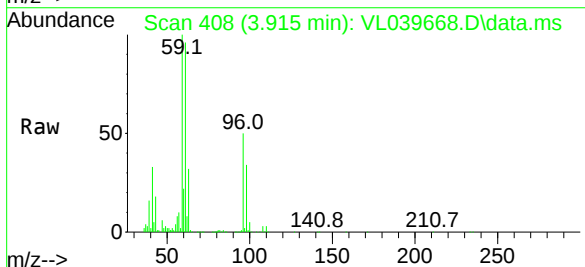
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

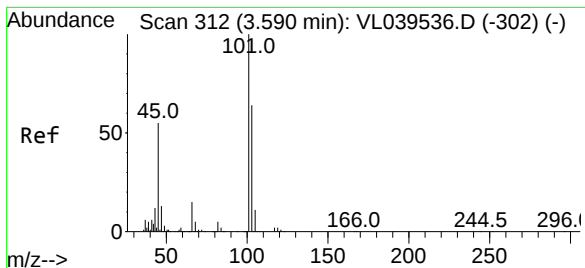
Tgt Ion: 59 Resp: 1103847
Ion Ratio Lower Upper
59 100
57 10.8 8.7 13.1



#18
1,1-Dichloroethene
Concen: 9.701 ppbv
RT: 3.915 min Scan# 408
Delta R.T. 0.017 min
Lab File: VL039668.D
Acq: 22 Sep 2022 15:34

Tgt Ion: 96 Resp: 478372
Ion Ratio Lower Upper
96 100
61 192.7 152.2 228.4
98 67.6 51.8 77.6





#19

Isopropyl Alcohol

Concen: 9.940 ppbv

RT: 3.610 min Scan# 312

Delta R.T. 0.020 min

Lab File: VL039668.D

Acq: 22 Sep 2022 15:34

Instrument :

MSVOA_L

ClientSampleId :

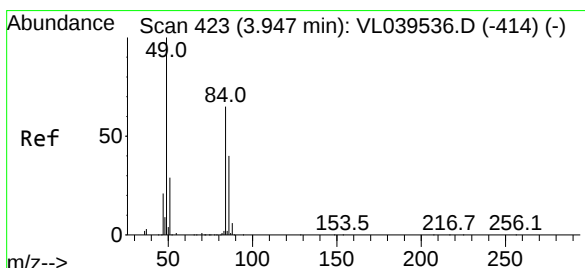
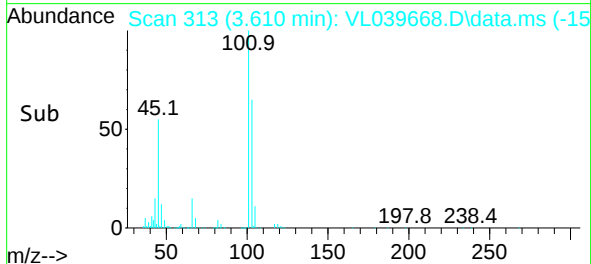
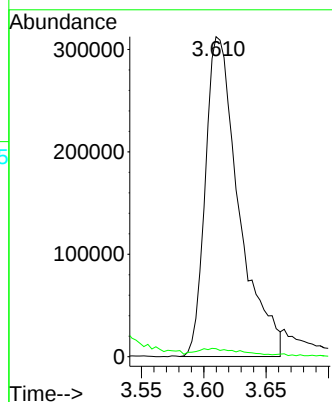
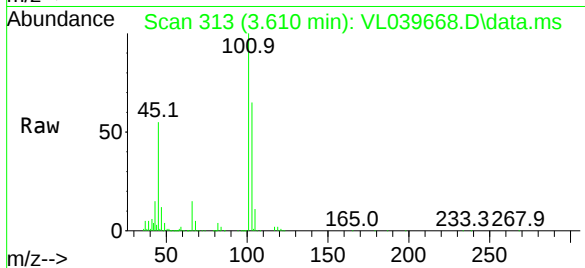
VSTDCCC010

Tgt Ion: 45 Resp: 582724

Ion Ratio Lower Upper

45 100

58 3.9 3.2 4.8



#20

Methylene Chloride

Concen: 7.667 ppbv

RT: 3.970 min Scan# 425

Delta R.T. 0.023 min

Lab File: VL039668.D

Acq: 22 Sep 2022 15:34

Tgt Ion: 84 Resp: 407689

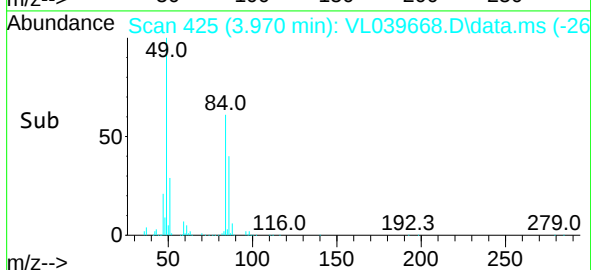
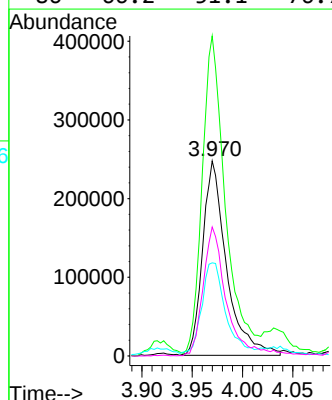
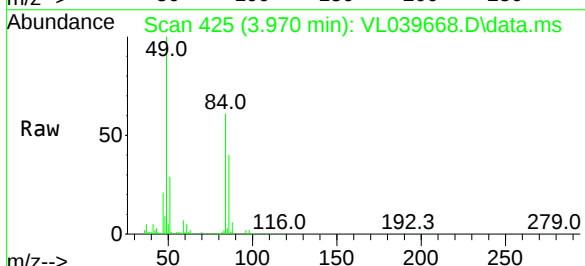
Ion Ratio Lower Upper

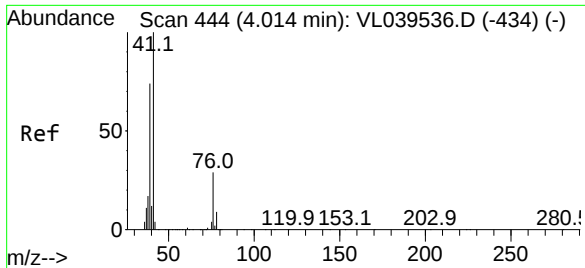
84 100

49 162.8 123.1 184.7

51 46.6 34.4 51.6

86 66.2 51.1 76.7

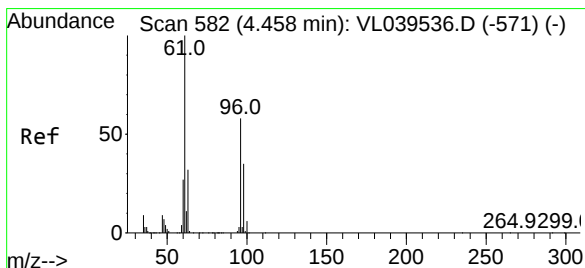
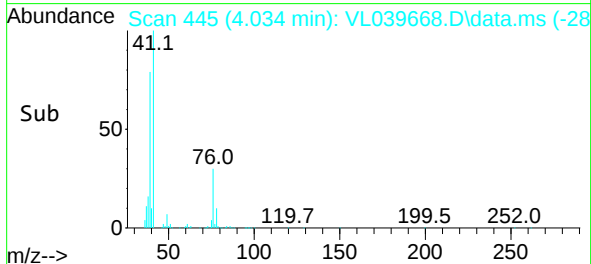
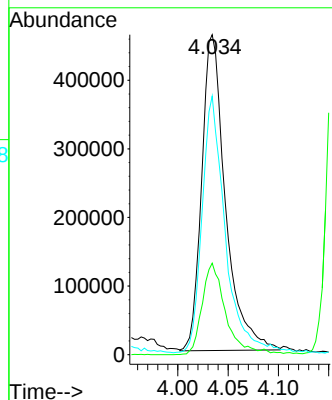
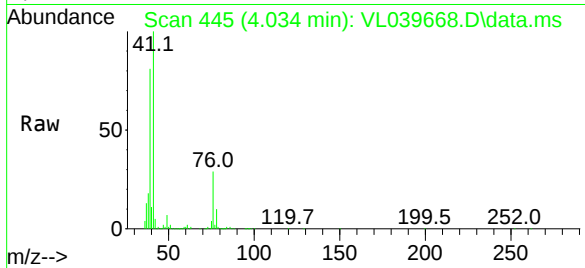




#21
 Allyl Chloride
 Concen: 9.675 ppbv
 RT: 4.034 min Scan# 444
 Delta R.T. 0.020 min
 Lab File: VL039668.D
 Acq: 22 Sep 2022 15:34

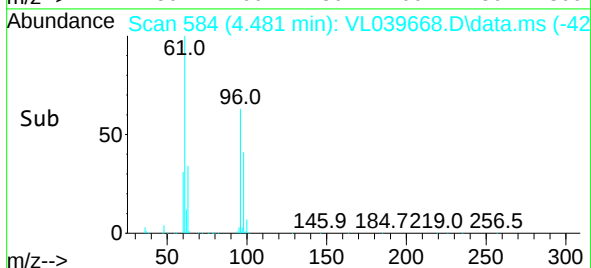
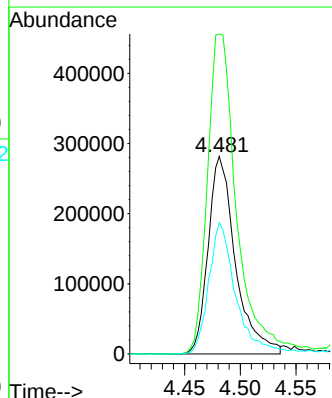
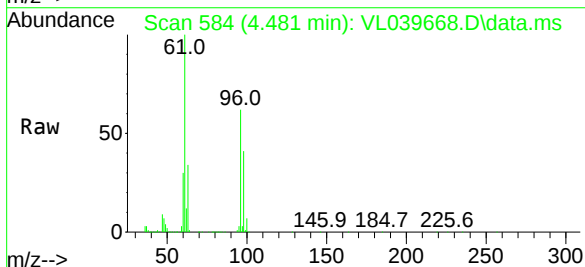
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

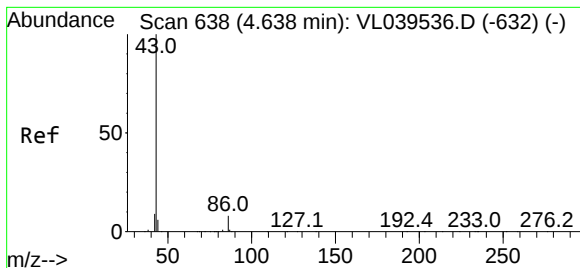
Tgt Ion: 41 Resp: 757675
 Ion Ratio Lower Upper
 41 100
 76 29.1 24.4 36.6
 39 80.5 63.5 95.3



#22
 trans-1,2-Dichloroethene
 Concen: 9.869 ppbv
 RT: 4.481 min Scan# 584
 Delta R.T. 0.023 min
 Lab File: VL039668.D
 Acq: 22 Sep 2022 15:34

Tgt Ion: 96 Resp: 481445
 Ion Ratio Lower Upper
 96 100
 61 161.9 130.6 195.8
 98 66.4 53.4 80.0



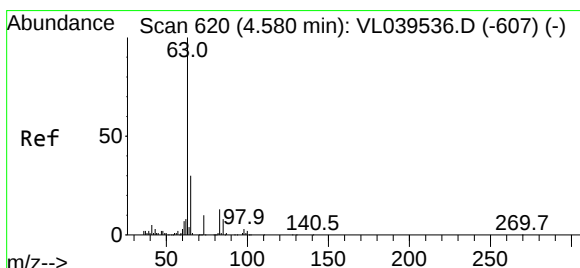
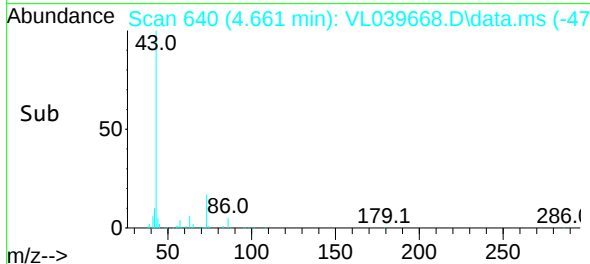
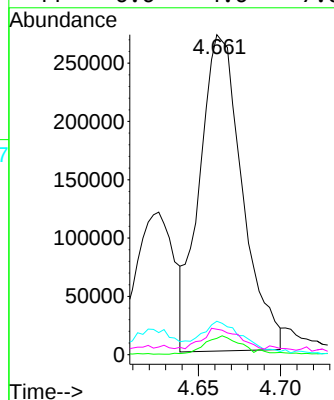
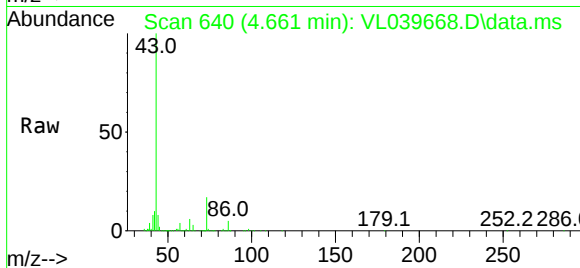


#23
 Vinyl Acetate
 Concen: 9.423 ppbv
 RT: 4.661 min Scan# 640
 Delta R.T. 0.023 min
 Lab File: VL039668.D
 Acq: 22 Sep 2022 15:34

Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 43 Resp: 489918

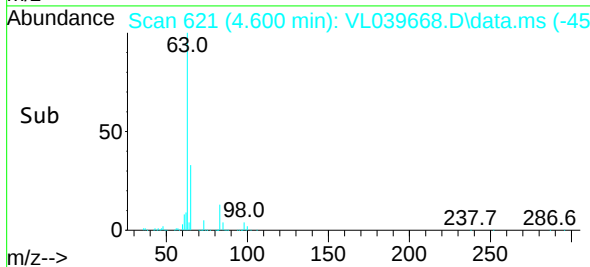
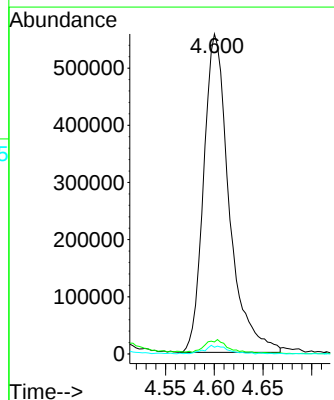
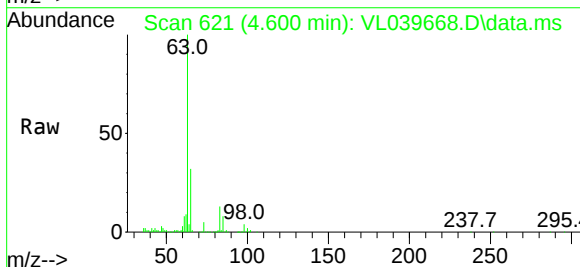
Ion	Ratio	Lower	Upper
43	100		
86	4.7	5.0	7.6
42	10.3	7.7	11.5
44	6.6	4.6	7.0

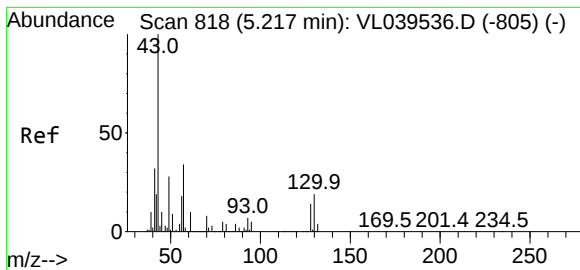


#24
 1,1-Dichloroethane
 Concen: 9.773 ppbv
 RT: 4.600 min Scan# 621
 Delta R.T. 0.020 min
 Lab File: VL039668.D
 Acq: 22 Sep 2022 15:34

Tgt Ion: 63 Resp: 1011858

Ion	Ratio	Lower	Upper
63	100		
98	3.4	1.8	5.3
100	1.9	1.5	4.4



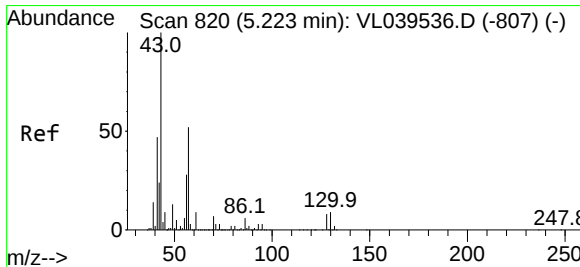
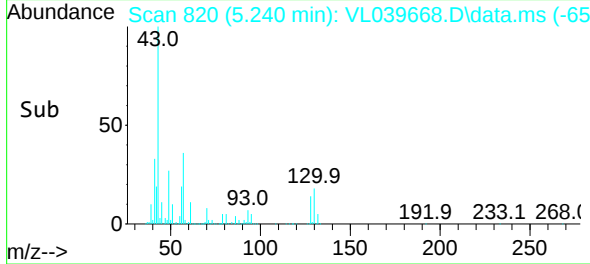
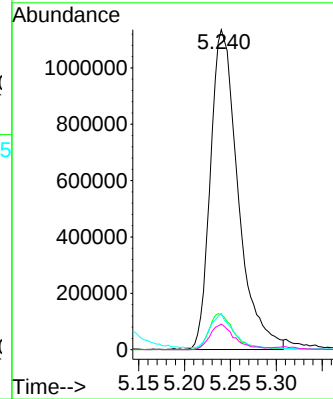
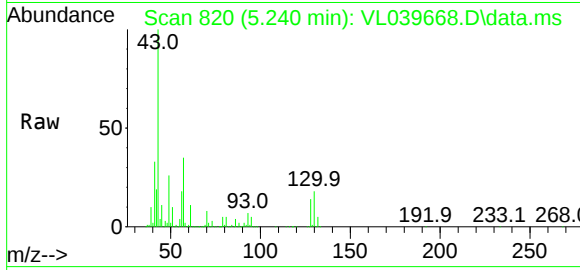


#25
Ethyl Acetate
Concen: 9.468 ppbv
RT: 5.240 min Scan# 818
Delta R.T. 0.023 min
Lab File: VL039668.D
Acq: 22 Sep 2022 15:34

Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 2374479

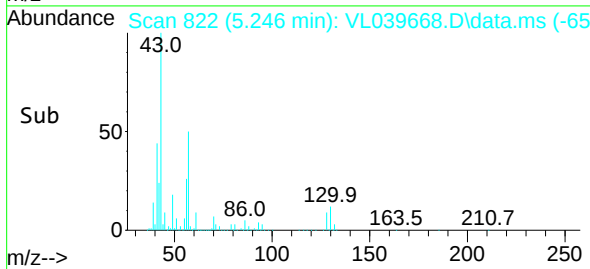
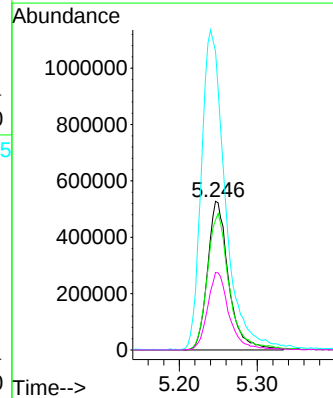
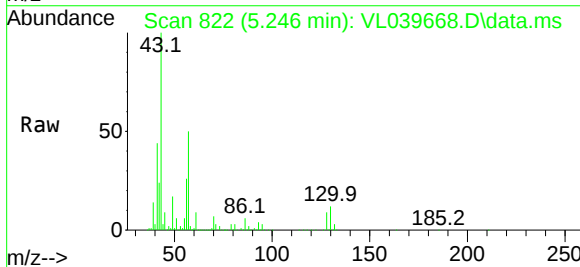
Ion	Ratio	Lower	Upper
43	100		
45	10.7	8.2	12.4
61	10.0	8.3	12.5
70	7.2	5.9	8.9

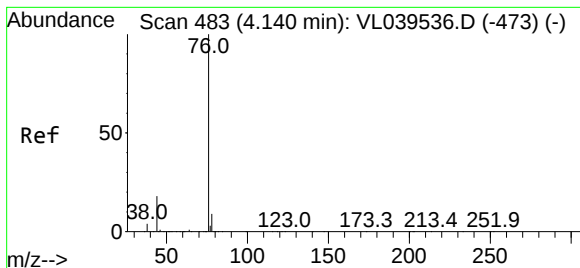


#26
Hexane
Concen: 9.271 ppbv
RT: 5.246 min Scan# 822
Delta R.T. 0.023 min
Lab File: VL039668.D
Acq: 22 Sep 2022 15:34

Tgt Ion: 57 Resp: 986714

Ion	Ratio	Lower	Upper
57	100		
41	96.5	76.9	115.3
43	246.7	191.0	286.6
56	54.2	43.2	64.8





#27

Carbon Disulfide

Concen: 10.544 ppbv

RT: 4.163 min Scan# 41

Delta R.T. 0.023 min

Lab File: VL039668.D

Acq: 22 Sep 2022 15:34

Instrument :

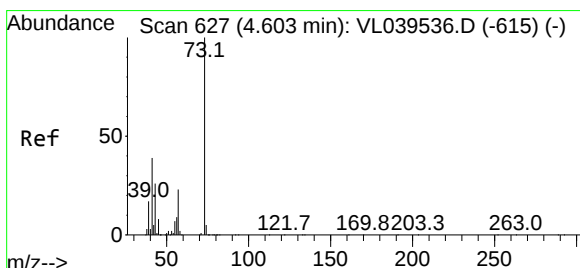
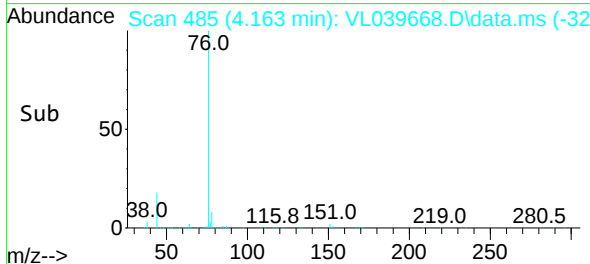
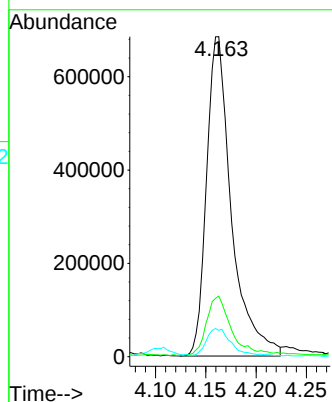
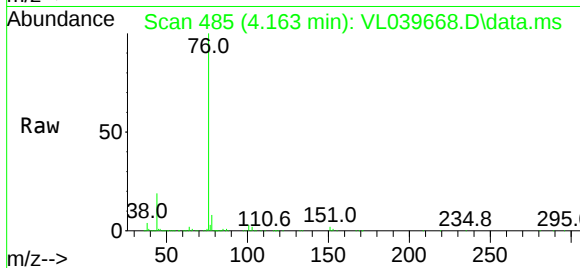
MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 76 Resp: 1179326

Ion	Ratio	Lower	Upper
76	100		
44	18.2	14.6	21.8
78	9.4	7.8	11.6



#28

Methyl tert-Butyl Ether

Concen: 9.931 ppbv

RT: 4.623 min Scan# 628

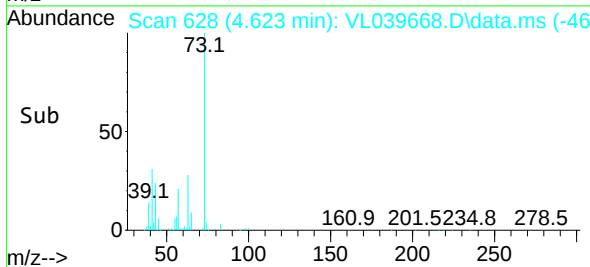
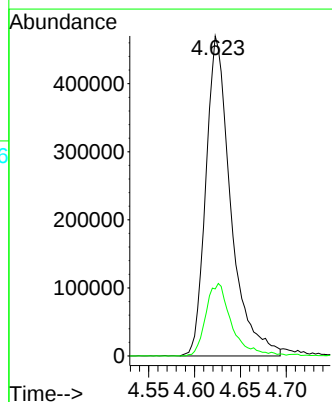
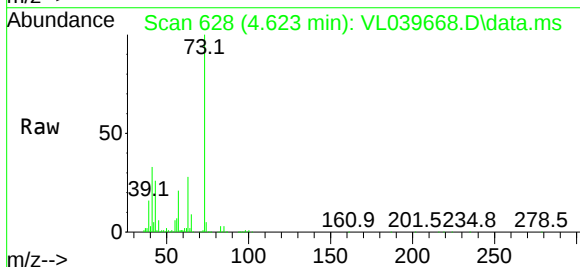
Delta R.T. 0.020 min

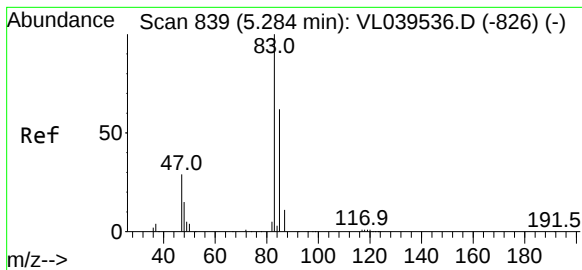
Lab File: VL039668.D

Acq: 22 Sep 2022 15:34

Tgt Ion: 73 Resp: 887907

Ion	Ratio	Lower	Upper
73	100		
57	23.9	19.8	29.8

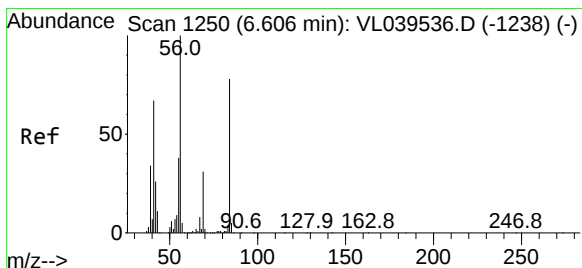
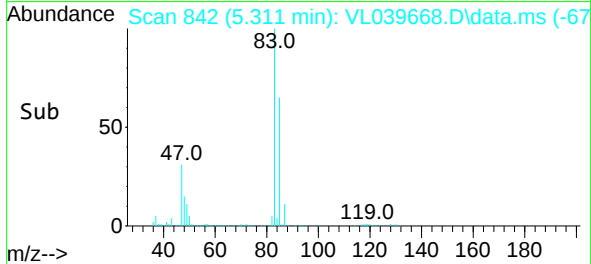
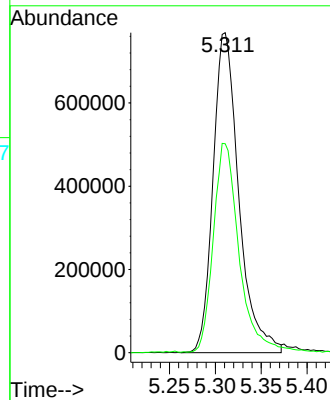
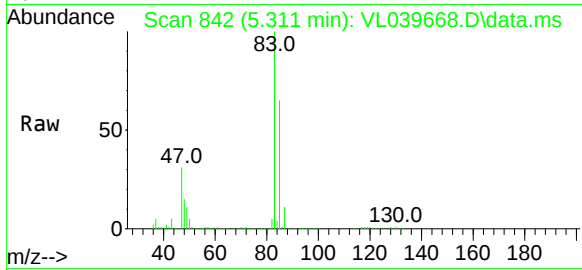




#29
Chloroform
Concen: 9.776 ppbv
RT: 5.311 min Scan# 84
Delta R.T. 0.026 min
Lab File: VL039668.D
Acq: 22 Sep 2022 15:34

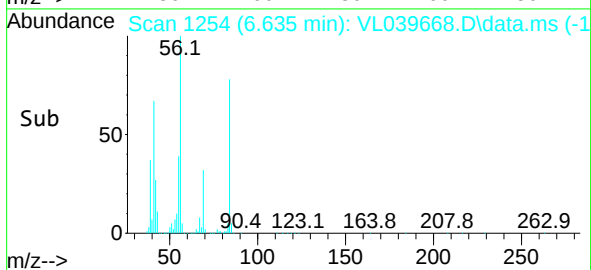
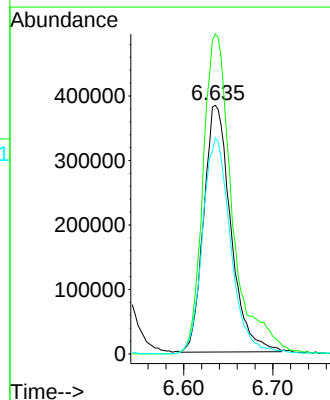
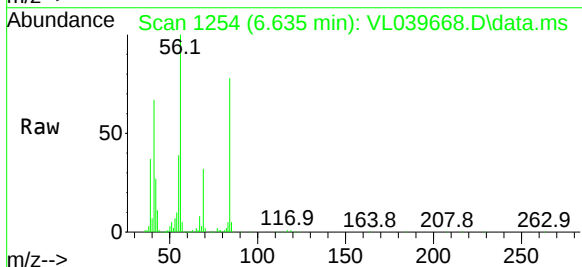
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

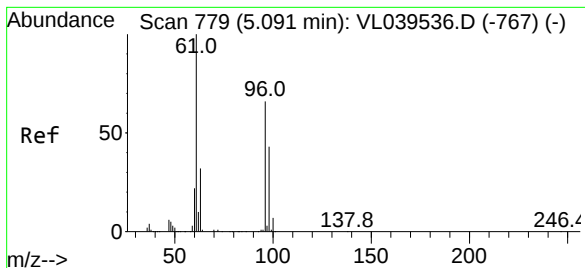
Tgt Ion: 83 Resp: 1501959
Ion Ratio Lower Upper
83 100
85 65.1 52.8 79.2



#30
Cyclohexane
Concen: 9.818 ppbv
RT: 6.635 min Scan# 1254
Delta R.T. 0.030 min
Lab File: VL039668.D
Acq: 22 Sep 2022 15:34

Tgt Ion: 84 Resp: 809118
Ion Ratio Lower Upper
84 100
56 141.5 107.7 161.5
41 91.7 67.7 101.5

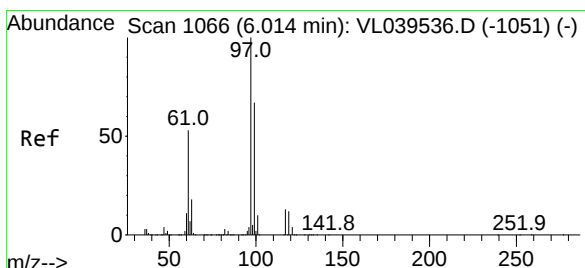
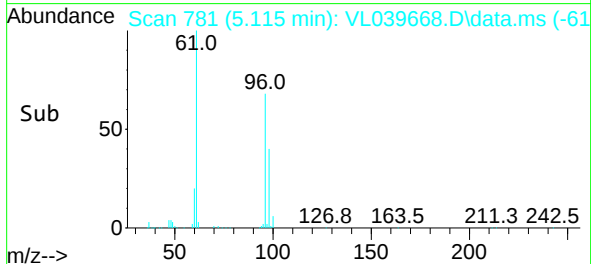
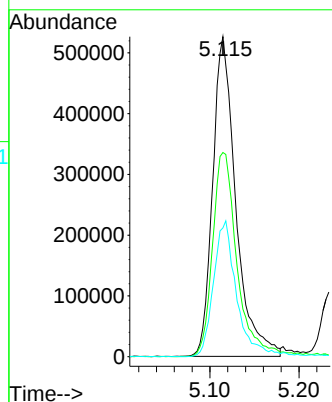
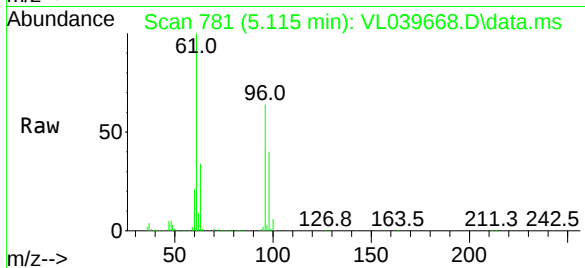




#31
 cis-1,2-Dichloroethene
 Concen: 9.873 ppbv
 RT: 5.115 min Scan# 779
 Delta R.T. 0.023 min
 Lab File: VL039668.D
 Acq: 22 Sep 2022 15:34

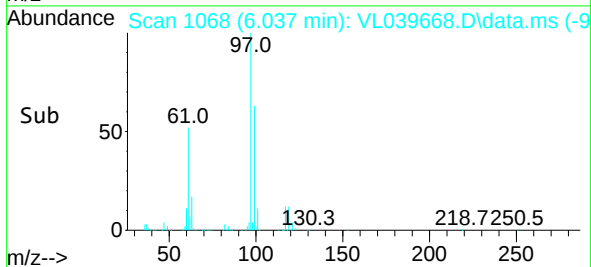
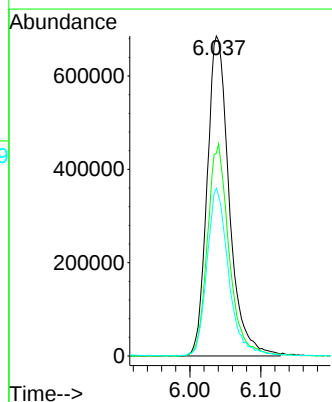
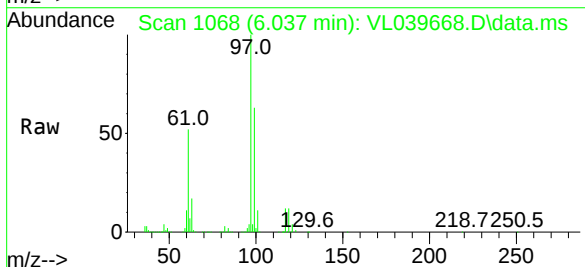
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

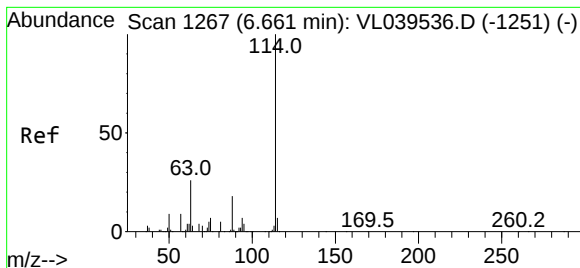
Tgt Ion: 61 Resp: 950390
 Ion Ratio Lower Upper
 61 100
 96 63.8 54.1 81.1
 98 40.3 34.6 52.0



#32
 1,1,1-Trichloroethane
 Concen: 10.666 ppbv
 RT: 6.037 min Scan# 1068
 Delta R.T. 0.023 min
 Lab File: VL039668.D
 Acq: 22 Sep 2022 15:34

Tgt Ion: 97 Resp: 1483504
 Ion Ratio Lower Upper
 97 100
 99 65.2 52.3 78.5
 61 51.4 40.9 61.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.687 min Scan# 114

Delta R.T. 0.026 min

Lab File: VL039668.D

Acq: 22 Sep 2022 15:34

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

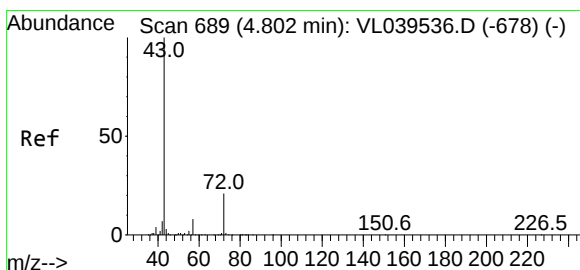
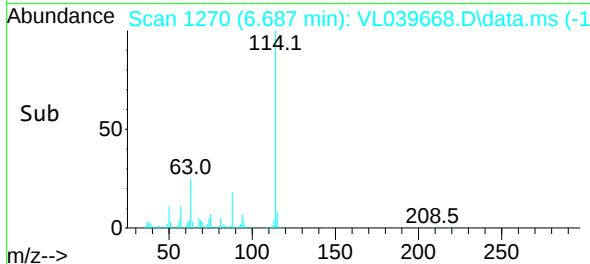
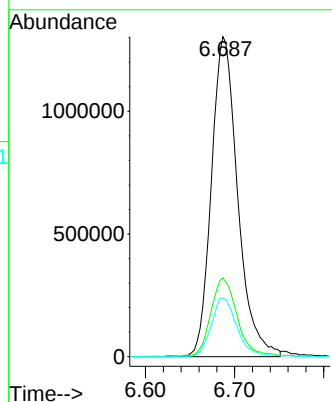
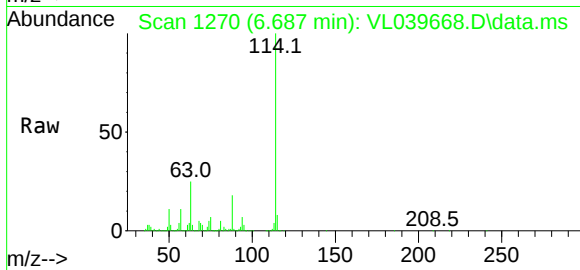
Tgt Ion:114 Resp: 2670569

Ion Ratio Lower Upper

114 100

63 25.1 20.2 30.4

88 18.2 14.5 21.7



#34

2-Butanone

Concen: 10.268 ppbv

RT: 4.825 min Scan# 691

Delta R.T. 0.023 min

Lab File: VL039668.D

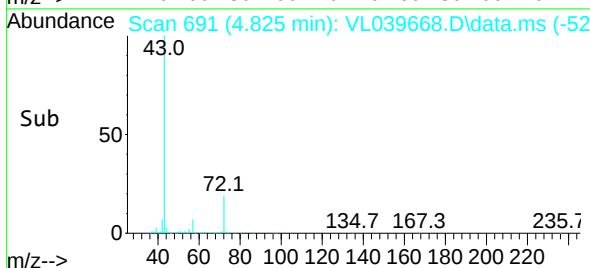
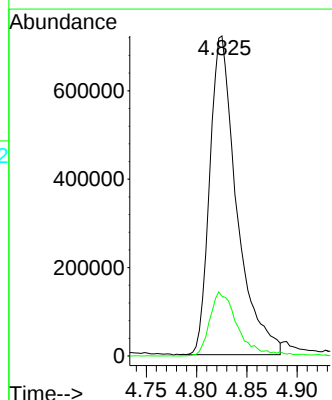
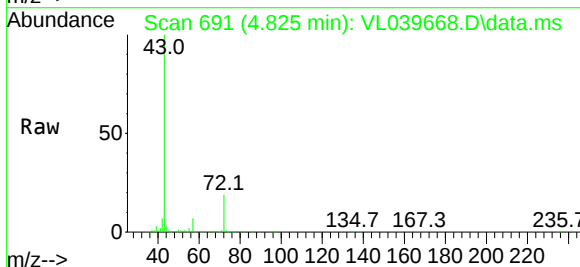
Acq: 22 Sep 2022 15:34

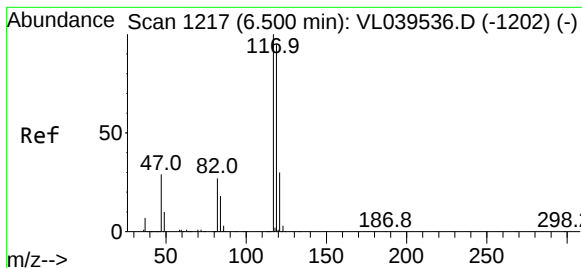
Tgt Ion: 43 Resp: 1346863

Ion Ratio Lower Upper

43 100

72 21.6 17.9 26.9

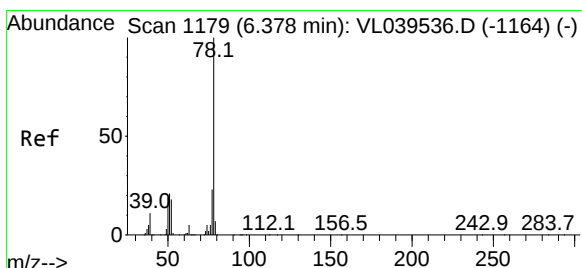
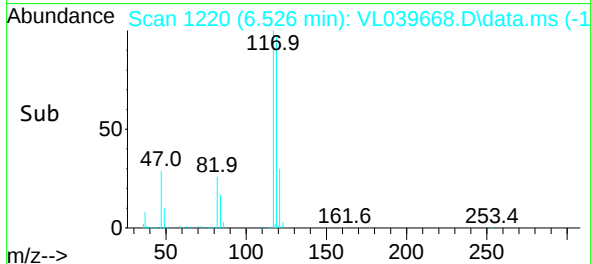
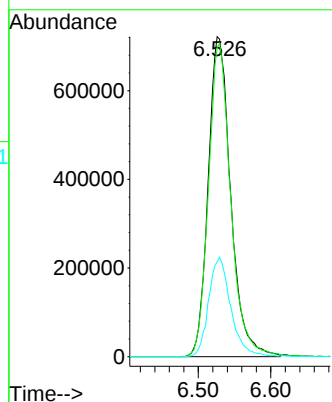
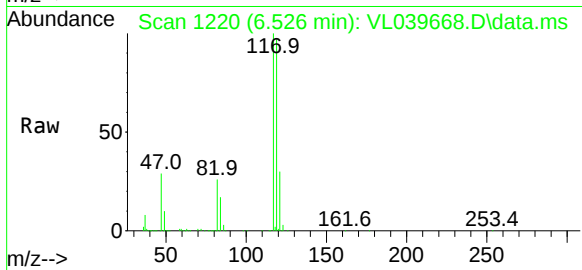




#35
Carbon Tetrachloride
Concen: 10.981 ppbv
RT: 6.526 min Scan# 1182
Delta R.T. 0.026 min
Lab File: VL039668.D
Acq: 22 Sep 2022 15:34

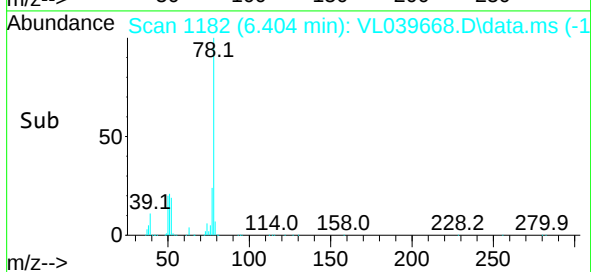
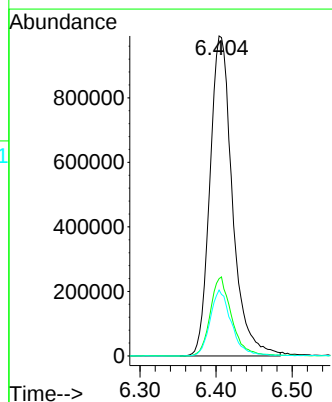
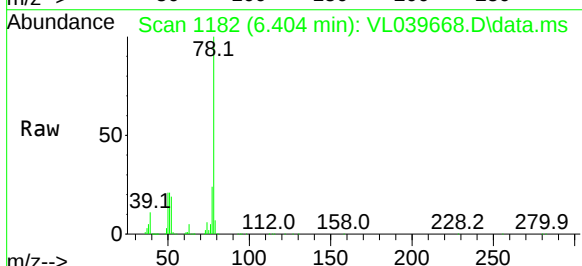
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

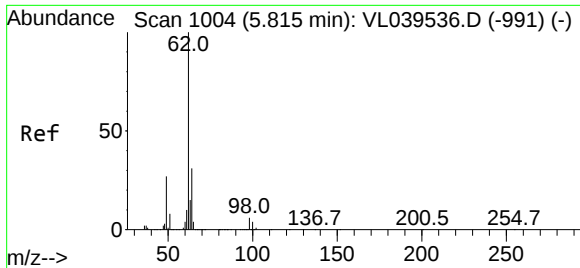
Tgt Ion:117 Resp: 1556746
Ion Ratio Lower Upper
117 100
119 96.7 75.4 113.2
121 29.7 24.2 36.2



#36
Benzene
Concen: 9.983 ppbv
RT: 6.404 min Scan# 1182
Delta R.T. 0.026 min
Lab File: VL039668.D
Acq: 22 Sep 2022 15:34

Tgt Ion: 78 Resp: 2038293
Ion Ratio Lower Upper
78 100
77 24.1 20.3 30.5
50 20.6 15.5 23.3

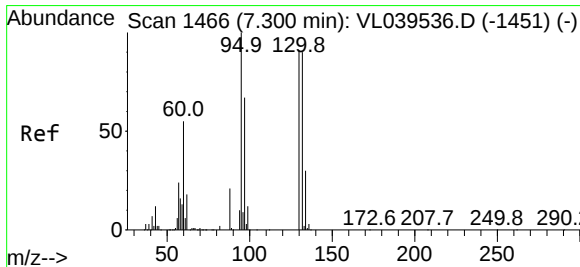
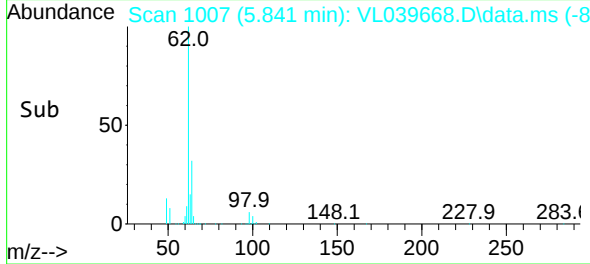
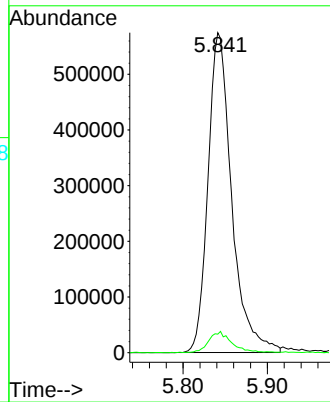
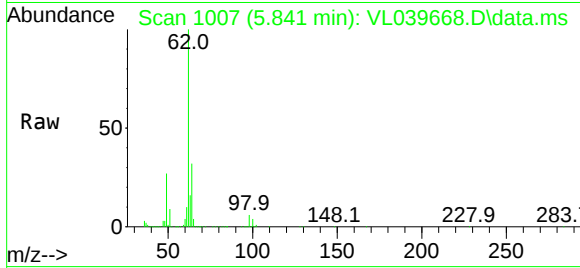




#37
1,2-Dichloroethane
Concen: 10.131 ppbv
RT: 5.841 min Scan# 1004
Delta R.T. 0.026 min
Lab File: VL039668.D
Acq: 22 Sep 2022 15:34

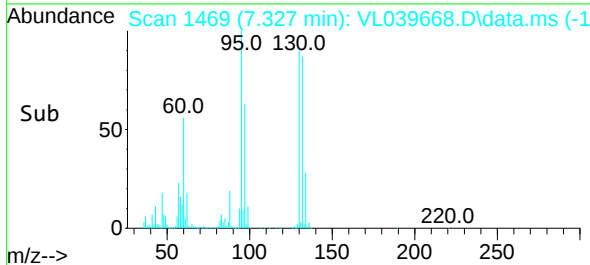
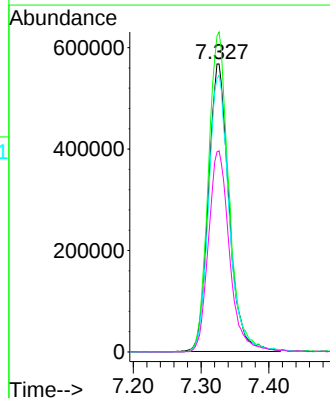
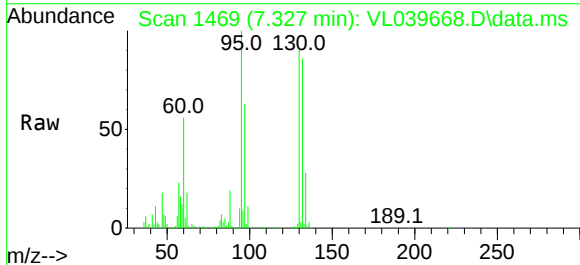
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

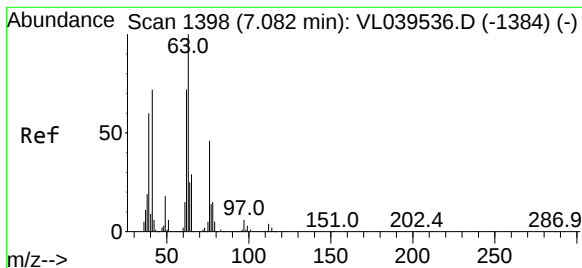
Tgt Ion: 62 Resp: 1125850
Ion Ratio Lower Upper
62 100
98 6.6 5.1 7.7



#38
Trichloroethene
Concen: 10.759 ppbv
RT: 7.327 min Scan# 1469
Delta R.T. 0.026 min
Lab File: VL039668.D
Acq: 22 Sep 2022 15:34

Tgt Ion:130 Resp: 1187224
Ion Ratio Lower Upper
130 100
95 111.3 87.3 130.9
132 96.2 76.7 115.1
97 70.0 56.5 84.7

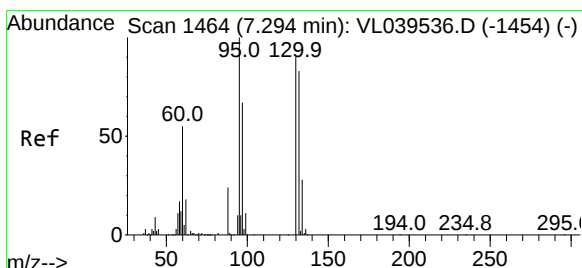
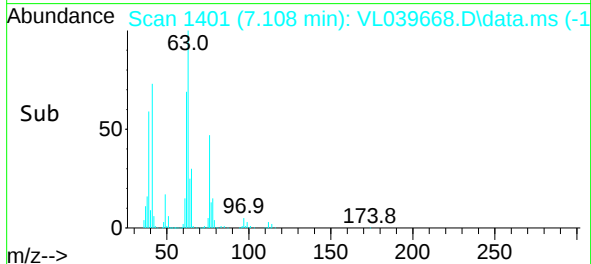
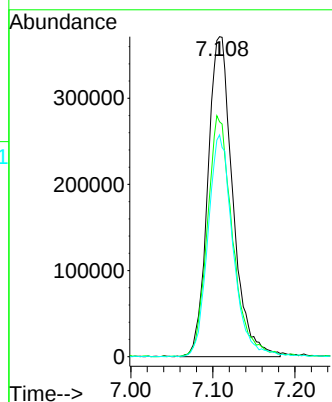
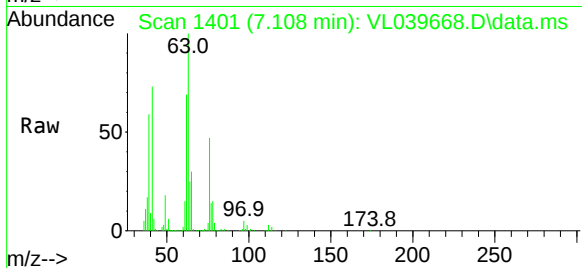




#39
1,2-Dichloropropane
Concen: 9.972 ppbv
RT: 7.108 min Scan# 1401
Delta R.T. 0.026 min
Lab File: VL039668.D
Acq: 22 Sep 2022 15:34

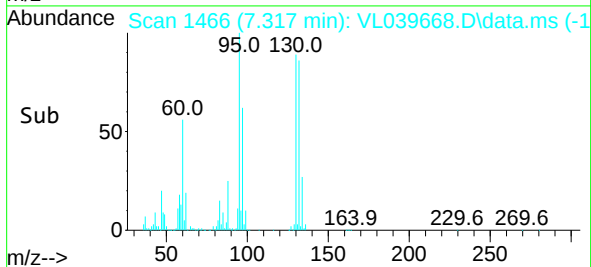
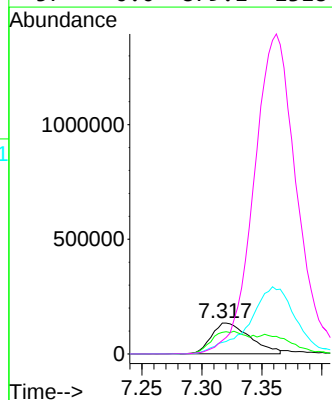
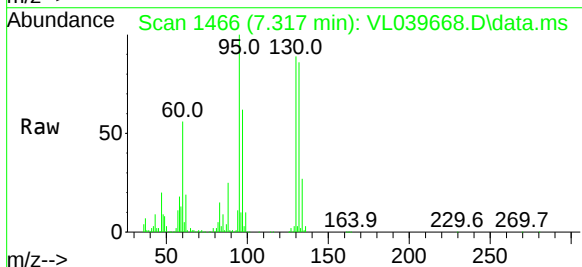
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

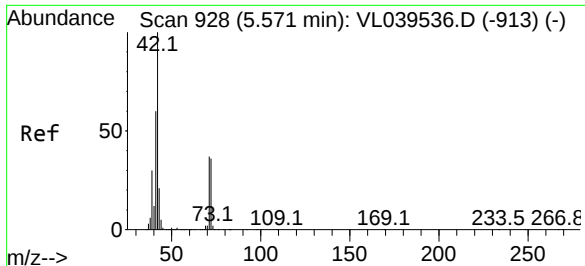
Tgt Ion: 63 Resp: 786189
Ion Ratio Lower Upper
63 100
41 73.3 59.6 89.4
62 69.1 51.4 77.0



#40
1,4-Dioxane
Concen: 9.302 ppbv
RT: 7.317 min Scan# 1466
Delta R.T. 0.023 min
Lab File: VL039668.D
Acq: 22 Sep 2022 15:34

Tgt Ion: 88 Resp: 299442
Ion Ratio Lower Upper
88 100
58 131.1 100.2 150.4
43 0.0 205.8 308.6#
57 0.0 879.1 1318.7#

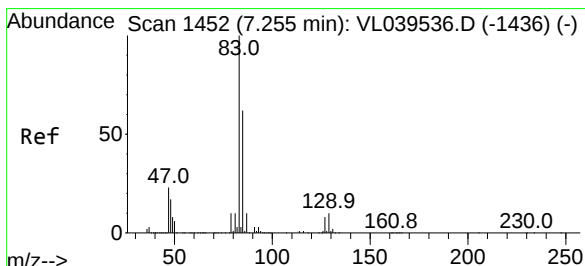
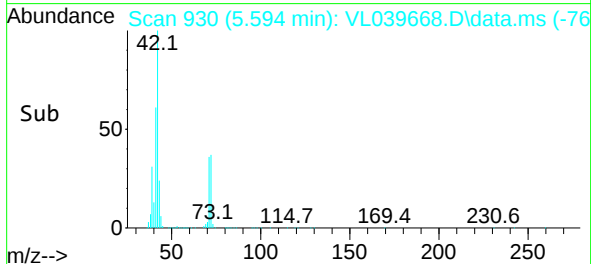
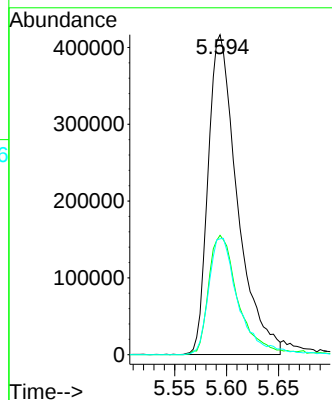
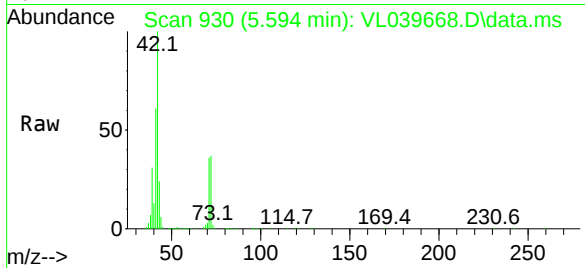




#41
Tetrahydrofuran
Concen: 10.105 ppbv
RT: 5.594 min Scan# 91
Delta R.T. 0.023 min
Lab File: VL039668.D
Acq: 22 Sep 2022 15:34

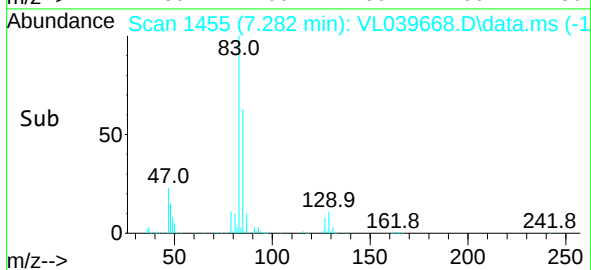
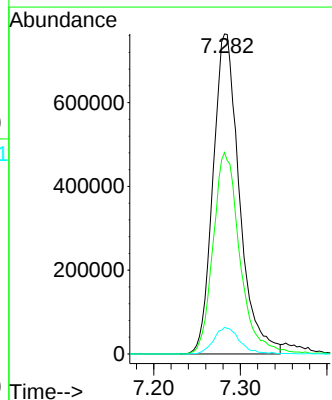
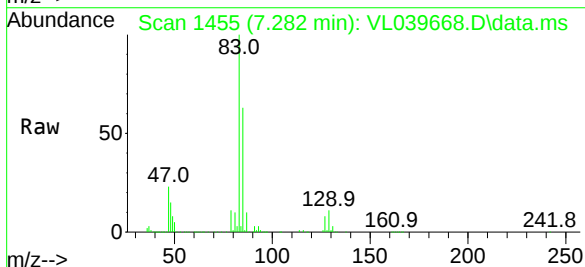
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

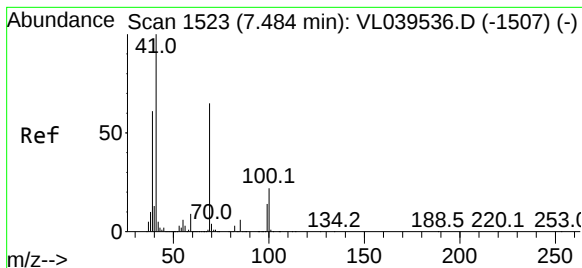
Tgt Ion: 42 Resp: 813203
Ion Ratio Lower Upper
42 100
72 38.6 31.8 47.8
71 37.5 31.8 47.8



#42
Bromodichloromethane
Concen: 10.438 ppbv
RT: 7.282 min Scan# 1455
Delta R.T. 0.026 min
Lab File: VL039668.D
Acq: 22 Sep 2022 15:34

Tgt Ion: 83 Resp: 1613289
Ion Ratio Lower Upper
83 100
85 63.0 50.7 76.1
127 8.3 6.6 9.8





#43

Methyl Methacrylate

Concen: 10.798 ppbv

RT: 7.510 min Scan# 1

Delta R.T. 0.026 min

Lab File: VL039668.D

Acq: 22 Sep 2022 15:34

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

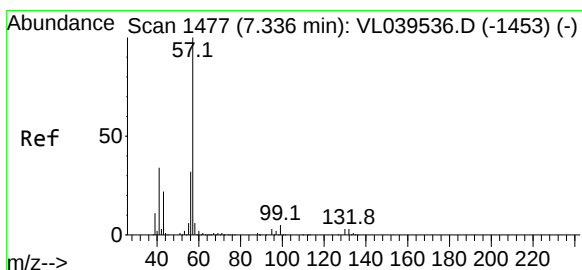
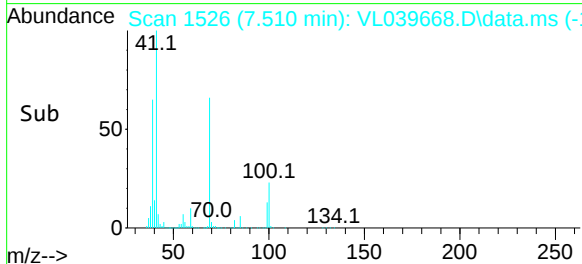
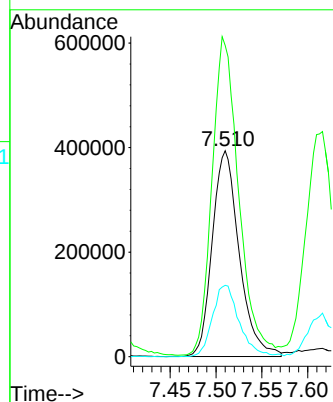
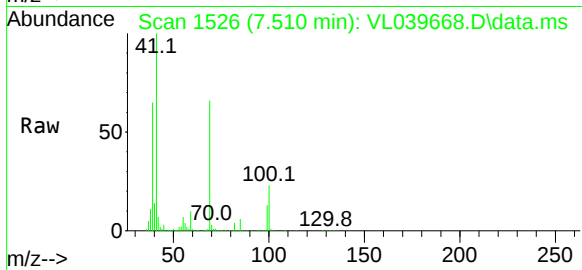
Tgt Ion: 69 Resp: 803652

Ion Ratio Lower Upper

69 100

41 155.0 120.8 181.2

100 34.2 27.8 41.6



#44

2,2,4-Trimethylpentane

Concen: 9.901 ppbv

RT: 7.362 min Scan# 1480

Delta R.T. 0.026 min

Lab File: VL039668.D

Acq: 22 Sep 2022 15:34

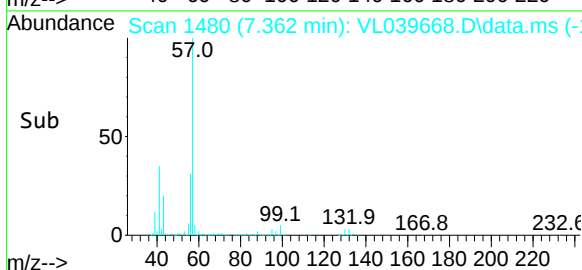
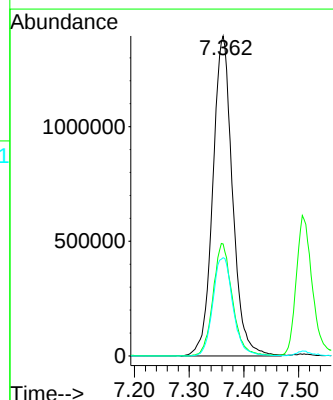
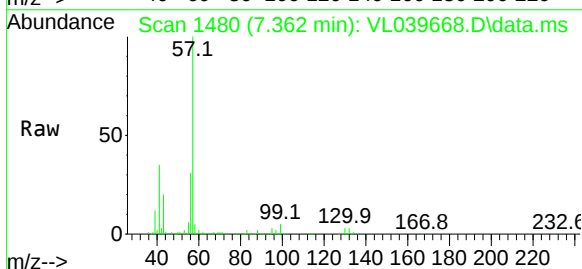
Tgt Ion: 57 Resp: 3484146

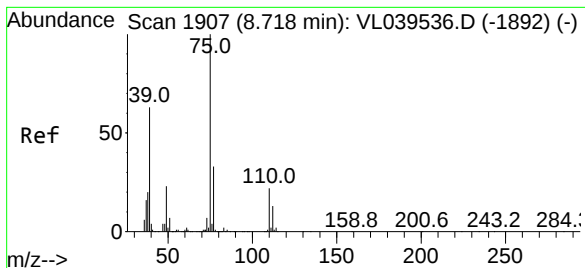
Ion Ratio Lower Upper

57 100

41 34.4 27.4 41.2

56 31.4 24.5 36.7





#45

t-1,3-Dichloropropene

Concen: 12.018 ppbv

RT: 8.741 min Scan# 1907

Delta R.T. 0.023 min

Lab File: VL039668.D

Acq: 22 Sep 2022 15:34

Instrument :

MSVOA_L

ClientSampleId :

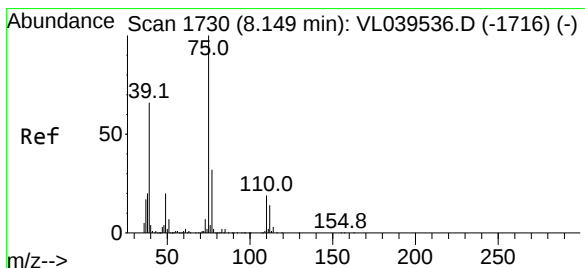
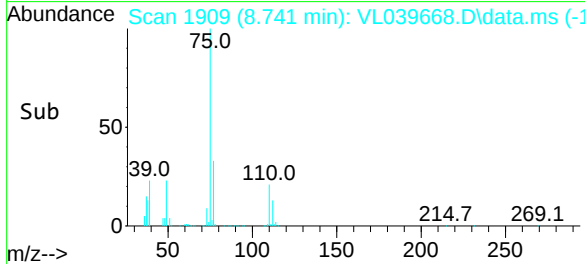
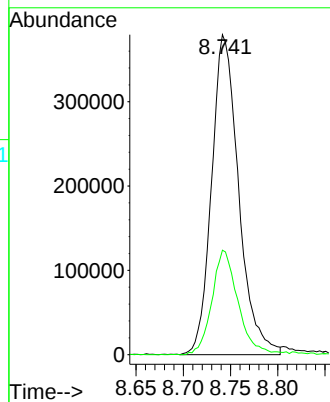
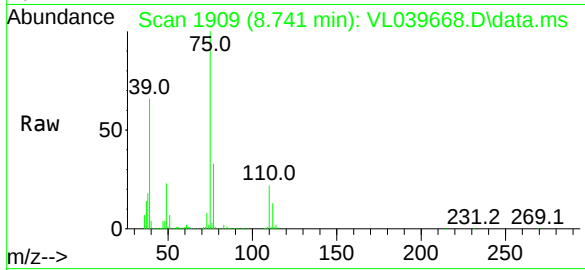
VSTDCCC010

Tgt Ion: 75 Resp: 755882

Ion Ratio Lower Upper

75 100

77 32.6 24.6 36.8



#46

cis-1,3-Dichloropropene

Concen: 11.611 ppbv

RT: 8.175 min Scan# 1733

Delta R.T. 0.026 min

Lab File: VL039668.D

Acq: 22 Sep 2022 15:34

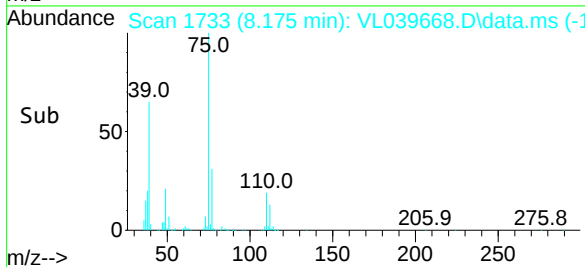
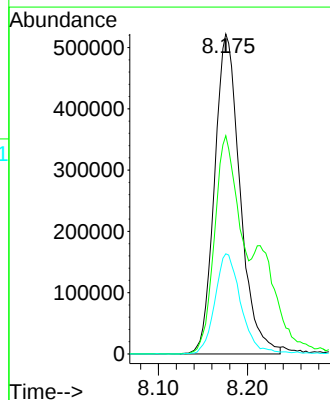
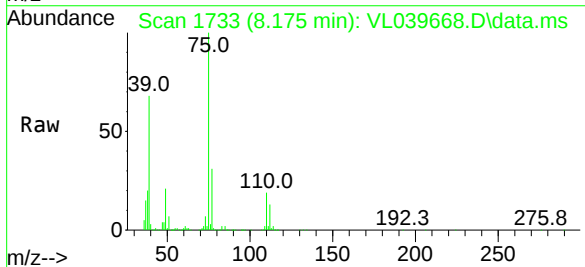
Tgt Ion: 75 Resp: 1039566

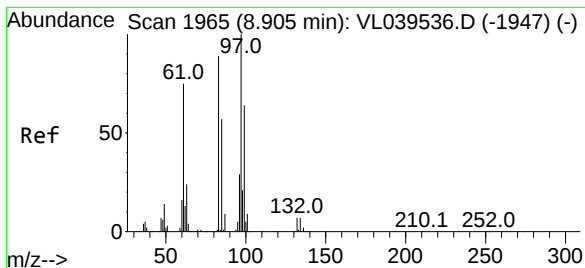
Ion Ratio Lower Upper

75 100

39 68.2 55.0 82.4

77 31.3 25.7 38.5





#47

1,1,2-Trichloroethane

Concen: 9.660 ppbv

RT: 8.934 min Scan# 1965

Delta R.T. 0.030 min

Lab File: VL039668.D

Acq: 22 Sep 2022 15:34

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 97 Resp: 832462

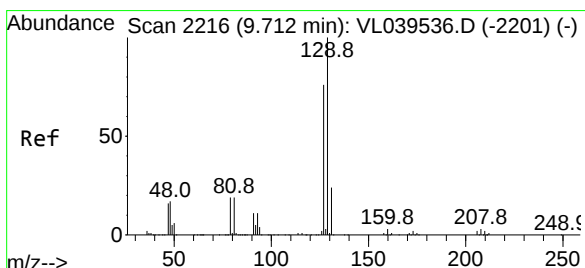
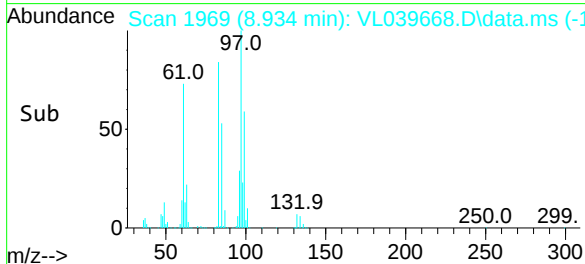
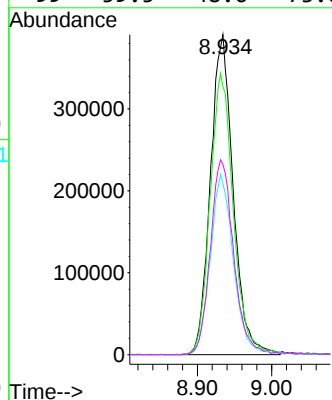
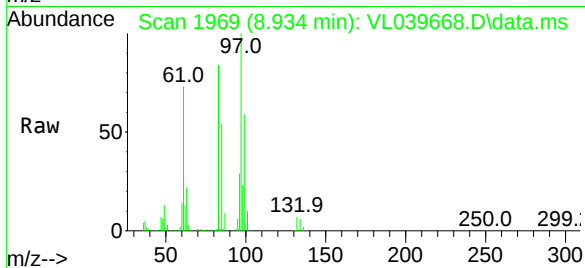
Ion Ratio Lower Upper

97 100

83 83.9 67.4 101.0

85 53.5 45.1 67.7

99 59.5 48.6 73.0



#48

Dibromochloromethane

Concen: 10.558 ppbv

RT: 9.741 min Scan# 2220

Delta R.T. 0.030 min

Lab File: VL039668.D

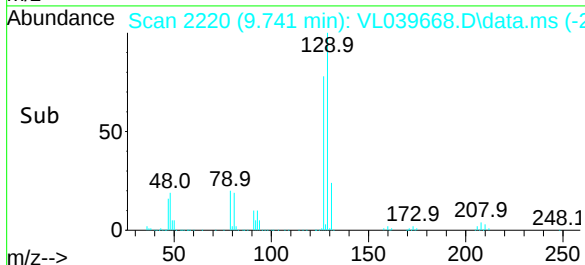
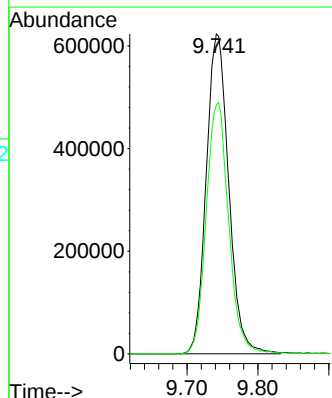
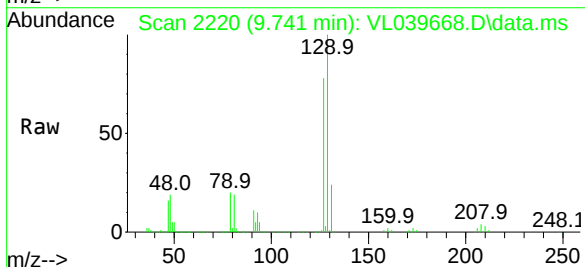
Acq: 22 Sep 2022 15:34

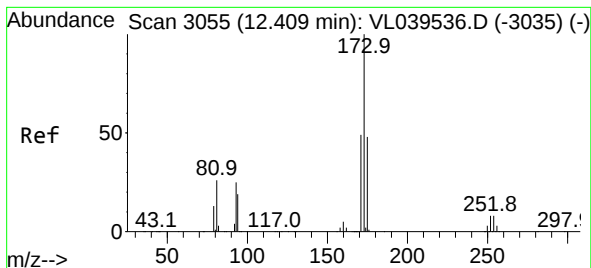
Tgt Ion: 129 Resp: 1370110

Ion Ratio Lower Upper

129 100

127 79.3 39.3 117.9





#49

Bromoform

Concen: 10.283 ppbv

RT: 12.439 min Scan# 3055

Delta R.T. 0.030 min

Lab File: VL039668.D

Acq: 22 Sep 2022 15:34

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

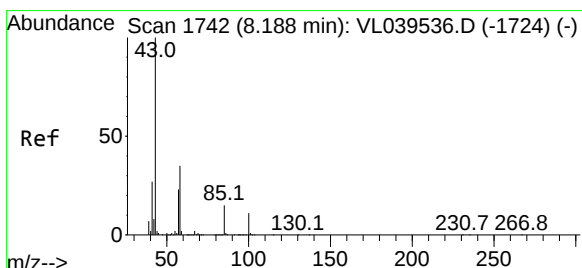
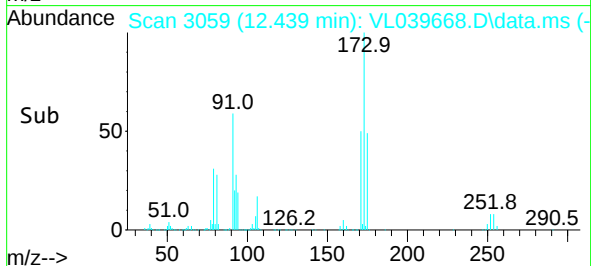
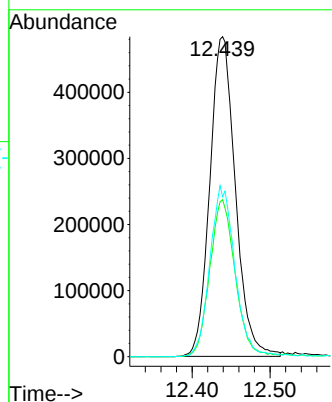
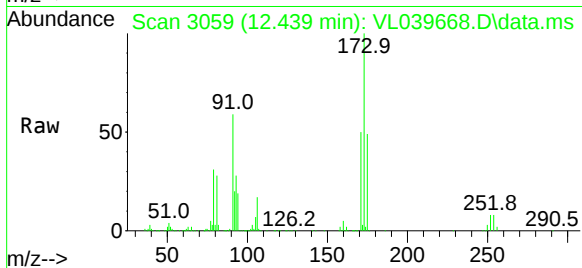
Tgt Ion:173 Resp: 1103704

Ion Ratio Lower Upper

173 100

175 49.4 40.3 60.5

171 52.7 42.9 64.3



#50

4-Methyl-2-Pentanone

Concen: 10.643 ppbv

RT: 8.217 min Scan# 1746

Delta R.T. 0.030 min

Lab File: VL039668.D

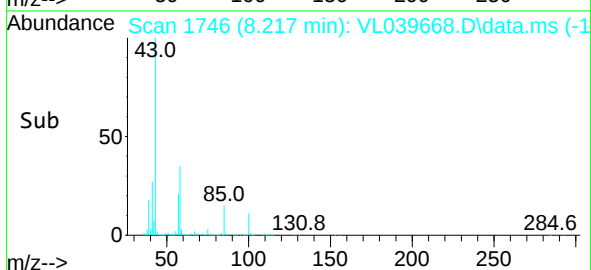
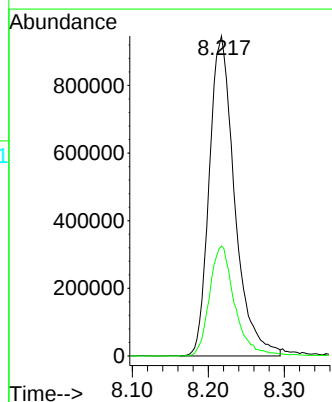
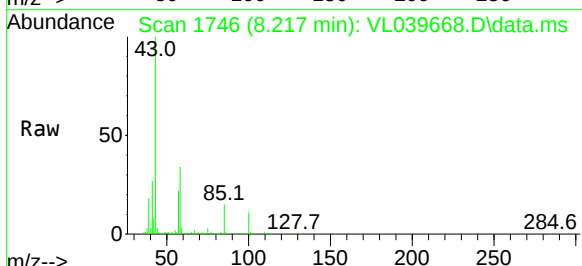
Acq: 22 Sep 2022 15:34

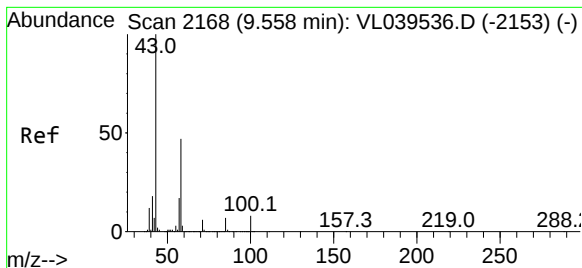
Tgt Ion: 43 Resp: 2193726

Ion Ratio Lower Upper

43 100

58 34.3 28.8 43.2

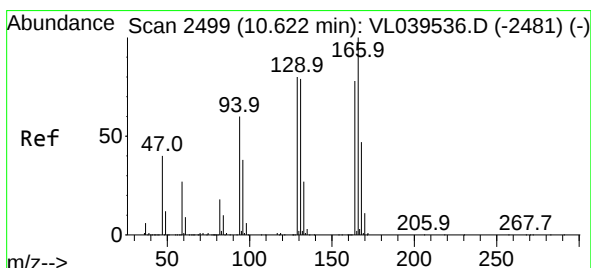
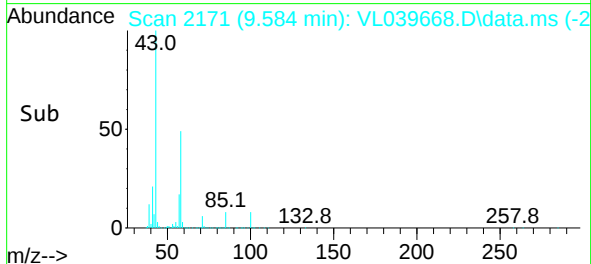
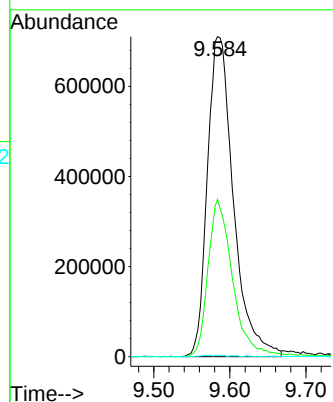
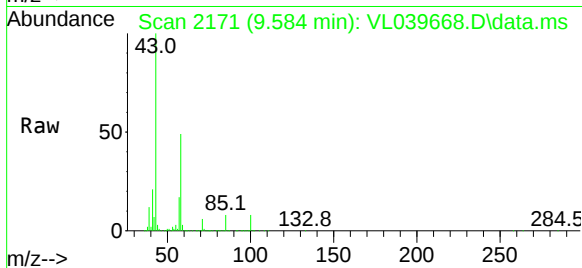




#51
2-Hexanone
Concen: 11.083 ppbv
RT: 9.584 min Scan# 2168
Delta R.T. 0.026 min
Lab File: VL039668.D
Acq: 22 Sep 2022 15:34

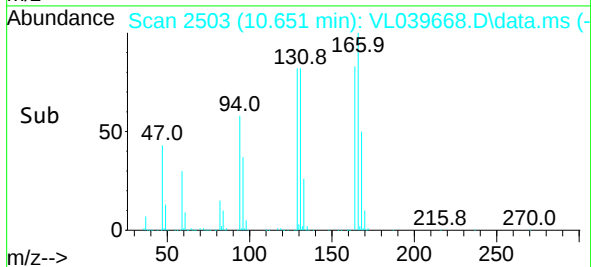
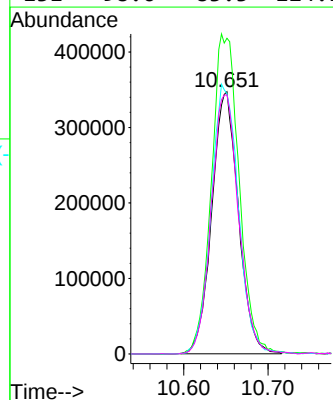
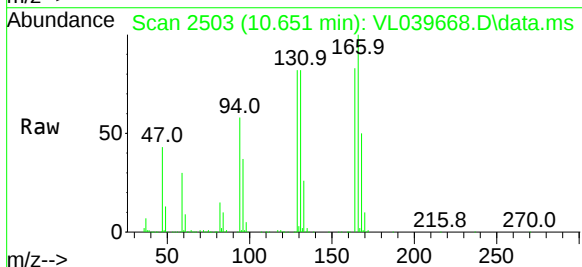
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

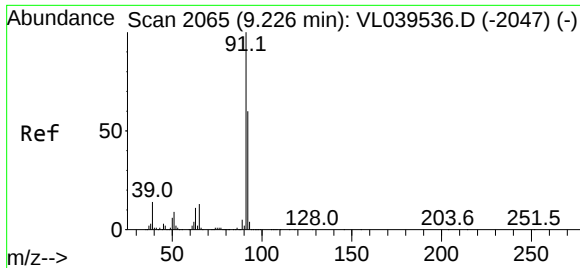
Tgt Ion: 43 Resp: 1691076
Ion Ratio Lower Upper
43 100
58 47.2 38.4 57.6
98 0.6 0.3 0.5#



#52
Tetrachloroethene
Concen: 9.750 ppbv
RT: 10.651 min Scan# 2503
Delta R.T. 0.030 min
Lab File: VL039668.D
Acq: 22 Sep 2022 15:34

Tgt Ion:164 Resp: 759456
Ion Ratio Lower Upper
164 100
166 120.1 102.2 153.2
129 99.1 85.8 128.8
131 98.6 83.3 124.9





#53

Toluene

Concen: 10.521 ppbv

RT: 9.256 min Scan# 2069

Delta R.T. 0.030 min

Lab File: VL039668.D

Acq: 22 Sep 2022 15:34

Instrument :

MSVOA_L

ClientSampleId :

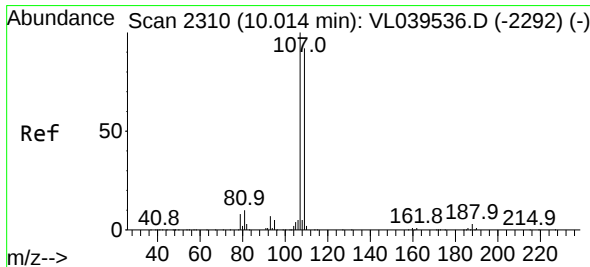
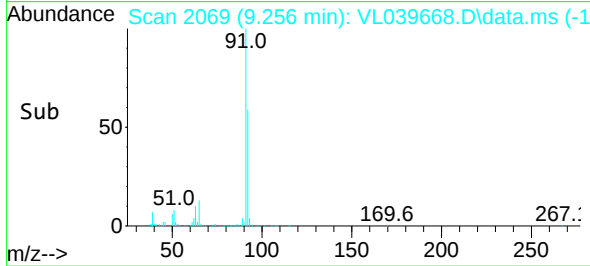
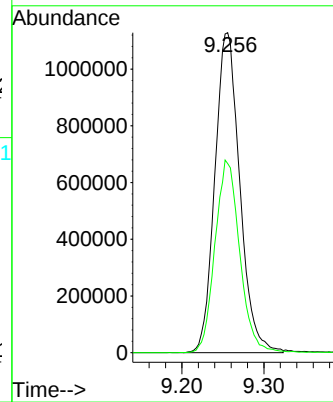
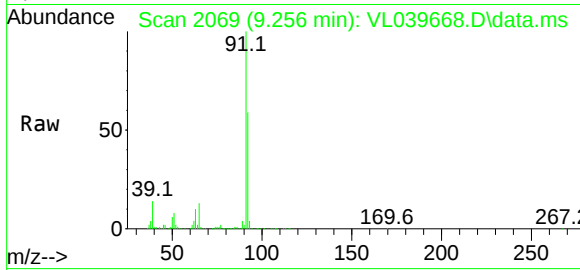
VSTDCCC010

Tgt Ion: 91 Resp: 2389031

Ion Ratio Lower Upper

91 100

92 59.7 48.2 72.2



#54

1,2-Dibromoethane

Concen: 10.433 ppbv

RT: 10.040 min Scan# 2313

Delta R.T. 0.026 min

Lab File: VL039668.D

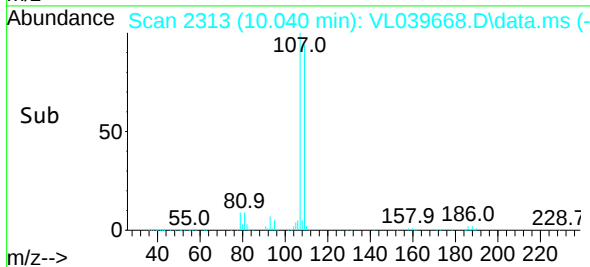
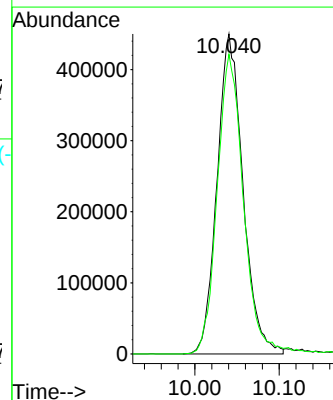
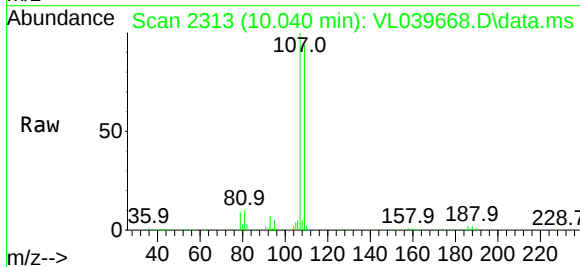
Acq: 22 Sep 2022 15:34

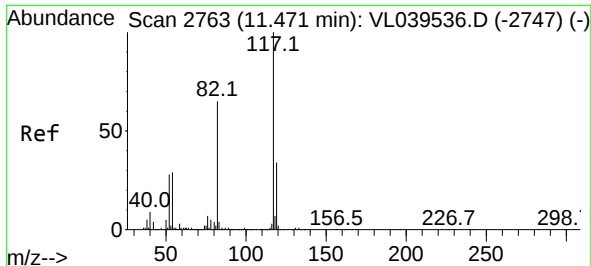
Tgt Ion: 107 Resp: 961853

Ion Ratio Lower Upper

107 100

109 93.7 74.8 112.2





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.497 min Scan# 21

Delta R.T. 0.026 min

Lab File: VL039668.D

Acq: 22 Sep 2022 15:34

Instrument :

MSVOA_1

ClientSampleId :

VSTDCCC010

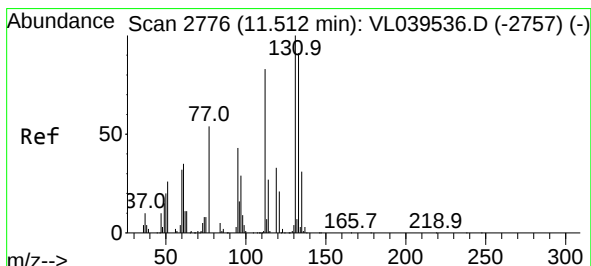
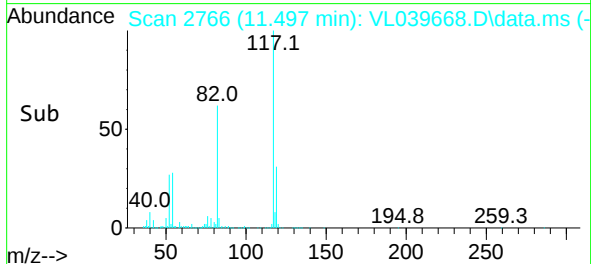
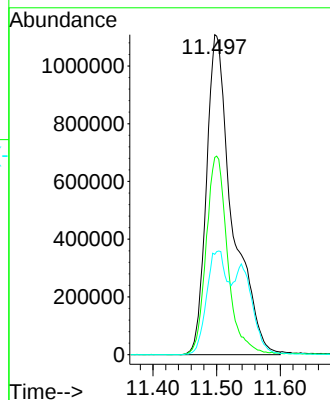
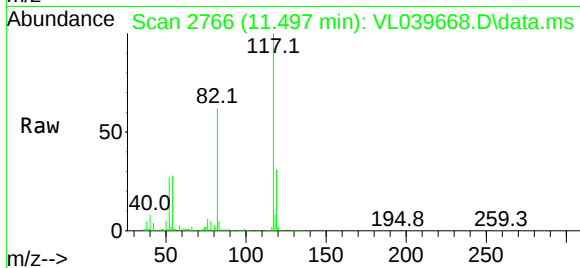
Tgt Ion:117 Resp: 3147399

Ion Ratio Lower Upper

117 100

82 51.7 50.8 76.2

119 27.8 24.1 36.1



#56

1,1,1,2-Tetrachloroethane

Concen: 7.968 ppbv

RT: 11.542 min Scan# 2780

Delta R.T. 0.030 min

Lab File: VL039668.D

Acq: 22 Sep 2022 15:34

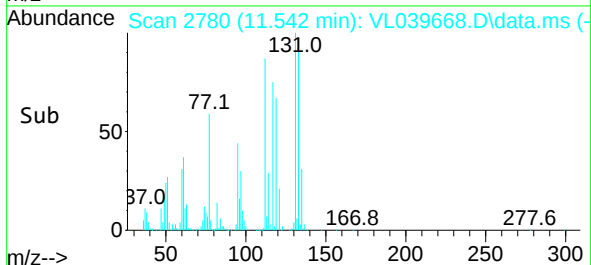
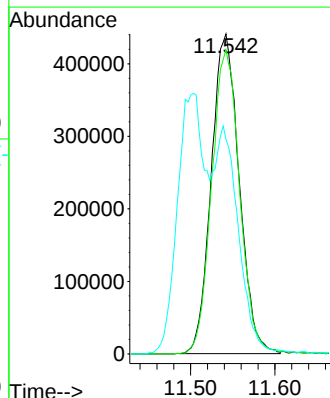
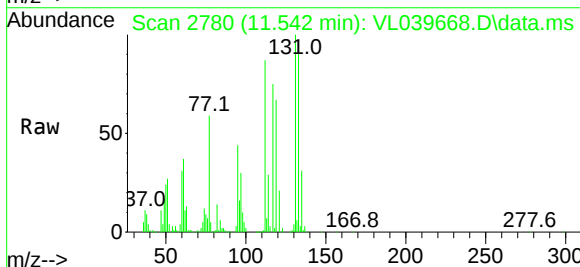
Tgt Ion:131 Resp: 1013397

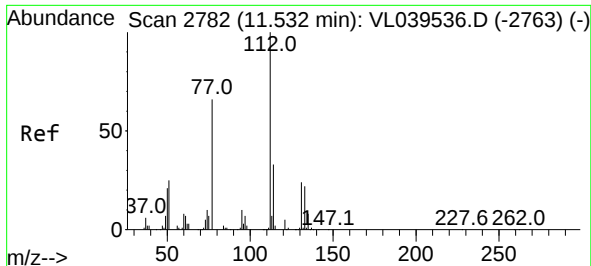
Ion Ratio Lower Upper

131 100

133 96.3 76.8 115.2

119 66.9 46.2 69.4

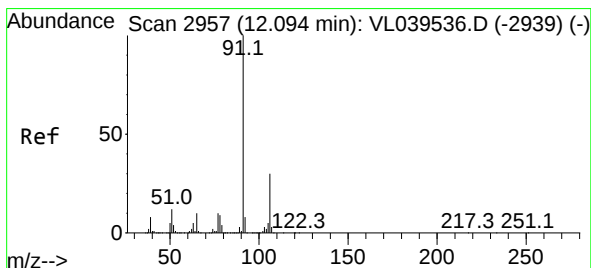
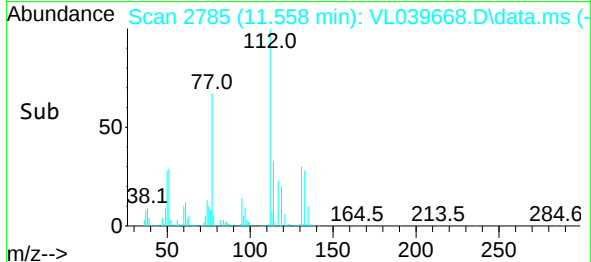
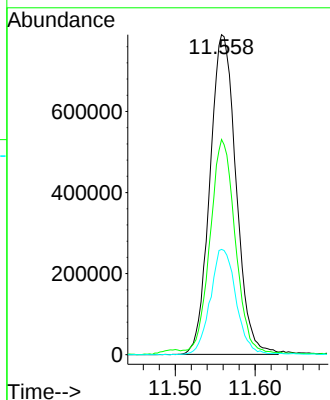
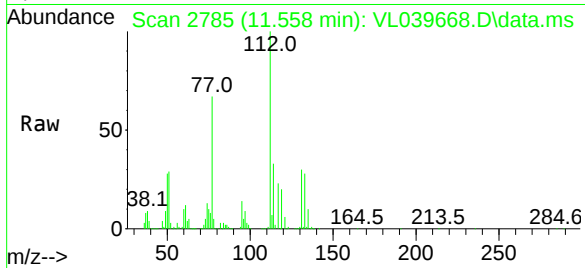




#57
Chlorobenzene
Concen: 7.751 ppbv
RT: 11.558 min Scan# 21
Delta R.T. 0.026 min
Lab File: VL039668.D
Acq: 22 Sep 2022 15:34

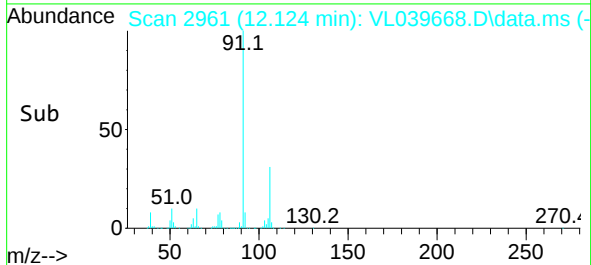
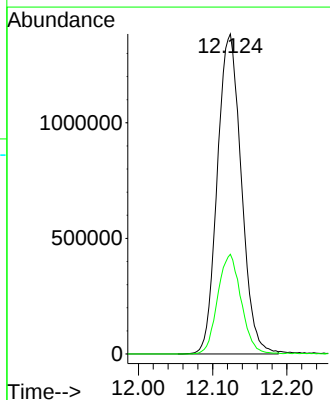
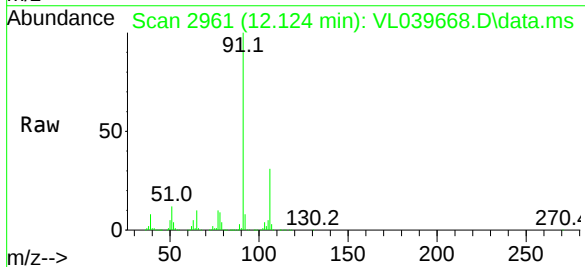
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

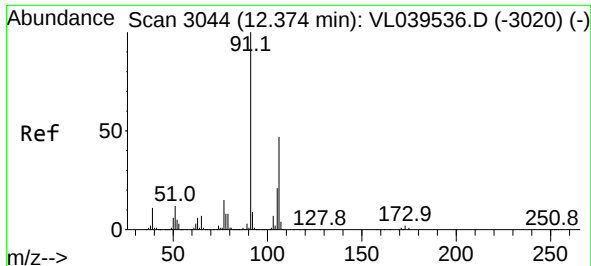
Tgt Ion:112 Resp: 1793831
Ion Ratio Lower Upper
112 100
77 66.5 51.0 76.4
114 32.8 27.5 33.6



#58
Ethyl Benzene
Concen: 8.555 ppbv
RT: 12.124 min Scan# 2961
Delta R.T. 0.030 min
Lab File: VL039668.D
Acq: 22 Sep 2022 15:34

Tgt Ion: 91 Resp: 3104488
Ion Ratio Lower Upper
91 100
106 31.2 25.4 38.0

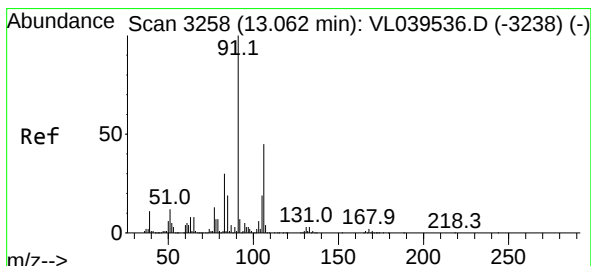
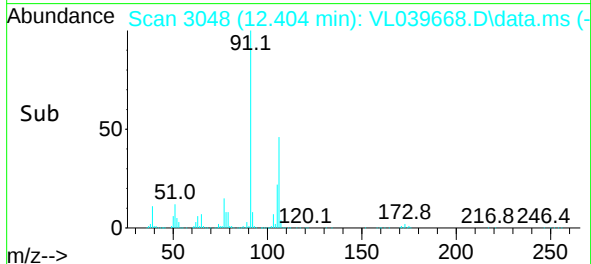
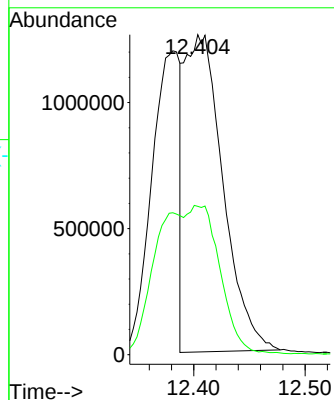
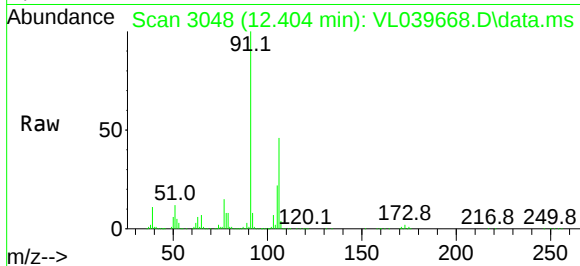




#59
m/p-Xylene
Concen: 9.328 ppbv
RT: 12.404 min Scan# 3044
Delta R.T. 0.029 min
Lab File: VL039668.D
Acq: 22 Sep 2022 15:34

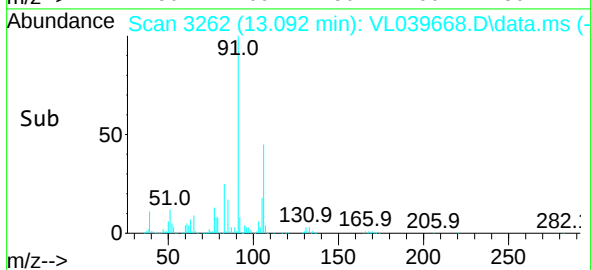
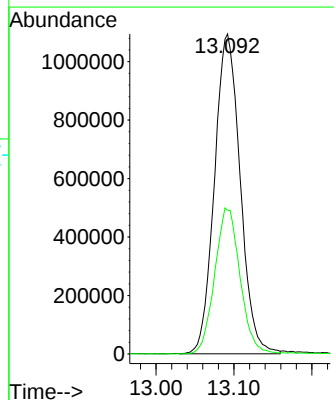
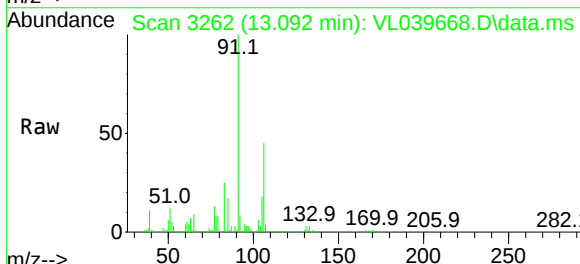
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

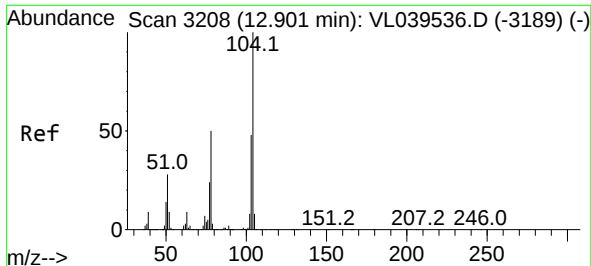
Tgt Ion: 91 Resp: 3012454
Ion Ratio Lower Upper
91 100
106 78.2 35.4 53.2#



#60
o-Xylene
Concen: 8.134 ppbv
RT: 13.092 min Scan# 3262
Delta R.T. 0.030 min
Lab File: VL039668.D
Acq: 22 Sep 2022 15:34

Tgt Ion: 91 Resp: 2508590
Ion Ratio Lower Upper
91 100
106 45.2 22.4 67.3

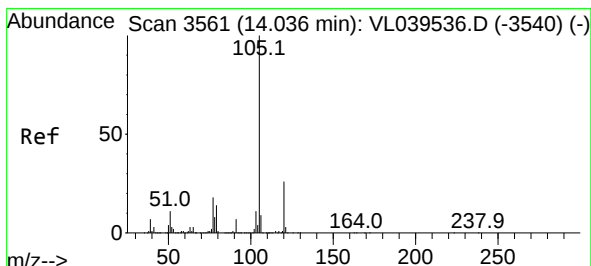
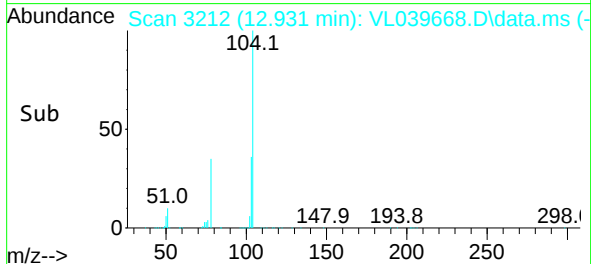
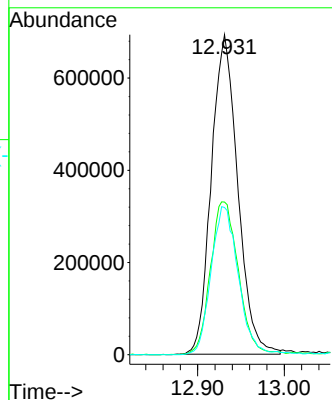
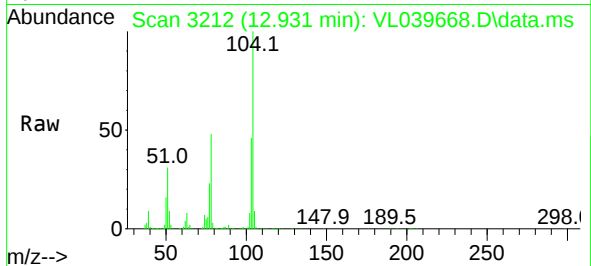




#61
Styrene
Concen: 8.839 ppbv
RT: 12.931 min Scan# 3189
Delta R.T. 0.030 min
Lab File: VL039668.D
Acq: 22 Sep 2022 15:34

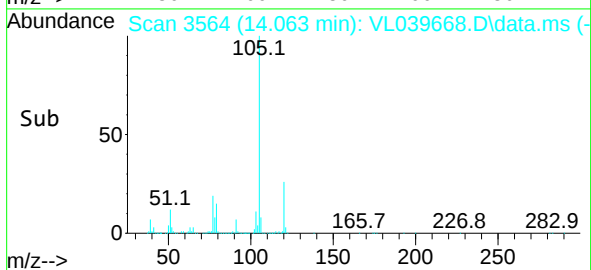
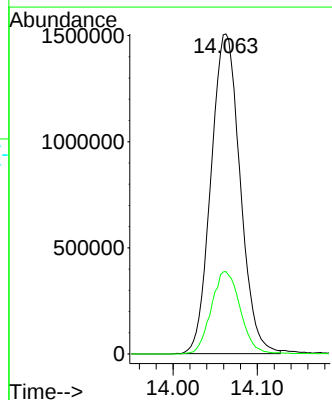
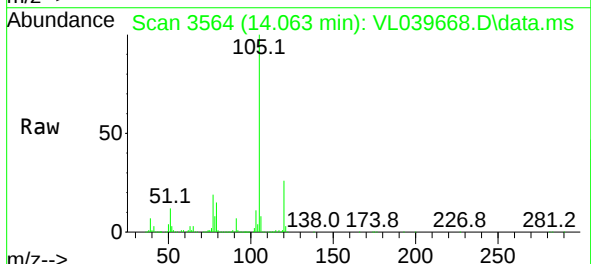
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

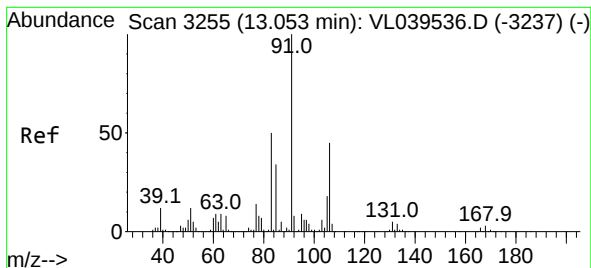
Tgt Ion:104 Resp: 1468162
Ion Ratio Lower Upper
104 100
78 51.3 41.2 61.8
103 48.3 38.7 58.1



#62
Isopropylbenzene
Concen: 7.790 ppbv
RT: 14.063 min Scan# 3564
Delta R.T. 0.026 min
Lab File: VL039668.D
Acq: 22 Sep 2022 15:34

Tgt Ion:105 Resp: 3615207
Ion Ratio Lower Upper
105 100
120 25.9 20.7 31.1





#63

1,1,2,2-Tetrachloroethane

Concen: 7.715 ppbv

RT: 13.082 min Scan# 31

Delta R.T. 0.030 min

Lab File: VL039668.D

Acq: 22 Sep 2022 15:34

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

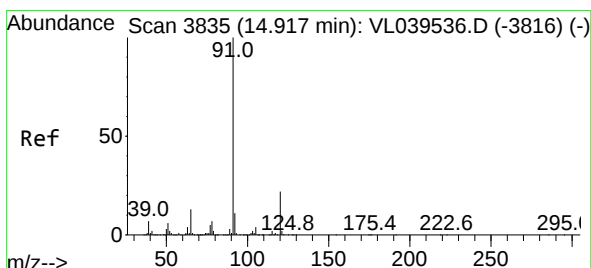
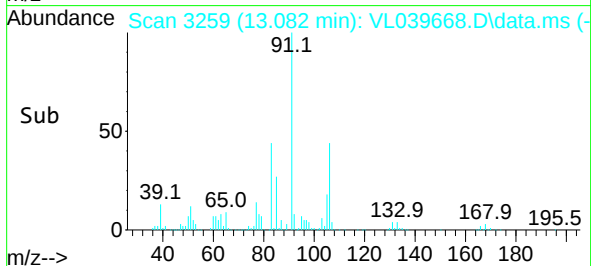
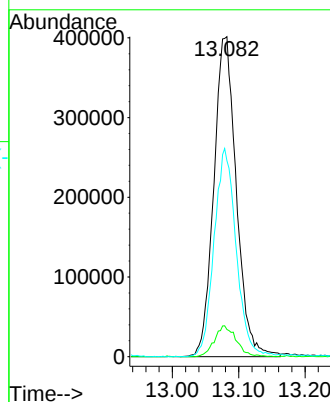
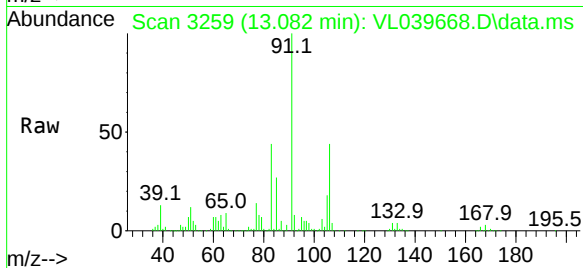
Tgt Ion: 83 Resp: 949055

Ion Ratio Lower Upper

83 100

131 9.5 5.3 15.8

85 64.8 33.1 99.5



#64

n-propylbenzene

Concen: 7.869 ppbv

RT: 14.947 min Scan# 3839

Delta R.T. 0.030 min

Lab File: VL039668.D

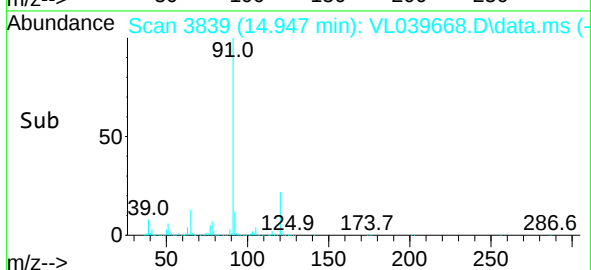
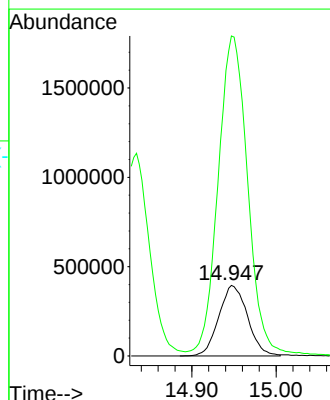
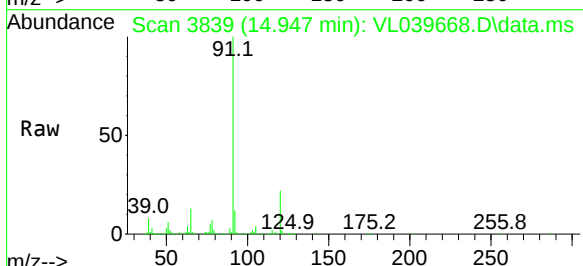
Acq: 22 Sep 2022 15:34

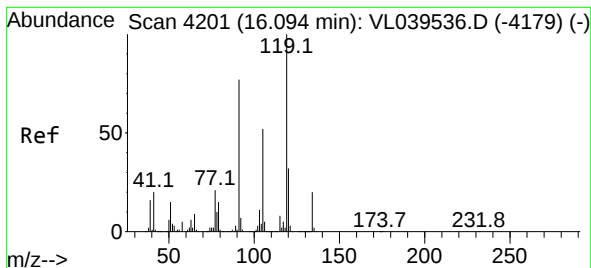
Tgt Ion: 120 Resp: 935096

Ion Ratio Lower Upper

120 100

91 469.2 367.2 550.8





#65

tert-Butylbenzene

Concen: 7.761 ppbv

RT: 16.124 min Scan# 41

Delta R.T. 0.030 min

Lab File: VL039668.D

Acq: 22 Sep 2022 15:34

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

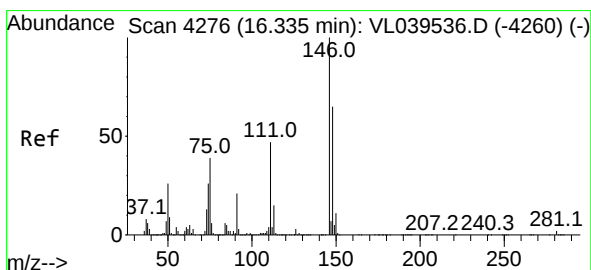
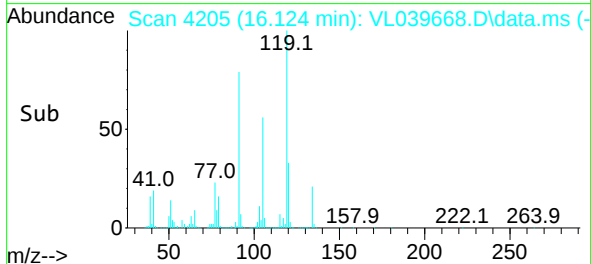
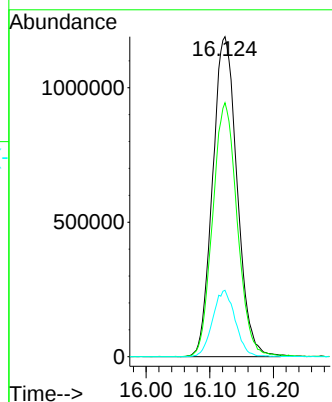
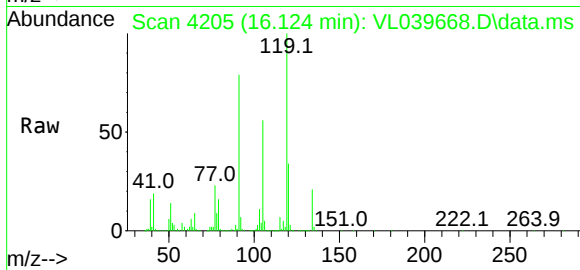
Tgt Ion:119 Resp: 3182031

Ion Ratio Lower Upper

119 100

91 79.5 63.4 95.2

134 19.3 15.9 23.9



#66

Benzyl Chloride

Concen: 7.570 ppbv

RT: 16.358 min Scan# 4278

Delta R.T. 0.023 min

Lab File: VL039668.D

Acq: 22 Sep 2022 15:34

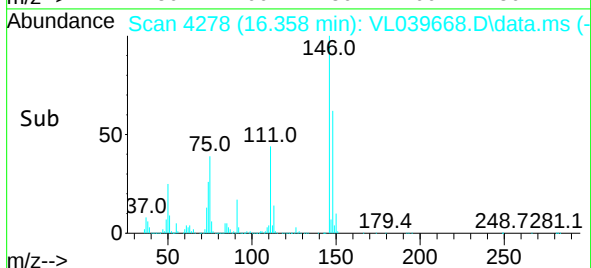
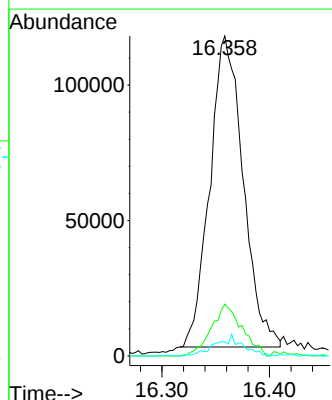
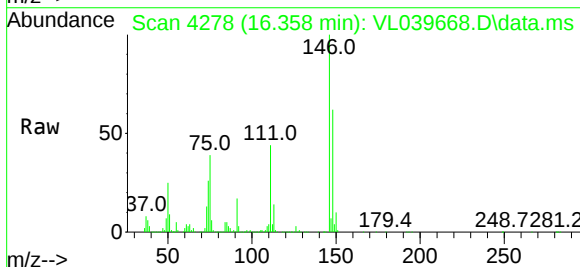
Tgt Ion: 91 Resp: 247134

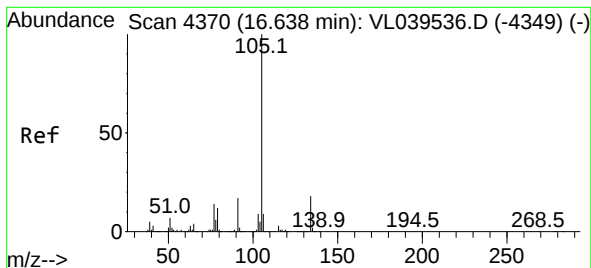
Ion Ratio Lower Upper

91 100

126 16.0 13.1 19.7

128 5.6 4.4 6.6





#67

sec-Butylbenzene

Concen: 7.693 ppbv

RT: 16.670 min Scan# 41

Delta R.T. 0.033 min

Lab File: VL039668.D

Acq: 22 Sep 2022 15:34

Instrument :

MSVOA_L

ClientSampleId :

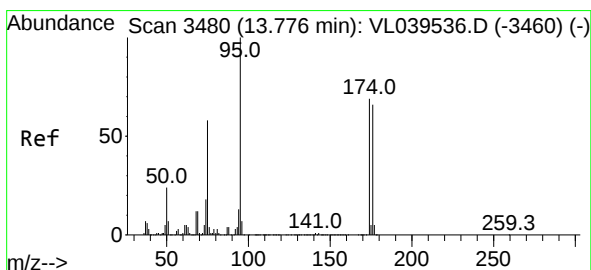
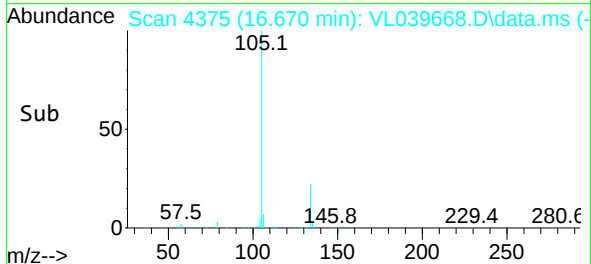
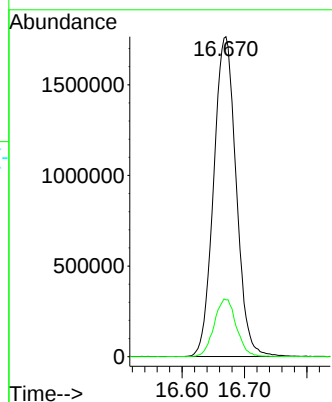
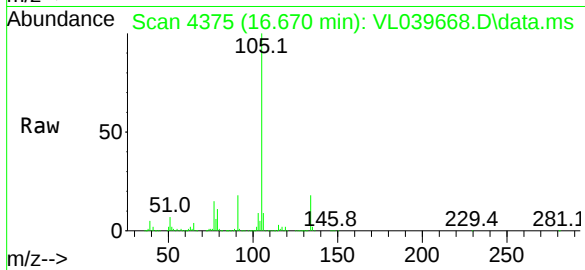
VSTDCCC010

Tgt Ion:105 Resp: 4424312

Ion Ratio Lower Upper

105 100

134 17.9 14.8 22.2



#68

1-Bromo-4-Fluorobenzene

Concen: 8.491 ppbv

RT: 13.806 min Scan# 3484

Delta R.T. 0.030 min

Lab File: VL039668.D

Acq: 22 Sep 2022 15:34

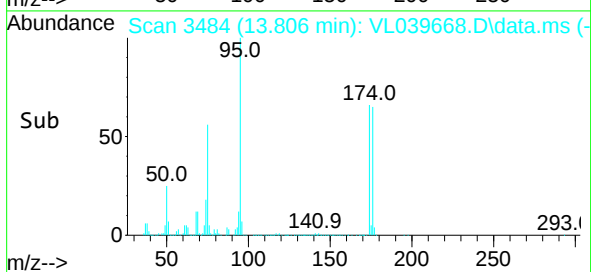
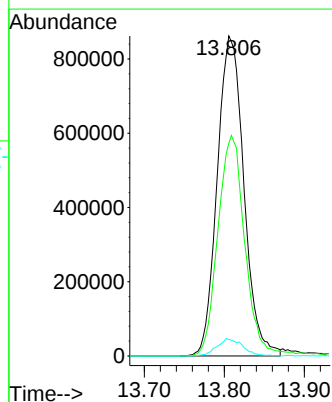
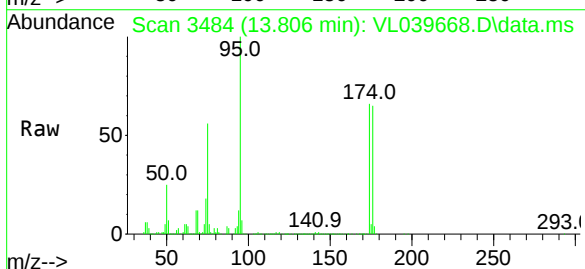
Tgt Ion: 95 Resp: 1994919

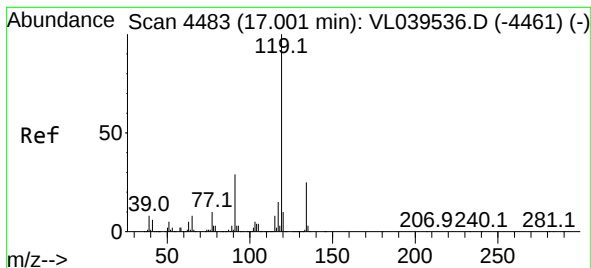
Ion Ratio Lower Upper

95 100

174 70.5 55.9 83.9

175 5.3 4.2 6.4





#69

p-Isopropyltoluene

Concen: 7.817 ppbv

RT: 17.027 min Scan# 4483

Delta R.T. 0.026 min

Lab File: VL039668.D

Acq: 22 Sep 2022 15:34

Instrument :

MSVOA_1

ClientSampleId :

VSTDCCC010

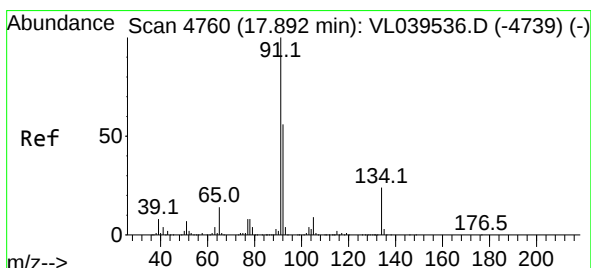
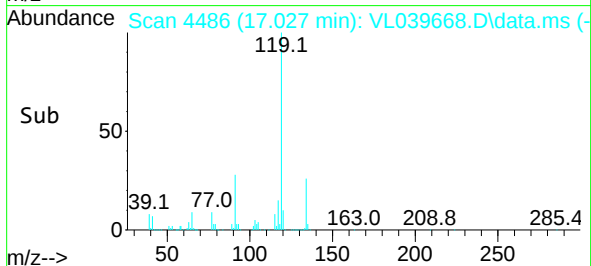
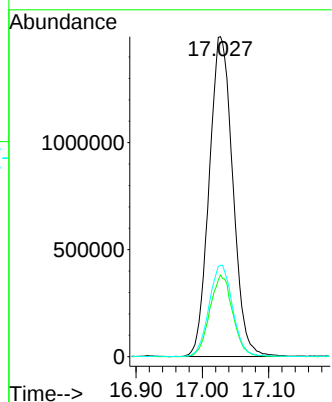
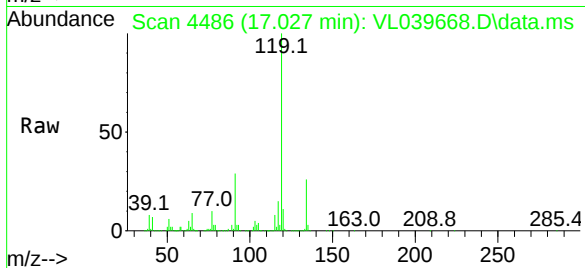
Tgt Ion:119 Resp: 3694004

Ion Ratio Lower Upper

119 100

134 24.9 20.3 30.5

91 28.6 22.9 34.3



#70

n-Butylbenzene

Concen: 7.951 ppbv

RT: 17.918 min Scan# 4763

Delta R.T. 0.026 min

Lab File: VL039668.D

Acq: 22 Sep 2022 15:34

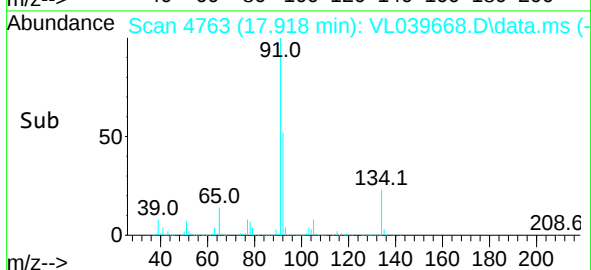
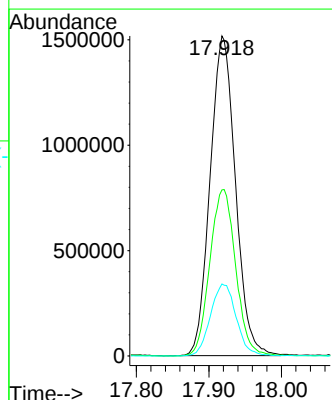
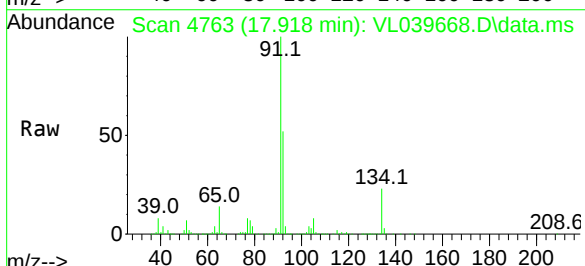
Tgt Ion: 91 Resp: 3683047

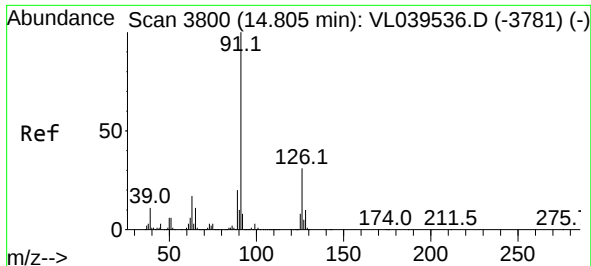
Ion Ratio Lower Upper

91 100

92 53.4 43.4 65.2

134 23.0 18.9 28.3

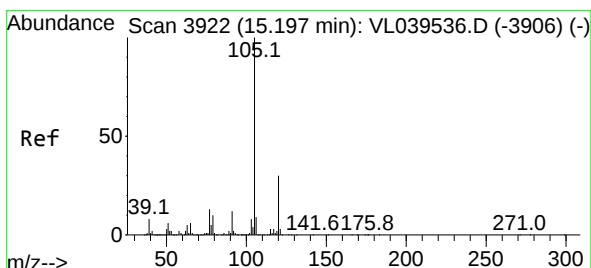
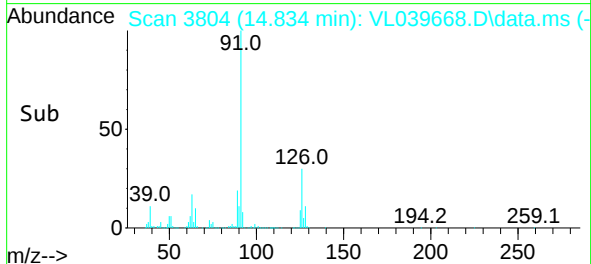
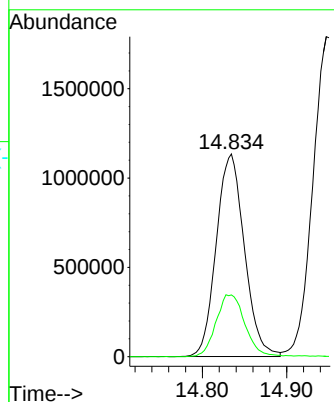
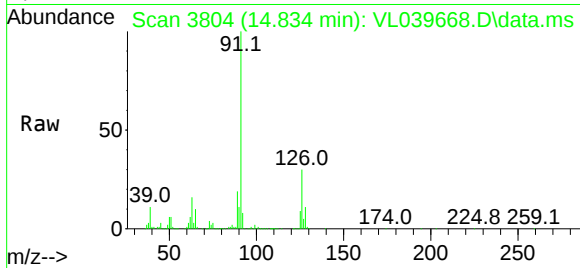




#71
2-Chlorotoluene
Concen: 7.845 ppbv
RT: 14.834 min Scan# 3804
Delta R.T. 0.030 min
Lab File: VL039668.D
Acq: 22 Sep 2022 15:34

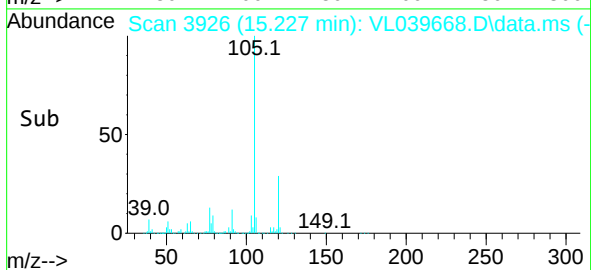
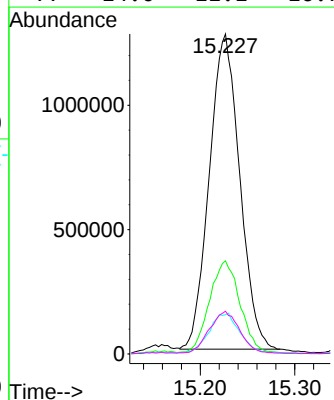
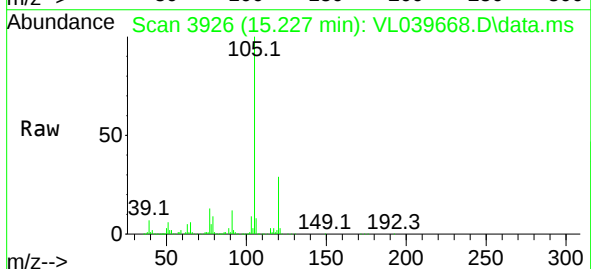
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

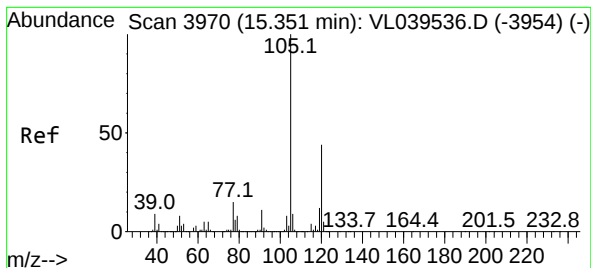
Tgt Ion: 91 Resp: 2628530
Ion Ratio Lower Upper
91 100
126 31.8 13.0 51.8



#72
4-Ethyltoluene
Concen: 8.044 ppbv
RT: 15.227 min Scan# 3926
Delta R.T. 0.030 min
Lab File: VL039668.D
Acq: 22 Sep 2022 15:34

Tgt Ion: 105 Resp: 2832072
Ion Ratio Lower Upper
105 100
120 30.3 24.2 36.2
91 13.0 10.2 15.4
77 14.0 11.1 16.7





#73

1,3,5-Trimethylbenzene

Concen: 8.087 ppbv

RT: 15.384 min Scan# 3970

Delta R.T. 0.033 min

Lab File: VL039668.D

Acq: 22 Sep 2022 15:34

Instrument :

MSVOA_L

ClientSampleId :

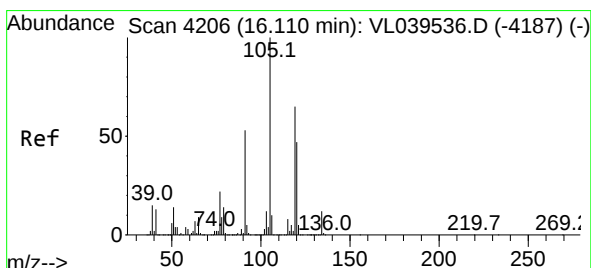
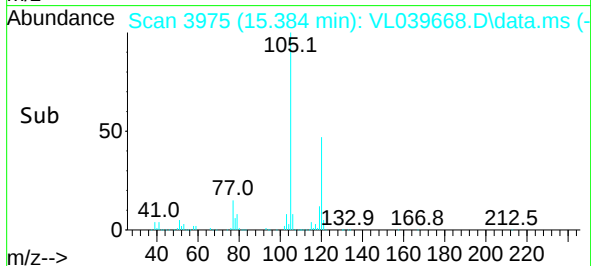
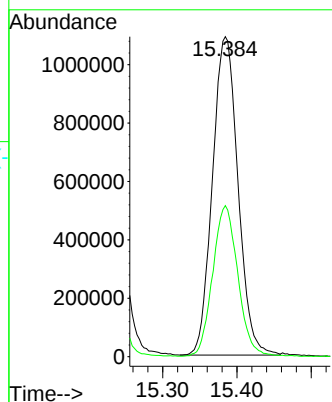
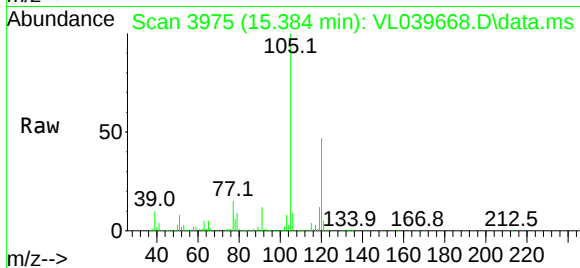
VSTDCCC010

Tgt Ion:105 Resp: 2605325

Ion Ratio Lower Upper

105 100

120 47.2 38.2 57.4



#74

1,2,4-Trimethylbenzene

Concen: 7.686 ppbv

RT: 16.140 min Scan# 4210

Delta R.T. 0.030 min

Lab File: VL039668.D

Acq: 22 Sep 2022 15:34

Tgt Ion:105 Resp: 2775718

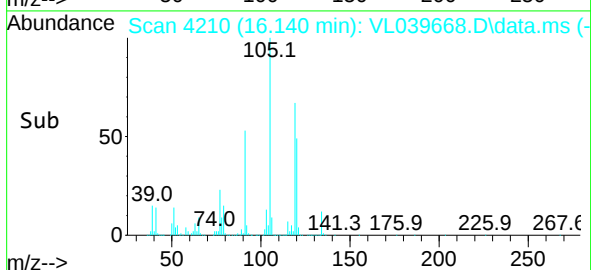
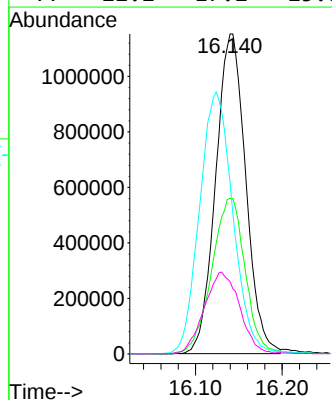
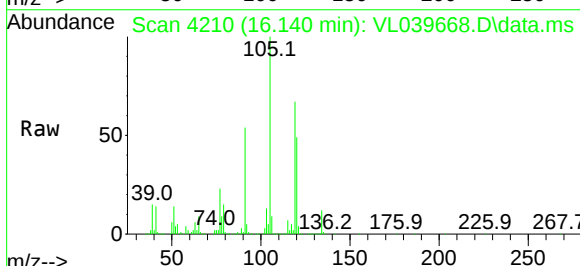
Ion Ratio Lower Upper

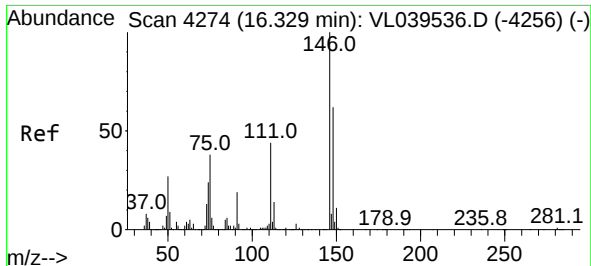
105 100

120 48.1 39.5 59.3

91 52.7 39.2 58.8

77 22.2 17.2 25.8

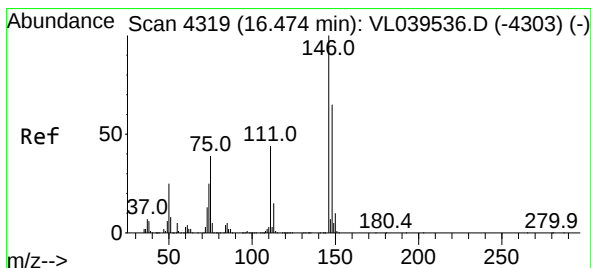
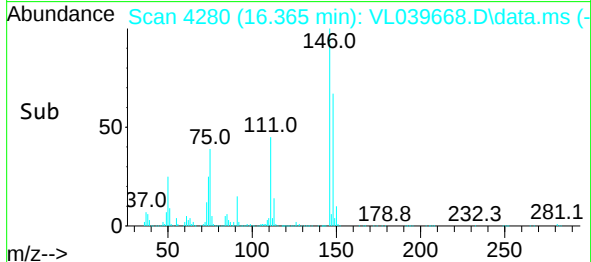
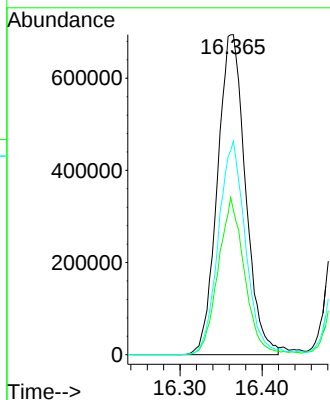
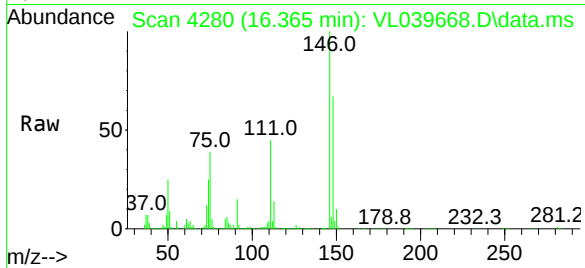




#75
1,3-Dichlorobenzene
Concen: 7.654 ppbv
RT: 16.365 min Scan# 41
Delta R.T. 0.036 min
Lab File: VL039668.D
Acq: 22 Sep 2022 15:34

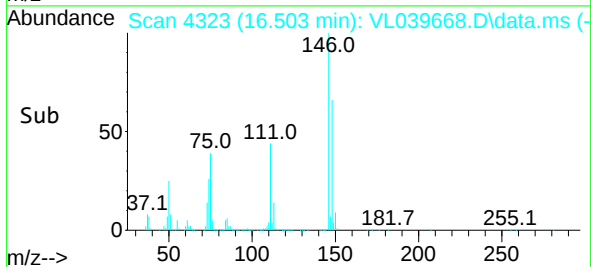
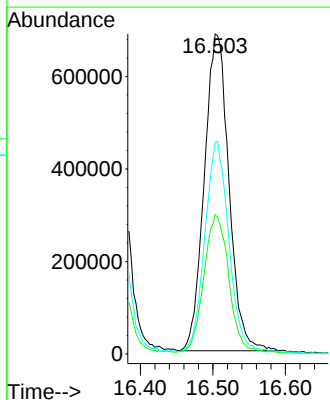
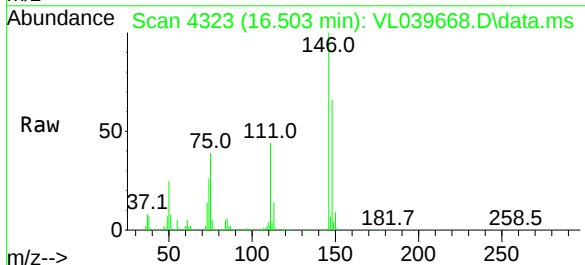
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

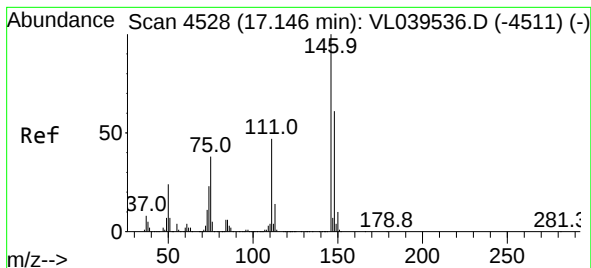
Tgt Ion:146 Resp: 1649257
Ion Ratio Lower Upper
146 100
111 46.3 22.9 68.7
148 64.9 32.1 96.5



#76
1,4-Dichlorobenzene
Concen: 7.496 ppbv
RT: 16.503 min Scan# 4323
Delta R.T. 0.030 min
Lab File: VL039668.D
Acq: 22 Sep 2022 15:34

Tgt Ion:146 Resp: 1615890
Ion Ratio Lower Upper
146 100
111 45.4 22.9 68.8
148 66.9 33.6 100.8





#77

1,2-Dichlorobenzene

Concen: 7.615 ppbv

RT: 17.172 min Scan# 4531

Delta R.T. 0.026 min

Lab File: VL039668.D

Acq: 22 Sep 2022 15:34

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

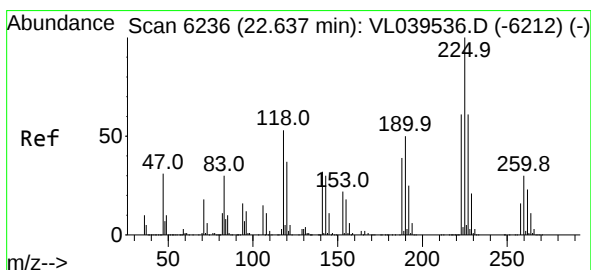
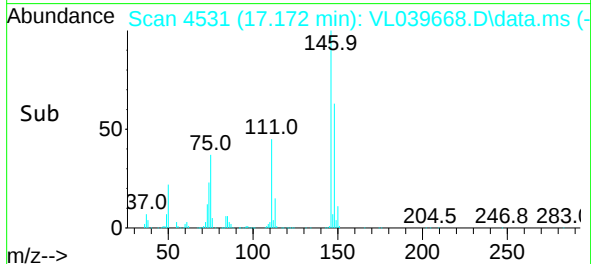
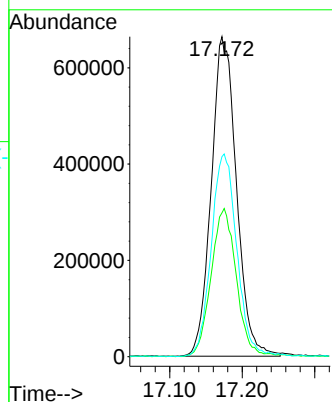
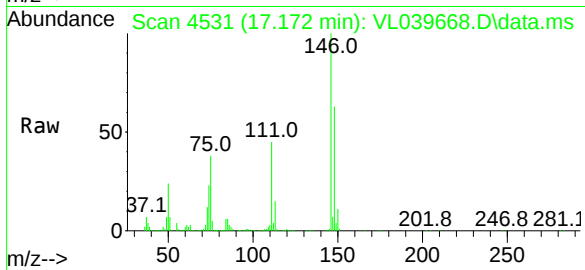
Tgt Ion:146 Resp: 1600093

Ion Ratio Lower Upper

146 100

111 47.0 23.8 71.5

148 64.7 32.3 96.8



#78

Hexachloro-1,3-Butadiene

Concen: 8.003 ppbv

RT: 22.670 min Scan# 6241

Delta R.T. 0.033 min

Lab File: VL039668.D

Acq: 22 Sep 2022 15:34

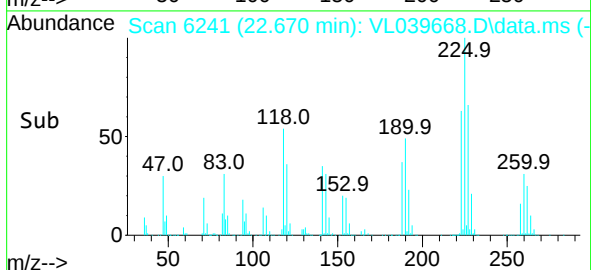
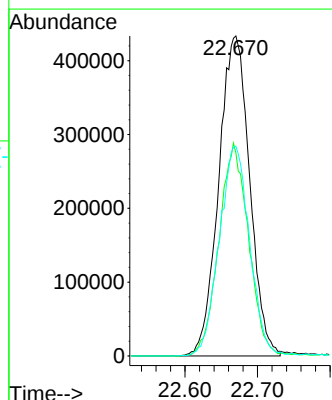
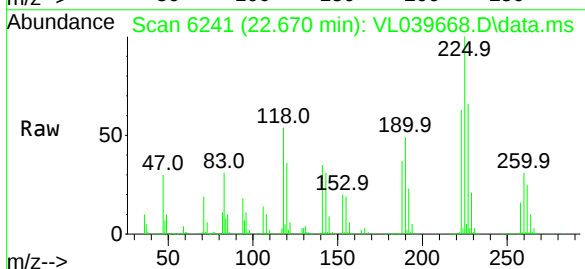
Tgt Ion:225 Resp: 1284936

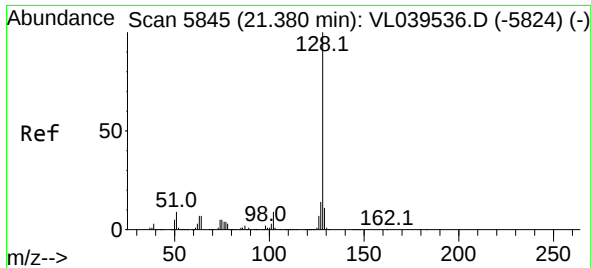
Ion Ratio Lower Upper

225 100

223 63.9 51.8 77.6

227 64.9 51.4 77.2

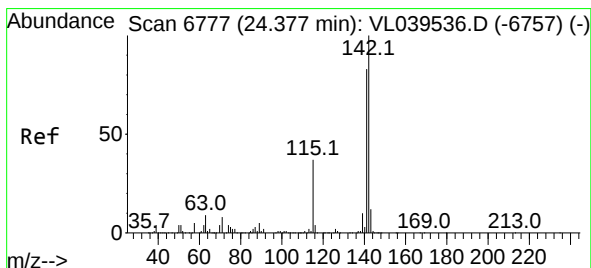
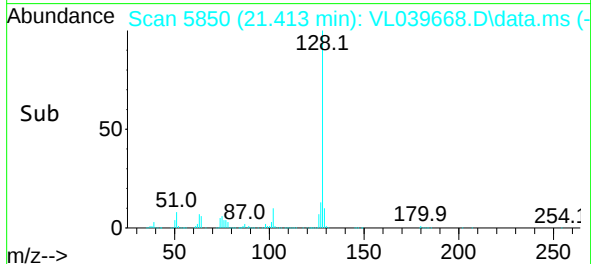
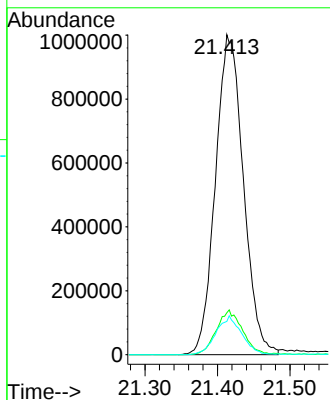
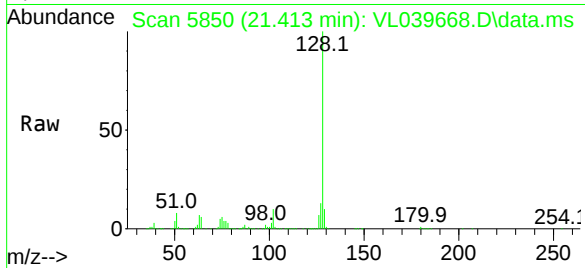




#79
Naphthalene
Concen: 11.245 ppbv
RT: 21.413 min Scan# 5845
Delta R.T. 0.033 min
Lab File: VL039668.D
Acq: 22 Sep 2022 15:34

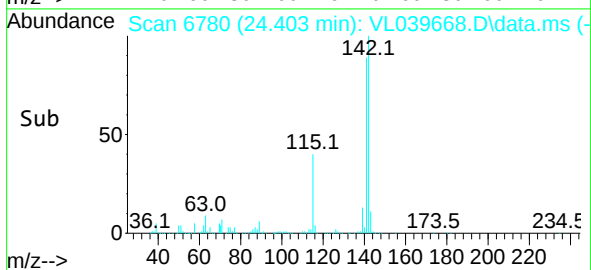
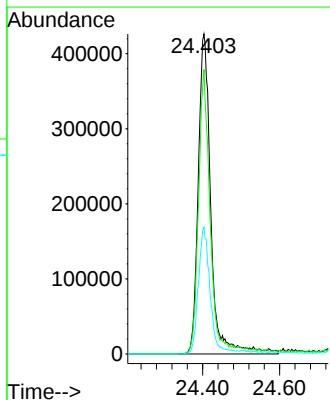
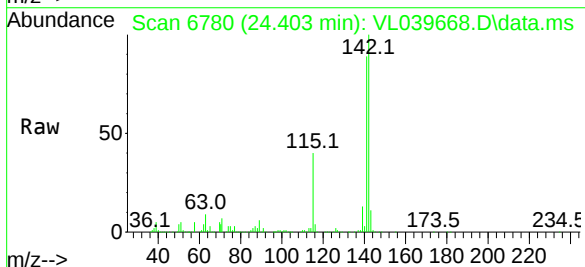
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

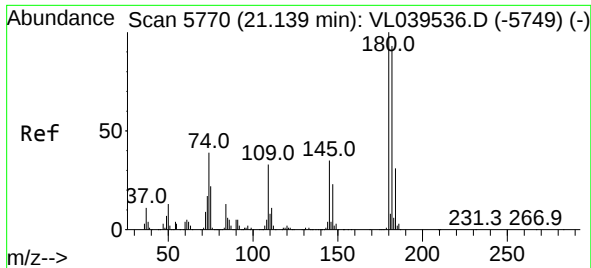
Tgt Ion:128 Resp: 2679910
Ion Ratio Lower Upper
128 100
127 13.1 10.6 15.8
129 10.4 8.8 13.2



#80
Naphthalene,2-methyl-
Concen: 10.838 ppbv
RT: 24.403 min Scan# 6780
Delta R.T. 0.026 min
Lab File: VL039668.D
Acq: 22 Sep 2022 15:34

Tgt Ion:142 Resp: 971198
Ion Ratio Lower Upper
142 100
141 82.2 68.9 103.3
115 39.2 30.0 45.0





#81

1,2,4-Trichlorobenzene

Concen: 9.584 ppbv

RT: 21.175 min Scan# 51

Delta R.T. 0.036 min

Lab File: VL039668.D

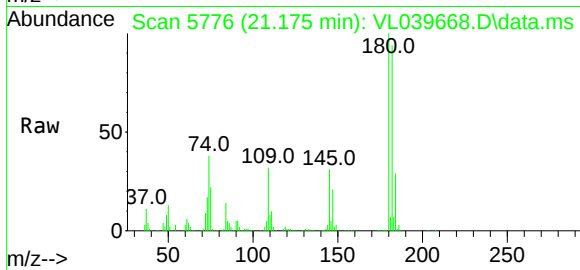
Acq: 22 Sep 2022 15:34

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion:180 Resp: 1500232

Ion Ratio Lower Upper

180 100

182 96.3 77.1 115.7

184 30.9 24.3 36.5

