

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060524\
 Data File : VL041338.D
 Acq On : 6 Jun 2024 8:19
 Operator : SY/MD
 Sample : VSTDC0010
 Misc : 400mL/MSVOA_L
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDC0010EC

Quant Time: Jun 06 08:56:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060424AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Jun 05 04:42:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.227	49	940264	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	6.684	114	2423374	10.000	ppbv	0.03
55) Chlorobenzene-d5	11.491	117	2350058	10.000	ppbv	0.03

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.803	95	1838815	10.134	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.300%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.774	85	1386109	9.231	ppbv	97
3) Chlorodifluoromethane	2.719	51	1260448	8.483	ppbv	99
4) Chloromethane	2.858	50	555515	9.933	ppbv	100
5) Vinyl Chloride	2.964	62	557314	9.892	ppbv	99
6) Bromomethane	3.163	94	296665	14.809	ppbv	94
7) Chloroethane	3.240	64	192044	9.900	ppbv	89
8) Dichlorotetrafluoroethane	2.899	85	1283712	9.296	ppbv	98
9) Propene	2.739	41	506471	9.569	ppbv	100
10) Heptane	7.607	43	1221357	9.736	ppbv	99
11) Trichlorofluoromethane	3.600	101	1318948	9.555	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.105	101	954682	9.792	ppbv	99
13) Ethanol	3.276	45	158133	11.484	ppbv	98
14) Bromoethene	3.407	108	378261	9.586	ppbv	95
15) Acetone	3.507	43	1146546	10.680	ppbv	99
16) 1,3-Butadiene	3.028	39	557312	10.327	ppbv	97
17) tert-Butyl alcohol	3.915	59	1103680	11.166	ppbv	100
18) 1,1-Dichloroethene	3.919	96	401977	9.665	ppbv	96
19) Isopropyl Alcohol	3.613	45	778459	11.542	ppbv	99
20) Methylene Chloride	3.970	84	354378	9.082	ppbv	99
21) Allyl Chloride	4.034	41	753892	11.085	ppbv	98
22) trans-1,2-Dichloroethene	4.481	96	439318	10.136	ppbv	90
23) Vinyl Acetate	4.661	43	1275604	11.618	ppbv	99
24) 1,1-Dichloroethane	4.600	63	941521	9.748	ppbv	99
25) Ethyl Acetate	5.237	43	2088519	9.834	ppbv	100
26) Hexane	5.247	57	905689	9.483	ppbv	100
27) Carbon Disulfide	4.163	76	1074391	10.156	ppbv	99
28) Methyl tert-Butyl Ether	4.623	73	683844	9.661	ppbv	99
29) Chloroform	5.308	83	1371837	9.362	ppbv	99
30) Cyclohexane	6.632	84	753899	9.738	ppbv	99
31) cis-1,2-Dichloroethene	5.112	61	899893	9.971	ppbv	97
32) 1,1,1-Trichloroethane	6.038	97	1361876	9.812	ppbv	99
34) 2-Butanone	4.819	43	1162408	10.012	ppbv	98
35) Carbon Tetrachloride	6.526	117	1333782	9.684	ppbv	96
36) Benzene	6.404	78	1867904	9.945	ppbv	99
37) 1,2-Dichloroethane	5.841	62	1082256	9.883	ppbv	100
38) Trichloroethene	7.320	130	719309	9.449	ppbv	96
39) 1,2-Dichloropropane	7.102	63	732215	9.790	ppbv	99
40) 1,4-Dioxane	7.317	88	301460	11.005	ppbv	82
41) Tetrahydrofuran	5.591	42	812221	10.752	ppbv	98
42) Bromodichloromethane	7.282	83	1549950	9.855	ppbv	99
43) Methyl Methacrylate	7.504	69	771602	10.781	ppbv	98
44) 2,2,4-Trimethylpentane	7.359	57	3199976	9.906	ppbv	98
45) t-1,3-Dichloropropene	8.738	75	857517	17.756	ppbv	99

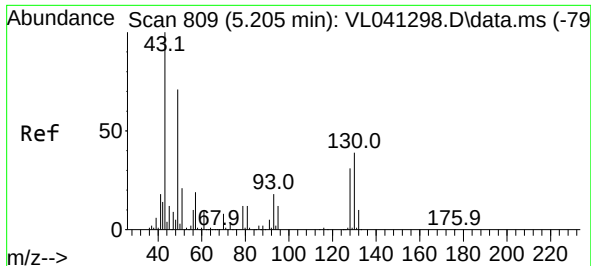
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060524\
 Data File : VL041338.D
 Acq On : 6 Jun 2024 8:19
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Quant Time: Jun 06 08:56:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060424AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Jun 05 04:42:10 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.172	75	1076936	17.324	ppbv	99
47) 1,1,2-Trichloroethane	8.931	97	772063	9.878	ppbv	97
48) Dibromochloromethane	9.738	129	1294680	10.051	ppbv	100
49) Bromoform	12.436	173	1075793	10.364	ppbv	100
50) 4-Methyl-2-Pentanone	8.211	43	2134208	11.105	ppbv	100
51) 2-Hexanone	9.578	43	1739614	12.735	ppbv #	100
52) Tetrachloroethene	10.645	164	658856	9.618	ppbv	99
53) Toluene	9.250	91	2202745	10.195	ppbv	98
54) 1,2-Dibromoethane	10.037	107	1158260	11.367	ppbv	100
56) 1,1,1,2-Tetrachloroethane	11.536	131	942114	9.478	ppbv	98
57) Chlorobenzene	11.555	112	1626330	9.316	ppbv	97
58) Ethyl Benzene	12.114	91	2958811	9.822	ppbv	97
59) m/p-Xylene	12.397	91	4985479m	19.317	ppbv	
60) o-Xylene	13.089	91	2366180	9.617	ppbv	99
61) Styrene	12.928	104	1282377	10.631	ppbv	99
62) Isopropylbenzene	14.057	105	3463877	9.309	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.073	83	1677261	9.581	ppbv	99
64) n-propylbenzene	14.938	120	903740	9.423	ppbv	96
65) tert-Butylbenzene	16.118	119	3077701	9.304	ppbv	99
66) Benzyl Chloride	16.352	91	427784	19.654	ppbv	99
67) sec-Butylbenzene	16.661	105	4383545	9.380	ppbv	100
69) p-Isopropyltoluene	17.021	119	3668572	9.525	ppbv	100
70) n-Butylbenzene	17.912	91	3874819	9.697	ppbv	100
71) 2-Chlorotoluene	14.825	91	2662592	9.349	ppbv	100
72) 4-Ethyltoluene	15.217	105	2807241	9.793	ppbv	99
73) 1,3,5-Trimethylbenzene	15.375	105	2473804	9.943	ppbv	98
74) 1,2,4-Trimethylbenzene	16.134	105	2682917	9.536	ppbv	94
75) 1,3-Dichlorobenzene	16.355	146	1556874	9.426	ppbv	100
76) 1,4-Dichlorobenzene	16.500	146	1521073	9.216	ppbv	99
77) 1,2-Dichlorobenzene	17.166	146	1535166	9.285	ppbv	100
78) Hexachloro-1,3-Butadiene	22.661	225	1094143	8.075	ppbv	100
79) Naphthalene	21.410	128	2756994	11.293	ppbv	99
80) Naphthalene,2-methyl-	24.394	142	978894	11.873	ppbv	99
81) 1,2,4-Trichlorobenzene	21.169	180	1233956	9.064	ppbv #	99

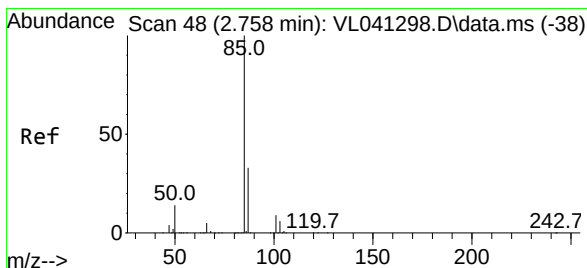
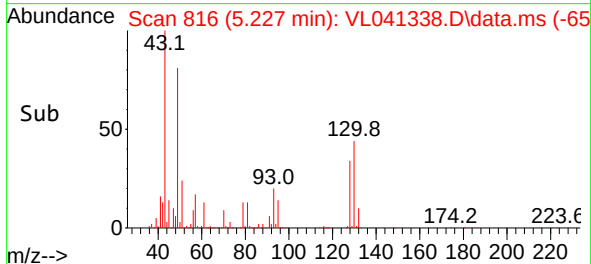
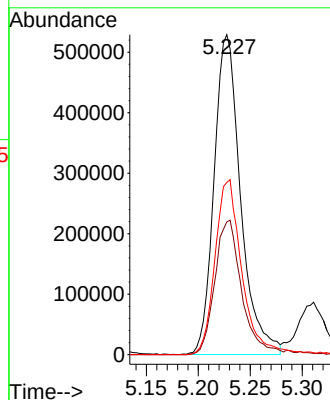
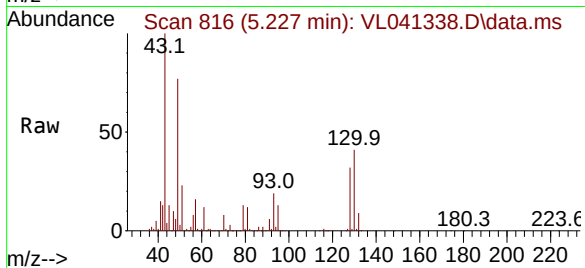
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.227 min Scan# 81
 Delta R.T. 0.022 min
 Lab File: VL041338.D
 Acq: 6 Jun 2024 8:19

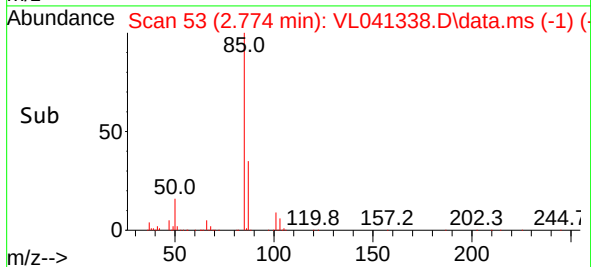
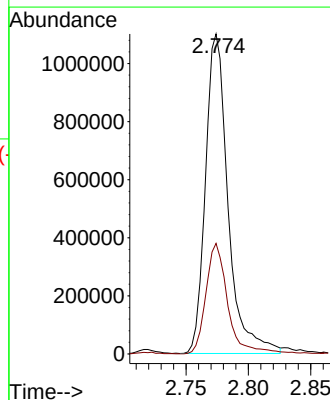
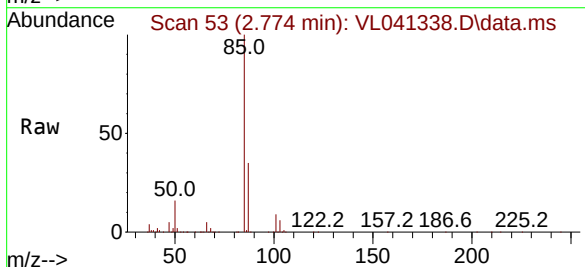
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

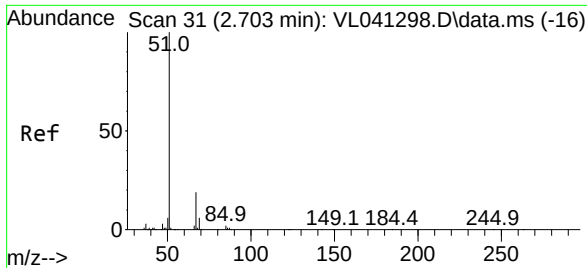
Tgt Ion: 49 Resp: 940264
 Ion Ratio Lower Upper
 49 100
 128 43.3 22.8 68.3
 130 56.0 28.4 85.3



#2
 Dichlorodifluoromethane
 Concen: 9.231 ppbv
 RT: 2.774 min Scan# 53
 Delta R.T. 0.016 min
 Lab File: VL041338.D
 Acq: 6 Jun 2024 8:19

Tgt Ion: 85 Resp: 1386109
 Ion Ratio Lower Upper
 85 100
 87 34.6 26.5 39.7

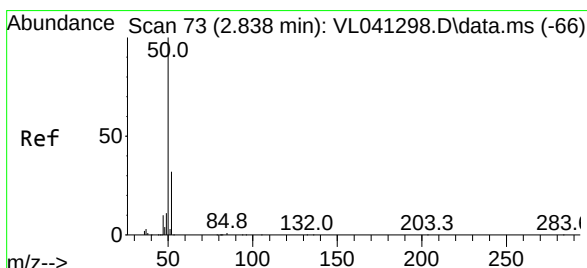
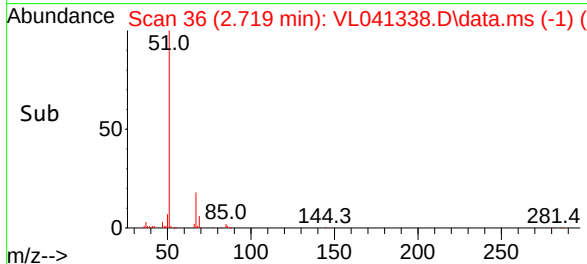
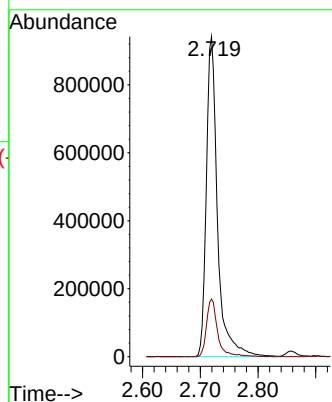
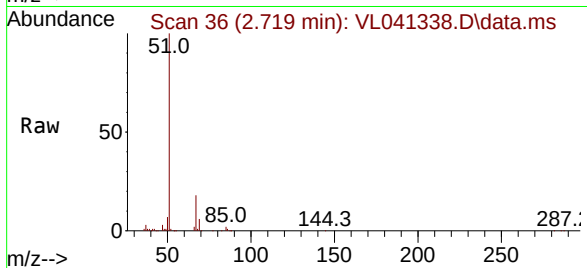




#3
Chlorodifluoromethane
Concen: 8.483 ppbv
RT: 2.719 min Scan# 30
Delta R.T. 0.016 min
Lab File: VL041338.D
Acq: 6 Jun 2024 8:19

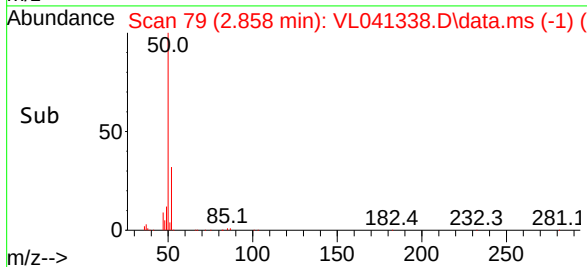
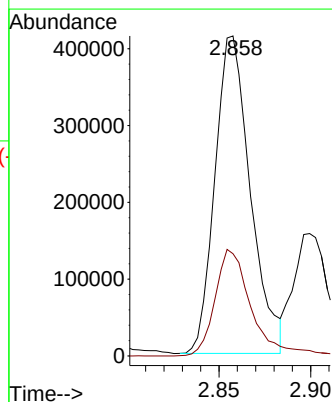
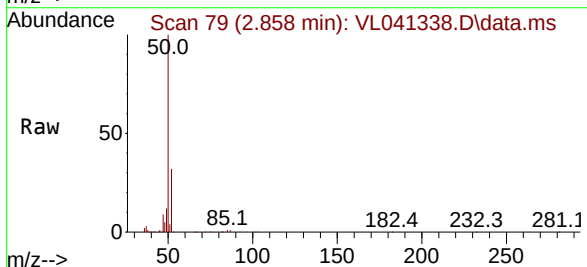
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

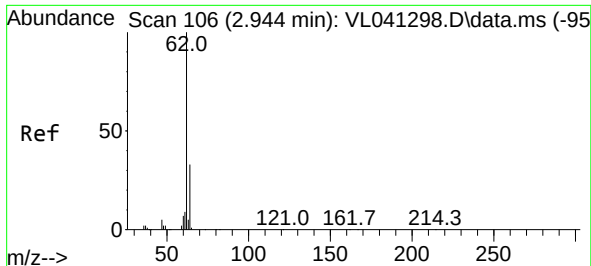
Tgt Ion: 51 Resp: 1260448
Ion Ratio Lower Upper
51 100
67 18.0 14.7 22.1



#4
Chloromethane
Concen: 9.933 ppbv
RT: 2.858 min Scan# 79
Delta R.T. 0.019 min
Lab File: VL041338.D
Acq: 6 Jun 2024 8:19

Tgt Ion: 50 Resp: 555515
Ion Ratio Lower Upper
50 100
52 32.1 25.6 38.4

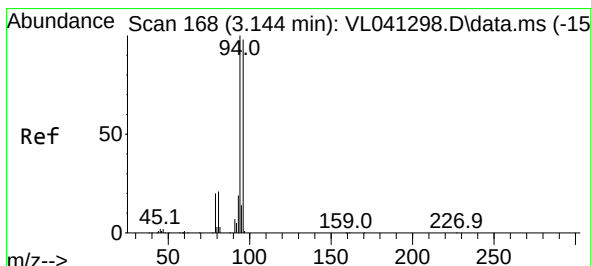
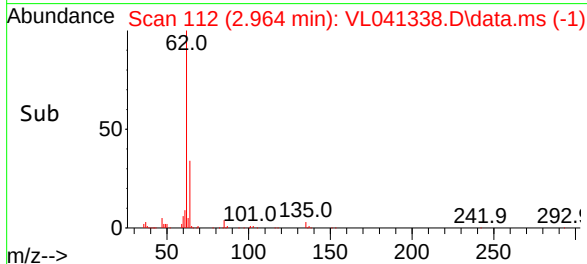
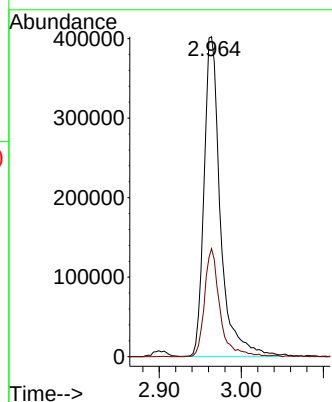
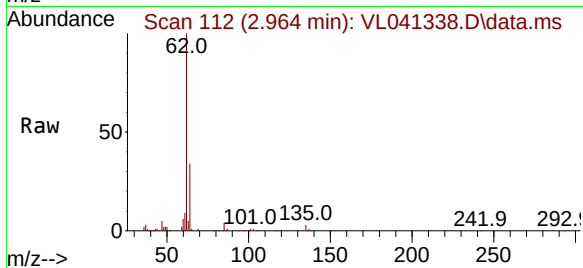




#5
 Vinyl Chloride
 Concen: 9.892 ppbv
 RT: 2.964 min Scan# 112
 Delta R.T. 0.019 min
 Lab File: VL041338.D
 Acq: 6 Jun 2024 8:19

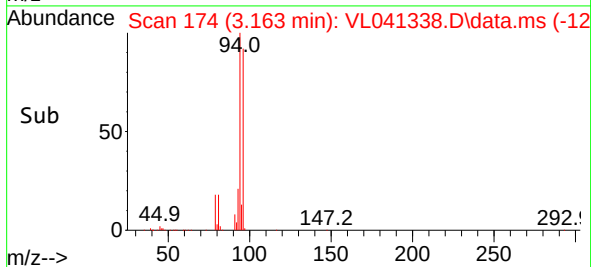
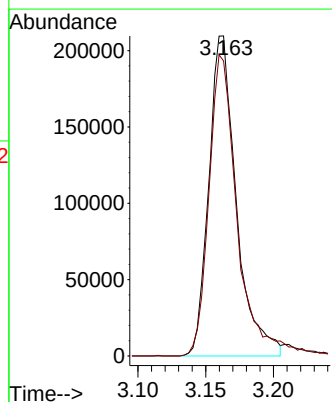
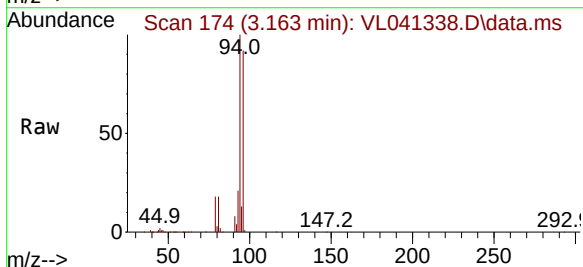
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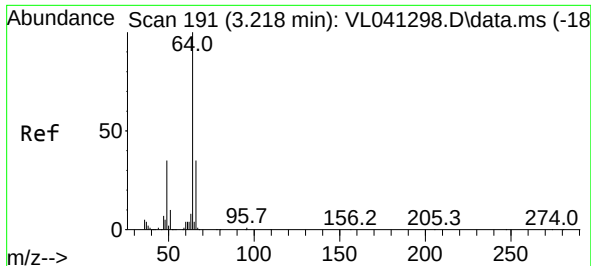
Tgt Ion: 62 Resp: 557314
 Ion Ratio Lower Upper
 62 100
 64 33.8 26.6 40.0



#6
 Bromomethane
 Concen: 14.809 ppbv
 RT: 3.163 min Scan# 174
 Delta R.T. 0.019 min
 Lab File: VL041338.D
 Acq: 6 Jun 2024 8:19

Tgt Ion: 94 Resp: 296665
 Ion Ratio Lower Upper
 94 100
 96 92.2 78.6 117.8

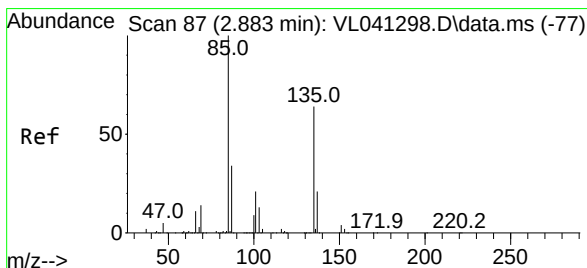
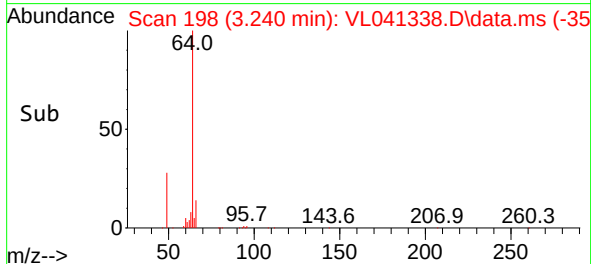
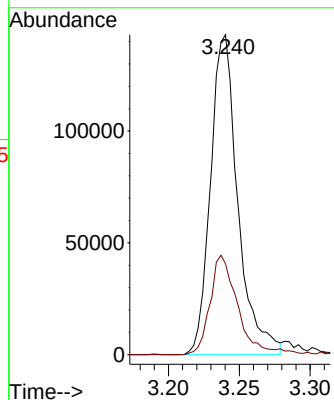
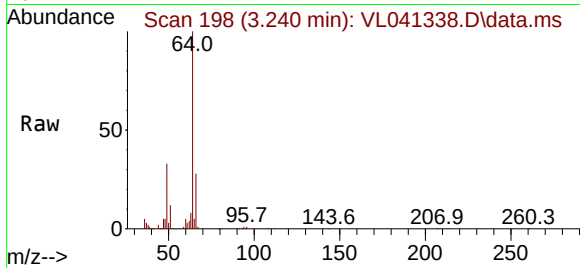




#7
Chloroethane
Concen: 9.900 ppbv
RT: 3.240 min Scan# 191
Delta R.T. 0.023 min
Lab File: VL041338.D
Acq: 6 Jun 2024 8:19

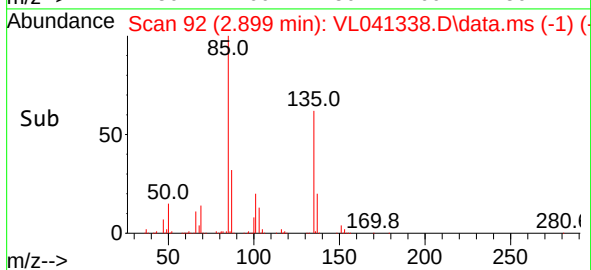
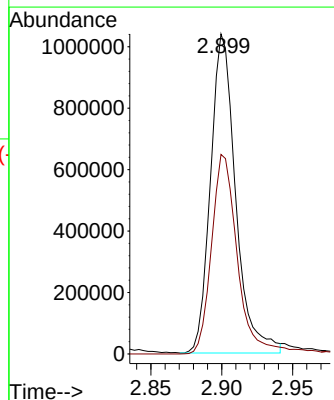
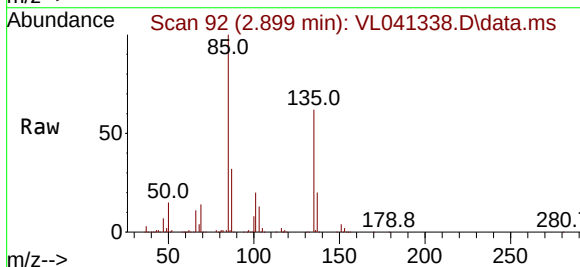
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

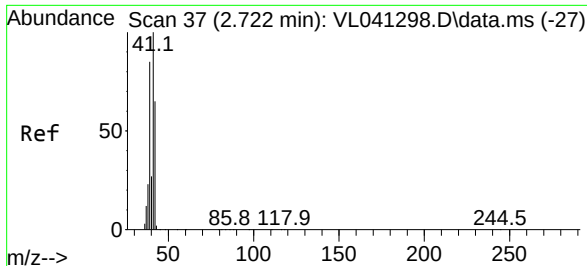
Tgt Ion: 64 Resp: 192044
Ion Ratio Lower Upper
64 100
66 28.4 28.1 42.1



#8
Dichlorotetrafluoroethane
Concen: 9.296 ppbv
RT: 2.899 min Scan# 92
Delta R.T. 0.016 min
Lab File: VL041338.D
Acq: 6 Jun 2024 8:19

Tgt Ion: 85 Resp: 1283712
Ion Ratio Lower Upper
85 100
135 66.1 51.7 77.5

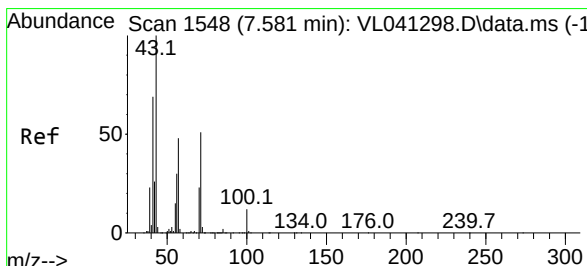
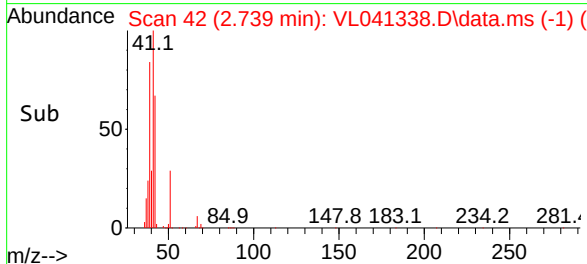
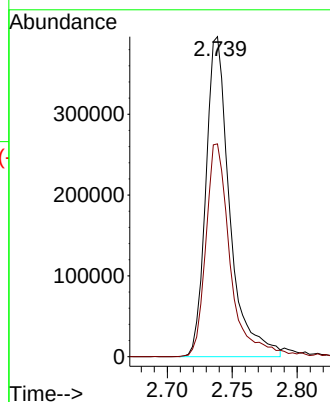
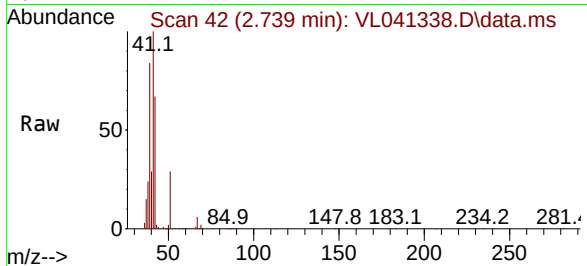




#9
Propene
Concen: 9.569 ppbv
RT: 2.739 min Scan# 41
Delta R.T. 0.016 min
Lab File: VL041338.D
Acq: 6 Jun 2024 8:19

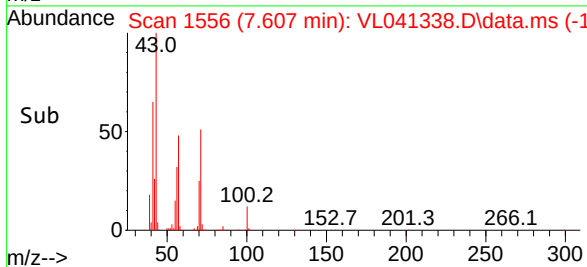
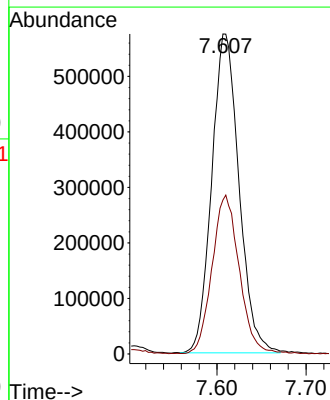
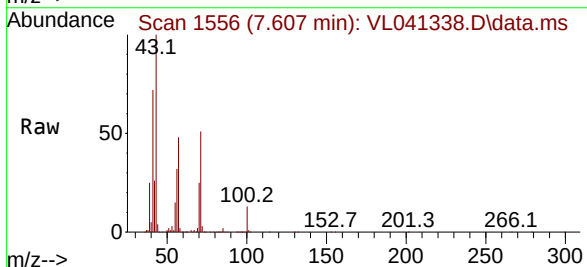
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

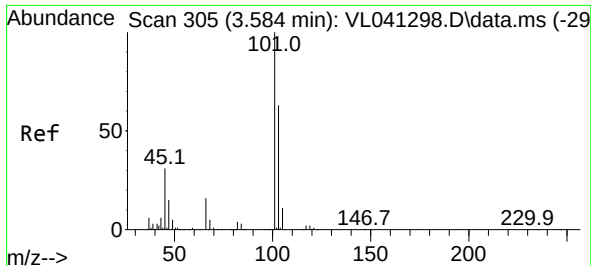
Tgt Ion: 41 Resp: 506471
Ion Ratio Lower Upper
41 100
42 69.1 55.2 82.8



#10
Heptane
Concen: 9.736 ppbv
RT: 7.607 min Scan# 1556
Delta R.T. 0.026 min
Lab File: VL041338.D
Acq: 6 Jun 2024 8:19

Tgt Ion: 43 Resp: 1221357
Ion Ratio Lower Upper
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57 49.6 39.0 58.4

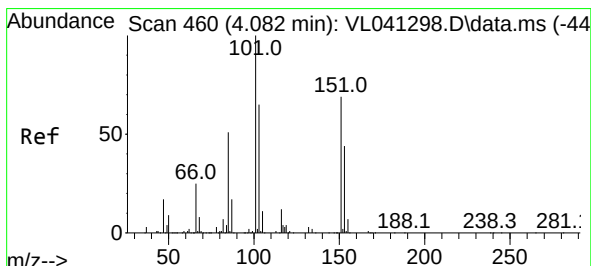
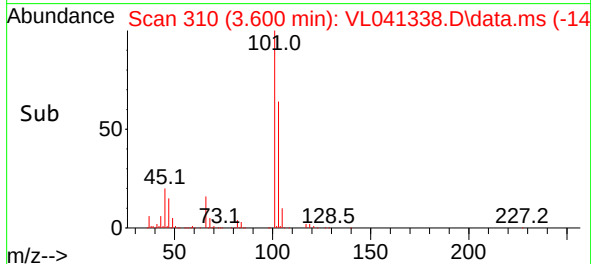
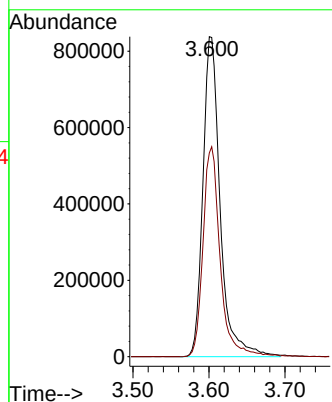
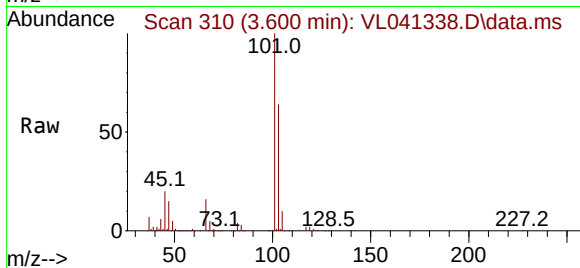




#11
Trichlorofluoromethane
Concen: 9.555 ppbv
RT: 3.600 min Scan# 310
Delta R.T. 0.016 min
Lab File: VL041338.D
Acq: 6 Jun 2024 8:19

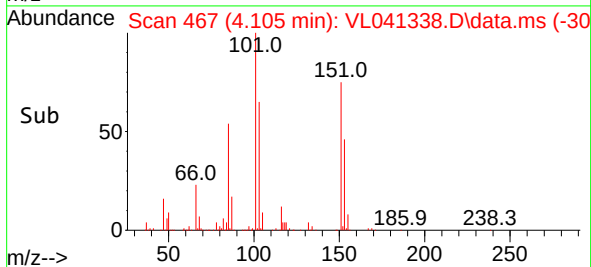
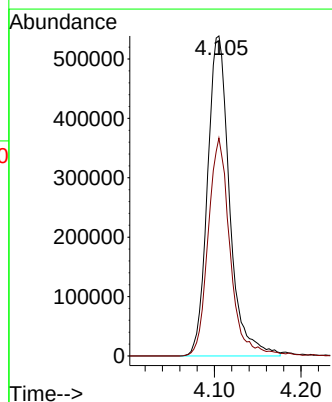
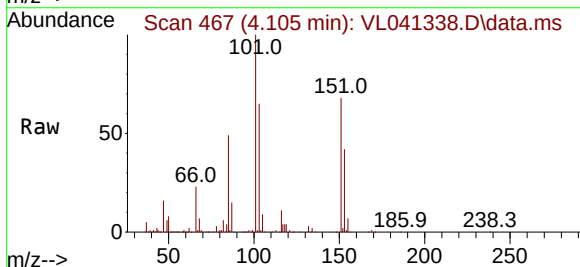
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

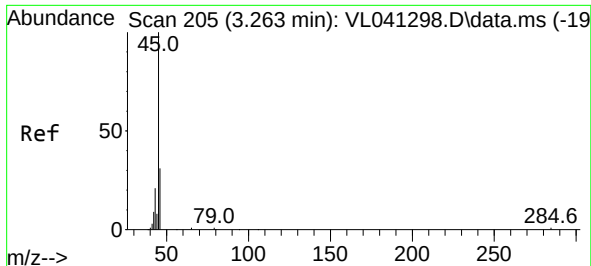
Tgt Ion:101 Resp: 1318948
Ion Ratio Lower Upper
101 100
103 63.6 50.6 76.0



#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.792 ppbv
RT: 4.105 min Scan# 467
Delta R.T. 0.023 min
Lab File: VL041338.D
Acq: 6 Jun 2024 8:19

Tgt Ion:101 Resp: 954682
Ion Ratio Lower Upper
101 100
151 68.0 54.8 82.2

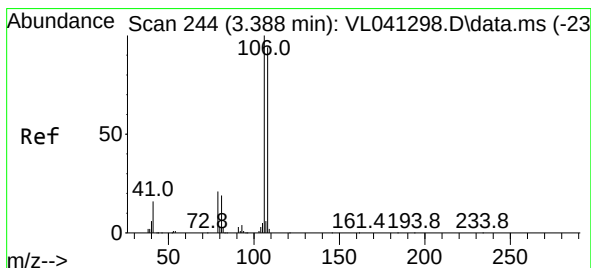
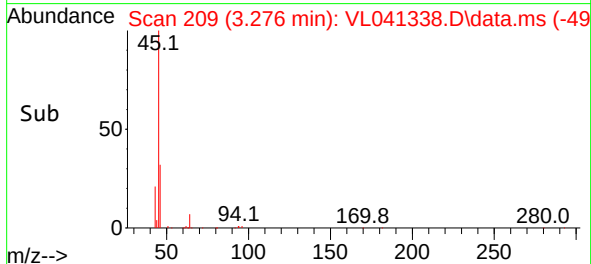
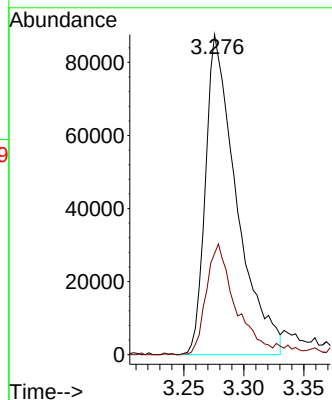
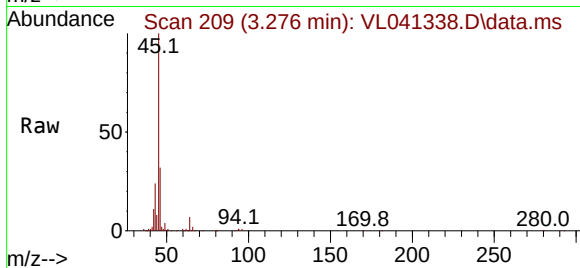




#13
Ethanol
Concen: 11.484 ppbv
RT: 3.276 min Scan# 205
Delta R.T. 0.013 min
Lab File: VL041338.D
Acq: 6 Jun 2024 8:19

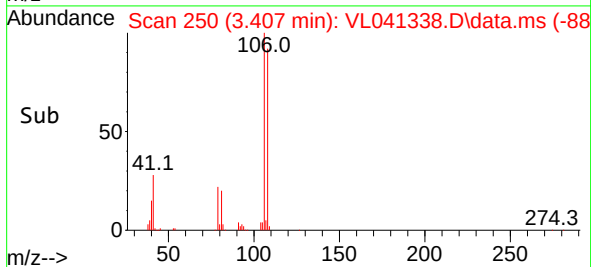
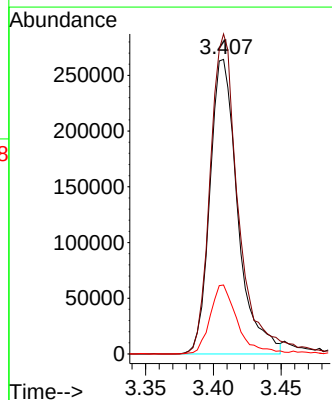
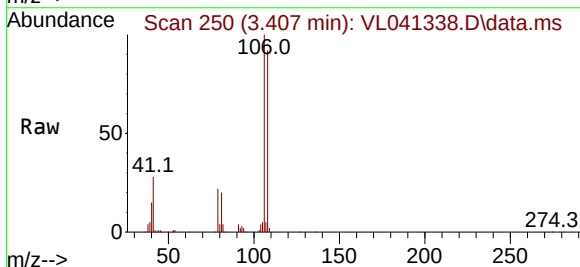
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

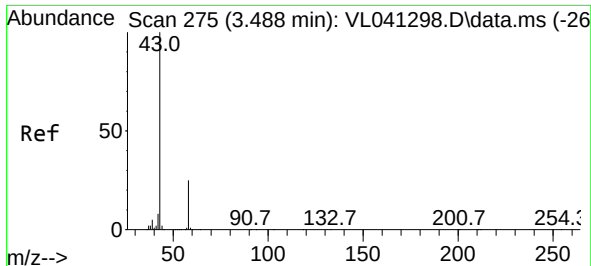
Tgt Ion: 45 Resp: 158133
Ion Ratio Lower Upper
45 100
46 34.3 14.2 56.6



#14
Bromoethene
Concen: 9.586 ppbv
RT: 3.407 min Scan# 250
Delta R.T. 0.019 min
Lab File: VL041338.D
Acq: 6 Jun 2024 8:19

Tgt Ion: 108 Resp: 378261
Ion Ratio Lower Upper
108 100
106 112.4 85.4 128.0
79 23.9 17.8 26.8

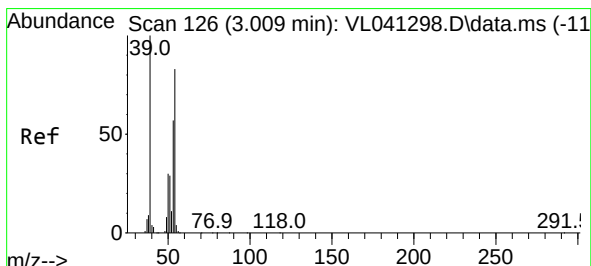
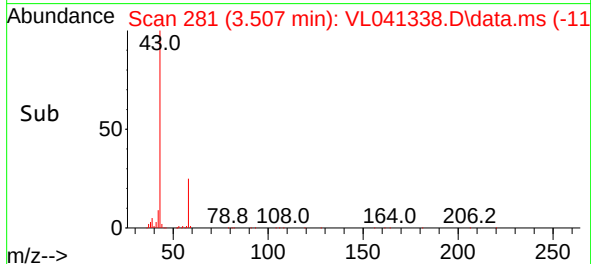
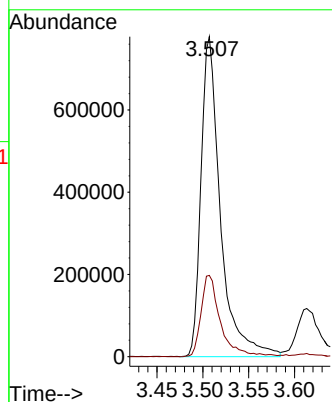
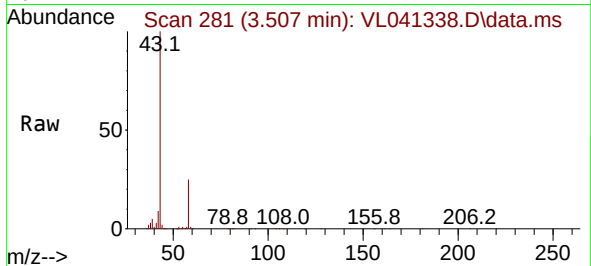




#15
Acetone
Concen: 10.680 ppbv
RT: 3.507 min Scan# 21
Delta R.T. 0.019 min
Lab File: VL041338.D
Acq: 6 Jun 2024 8:19

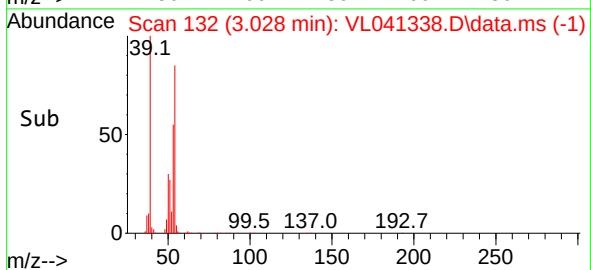
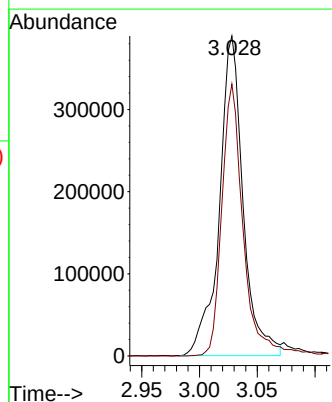
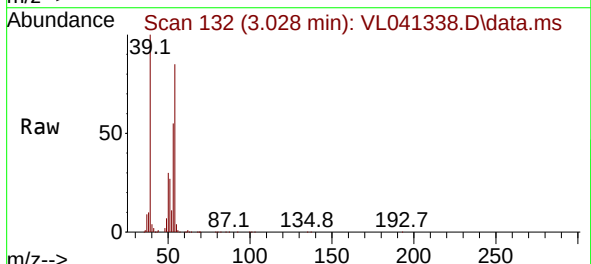
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

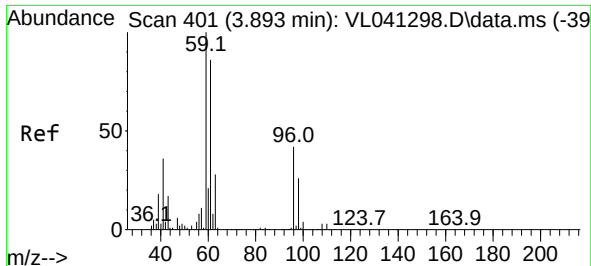
Tgt Ion: 43 Resp: 1146546
Ion Ratio Lower Upper
43 100
58 25.4 20.6 31.0



#16
1,3-Butadiene
Concen: 10.327 ppbv
RT: 3.028 min Scan# 132
Delta R.T. 0.019 min
Lab File: VL041338.D
Acq: 6 Jun 2024 8:19

Tgt Ion: 39 Resp: 557312
Ion Ratio Lower Upper
39 100
54 77.7 60.5 90.7

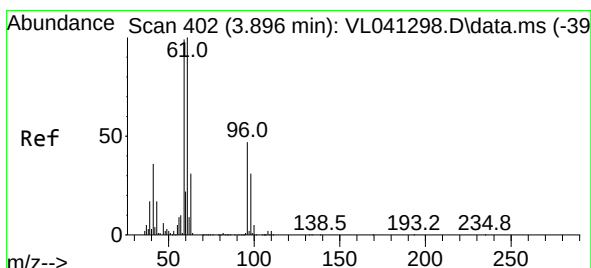
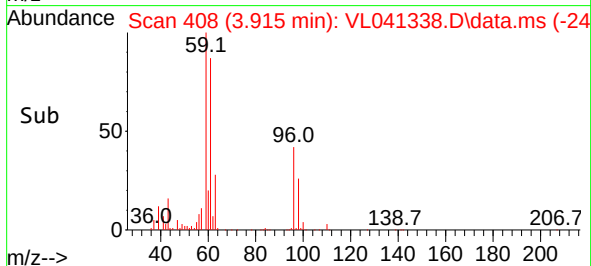
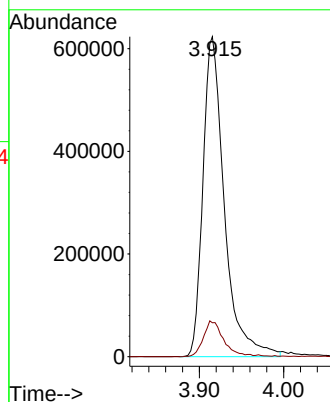
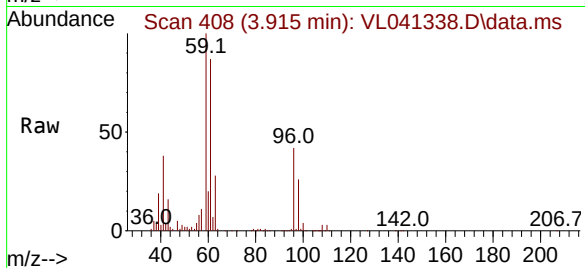




#17
tert-Butyl alcohol
Concen: 11.166 ppbv
RT: 3.915 min Scan# 408
Delta R.T. 0.023 min
Lab File: VL041338.D
Acq: 6 Jun 2024 8:19

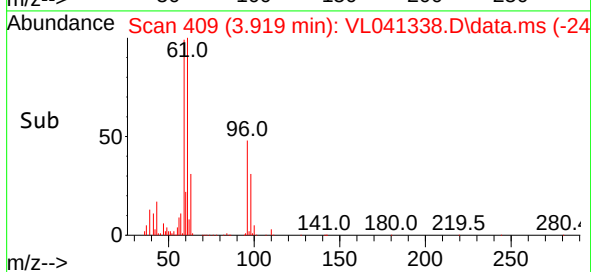
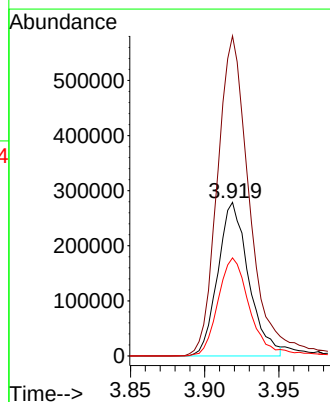
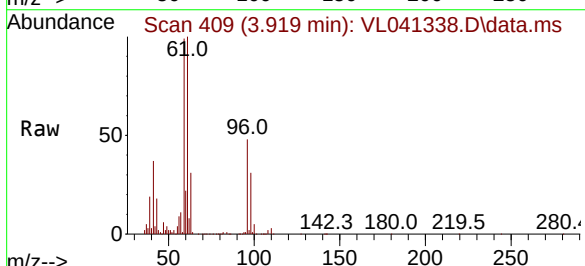
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

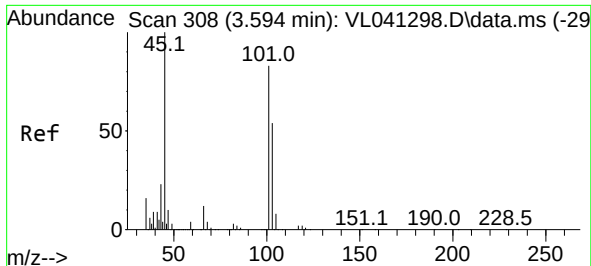
Tgt Ion: 59 Resp: 1103680
Ion Ratio Lower Upper
59 100
57 11.1 9.0 13.4



#18
1,1-Dichloroethene
Concen: 9.665 ppbv
RT: 3.919 min Scan# 409
Delta R.T. 0.023 min
Lab File: VL041338.D
Acq: 6 Jun 2024 8:19

Tgt Ion: 96 Resp: 401977
Ion Ratio Lower Upper
96 100
61 208.3 171.8 257.8
98 63.7 53.1 79.7

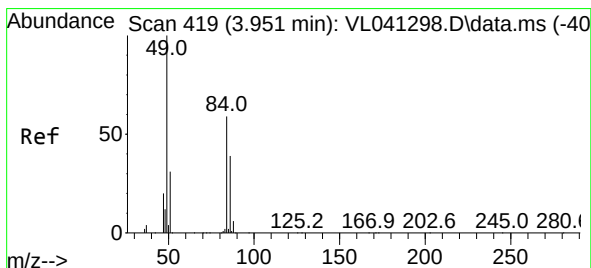
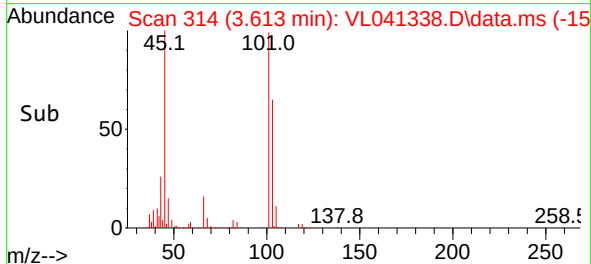
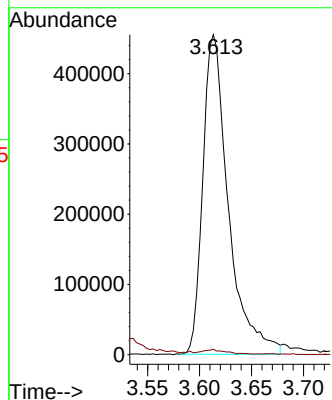
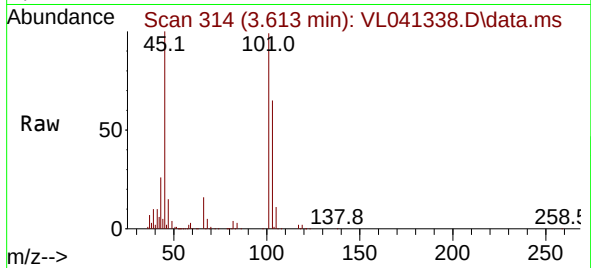




#19
Isopropyl Alcohol
Concen: 11.542 ppbv
RT: 3.613 min Scan# 311
Delta R.T. 0.019 min
Lab File: VL041338.D
Acq: 6 Jun 2024 8:19

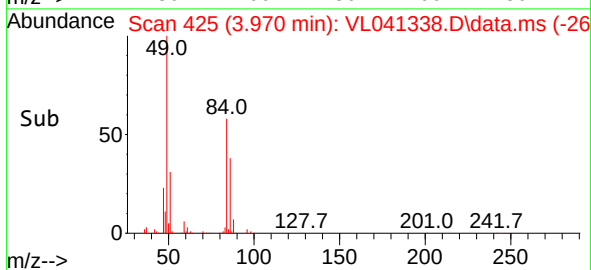
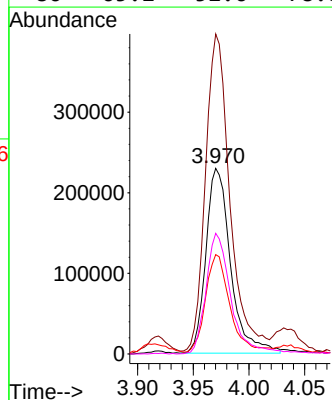
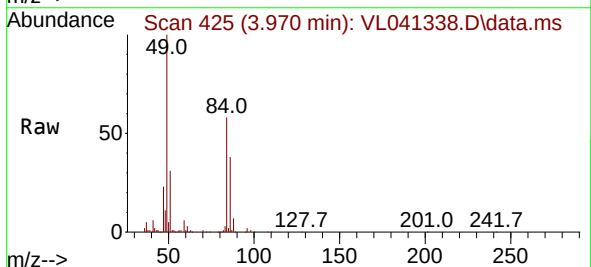
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

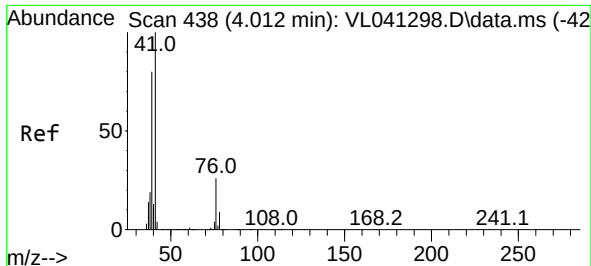
Tgt Ion: 45 Resp: 778459
Ion Ratio Lower Upper
45 100
58 2.1 1.4 2.2



#20
Methylene Chloride
Concen: 9.082 ppbv
RT: 3.970 min Scan# 425
Delta R.T. 0.019 min
Lab File: VL041338.D
Acq: 6 Jun 2024 8:19

Tgt Ion: 84 Resp: 354378
Ion Ratio Lower Upper
84 100
49 171.6 136.2 204.2
51 52.2 41.9 62.9
86 65.2 52.6 78.8





#21

Allyl Chloride

Concen: 11.085 ppbv

RT: 4.034 min Scan# 445

Delta R.T. 0.023 min

Lab File: VL041338.D

Acq: 6 Jun 2024 8:19

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

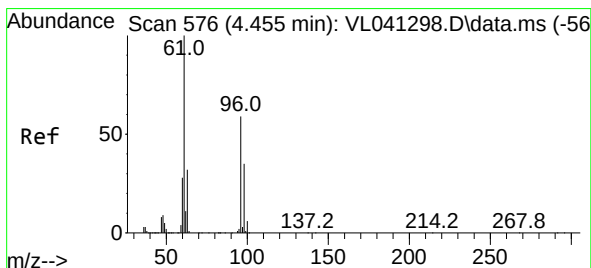
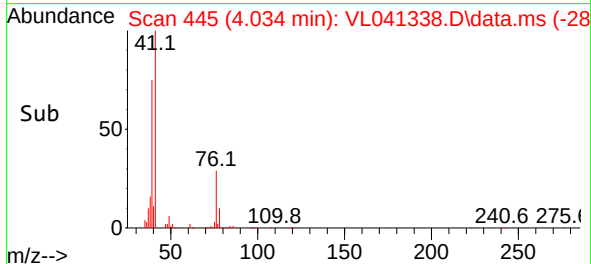
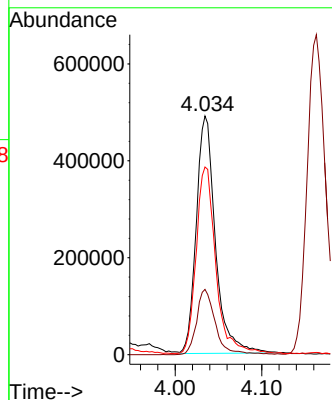
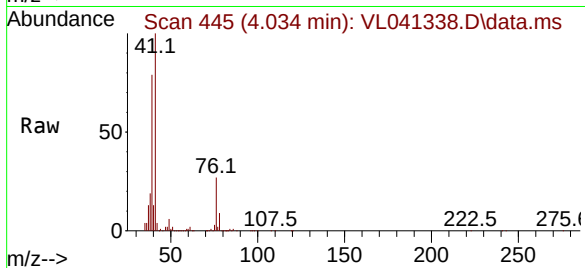
Tgt Ion: 41 Resp: 753892

Ion Ratio Lower Upper

41 100

76 27.1 22.3 33.5

39 81.1 66.3 99.5



#22

trans-1,2-Dichloroethene

Concen: 10.136 ppbv

RT: 4.481 min Scan# 584

Delta R.T. 0.026 min

Lab File: VL041338.D

Acq: 6 Jun 2024 8:19

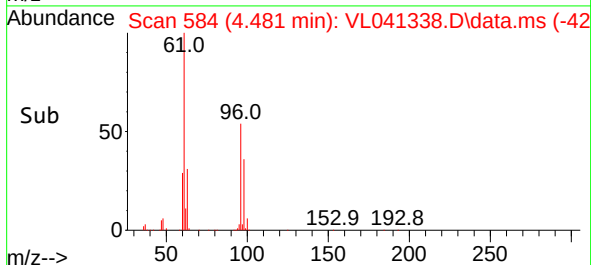
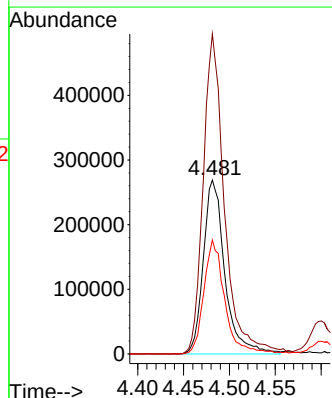
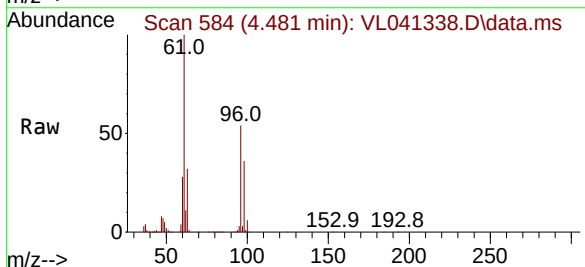
Tgt Ion: 96 Resp: 439318

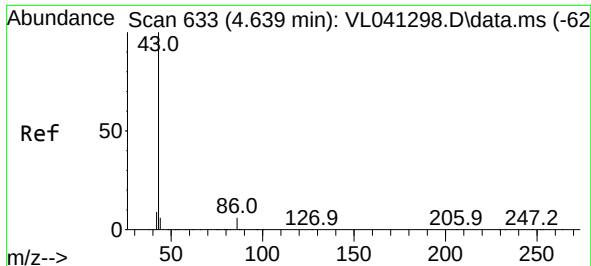
Ion Ratio Lower Upper

96 100

61 184.0 135.5 203.3

98 65.5 47.6 71.4



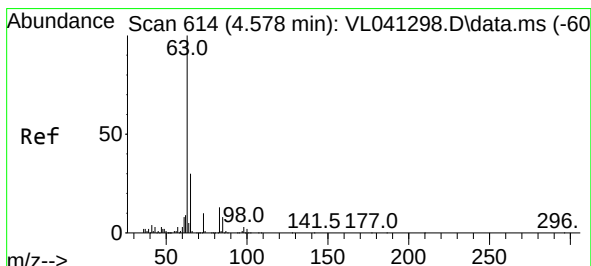
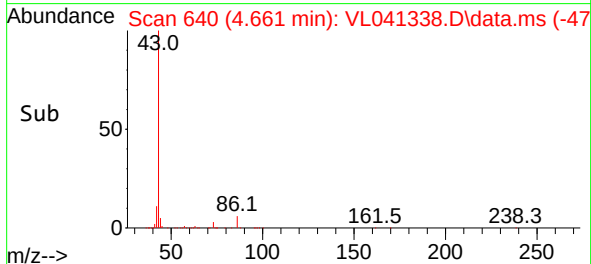
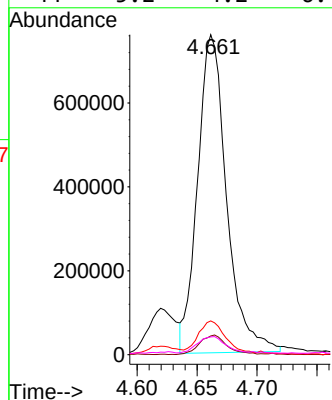
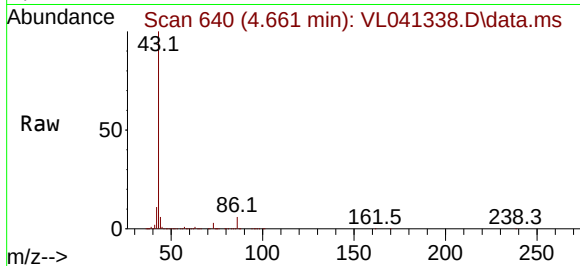


#23
 Vinyl Acetate
 Concen: 11.618 ppbv
 RT: 4.661 min Scan# 641
 Delta R.T. 0.023 min
 Lab File: VL041338.D
 Acq: 6 Jun 2024 8:19

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 43 Resp: 1275604

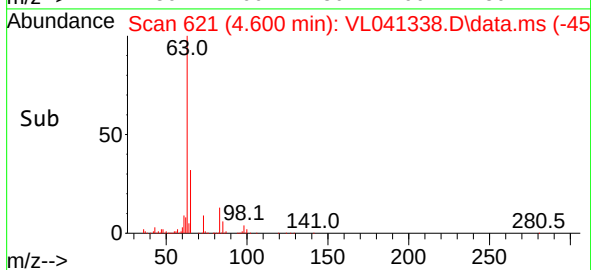
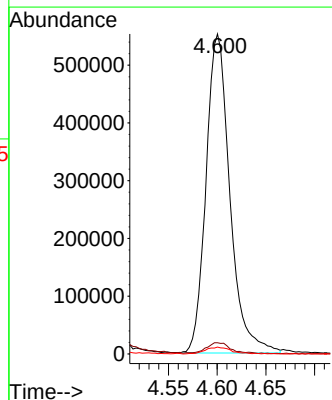
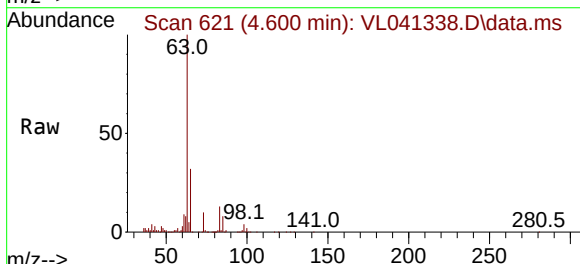
Ion	Ratio	Lower	Upper
43	100		
86	5.7	4.7	7.1
42	10.6	8.0	12.0
44	5.2	4.2	6.4

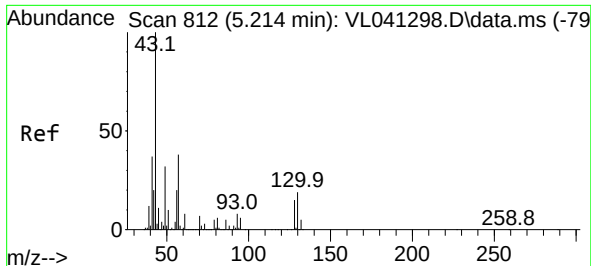


#24
 1,1-Dichloroethane
 Concen: 9.748 ppbv
 RT: 4.600 min Scan# 621
 Delta R.T. 0.023 min
 Lab File: VL041338.D
 Acq: 6 Jun 2024 8:19

Tgt Ion: 63 Resp: 941521

Ion	Ratio	Lower	Upper
63	100		
98	3.4	1.9	5.7
100	2.1	1.1	3.5



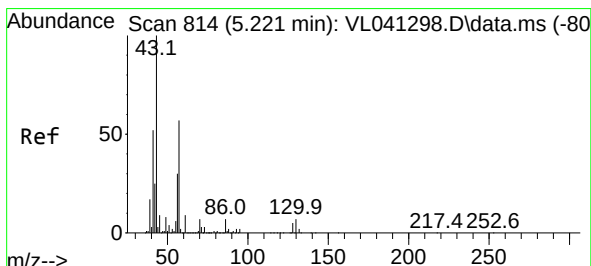
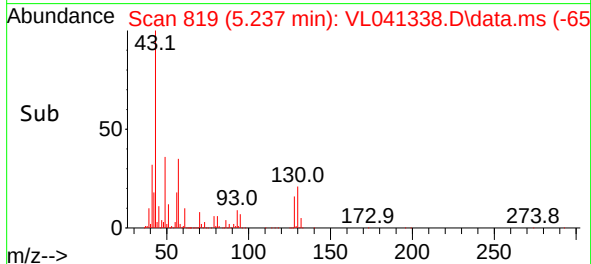
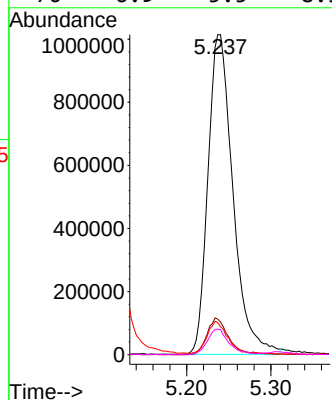
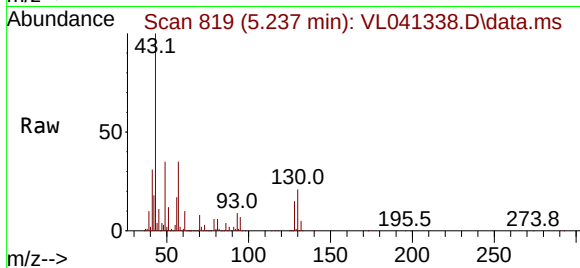


#25
Ethyl Acetate
Concen: 9.834 ppbv
RT: 5.237 min Scan# 819
Delta R.T. 0.023 min
Lab File: VL041338.D
Acq: 6 Jun 2024 8:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 2088519

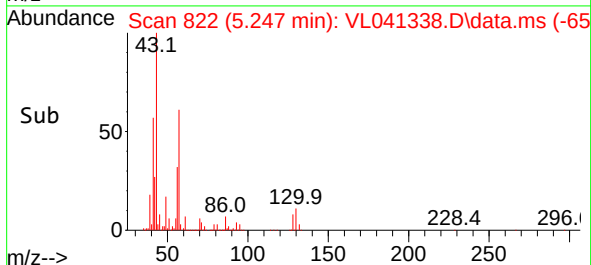
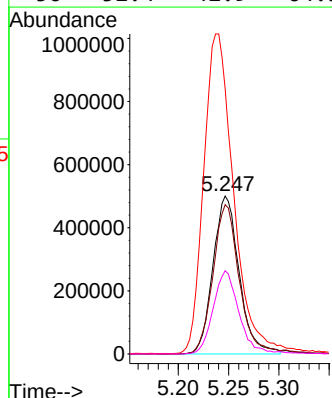
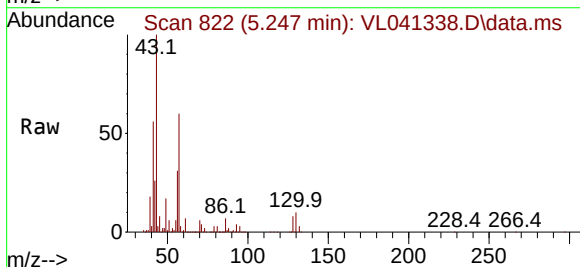
Ion	Ratio	Lower	Upper
43	100		
45	10.1	8.1	12.1
61	9.2	7.4	11.0
70	6.9	5.5	8.3

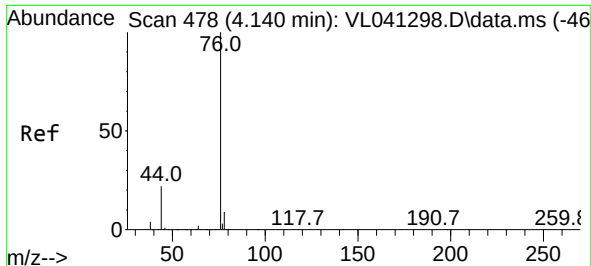


#26
Hexane
Concen: 9.483 ppbv
RT: 5.247 min Scan# 822
Delta R.T. 0.026 min
Lab File: VL041338.D
Acq: 6 Jun 2024 8:19

Tgt Ion: 57 Resp: 905689

Ion	Ratio	Lower	Upper
57	100		
41	96.6	77.1	115.7
43	232.9	186.1	279.1
56	52.4	42.9	64.3

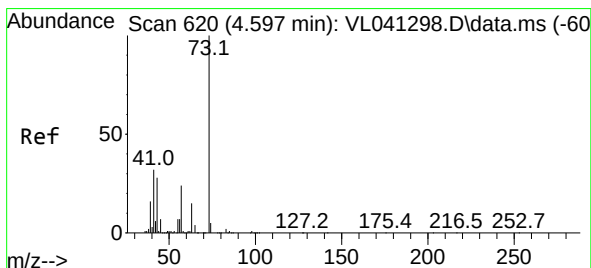
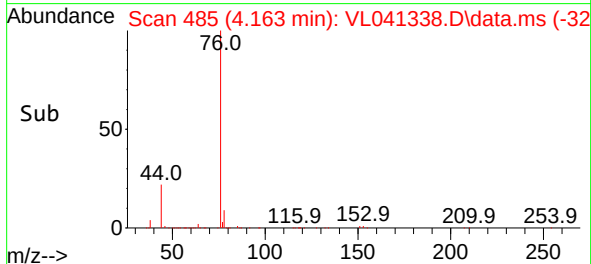
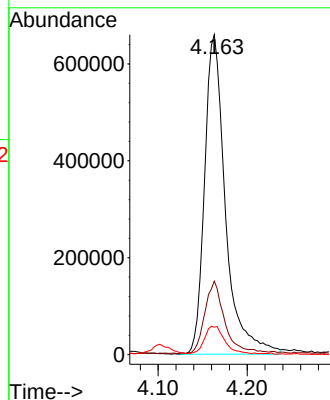
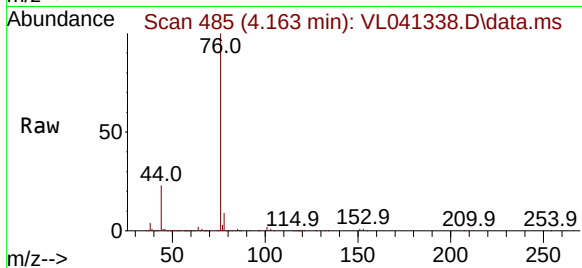




#27
Carbon Disulfide
Concen: 10.156 ppbv
RT: 4.163 min Scan# 41
Delta R.T. 0.023 min
Lab File: VL041338.D
Acq: 6 Jun 2024 8:19

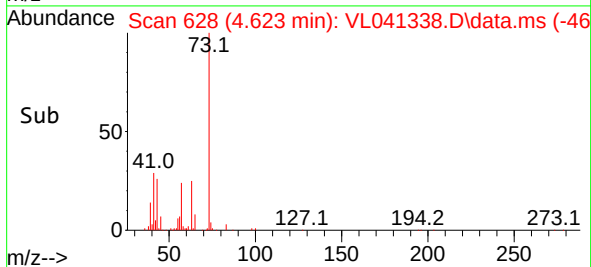
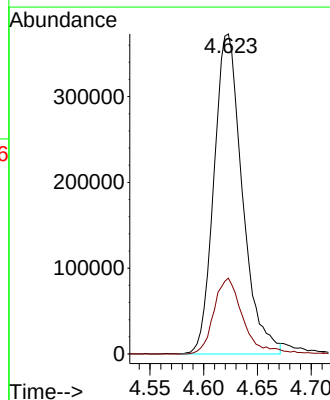
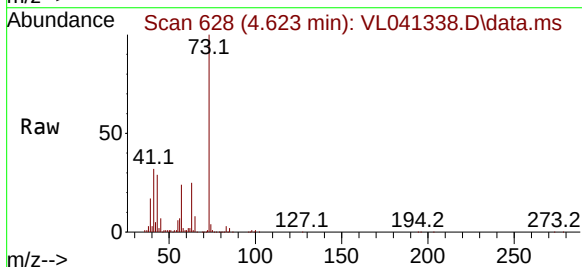
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

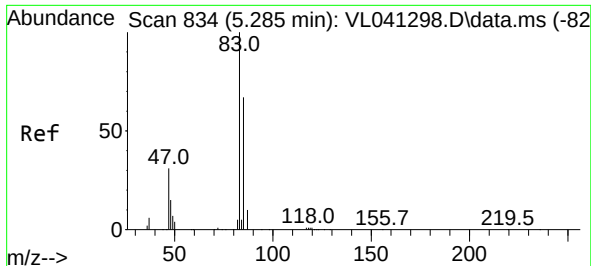
Tgt Ion: 76 Resp: 1074391
Ion Ratio Lower Upper
76 100
44 22.4 17.7 26.5
78 9.2 7.8 11.6



#28
Methyl tert-Butyl Ether
Concen: 9.661 ppbv
RT: 4.623 min Scan# 628
Delta R.T. 0.026 min
Lab File: VL041338.D
Acq: 6 Jun 2024 8:19

Tgt Ion: 73 Resp: 683844
Ion Ratio Lower Upper
73 100
57 24.6 19.2 28.8

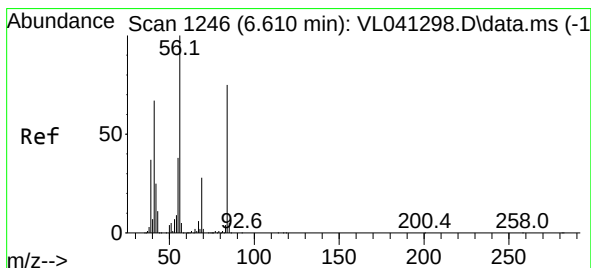
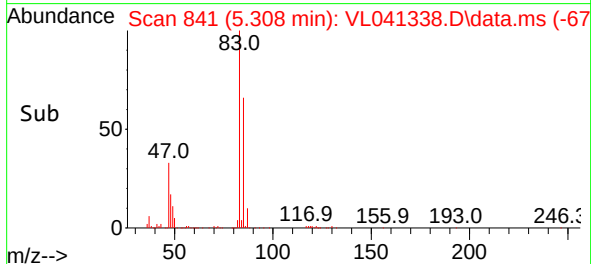
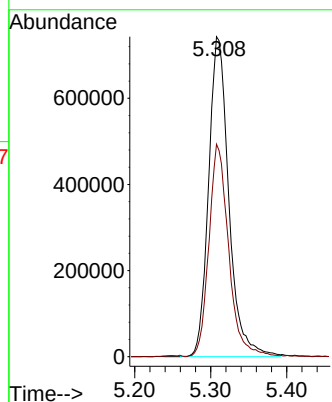
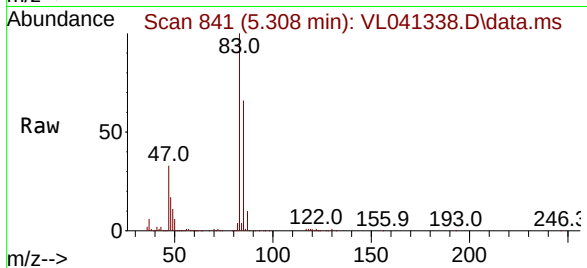




#29
Chloroform
Concen: 9.362 ppbv
RT: 5.308 min Scan# 84
Delta R.T. 0.023 min
Lab File: VL041338.D
Acq: 6 Jun 2024 8:19

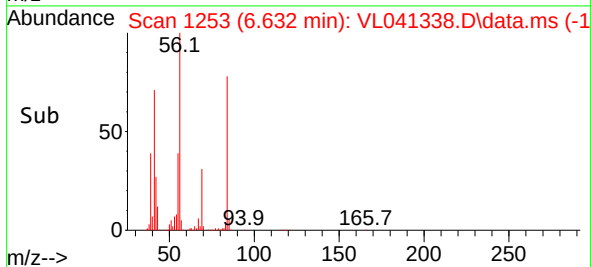
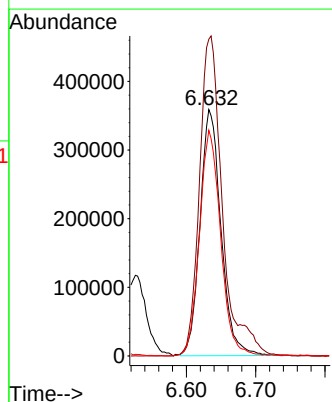
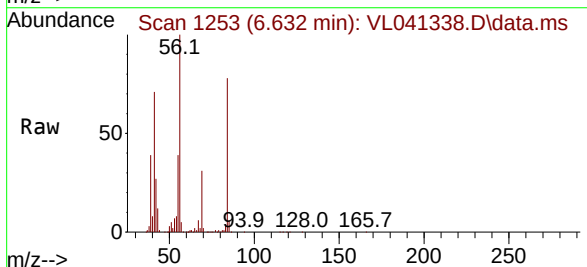
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

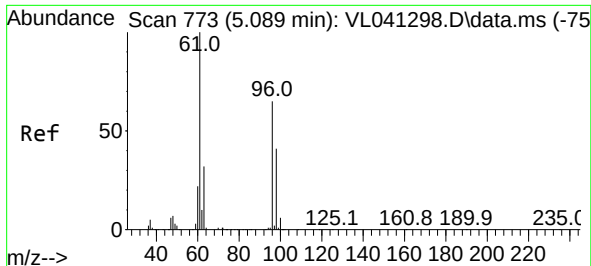
Tgt Ion: 83 Resp: 1371837
Ion Ratio Lower Upper
83 100
85 65.9 53.3 79.9



#30
Cyclohexane
Concen: 9.738 ppbv
RT: 6.632 min Scan# 1253
Delta R.T. 0.023 min
Lab File: VL041338.D
Acq: 6 Jun 2024 8:19

Tgt Ion: 84 Resp: 753899
Ion Ratio Lower Upper
84 100
56 142.9 114.9 172.3
41 92.3 74.4 111.6

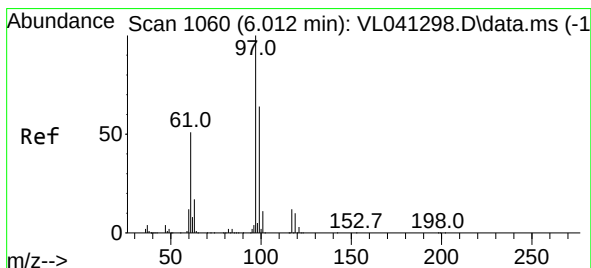
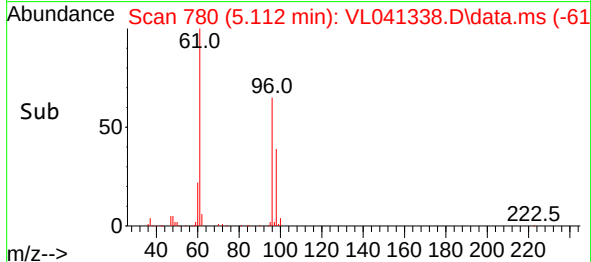
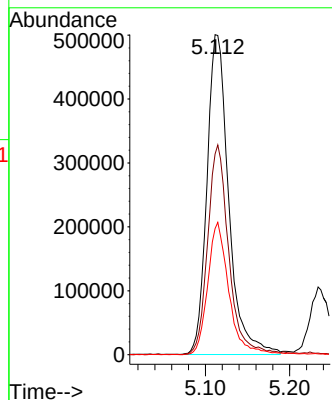
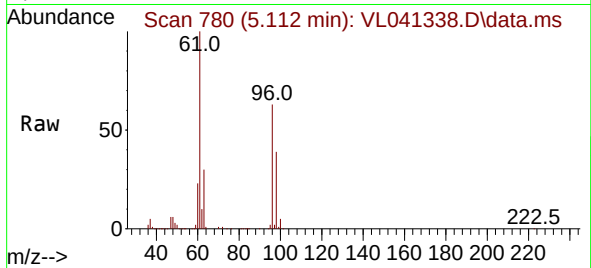




#31
 cis-1,2-Dichloroethene
 Concen: 9.971 ppbv
 RT: 5.112 min Scan# 773
 Delta R.T. 0.023 min
 Lab File: VL041338.D
 Acq: 6 Jun 2024 8:19

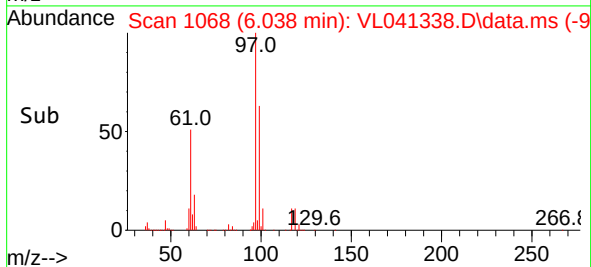
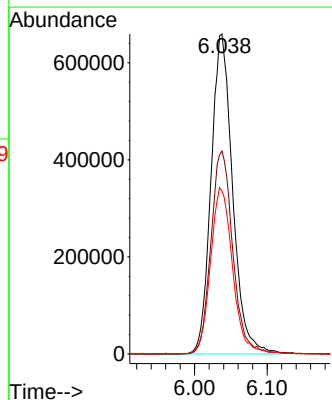
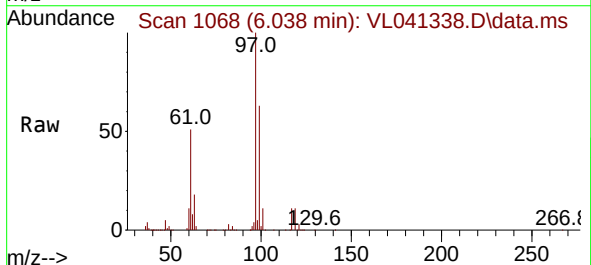
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

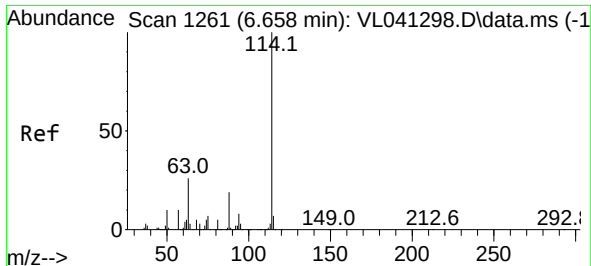
Tgt Ion: 61 Resp: 899893
 Ion Ratio Lower Upper
 61 100
 96 62.6 52.1 78.1
 98 39.4 33.1 49.7



#32
 1,1,1-Trichloroethane
 Concen: 9.812 ppbv
 RT: 6.038 min Scan# 1068
 Delta R.T. 0.026 min
 Lab File: VL041338.D
 Acq: 6 Jun 2024 8:19

Tgt Ion: 97 Resp: 1361876
 Ion Ratio Lower Upper
 97 100
 99 64.5 51.9 77.9
 61 53.2 42.9 64.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.684 min Scan# 11

Delta R.T. 0.026 min

Lab File: VL041338.D

Acq: 6 Jun 2024 8:19

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

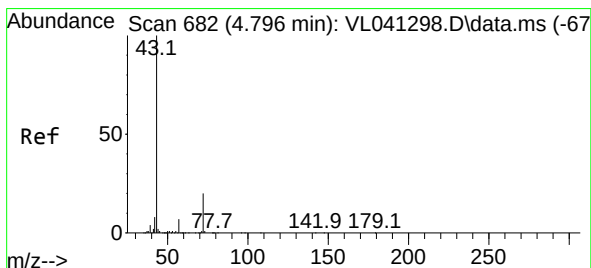
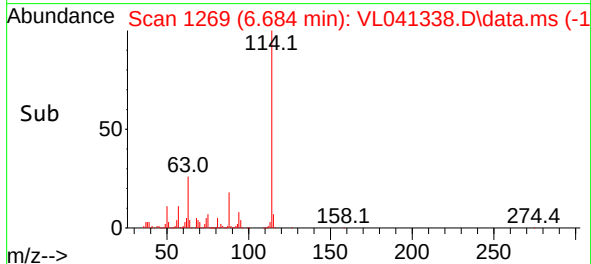
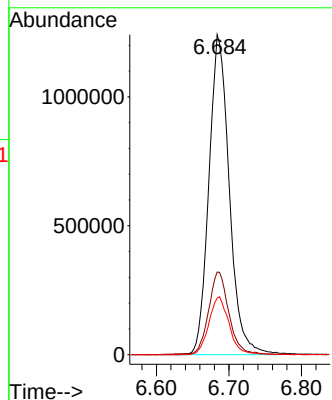
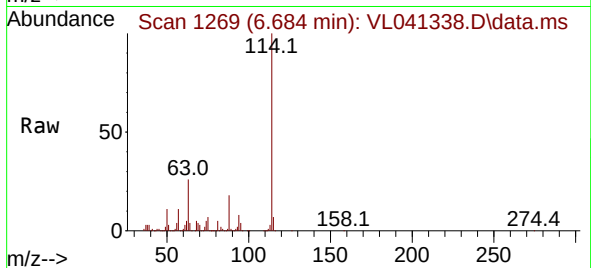
Tgt Ion:114 Resp: 2423374

Ion Ratio Lower Upper

114 100

63 26.1 20.6 30.8

88 18.0 14.5 21.7



#34

2-Butanone

Concen: 10.012 ppbv

RT: 4.819 min Scan# 689

Delta R.T. 0.023 min

Lab File: VL041338.D

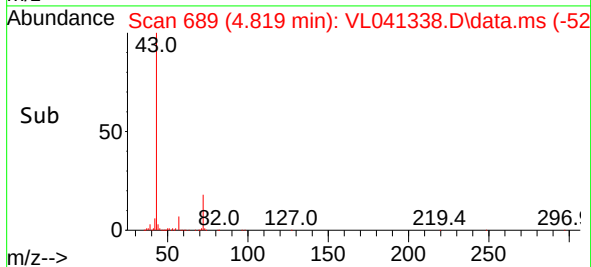
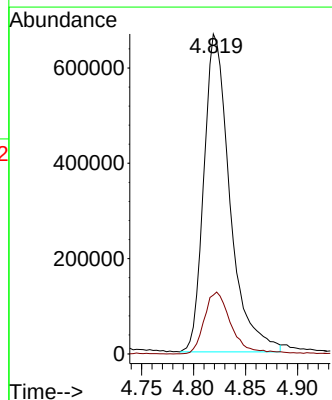
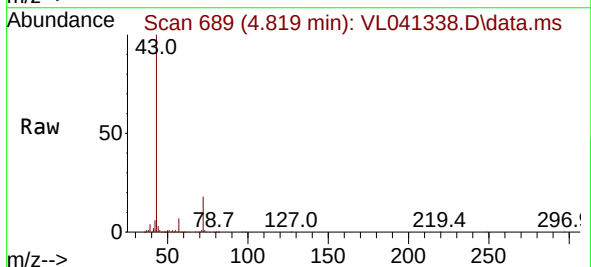
Acq: 6 Jun 2024 8:19

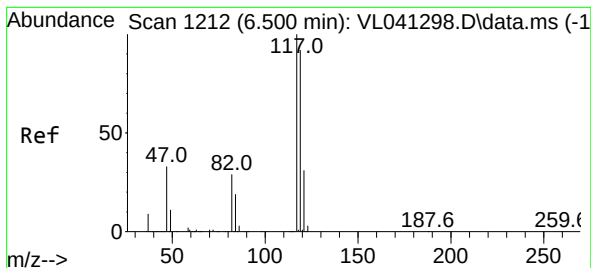
Tgt Ion: 43 Resp: 1162408

Ion Ratio Lower Upper

43 100

72 20.8 17.4 26.0





#35

Carbon Tetrachloride

Concen: 9.684 ppbv

RT: 6.526 min Scan# 1182

Delta R.T. 0.026 min

Lab File: VL041338.D

Acq: 6 Jun 2024 8:19

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

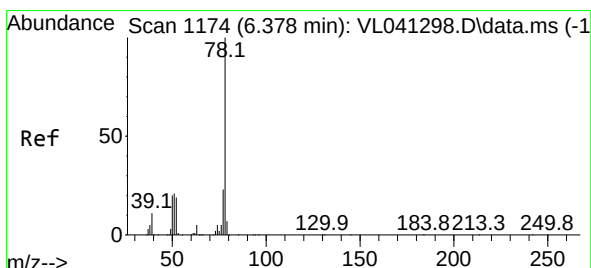
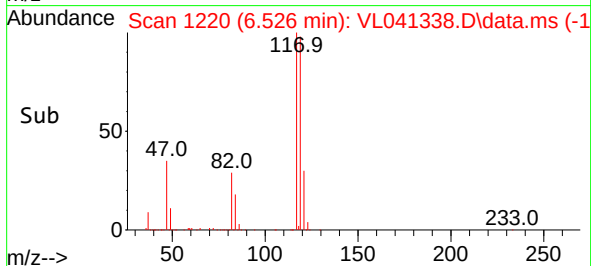
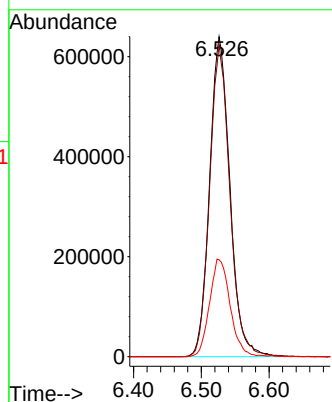
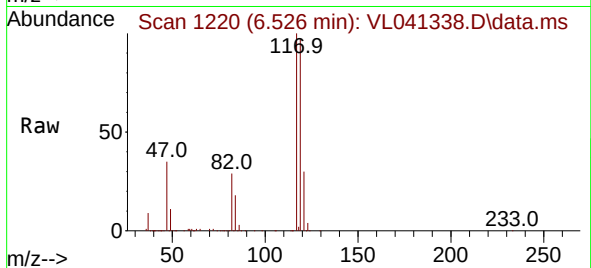
Tgt Ion:117 Resp: 1333782

Ion Ratio Lower Upper

117 100

119 97.5 74.0 111.0

121 30.3 24.8 37.2



#36

Benzene

Concen: 9.945 ppbv

RT: 6.404 min Scan# 1182

Delta R.T. 0.026 min

Lab File: VL041338.D

Acq: 6 Jun 2024 8:19

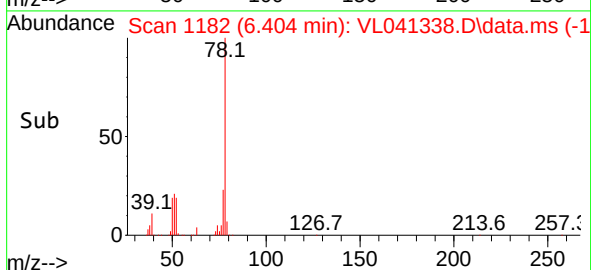
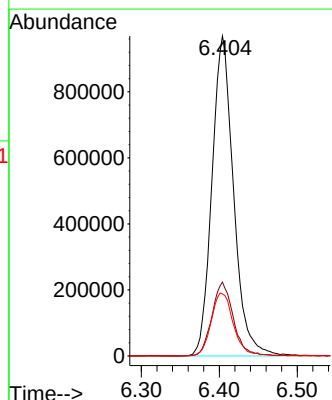
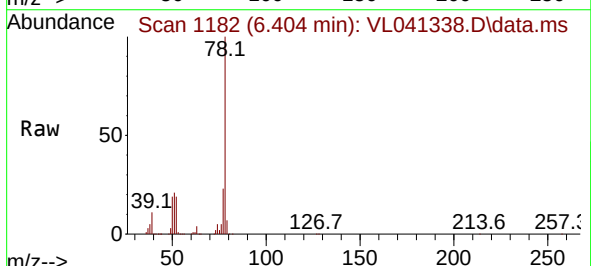
Tgt Ion: 78 Resp: 1867904

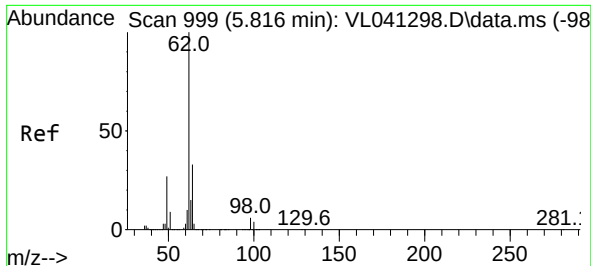
Ion Ratio Lower Upper

78 100

77 23.1 18.6 28.0

50 19.4 16.0 24.0





#37

1,2-Dichloroethane

Concen: 9.883 ppbv

RT: 5.841 min Scan# 1007

Delta R.T. 0.026 min

Lab File: VL041338.D

Acq: 6 Jun 2024 8:19

Instrument :

MSVOA_L

ClientSampleId :

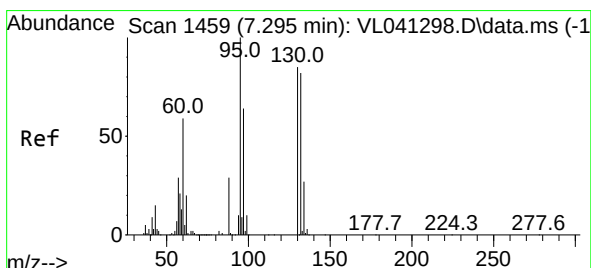
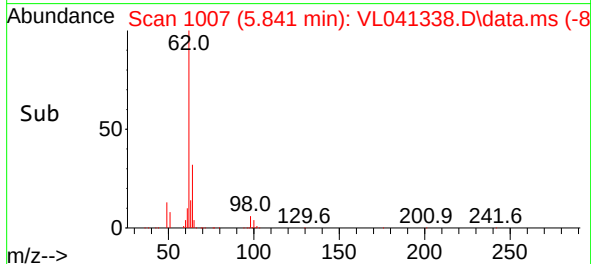
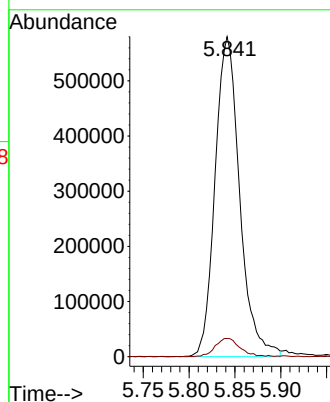
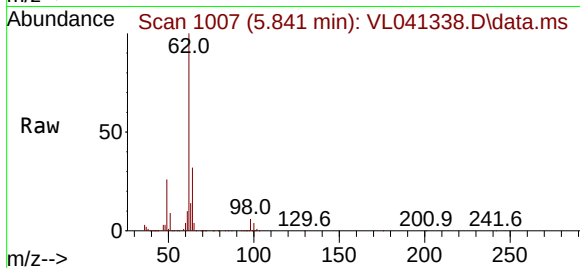
VSTDCCC010EC

Tgt Ion: 62 Resp: 1082256

Ion Ratio Lower Upper

62 100

98 6.0 4.8 7.2



#38

Trichloroethene

Concen: 9.449 ppbv

RT: 7.320 min Scan# 1467

Delta R.T. 0.026 min

Lab File: VL041338.D

Acq: 6 Jun 2024 8:19

Tgt Ion:130 Resp: 719309

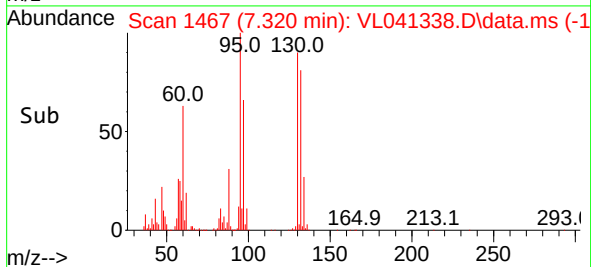
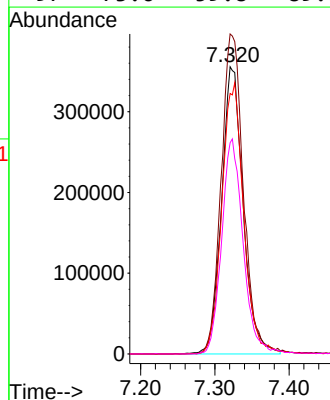
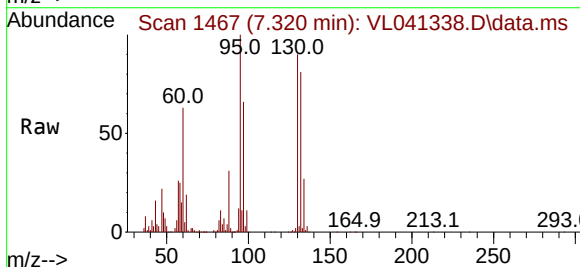
Ion Ratio Lower Upper

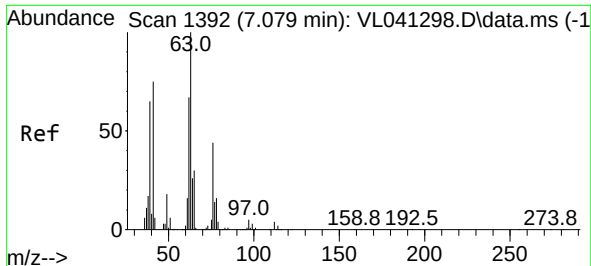
130 100

95 111.4 94.0 141.0

132 90.7 76.7 115.1

97 73.6 59.8 89.8





#39

1,2-Dichloropropane

Concen: 9.790 ppbv

RT: 7.102 min Scan# 11

Delta R.T. 0.023 min

Lab File: VL041338.D

Acq: 6 Jun 2024 8:19

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

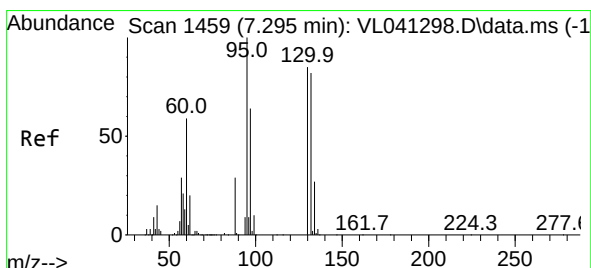
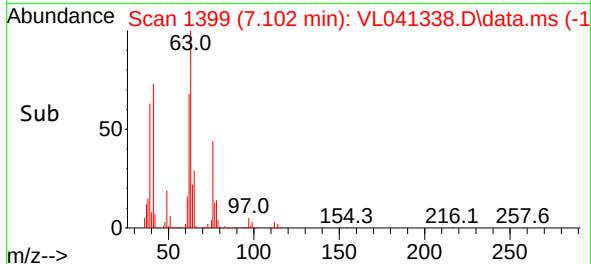
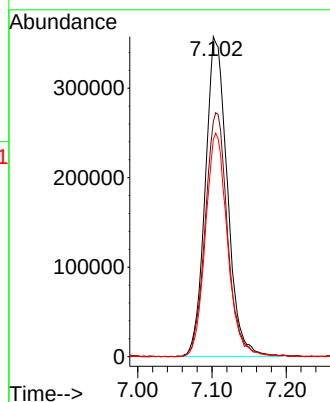
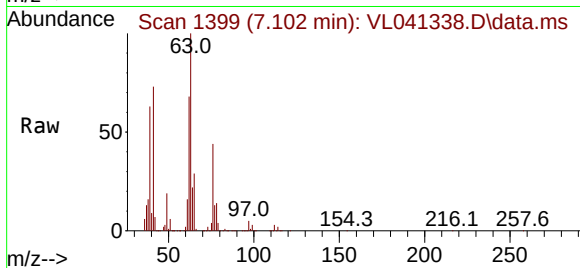
Tgt Ion: 63 Resp: 732215

Ion Ratio Lower Upper

63 100

41 73.3 59.9 89.9

62 67.8 53.8 80.6



#40

1,4-Dioxane

Concen: 11.005 ppbv

RT: 7.317 min Scan# 1466

Delta R.T. 0.022 min

Lab File: VL041338.D

Acq: 6 Jun 2024 8:19

Tgt Ion: 88 Resp: 301460

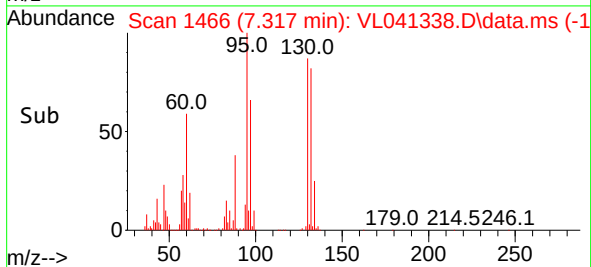
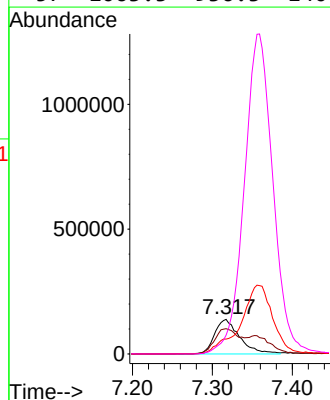
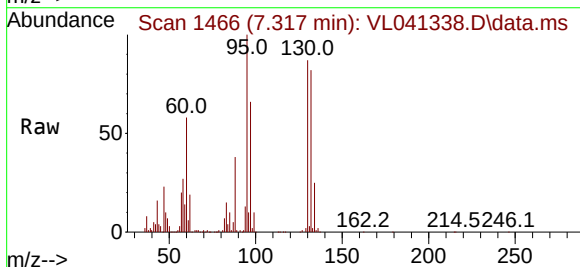
Ion Ratio Lower Upper

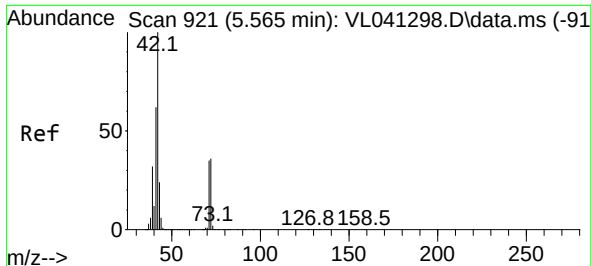
88 100

58 123.4 107.5 161.3

43 259.0 221.8 332.6

57 1063.3 936.3 1404.5

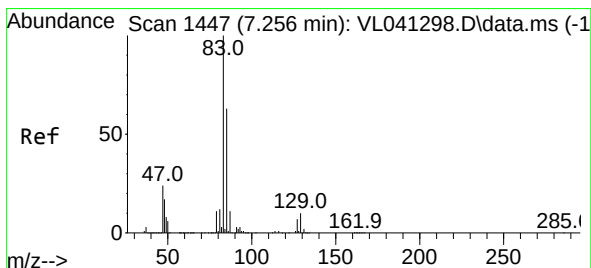
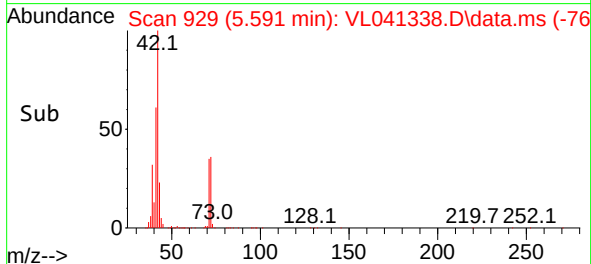
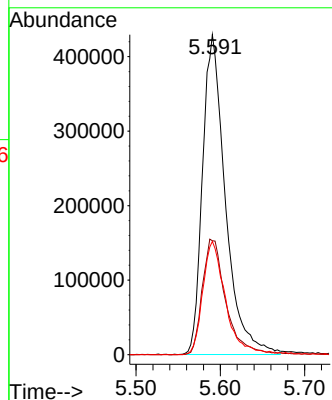
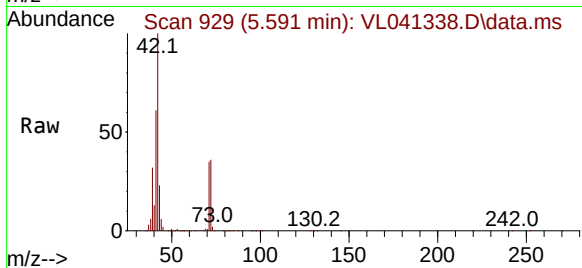




#41
Tetrahydrofuran
Concen: 10.752 ppbv
RT: 5.591 min Scan# 91
Delta R.T. 0.026 min
Lab File: VL041338.D
Acq: 6 Jun 2024 8:19

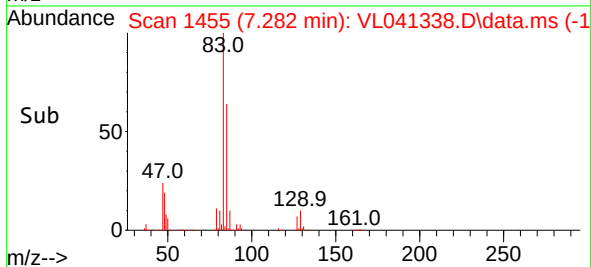
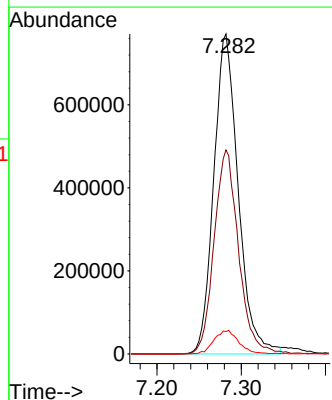
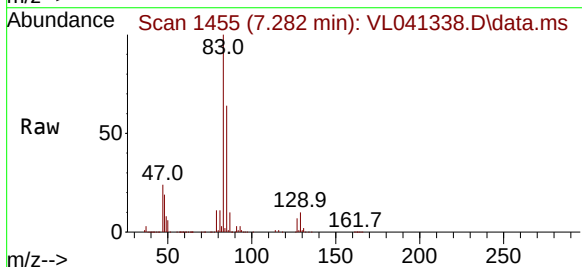
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

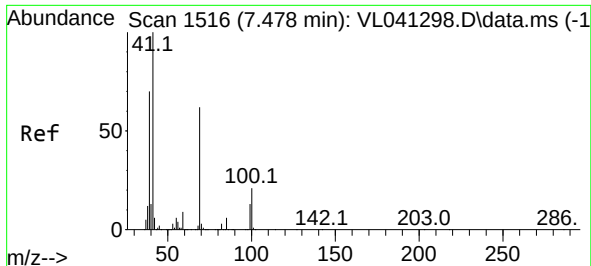
Tgt Ion: 42 Resp: 812221
Ion Ratio Lower Upper
42 100
72 37.5 30.2 45.4
71 35.9 30.3 45.5



#42
Bromodichloromethane
Concen: 9.855 ppbv
RT: 7.282 min Scan# 1455
Delta R.T. 0.026 min
Lab File: VL041338.D
Acq: 6 Jun 2024 8:19

Tgt Ion: 83 Resp: 1549950
Ion Ratio Lower Upper
83 100
85 63.7 50.6 75.8
127 7.0 5.6 8.4

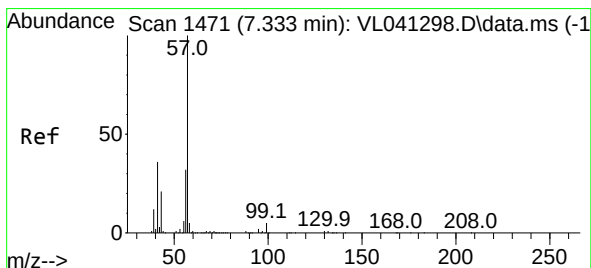
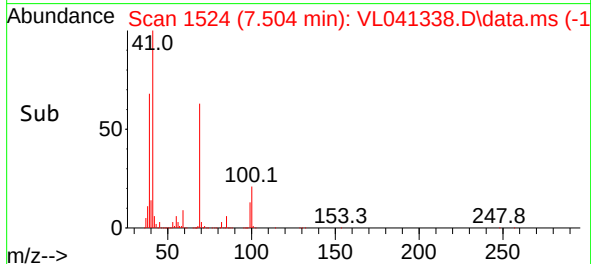
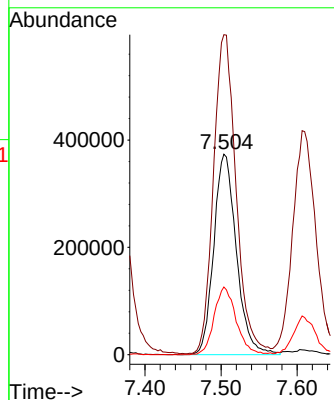
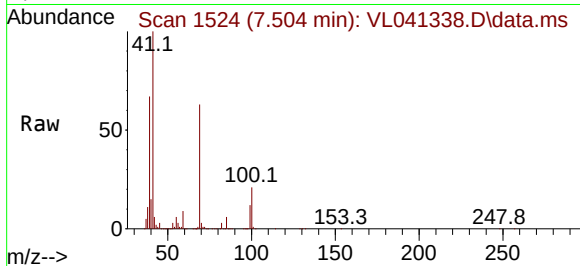




#43
Methyl Methacrylate
Concen: 10.781 ppbv
RT: 7.504 min Scan# 1516
Delta R.T. 0.026 min
Lab File: VL041338.D
Acq: 6 Jun 2024 8:19

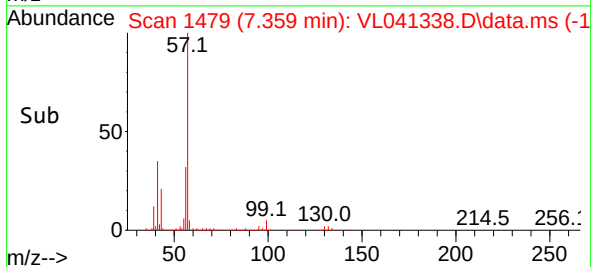
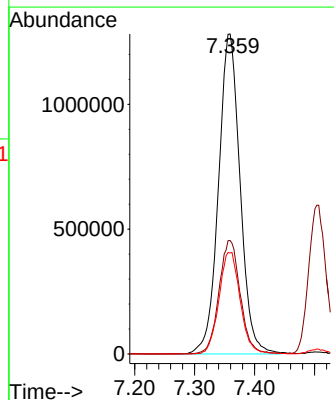
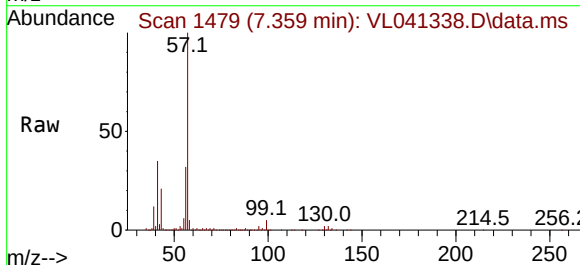
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

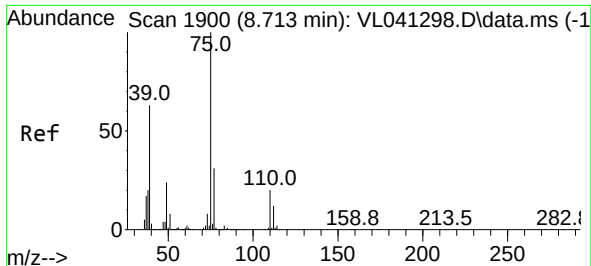
Tgt Ion: 69 Resp: 771602
Ion Ratio Lower Upper
69 100
41 160.0 125.8 188.6
100 32.8 27.0 40.6



#44
2,2,4-Trimethylpentane
Concen: 9.906 ppbv
RT: 7.359 min Scan# 1479
Delta R.T. 0.026 min
Lab File: VL041338.D
Acq: 6 Jun 2024 8:19

Tgt Ion: 57 Resp: 3199976
Ion Ratio Lower Upper
57 100
41 35.0 29.4 44.2
56 31.3 25.0 37.4

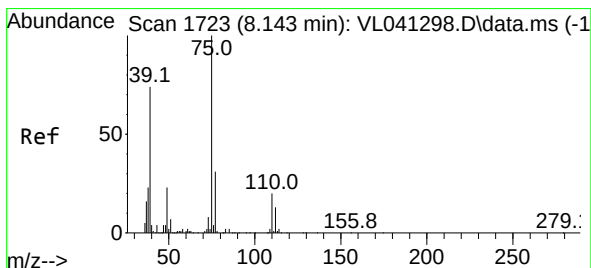
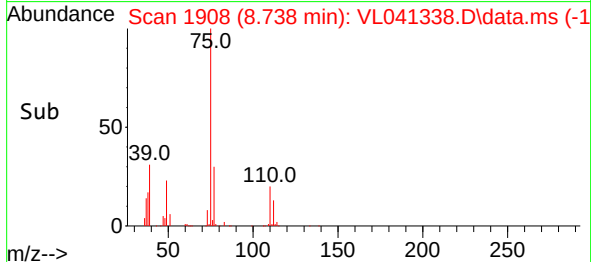
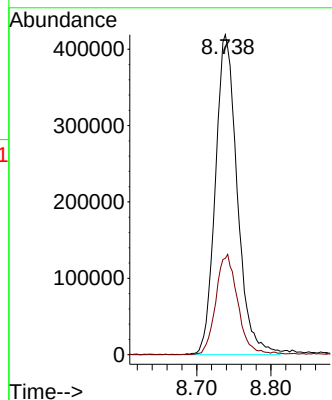
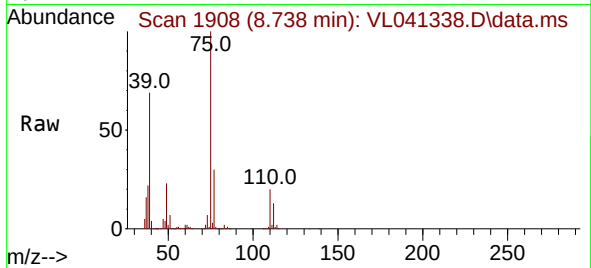




#45
 t-1,3-Dichloropropene
 Concen: 17.756 ppbv
 RT: 8.738 min Scan# 1900
 Delta R.T. 0.026 min
 Lab File: VL041338.D
 Acq: 6 Jun 2024 8:19

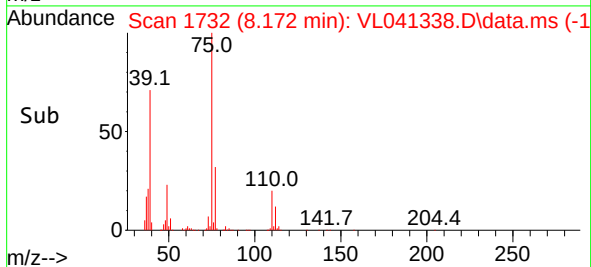
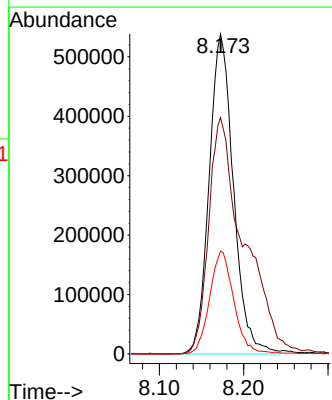
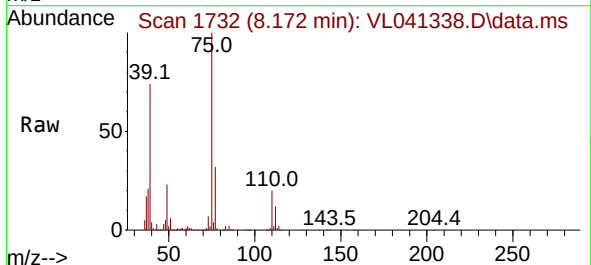
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

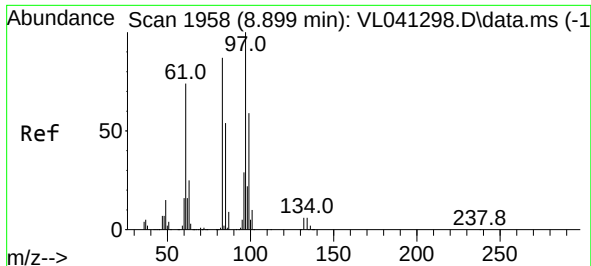
Tgt Ion: 75 Resp: 857517
 Ion Ratio Lower Upper
 75 100
 77 30.1 24.7 37.1



#46
 cis-1,3-Dichloropropene
 Concen: 17.324 ppbv
 RT: 8.172 min Scan# 1732
 Delta R.T. 0.029 min
 Lab File: VL041338.D
 Acq: 6 Jun 2024 8:19

Tgt Ion: 75 Resp: 1076936
 Ion Ratio Lower Upper
 75 100
 39 73.8 59.2 88.8
 77 32.2 25.0 37.6



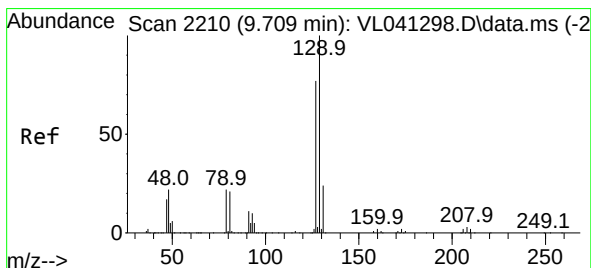
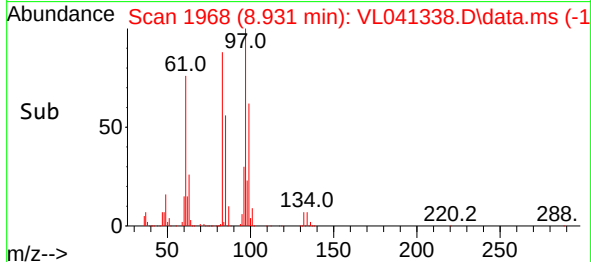
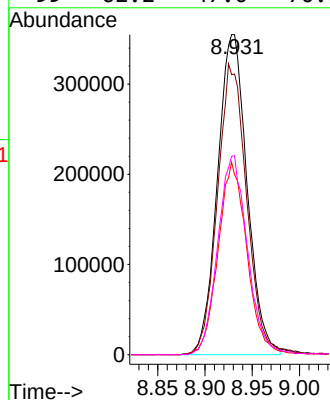
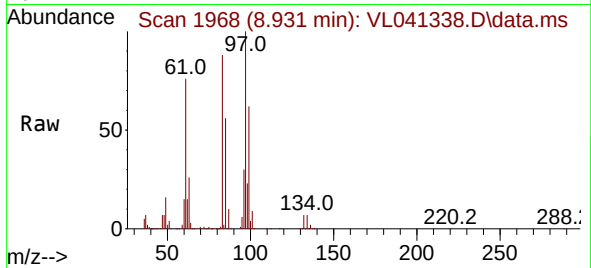


#47
1,1,2-Trichloroethane
Concen: 9.878 ppbv
RT: 8.931 min Scan# 1958
Delta R.T. 0.032 min
Lab File: VL041338.D
Acq: 6 Jun 2024 8:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 97 Resp: 772063

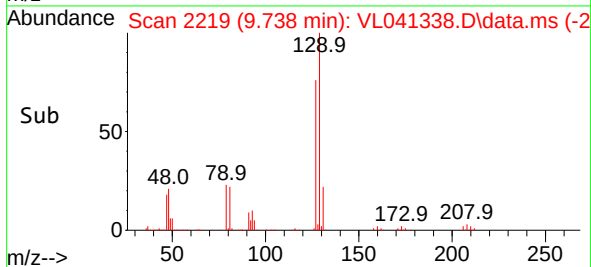
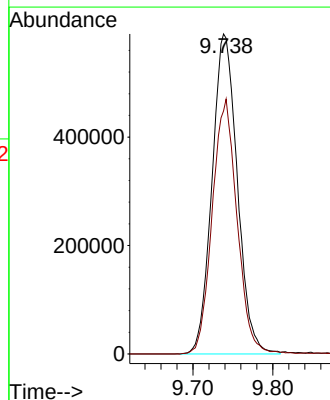
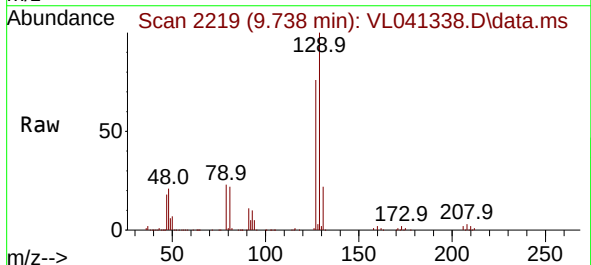
Ion	Ratio	Lower	Upper
97	100		
83	87.7	69.7	104.5
85	56.3	43.1	64.7
99	62.2	47.0	70.6

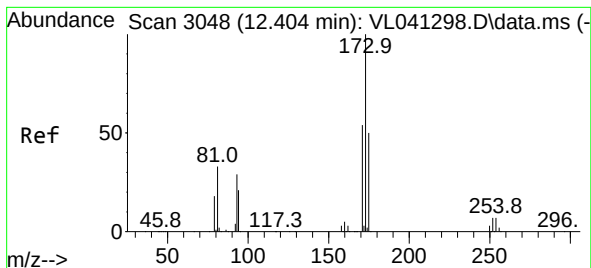


#48
Dibromochloromethane
Concen: 10.051 ppbv
RT: 9.738 min Scan# 2219
Delta R.T. 0.029 min
Lab File: VL041338.D
Acq: 6 Jun 2024 8:19

Tgt Ion: 129 Resp: 1294680

Ion	Ratio	Lower	Upper
129	100		
127	78.2	39.1	117.5





#49

Bromoform

Concen: 10.364 ppbv

RT: 12.436 min Scan# 3048

Delta R.T. 0.032 min

Lab File: VL041338.D

Acq: 6 Jun 2024 8:19

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

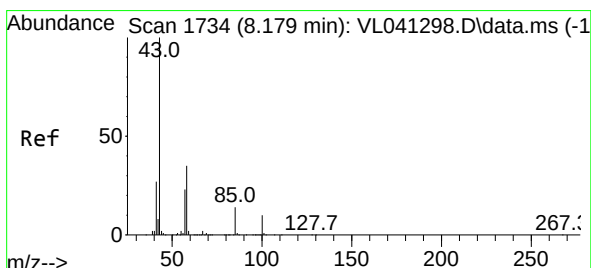
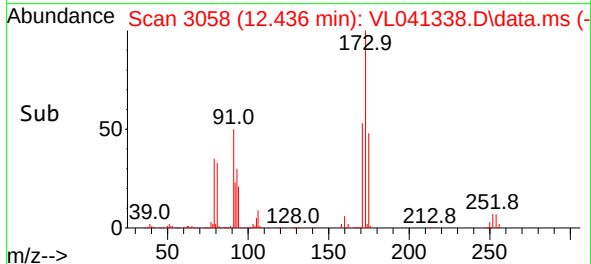
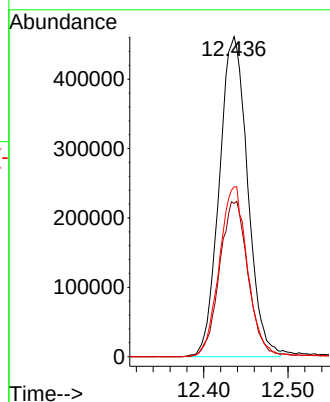
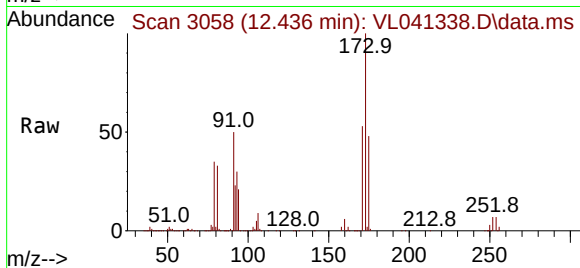
Tgt Ion:173 Resp: 1075793

Ion Ratio Lower Upper

173 100

175 49.6 39.9 59.9

171 53.4 42.6 63.8



#50

4-Methyl-2-Pentanone

Concen: 11.105 ppbv

RT: 8.211 min Scan# 1744

Delta R.T. 0.032 min

Lab File: VL041338.D

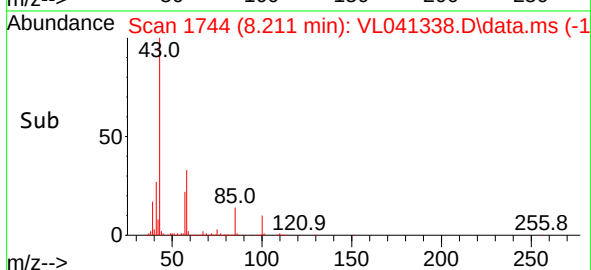
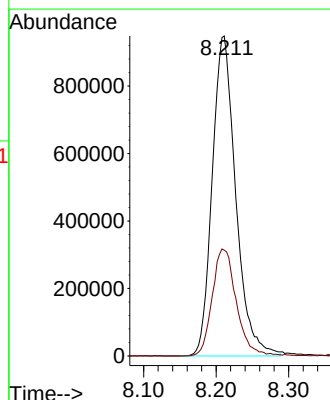
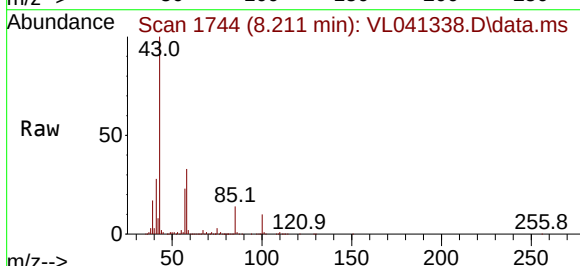
Acq: 6 Jun 2024 8:19

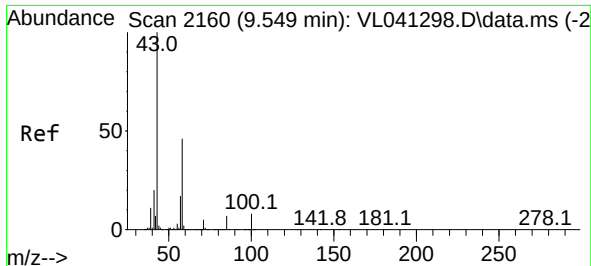
Tgt Ion: 43 Resp: 2134208

Ion Ratio Lower Upper

43 100

58 34.5 27.7 41.5

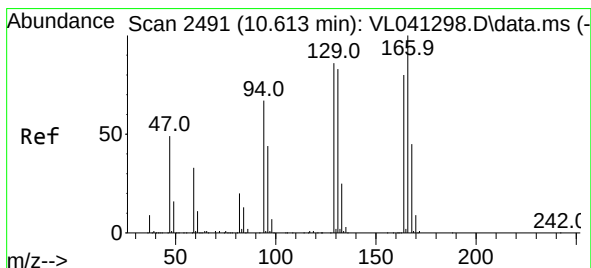
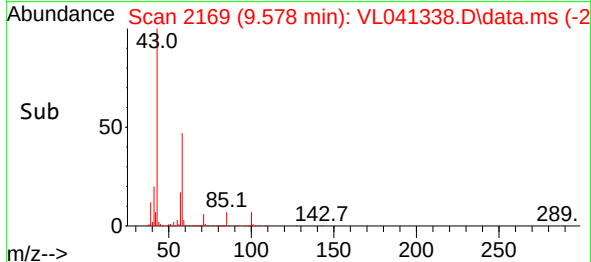
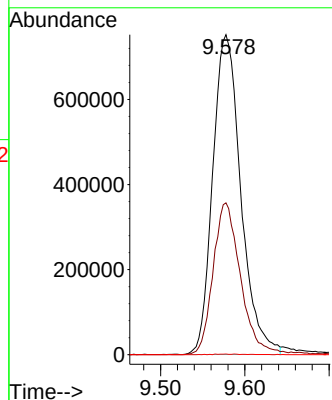
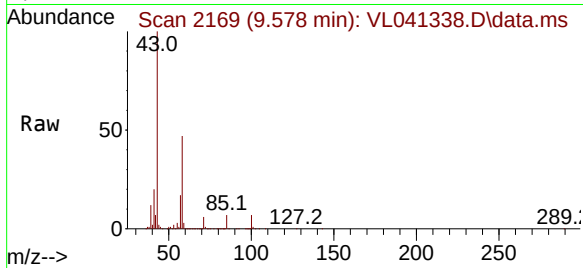




#51
2-Hexanone
Concen: 12.735 ppbv
RT: 9.578 min Scan# 2160
Delta R.T. 0.029 min
Lab File: VL041338.D
Acq: 6 Jun 2024 8:19

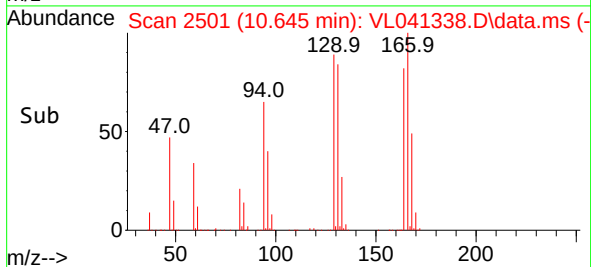
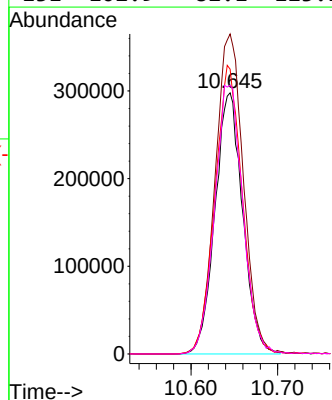
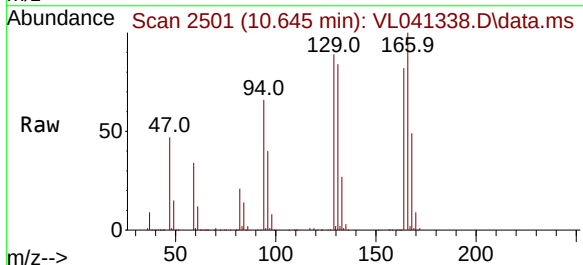
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

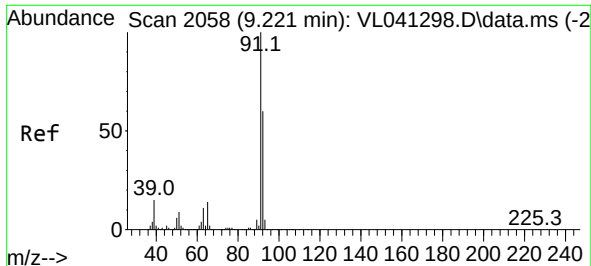
Tgt Ion: 43 Resp: 1739614
Ion Ratio Lower Upper
43 100
58 47.0 37.4 56.0
98 0.2 0.2 0.4#



#52
Tetrachloroethene
Concen: 9.618 ppbv
RT: 10.645 min Scan# 2501
Delta R.T. 0.032 min
Lab File: VL041338.D
Acq: 6 Jun 2024 8:19

Tgt Ion: 164 Resp: 658856
Ion Ratio Lower Upper
164 100
166 122.4 99.4 149.0
129 108.9 85.4 128.2
131 102.9 82.1 123.1

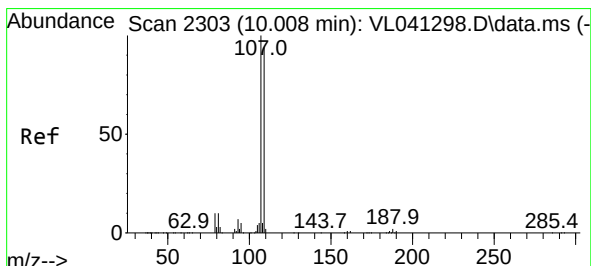
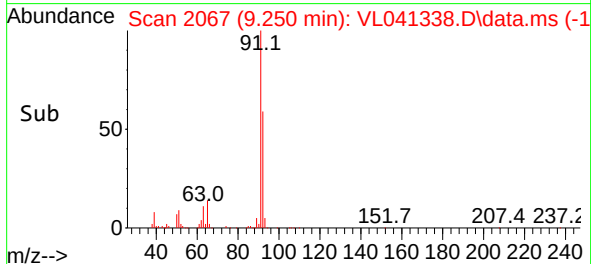
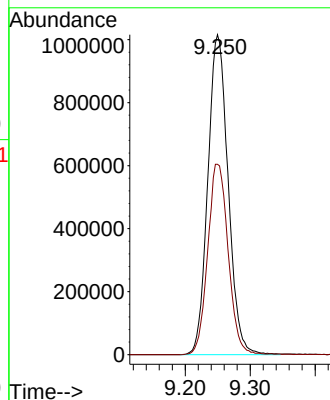
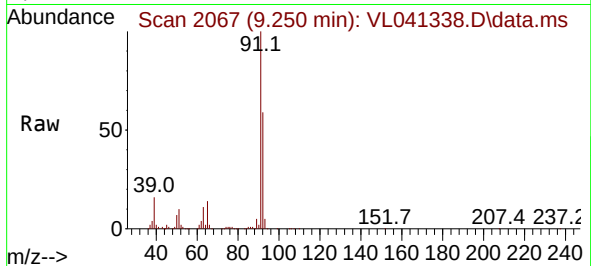




#53
Toluene
Concen: 10.195 ppbv
RT: 9.250 min Scan# 2058
Delta R.T. 0.029 min
Lab File: VL041338.D
Acq: 6 Jun 2024 8:19

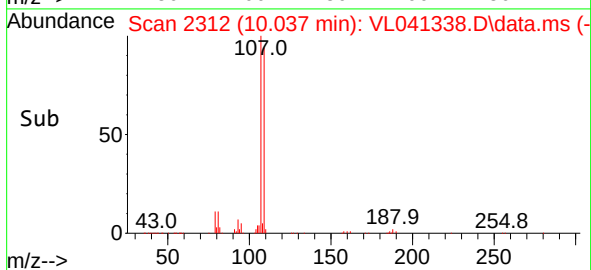
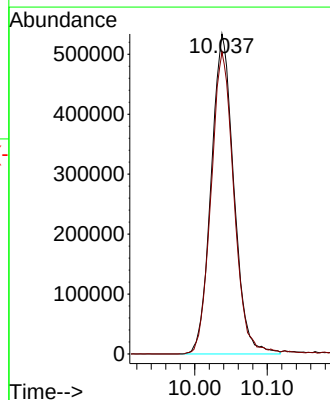
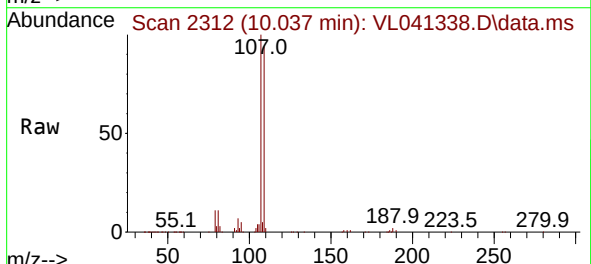
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

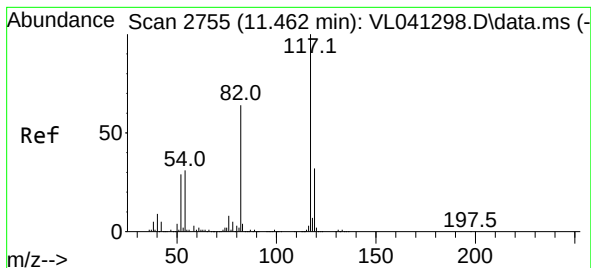
Tgt Ion: 91 Resp: 2202745
Ion Ratio Lower Upper
91 100
92 60.3 49.2 73.8



#54
1,2-Dibromoethane
Concen: 11.367 ppbv
RT: 10.037 min Scan# 2312
Delta R.T. 0.029 min
Lab File: VL041338.D
Acq: 6 Jun 2024 8:19

Tgt Ion: 107 Resp: 1158260
Ion Ratio Lower Upper
107 100
109 94.2 75.0 112.6

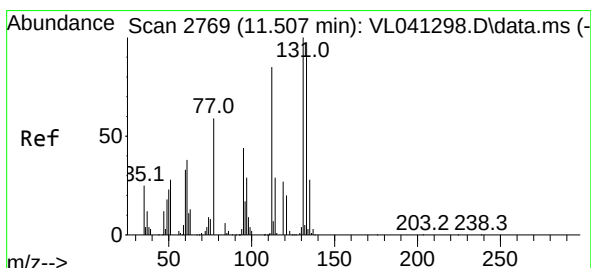
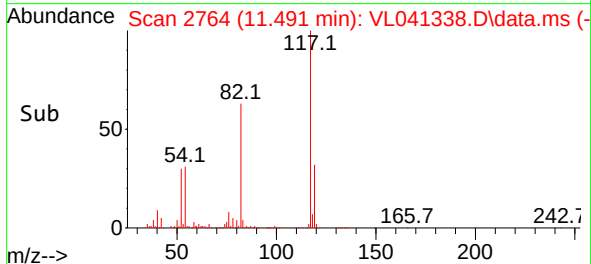
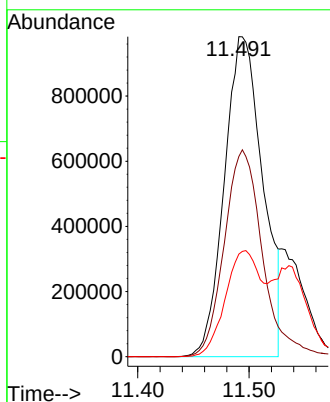
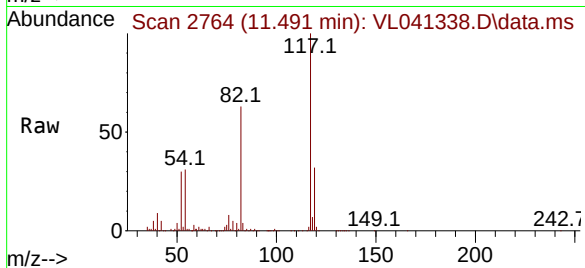




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.491 min Scan# 2755
Delta R.T. 0.029 min
Lab File: VL041338.D
Acq: 6 Jun 2024 8:19

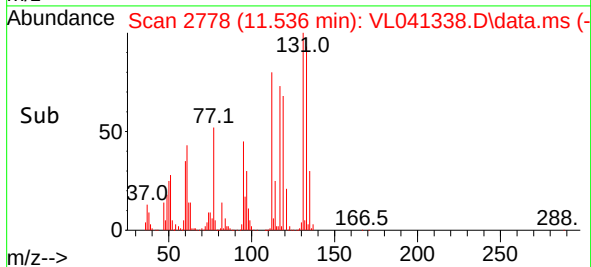
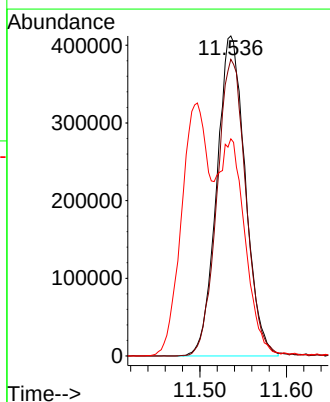
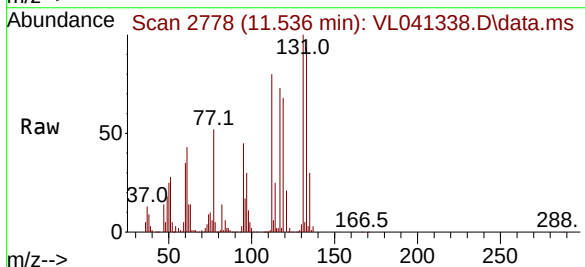
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

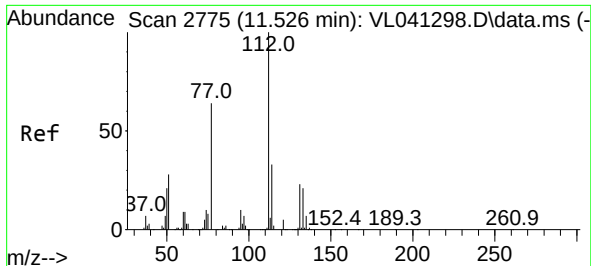
Tgt Ion:117 Resp: 2350058
Ion Ratio Lower Upper
117 100
82 65.0 52.3 78.5
119 31.6 26.2 39.2



#56
1,1,1,2-Tetrachloroethane
Concen: 9.478 ppbv
RT: 11.536 min Scan# 2778
Delta R.T. 0.029 min
Lab File: VL041338.D
Acq: 6 Jun 2024 8:19

Tgt Ion:131 Resp: 942114
Ion Ratio Lower Upper
131 100
133 94.7 75.8 113.6
119 63.3 48.3 72.5

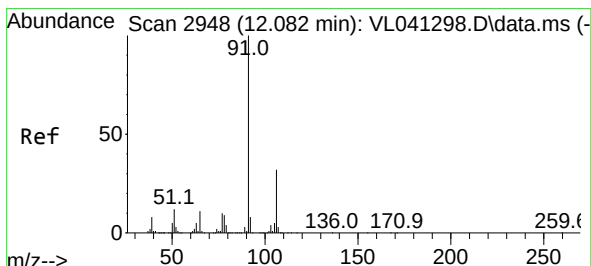
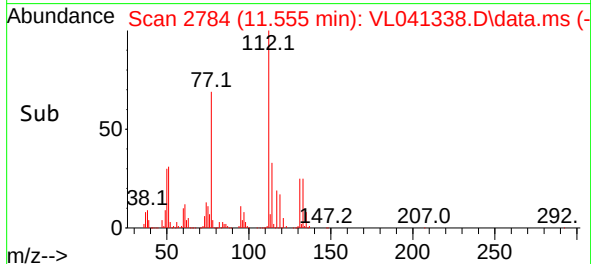
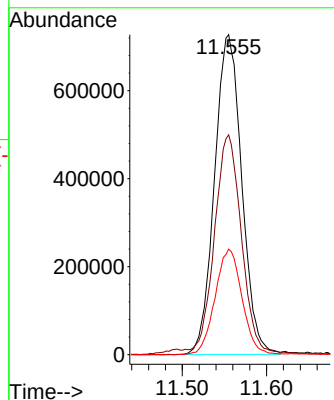
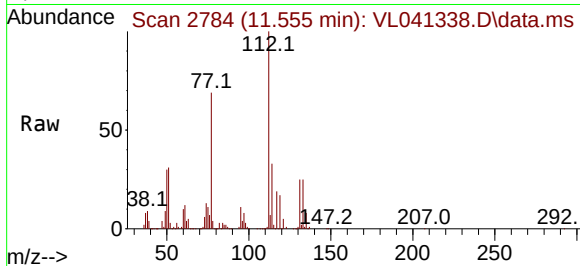




#57
Chlorobenzene
Concen: 9.316 ppbv
RT: 11.555 min Scan# 21
Delta R.T. 0.029 min
Lab File: VL041338.D
Acq: 6 Jun 2024 8:19

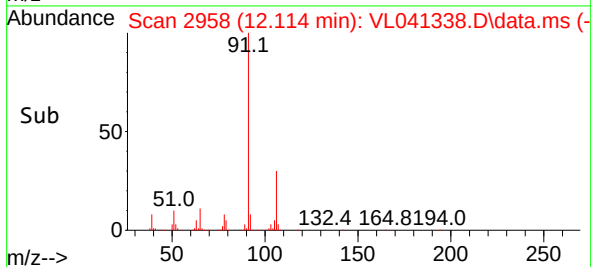
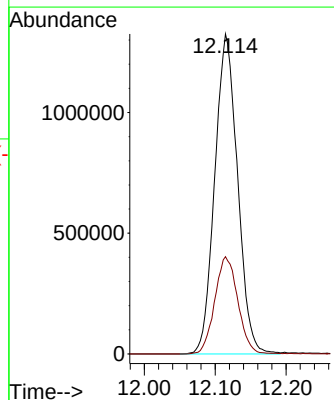
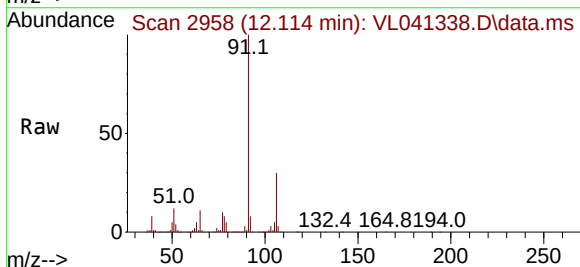
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

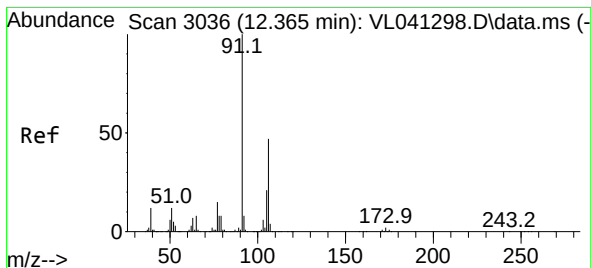
Tgt Ion:112 Resp: 1626330
Ion Ratio Lower Upper
112 100
77 68.3 52.0 78.0
114 33.0 29.8 36.4



#58
Ethyl Benzene
Concen: 9.822 ppbv
RT: 12.114 min Scan# 2958
Delta R.T. 0.032 min
Lab File: VL041338.D
Acq: 6 Jun 2024 8:19

Tgt Ion: 91 Resp: 2958811
Ion Ratio Lower Upper
91 100
106 30.4 25.5 38.3

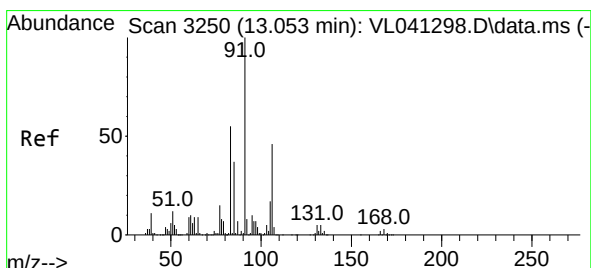
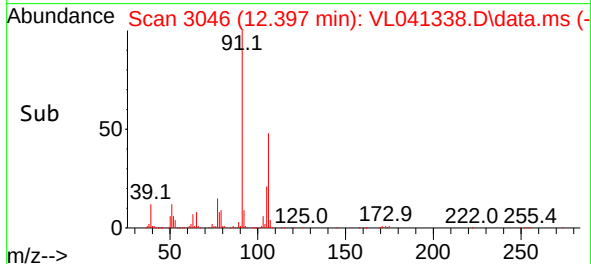
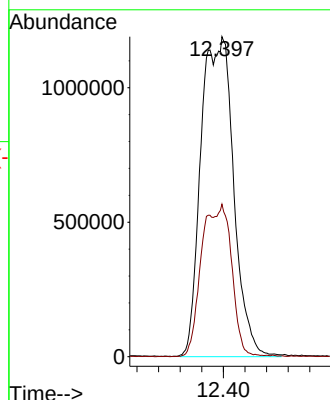
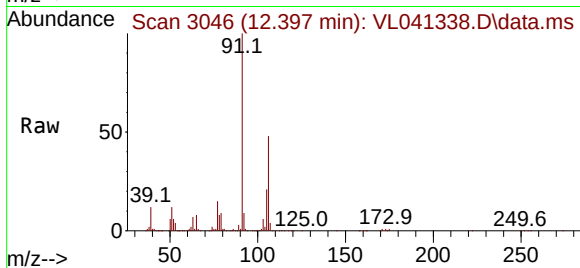




#59
m/p-Xylene
Concen: 19.317 ppbv m
RT: 12.397 min Scan# 3036
Delta R.T. 0.032 min
Lab File: VL041338.D
Acq: 6 Jun 2024 8:19

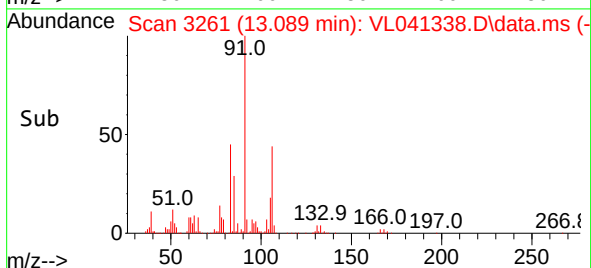
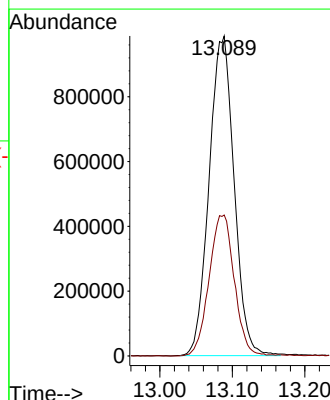
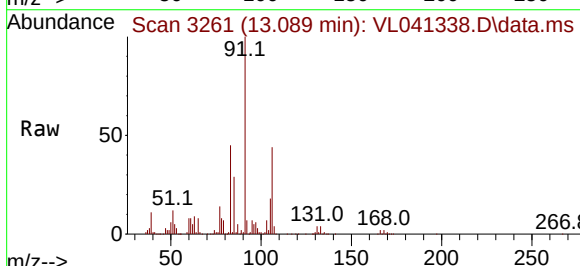
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

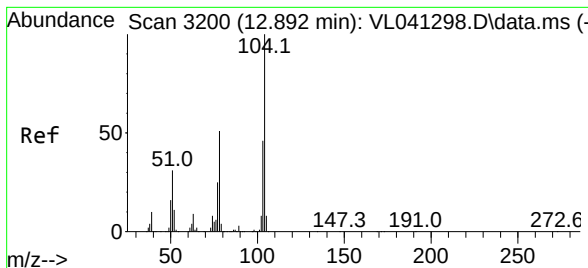
Tgt Ion: 91 Resp: 4985479
Ion Ratio Lower Upper
91 100
106 44.1 35.7 53.5



#60
o-Xylene
Concen: 9.617 ppbv
RT: 13.089 min Scan# 3261
Delta R.T. 0.036 min
Lab File: VL041338.D
Acq: 6 Jun 2024 8:19

Tgt Ion: 91 Resp: 2366180
Ion Ratio Lower Upper
91 100
106 44.8 22.8 68.4





#61

Styrene

Concen: 10.631 ppbv

RT: 12.928 min Scan# 31

Delta R.T. 0.035 min

Lab File: VL041338.D

Acq: 6 Jun 2024 8:19

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

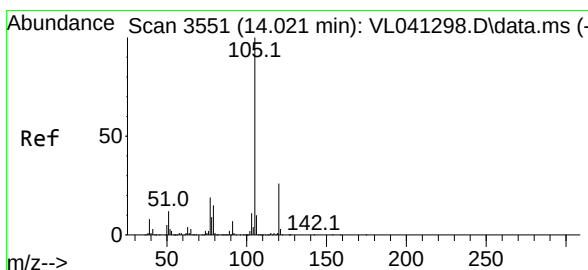
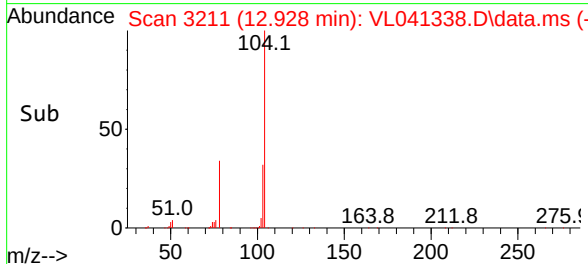
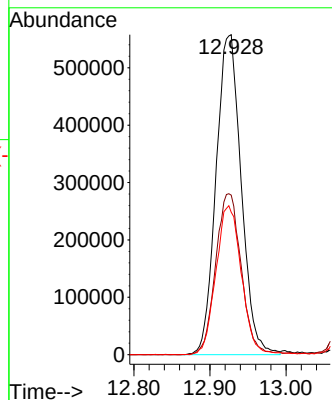
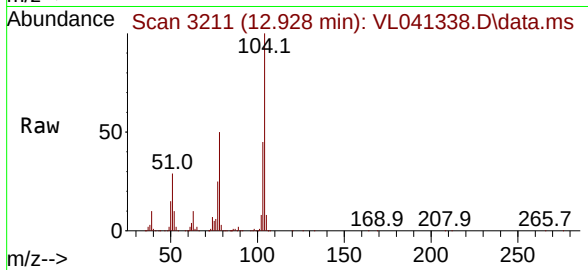
Tgt Ion:104 Resp: 1282377

Ion Ratio Lower Upper

104 100

78 51.5 42.2 63.4

103 47.4 37.9 56.9



#62

Isopropylbenzene

Concen: 9.309 ppbv

RT: 14.057 min Scan# 3562

Delta R.T. 0.036 min

Lab File: VL041338.D

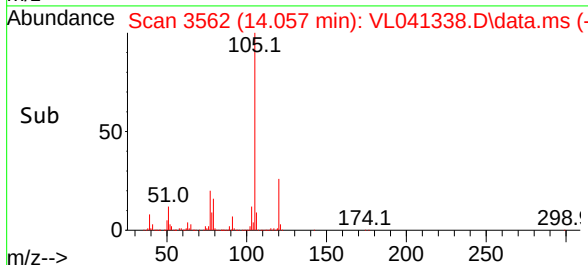
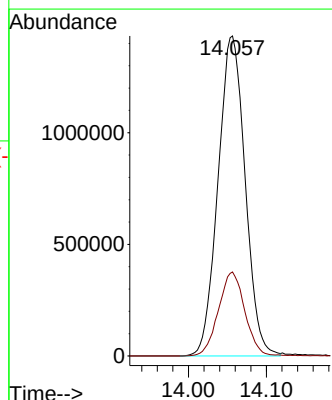
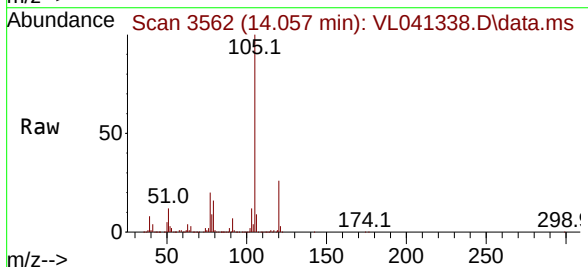
Acq: 6 Jun 2024 8:19

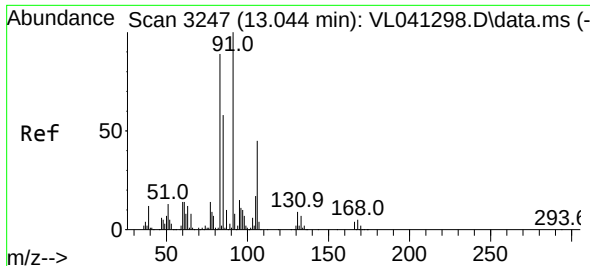
Tgt Ion:105 Resp: 3463877

Ion Ratio Lower Upper

105 100

120 25.7 20.4 30.6

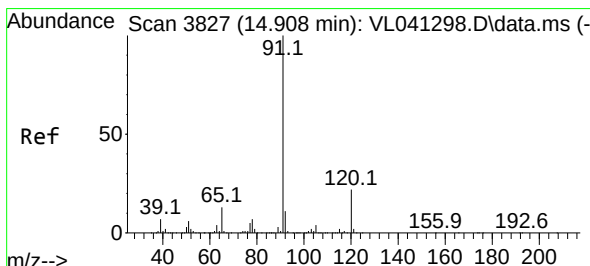
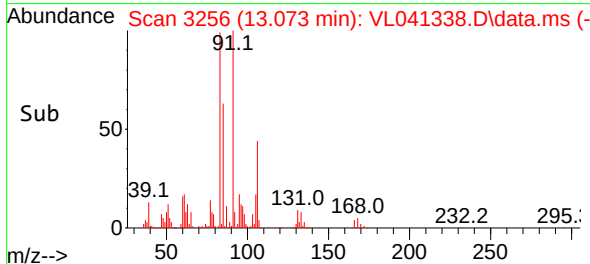
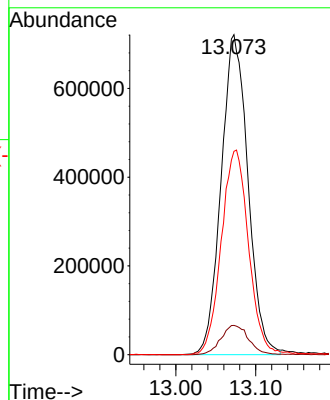
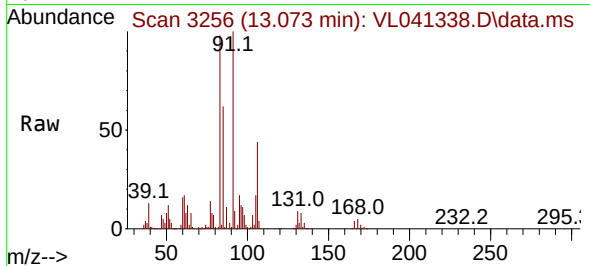




#63
1,1,2,2-Tetrachloroethane
Concen: 9.581 ppbv
RT: 13.073 min Scan# 31
Delta R.T. 0.029 min
Lab File: VL041338.D
Acq: 6 Jun 2024 8:19

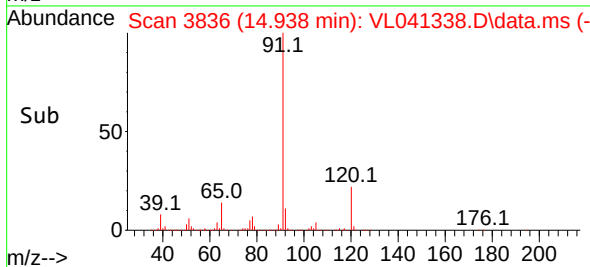
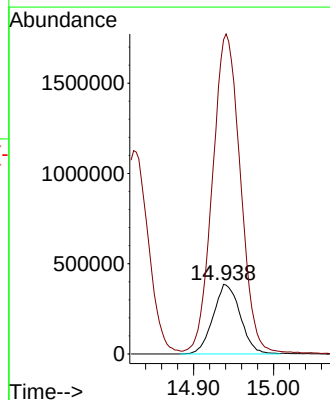
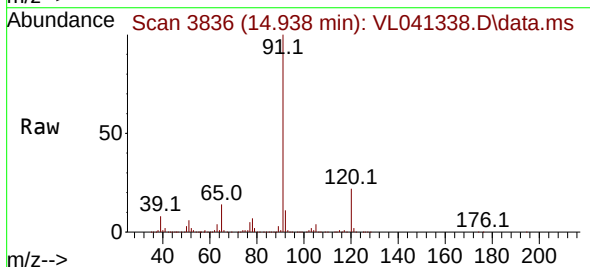
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

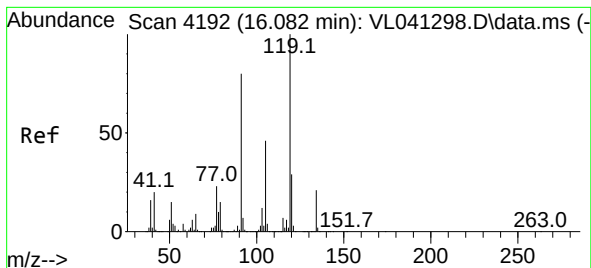
Tgt Ion: 83 Resp: 1677261
Ion Ratio Lower Upper
83 100
131 9.5 4.7 14.1
85 65.8 32.6 97.7



#64
n-propylbenzene
Concen: 9.423 ppbv
RT: 14.938 min Scan# 3836
Delta R.T. 0.030 min
Lab File: VL041338.D
Acq: 6 Jun 2024 8:19

Tgt Ion: 120 Resp: 903740
Ion Ratio Lower Upper
120 100
91 476.9 374.2 561.2





#65

tert-Butylbenzene

Concen: 9.304 ppbv

RT: 16.118 min Scan# 4192

Delta R.T. 0.036 min

Lab File: VL041338.D

Acq: 6 Jun 2024 8:19

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

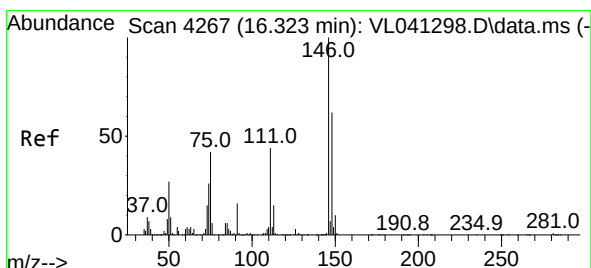
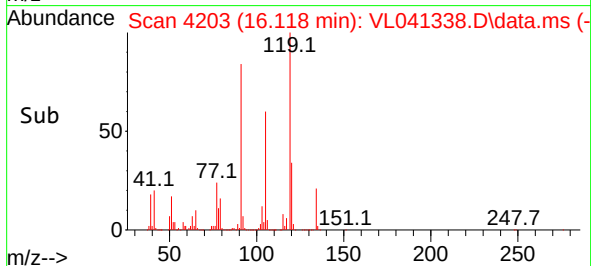
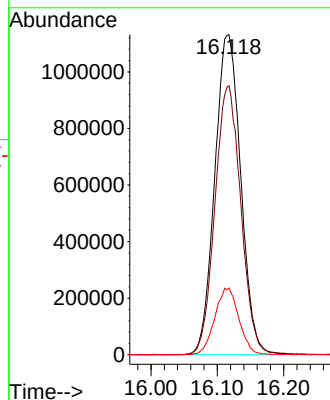
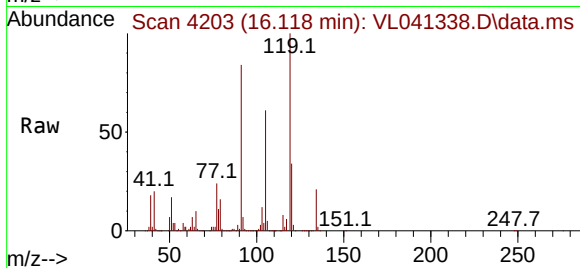
Tgt Ion:119 Resp: 3077701

Ion Ratio Lower Upper

119 100

91 83.9 66.5 99.7

134 19.4 15.7 23.5



#66

Benzyl Chloride

Concen: 19.654 ppbv

RT: 16.352 min Scan# 4276

Delta R.T. 0.029 min

Lab File: VL041338.D

Acq: 6 Jun 2024 8:19

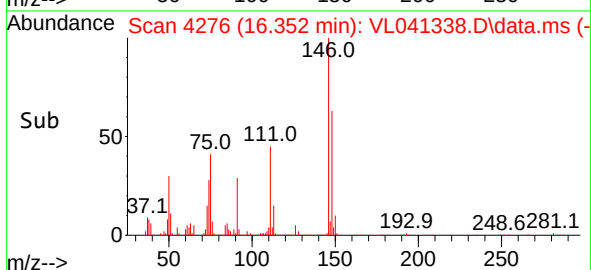
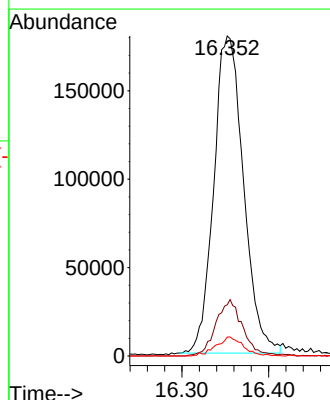
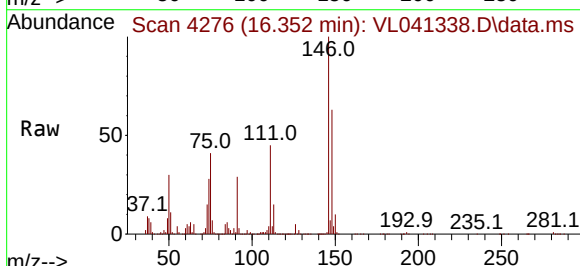
Tgt Ion: 91 Resp: 427784

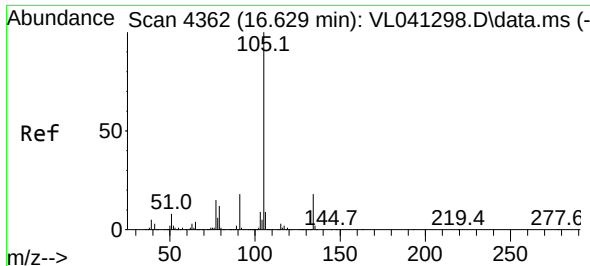
Ion Ratio Lower Upper

91 100

126 16.2 13.4 20.2

128 5.5 4.6 6.8





#67

sec-Butylbenzene

Concen: 9.380 ppbv

RT: 16.661 min Scan# 41

Delta R.T. 0.032 min

Lab File: VL041338.D

Acq: 6 Jun 2024 8:19

Instrument :

MSVOA_1

ClientSampleId :

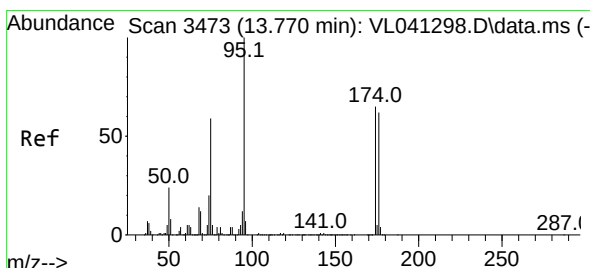
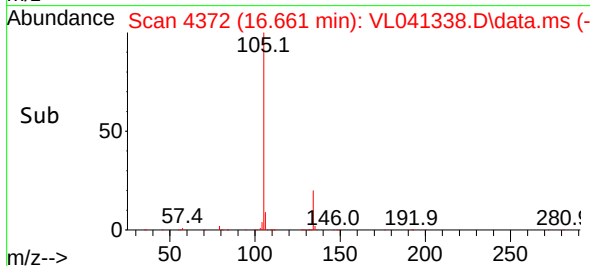
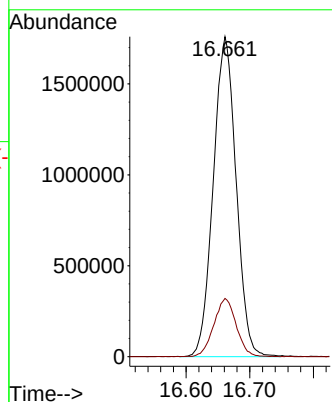
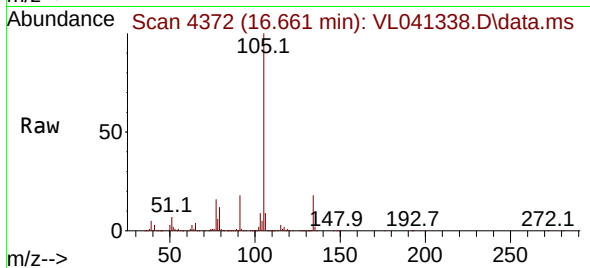
VSTDCCC010EC

Tgt Ion:105 Resp: 4383545

Ion Ratio Lower Upper

105 100

134 17.8 14.3 21.5



#68

1-Bromo-4-Fluorobenzene

Concen: 10.134 ppbv

RT: 13.803 min Scan# 3483

Delta R.T. 0.032 min

Lab File: VL041338.D

Acq: 6 Jun 2024 8:19

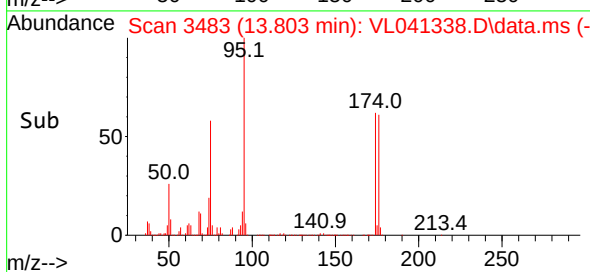
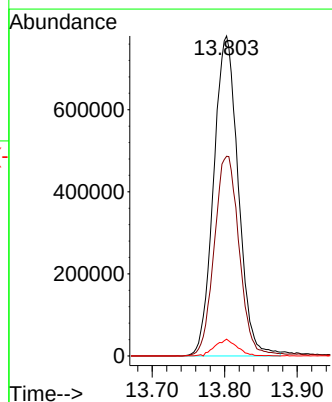
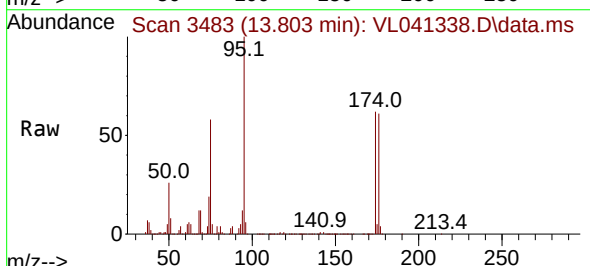
Tgt Ion: 95 Resp: 1838815

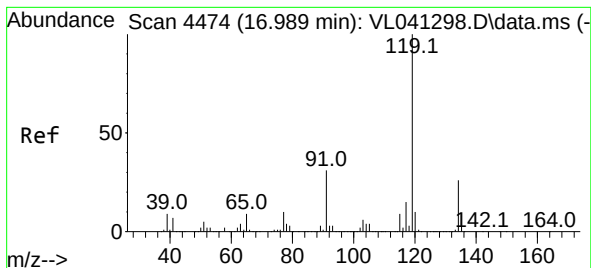
Ion Ratio Lower Upper

95 100

174 64.2 52.2 78.2

175 4.8 4.1 6.1





#69

p-Isopropyltoluene

Concen: 9.525 ppbv

RT: 17.021 min Scan# 4474

Delta R.T. 0.032 min

Lab File: VL041338.D

Acq: 6 Jun 2024 8:19

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

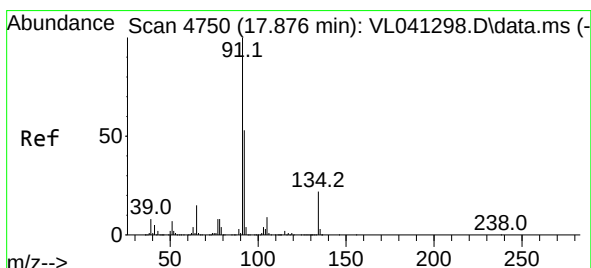
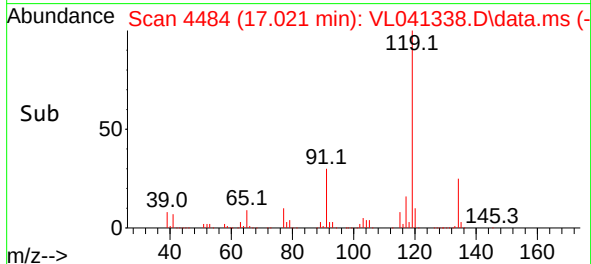
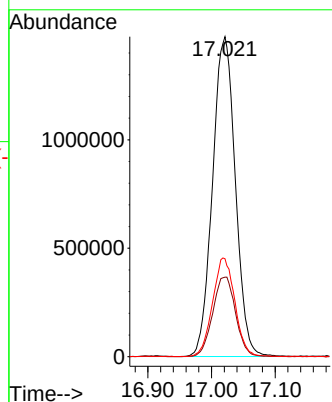
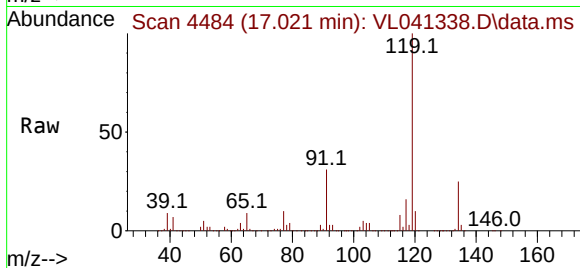
Tgt Ion:119 Resp: 3668572

Ion Ratio Lower Upper

119 100

134 25.1 20.1 30.1

91 30.0 24.1 36.1



#70

n-Butylbenzene

Concen: 9.697 ppbv

RT: 17.912 min Scan# 4761

Delta R.T. 0.035 min

Lab File: VL041338.D

Acq: 6 Jun 2024 8:19

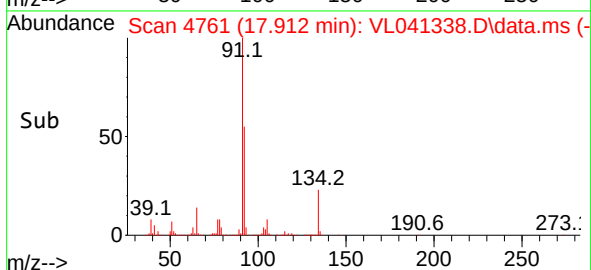
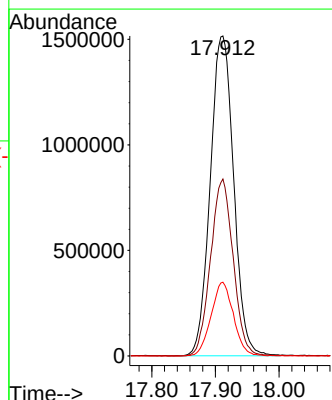
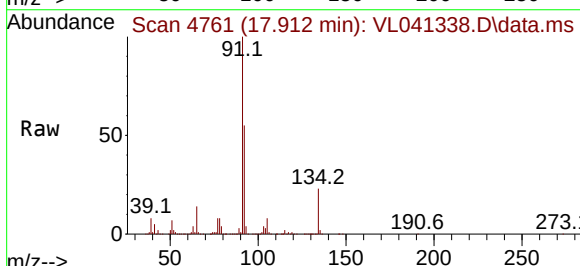
Tgt Ion: 91 Resp: 3874819

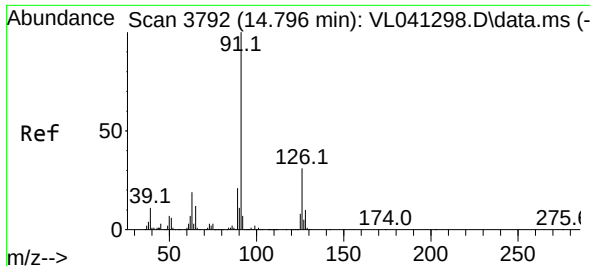
Ion Ratio Lower Upper

91 100

92 53.6 42.9 64.3

134 22.1 17.9 26.9

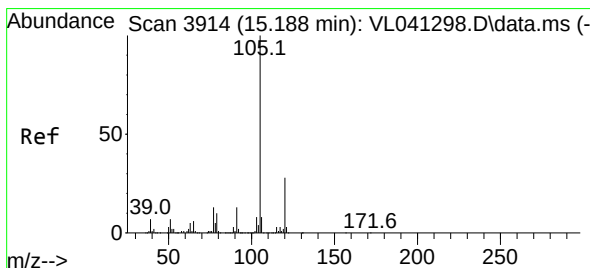
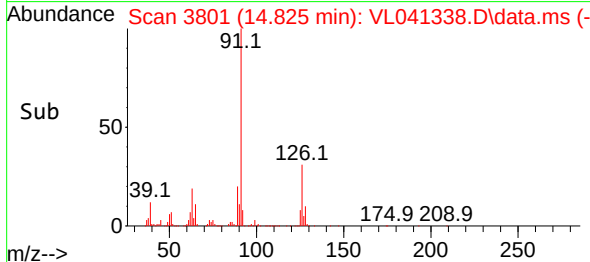
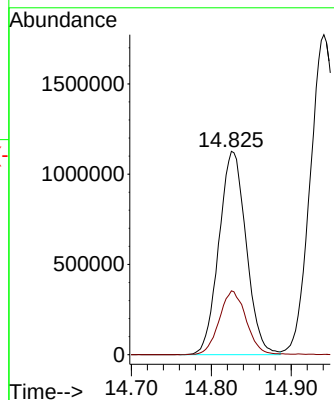
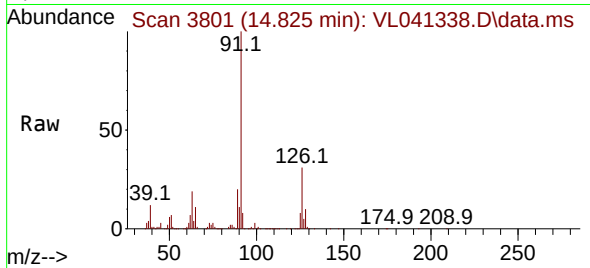




#71
2-Chlorotoluene
Concen: 9.349 ppbv
RT: 14.825 min Scan# 3801
Delta R.T. 0.029 min
Lab File: VL041338.D
Acq: 6 Jun 2024 8:19

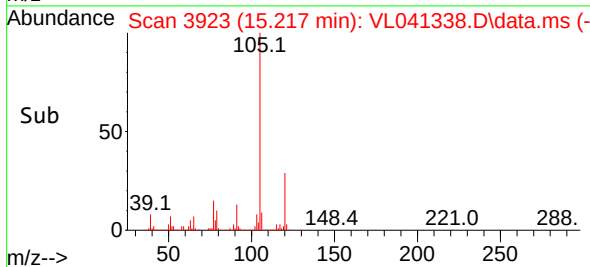
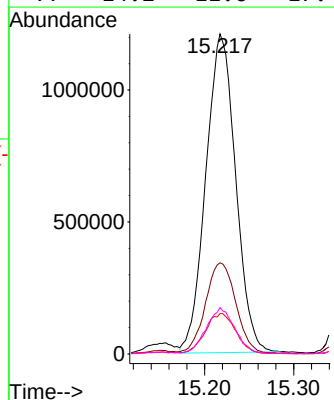
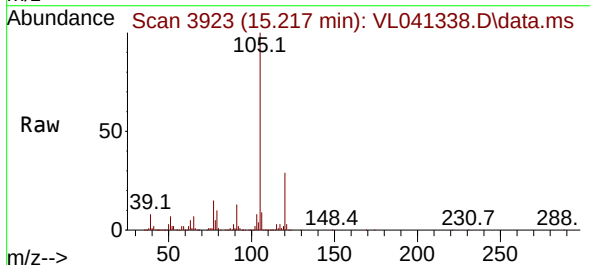
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

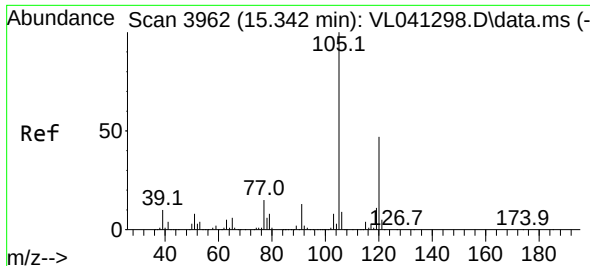
Tgt Ion: 91 Resp: 2662592
Ion Ratio Lower Upper
91 100
126 31.3 12.4 49.8



#72
4-Ethyltoluene
Concen: 9.793 ppbv
RT: 15.217 min Scan# 3923
Delta R.T. 0.029 min
Lab File: VL041338.D
Acq: 6 Jun 2024 8:19

Tgt Ion:105 Resp: 2807241
Ion Ratio Lower Upper
105 100
120 29.1 23.7 35.5
91 13.0 10.6 16.0
77 14.2 11.6 17.4

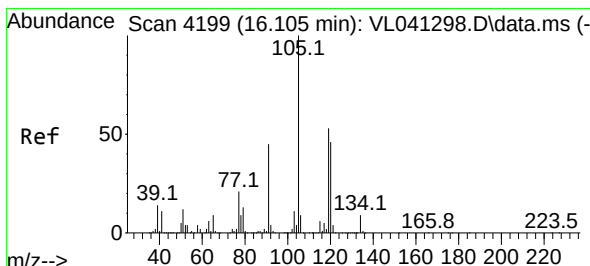
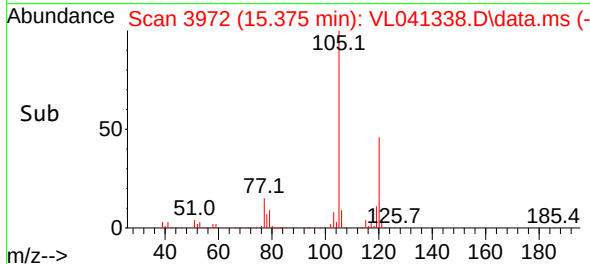
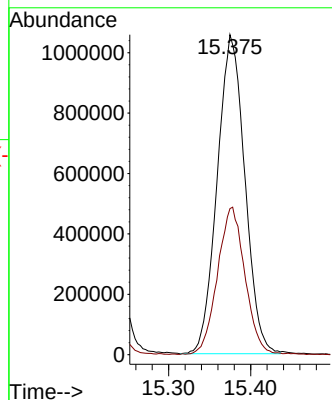
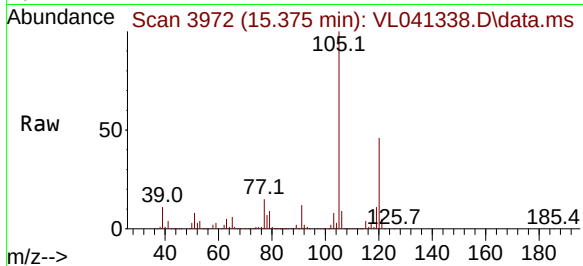




#73
1,3,5-Trimethylbenzene
Concen: 9.943 ppbv
RT: 15.375 min Scan# 3962
Delta R.T. 0.032 min
Lab File: VL041338.D
Acq: 6 Jun 2024 8:19

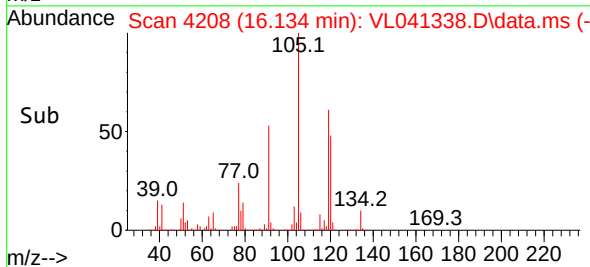
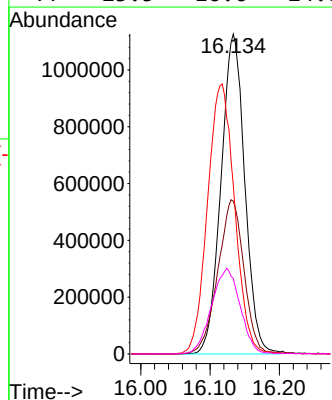
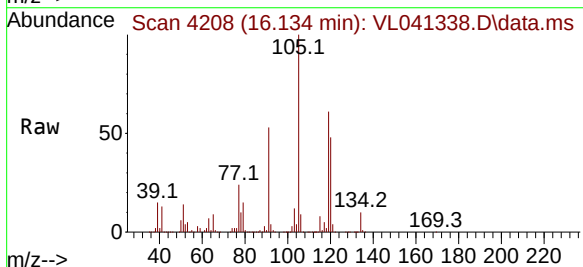
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010EC

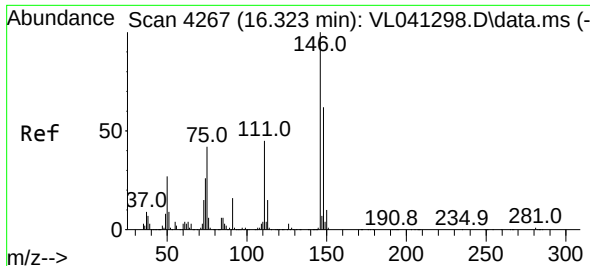
Tgt Ion:105 Resp: 2473804
Ion Ratio Lower Upper
105 100
120 45.7 37.8 56.8



#74
1,2,4-Trimethylbenzene
Concen: 9.536 ppbv
RT: 16.134 min Scan# 4208
Delta R.T. 0.029 min
Lab File: VL041338.D
Acq: 6 Jun 2024 8:19

Tgt Ion:105 Resp: 2682917
Ion Ratio Lower Upper
105 100
120 47.7 37.0 55.6
91 52.4 36.2 54.4
77 23.5 16.6 24.8

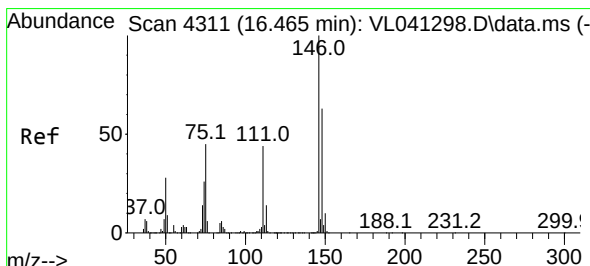
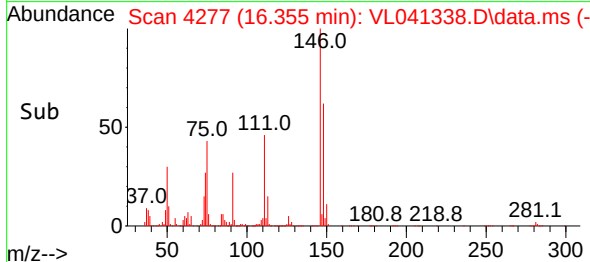
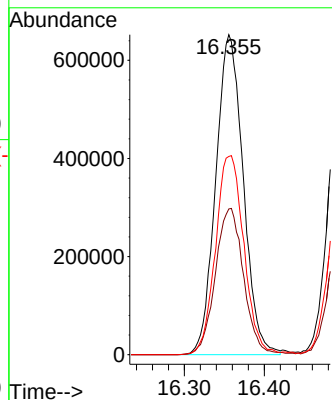
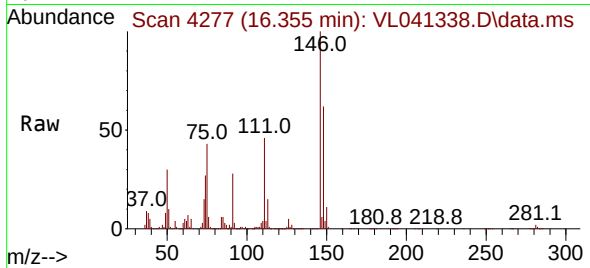




#75
1,3-Dichlorobenzene
Concen: 9.426 ppbv
RT: 16.355 min Scan# 41
Delta R.T. 0.032 min
Lab File: VL041338.D
Acq: 6 Jun 2024 8:19

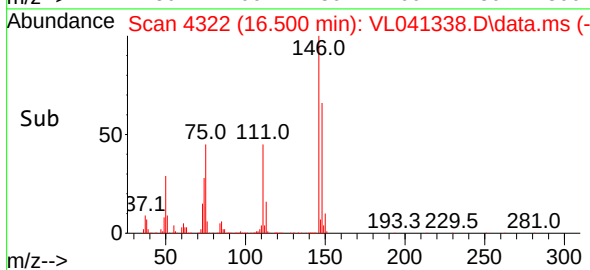
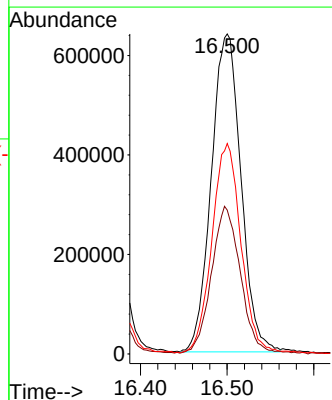
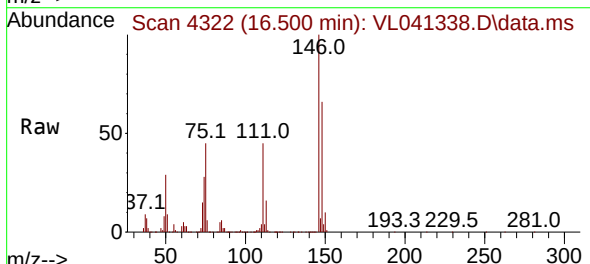
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

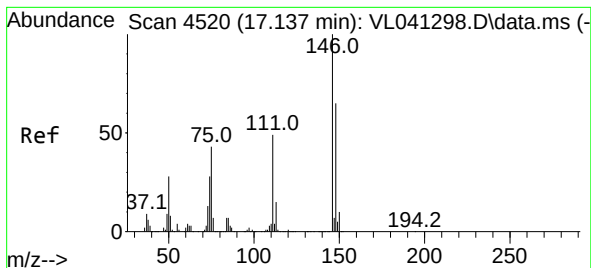
Tgt Ion:146 Resp: 1556874
Ion Ratio Lower Upper
146 100
111 47.0 23.3 69.8
148 64.5 32.2 96.6



#76
1,4-Dichlorobenzene
Concen: 9.216 ppbv
RT: 16.500 min Scan# 4322
Delta R.T. 0.036 min
Lab File: VL041338.D
Acq: 6 Jun 2024 8:19

Tgt Ion:146 Resp: 1521073
Ion Ratio Lower Upper
146 100
111 45.8 23.3 69.9
148 65.9 32.9 98.6





#77

1,2-Dichlorobenzene

Concen: 9.285 ppbv

RT: 17.166 min Scan# 41

Delta R.T. 0.029 min

Lab File: VL041338.D

Acq: 6 Jun 2024 8:19

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

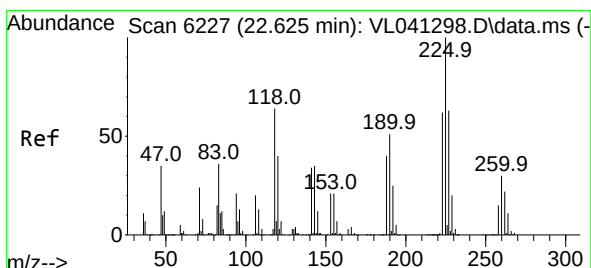
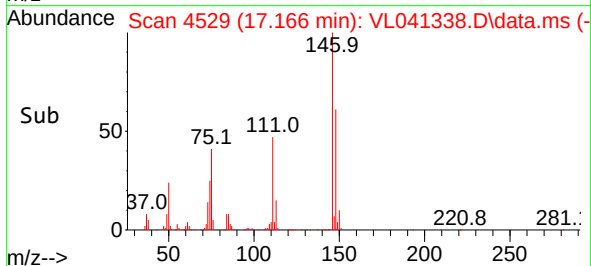
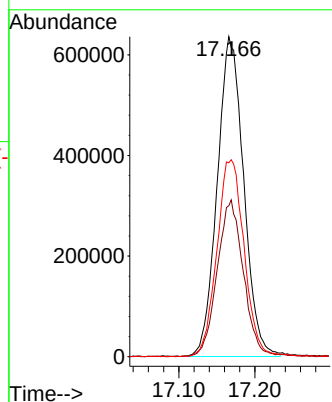
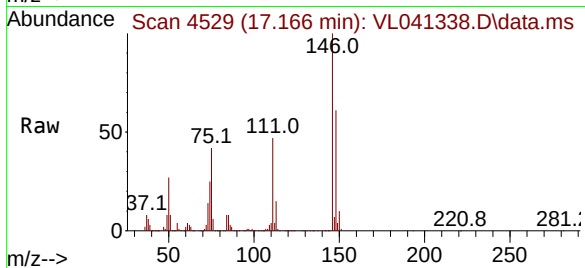
Tgt Ion:146 Resp: 1535166

Ion Ratio Lower Upper

146 100

111 48.8 24.3 72.9

148 64.0 32.0 96.0



#78

Hexachloro-1,3-Butadiene

Concen: 8.075 ppbv

RT: 22.661 min Scan# 6238

Delta R.T. 0.036 min

Lab File: VL041338.D

Acq: 6 Jun 2024 8:19

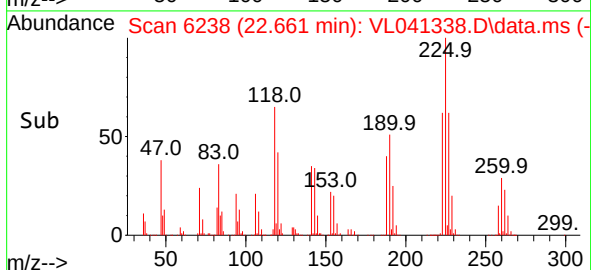
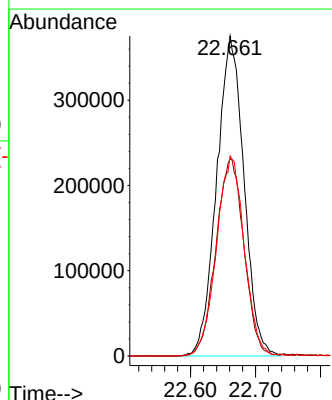
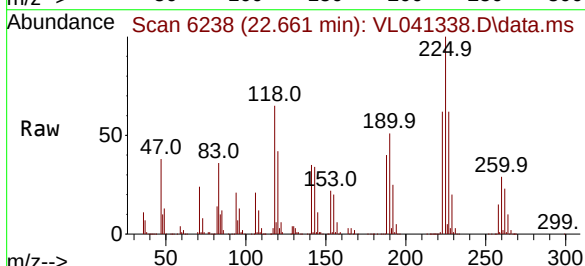
Tgt Ion:225 Resp: 1094143

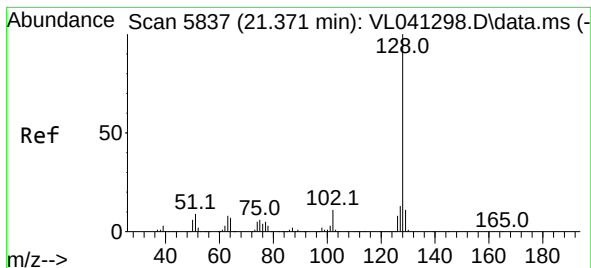
Ion Ratio Lower Upper

225 100

223 63.3 51.0 76.6

227 64.1 51.1 76.7





#79

Naphthalene

Concen: 11.293 ppbv

RT: 21.410 min Scan# 5849

Delta R.T. 0.039 min

Lab File: VL041338.D

Acq: 6 Jun 2024 8:19

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

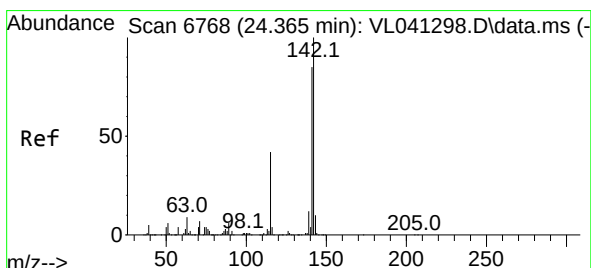
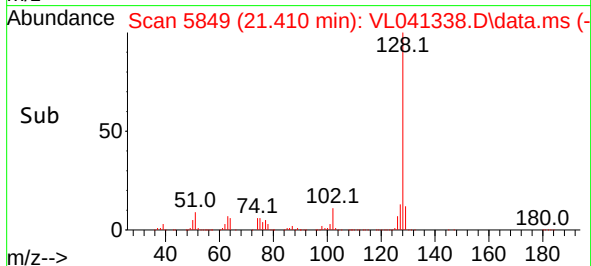
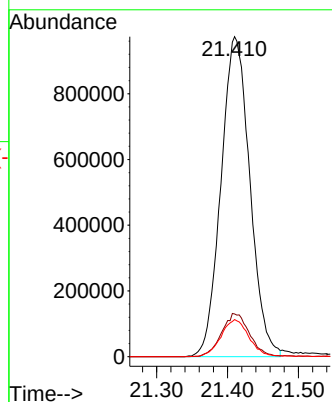
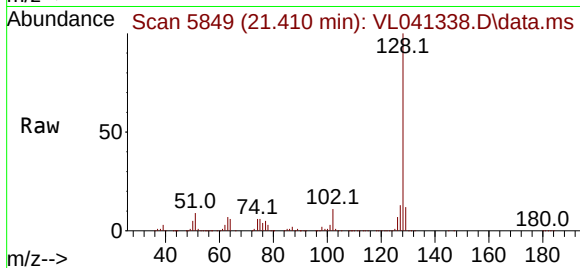
Tgt Ion:128 Resp: 2756994

Ion Ratio Lower Upper

128 100

127 13.4 10.5 15.7

129 11.6 9.1 13.7



#80

Naphthalene,2-methyl-

Concen: 11.873 ppbv

RT: 24.394 min Scan# 6777

Delta R.T. 0.029 min

Lab File: VL041338.D

Acq: 6 Jun 2024 8:19

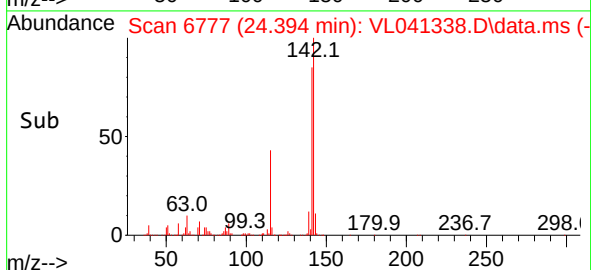
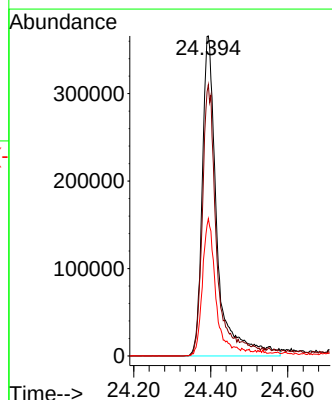
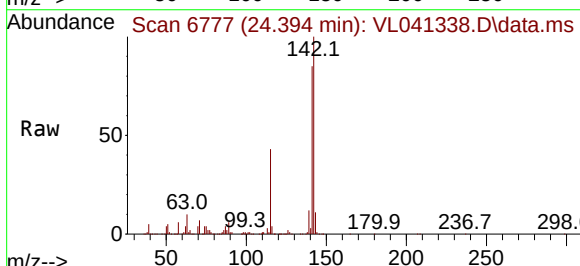
Tgt Ion:142 Resp: 978894

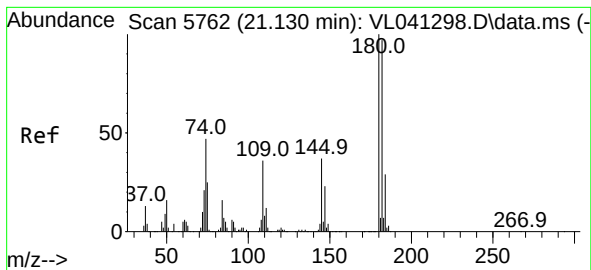
Ion Ratio Lower Upper

142 100

141 86.8 68.5 102.7

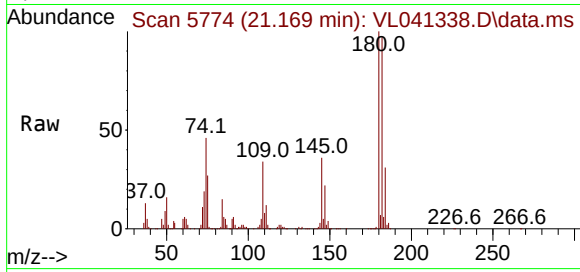
115 41.7 32.6 49.0





#81
 1,2,4-Trichlorobenzene
 Concen: 9.064 ppbv
 RT: 21.169 min Scan# 51
 Delta R.T. 0.039 min
 Lab File: VL041338.D
 Acq: 6 Jun 2024 8:19

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion:180 Resp: 1233956

Ion	Ratio	Lower	Upper
180	100		
182	97.5	77.0	115.6
184	30.6	0.0	0.0#

