

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101123\
 Data File : VL040756.D
 Acq On : 11 Oct 2023 13:18
 Operator : SY/MD
 Sample : VSTDIC001
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Oct 12 00:26:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101123AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Oct 12 00:21:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.211	49	1143635	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.668	114	3150375	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.478	117	2973872	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.786	95	2207296	10.087	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	= 100.900%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.761	85	205373	1.020	ppbv	96
3) Chlorodifluoromethane	2.706	51	174381	1.038	ppbv	99
4) Chloromethane	2.845	50	66654	1.004	ppbv	94
5) Vinyl Chloride	2.951	62	57828	0.843	ppbv #	87
6) Bromomethane	3.147	94	29456	1.038	ppbv	92
7) Chloroethane	3.227	64	20378	0.913	ppbv	91
8) Dichlorotetrafluoroethane	2.886	85	156001	1.022	ppbv	96
9) Propene	2.726	41	65931	1.056	ppbv	100
10) Heptane	7.597	43	160680	1.025	ppbv	100
11) Trichlorofluoromethane	3.587	101	160780	1.034	ppbv	94
12) 1,1,2-Trichlorotrifluo...	4.092	101	109644	0.989	ppbv	95
13) Ethanol	3.285	45	11348	0.805	ppbv	76
14) Bromoethene	3.391	108	47569	1.002	ppbv	93
15) Acetone	3.504	43	122876	1.039	ppbv	93
16) 1,3-Butadiene	3.015	39	55798	0.900	ppbv	84
17) tert-Butyl alcohol	3.912	59	122669	1.012	ppbv	97
18) 1,1-Dichloroethene	3.906	96	49030	0.987	ppbv	89
19) Isopropyl Alcohol	3.616	45	72373	0.951	ppbv #	42
20) Methylene Chloride	3.954	84	23589	0.479	ppbv	92
21) Allyl Chloride	4.025	41	75270	0.965	ppbv	91
22) trans-1,2-Dichloroethene	4.468	96	47329	0.895	ppbv	97
23) Vinyl Acetate	4.648	43	157556	1.046	ppbv #	95
24) 1,1-Dichloroethane	4.587	63	107260	0.944	ppbv	99
25) Ethyl Acetate	5.227	43	257952	0.996	ppbv	99
26) Hexane	5.234	57	123343	1.042	ppbv	97
27) Carbon Disulfide	4.150	76	129582	0.992	ppbv #	88
28) Methyl tert-Butyl Ether	4.619	73	90167	0.979	ppbv #	90
29) Chloroform	5.288	83	175659	1.025	ppbv	98
30) Cyclohexane	6.619	84	102146	1.014	ppbv	95
31) cis-1,2-Dichloroethene	5.099	61	111380	1.021	ppbv	97
32) 1,1,1-Trichloroethane	6.018	97	178059	0.977	ppbv	99
34) 2-Butanone	4.816	43	149172	1.046	ppbv	94
35) Carbon Tetrachloride	6.510	117	177808	1.006	ppbv	91
36) Benzene	6.388	78	249931	1.031	ppbv	94
37) 1,2-Dichloroethane	5.825	62	123400	0.994	ppbv	98
38) Trichloroethene	7.301	130	97693	0.911	ppbv	87
39) 1,2-Dichloropropane	7.089	63	92187	0.974	ppbv	92
40) 1,4-Dioxane	7.324	88	2704	0.075	ppbv #	1
41) Tetrahydrofuran	5.590	42	96485	0.977	ppbv	93
42) Bromodichloromethane	7.266	83	186904	1.005	ppbv #	97
43) Methyl Methacrylate	7.491	69	94226	0.971	ppbv	95
44) 2,2,4-Trimethylpentane	7.346	57	223363	0.545	ppbv #	47
45) t-1,3-Dichloropropene	8.722	75	69471	0.898	ppbv	99

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

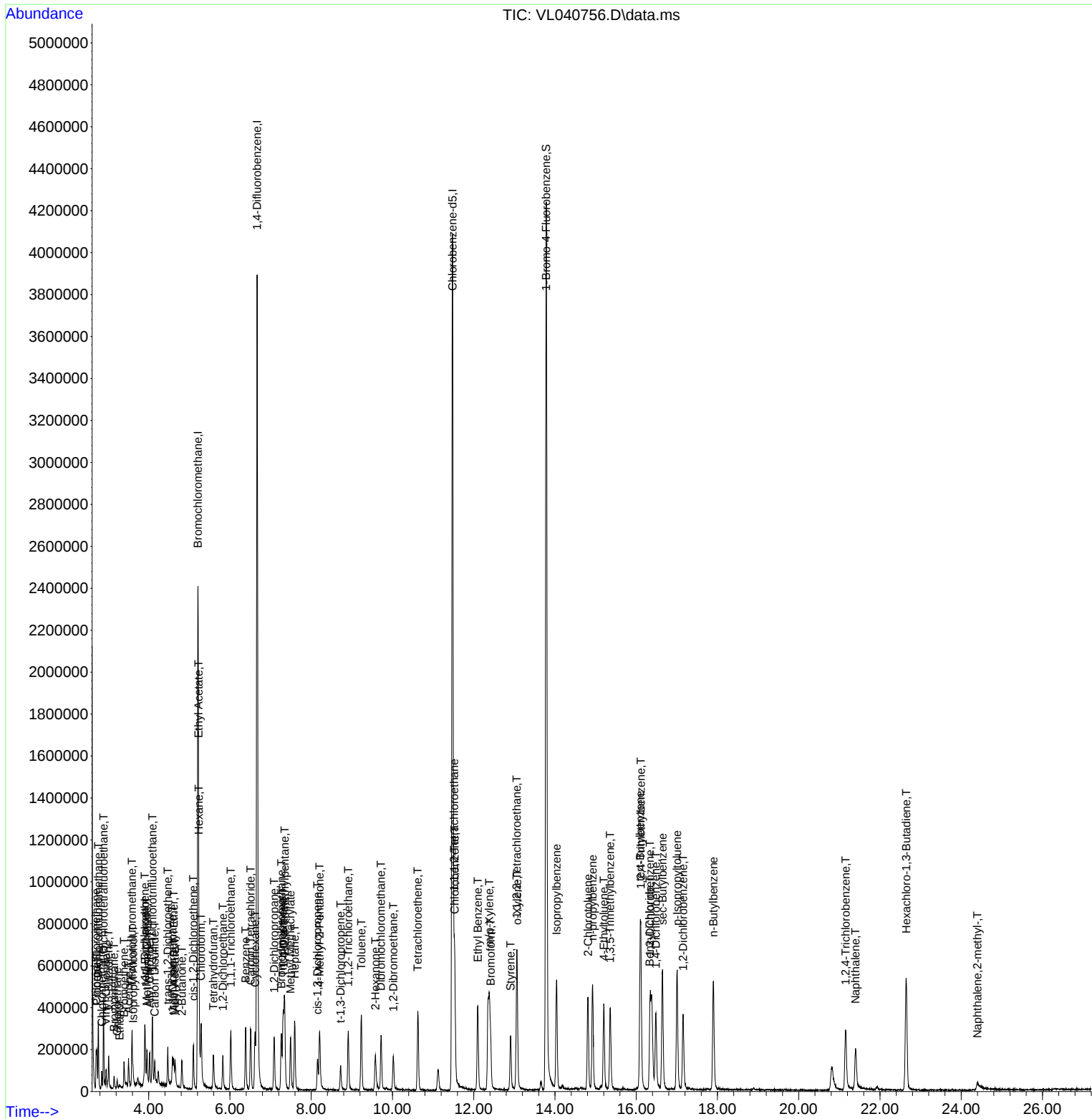
Instrument :
 MSVOA_L
 ClientSampleId :

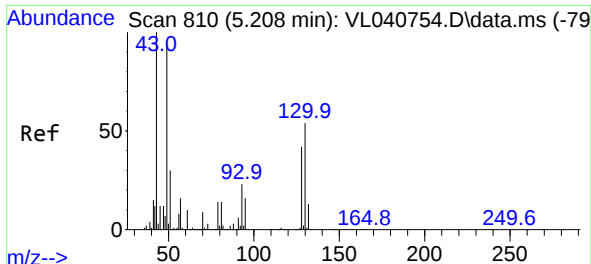
Quant Time: Oct 12 00:26:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101123AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Oct 12 00:21:08 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.153	75	43758	0.463	ppbv	96
47) 1,1,2-Trichloroethane	8.912	97	100228	1.008	ppbv	93
48) Dibromochloromethane	9.719	129	87864	0.527	ppbv #	20
49) Bromoform	12.417	173	129491	0.956	ppbv	98
50) 4-Methyl-2-Pentanone	8.208	43	242955	0.996	ppbv	96
51) 2-Hexanone	9.581	43	182540	0.983	ppbv #	96
52) Tetrachloroethene	10.622	164	97483	0.990	ppbv	86
53) Toluene	9.233	91	298781	1.036	ppbv	98
54) 1,2-Dibromoethane	10.021	107	141038	1.012	ppbv	94
56) 1,1,1,2-Tetrachloroethane	11.519	131	126176	1.040	ppbv #	1
57) Chlorobenzene	11.536	112	223993	1.051	ppbv #	97
58) Ethyl Benzene	12.101	91	223215	0.596	ppbv	94
59) m/p-Xylene	12.384	91	335404	1.088	ppbv #	30
60) o-Xylene	13.072	91	133409	0.454	ppbv #	2
61) Styrene	12.908	104	164955	1.014	ppbv	99
62) Isopropylbenzene	14.040	105	490605	1.086	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.056	83	212188	0.964	ppbv	97
64) n-propylbenzene	14.928	120	129166	1.064	ppbv	88
65) tert-Butylbenzene	16.098	119	451121	1.107	ppbv	99
66) Benzyl Chloride	16.333	91	14581	0.355	ppbv #	60
67) sec-Butylbenzene	16.648	105	614232	1.101	ppbv	98
69) p-Isopropyltoluene	17.008	119	513302	1.098	ppbv	98
70) n-Butylbenzene	17.899	91	489705	1.067	ppbv	99
71) 2-Chlorotoluene	14.815	91	147274	0.434	ppbv #	15
72) 4-Ethyltoluene	15.204	105	357589	1.040	ppbv	97
73) 1,3,5-Trimethylbenzene	15.359	105	322991	1.067	ppbv	99
74) 1,2,4-Trimethylbenzene	16.114	105	361805	1.094	ppbv #	92
75) 1,3-Dichlorobenzene	16.336	146	216939	1.055	ppbv	99
76) 1,4-Dichlorobenzene	16.484	146	122088	0.599	ppbv #	45
77) 1,2-Dichlorobenzene	17.156	146	207258	1.027	ppbv	97
78) Hexachloro-1,3-Butadiene	22.644	225	165894	1.149	ppbv	99
79) Naphthalene	21.400	128	142700	0.531	ppbv	95
80) Naphthalene,2-methyl-	24.400	142	35097	0.465	ppbv	93
81) 1,2,4-Trichlorobenzene	21.153	180	144141	0.987	ppbv	100

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

Quant Time: Oct 12 00:26:06 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101123AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Thu Oct 12 00:21:08 2023
Response via : Initial Calibration

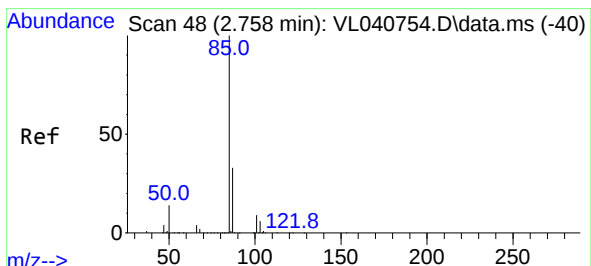
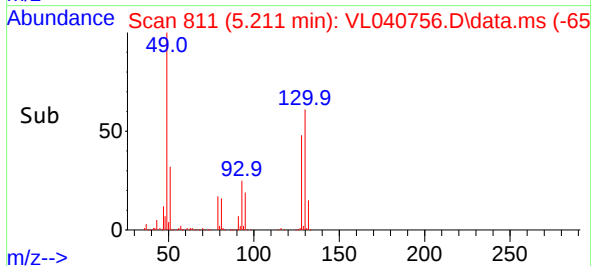
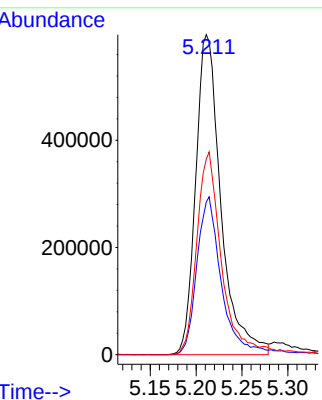
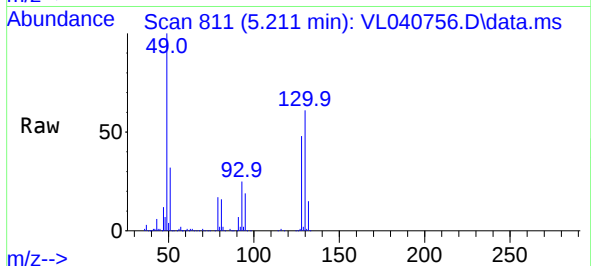




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.211 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL040756.D
Acq: 11 Oct 2023 13:18

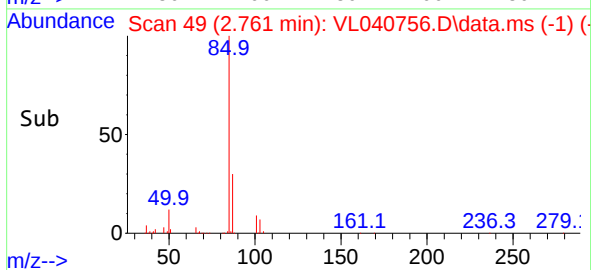
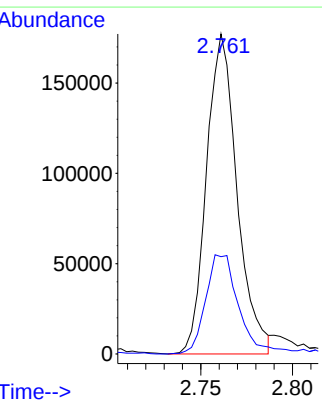
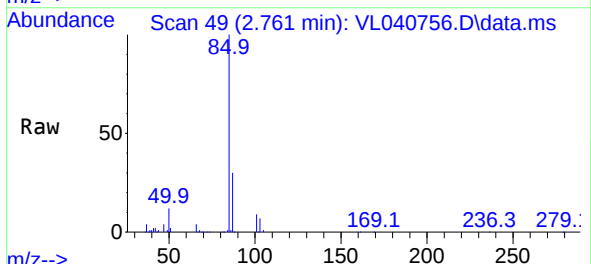
Instrument :
MSVOA_L
ClientSampleId :

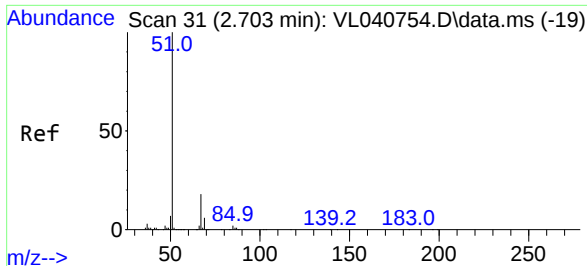
Tgt Ion: 49 Resp: 1143635
Ion Ratio Lower Upper
49 100
128 49.3 23.9 71.7
130 64.6 30.7 92.1



#2
Dichlorodifluoromethane
Concen: 1.020 ppbv
RT: 2.761 min Scan# 49
Delta R.T. 0.003 min
Lab File: VL040756.D
Acq: 11 Oct 2023 13:18

Tgt Ion: 85 Resp: 205373
Ion Ratio Lower Upper
85 100
87 30.4 26.0 39.0

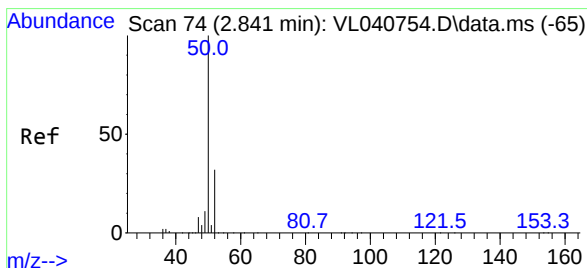
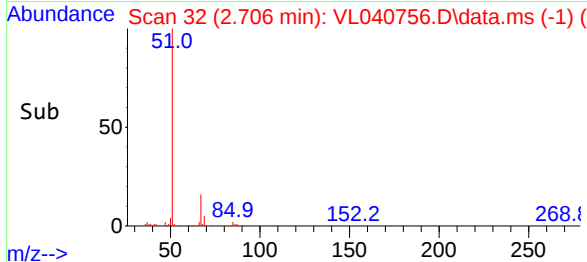
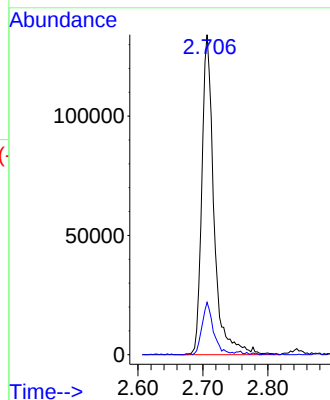
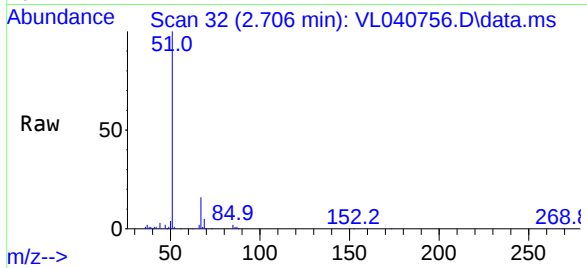




#3
Chlorodifluoromethane
Concen: 1.038 ppbv
RT: 2.706 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL040756.D
Acq: 11 Oct 2023 13:18

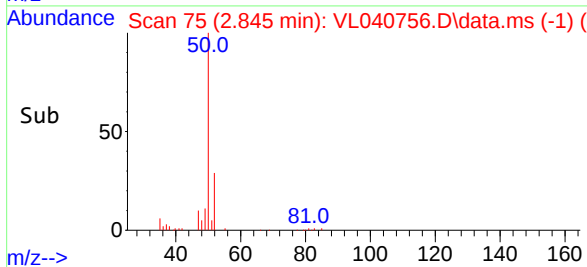
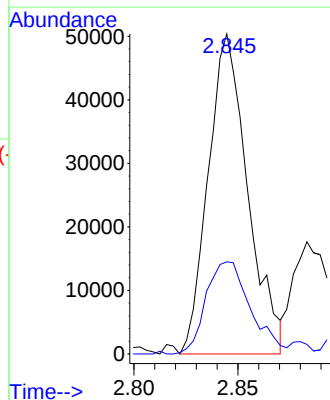
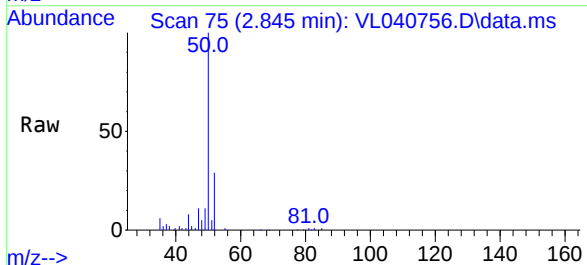
Instrument :
MSVOA_L
ClientSampleId :

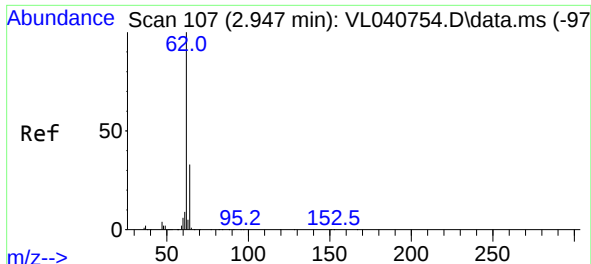
Tgt Ion: 51 Resp: 174381
Ion Ratio Lower Upper
51 100
67 16.7 13.8 20.6



#4
Chloromethane
Concen: 1.004 ppbv
RT: 2.845 min Scan# 75
Delta R.T. 0.003 min
Lab File: VL040756.D
Acq: 11 Oct 2023 13:18

Tgt Ion: 50 Resp: 66654
Ion Ratio Lower Upper
50 100
52 28.4 25.3 37.9

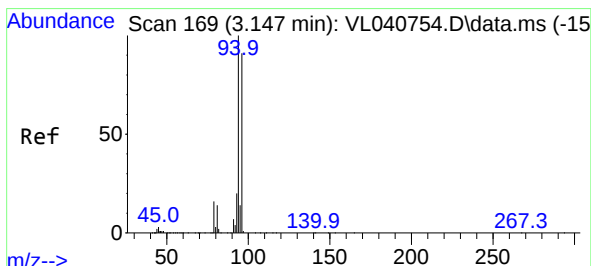
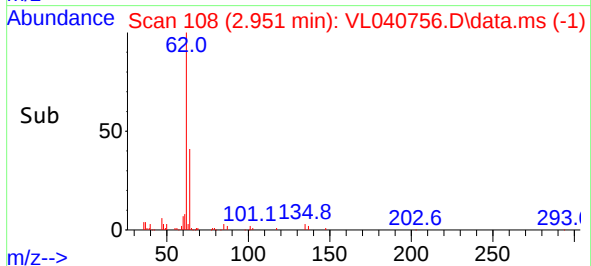
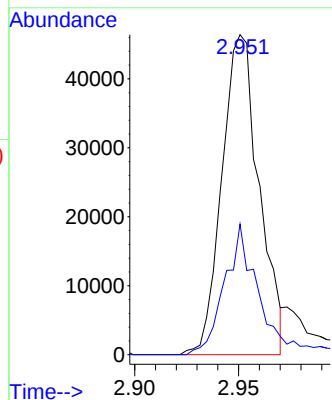
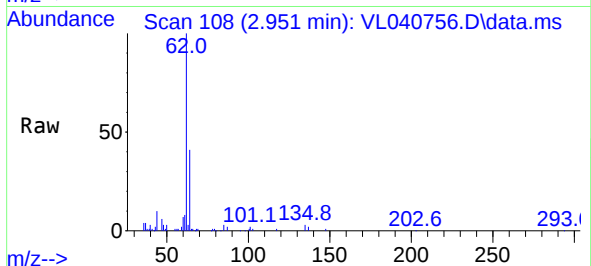




#5
 Vinyl Chloride
 Concen: 0.843 ppbv
 RT: 2.951 min Scan# 108
 Delta R.T. 0.003 min
 Lab File: VL040756.D
 Acq: 11 Oct 2023 13:18

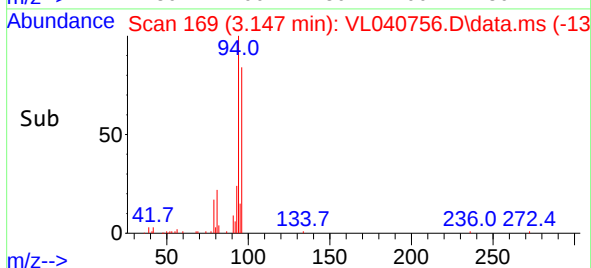
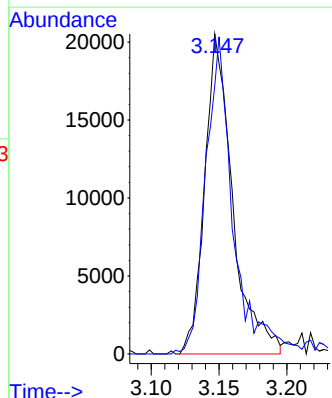
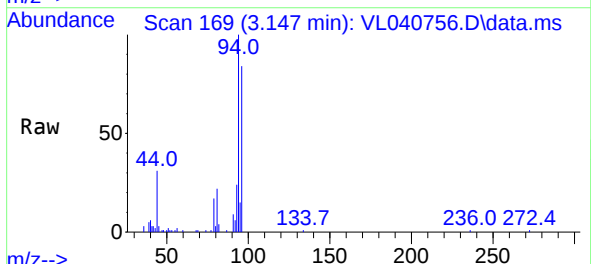
Instrument :
 MSVOA_L
 ClientSampleId :

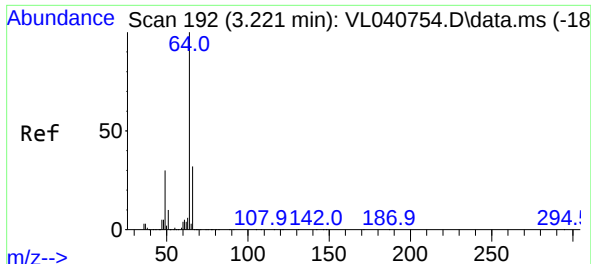
Tgt Ion: 62 Resp: 57828
 Ion Ratio Lower Upper
 62 100
 64 40.8 26.6 39.8#



#6
 Bromomethane
 Concen: 1.038 ppbv
 RT: 3.147 min Scan# 169
 Delta R.T. 0.000 min
 Lab File: VL040756.D
 Acq: 11 Oct 2023 13:18

Tgt Ion: 94 Resp: 29456
 Ion Ratio Lower Upper
 94 100
 96 83.1 72.6 109.0

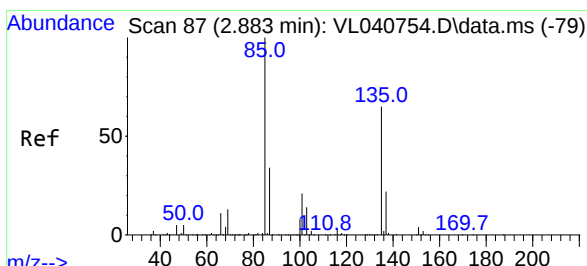
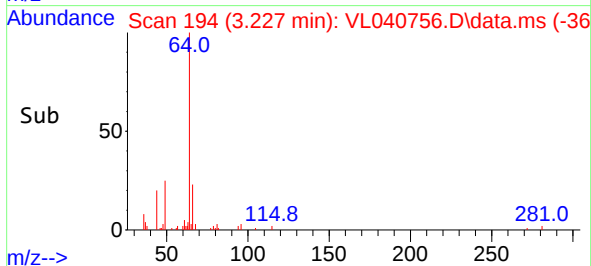
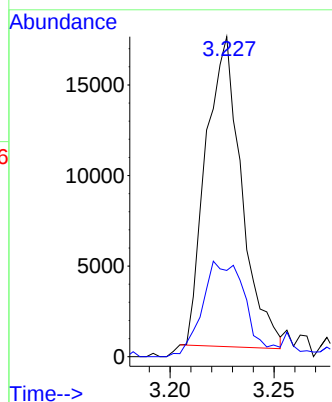
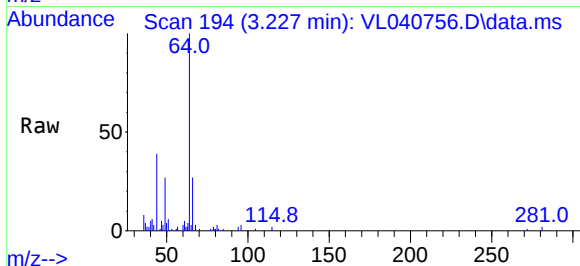




#7
Chloroethane
Concen: 0.913 ppbv
RT: 3.227 min Scan# 19
Delta R.T. 0.006 min
Lab File: VL040756.D
Acq: 11 Oct 2023 13:18

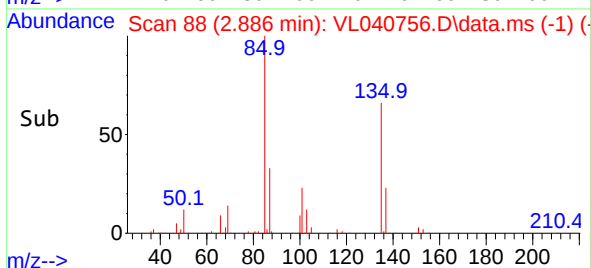
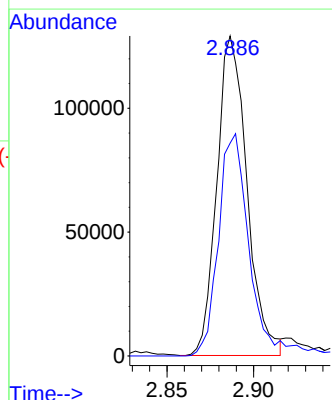
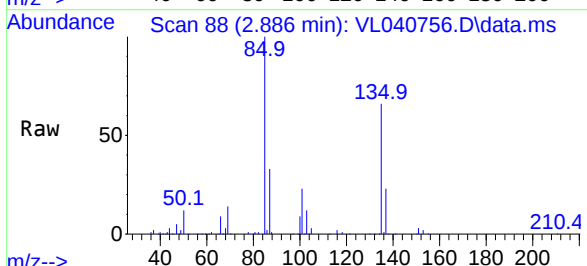
Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 64 Resp: 20378
Ion Ratio Lower Upper
64 100
66 26.9 25.4 38.2

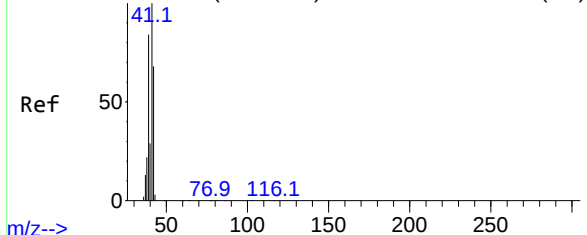


#8
Dichlorotetrafluoroethane
Concen: 1.022 ppbv
RT: 2.886 min Scan# 88
Delta R.T. 0.003 min
Lab File: VL040756.D
Acq: 11 Oct 2023 13:18

Tgt Ion: 85 Resp: 156001
Ion Ratio Lower Upper
85 100
135 72.6 55.4 83.2



Abundance Scan 37 (2.722 min): VL040754.D\data.ms (-27)



#9

Propene

Concen: 1.056 ppbv

RT: 2.726 min Scan# 30

Delta R.T. 0.003 min

Lab File: VL040756.D

Acq: 11 Oct 2023 13:18

Instrument :

MSVOA_L

ClientSampleId :

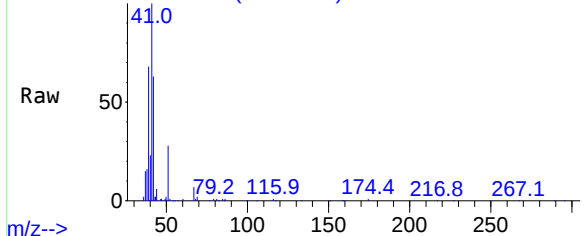
Tgt Ion: 41 Resp: 65931

Ion Ratio Lower Upper

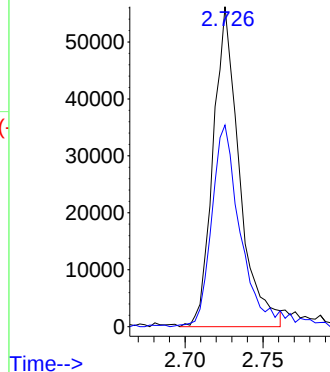
41 100

42 71.4 57.1 85.7

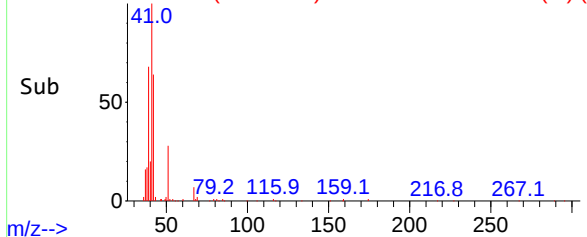
Abundance Scan 38 (2.726 min): VL040756.D\data.ms



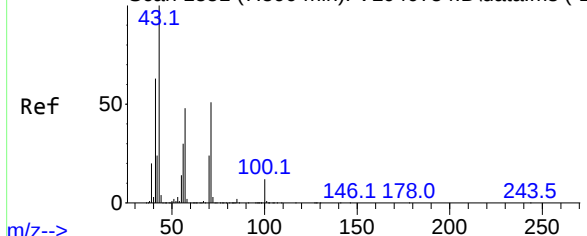
Abundance



Abundance Scan 38 (2.726 min): VL040756.D\data.ms (-1)



Abundance Scan 1551 (7.590 min): VL040754.D\data.ms (-1)



#10

Heptane

Concen: 1.025 ppbv

RT: 7.597 min Scan# 1553

Delta R.T. 0.006 min

Lab File: VL040756.D

Acq: 11 Oct 2023 13:18

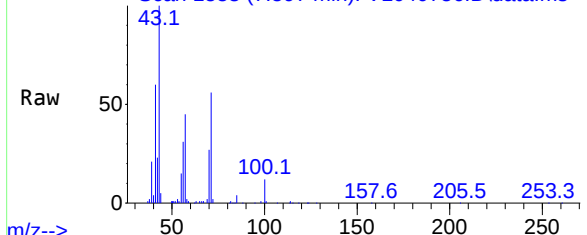
Tgt Ion: 43 Resp: 160680

Ion Ratio Lower Upper

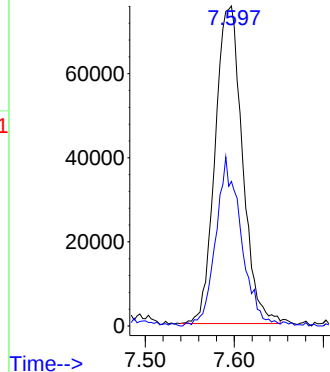
43 100

57 50.2 40.0 60.0

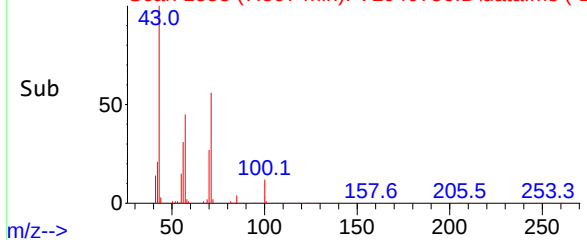
Abundance Scan 1553 (7.597 min): VL040756.D\data.ms

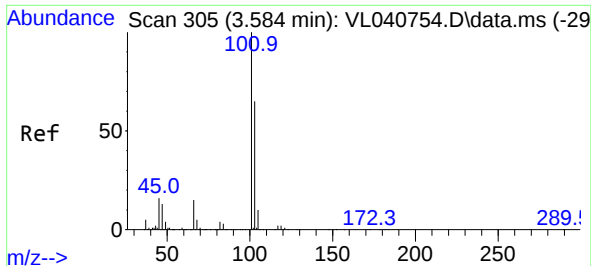


Abundance



Abundance Scan 1553 (7.597 min): VL040756.D\data.ms (-1)

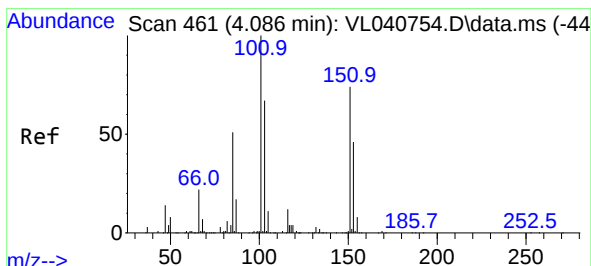
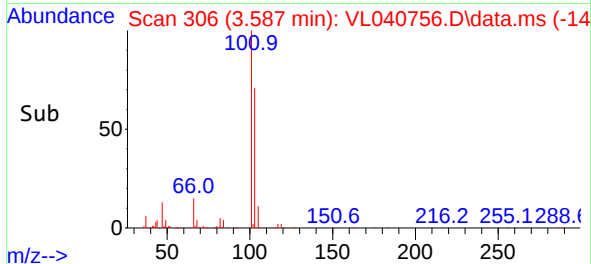
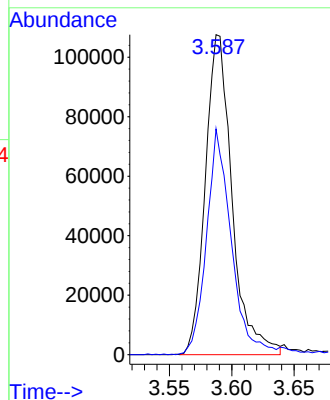
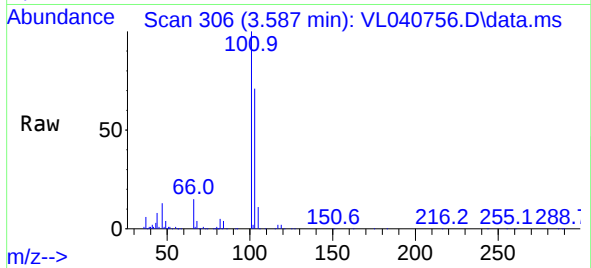




#11
 Trichlorofluoromethane
 Concen: 1.034 ppbv
 RT: 3.587 min Scan# 305
 Delta R.T. 0.003 min
 Lab File: VL040756.D
 Acq: 11 Oct 2023 13:18

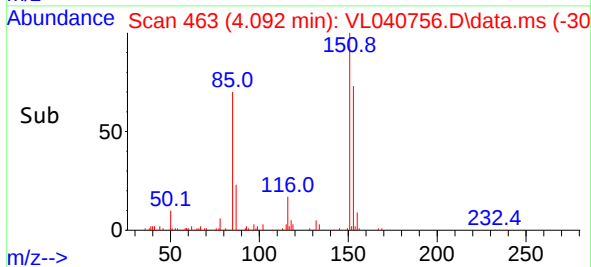
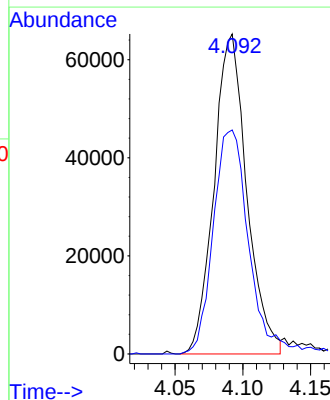
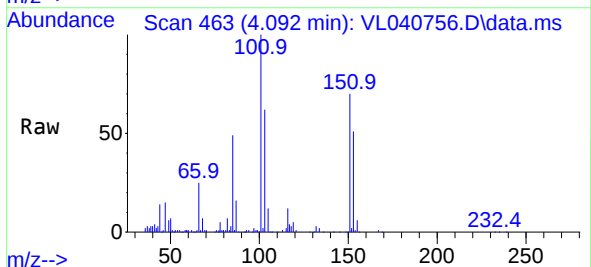
Instrument :
 MSVOA_L
 ClientSampleId :

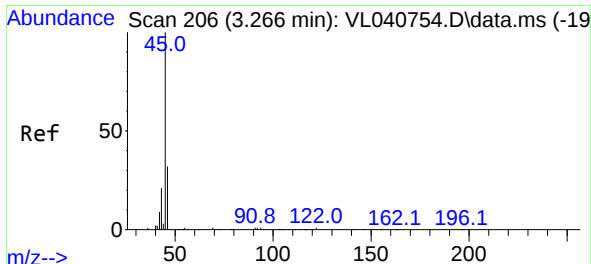
Tgt Ion:101 Resp: 160780
 Ion Ratio Lower Upper
 101 100
 103 70.3 52.2 78.2



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.989 ppbv
 RT: 4.092 min Scan# 463
 Delta R.T. 0.006 min
 Lab File: VL040756.D
 Acq: 11 Oct 2023 13:18

Tgt Ion:101 Resp: 109644
 Ion Ratio Lower Upper
 101 100
 151 77.0 58.1 87.1

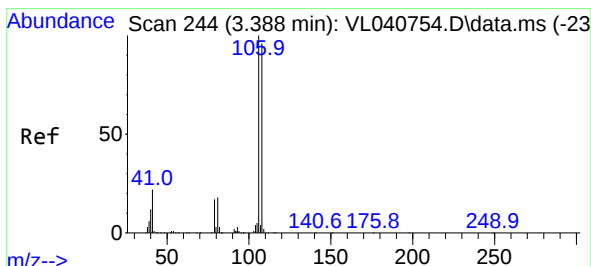
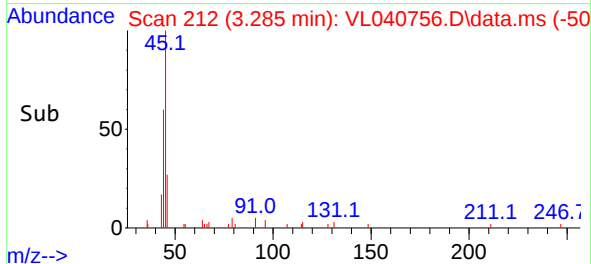
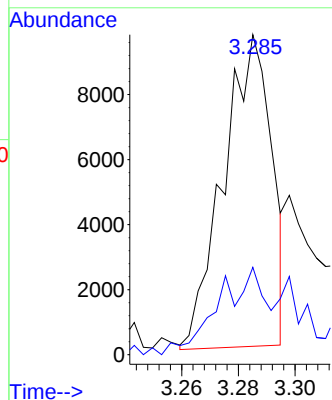
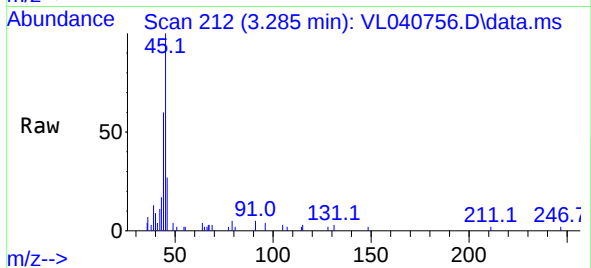




#13
Ethanol
Concen: 0.805 ppbv
RT: 3.285 min Scan# 212
Delta R.T. 0.019 min
Lab File: VL040756.D
Acq: 11 Oct 2023 13:18

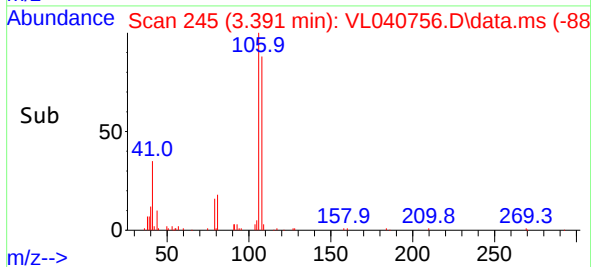
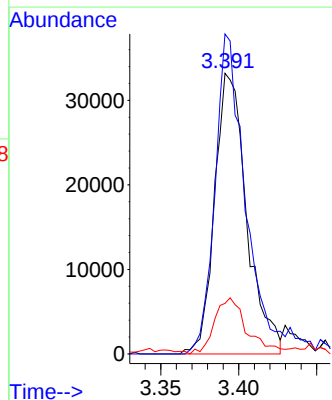
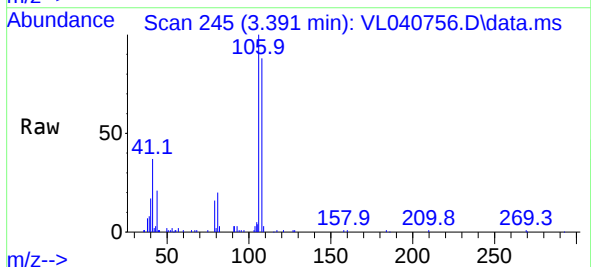
Instrument :
MSVOA_L
ClientSampleId :

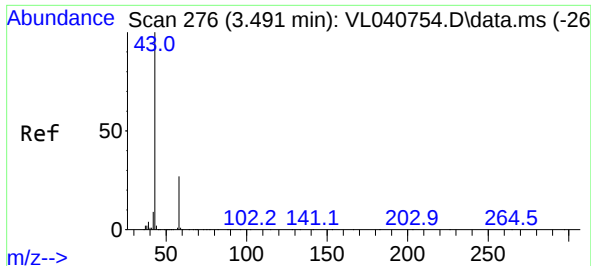
Tgt Ion: 45 Resp: 11348
Ion Ratio Lower Upper
45 100
46 50.8 14.6 58.2



#14
Bromoethene
Concen: 1.002 ppbv
RT: 3.391 min Scan# 245
Delta R.T. 0.003 min
Lab File: VL040756.D
Acq: 11 Oct 2023 13:18

Tgt Ion:108 Resp: 47569
Ion Ratio Lower Upper
108 100
106 113.3 85.2 127.8
79 22.7 15.7 23.5

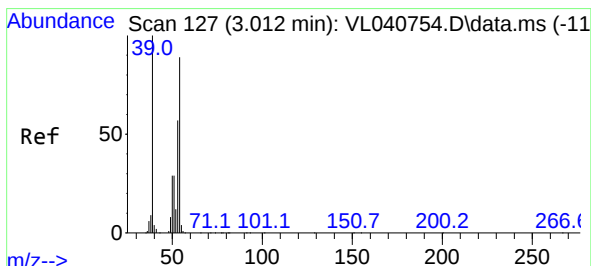
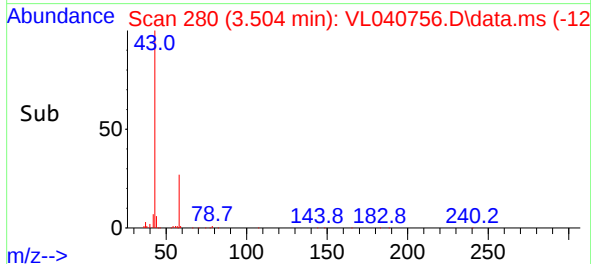
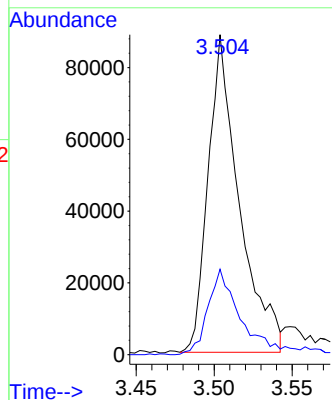
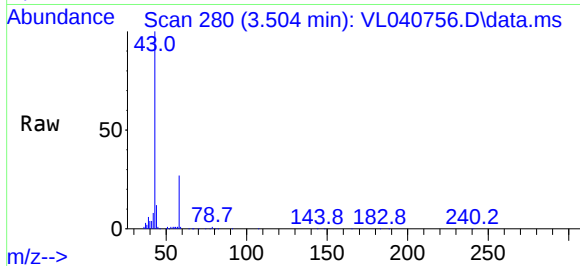




#15
Acetone
Concen: 1.039 ppbv
RT: 3.504 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL040756.D
Acq: 11 Oct 2023 13:18

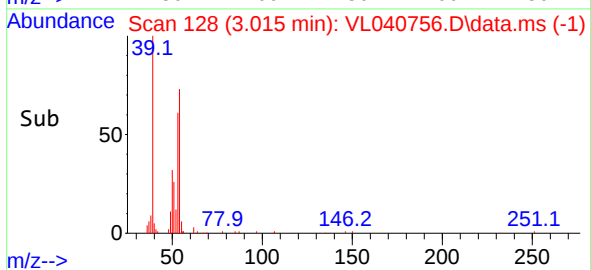
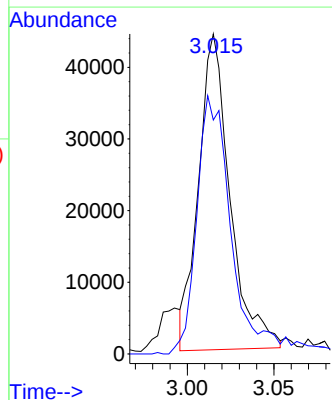
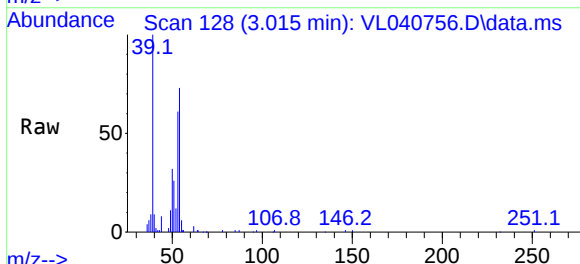
Instrument :
MSVOA_L
ClientSampleId :

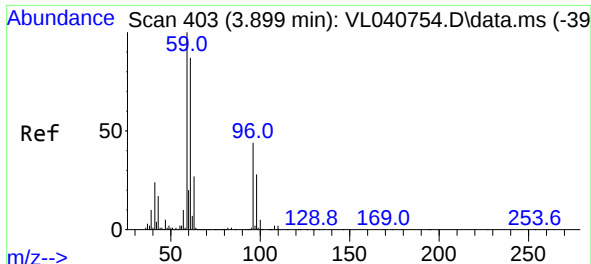
Tgt Ion: 43 Resp: 122876
Ion Ratio Lower Upper
43 100
58 30.6 21.6 32.4



#16
1,3-Butadiene
Concen: 0.900 ppbv
RT: 3.015 min Scan# 128
Delta R.T. 0.003 min
Lab File: VL040756.D
Acq: 11 Oct 2023 13:18

Tgt Ion: 39 Resp: 55798
Ion Ratio Lower Upper
39 100
54 92.8 63.0 94.6





#17

tert-Butyl alcohol

Concen: 1.012 ppbv

RT: 3.912 min Scan# 407

Delta R.T. 0.013 min

Lab File: VL040756.D

Acq: 11 Oct 2023 13:18

Instrument :

MSVOA_L

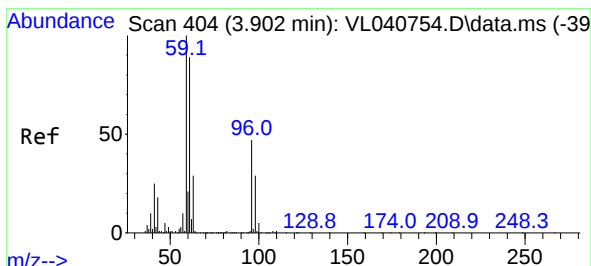
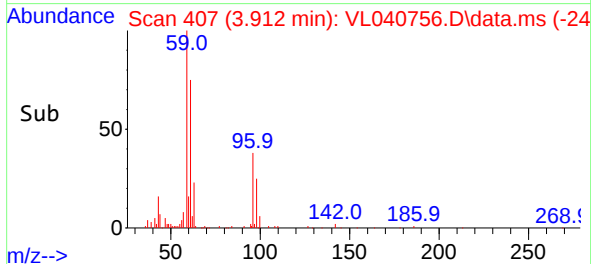
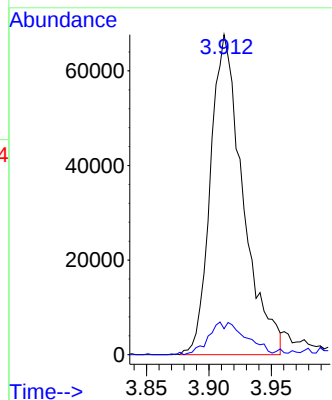
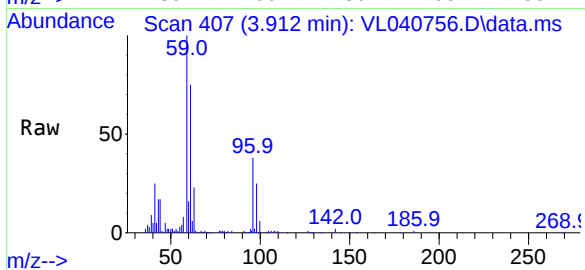
ClientSampleId :

Tgt Ion: 59 Resp: 122669

Ion Ratio Lower Upper

59 100

57 12.1 8.6 13.0



#18

1,1-Dichloroethene

Concen: 0.987 ppbv

RT: 3.906 min Scan# 405

Delta R.T. 0.003 min

Lab File: VL040756.D

Acq: 11 Oct 2023 13:18

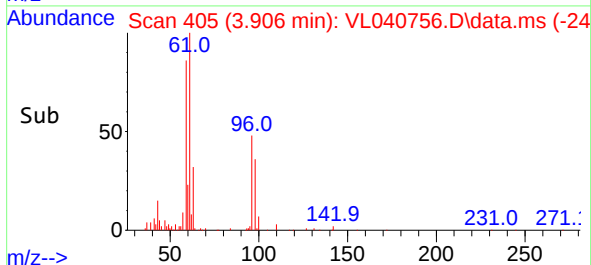
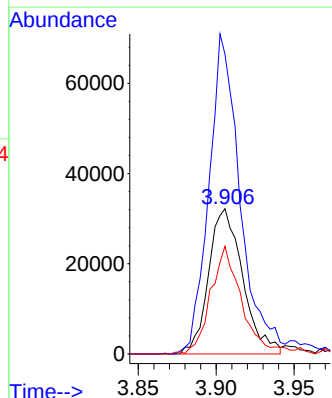
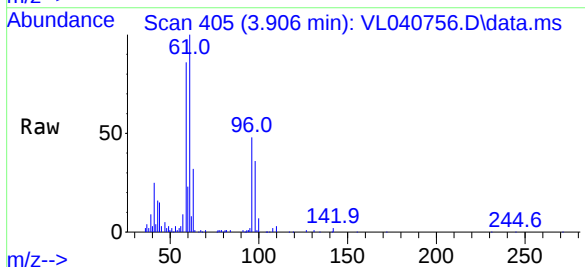
Tgt Ion: 96 Resp: 49030

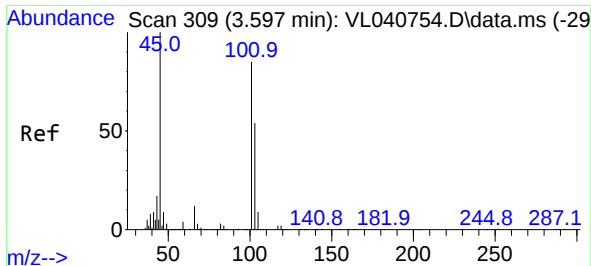
Ion Ratio Lower Upper

96 100

61 204.4 152.5 228.7

98 72.7 49.6 74.4

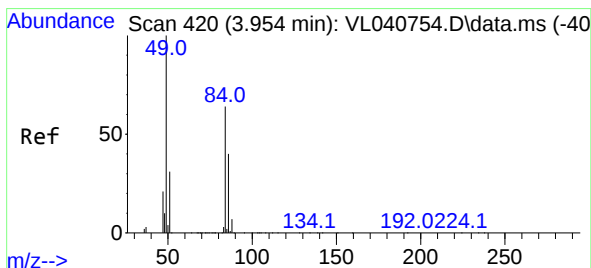
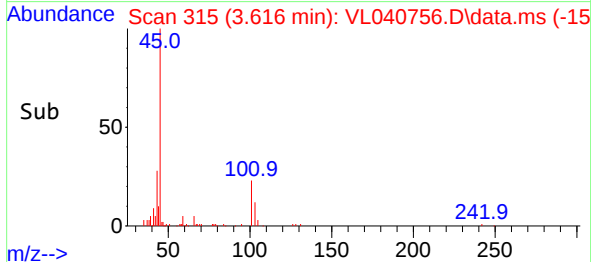
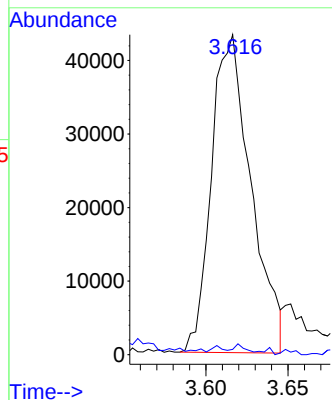
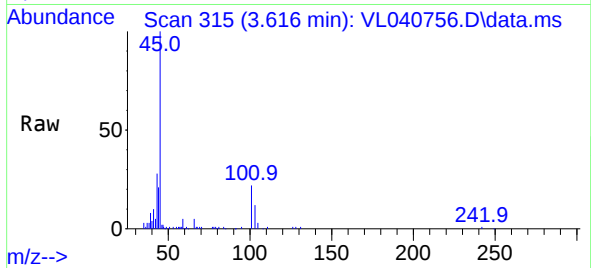




#19
Isopropyl Alcohol
Concen: 0.951 ppbv
RT: 3.616 min Scan# 315
Delta R.T. 0.019 min
Lab File: VL040756.D
Acq: 11 Oct 2023 13:18

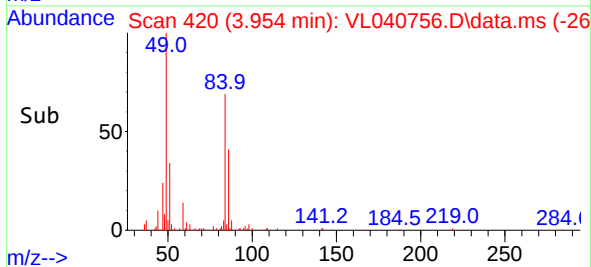
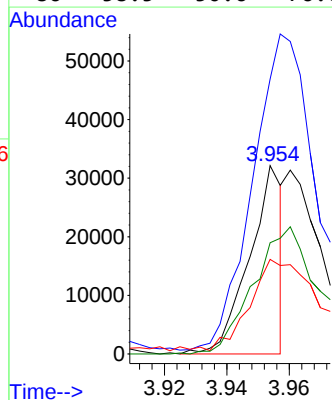
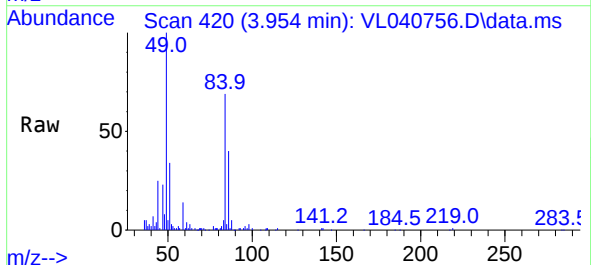
Instrument :
MSVOA_L
ClientSampleId :

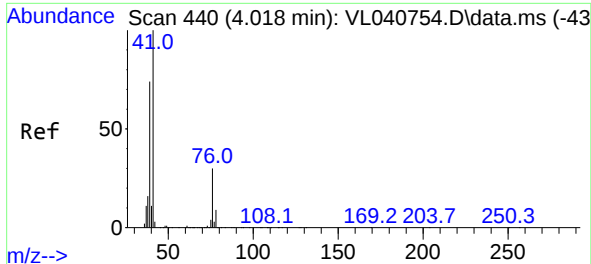
Tgt Ion: 45 Resp: 72373
Ion Ratio Lower Upper
45 100
58 2.9 30.3 45.5#



#20
Methylene Chloride
Concen: 0.479 ppbv
RT: 3.954 min Scan# 420
Delta R.T. 0.000 min
Lab File: VL040756.D
Acq: 11 Oct 2023 13:18

Tgt Ion: 84 Resp: 23589
Ion Ratio Lower Upper
84 100
49 143.8 125.6 188.4
51 46.4 38.9 58.3
86 58.5 50.6 76.0





#21

Allyl Chloride

Concen: 0.965 ppbv

RT: 4.025 min Scan# 44

Delta R.T. 0.006 min

Lab File: VL040756.D

Acq: 11 Oct 2023 13:18

Instrument :

MSVOA_L

ClientSampleId :

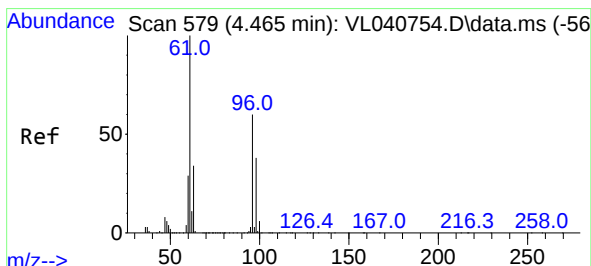
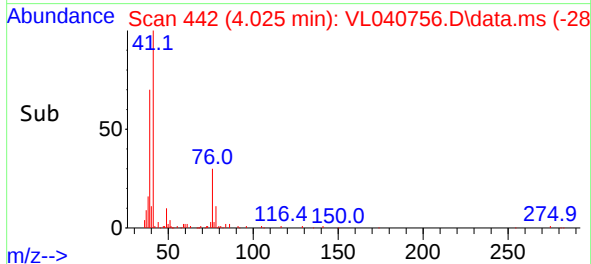
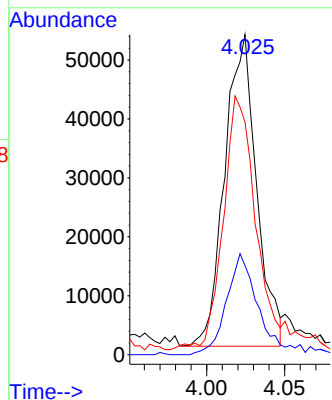
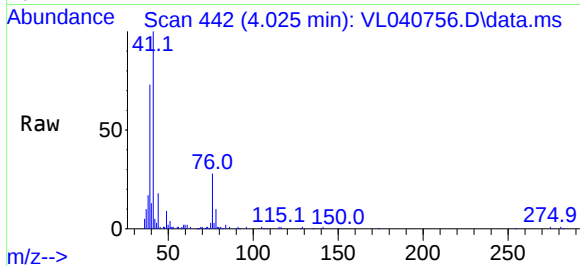
Tgt Ion: 41 Resp: 75270

Ion Ratio Lower Upper

41 100

76 33.6 24.1 36.1

39 88.6 63.8 95.6



#22

trans-1,2-Dichloroethene

Concen: 0.895 ppbv

RT: 4.468 min Scan# 580

Delta R.T. 0.003 min

Lab File: VL040756.D

Acq: 11 Oct 2023 13:18

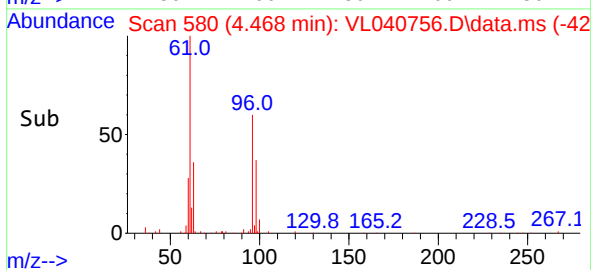
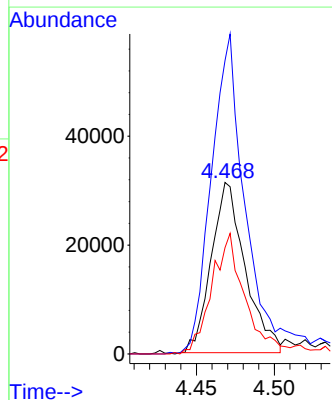
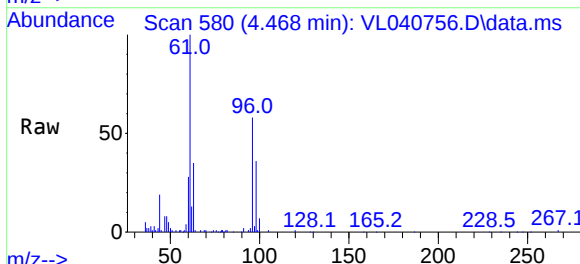
Tgt Ion: 96 Resp: 47329

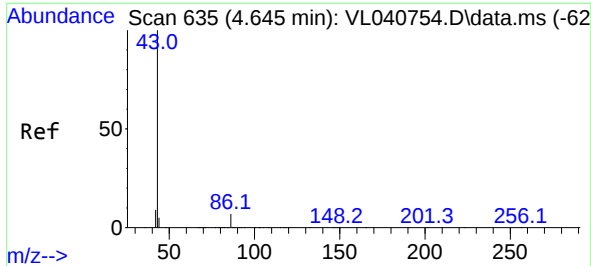
Ion Ratio Lower Upper

96 100

61 171.8 134.0 201.0

98 62.4 51.0 76.4



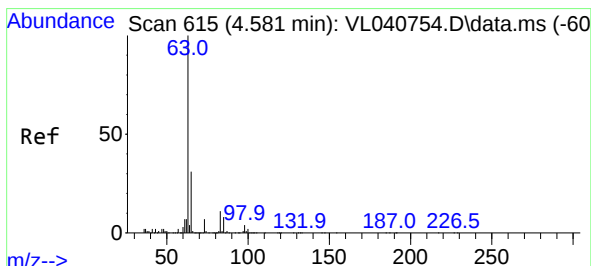
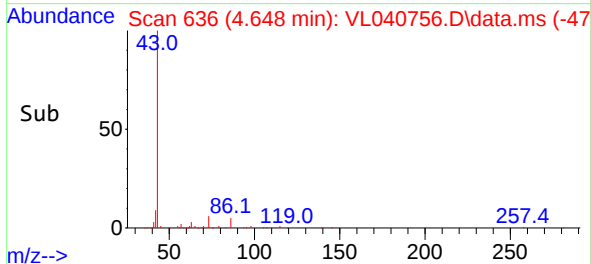
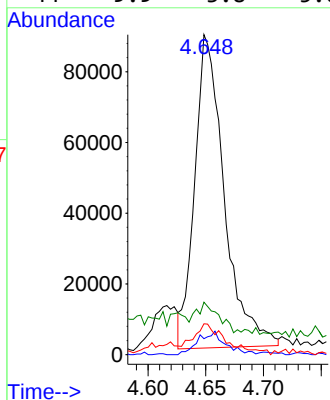
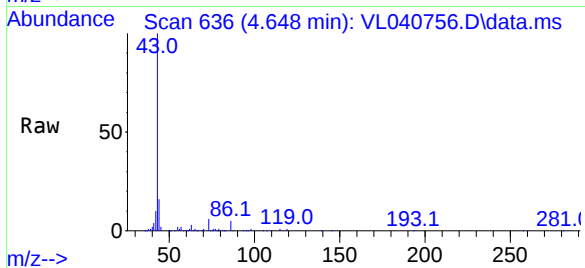


#23
 Vinyl Acetate
 Concen: 1.046 ppbv
 RT: 4.648 min Scan# 61
 Delta R.T. 0.003 min
 Lab File: VL040756.D
 Acq: 11 Oct 2023 13:18

Instrument :
 MSVOA_L
 ClientSampleId :

Tgt Ion: 43 Resp: 157556

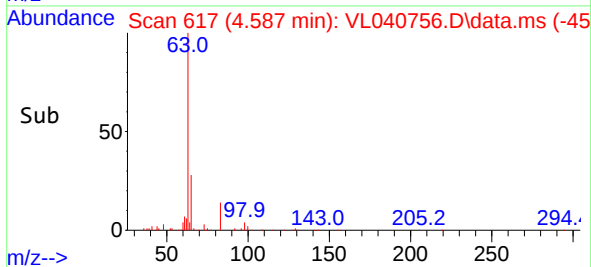
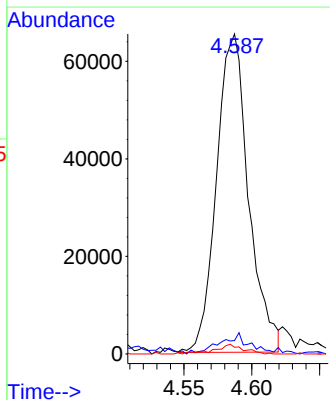
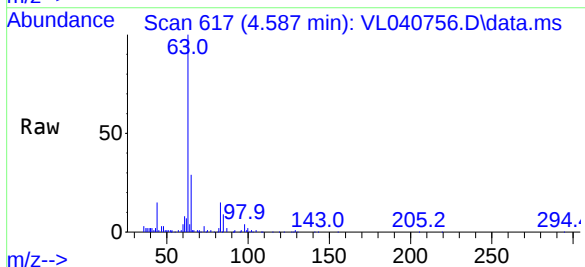
Ion	Ratio	Lower	Upper
43	100		
86	5.2	4.9	7.3
42	9.5	7.8	11.6
44	9.9	3.8	5.6

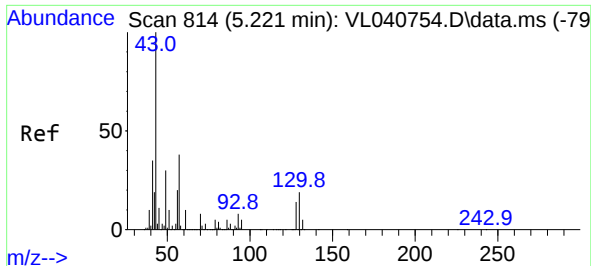


#24
 1,1-Dichloroethane
 Concen: 0.944 ppbv
 RT: 4.587 min Scan# 617
 Delta R.T. 0.006 min
 Lab File: VL040756.D
 Acq: 11 Oct 2023 13:18

Tgt Ion: 63 Resp: 107260

Ion	Ratio	Lower	Upper
63	100		
98	3.6	2.0	5.8
100	2.1	1.3	3.8



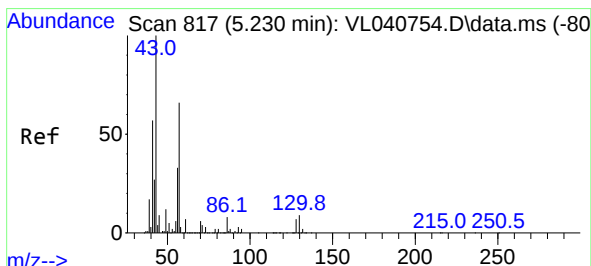
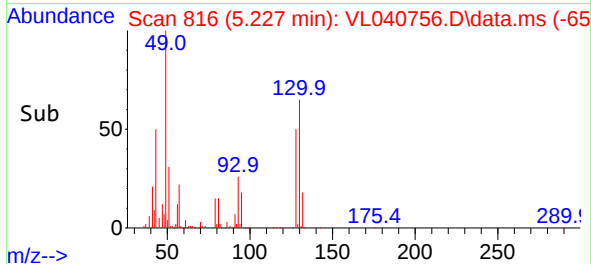
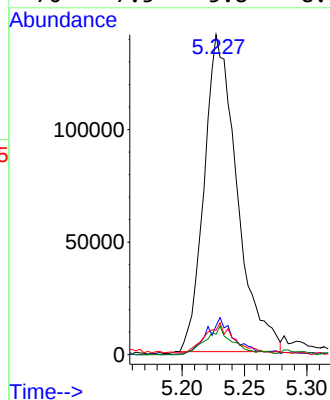
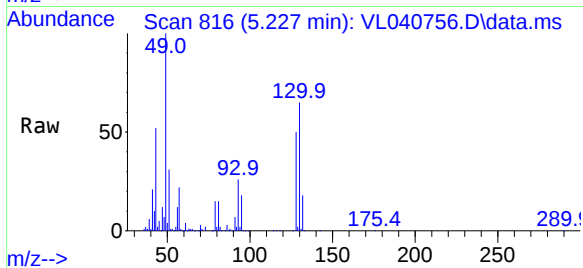


#25
Ethyl Acetate
Concen: 0.996 ppbv
RT: 5.227 min Scan# 814
Delta R.T. 0.006 min
Lab File: VL040756.D
Acq: 11 Oct 2023 13:18

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 257952

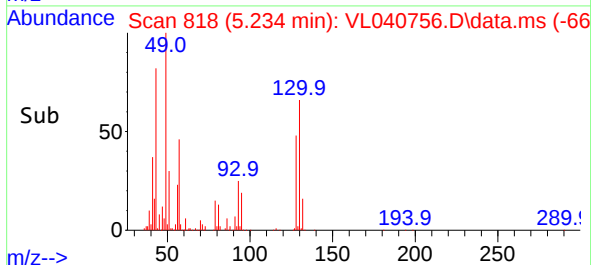
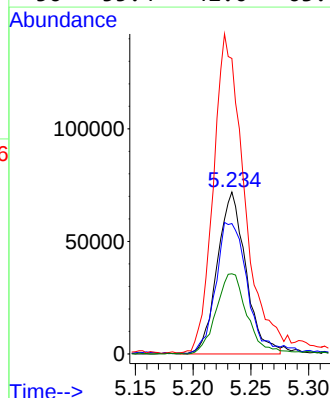
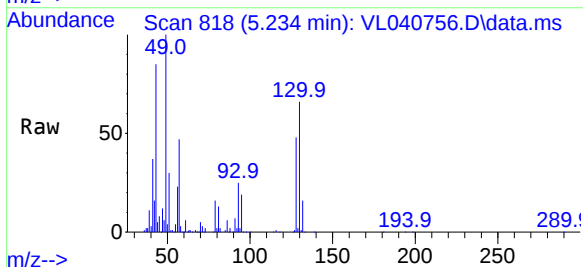
Ion	Ratio	Lower	Upper
43	100		
45	11.0	8.2	12.4
61	10.7	8.2	12.2
70	7.5	5.8	8.6

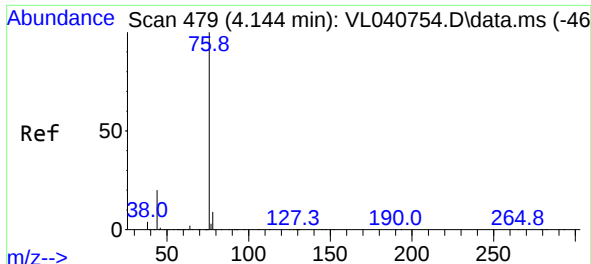


#26
Hexane
Concen: 1.042 ppbv
RT: 5.234 min Scan# 818
Delta R.T. 0.003 min
Lab File: VL040756.D
Acq: 11 Oct 2023 13:18

Tgt Ion: 57 Resp: 123343

Ion	Ratio	Lower	Upper
57	100		
41	93.3	71.4	107.2
43	224.2	182.3	273.5
56	55.4	42.0	63.0

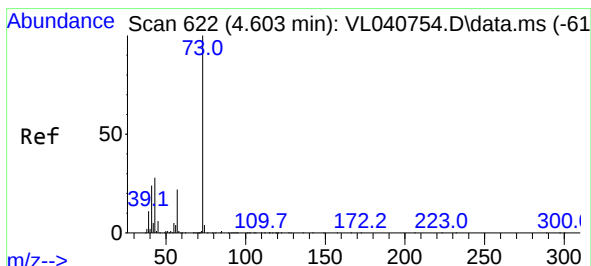
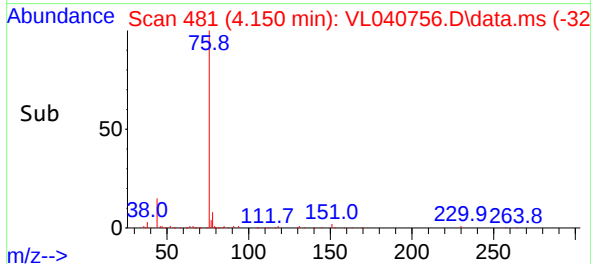
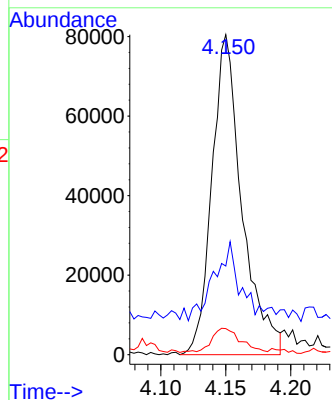
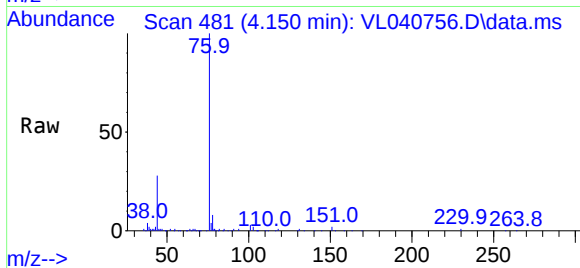




#27
Carbon Disulfide
Concen: 0.992 ppbv
RT: 4.150 min Scan# 41
Delta R.T. 0.006 min
Lab File: VL040756.D
Acq: 11 Oct 2023 13:18

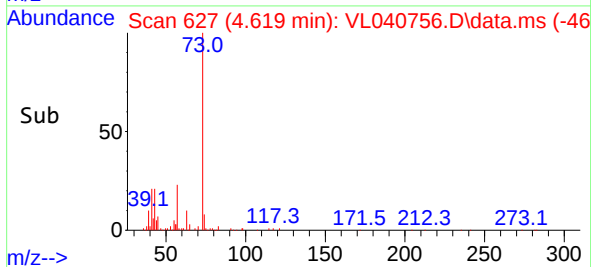
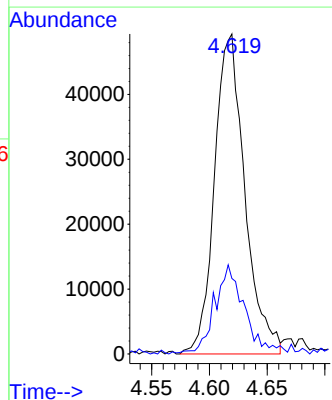
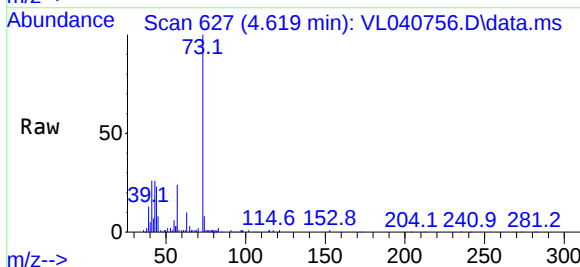
Instrument :
MSVOA_L
ClientSampleId :

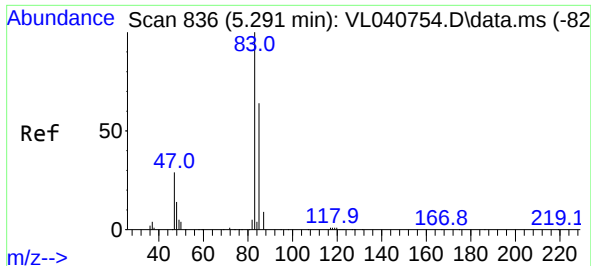
Tgt Ion: 76 Resp: 129582
Ion Ratio Lower Upper
76 100
44 27.7 16.6 25.0#
78 12.3 7.8 11.6#



#28
Methyl tert-Butyl Ether
Concen: 0.979 ppbv
RT: 4.619 min Scan# 627
Delta R.T. 0.016 min
Lab File: VL040756.D
Acq: 11 Oct 2023 13:18

Tgt Ion: 73 Resp: 90167
Ion Ratio Lower Upper
73 100
57 28.6 18.9 28.3#





#29

Chloroform

Concen: 1.025 ppbv

RT: 5.288 min Scan# 81

Delta R.T. -0.003 min

Lab File: VL040756.D

Acq: 11 Oct 2023 13:18

Instrument :

MSVOA_L

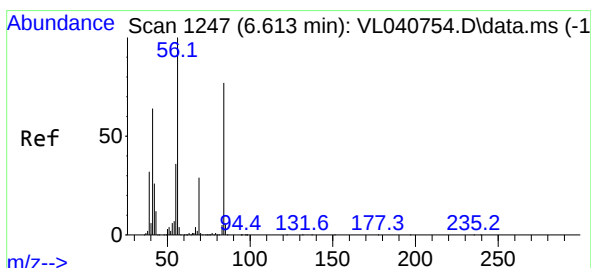
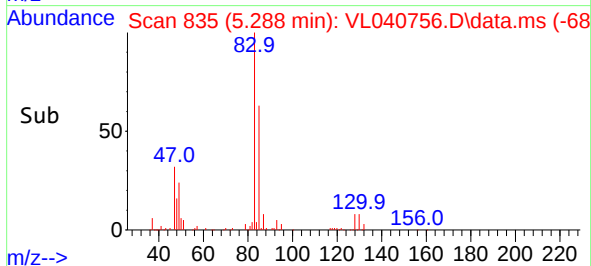
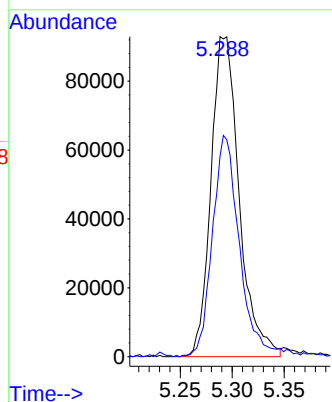
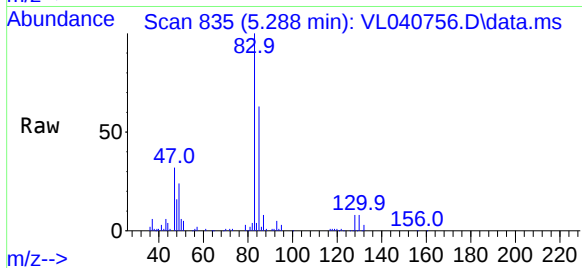
ClientSampleId :

Tgt Ion: 83 Resp: 175659

Ion Ratio Lower Upper

83 100

85 62.7 51.3 76.9



#30

Cyclohexane

Concen: 1.014 ppbv

RT: 6.619 min Scan# 1249

Delta R.T. 0.006 min

Lab File: VL040756.D

Acq: 11 Oct 2023 13:18

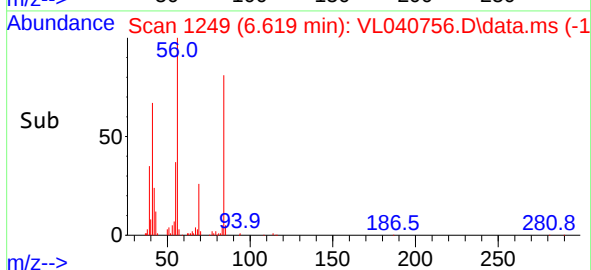
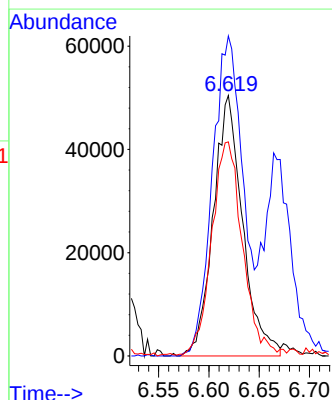
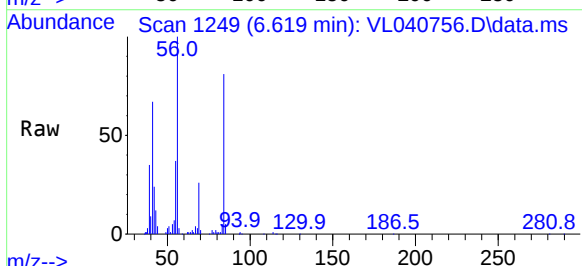
Tgt Ion: 84 Resp: 102146

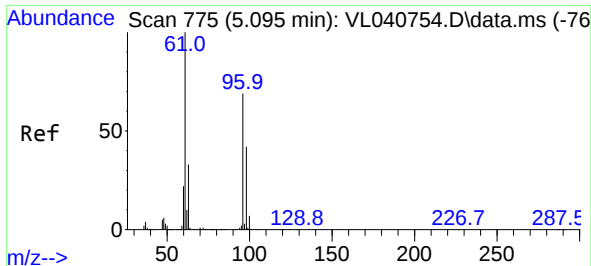
Ion Ratio Lower Upper

84 100

56 129.7 110.3 165.5

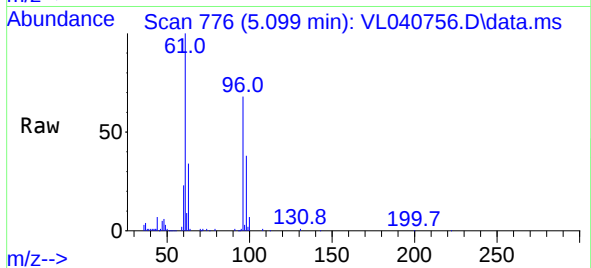
41 85.6 67.4 101.2



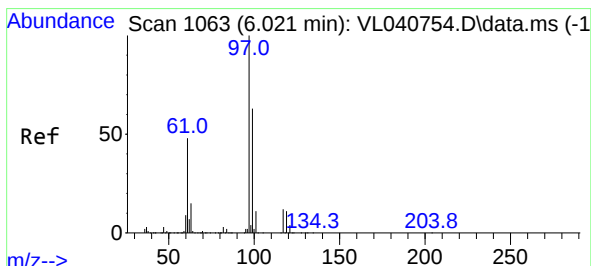
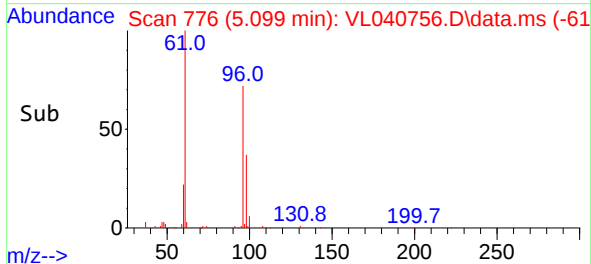
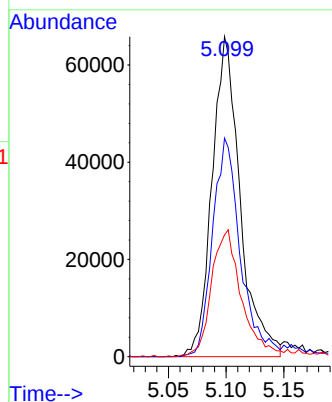


#31
 cis-1,2-Dichloroethene
 Concen: 1.021 ppbv
 RT: 5.099 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VL040756.D
 Acq: 11 Oct 2023 13:18

Instrument :
 MSVOA_L
 ClientSampleId :

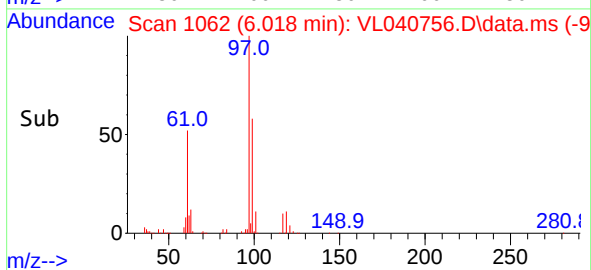
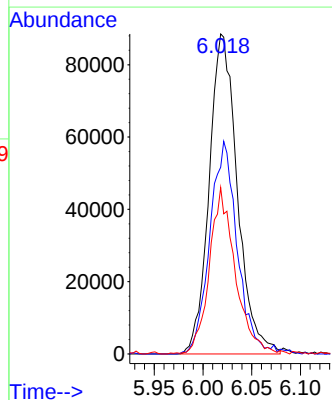
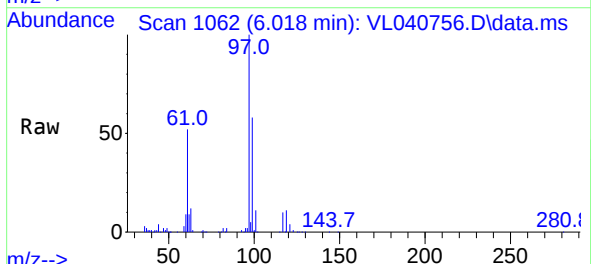


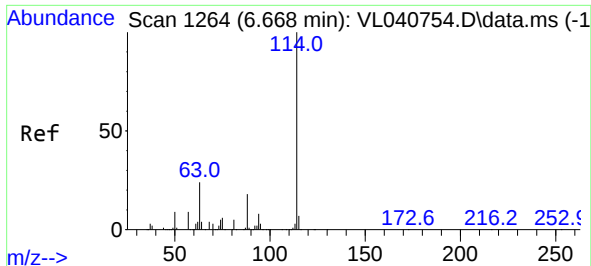
Tgt Ion: 61 Resp: 111380
 Ion Ratio Lower Upper
 61 100
 96 68.3 55.1 82.7
 98 37.8 33.5 50.3



#32
 1,1,1-Trichloroethane
 Concen: 0.977 ppbv
 RT: 6.018 min Scan# 1062
 Delta R.T. -0.003 min
 Lab File: VL040756.D
 Acq: 11 Oct 2023 13:18

Tgt Ion: 97 Resp: 178059
 Ion Ratio Lower Upper
 97 100
 99 65.3 51.8 77.6
 61 48.2 38.6 58.0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.668 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL040756.D

Acq: 11 Oct 2023 13:18

Instrument :

MSVOA_L

ClientSampleId :

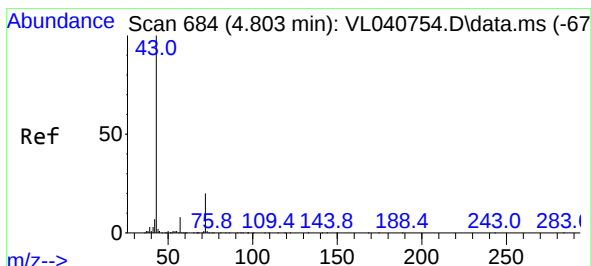
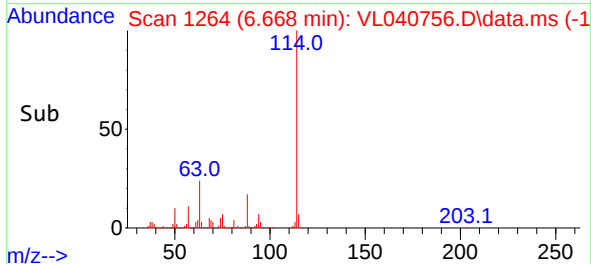
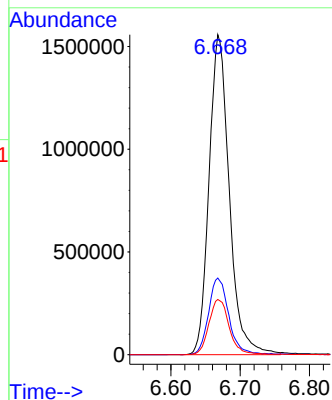
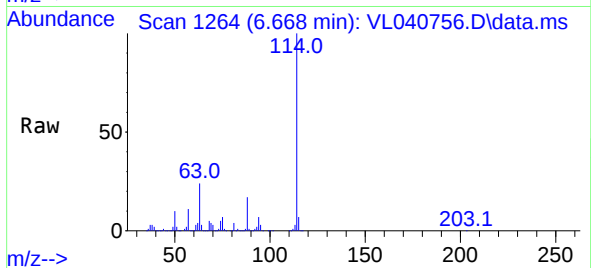
Tgt Ion:114 Resp: 3150375

Ion Ratio Lower Upper

114 100

63 24.2 19.8 29.6

88 17.5 14.2 21.2



#34

2-Butanone

Concen: 1.046 ppbv

RT: 4.816 min Scan# 688

Delta R.T. 0.013 min

Lab File: VL040756.D

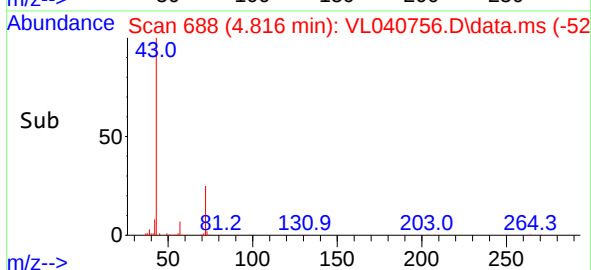
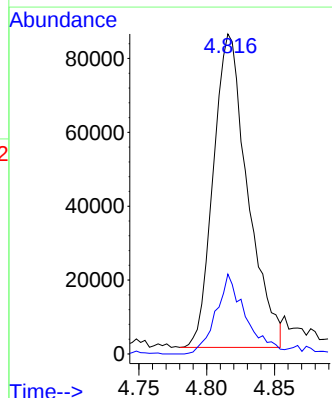
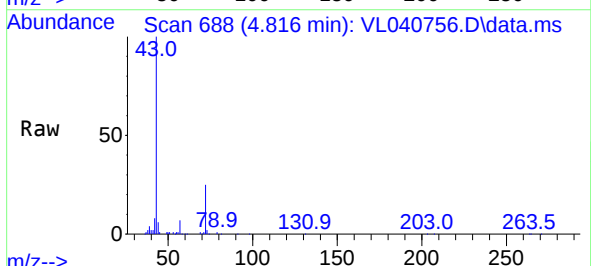
Acq: 11 Oct 2023 13:18

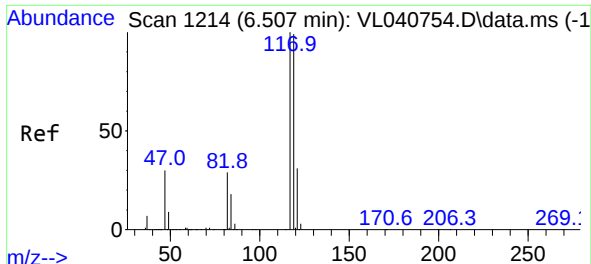
Tgt Ion: 43 Resp: 149172

Ion Ratio Lower Upper

43 100

72 23.8 16.8 25.2

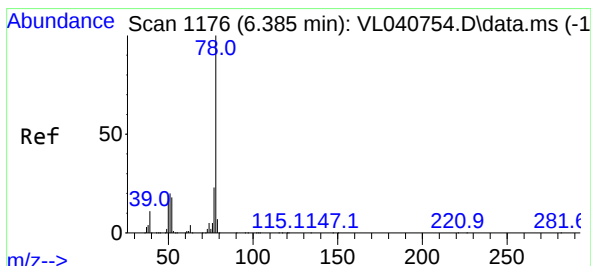
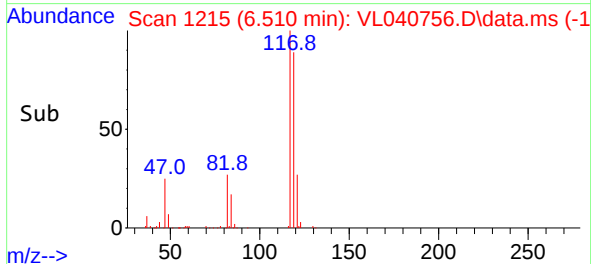
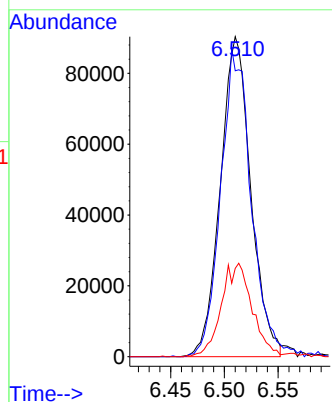
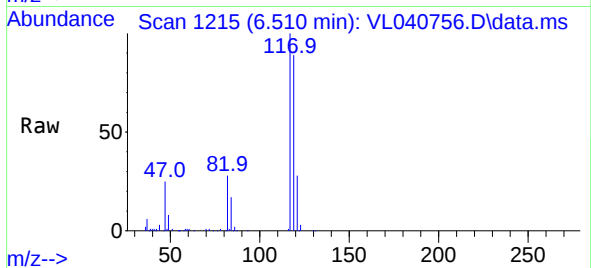




#35
Carbon Tetrachloride
Concen: 1.006 ppbv
RT: 6.510 min Scan# 1177
Delta R.T. 0.003 min
Lab File: VL040756.D
Acq: 11 Oct 2023 13:18

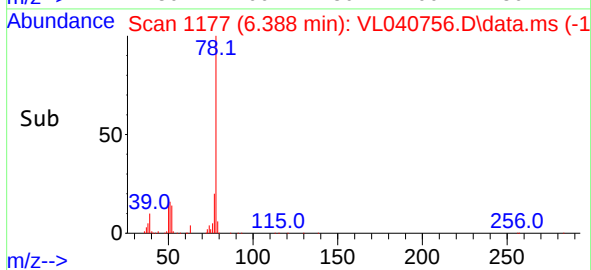
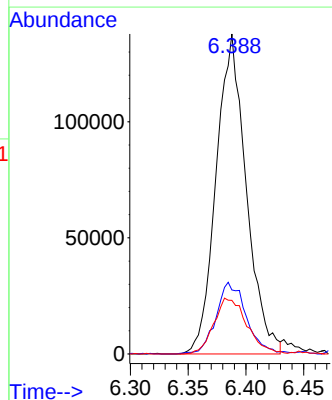
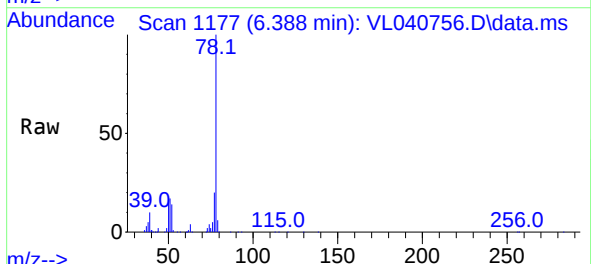
Instrument :
MSVOA_L
ClientSampleId :

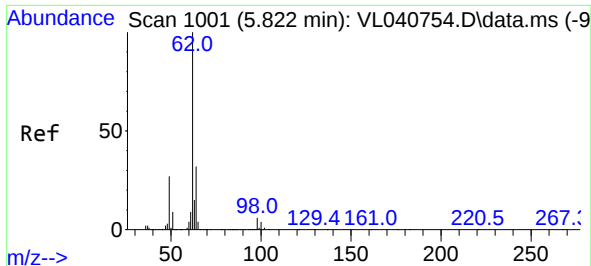
Tgt Ion:117 Resp: 177808
Ion Ratio Lower Upper
117 100
119 89.4 79.4 119.0
121 27.6 25.0 37.4



#36
Benzene
Concen: 1.031 ppbv
RT: 6.388 min Scan# 1177
Delta R.T. 0.003 min
Lab File: VL040756.D
Acq: 11 Oct 2023 13:18

Tgt Ion: 78 Resp: 249931
Ion Ratio Lower Upper
78 100
77 19.8 18.4 27.6
50 16.8 15.0 22.4

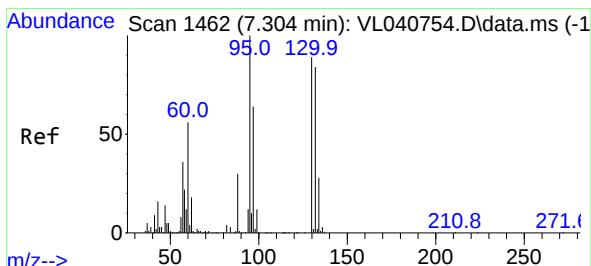
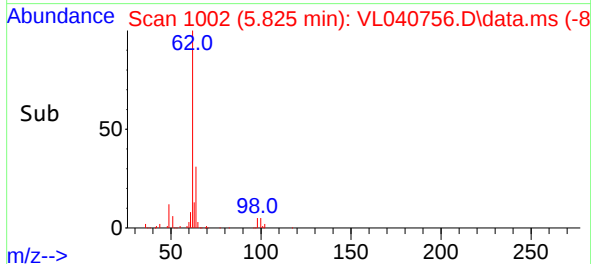
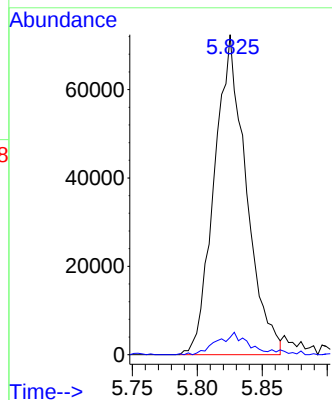
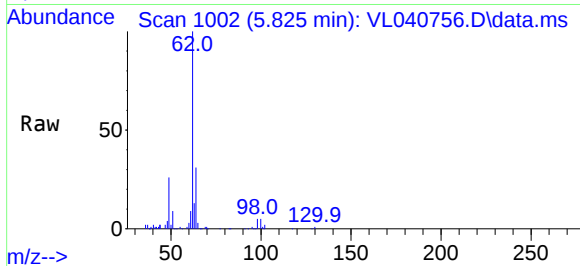




#37
1,2-Dichloroethane
Concen: 0.994 ppbv
RT: 5.825 min Scan# 1001
Delta R.T. 0.003 min
Lab File: VL040756.D
Acq: 11 Oct 2023 13:18

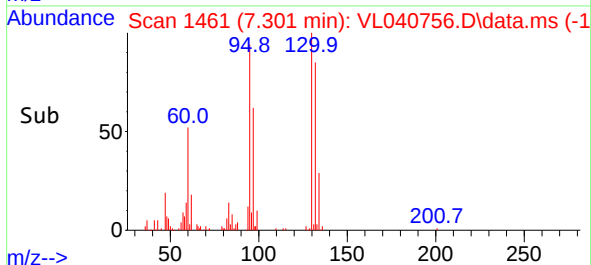
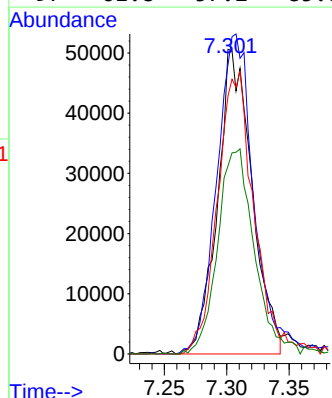
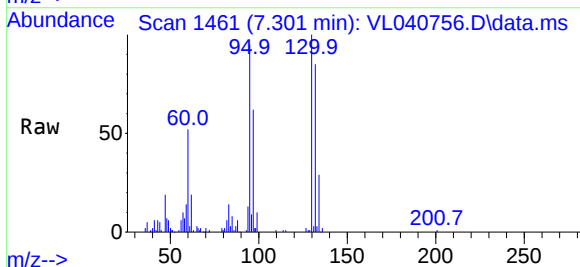
Instrument :
MSVOA_L
ClientSampleId :

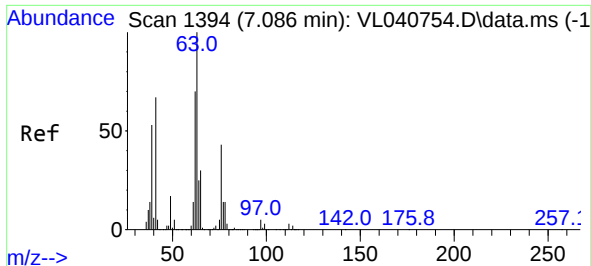
Tgt Ion: 62 Resp: 123400
Ion Ratio Lower Upper
62 100
98 7.2 5.4 8.0



#38
Trichloroethene
Concen: 0.911 ppbv
RT: 7.301 min Scan# 1461
Delta R.T. -0.003 min
Lab File: VL040756.D
Acq: 11 Oct 2023 13:18

Tgt Ion:130 Resp: 97693
Ion Ratio Lower Upper
130 100
95 94.6 89.4 134.2
132 84.8 74.8 112.2
97 61.8 57.2 85.8





#39

1,2-Dichloropropane

Concen: 0.974 ppbv

RT: 7.089 min Scan# 11

Delta R.T. 0.003 min

Lab File: VL040756.D

Acq: 11 Oct 2023 13:18

Instrument :

MSVOA_L

ClientSampleId :

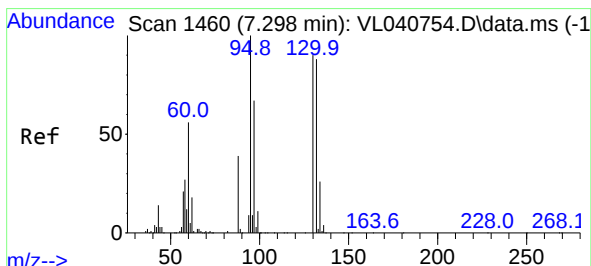
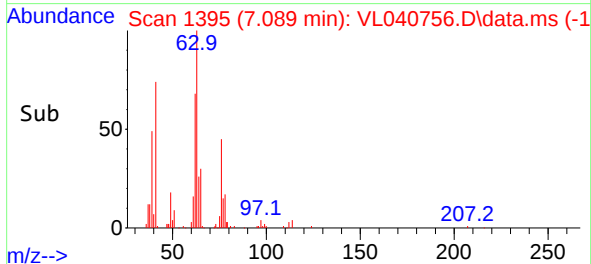
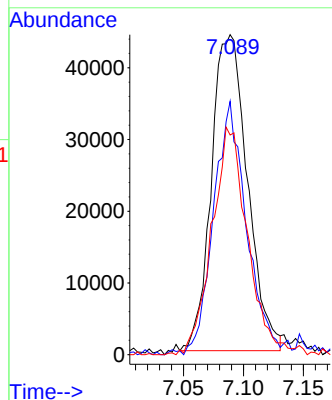
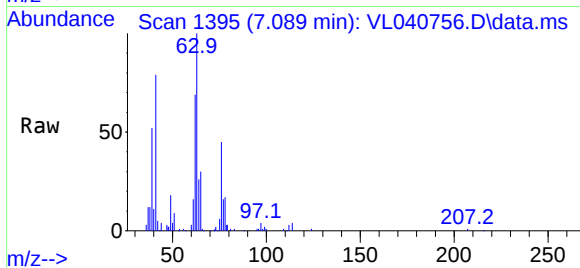
Tgt Ion: 63 Resp: 92187

Ion Ratio Lower Upper

63 100

41 78.9 53.7 80.5

62 68.1 55.7 83.5



#40

1,4-Dioxane

Concen: 0.075 ppbv

RT: 7.324 min Scan# 1468

Delta R.T. 0.026 min

Lab File: VL040756.D

Acq: 11 Oct 2023 13:18

Tgt Ion: 88 Resp: 2704

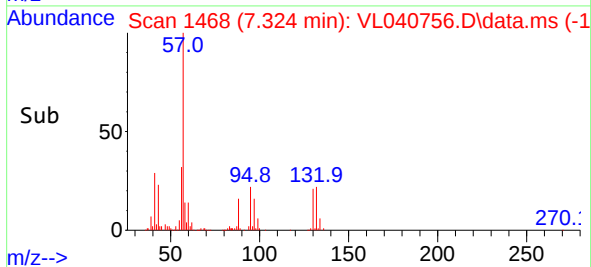
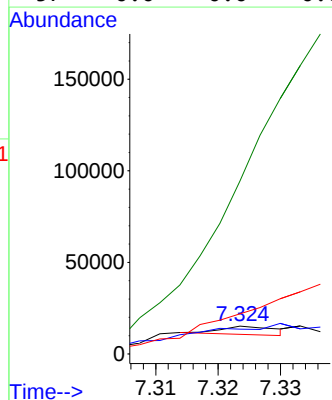
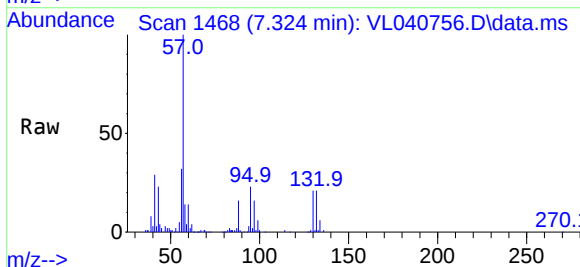
Ion Ratio Lower Upper

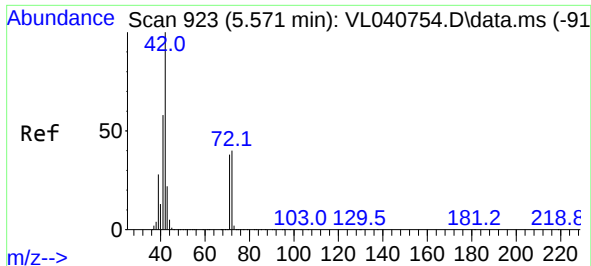
88 100

58 0.0 100.0 150.0#

43 0.0 0.0 0.0

57 0.0 0.0 0.0

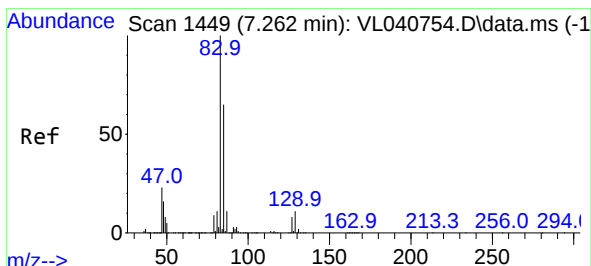
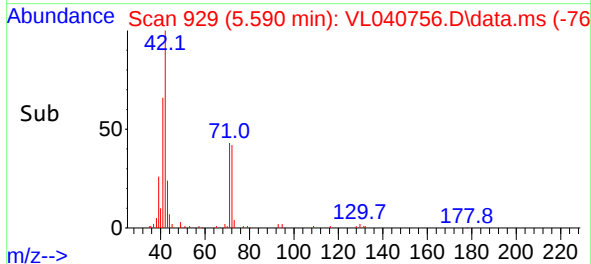
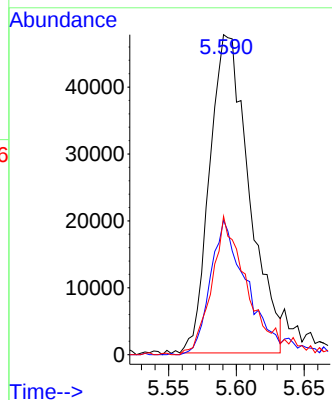
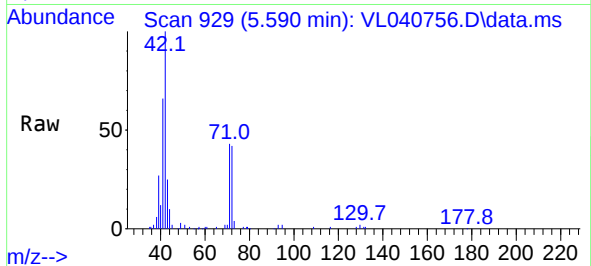




#41
Tetrahydrofuran
Concen: 0.977 ppbv
RT: 5.590 min Scan# 91
Delta R.T. 0.019 min
Lab File: VL040756.D
Acq: 11 Oct 2023 13:18

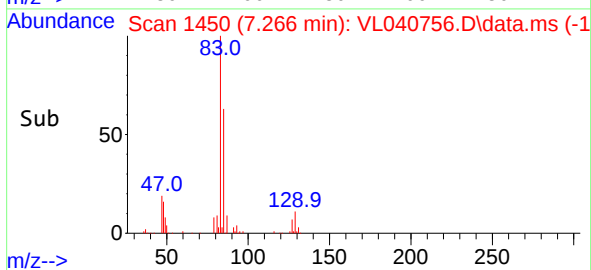
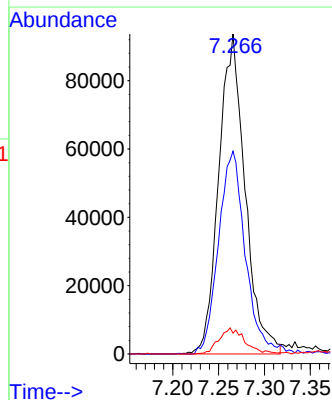
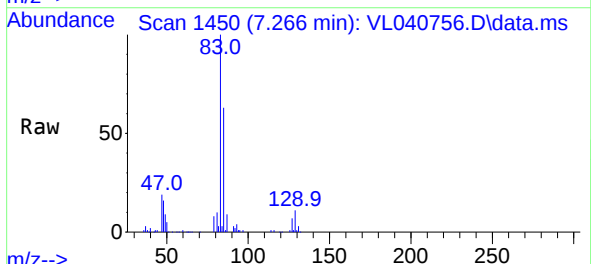
Instrument :
MSVOA_L
ClientSampleId :

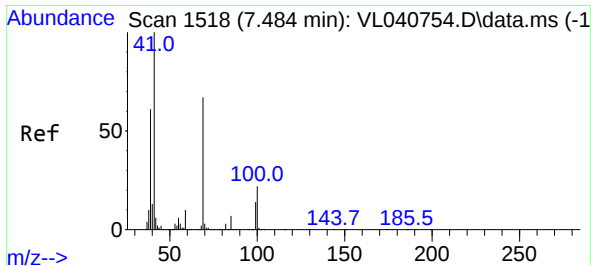
Tgt Ion: 42 Resp: 96485
Ion Ratio Lower Upper
42 100
72 42.6 31.1 46.7
71 41.9 29.7 44.5



#42
Bromodichloromethane
Concen: 1.005 ppbv
RT: 7.266 min Scan# 1450
Delta R.T. 0.003 min
Lab File: VL040756.D
Acq: 11 Oct 2023 13:18

Tgt Ion: 83 Resp: 186904
Ion Ratio Lower Upper
83 100
85 63.1 52.1 78.1
127 6.5 6.7 10.1#





#43

Methyl Methacrylate

Concen: 0.971 ppbv

RT: 7.491 min Scan# 11

Delta R.T. 0.006 min

Lab File: VL040756.D

Acq: 11 Oct 2023 13:18

Instrument :

MSVOA_L

ClientSampleId :

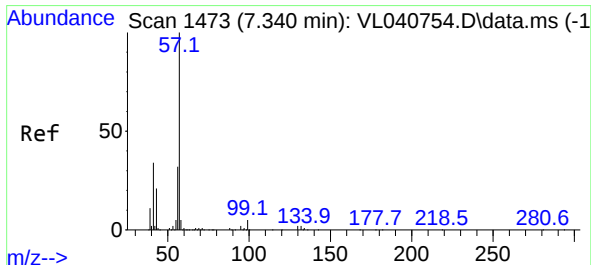
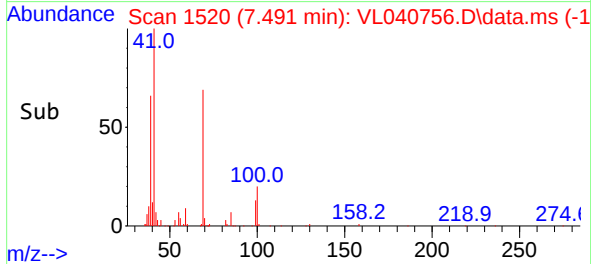
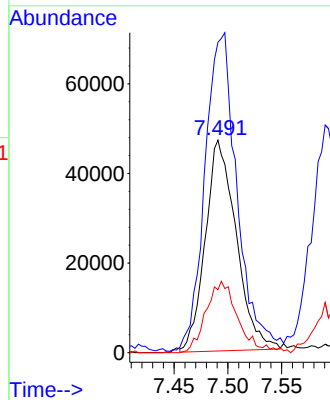
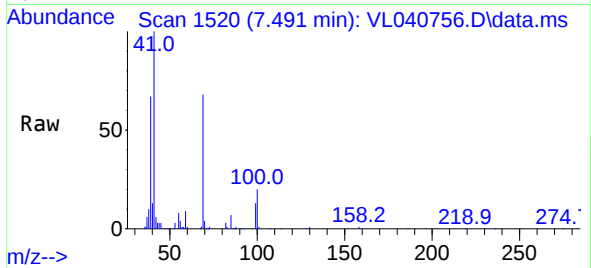
Tgt Ion: 69 Resp: 94226

Ion Ratio Lower Upper

69 100

41 157.5 120.6 181.0

100 34.9 27.1 40.7



#44

2,2,4-Trimethylpentane

Concen: 0.545 ppbv

RT: 7.346 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VL040756.D

Acq: 11 Oct 2023 13:18

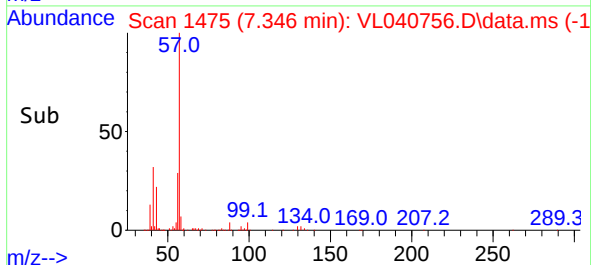
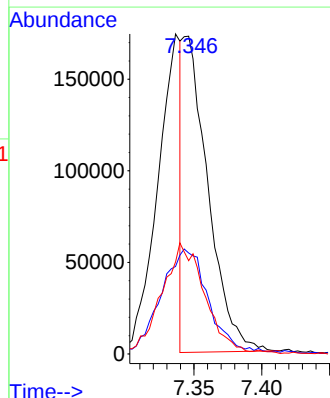
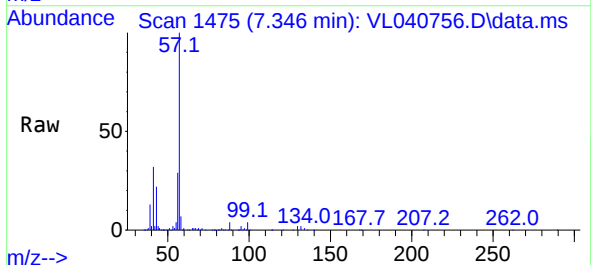
Tgt Ion: 57 Resp: 223363

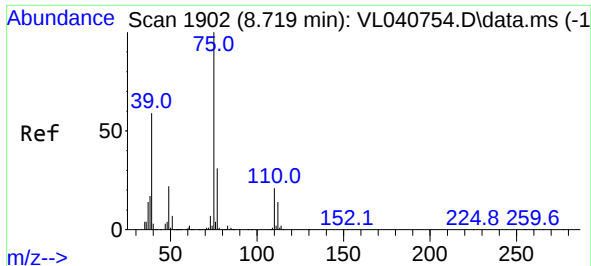
Ion Ratio Lower Upper

57 100

41 63.6 27.4 41.0#

56 61.2 25.0 37.6#

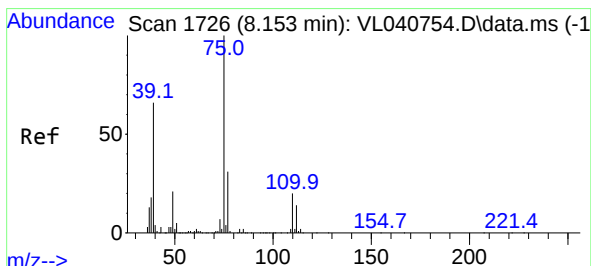
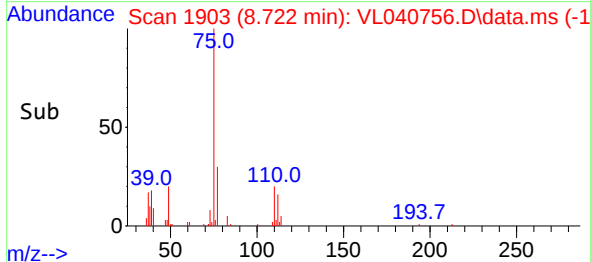
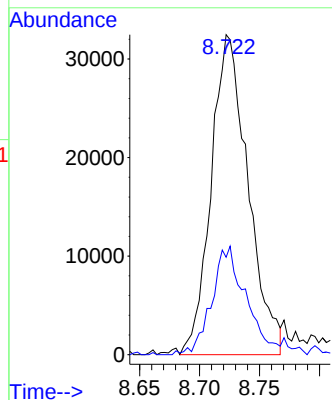
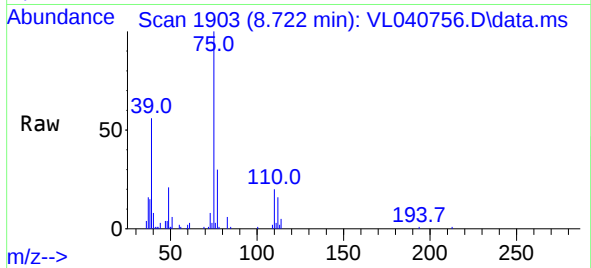




#45
t-1,3-Dichloropropene
Concen: 0.898 ppbv
RT: 8.722 min Scan# 1903
Delta R.T. 0.003 min
Lab File: VL040756.D
Acq: 11 Oct 2023 13:18

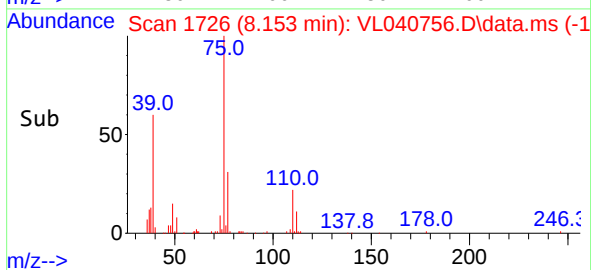
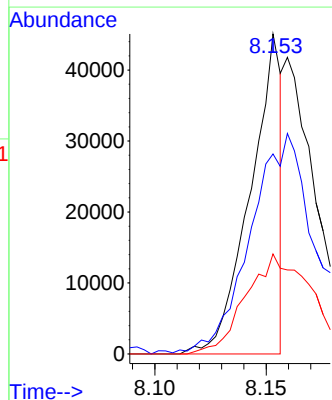
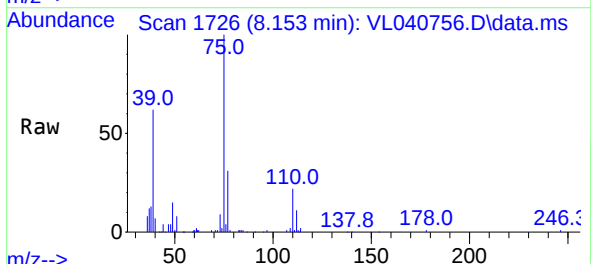
Instrument :
MSVOA_L
ClientSampleId :

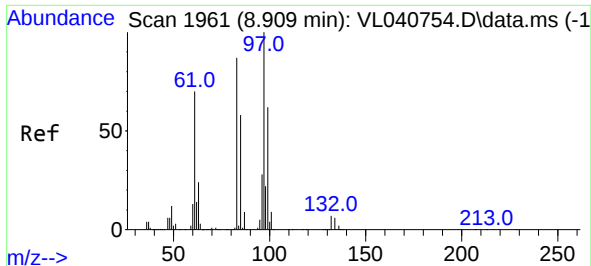
Tgt Ion: 75 Resp: 69471
Ion Ratio Lower Upper
75 100
77 30.5 24.9 37.3



#46
cis-1,3-Dichloropropene
Concen: 0.463 ppbv
RT: 8.153 min Scan# 1726
Delta R.T. 0.000 min
Lab File: VL040756.D
Acq: 11 Oct 2023 13:18

Tgt Ion: 75 Resp: 43758
Ion Ratio Lower Upper
75 100
39 61.3 52.4 78.6
77 31.2 25.1 37.7





#47

1,1,2-Trichloroethane

Concen: 1.008 ppbv

RT: 8.912 min Scan# 1961

Delta R.T. 0.003 min

Lab File: VL040756.D

Acq: 11 Oct 2023 13:18

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 97 Resp: 100228

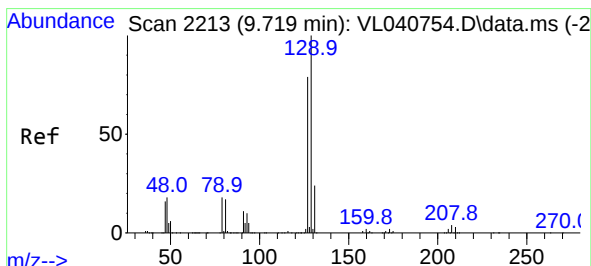
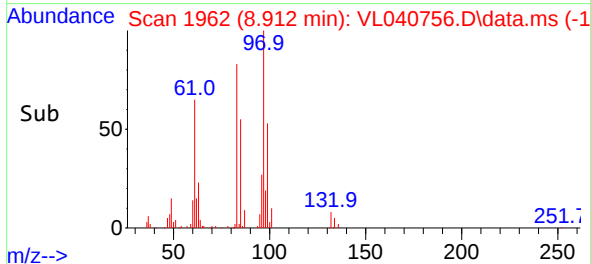
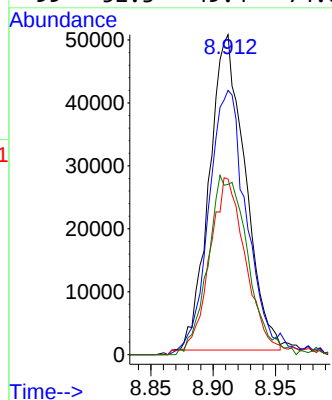
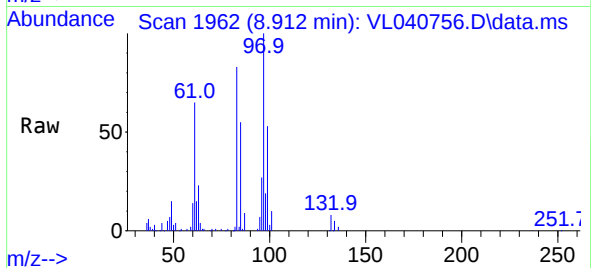
Ion Ratio Lower Upper

97 100

83 81.9 69.5 104.3

85 54.4 46.6 69.8

99 52.3 49.4 74.0



#48

Dibromochloromethane

Concen: 0.527 ppbv

RT: 9.719 min Scan# 2213

Delta R.T. 0.000 min

Lab File: VL040756.D

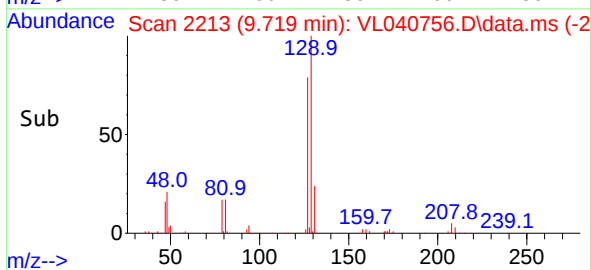
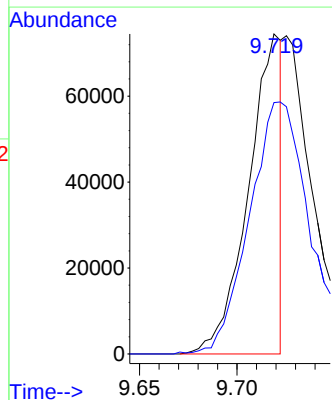
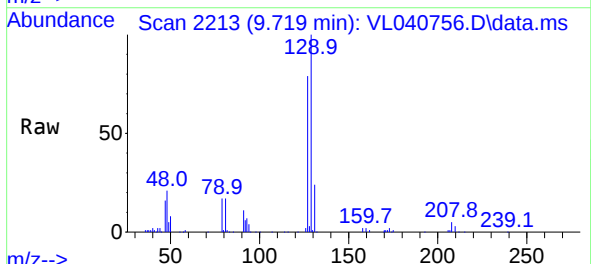
Acq: 11 Oct 2023 13:18

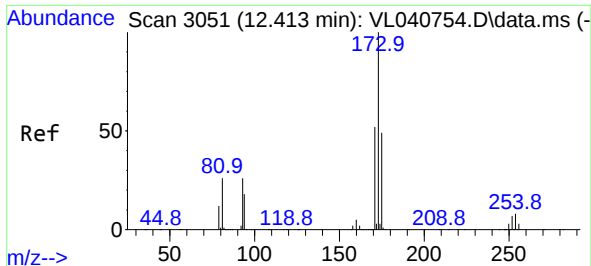
Tgt Ion: 129 Resp: 87864

Ion Ratio Lower Upper

129 100

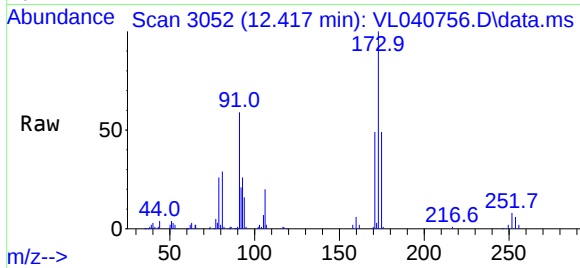
127 147.8 39.1 117.3#



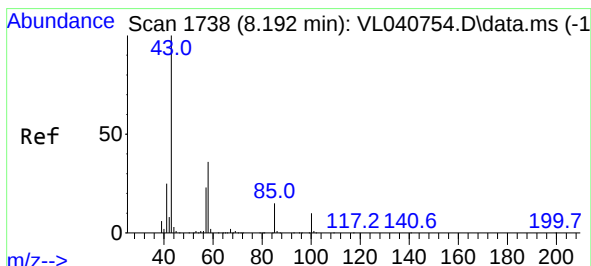
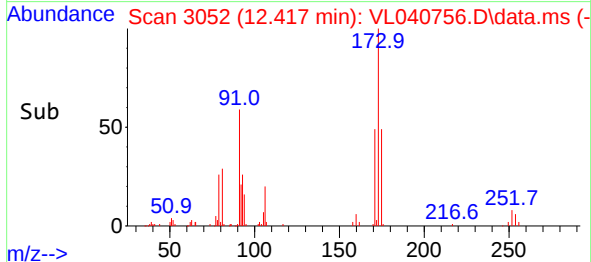
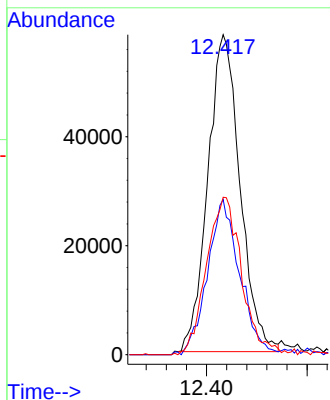


#49
Bromoform
Concen: 0.956 ppbv
RT: 12.417 min Scan# 3052
Delta R.T. 0.003 min
Lab File: VL040756.D
Acq: 11 Oct 2023 13:18

Instrument :
MSVOA_L
ClientSampleId :

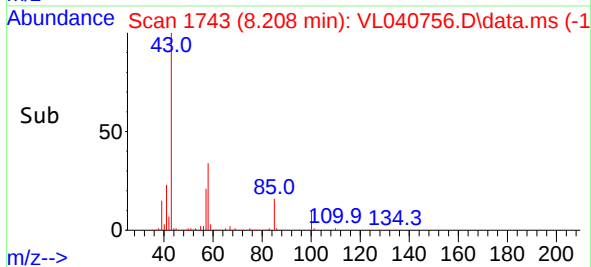
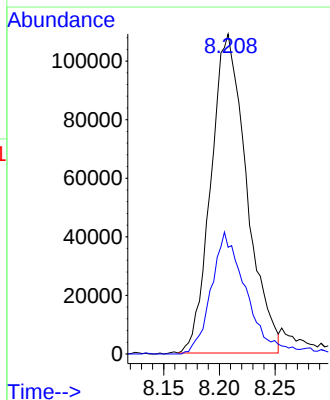
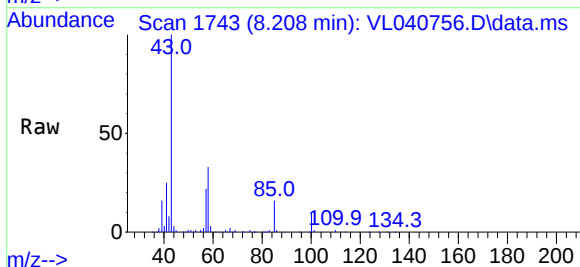


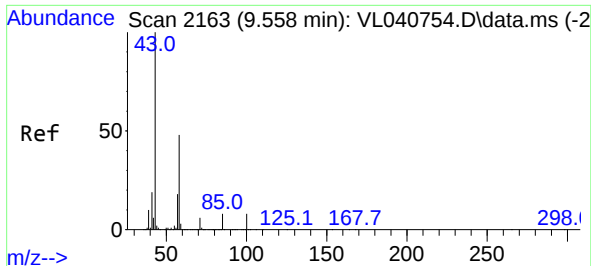
Tgt Ion:173 Resp: 129491
Ion Ratio Lower Upper
173 100
175 49.6 39.2 58.8
171 54.4 42.0 63.0



#50
4-Methyl-2-Pentanone
Concen: 0.996 ppbv
RT: 8.208 min Scan# 1743
Delta R.T. 0.016 min
Lab File: VL040756.D
Acq: 11 Oct 2023 13:18

Tgt Ion: 43 Resp: 242955
Ion Ratio Lower Upper
43 100
58 38.4 28.8 43.2

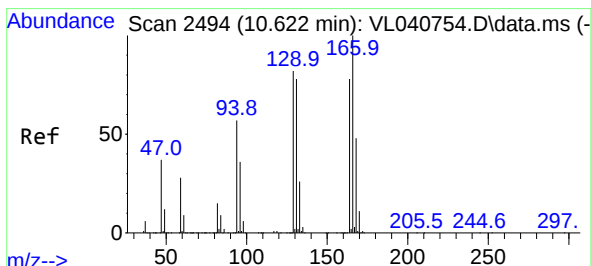
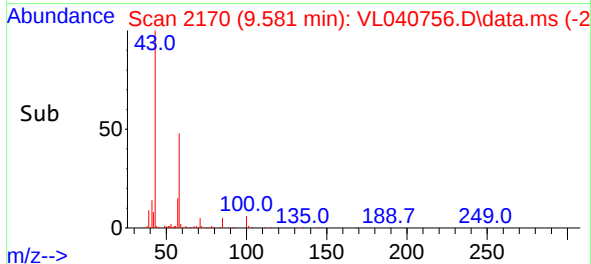
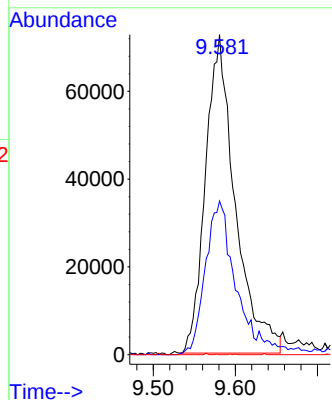
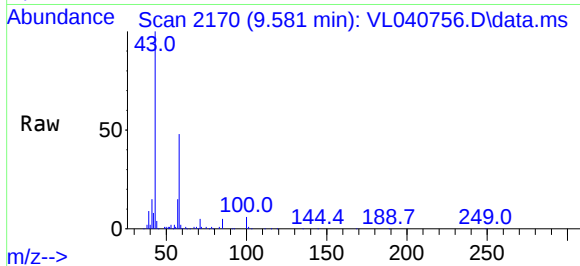




#51
2-Hexanone
Concen: 0.983 ppbv
RT: 9.581 min Scan# 2163
Delta R.T. 0.023 min
Lab File: VL040756.D
Acq: 11 Oct 2023 13:18

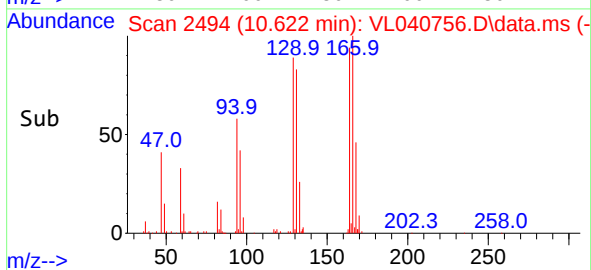
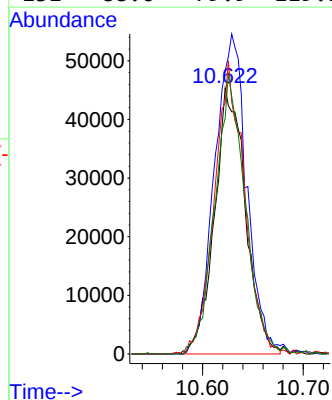
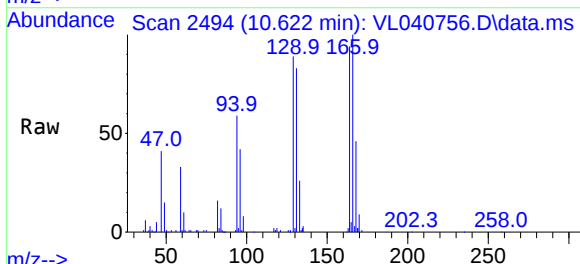
Instrument :
MSVOA_L
ClientSampleId :

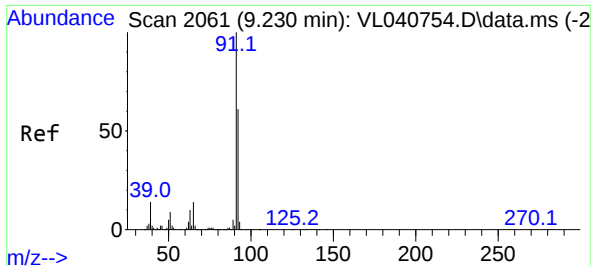
Tgt Ion: 43 Resp: 182540
Ion Ratio Lower Upper
43 100
58 50.8 38.6 58.0
98 0.1 0.0 0.0#



#52
Tetrachloroethene
Concen: 0.990 ppbv
RT: 10.622 min Scan# 2494
Delta R.T. 0.000 min
Lab File: VL040756.D
Acq: 11 Oct 2023 13:18

Tgt Ion:164 Resp: 97483
Ion Ratio Lower Upper
164 100
166 106.5 102.4 153.6
129 93.9 84.2 126.4
131 88.6 79.9 119.9

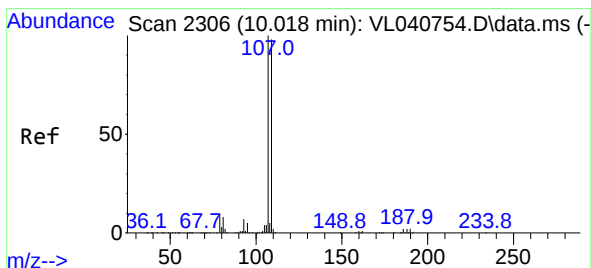
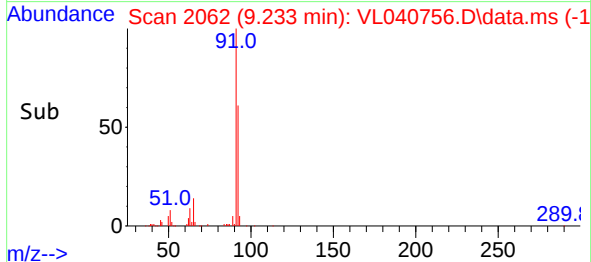
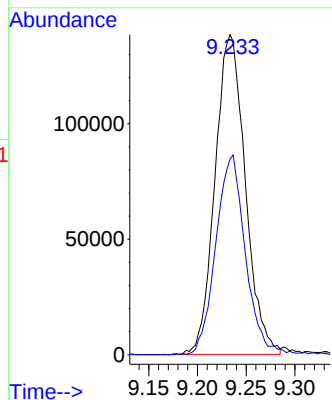
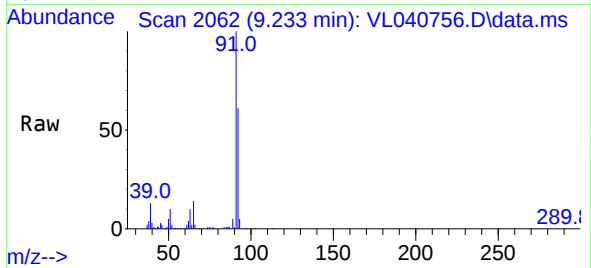




#53
Toluene
Concen: 1.036 ppbv
RT: 9.233 min Scan# 2062
Delta R.T. 0.003 min
Lab File: VL040756.D
Acq: 11 Oct 2023 13:18

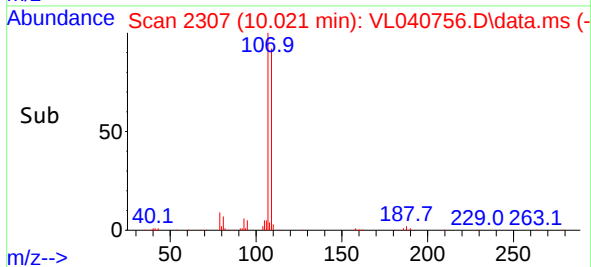
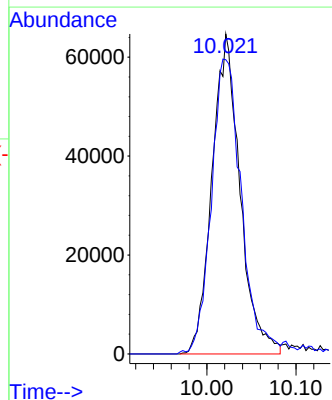
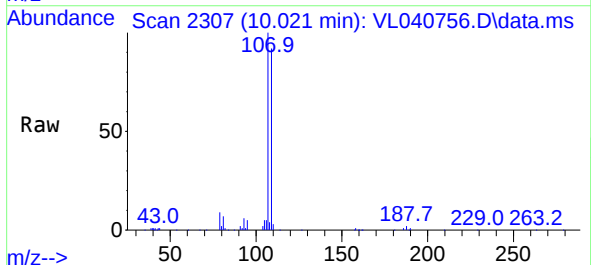
Instrument :
MSVOA_L
ClientSampleId :

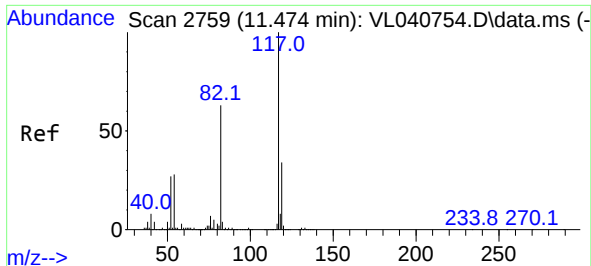
Tgt Ion: 91 Resp: 298781
Ion Ratio Lower Upper
91 100
92 61.3 50.2 75.2



#54
1,2-Dibromoethane
Concen: 1.012 ppbv
RT: 10.021 min Scan# 2307
Delta R.T. 0.003 min
Lab File: VL040756.D
Acq: 11 Oct 2023 13:18

Tgt Ion: 107 Resp: 141038
Ion Ratio Lower Upper
107 100
109 91.4 78.2 117.2

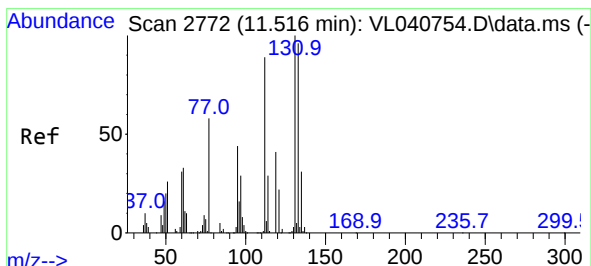
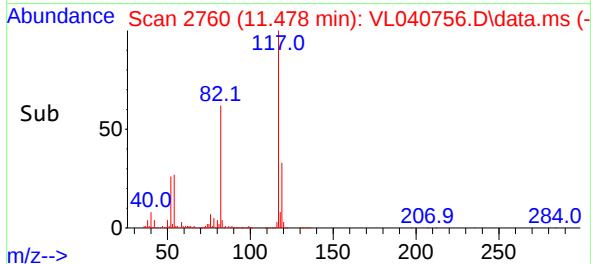
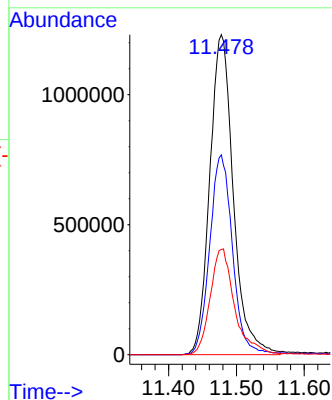
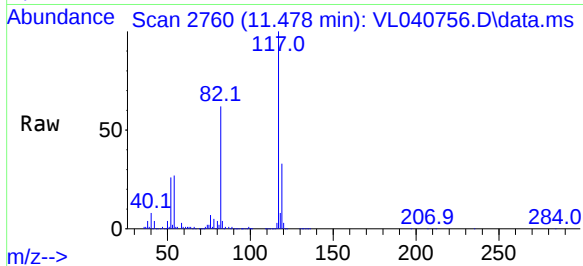




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.478 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL040756.D
Acq: 11 Oct 2023 13:18

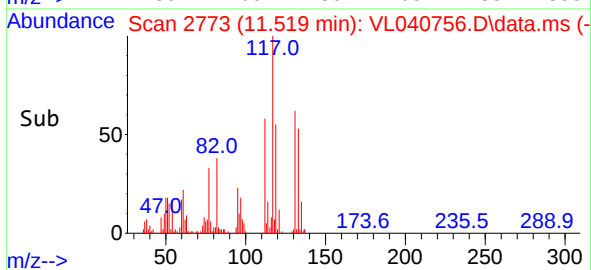
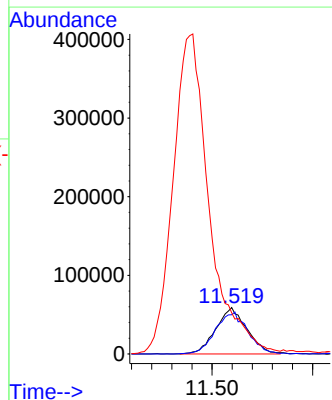
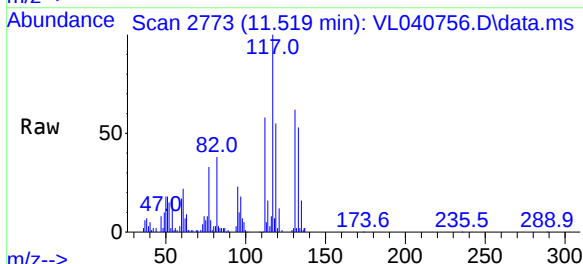
Instrument :
MSVOA_L
ClientSampleId :

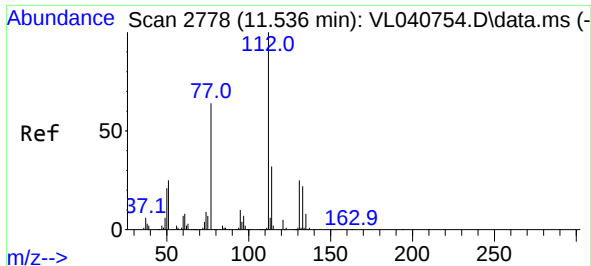
Tgt Ion:117 Resp: 2973872
Ion Ratio Lower Upper
117 100
82 60.7 46.6 70.0
119 34.5 26.0 39.0



#56
1,1,1,2-Tetrachloroethane
Concen: 1.040 ppbv
RT: 11.519 min Scan# 2773
Delta R.T. 0.003 min
Lab File: VL040756.D
Acq: 11 Oct 2023 13:18

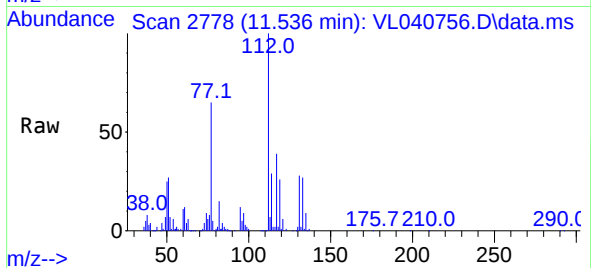
Tgt Ion:131 Resp: 126176
Ion Ratio Lower Upper
131 100
133 94.5 75.0 112.6
119 817.1 45.4 68.0#



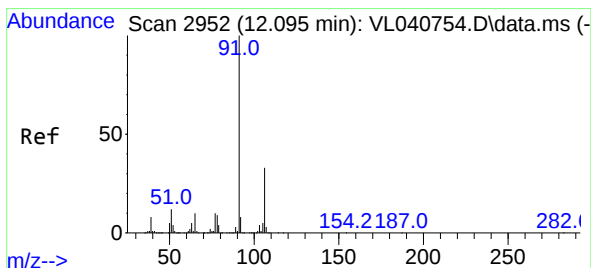
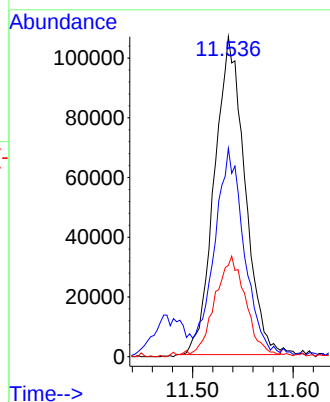
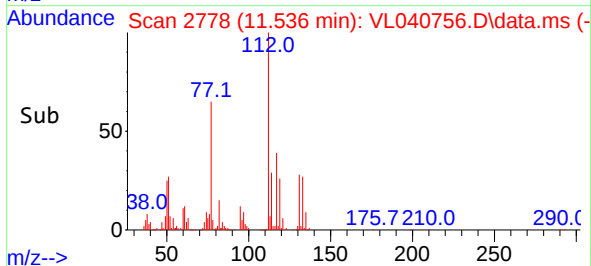


#57
Chlorobenzene
Concen: 1.051 ppbv
RT: 11.536 min Scan# 211
Delta R.T. 0.000 min
Lab File: VL040756.D
Acq: 11 Oct 2023 13:18

Instrument :
MSVOA_L
ClientSampleId :

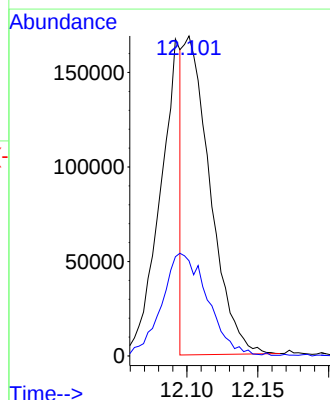
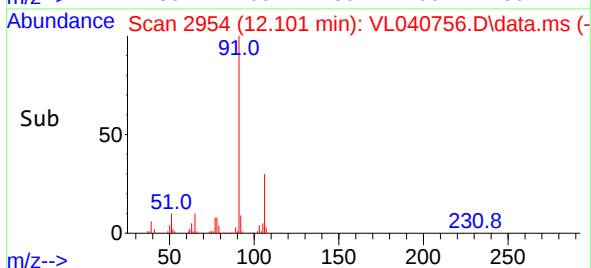
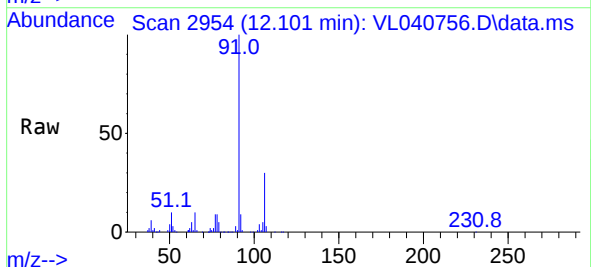


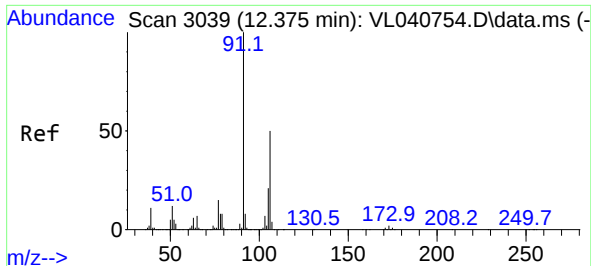
Tgt Ion:112 Resp: 223993
Ion Ratio Lower Upper
112 100
77 64.2 51.9 77.9
114 28.0 28.6 35.0#



#58
Ethyl Benzene
Concen: 0.596 ppbv
RT: 12.101 min Scan# 2954
Delta R.T. 0.006 min
Lab File: VL040756.D
Acq: 11 Oct 2023 13:18

Tgt Ion: 91 Resp: 223215
Ion Ratio Lower Upper
91 100
106 29.8 26.7 40.1





#59

m/p-Xylene

Concen: 1.088 ppbv

RT: 12.384 min Scan# 3039

Delta R.T. 0.010 min

Lab File: VL040756.D

Acq: 11 Oct 2023 13:18

Instrument :

MSVOA_L

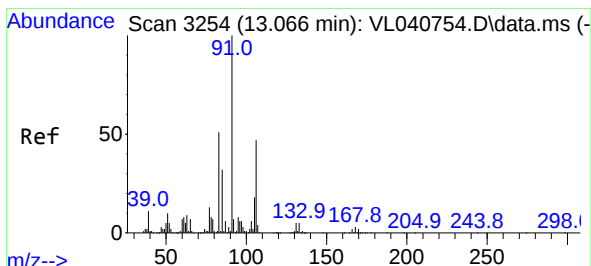
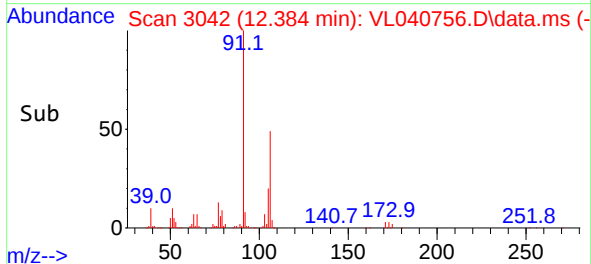
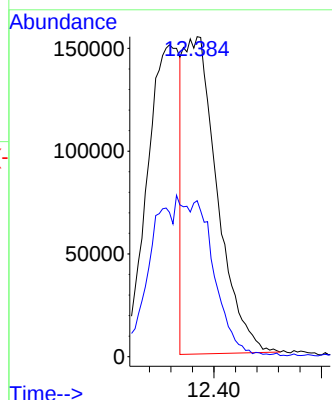
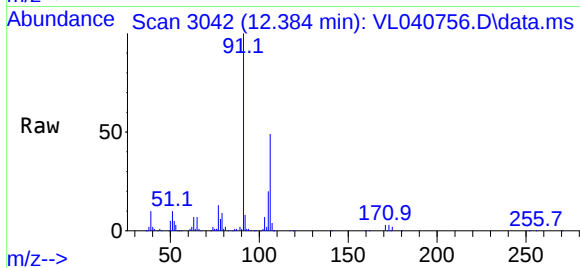
ClientSampleId :

Tgt Ion: 91 Resp: 335404

Ion Ratio Lower Upper

91 100

106 0.0 37.7 56.5#



#60

o-Xylene

Concen: 0.454 ppbv

RT: 13.072 min Scan# 3256

Delta R.T. 0.006 min

Lab File: VL040756.D

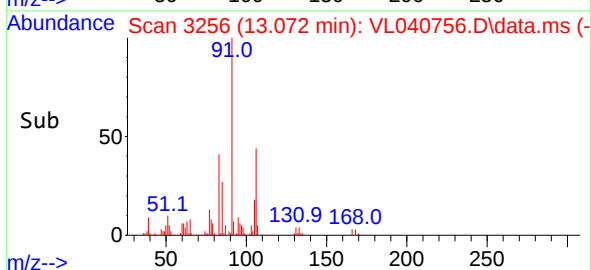
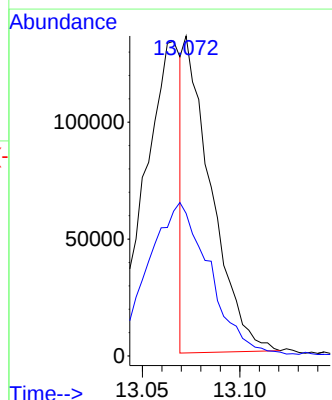
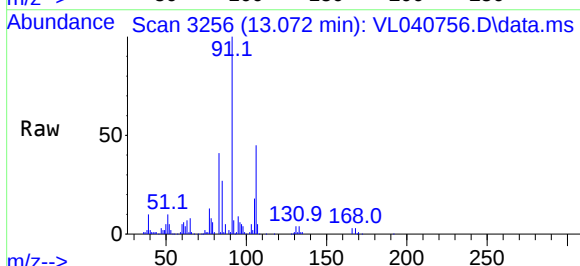
Acq: 11 Oct 2023 13:18

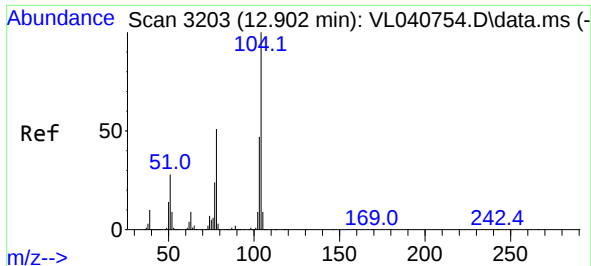
Tgt Ion: 91 Resp: 133409

Ion Ratio Lower Upper

91 100

106 112.4 23.5 70.5#

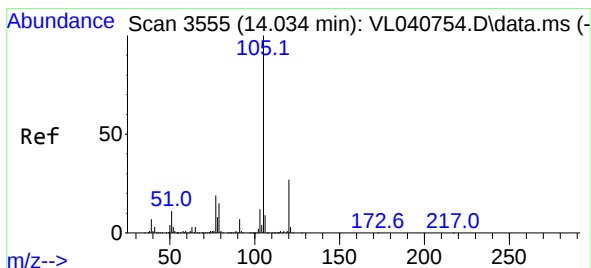
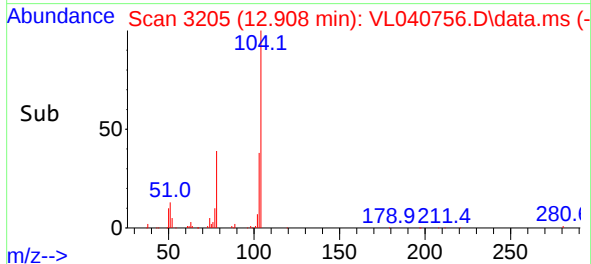
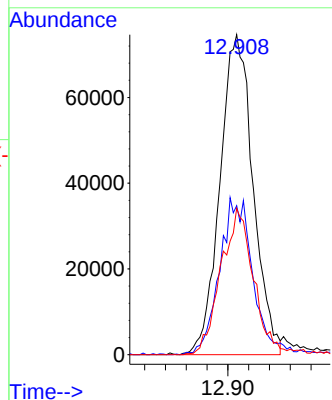
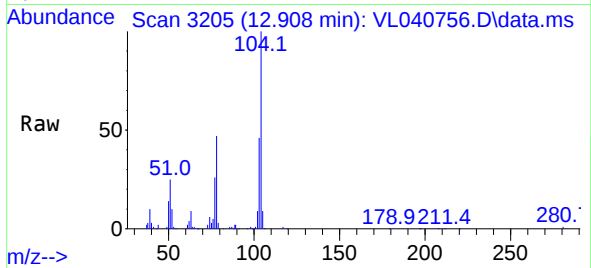




#61
Styrene
Concen: 1.014 ppbv
RT: 12.908 min Scan# 31
Delta R.T. 0.006 min
Lab File: VL040756.D
Acq: 11 Oct 2023 13:18

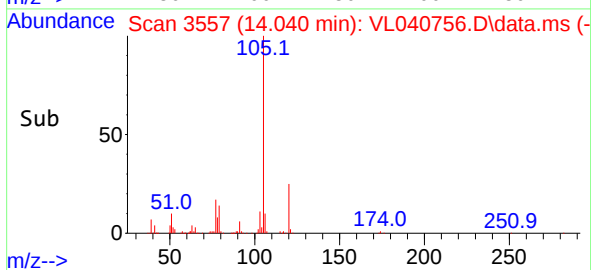
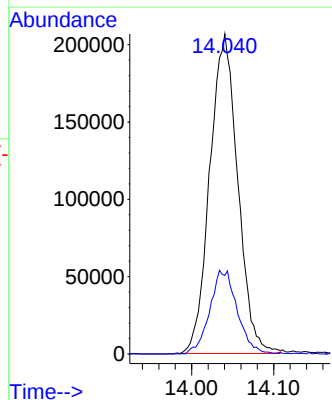
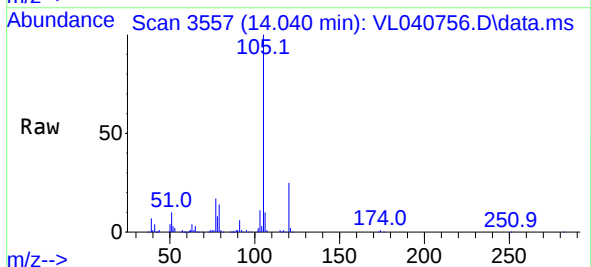
Instrument :
MSVOA_L
ClientSampleId :

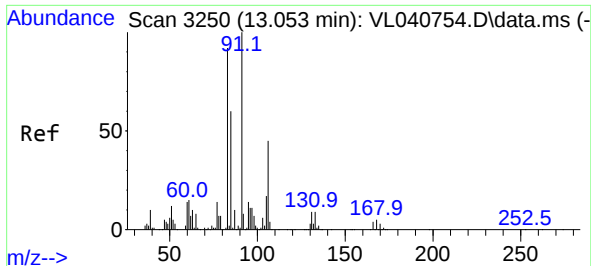
Tgt Ion:104 Resp: 164955
Ion Ratio Lower Upper
104 100
78 49.9 39.8 59.6
103 45.6 37.5 56.3



#62
Isopropylbenzene
Concen: 1.086 ppbv
RT: 14.040 min Scan# 3557
Delta R.T. 0.006 min
Lab File: VL040756.D
Acq: 11 Oct 2023 13:18

Tgt Ion:105 Resp: 490605
Ion Ratio Lower Upper
105 100
120 25.9 21.5 32.3

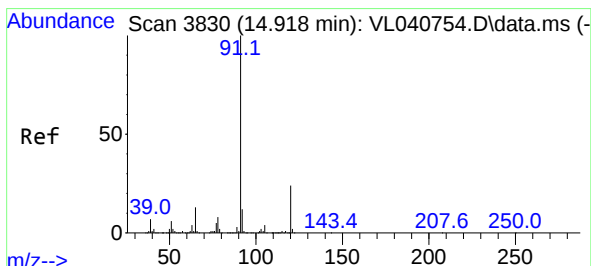
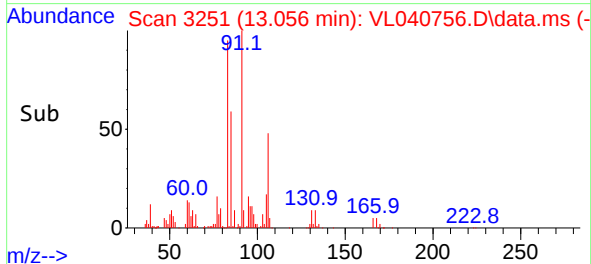
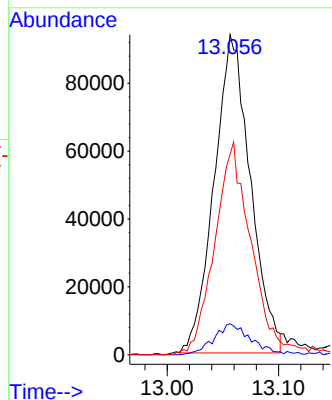
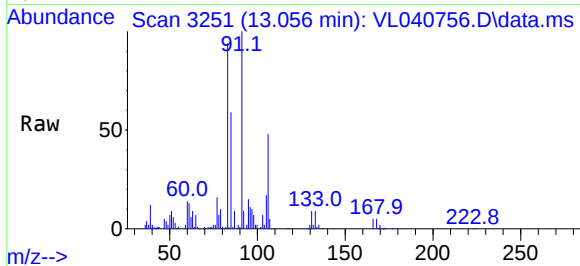




#63
1,1,2,2-Tetrachloroethane
Concen: 0.964 ppbv
RT: 13.056 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL040756.D
Acq: 11 Oct 2023 13:18

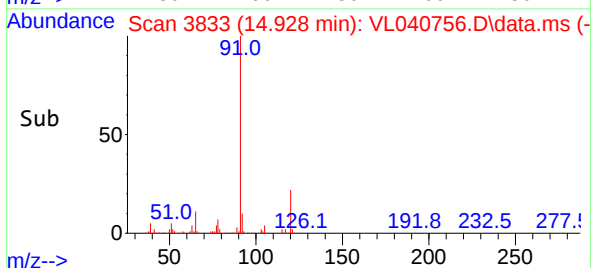
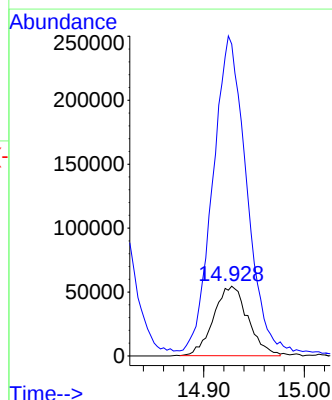
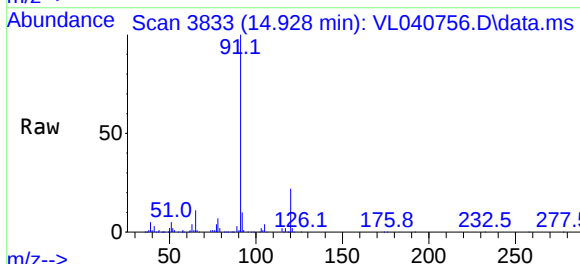
Instrument :
MSVOA_L
ClientSampleId :

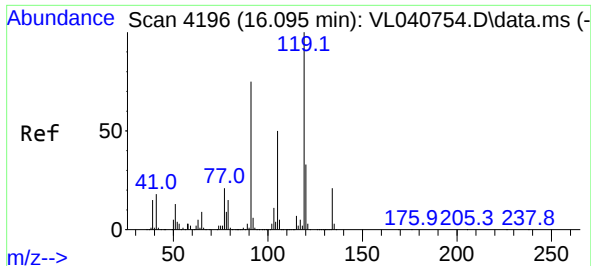
Tgt Ion: 83 Resp: 212188
Ion Ratio Lower Upper
83 100
131 10.3 4.9 14.6
85 68.4 32.9 98.7



#64
n-propylbenzene
Concen: 1.064 ppbv
RT: 14.928 min Scan# 3833
Delta R.T. 0.010 min
Lab File: VL040756.D
Acq: 11 Oct 2023 13:18

Tgt Ion:120 Resp: 129166
Ion Ratio Lower Upper
120 100
91 463.4 345.9 518.9

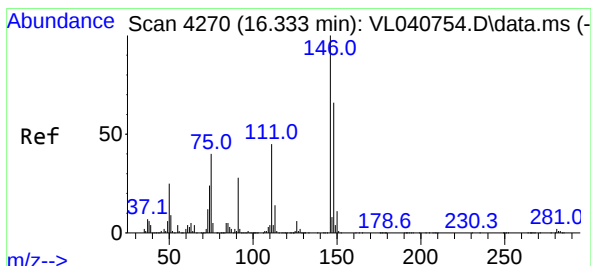
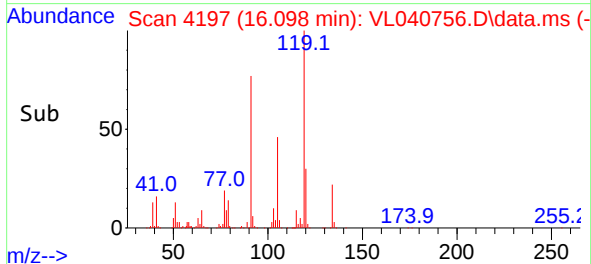
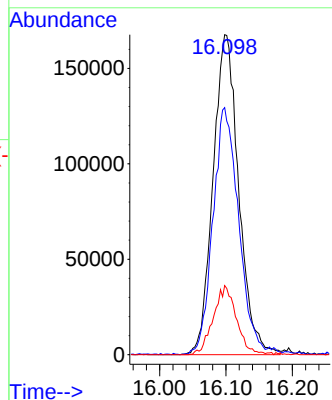
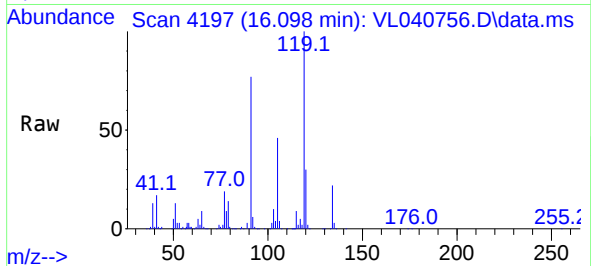




#65
tert-Butylbenzene
Concen: 1.107 ppbv
RT: 16.098 min Scan# 4196
Delta R.T. 0.003 min
Lab File: VL040756.D
Acq: 11 Oct 2023 13:18

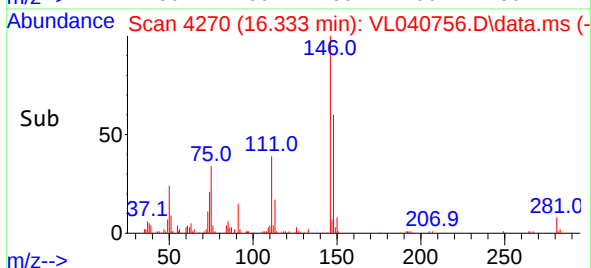
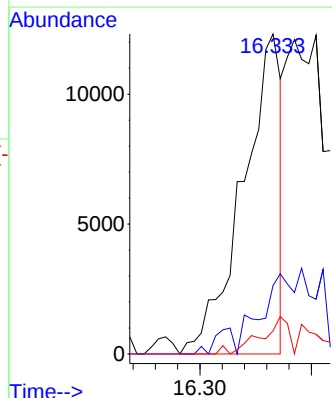
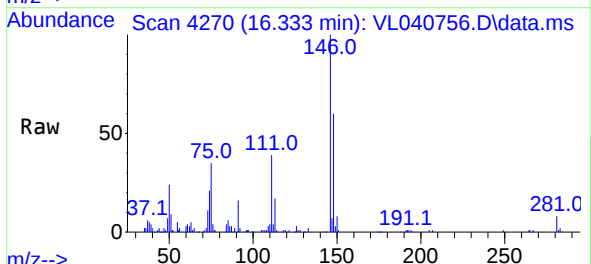
Instrument :
MSVOA_L
ClientSampleId :

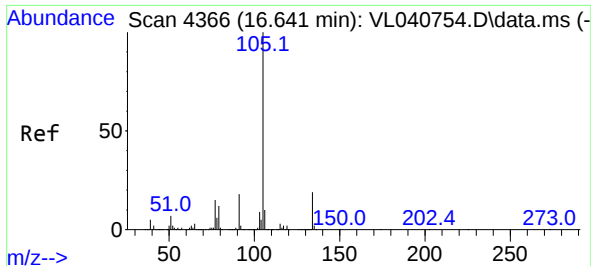
Tgt Ion:119 Resp: 451121
Ion Ratio Lower Upper
119 100
91 78.5 62.2 93.2
134 19.7 16.1 24.1



#66
Benzyl Chloride
Concen: 0.355 ppbv
RT: 16.333 min Scan# 4270
Delta R.T. 0.000 min
Lab File: VL040756.D
Acq: 11 Oct 2023 13:18

Tgt Ion: 91 Resp: 14581
Ion Ratio Lower Upper
91 100
126 0.0 16.1 24.1#
128 16.9 5.2 7.8#

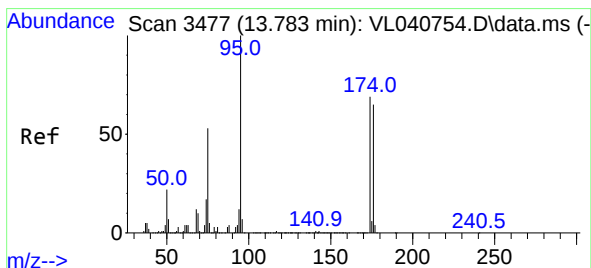
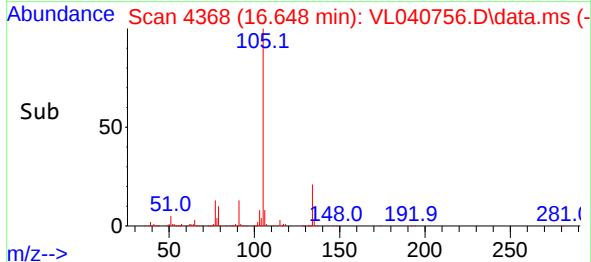
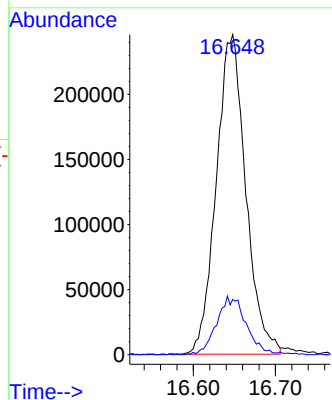
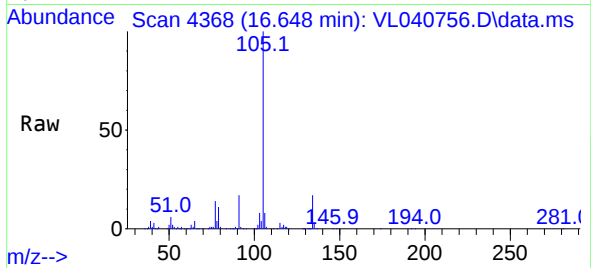




#67
 sec-Butylbenzene
 Concen: 1.101 ppbv
 RT: 16.648 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VL040756.D
 Acq: 11 Oct 2023 13:18

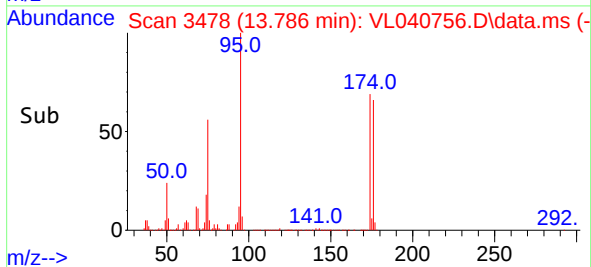
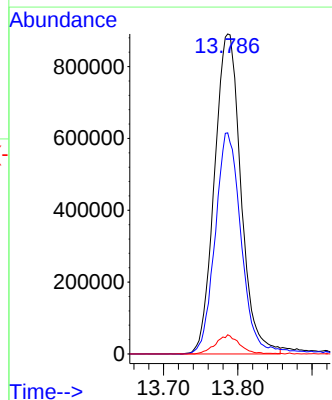
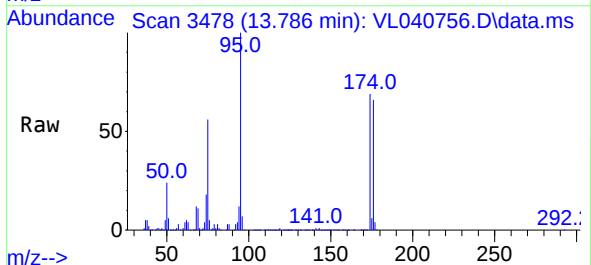
Instrument :
 MSVOA_L
 ClientSampleId :

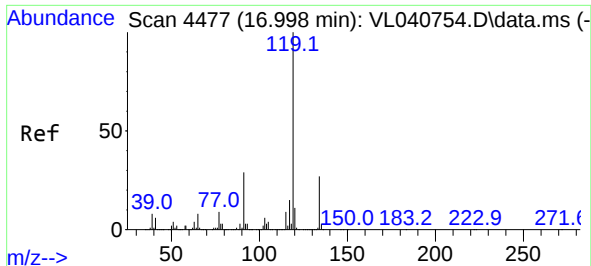
Tgt Ion:105 Resp: 614232
 Ion Ratio Lower Upper
 105 100
 134 18.5 15.4 23.2



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.087 ppbv
 RT: 13.786 min Scan# 3478
 Delta R.T. 0.003 min
 Lab File: VL040756.D
 Acq: 11 Oct 2023 13:18

Tgt Ion: 95 Resp: 2207296
 Ion Ratio Lower Upper
 95 100
 174 68.9 54.7 82.1
 175 5.5 4.2 6.4

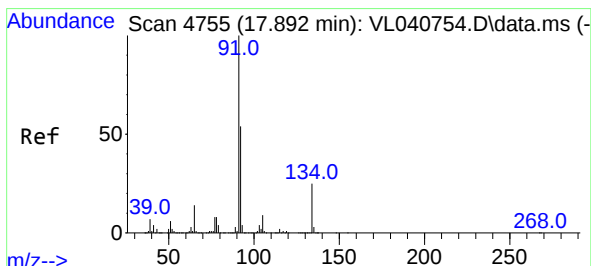
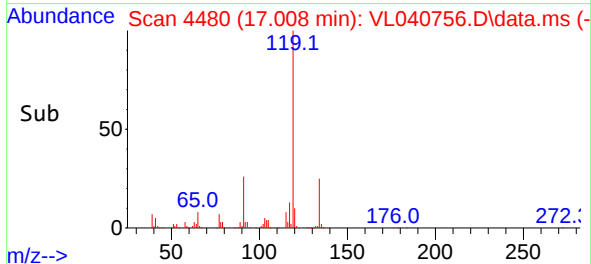
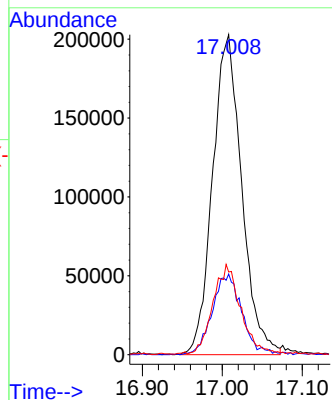
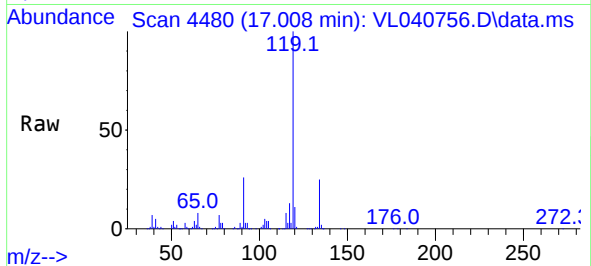




#69
p-Isopropyltoluene
Concen: 1.098 ppbv
RT: 17.008 min Scan# 4477
Delta R.T. 0.010 min
Lab File: VL040756.D
Acq: 11 Oct 2023 13:18

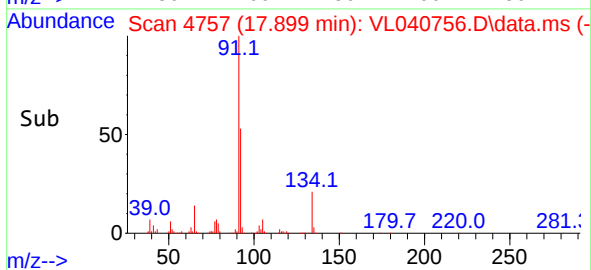
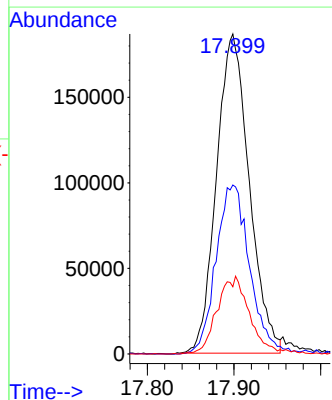
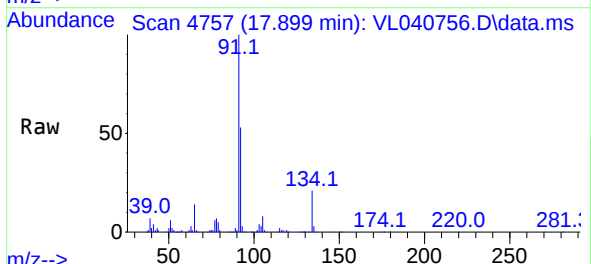
Instrument :
MSVOA_L
ClientSampleId :

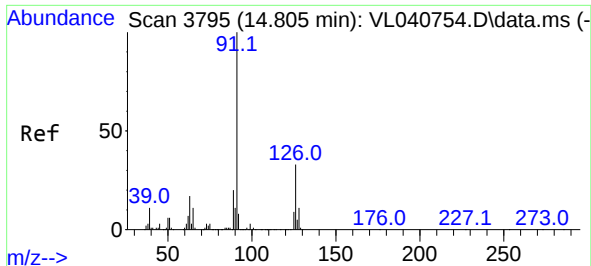
Tgt Ion:119 Resp: 513302
Ion Ratio Lower Upper
119 100
134 25.7 21.0 31.4
91 27.2 22.8 34.2



#70
n-Butylbenzene
Concen: 1.067 ppbv
RT: 17.899 min Scan# 4757
Delta R.T. 0.006 min
Lab File: VL040756.D
Acq: 11 Oct 2023 13:18

Tgt Ion: 91 Resp: 489705
Ion Ratio Lower Upper
91 100
92 54.6 44.1 66.1
134 24.4 19.5 29.3

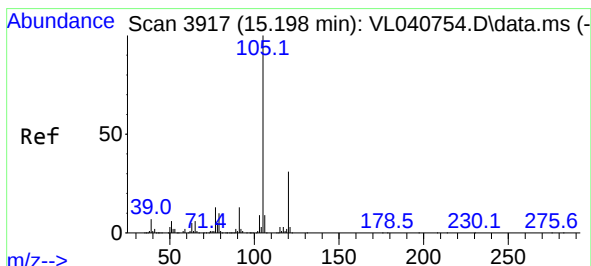
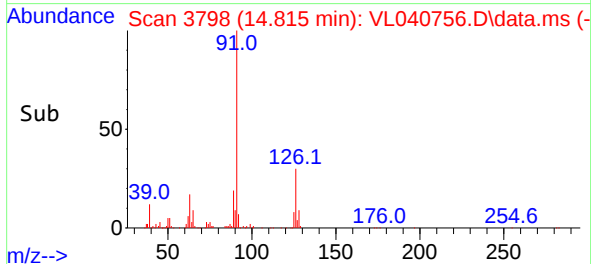
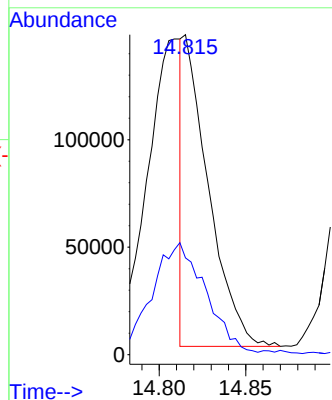
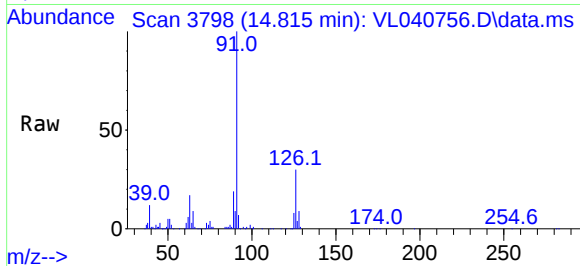




#71
2-Chlorotoluene
Concen: 0.434 ppbv
RT: 14.815 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL040756.D
Acq: 11 Oct 2023 13:18

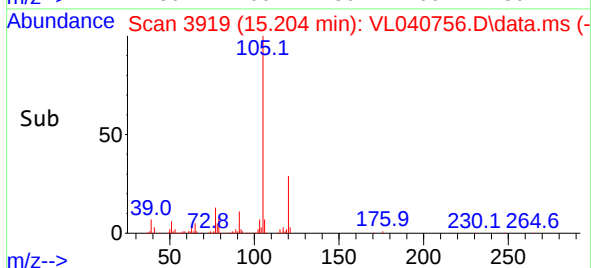
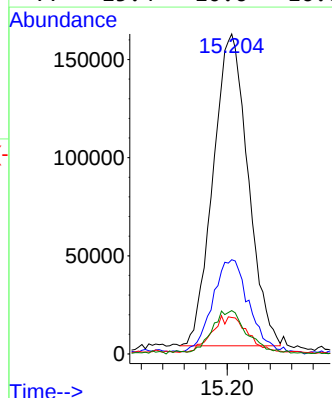
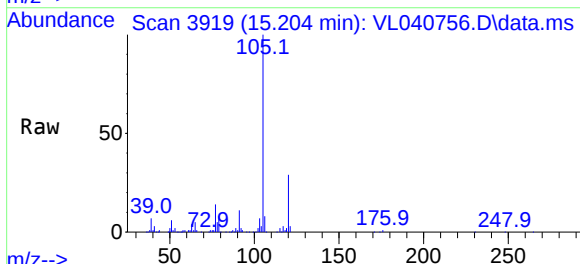
Instrument :
MSVOA_L
ClientSampleId :

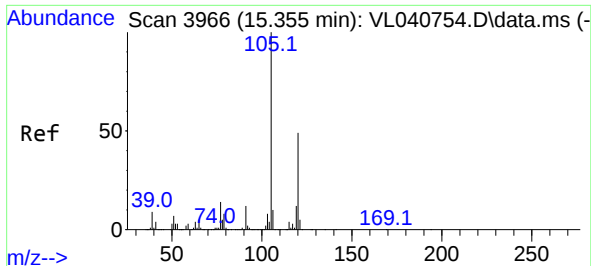
Tgt Ion: 91 Resp: 147274
Ion Ratio Lower Upper
91 100
126 81.3 13.3 53.1#



#72
4-Ethyltoluene
Concen: 1.040 ppbv
RT: 15.204 min Scan# 3919
Delta R.T. 0.006 min
Lab File: VL040756.D
Acq: 11 Oct 2023 13:18

Tgt Ion:105 Resp: 357589
Ion Ratio Lower Upper
105 100
120 32.9 25.0 37.4
91 13.1 9.8 14.8
77 15.4 10.6 16.0

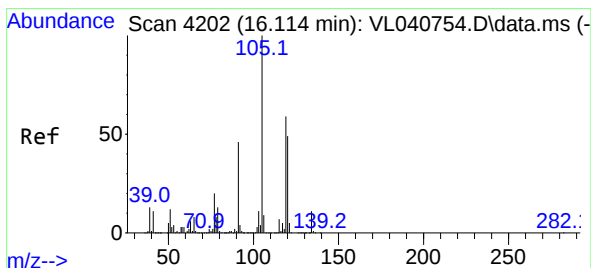
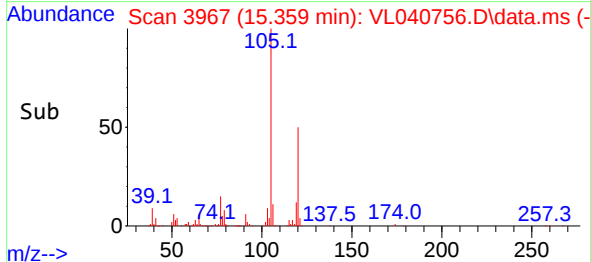
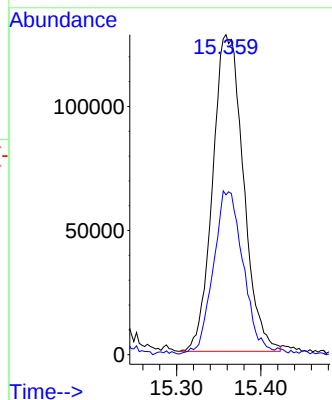
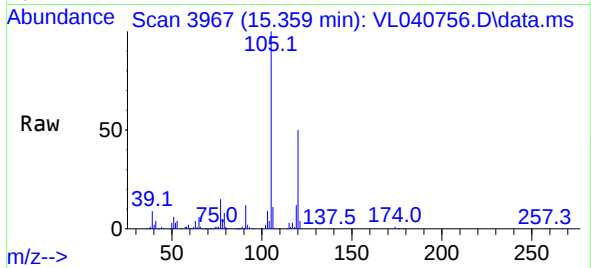




#73
1,3,5-Trimethylbenzene
Concen: 1.067 ppbv
RT: 15.359 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VL040756.D
Acq: 11 Oct 2023 13:18

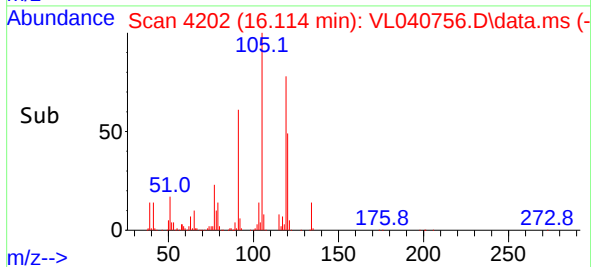
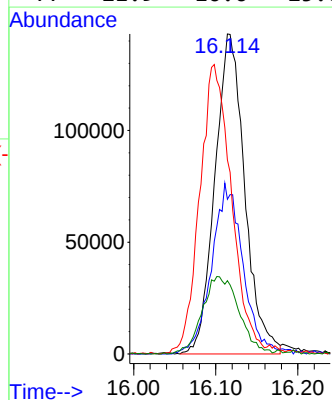
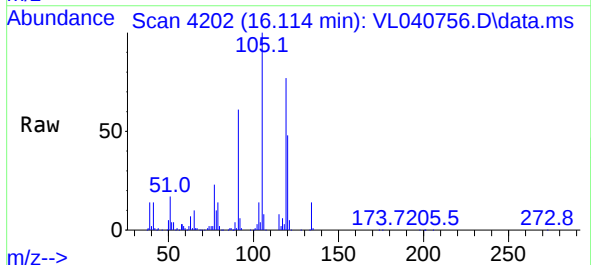
Instrument :
MSVOA_L
ClientSampleId :

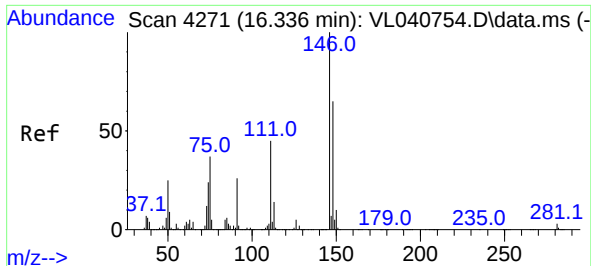
Tgt Ion:105 Resp: 322991
Ion Ratio Lower Upper
105 100
120 50.3 39.4 59.2



#74
1,2,4-Trimethylbenzene
Concen: 1.094 ppbv
RT: 16.114 min Scan# 4202
Delta R.T. 0.000 min
Lab File: VL040756.D
Acq: 11 Oct 2023 13:18

Tgt Ion:105 Resp: 361805
Ion Ratio Lower Upper
105 100
120 47.1 39.4 59.2
91 59.5 38.6 58.0#
77 21.9 16.6 25.0

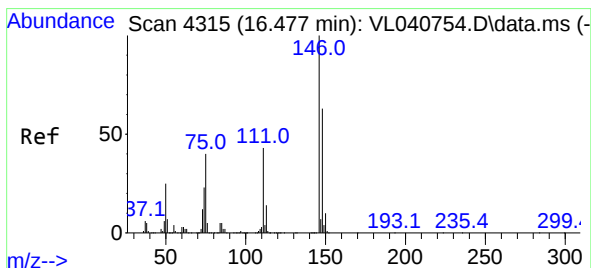
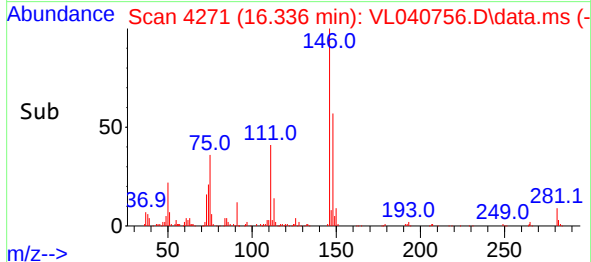
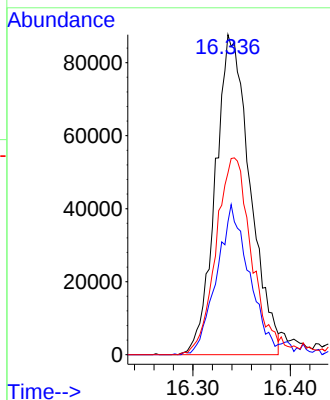
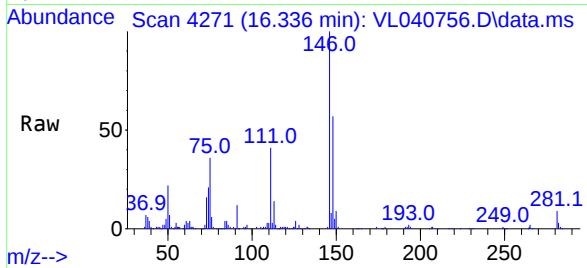




#75
1,3-Dichlorobenzene
Concen: 1.055 ppbv
RT: 16.336 min Scan# 4317
Delta R.T. 0.000 min
Lab File: VL040756.D
Acq: 11 Oct 2023 13:18

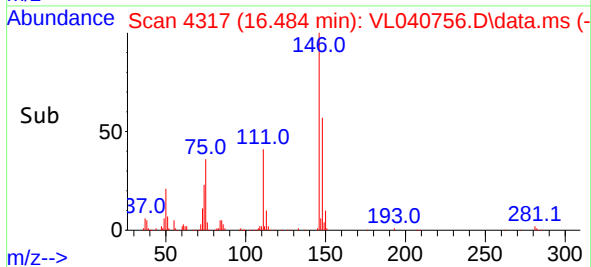
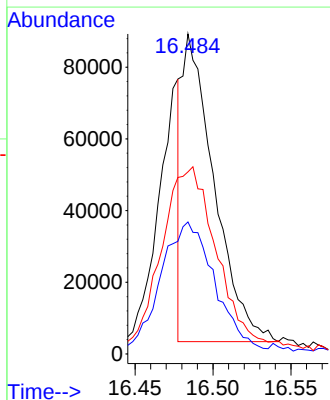
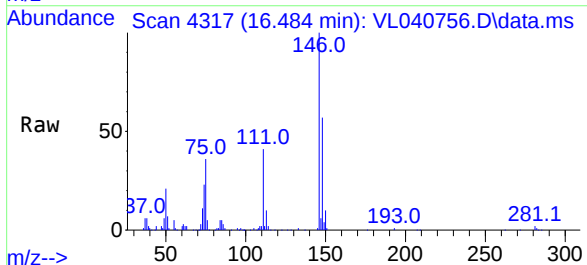
Instrument :
MSVOA_L
ClientSampleId :

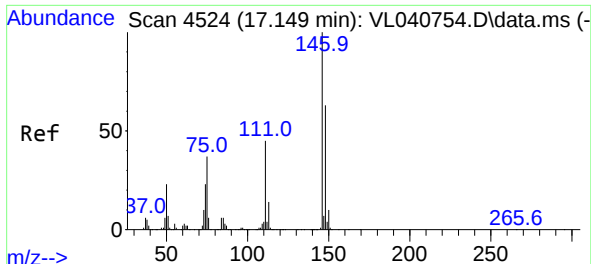
Tgt Ion:146 Resp: 216939
Ion Ratio Lower Upper
146 100
111 46.1 22.6 67.7
148 64.1 32.4 97.0



#76
1,4-Dichlorobenzene
Concen: 0.599 ppbv
RT: 16.484 min Scan# 4317
Delta R.T. 0.006 min
Lab File: VL040756.D
Acq: 11 Oct 2023 13:18

Tgt Ion:146 Resp: 122088
Ion Ratio Lower Upper
146 100
111 76.7 22.0 66.0#
148 113.5 33.4 100.1#

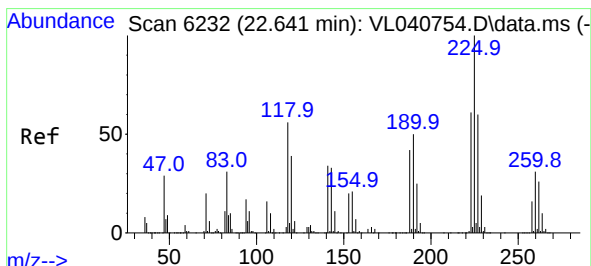
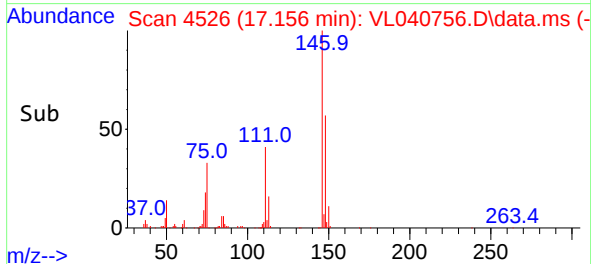
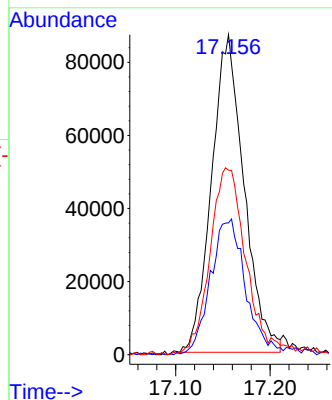
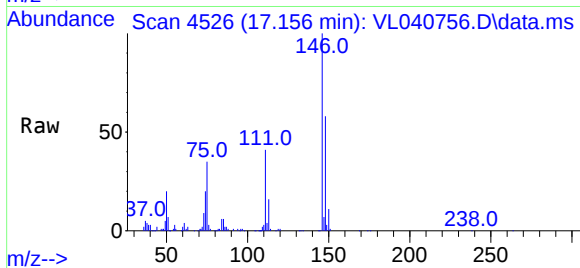




#77
1,2-Dichlorobenzene
Concen: 1.027 ppbv
RT: 17.156 min Scan# 41
Delta R.T. 0.006 min
Lab File: VL040756.D
Acq: 11 Oct 2023 13:18

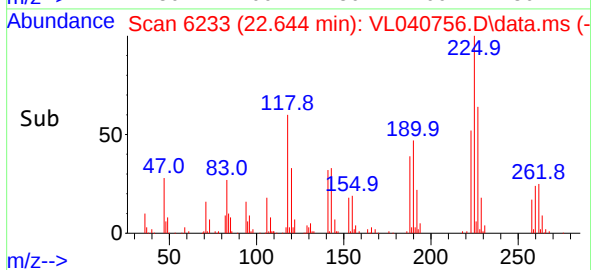
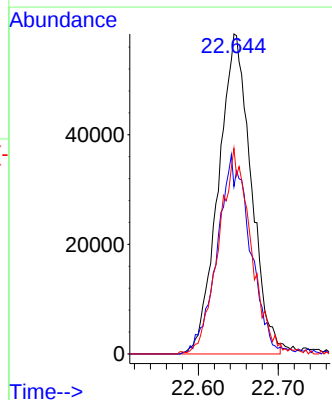
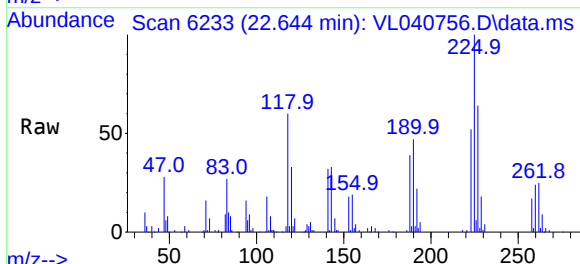
Instrument :
MSVOA_L
ClientSampleId :

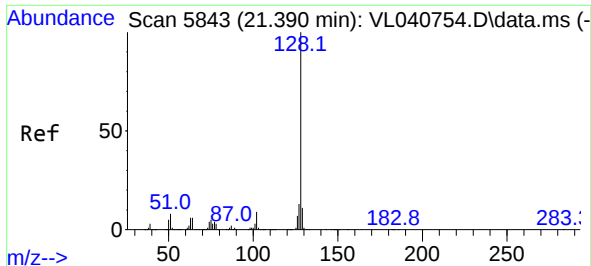
Tgt Ion:146 Resp: 207258
Ion Ratio Lower Upper
146 100
111 47.8 22.9 68.8
148 67.0 32.3 96.8



#78
Hexachloro-1,3-Butadiene
Concen: 1.149 ppbv
RT: 22.644 min Scan# 6233
Delta R.T. 0.003 min
Lab File: VL040756.D
Acq: 11 Oct 2023 13:18

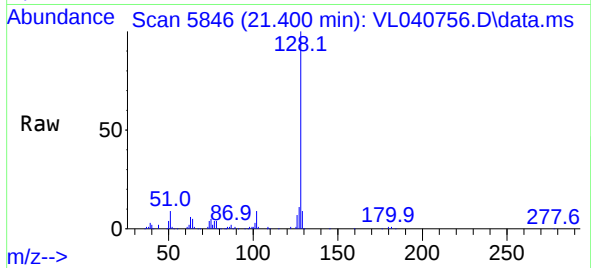
Tgt Ion:225 Resp: 165894
Ion Ratio Lower Upper
225 100
223 64.2 50.7 76.1
227 64.1 51.4 77.0



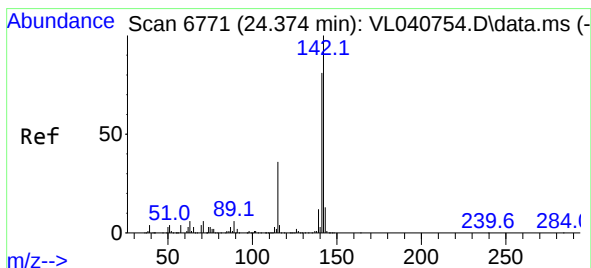
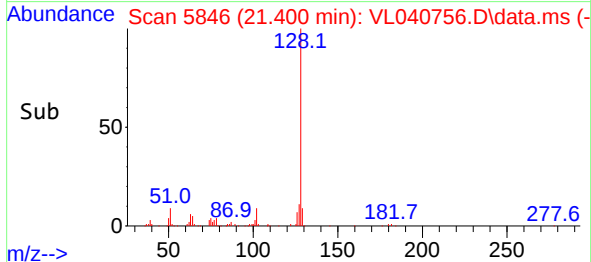
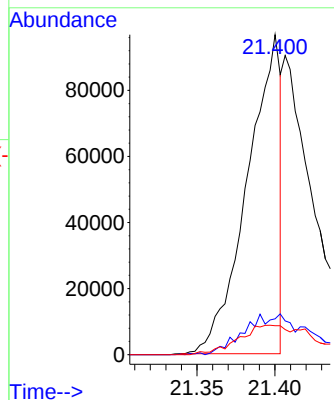


#79
Naphthalene
Concen: 0.531 ppbv
RT: 21.400 min Scan# 5846
Delta R.T. 0.010 min
Lab File: VL040756.D
Acq: 11 Oct 2023 13:18

Instrument :
MSVOA_L
ClientSampleId :

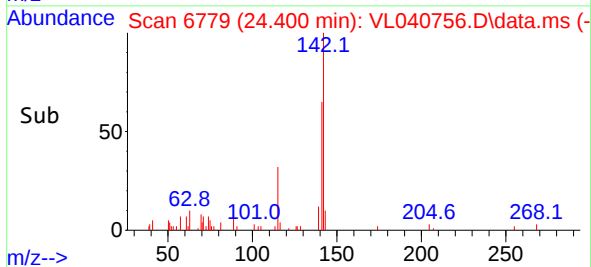
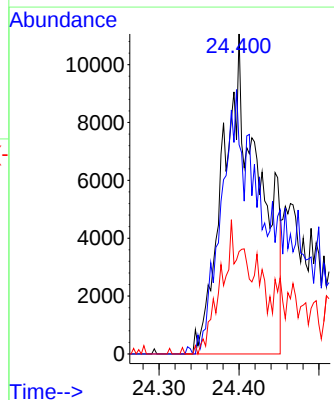
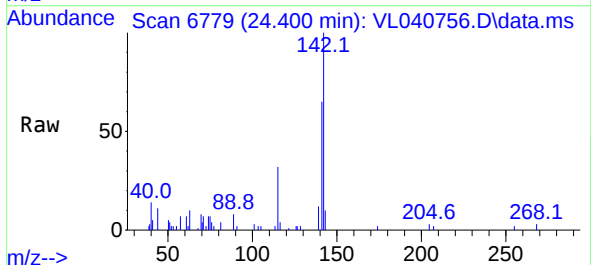


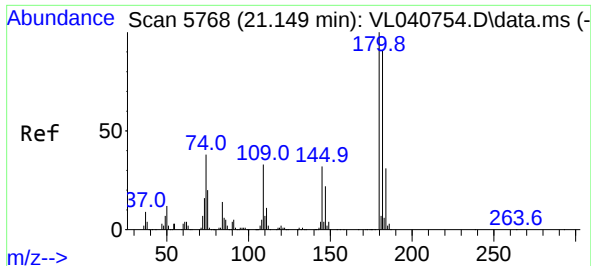
Tgt Ion:128 Resp: 142700
Ion Ratio Lower Upper
128 100
127 11.1 10.6 15.8
129 9.1 9.0 13.4



#80
Naphthalene,2-methyl-
Concen: 0.465 ppbv
RT: 24.400 min Scan# 6779
Delta R.T. 0.026 min
Lab File: VL040756.D
Acq: 11 Oct 2023 13:18

Tgt Ion:142 Resp: 35097
Ion Ratio Lower Upper
142 100
141 73.7 66.3 99.5
115 38.0 30.0 45.0





#81

1,2,4-Trichlorobenzene

Concen: 0.987 ppbv

RT: 21.153 min Scan# 51

Delta R.T. 0.003 min

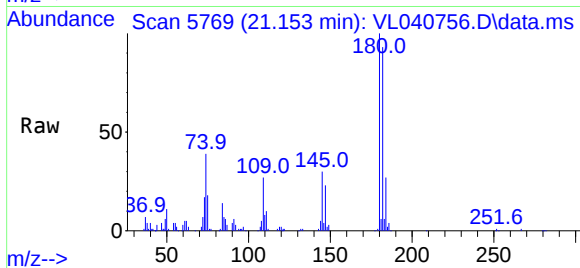
Lab File: VL040756.D

Acq: 11 Oct 2023 13:18

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:180 Resp: 144141

Ion Ratio Lower Upper

180 100

182 97.4 77.9 116.9

184 32.0 25.0 37.6

