

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111323\
 Data File : VL040836.D
 Acq On : 13 Nov 2023 11:25
 Operator : SY/MD
 Sample : VSTDICC002
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC002

Quant Time: Nov 22 00:30:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111323AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Nov 20 03:50:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.176	49	1209946	10.000	ppbv	-0.04
33) 1,4-Difluorobenzene	6.632	114	3102623	10.000	ppbv	-0.03
55) Chlorobenzene-d5	11.439	117	2926579	10.000	ppbv	#-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.751	95	2231721	9.740	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.732	85	507979	2.071	ppbv	100
3) Chlorodifluoromethane	2.677	51	400240	2.072	ppbv	99
4) Chloromethane	2.857	50	53757	0.774	ppbv #	47
5) Vinyl Chloride	2.919	62	148930	2.156	ppbv	96
6) Bromomethane	3.121	94	55789	2.115	ppbv	99
7) Chloroethane	3.192	64	50727	2.120	ppbv	93
8) Dichlorotetrafluoroethane	2.857	85	372285	2.102	ppbv	99
9) Propene	2.697	41	137441	2.111	ppbv	97
10) Heptane	7.558	43	335084	2.092	ppbv	100
11) Trichlorofluoromethane	3.555	101	390128	2.070	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.057	101	272105	2.032	ppbv	98
13) Ethanol	3.253	45	23845	1.886	ppbv #	100
14) Bromoethene	3.365	108	106782	1.983	ppbv #	90
15) Acetone	3.468	43	264805	2.055	ppbv	98
16) 1,3-Butadiene	3.012	39	4361	0.067	ppbv #	11
17) tert-Butyl alcohol	3.873	59	216097	1.961	ppbv	99
18) 1,1-Dichloroethene	3.873	96	120560	2.020	ppbv	93
19) Isopropyl Alcohol	3.578	45	148022	1.909	ppbv #	93
20) Methylene Chloride	3.925	84	105941	1.992	ppbv	96
21) Allyl Chloride	3.989	41	175657	2.130	ppbv	99
22) trans-1,2-Dichloroethene	4.436	96	148357	2.190	ppbv	94
23) Vinyl Acetate	4.616	43	361512	2.173	ppbv #	98
24) 1,1-Dichloroethane	4.552	63	326497	2.201	ppbv	99
25) Ethyl Acetate	5.195	43	569933	2.136	ppbv	100
26) Hexane	5.198	57	250222	2.119	ppbv	97
27) Carbon Disulfide	4.118	76	305648	2.041	ppbv	98
28) Methyl tert-Butyl Ether	4.581	73	234338	2.194	ppbv	100
29) Chloroform	5.259	83	416683	2.082	ppbv	99
30) Cyclohexane	6.584	84	208317	2.051	ppbv	96
31) cis-1,2-Dichloroethene	5.063	61	254623	2.179	ppbv	98
32) 1,1,1-Trichloroethane	5.986	97	405570	2.172	ppbv	99
34) 2-Butanone	4.777	43	348153	2.203	ppbv	97
35) Carbon Tetrachloride	6.475	117	424974	2.232	ppbv	98
36) Benzene	6.352	78	540228	2.145	ppbv	98
37) 1,2-Dichloroethane	5.787	62	308424	2.077	ppbv	100
38) Trichloroethene	7.266	130	92178	0.942	ppbv	89
39) 1,2-Dichloropropane	7.053	63	211078	2.114	ppbv	96
40) 1,4-Dioxane	7.269	88	22025	0.556	ppbv #	1
41) Tetrahydrofuran	5.549	42	202110	2.077	ppbv	97
42) Bromodichloromethane	7.227	83	450844	2.121	ppbv	95
43) Methyl Methacrylate	7.455	69	212435	2.214	ppbv	99
44) 2,2,4-Trimethylpentane	7.304	57	908602	2.172	ppbv	100
45) t-1,3-Dichloropropene	8.684	75	101083	1.793	ppbv	94

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

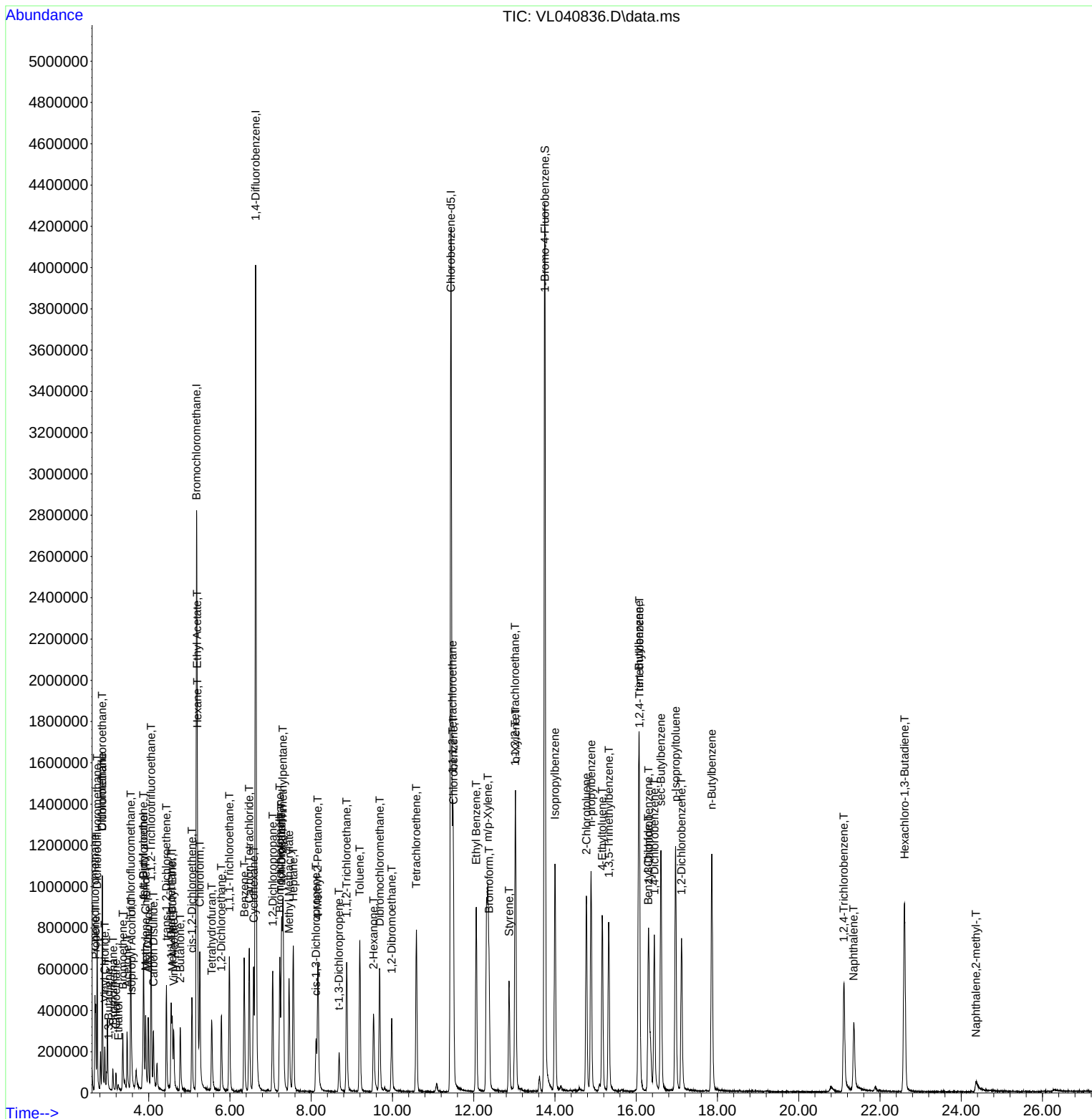
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC002

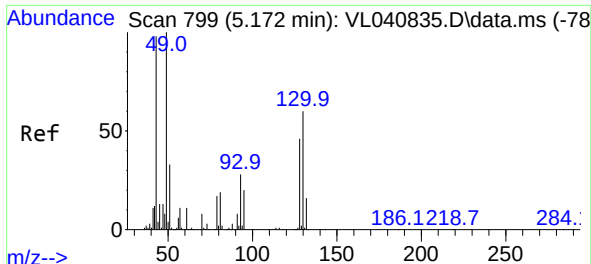
Quant Time: Nov 22 00:30:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111323AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Nov 20 03:50:24 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.118	75	146668	2.006	ppbv	99
47) 1,1,2-Trichloroethane	8.873	97	217510	2.079	ppbv	92
48) Dibromochloromethane	9.687	129	367850	2.119	ppbv	99
49) Bromoform	12.378	173	282315	2.162	ppbv	99
50) 4-Methyl-2-Pentanone	8.163	43	530813	2.170	ppbv	99
51) 2-Hexanone	9.532	43	373392	2.166	ppbv #	98
52) Tetrachloroethene	10.587	164	183317	2.162	ppbv	92
53) Toluene	9.195	91	593693	2.143	ppbv	99
54) 1,2-Dibromoethane	9.983	107	288890	2.146	ppbv	92
56) 1,1,1,2-Tetrachloroethane	11.478	131	271052	2.164	ppbv #	1
57) Chlorobenzene	11.500	112	466032	2.148	ppbv	98
58) Ethyl Benzene	12.060	91	822118	2.153	ppbv	99
59) m/p-Xylene	12.346	91	617078	1.898	ppbv #	17
60) o-Xylene	13.031	91	670918	2.167	ppbv	98
61) Styrene	12.870	104	319190	2.138	ppbv	98
62) Isopropylbenzene	14.002	105	986887	2.158	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.021	83	480207	2.189	ppbv	99
64) n-propylbenzene	14.889	120	146528	1.278	ppbv #	1
65) tert-Butylbenzene	16.066	119	861992	2.235	ppbv	98
66) Benzyl Chloride	16.294	91	9086	0.639	ppbv #	62
67) sec-Butylbenzene	16.609	105	1222125	2.219	ppbv	99
69) p-Isopropyltoluene	16.969	119	979201	2.229	ppbv	98
70) n-Butylbenzene	17.860	91	1037375	2.237	ppbv	98
71) 2-Chlorotoluene	14.777	91	760034	2.180	ppbv	100
72) 4-Ethyltoluene	15.162	105	732118	2.151	ppbv	98
73) 1,3,5-Trimethylbenzene	15.323	105	656370	2.181	ppbv	95
74) 1,2,4-Trimethylbenzene	16.079	105	729478	2.172	ppbv	98
75) 1,3-Dichlorobenzene	16.304	146	399668	2.155	ppbv	99
76) 1,4-Dichlorobenzene	16.449	146	387414	2.182	ppbv	98
77) 1,2-Dichlorobenzene	17.114	146	234538	1.301	ppbv #	47
78) Hexachloro-1,3-Butadiene	22.606	225	156222	1.384	ppbv #	51
79) Naphthalene	21.352	128	427079	2.474	ppbv	99
80) Naphthalene,2-methyl-	24.361	142	60757	1.994	ppbv	90
81) 1,2,4-Trichlorobenzene	21.108	180	232834	2.219	ppbv	98

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111323AIR.M
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QLast Update : Mon Nov 20 03:50:24 2023
Response via : Initial Calibration

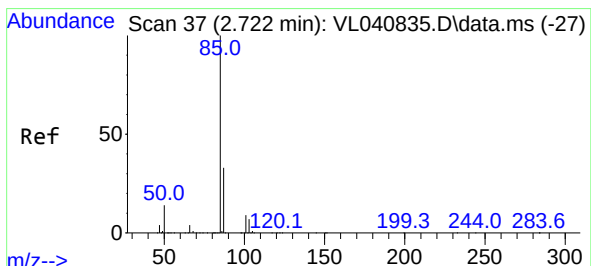
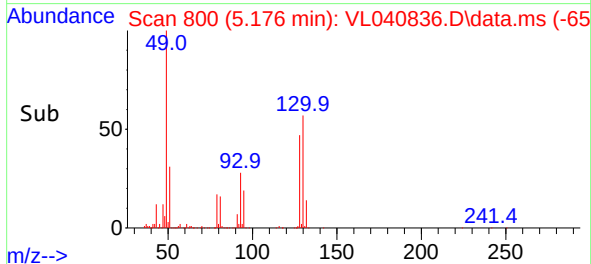
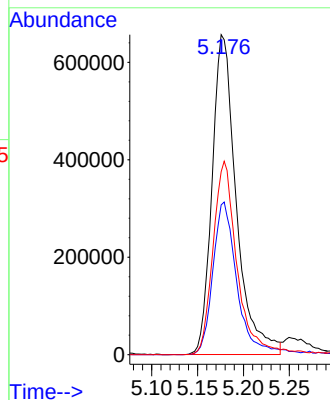
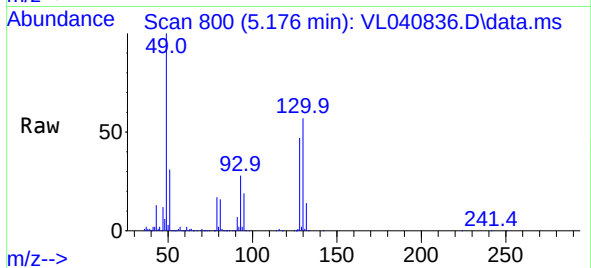




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.176 min Scan# 80
Delta R.T. -0.035 min
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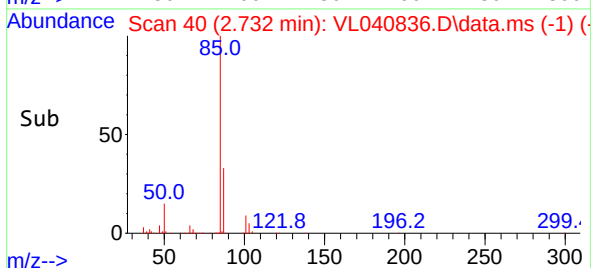
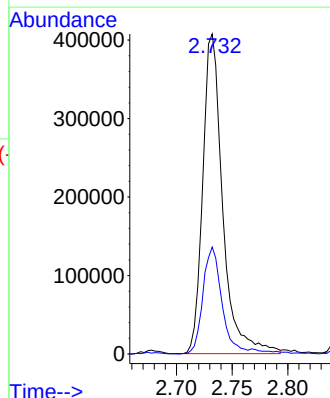
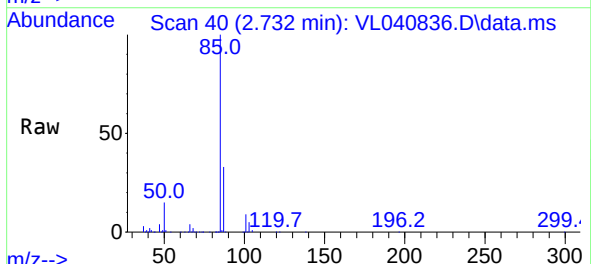
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

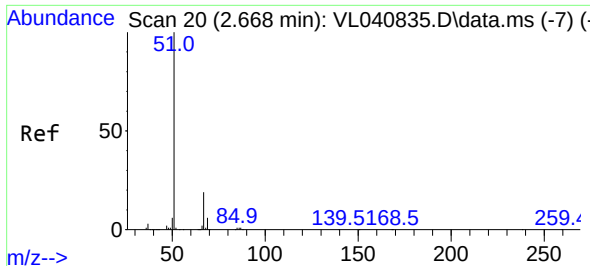
Tgt Ion: 49 Resp: 1209946
Ion Ratio Lower Upper
49 100
128 48.7 23.8 71.2
130 61.6 30.9 92.8



#2
Dichlorodifluoromethane
Concen: 2.071 ppbv
RT: 2.732 min Scan# 40
Delta R.T. -0.042 min
Lab File: VL040836.D
Acq: 13 Nov 2023 11:25

Tgt Ion: 85 Resp: 507979
Ion Ratio Lower Upper
85 100
87 33.4 26.7 40.1

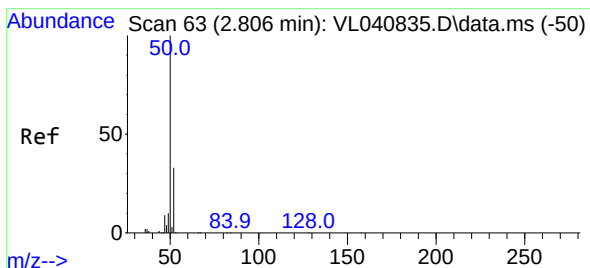
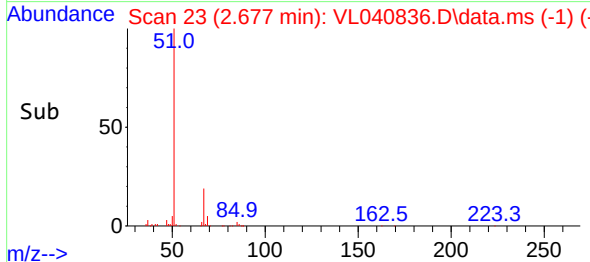
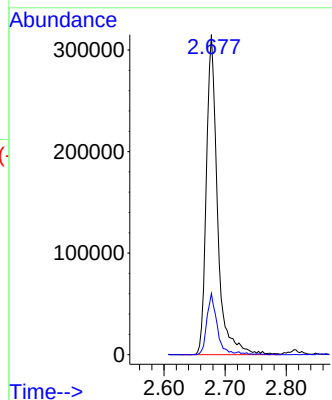
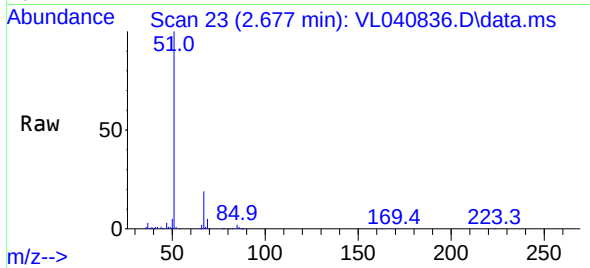




#3
Chlorodifluoromethane
Concen: 2.072 ppbv
RT: 2.677 min Scan# 21
Delta R.T. -0.042 min
Lab File: VL040836.D
Acq: 13 Nov 2023 11:25

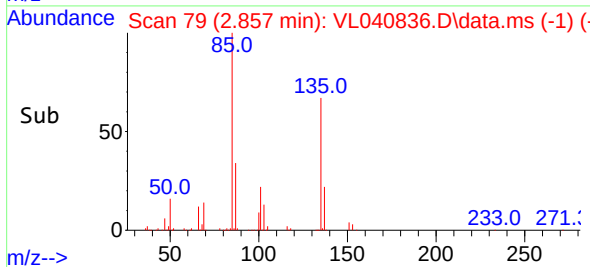
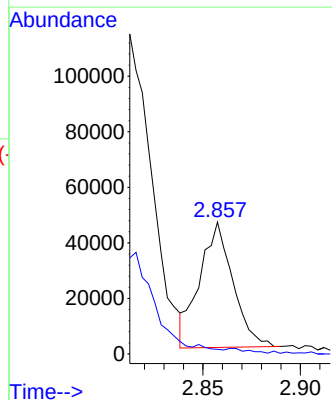
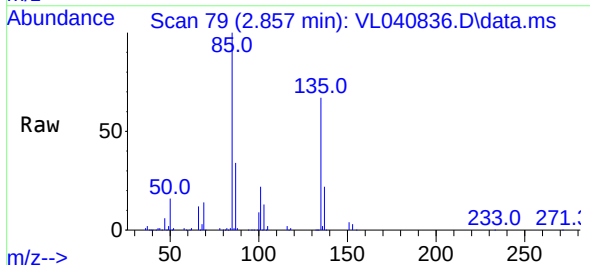
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ClientSampleId :
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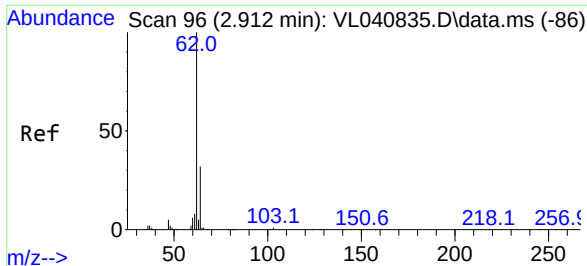
Tgt Ion: 51 Resp: 400240
Ion Ratio Lower Upper
51 100
67 18.1 15.0 22.4



#4
Chloromethane
Concen: 0.774 ppbv
RT: 2.857 min Scan# 79
Delta R.T. 0.003 min
Lab File: VL040836.D
Acq: 13 Nov 2023 11:25

Tgt Ion: 50 Resp: 53757
Ion Ratio Lower Upper
50 100
52 3.2 26.5 39.7#

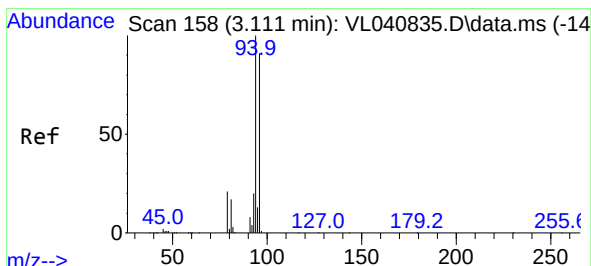
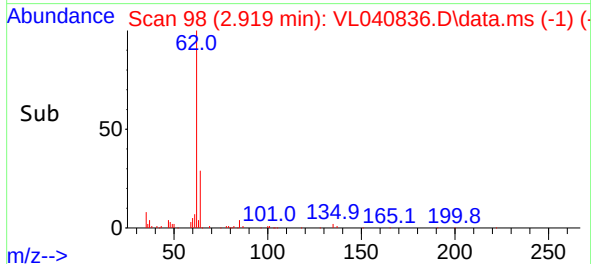
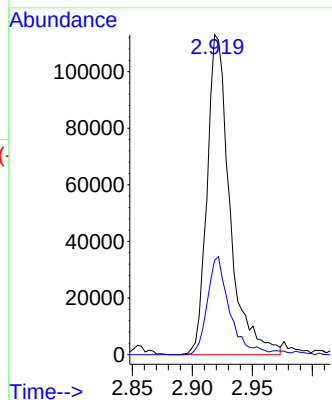
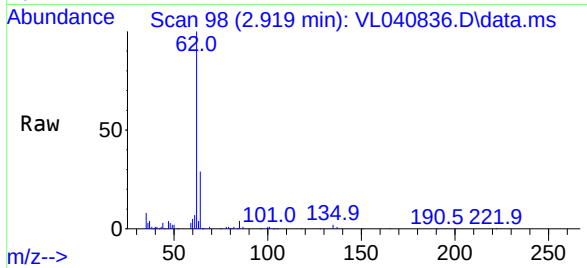




#5
Vinyl Chloride
Concen: 2.156 ppbv
RT: 2.919 min Scan# 91
Delta R.T. -0.042 min
Lab File: VL040836.D
Acq: 13 Nov 2023 11:25

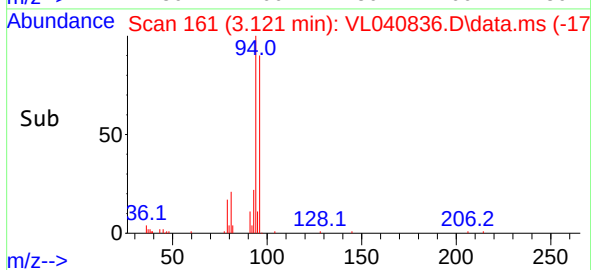
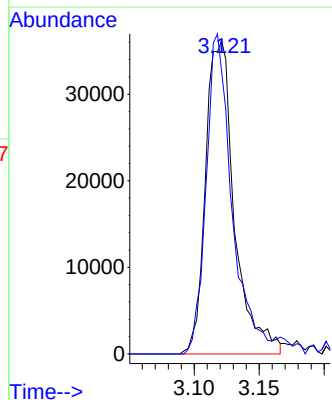
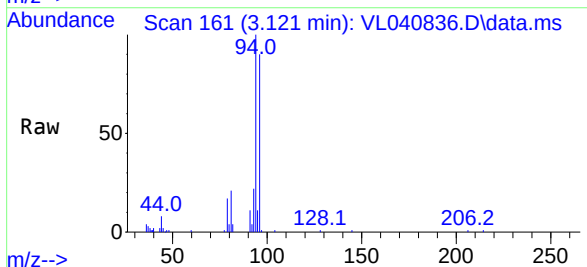
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MSVOA_1
ClientSampleId :
VSTDICC002

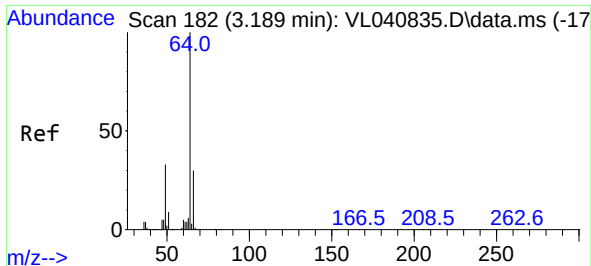
Tgt Ion: 62 Resp: 148930
Ion Ratio Lower Upper
62 100
64 29.5 25.4 38.2



#6
Bromomethane
Concen: 2.115 ppbv
RT: 3.121 min Scan# 161
Delta R.T. -0.036 min
Lab File: VL040836.D
Acq: 13 Nov 2023 11:25

Tgt Ion: 94 Resp: 55789
Ion Ratio Lower Upper
94 100
96 90.1 73.0 109.4

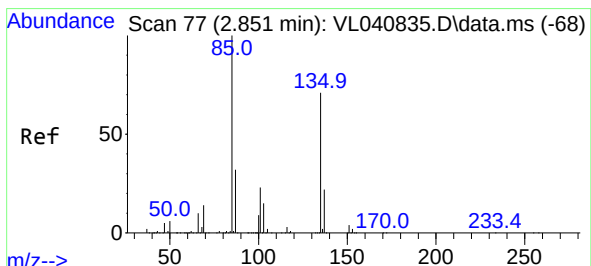
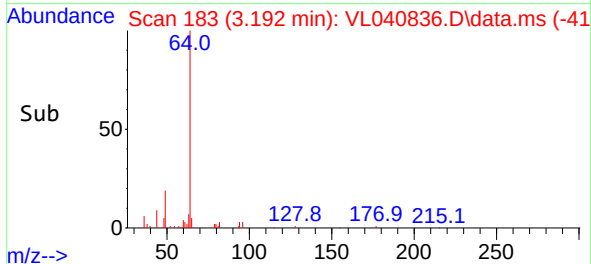
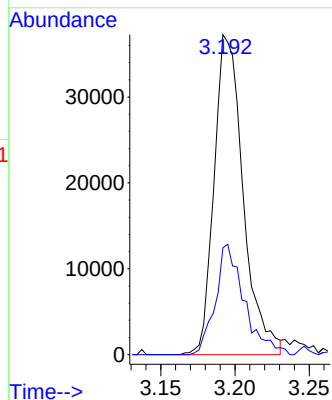
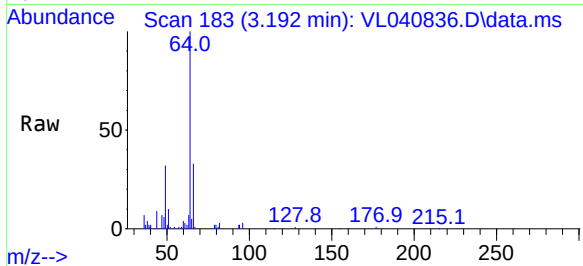




#7
Chloroethane
Concen: 2.120 ppbv
RT: 3.192 min Scan# 11
Delta R.T. -0.042 min
Lab File: VL040836.D
Acq: 13 Nov 2023 11:25

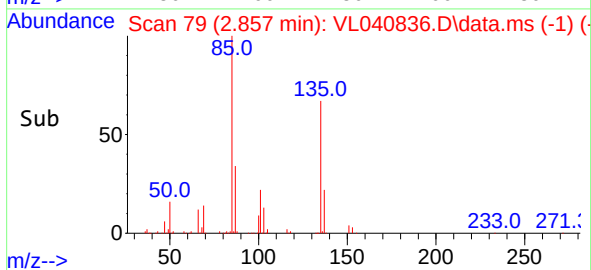
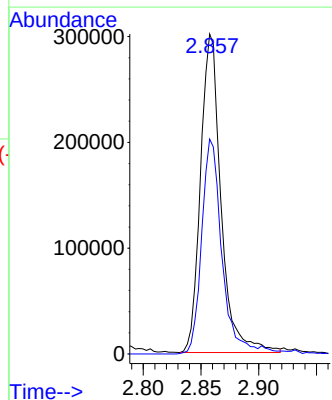
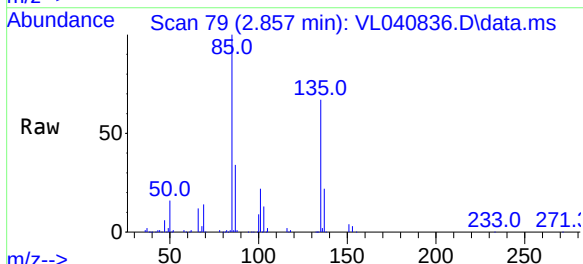
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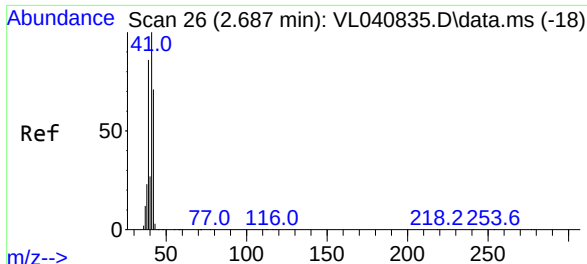
Tgt Ion: 64 Resp: 50727
Ion Ratio Lower Upper
64 100
66 33.4 23.8 35.6



#8
Dichlorotetrafluoroethane
Concen: 2.102 ppbv
RT: 2.857 min Scan# 79
Delta R.T. -0.042 min
Lab File: VL040836.D
Acq: 13 Nov 2023 11:25

Tgt Ion: 85 Resp: 372285
Ion Ratio Lower Upper
85 100
135 68.3 55.3 82.9

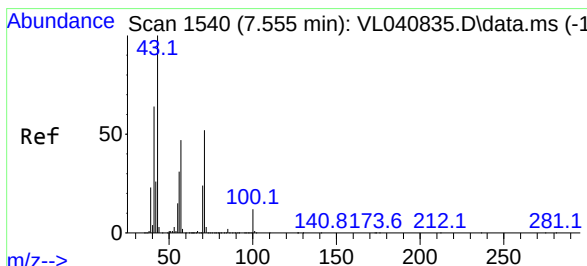
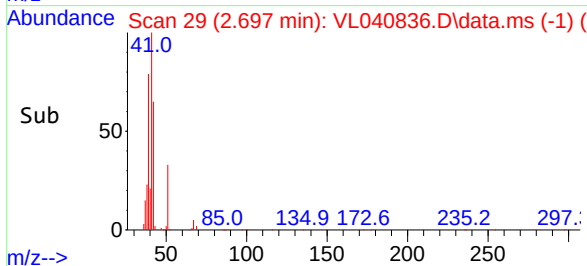
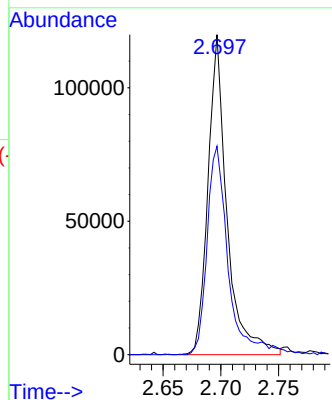
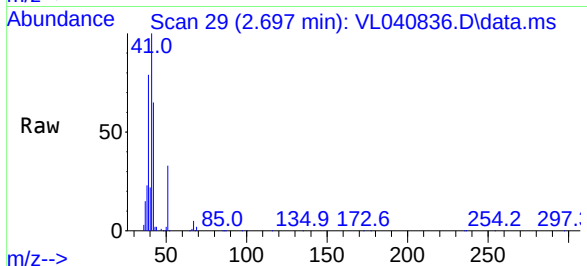




#9
 Propene
 Concen: 2.111 ppbv
 RT: 2.697 min Scan# 24
 Delta R.T. -0.042 min
 Lab File: VL040836.D
 Acq: 13 Nov 2023 11:25

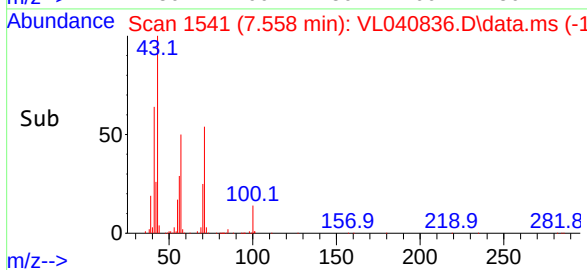
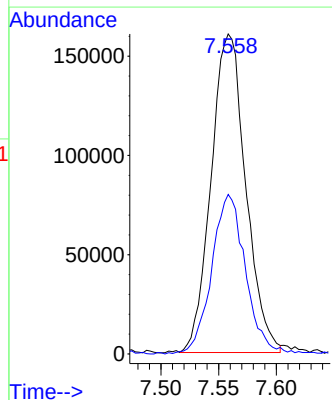
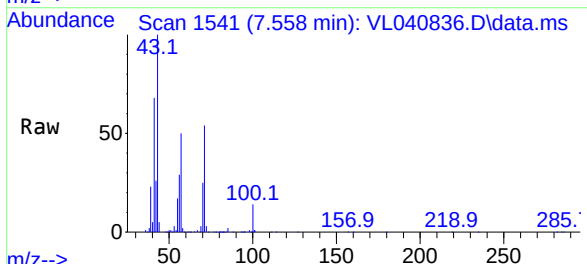
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

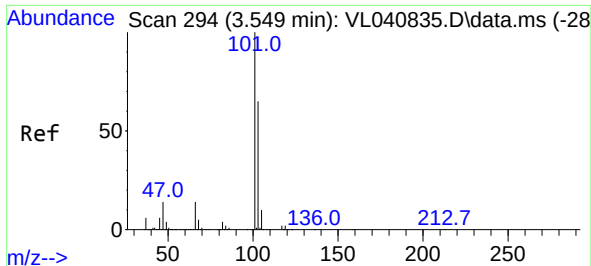
Tgt Ion: 41 Resp: 137441
 Ion Ratio Lower Upper
 41 100
 42 73.3 56.5 84.7



#10
 Heptane
 Concen: 2.092 ppbv
 RT: 7.558 min Scan# 1541
 Delta R.T. -0.029 min
 Lab File: VL040836.D
 Acq: 13 Nov 2023 11:25

Tgt Ion: 43 Resp: 335084
 Ion Ratio Lower Upper
 43 100
 57 49.2 39.4 59.0

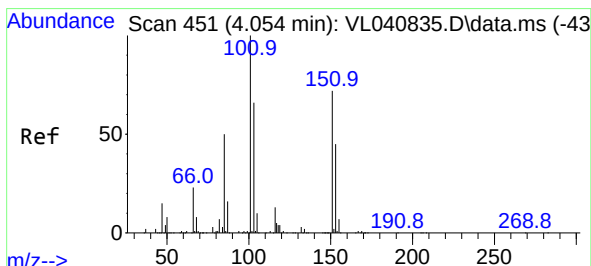
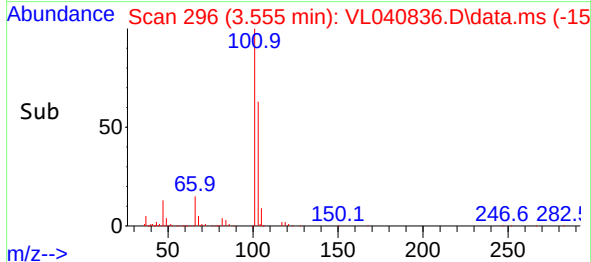
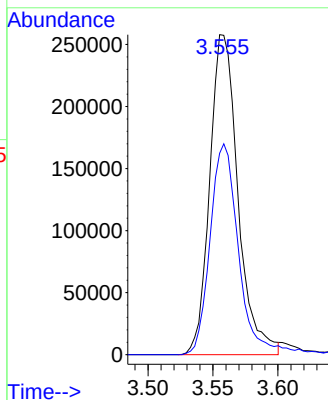
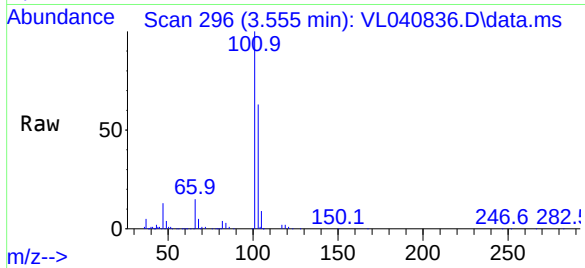




#11
 Trichlorofluoromethane
 Concen: 2.070 ppbv
 RT: 3.555 min Scan# 294
 Delta R.T. -0.039 min
 Lab File: VL040836.D
 Acq: 13 Nov 2023 11:25

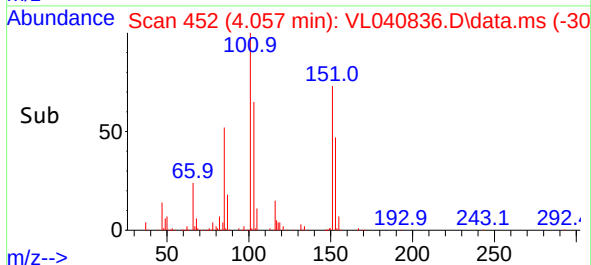
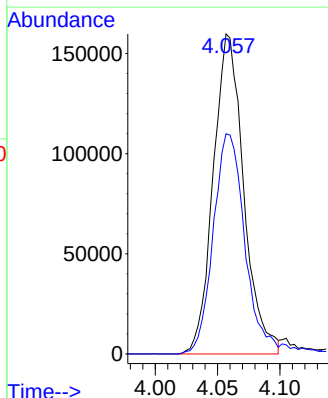
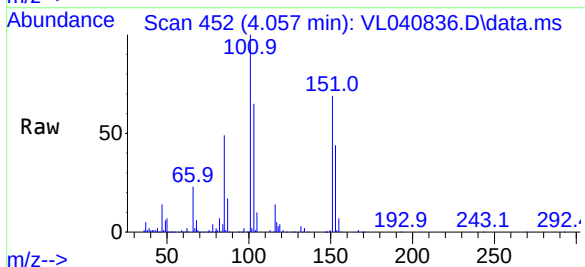
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

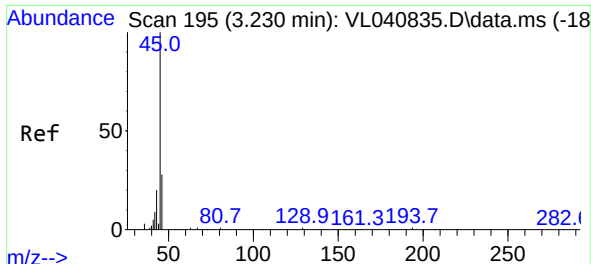
Tgt Ion:101 Resp: 390128
 Ion Ratio Lower Upper
 101 100
 103 63.0 51.8 77.8



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 2.032 ppbv
 RT: 4.057 min Scan# 452
 Delta R.T. -0.039 min
 Lab File: VL040836.D
 Acq: 13 Nov 2023 11:25

Tgt Ion:101 Resp: 272105
 Ion Ratio Lower Upper
 101 100
 151 73.7 57.8 86.6

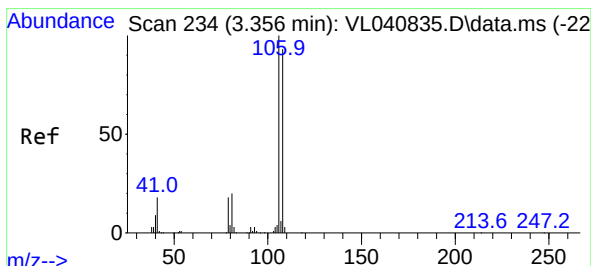
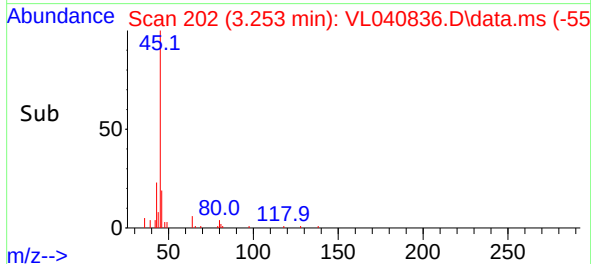
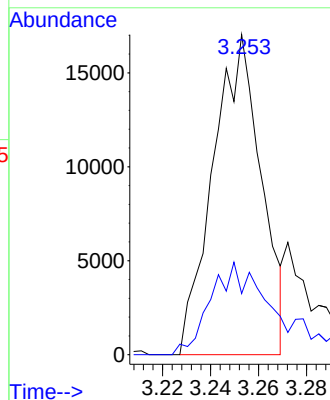
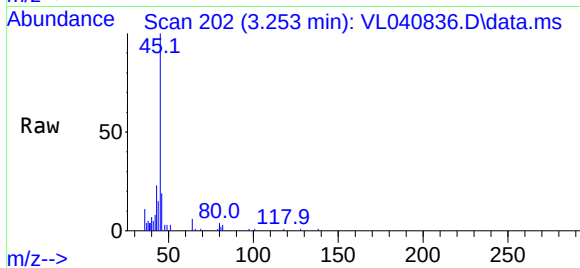




#13
Ethanol
Concen: 1.886 ppbv
RT: 3.253 min Scan# 20
Delta R.T. -0.026 min
Lab File: VL040836.D
Acq: 13 Nov 2023 11:25

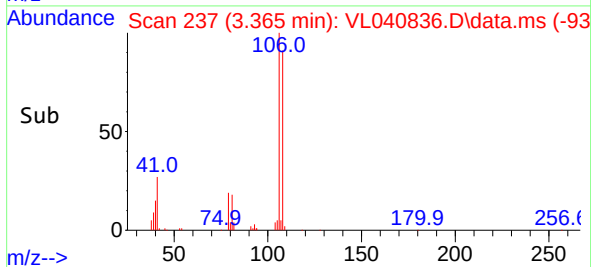
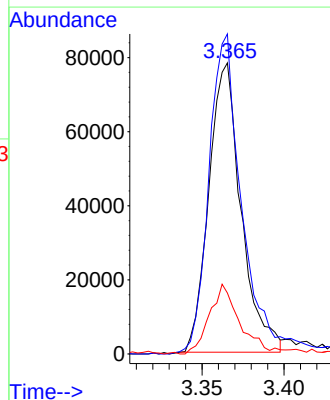
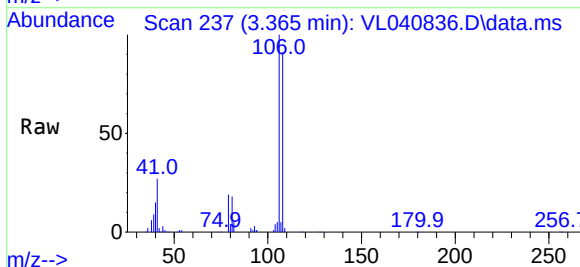
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

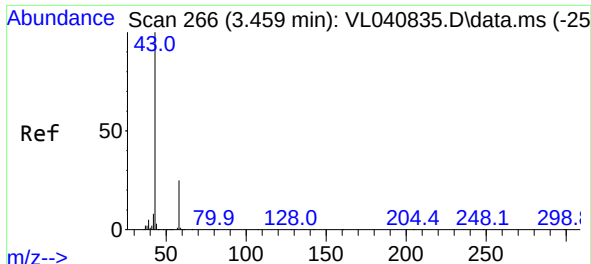
Tgt Ion: 45 Resp: 23845
Ion Ratio Lower Upper
45 100
46 43.4 0.0 0.0#



#14
Bromoethene
Concen: 1.983 ppbv
RT: 3.365 min Scan# 237
Delta R.T. -0.036 min
Lab File: VL040836.D
Acq: 13 Nov 2023 11:25

Tgt Ion:108 Resp: 106782
Ion Ratio Lower Upper
108 100
106 116.8 85.4 128.2
79 26.3 16.7 25.1#

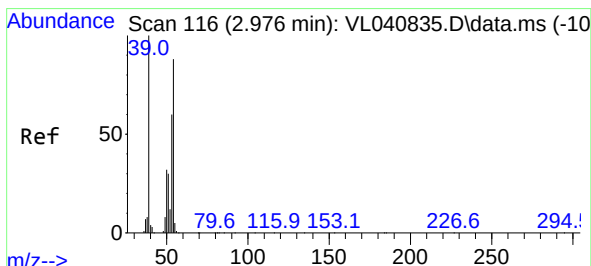
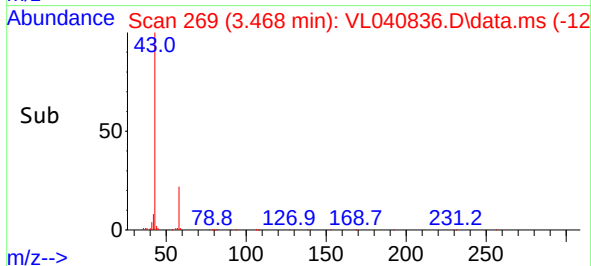
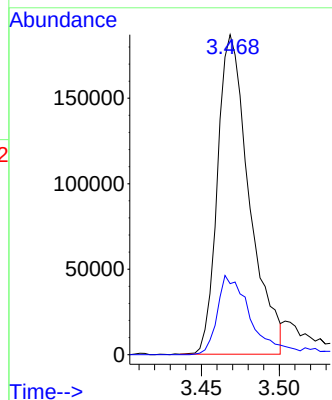
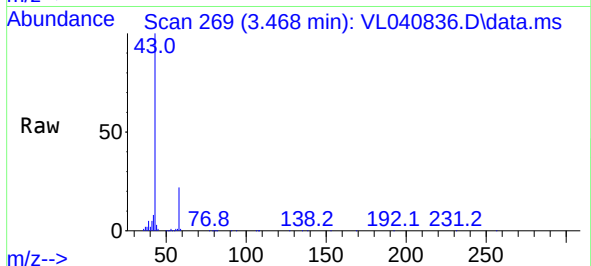




#15
Acetone
Concen: 2.055 ppbv
RT: 3.468 min Scan# 21
Delta R.T. -0.032 min
Lab File: VL040836.D
Acq: 13 Nov 2023 11:25

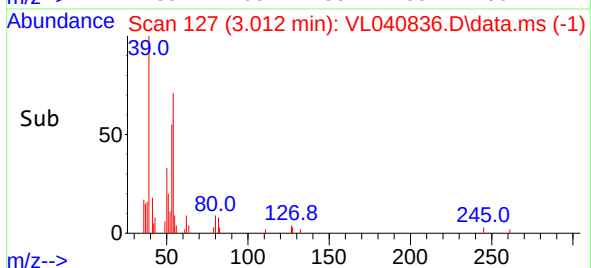
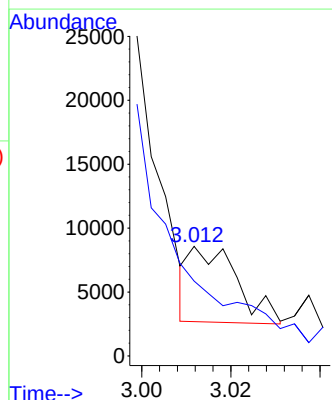
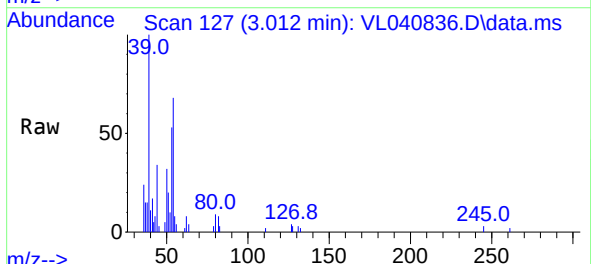
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

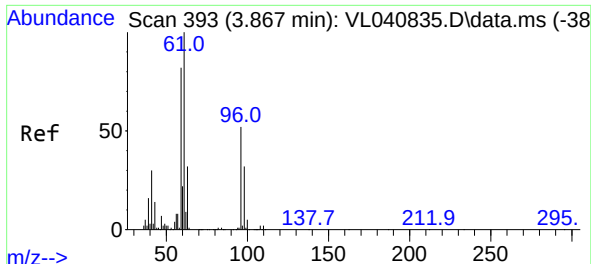
Tgt Ion: 43 Resp: 264805
Ion Ratio Lower Upper
43 100
58 27.2 20.9 31.3



#16
1,3-Butadiene
Concen: 0.067 ppbv
RT: 3.012 min Scan# 127
Delta R.T. -0.013 min
Lab File: VL040836.D
Acq: 13 Nov 2023 11:25

Tgt Ion: 39 Resp: 4361
Ion Ratio Lower Upper
39 100
54 0.0 61.8 92.6#

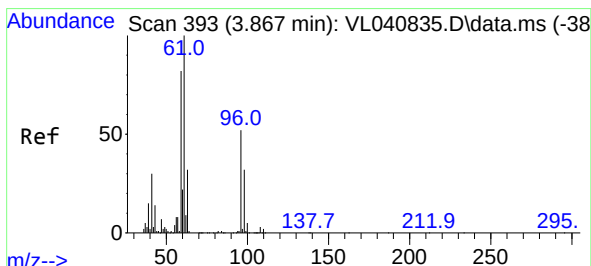
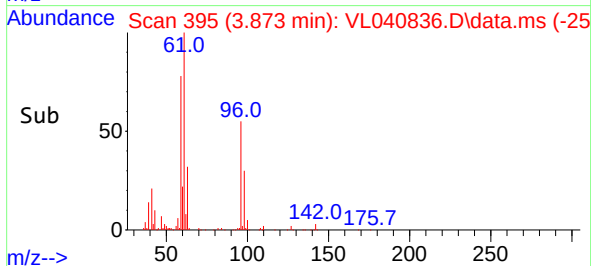
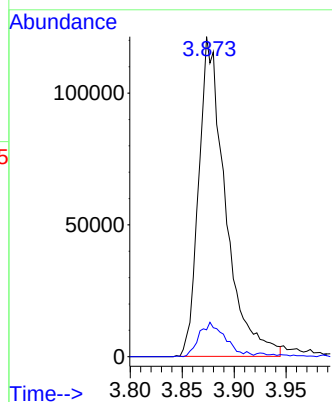
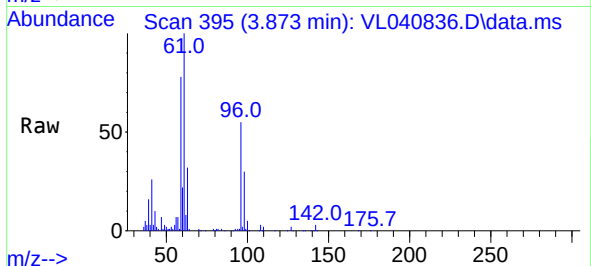




#17
tert-Butyl alcohol
Concen: 1.961 ppbv
RT: 3.873 min Scan# 395
Delta R.T. -0.036 min
Lab File: VL040836.D
Acq: 13 Nov 2023 11:25

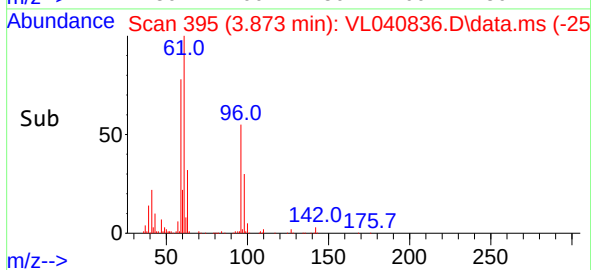
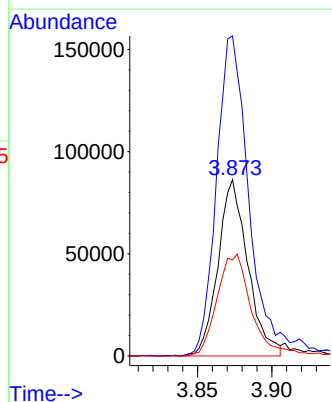
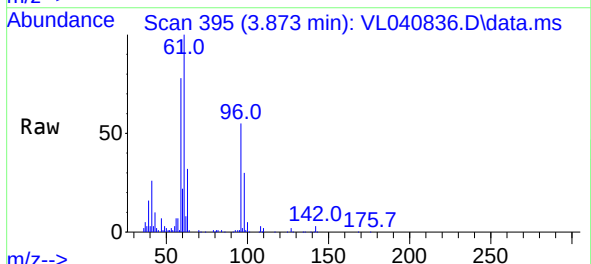
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

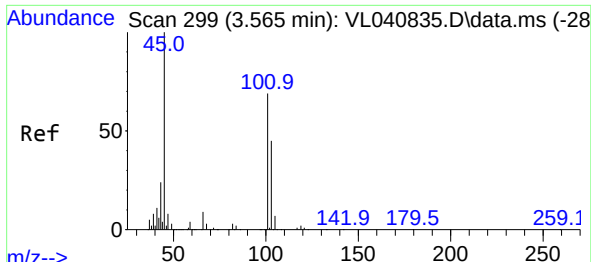
Tgt Ion: 59 Resp: 216097
Ion Ratio Lower Upper
59 100
57 11.8 9.0 13.4



#18
1,1-Dichloroethene
Concen: 2.020 ppbv
RT: 3.873 min Scan# 395
Delta R.T. -0.039 min
Lab File: VL040836.D
Acq: 13 Nov 2023 11:25

Tgt Ion: 96 Resp: 120560
Ion Ratio Lower Upper
96 100
61 181.5 152.6 228.8
98 54.5 49.2 73.8





#19

Isopropyl Alcohol

Concen: 1.909 ppbv

RT: 3.578 min Scan# 303

Delta R.T. -0.032 min

Lab File: VL040836.D

Acq: 13 Nov 2023 11:25

Instrument :

MSVOA_1

ClientSampleId :

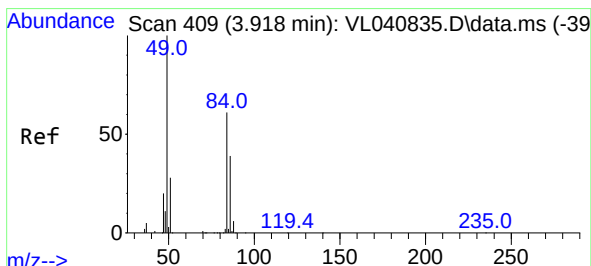
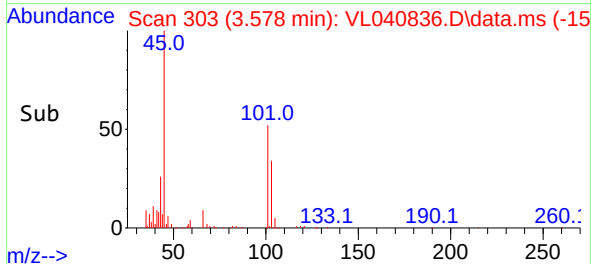
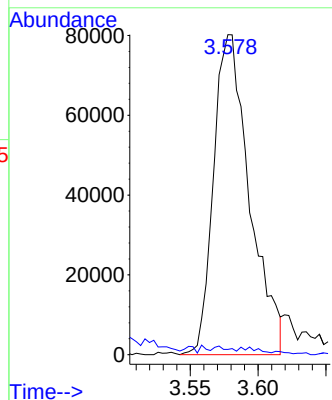
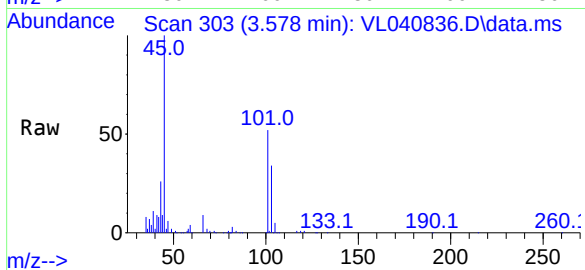
VSTDICC002

Tgt Ion: 45 Resp: 148022

Ion Ratio Lower Upper

45 100

58 4.4 1.6 2.4#



#20

Methylene Chloride

Concen: 1.992 ppbv

RT: 3.925 min Scan# 411

Delta R.T. -0.039 min

Lab File: VL040836.D

Acq: 13 Nov 2023 11:25

Tgt Ion: 84 Resp: 105941

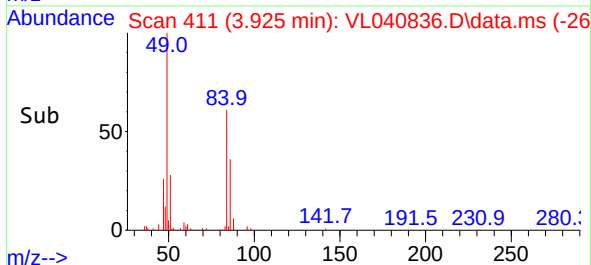
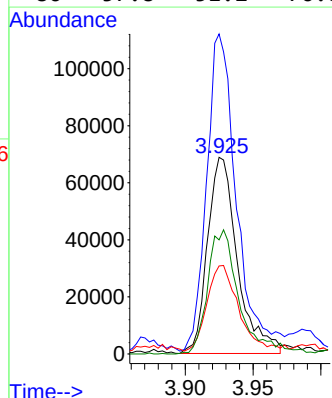
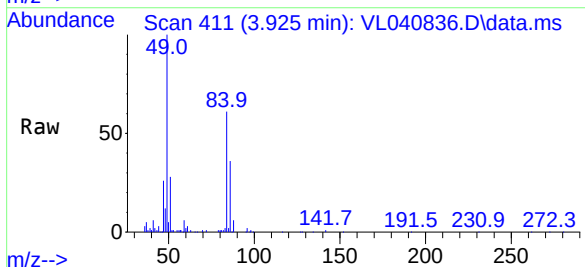
Ion Ratio Lower Upper

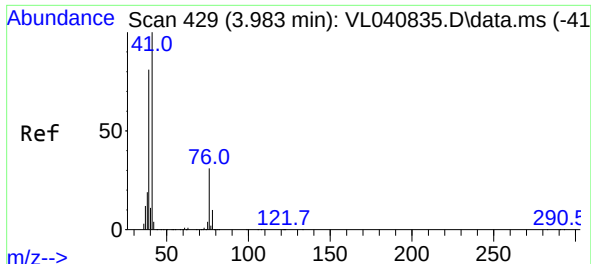
84 100

49 161.7 131.0 196.4

51 42.4 36.9 55.3

86 57.8 51.2 76.8





#21

Allyl Chloride

Concen: 2.130 ppbv

RT: 3.989 min Scan# 41

Delta R.T. -0.036 min

Lab File: VL040836.D

Acq: 13 Nov 2023 11:25

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

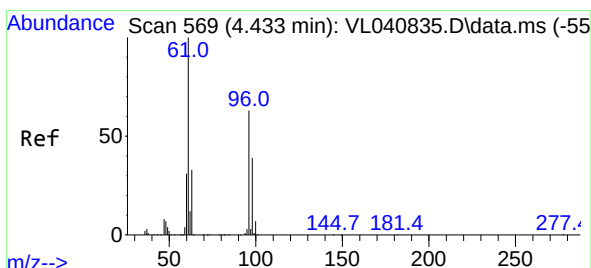
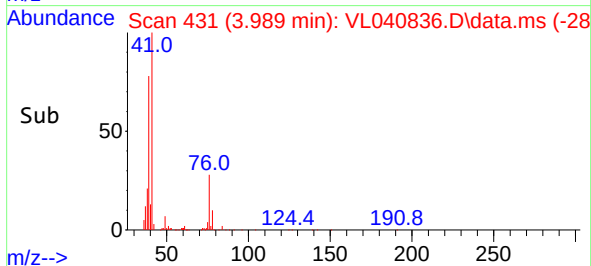
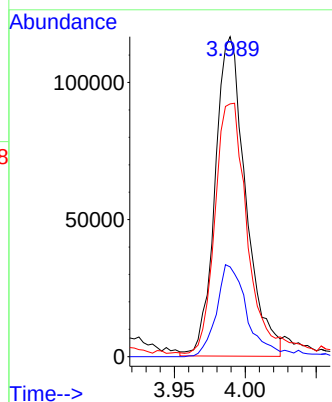
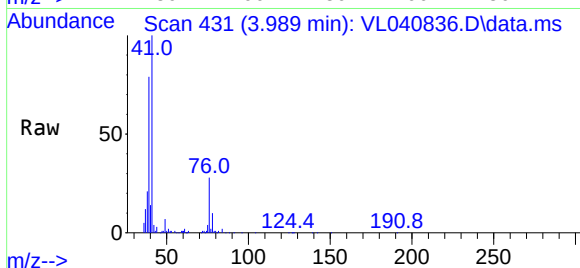
Tgt Ion: 41 Resp: 175657

Ion Ratio Lower Upper

41 100

76 29.8 24.4 36.6

39 85.7 68.1 102.1



#22

trans-1,2-Dichloroethene

Concen: 2.190 ppbv

RT: 4.436 min Scan# 570

Delta R.T. -0.032 min

Lab File: VL040836.D

Acq: 13 Nov 2023 11:25

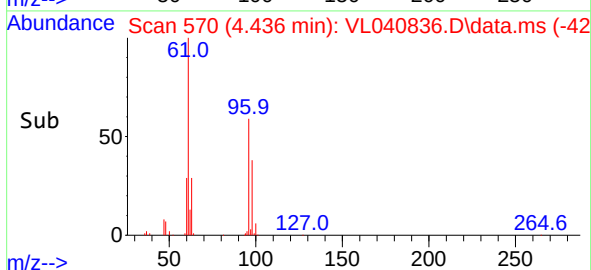
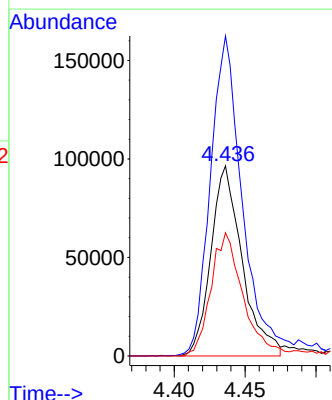
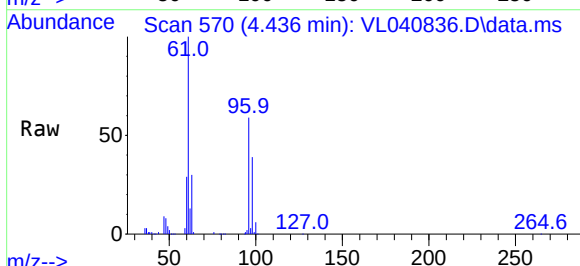
Tgt Ion: 96 Resp: 148357

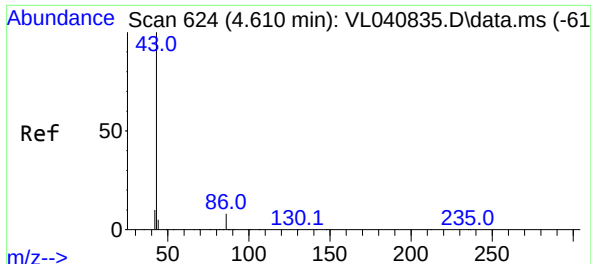
Ion Ratio Lower Upper

96 100

61 167.5 126.8 190.2

98 64.8 49.9 74.9



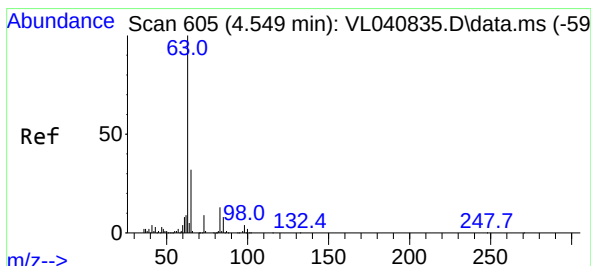
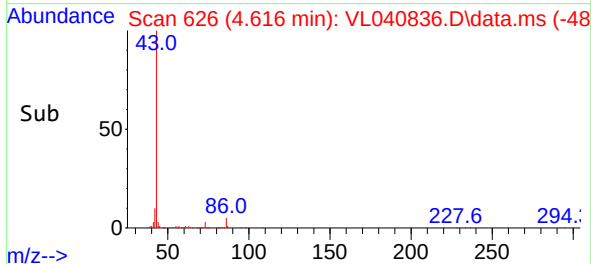
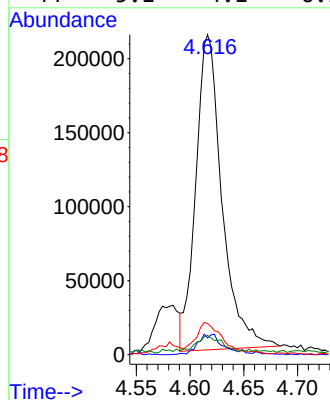
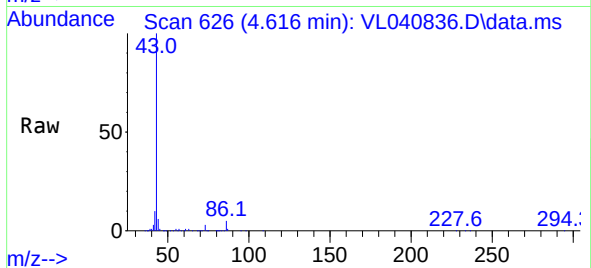


#23
 Vinyl Acetate
 Concen: 2.173 ppbv
 RT: 4.616 min Scan# 61
 Delta R.T. -0.032 min
 Lab File: VL040836.D
 Acq: 13 Nov 2023 11:25

Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC002

Tgt Ion: 43 Resp: 361512

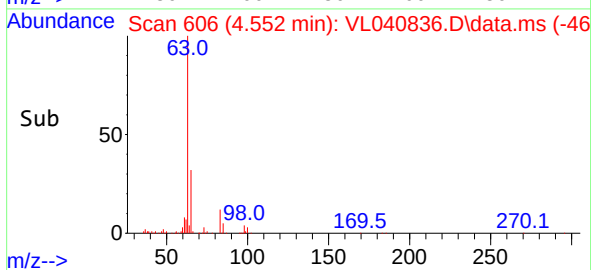
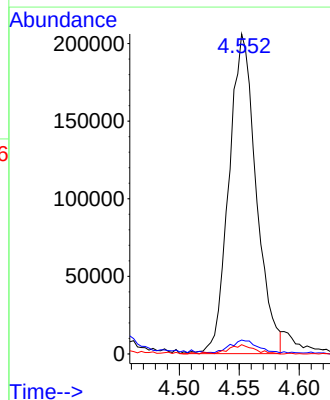
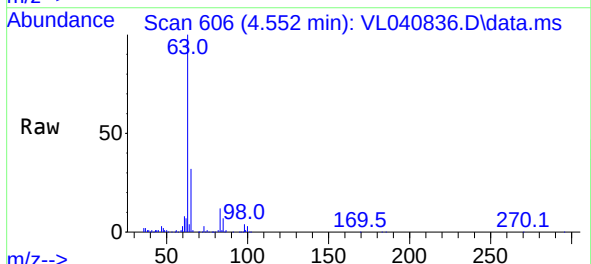
Ion	Ratio	Lower	Upper
43	100		
86	5.2	5.5	8.3#
42	9.4	8.2	12.2
44	5.1	4.1	6.1

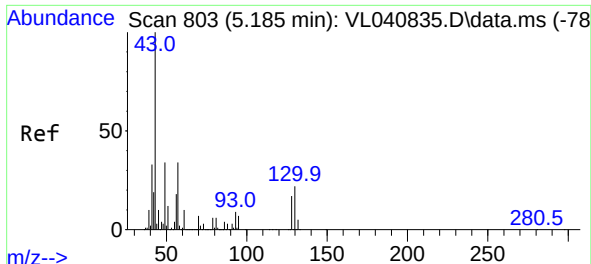


#24
 1,1-Dichloroethane
 Concen: 2.201 ppbv
 RT: 4.552 min Scan# 606
 Delta R.T. -0.036 min
 Lab File: VL040836.D
 Acq: 13 Nov 2023 11:25

Tgt Ion: 63 Resp: 326497

Ion	Ratio	Lower	Upper
63	100		
98	4.7	2.2	6.6
100	2.9	1.0	3.0





#25

Ethyl Acetate

Concen: 2.136 ppbv

RT: 5.195 min Scan# 80

Delta R.T. -0.026 min

Lab File: VL040836.D

Acq: 13 Nov 2023 11:25

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

Tgt Ion: 43 Resp: 569933

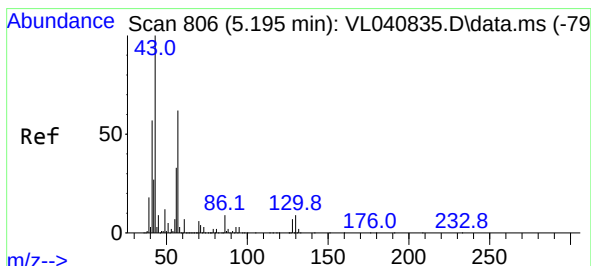
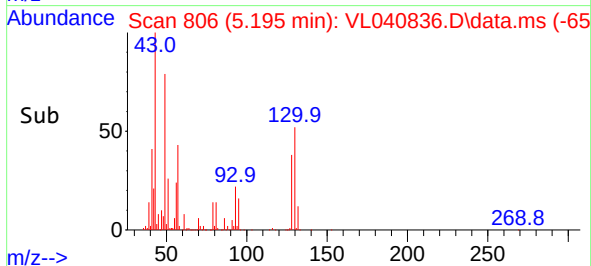
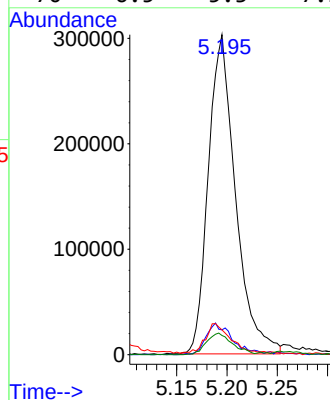
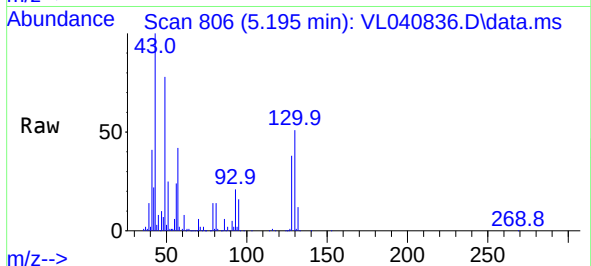
Ion Ratio Lower Upper

43 100

45 10.2 8.1 12.1

61 9.5 7.8 11.6

70 6.5 5.3 7.9



#26

Hexane

Concen: 2.119 ppbv

RT: 5.198 min Scan# 807

Delta R.T. -0.032 min

Lab File: VL040836.D

Acq: 13 Nov 2023 11:25

Tgt Ion: 57 Resp: 250222

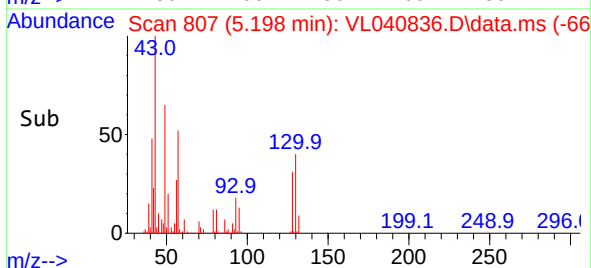
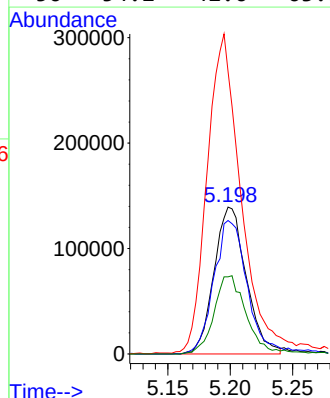
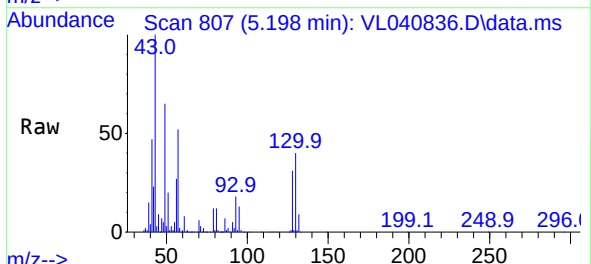
Ion Ratio Lower Upper

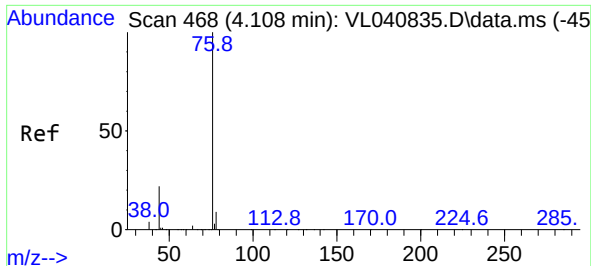
57 100

41 96.5 75.4 113.0

43 238.5 185.9 278.9

56 54.2 42.6 63.8

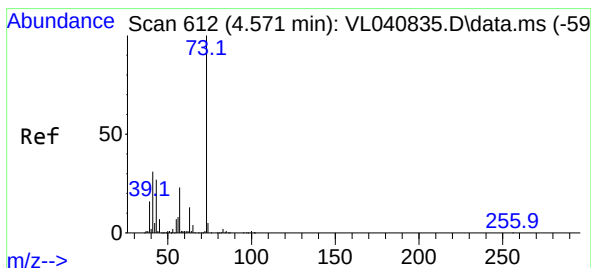
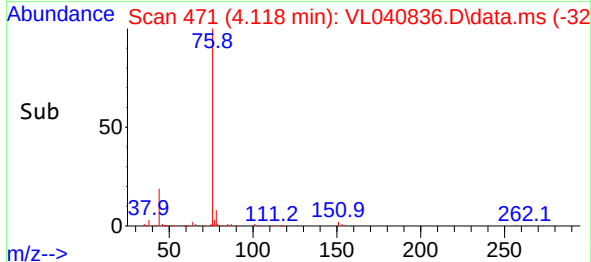
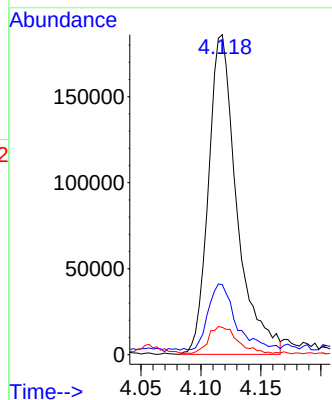
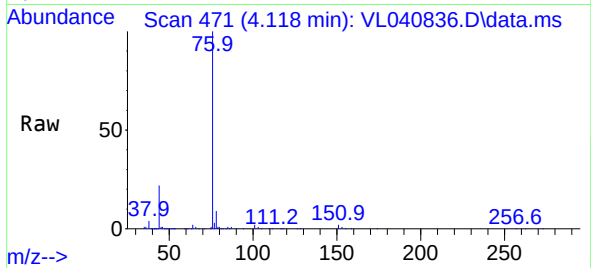




#27
Carbon Disulfide
Concen: 2.041 ppbv
RT: 4.118 min Scan# 41
Delta R.T. -0.036 min
Lab File: VL040836.D
Acq: 13 Nov 2023 11:25

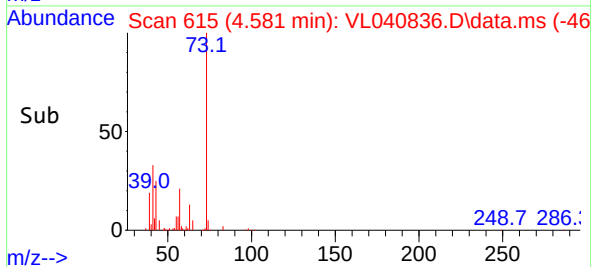
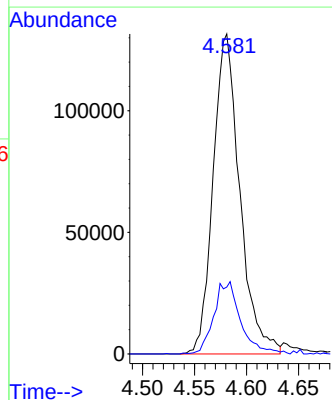
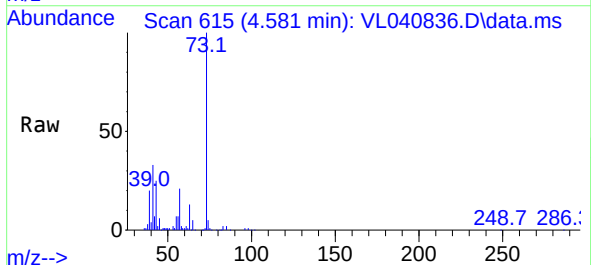
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

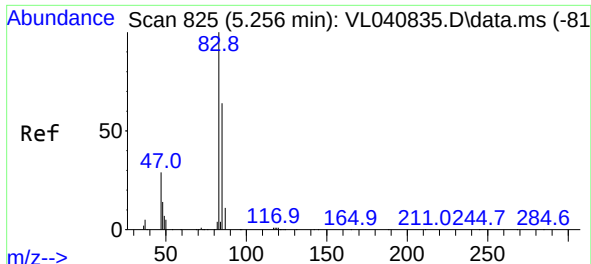
Tgt Ion: 76 Resp: 305648
Ion Ratio Lower Upper
76 100
44 22.0 16.7 25.1
78 10.4 7.6 11.4



#28
Methyl tert-Butyl Ether
Concen: 2.194 ppbv
RT: 4.581 min Scan# 615
Delta R.T. -0.029 min
Lab File: VL040836.D
Acq: 13 Nov 2023 11:25

Tgt Ion: 73 Resp: 234338
Ion Ratio Lower Upper
73 100
57 22.7 18.0 27.0





#29

Chloroform

Concen: 2.082 ppbv

RT: 5.259 min Scan# 81

Delta R.T. -0.036 min

Lab File: VL040836.D

Acq: 13 Nov 2023 11:25

Instrument :

MSVOA_L

ClientSampleId :

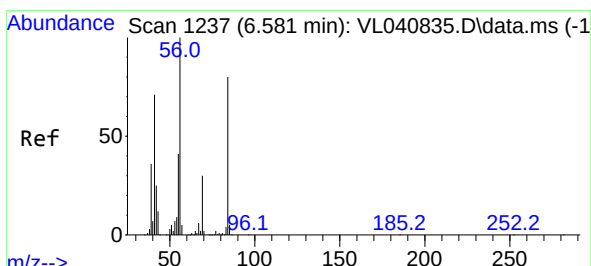
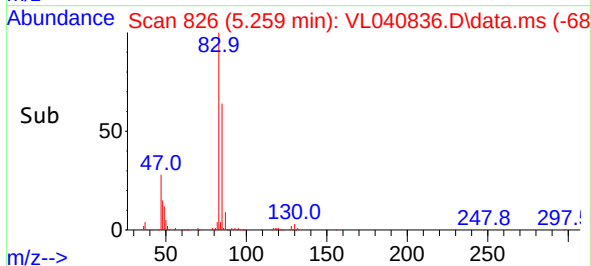
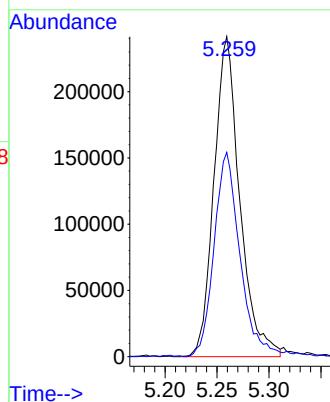
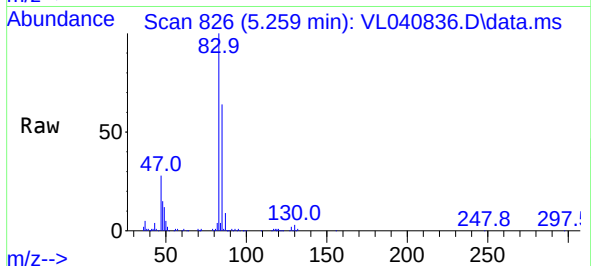
VSTDICC002

Tgt Ion: 83 Resp: 416683

Ion Ratio Lower Upper

83 100

85 63.6 51.4 77.0



#30

Cyclohexane

Concen: 2.051 ppbv

RT: 6.584 min Scan# 1238

Delta R.T. -0.029 min

Lab File: VL040836.D

Acq: 13 Nov 2023 11:25

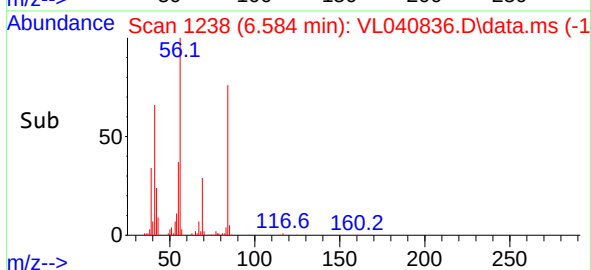
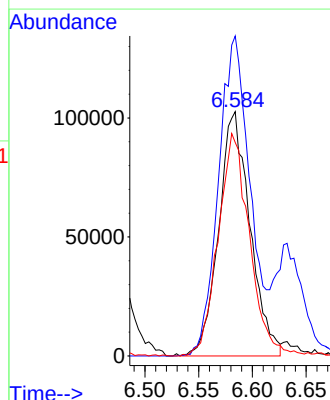
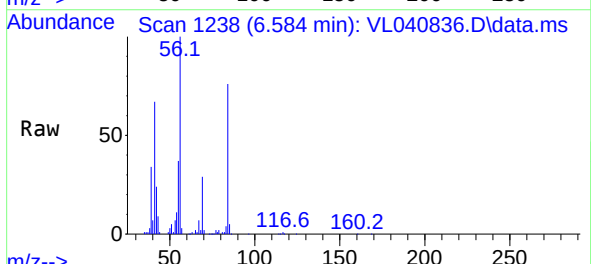
Tgt Ion: 84 Resp: 208317

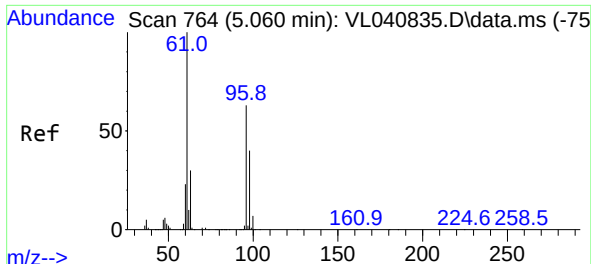
Ion Ratio Lower Upper

84 100

56 130.4 109.3 163.9

41 92.0 71.4 107.2

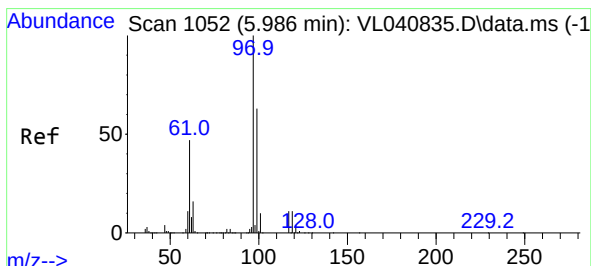
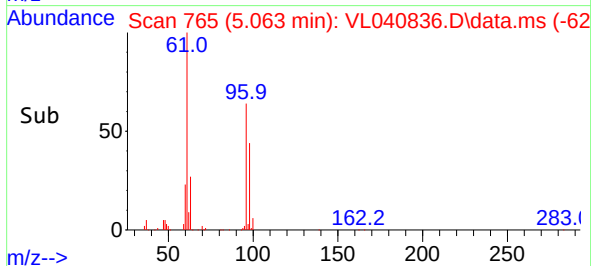
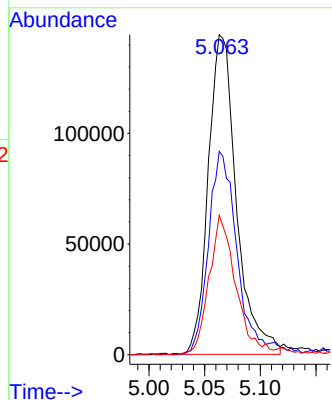
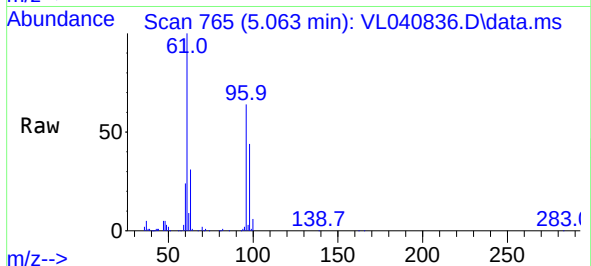




#31
 cis-1,2-Dichloroethene
 Concen: 2.179 ppbv
 RT: 5.063 min Scan# 764
 Delta R.T. -0.036 min
 Lab File: VL040836.D
 Acq: 13 Nov 2023 11:25

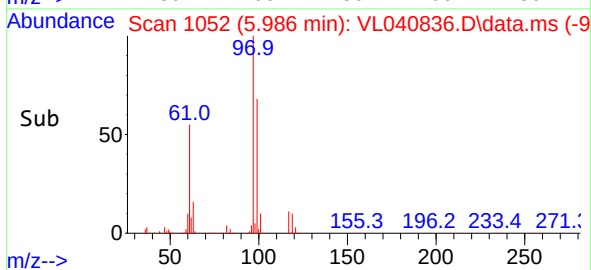
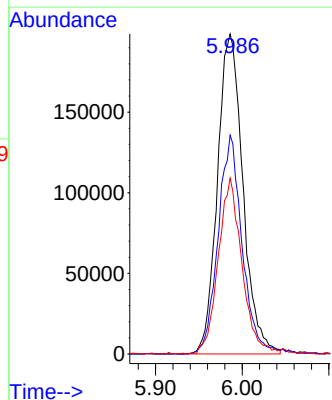
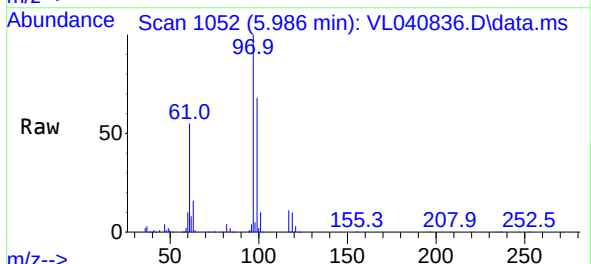
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

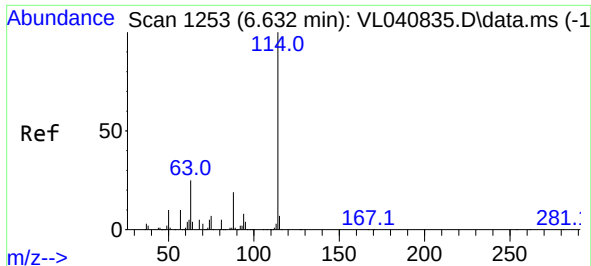
Tgt Ion: 61 Resp: 254623
 Ion Ratio Lower Upper
 61 100
 96 63.4 50.5 75.7
 98 43.4 31.9 47.9



#32
 1,1,1-Trichloroethane
 Concen: 2.172 ppbv
 RT: 5.986 min Scan# 1052
 Delta R.T. -0.032 min
 Lab File: VL040836.D
 Acq: 13 Nov 2023 11:25

Tgt Ion: 97 Resp: 405570
 Ion Ratio Lower Upper
 97 100
 99 65.0 52.2 78.4
 61 51.7 41.0 61.4





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.632 min Scan# 11

Delta R.T. -0.032 min

Lab File: VL040836.D

Acq: 13 Nov 2023 11:25

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

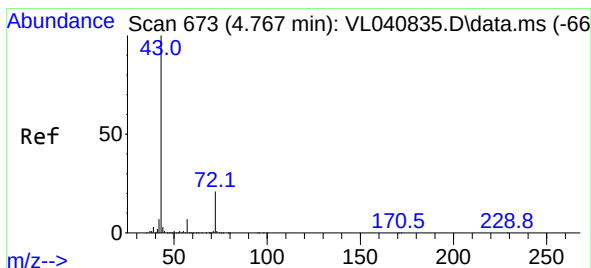
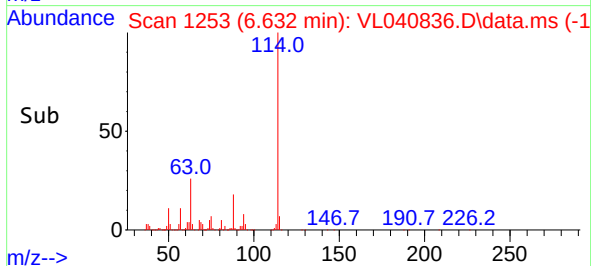
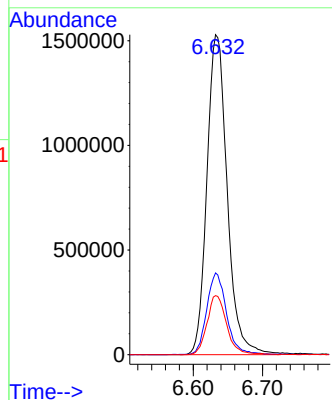
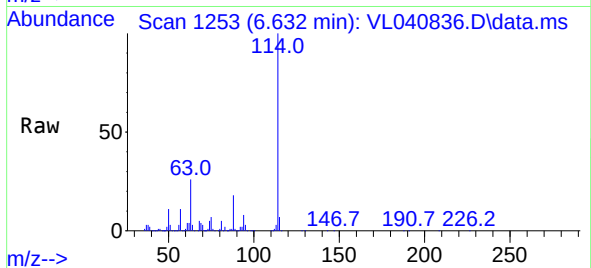
Tgt Ion:114 Resp: 3102623

Ion Ratio Lower Upper

114 100

63 25.3 20.9 31.3

88 18.0 14.3 21.5



#34

2-Butanone

Concen: 2.203 ppbv

RT: 4.777 min Scan# 676

Delta R.T. -0.029 min

Lab File: VL040836.D

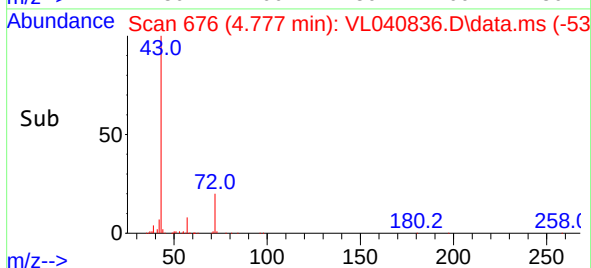
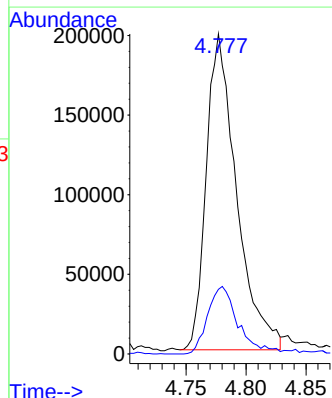
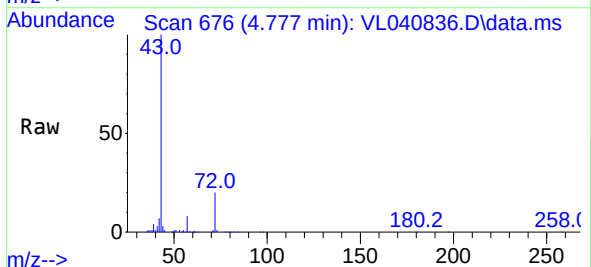
Acq: 13 Nov 2023 11:25

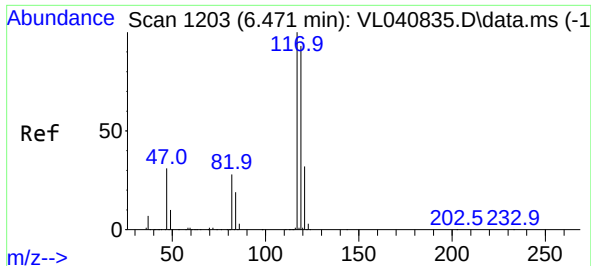
Tgt Ion: 43 Resp: 348153

Ion Ratio Lower Upper

43 100

72 23.0 17.2 25.8

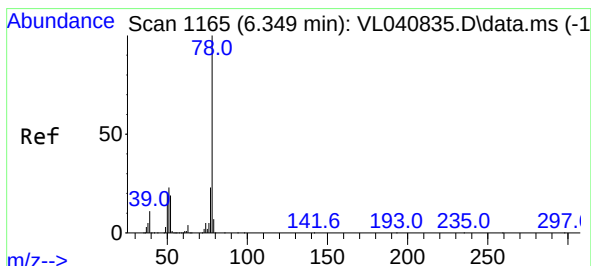
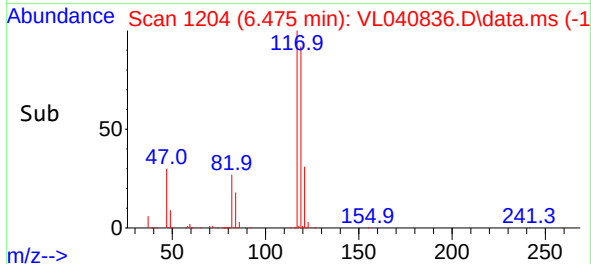
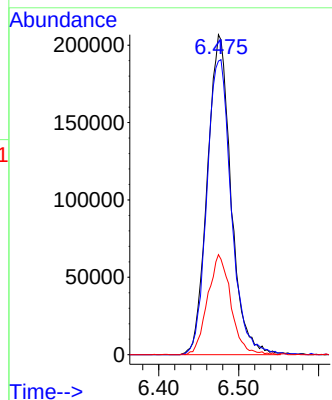
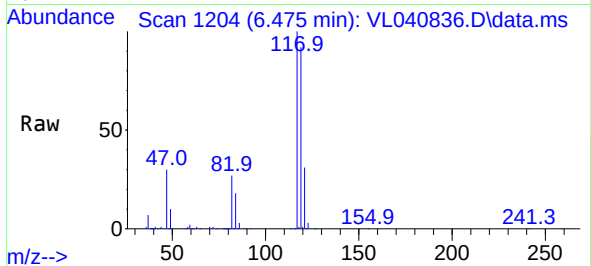




#35
Carbon Tetrachloride
Concen: 2.232 ppbv
RT: 6.475 min Scan# 1166
Delta R.T. -0.032 min
Lab File: VL040836.D
Acq: 13 Nov 2023 11:25

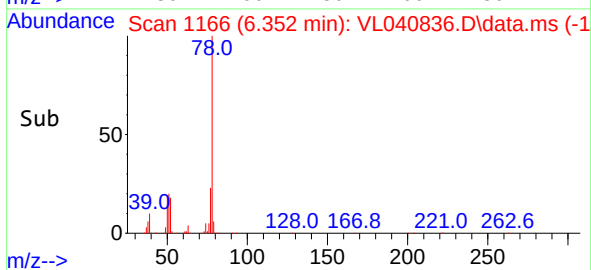
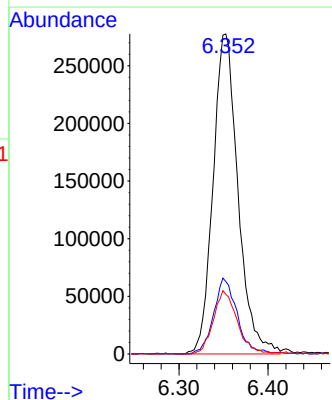
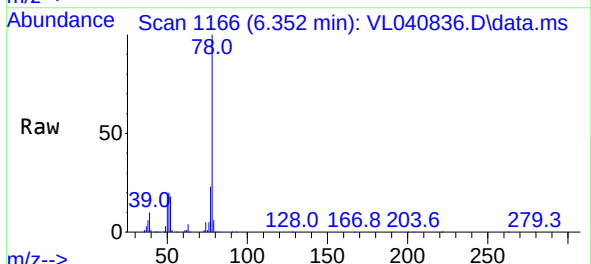
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

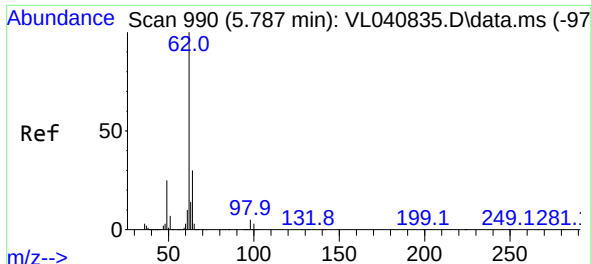
Tgt Ion:117 Resp: 424974
Ion Ratio Lower Upper
117 100
119 91.8 74.7 112.1
121 31.3 25.5 38.3



#36
Benzene
Concen: 2.145 ppbv
RT: 6.352 min Scan# 1166
Delta R.T. -0.032 min
Lab File: VL040836.D
Acq: 13 Nov 2023 11:25

Tgt Ion: 78 Resp: 540228
Ion Ratio Lower Upper
78 100
77 22.7 18.4 27.6
50 18.7 16.2 24.2

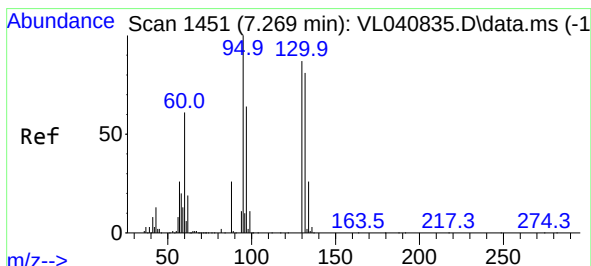
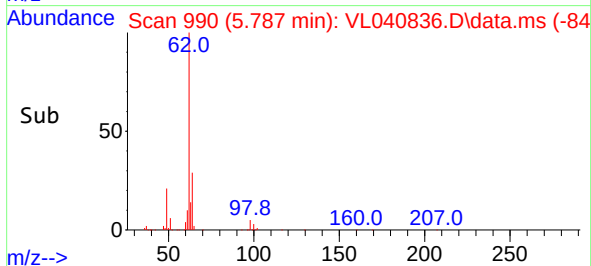
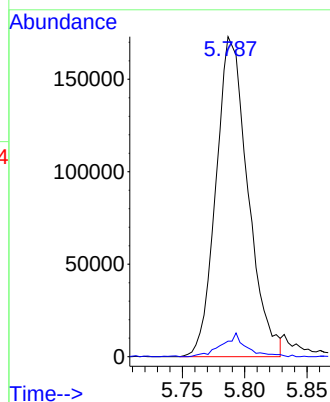
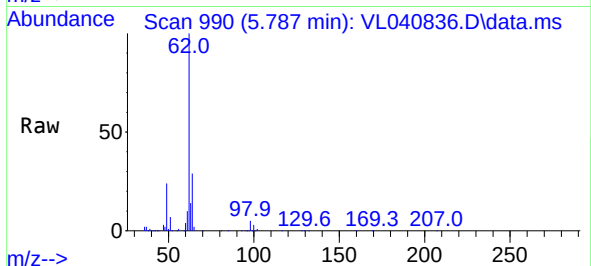




#37
1,2-Dichloroethane
Concen: 2.077 ppbv
RT: 5.787 min Scan# 990
Delta R.T. -0.036 min
Lab File: VL040836.D
Acq: 13 Nov 2023 11:25

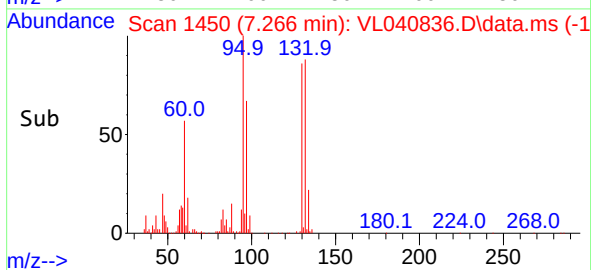
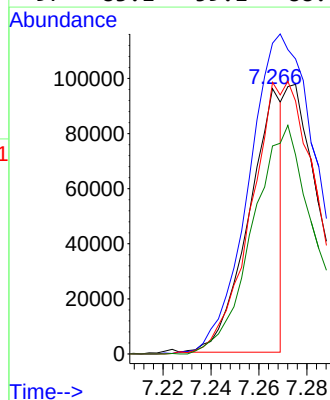
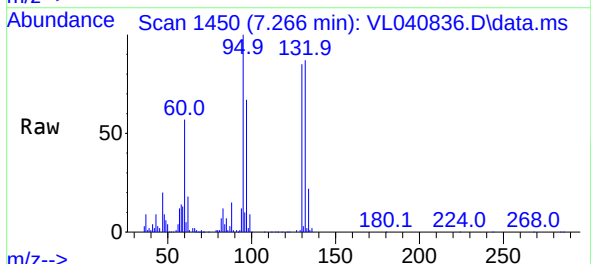
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC002

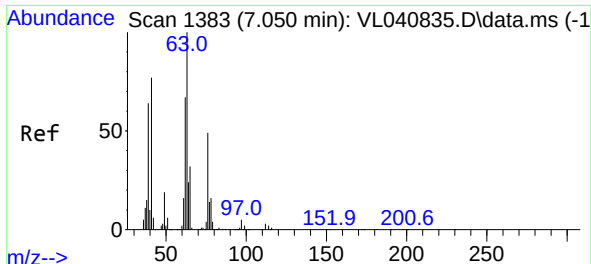
Tgt Ion: 62 Resp: 308424
Ion Ratio Lower Upper
62 100
98 5.8 4.6 6.8



#38
Trichloroethene
Concen: 0.942 ppbv
RT: 7.266 min Scan# 1450
Delta R.T. -0.032 min
Lab File: VL040836.D
Acq: 13 Nov 2023 11:25

Tgt Ion:130 Resp: 92178
Ion Ratio Lower Upper
130 100
95 123.4 92.4 138.6
132 107.7 75.1 112.7
97 83.1 59.1 88.7





#39

1,2-Dichloropropane

Concen: 2.114 ppbv

RT: 7.053 min Scan# 11

Delta R.T. -0.029 min

Lab File: VL040836.D

Acq: 13 Nov 2023 11:25

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

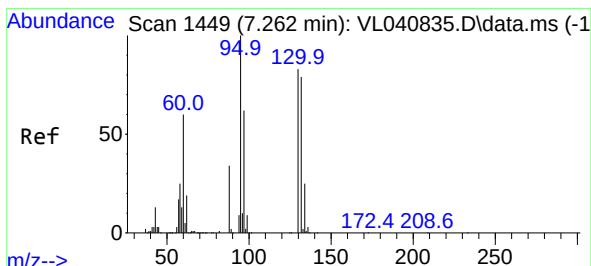
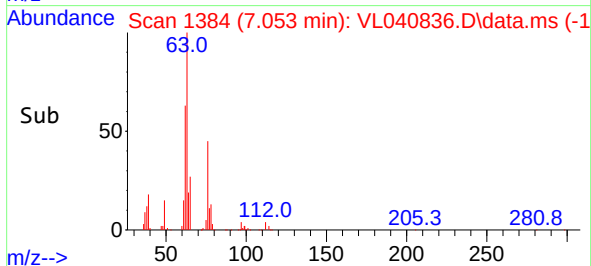
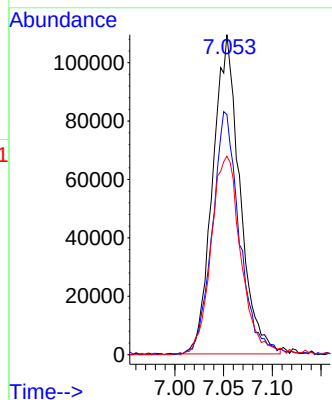
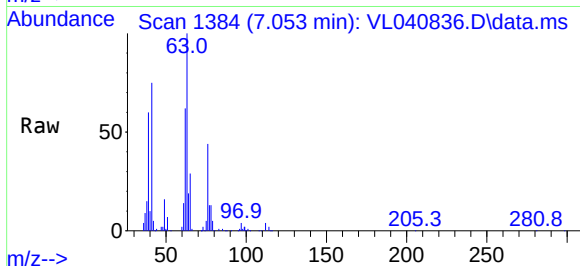
Tgt Ion: 63 Resp: 211078

Ion Ratio Lower Upper

63 100

41 74.6 61.5 92.3

62 62.1 53.9 80.9



#40

1,4-Dioxane

Concen: 0.556 ppbv

RT: 7.269 min Scan# 1451

Delta R.T. -0.023 min

Lab File: VL040836.D

Acq: 13 Nov 2023 11:25

Tgt Ion: 88 Resp: 22025

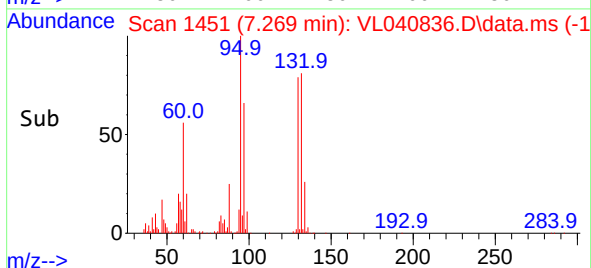
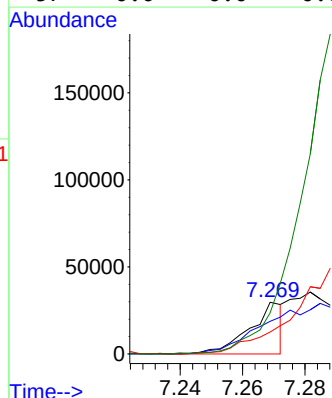
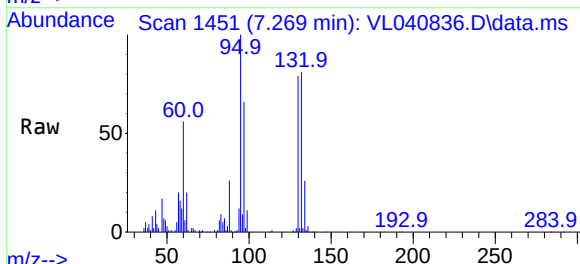
Ion Ratio Lower Upper

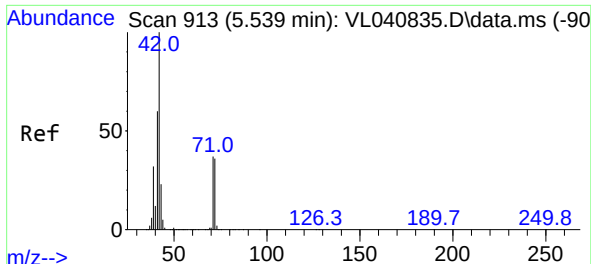
88 100

58 0.0 101.0 151.6#

43 0.0 0.0 0.0

57 0.0 0.0 0.0





#41

Tetrahydrofuran

Concen: 2.077 ppbv

RT: 5.549 min Scan# 913

Delta R.T. -0.026 min

Lab File: VL040836.D

Acq: 13 Nov 2023 11:25

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

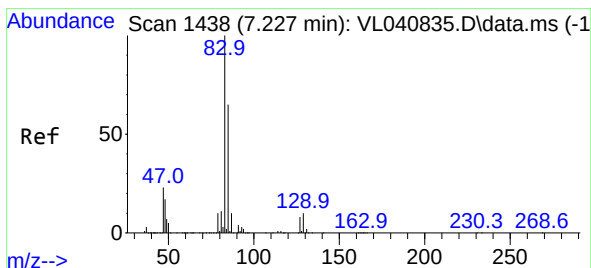
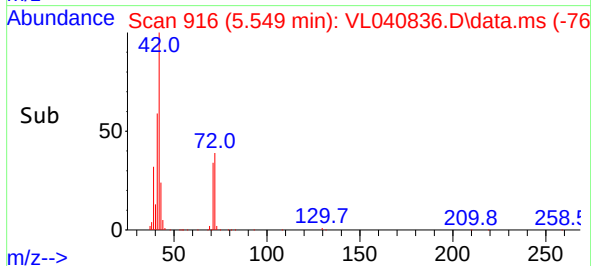
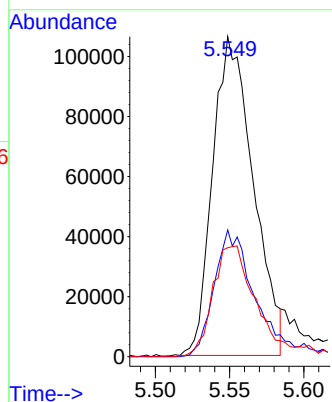
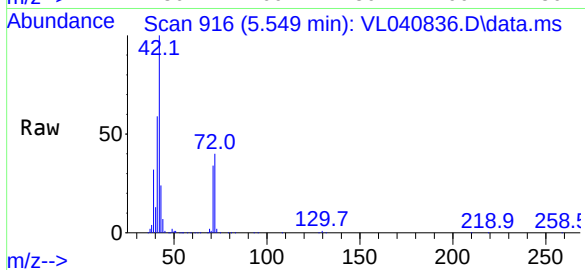
Tgt Ion: 42 Resp: 202110

Ion Ratio Lower Upper

42 100

72 41.9 30.8 46.2

71 38.0 30.0 45.0



#42

Bromodichloromethane

Concen: 2.121 ppbv

RT: 7.227 min Scan# 1438

Delta R.T. -0.032 min

Lab File: VL040836.D

Acq: 13 Nov 2023 11:25

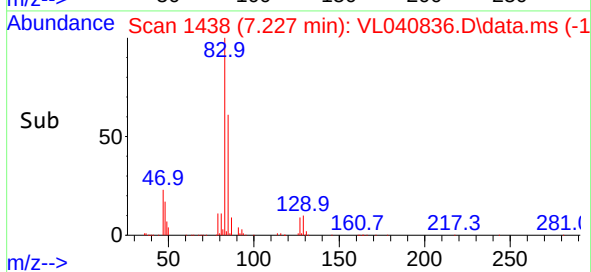
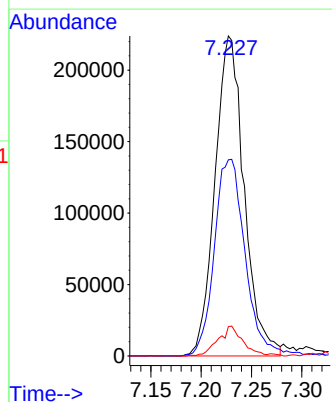
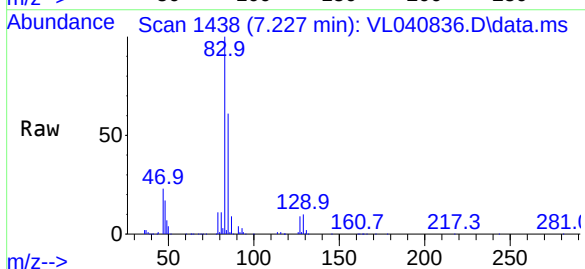
Tgt Ion: 83 Resp: 450844

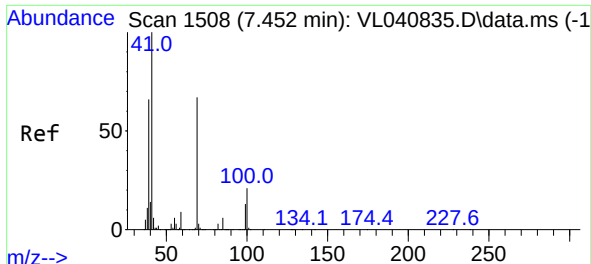
Ion Ratio Lower Upper

83 100

85 61.3 52.3 78.5

127 9.1 6.6 10.0





#43

Methyl Methacrylate

Concen: 2.214 ppbv

RT: 7.455 min Scan# 1509

Delta R.T. -0.023 min

Lab File: VL040836.D

Acq: 13 Nov 2023 11:25

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

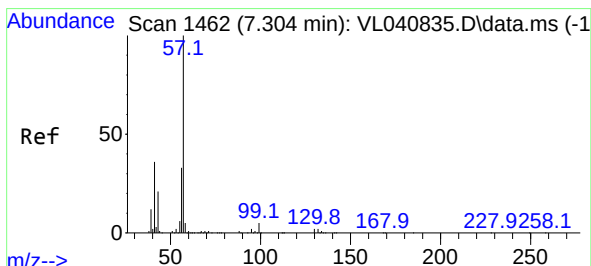
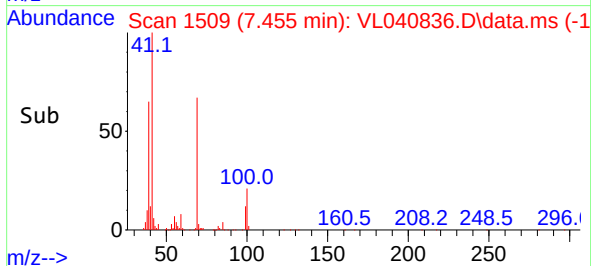
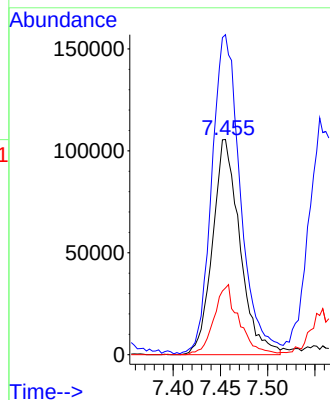
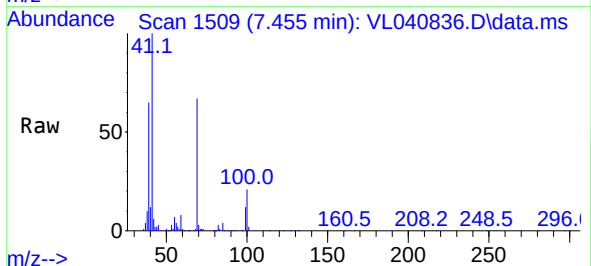
Tgt Ion: 69 Resp: 212435

Ion Ratio Lower Upper

69 100

41 154.5 123.0 184.4

100 29.8 25.4 38.2



#44

2,2,4-Trimethylpentane

Concen: 2.172 ppbv

RT: 7.304 min Scan# 1462

Delta R.T. -0.029 min

Lab File: VL040836.D

Acq: 13 Nov 2023 11:25

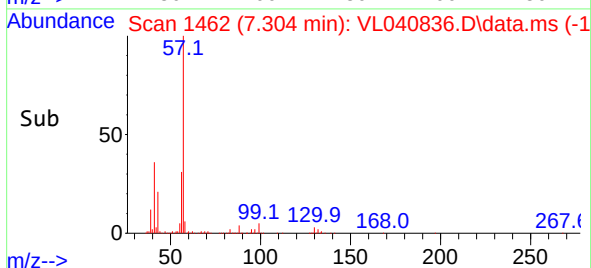
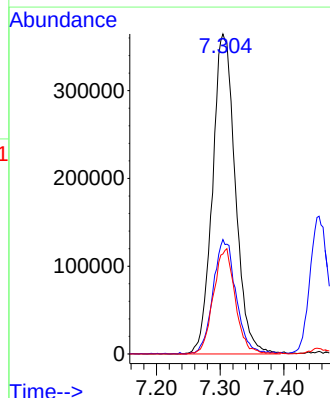
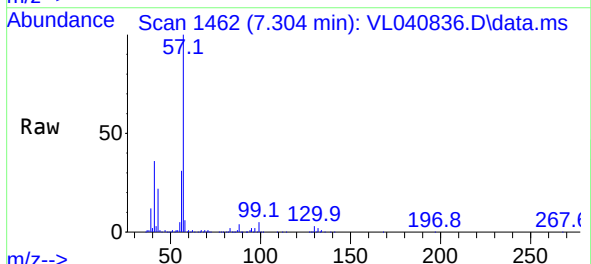
Tgt Ion: 57 Resp: 908602

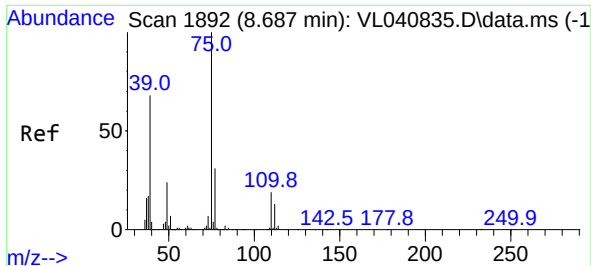
Ion Ratio Lower Upper

57 100

41 36.0 29.0 43.6

56 31.6 25.2 37.8

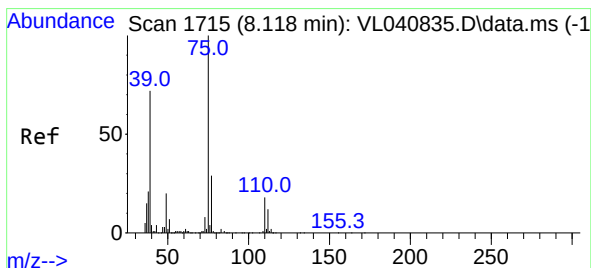
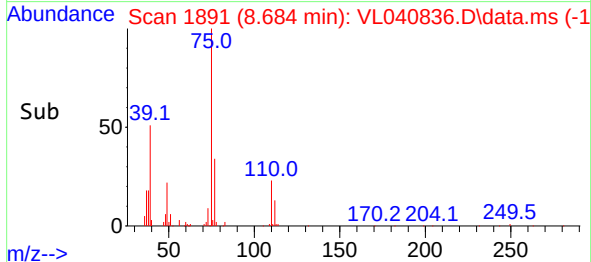
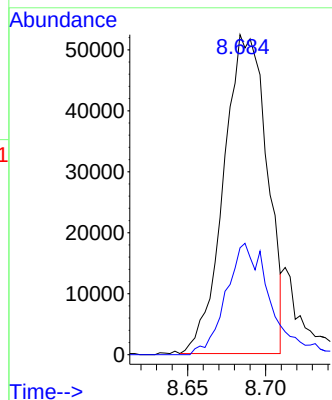
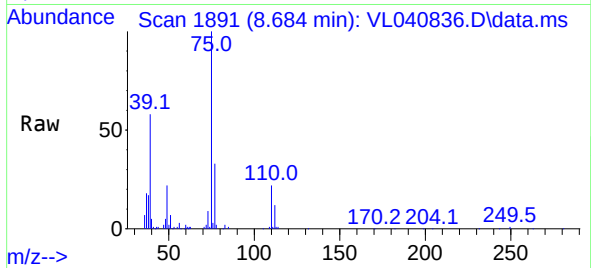




#45
t-1,3-Dichloropropene
Concen: 1.793 ppbv
RT: 8.684 min Scan# 1892
Delta R.T. -0.026 min
Lab File: VL040836.D
Acq: 13 Nov 2023 11:25

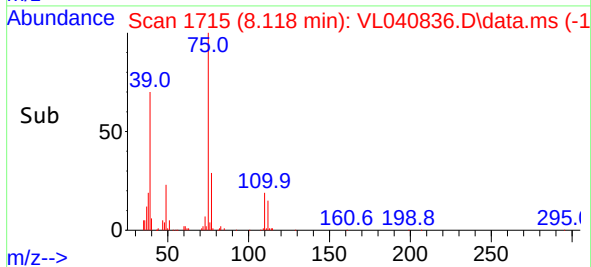
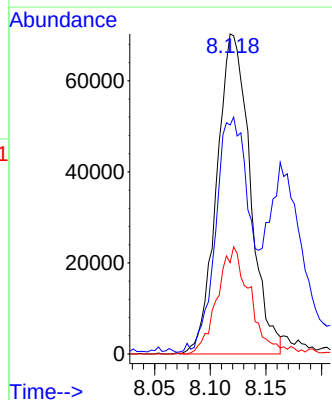
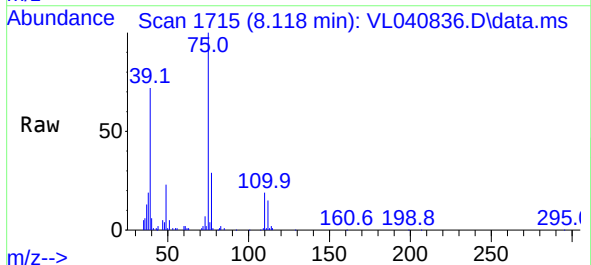
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

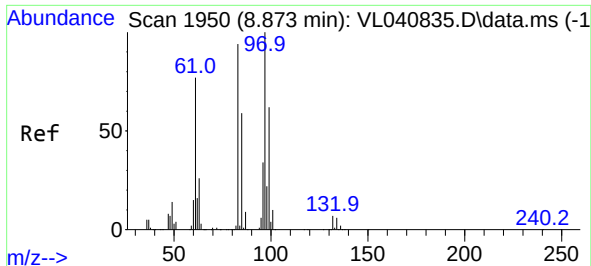
Tgt Ion: 75 Resp: 101083
Ion Ratio Lower Upper
75 100
77 34.3 24.9 37.3



#46
cis-1,3-Dichloropropene
Concen: 2.006 ppbv
RT: 8.118 min Scan# 1715
Delta R.T. -0.029 min
Lab File: VL040836.D
Acq: 13 Nov 2023 11:25

Tgt Ion: 75 Resp: 146668
Ion Ratio Lower Upper
75 100
39 70.9 57.3 85.9
77 28.2 23.0 34.6

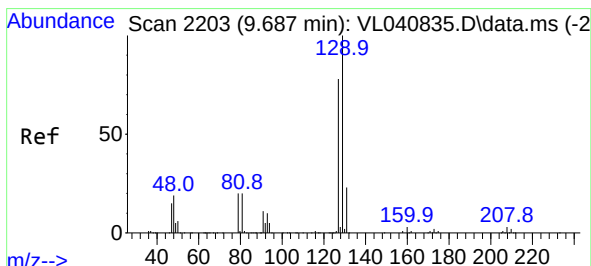
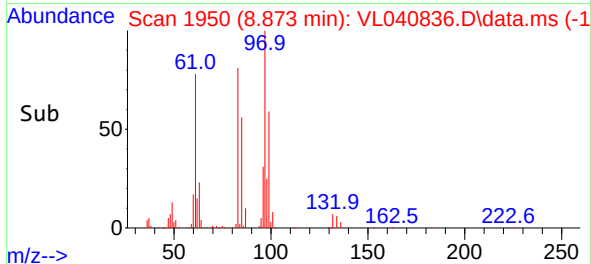
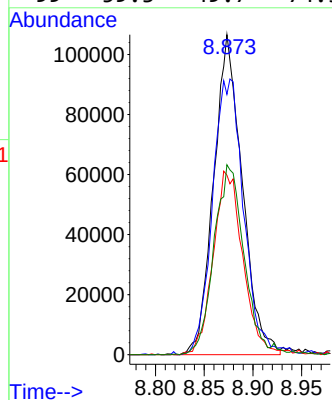
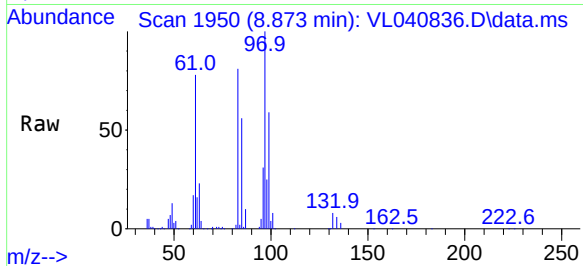




#47
1,1,2-Trichloroethane
Concen: 2.079 ppbv
RT: 8.873 min Scan# 1950
Delta R.T. -0.026 min
Lab File: VL040836.D
Acq: 13 Nov 2023 11:25

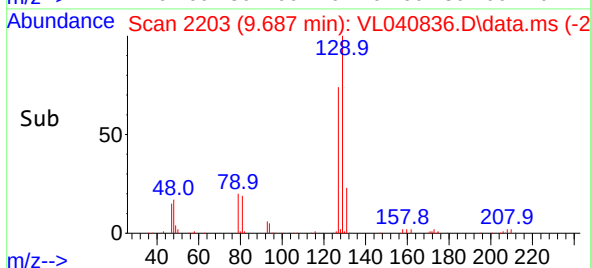
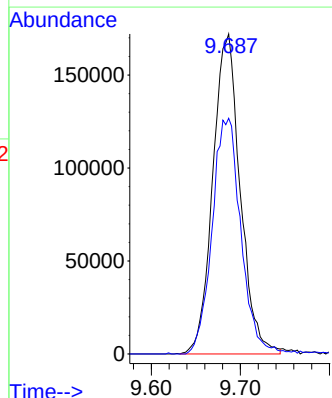
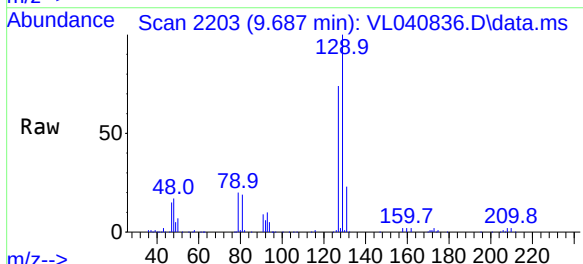
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

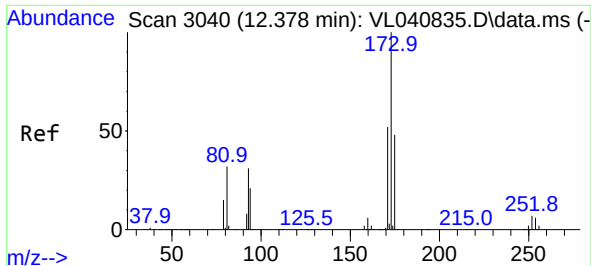
Tgt Ion: 97 Resp: 217510
Ion Ratio Lower Upper
97 100
83 81.3 74.8 112.2
85 56.1 47.4 71.0
99 59.3 49.7 74.5



#48
Dibromochloromethane
Concen: 2.119 ppbv
RT: 9.687 min Scan# 2203
Delta R.T. -0.026 min
Lab File: VL040836.D
Acq: 13 Nov 2023 11:25

Tgt Ion: 129 Resp: 367850
Ion Ratio Lower Upper
129 100
127 78.0 39.3 117.9

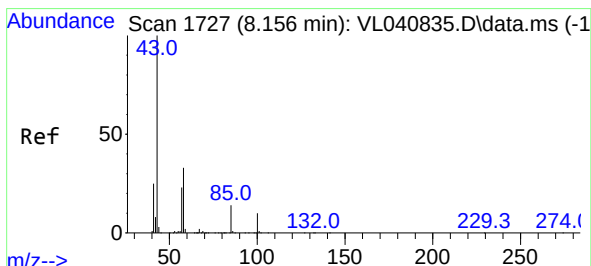
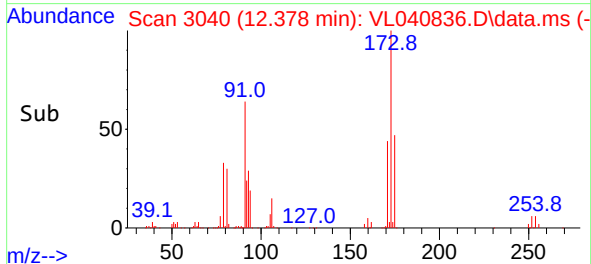
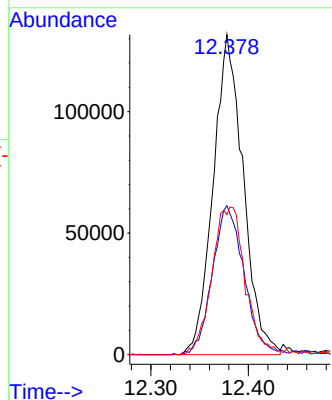
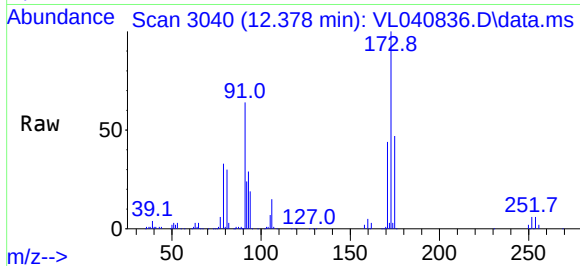




#49
Bromoform
Concen: 2.162 ppbv
RT: 12.378 min Scan# 3040
Delta R.T. -0.026 min
Lab File: VL040836.D
Acq: 13 Nov 2023 11:25

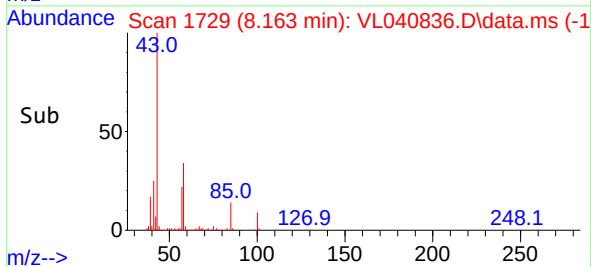
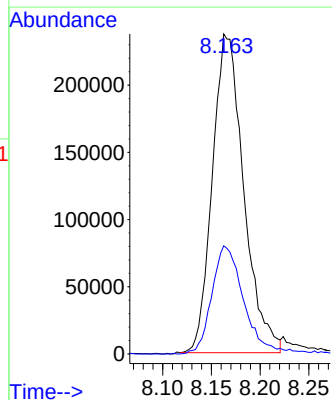
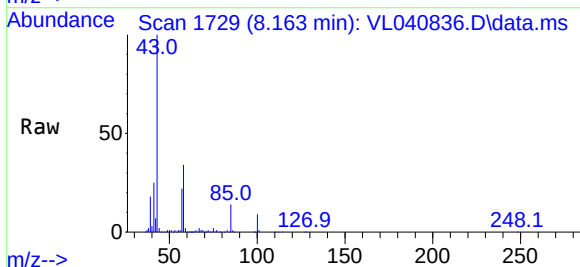
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

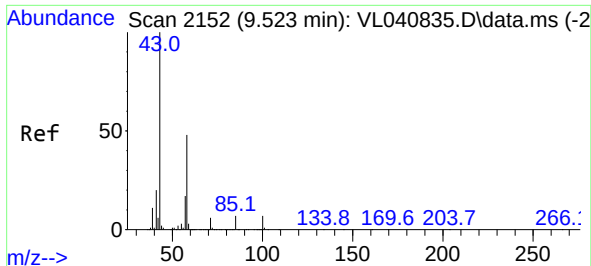
Tgt Ion:173 Resp: 282315
Ion Ratio Lower Upper
173 100
175 49.5 39.0 58.6
171 51.8 41.8 62.6



#50
4-Methyl-2-Pentanone
Concen: 2.170 ppbv
RT: 8.163 min Scan# 1729
Delta R.T. -0.023 min
Lab File: VL040836.D
Acq: 13 Nov 2023 11:25

Tgt Ion: 43 Resp: 530813
Ion Ratio Lower Upper
43 100
58 35.0 27.8 41.6

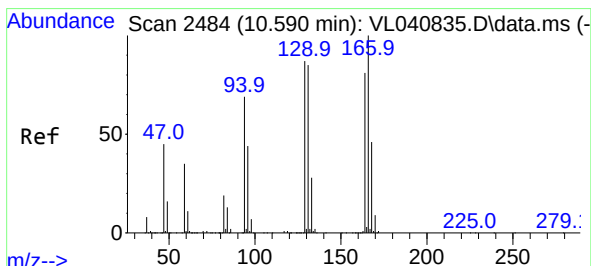
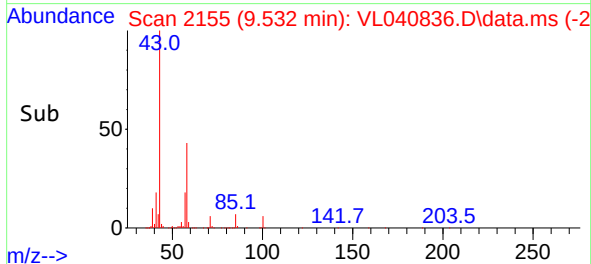
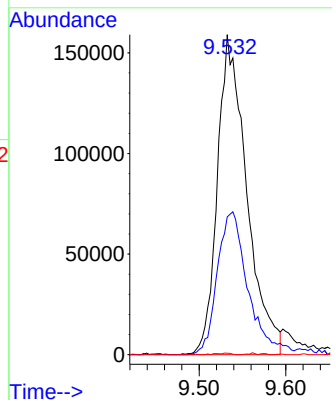
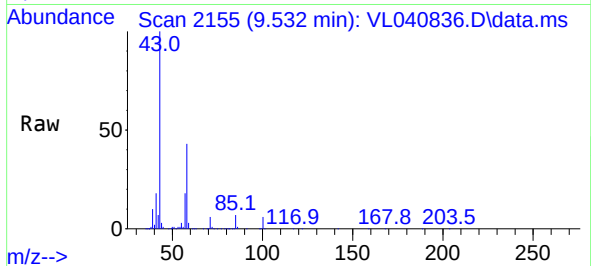




#51
2-Hexanone
Concen: 2.166 ppbv
RT: 9.532 min Scan# 2152
Delta R.T. -0.016 min
Lab File: VL040836.D
Acq: 13 Nov 2023 11:25

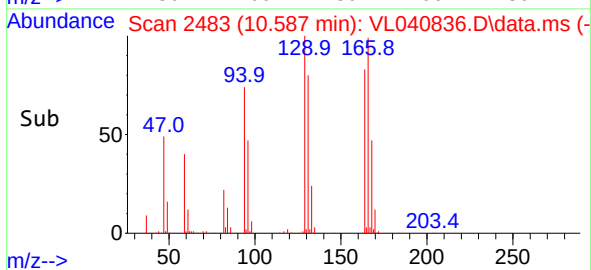
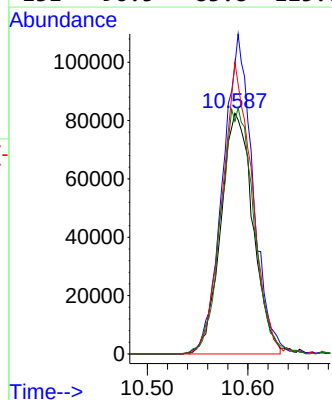
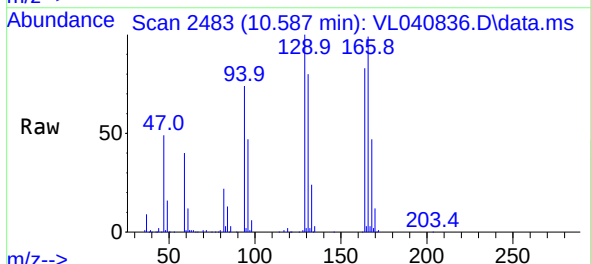
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

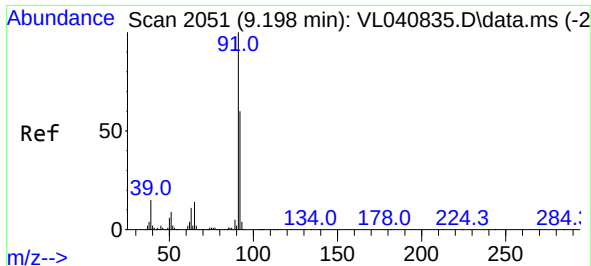
Tgt Ion: 43 Resp: 373392
Ion Ratio Lower Upper
43 100
58 48.4 37.4 56.2
98 0.3 0.2 0.2#



#52
Tetrachloroethene
Concen: 2.162 ppbv
RT: 10.587 min Scan# 2483
Delta R.T. -0.029 min
Lab File: VL040836.D
Acq: 13 Nov 2023 11:25

Tgt Ion: 164 Resp: 183317
Ion Ratio Lower Upper
164 100
166 120.0 98.3 147.5
129 121.2 85.1 127.7
131 96.5 83.8 125.6

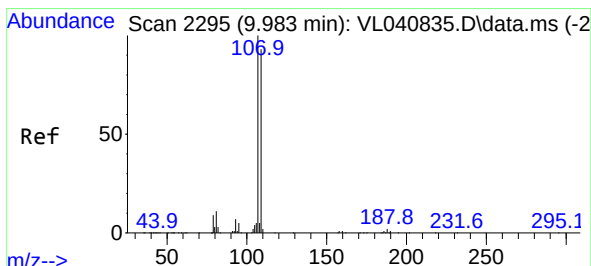
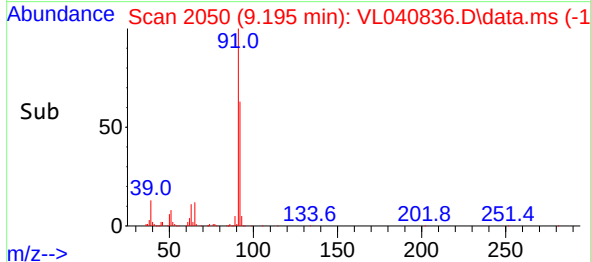
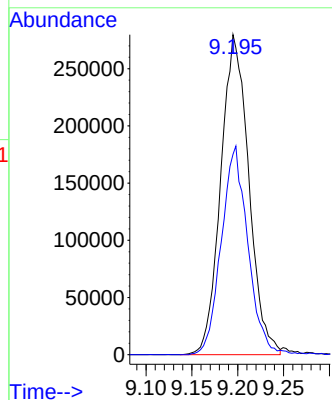
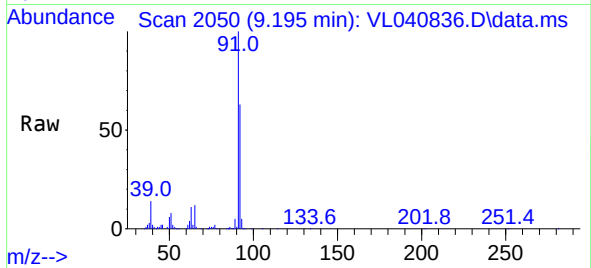




#53
Toluene
Concen: 2.143 ppbv
RT: 9.195 min Scan# 2051
Delta R.T. -0.029 min
Lab File: VL040836.D
Acq: 13 Nov 2023 11:25

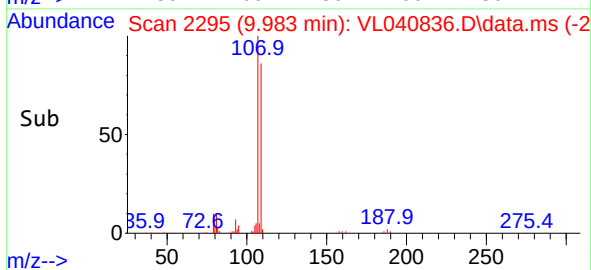
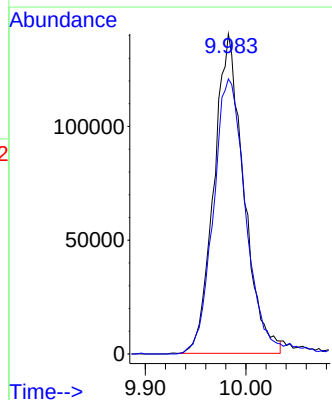
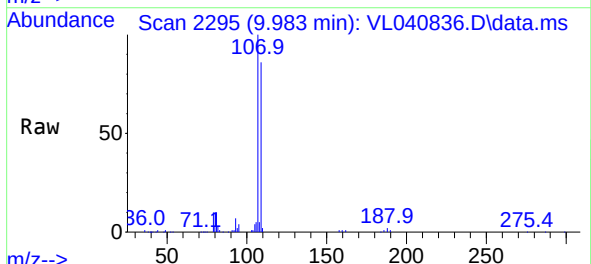
Instrument : MSVOA_L
ClientSampleId : VSTDIC002

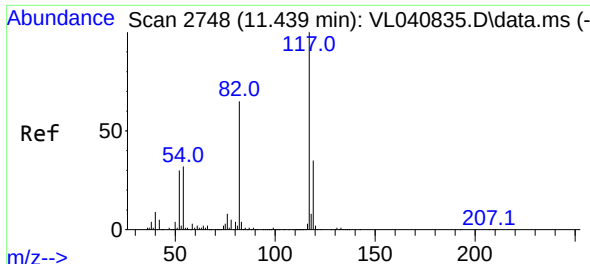
Tgt Ion: 91 Resp: 593693
Ion Ratio Lower Upper
91 100
92 62.2 49.4 74.2



#54
1,2-Dibromoethane
Concen: 2.146 ppbv
RT: 9.983 min Scan# 2295
Delta R.T. -0.026 min
Lab File: VL040836.D
Acq: 13 Nov 2023 11:25

Tgt Ion: 107 Resp: 288890
Ion Ratio Lower Upper
107 100
109 85.9 74.5 111.7

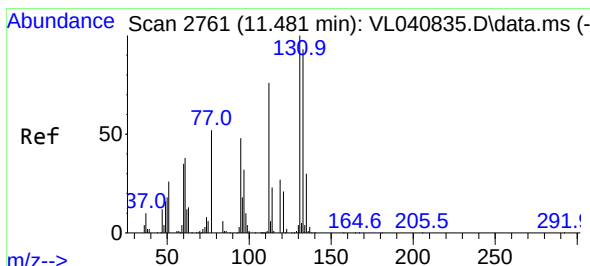
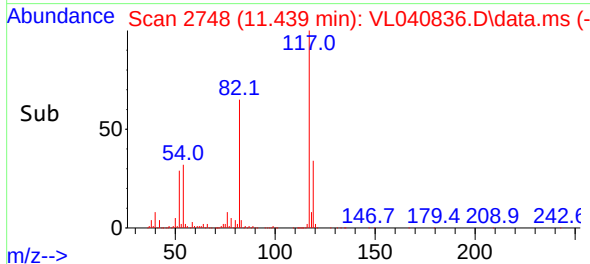
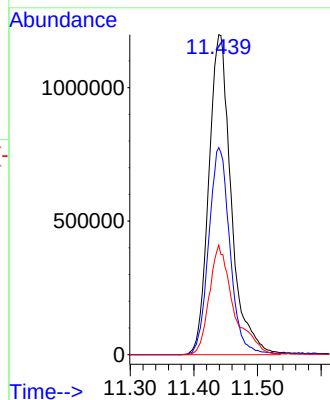
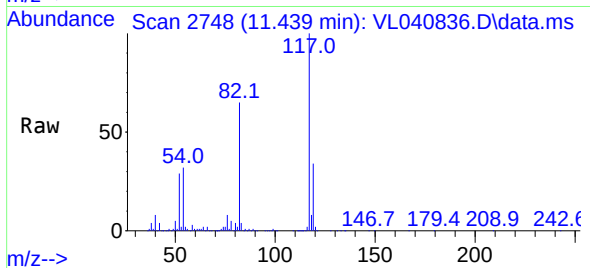




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.439 min Scan# 21
Delta R.T. -0.023 min
Lab File: VL040836.D
Acq: 13 Nov 2023 11:25

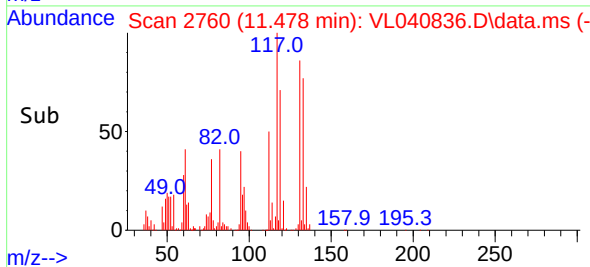
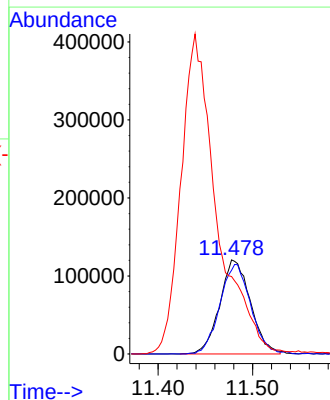
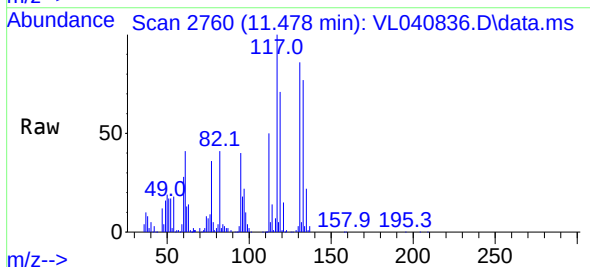
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

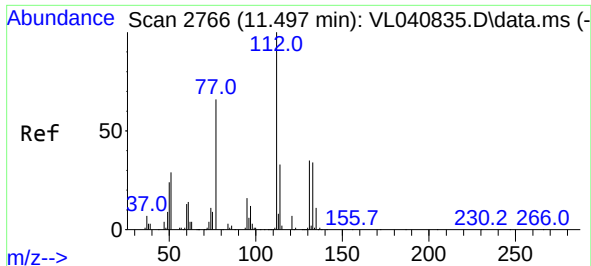
Tgt Ion:117 Resp: 2926579
Ion Ratio Lower Upper
117 100
82 61.8 50.6 75.8
119 37.2 23.3 34.9#



#56
1,1,1,2-Tetrachloroethane
Concen: 2.164 ppbv
RT: 11.478 min Scan# 2760
Delta R.T. -0.029 min
Lab File: VL040836.D
Acq: 13 Nov 2023 11:25

Tgt Ion:131 Resp: 271052
Ion Ratio Lower Upper
131 100
133 96.0 76.4 114.6
119 402.1 51.1 76.7#

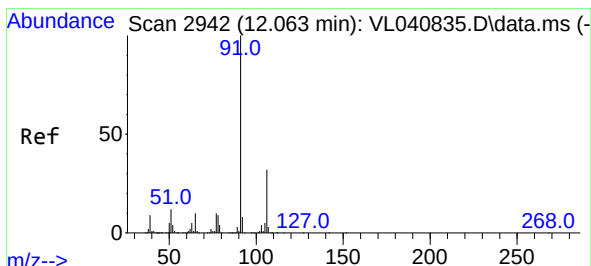
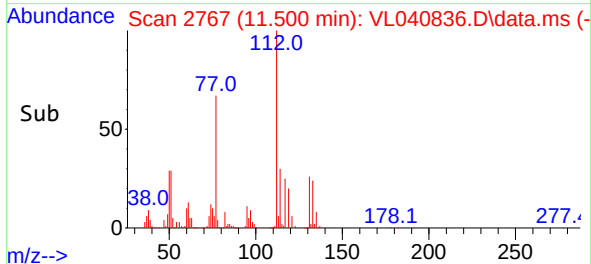
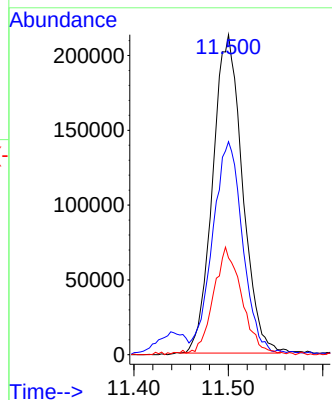
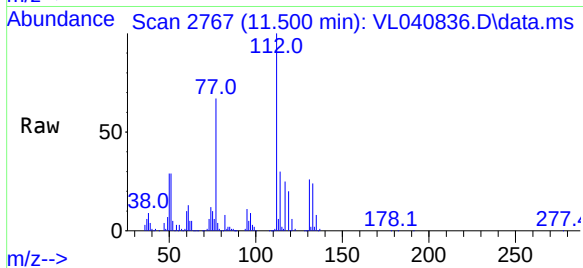




#57
Chlorobenzene
Concen: 2.148 ppbv
RT: 11.500 min Scan# 21
Delta R.T. -0.023 min
Lab File: VL040836.D
Acq: 13 Nov 2023 11:25

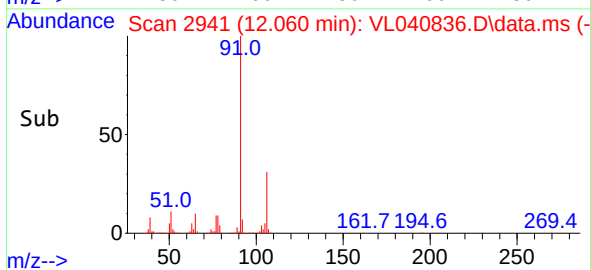
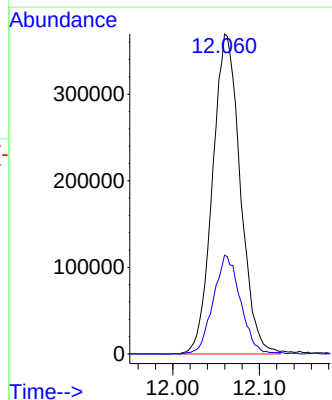
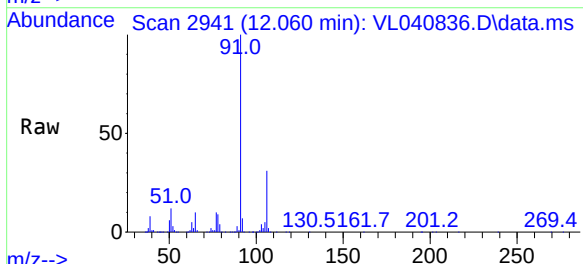
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

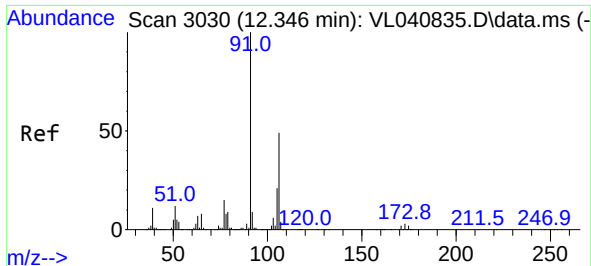
Tgt Ion:112 Resp: 466032
Ion Ratio Lower Upper
112 100
77 65.7 53.3 79.9
114 29.8 29.3 35.9



#58
Ethyl Benzene
Concen: 2.153 ppbv
RT: 12.060 min Scan# 2941
Delta R.T. -0.026 min
Lab File: VL040836.D
Acq: 13 Nov 2023 11:25

Tgt Ion: 91 Resp: 822118
Ion Ratio Lower Upper
91 100
106 30.9 25.2 37.8

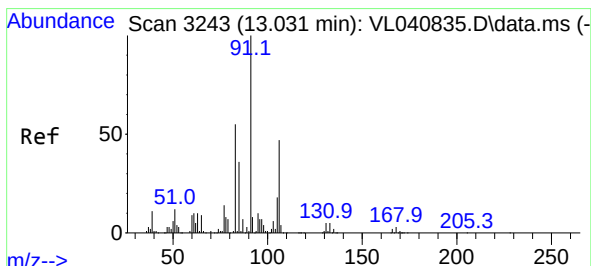
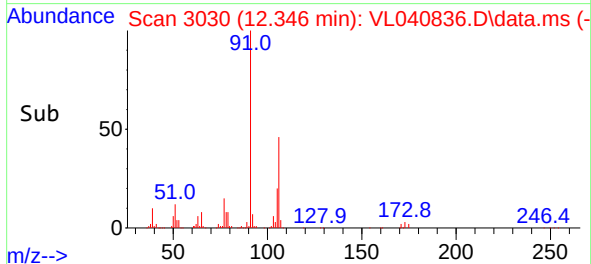
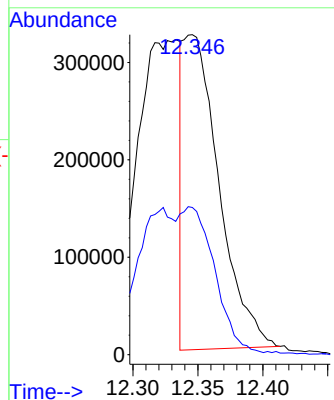
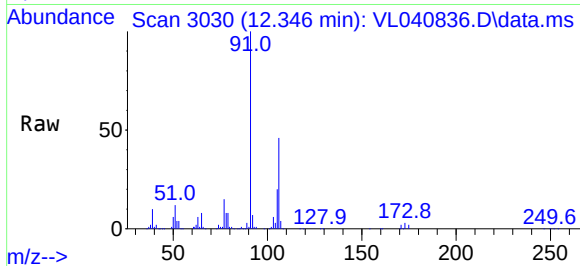




#59
m/p-Xylene
Concen: 1.898 ppbv
RT: 12.346 min Scan# 3030
Delta R.T. -0.023 min
Lab File: VL040836.D
Acq: 13 Nov 2023 11:25

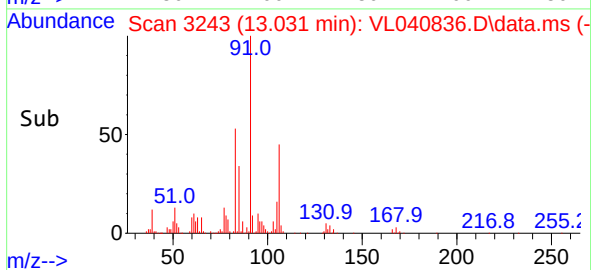
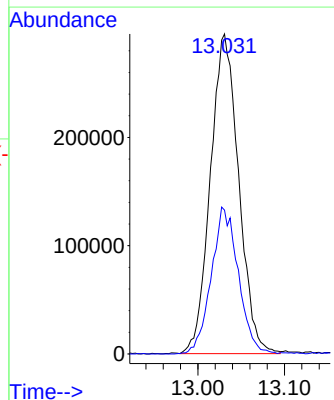
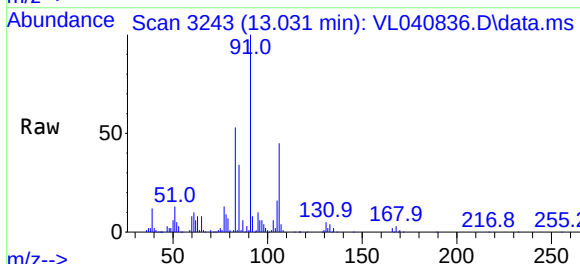
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

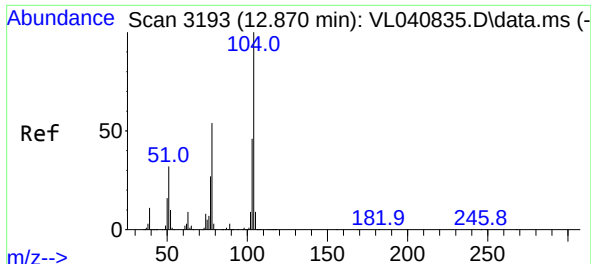
Tgt Ion: 91 Resp: 617078
Ion Ratio Lower Upper
91 100
106 97.7 35.4 53.0#



#60
o-Xylene
Concen: 2.167 ppbv
RT: 13.031 min Scan# 3243
Delta R.T. -0.023 min
Lab File: VL040836.D
Acq: 13 Nov 2023 11:25

Tgt Ion: 91 Resp: 670918
Ion Ratio Lower Upper
91 100
106 44.1 22.9 68.5

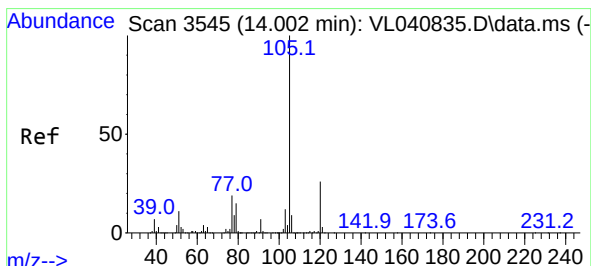
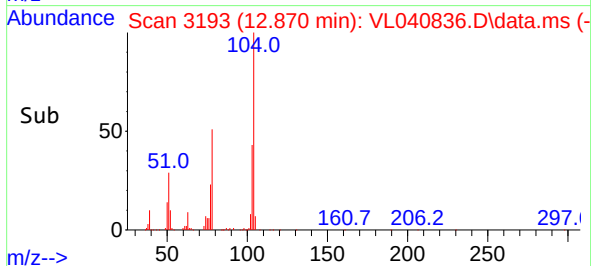
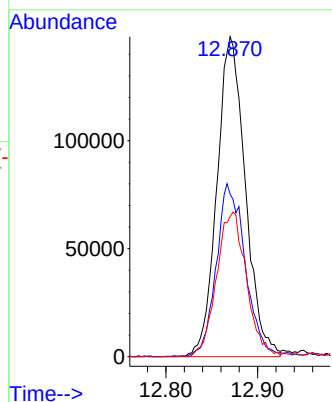
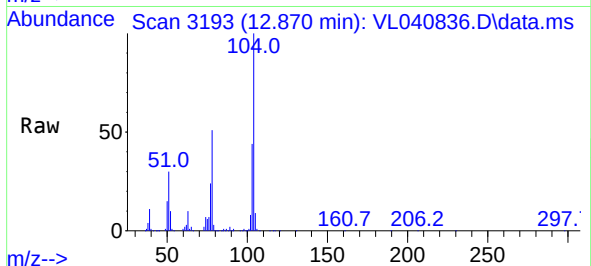




#61
Styrene
Concen: 2.138 ppbv
RT: 12.870 min Scan# 3193
Delta R.T. -0.023 min
Lab File: VL040836.D
Acq: 13 Nov 2023 11:25

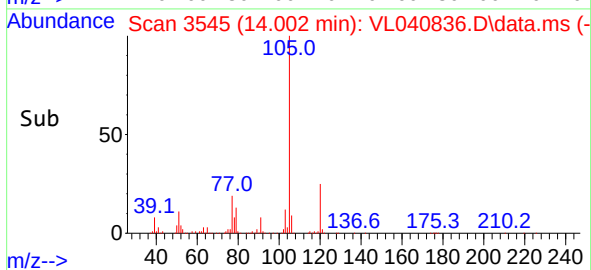
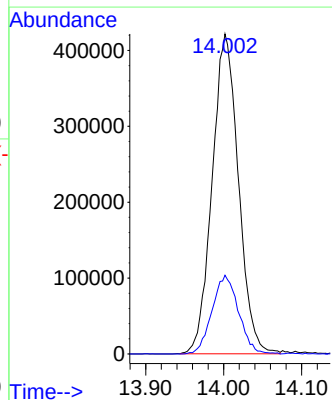
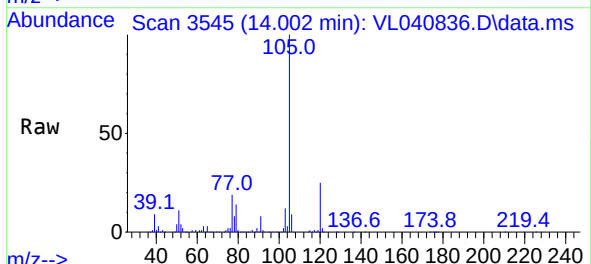
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

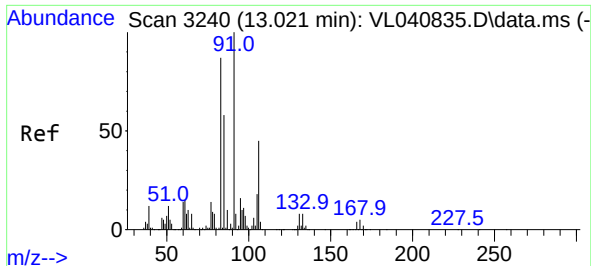
Tgt Ion:104 Resp: 319190
Ion Ratio Lower Upper
104 100
78 55.5 43.3 64.9
103 48.4 37.6 56.4



#62
Isopropylbenzene
Concen: 2.158 ppbv
RT: 14.002 min Scan# 3545
Delta R.T. -0.023 min
Lab File: VL040836.D
Acq: 13 Nov 2023 11:25

Tgt Ion:105 Resp: 986887
Ion Ratio Lower Upper
105 100
120 24.8 20.7 31.1

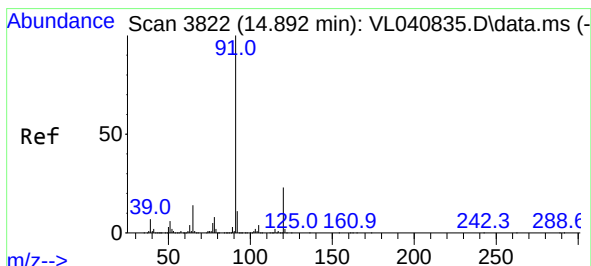
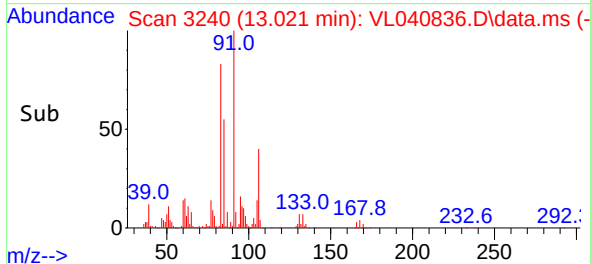
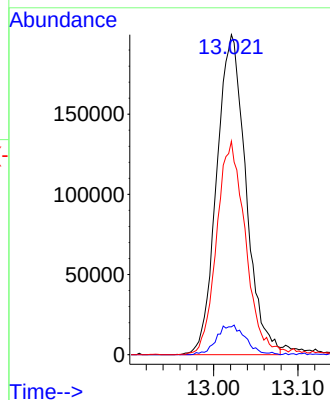
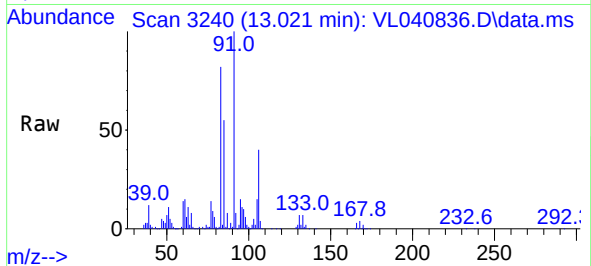




#63
1,1,2,2-Tetrachloroethane
Concen: 2.189 ppbv
RT: 13.021 min Scan# 31
Delta R.T. -0.019 min
Lab File: VL040836.D
Acq: 13 Nov 2023 11:25

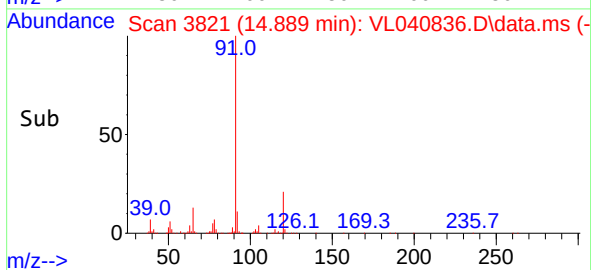
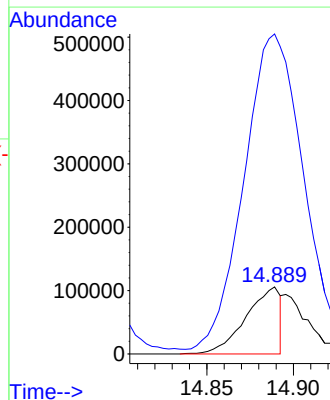
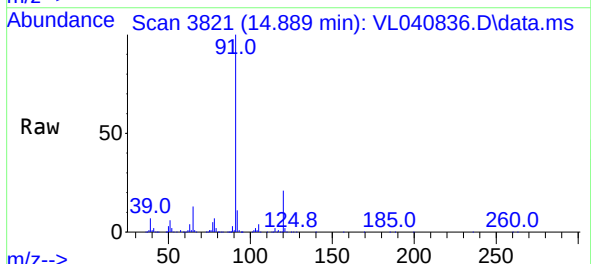
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

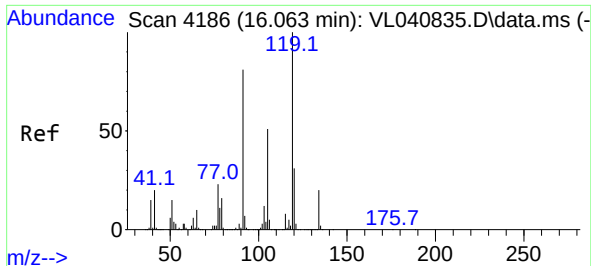
Tgt Ion: 83 Resp: 480207
Ion Ratio Lower Upper
83 100
131 9.5 4.5 13.7
85 67.0 32.9 98.7



#64
n-propylbenzene
Concen: 1.278 ppbv
RT: 14.889 min Scan# 3821
Delta R.T. -0.019 min
Lab File: VL040836.D
Acq: 13 Nov 2023 11:25

Tgt Ion: 120 Resp: 146528
Ion Ratio Lower Upper
120 100
91 853.4 381.1 571.7#

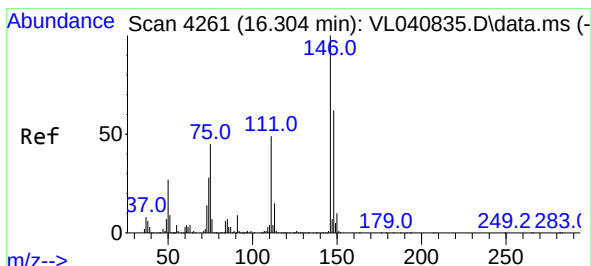
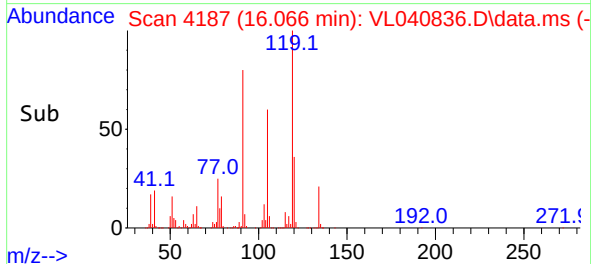
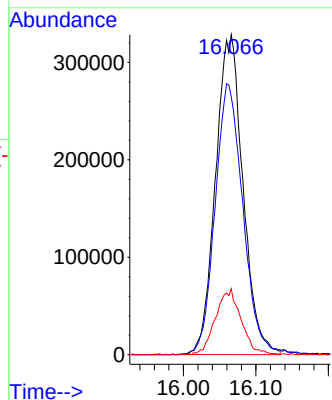
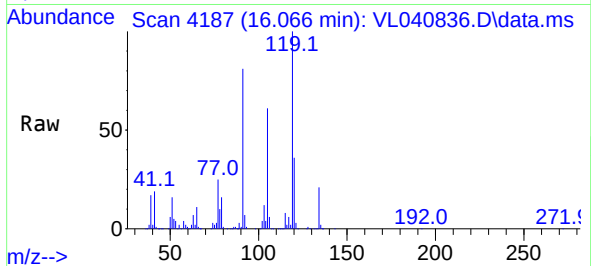




#65
tert-Butylbenzene
Concen: 2.235 ppbv
RT: 16.066 min Scan# 4186
Delta R.T. -0.016 min
Lab File: VL040836.D
Acq: 13 Nov 2023 11:25

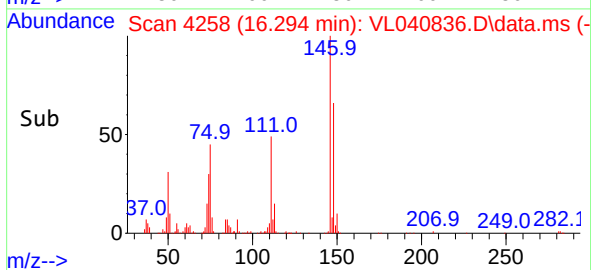
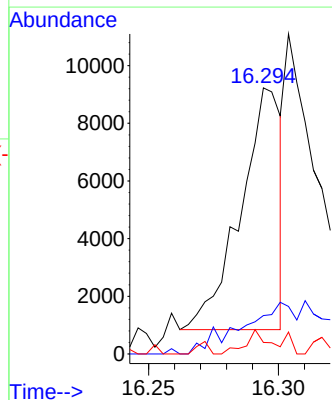
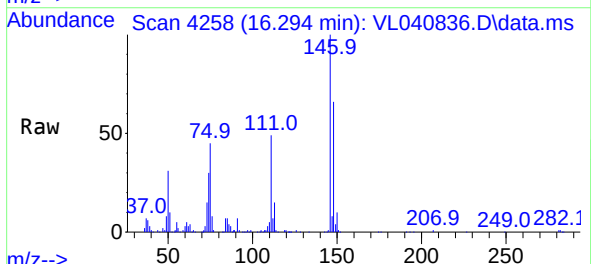
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

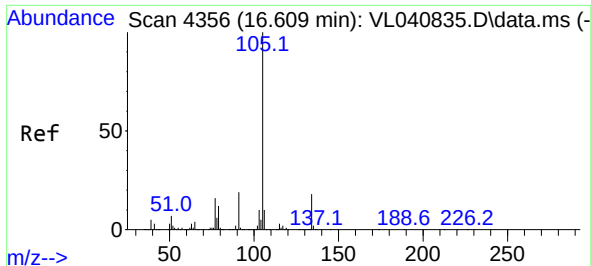
Tgt Ion:119 Resp: 861992
Ion Ratio Lower Upper
119 100
91 86.8 67.5 101.3
134 19.2 15.9 23.9



#66
Benzyl Chloride
Concen: 0.639 ppbv
RT: 16.294 min Scan# 4258
Delta R.T. -0.032 min
Lab File: VL040836.D
Acq: 13 Nov 2023 11:25

Tgt Ion: 91 Resp: 9086
Ion Ratio Lower Upper
91 100
126 0.0 12.8 19.2#
128 8.5 0.0 0.0#

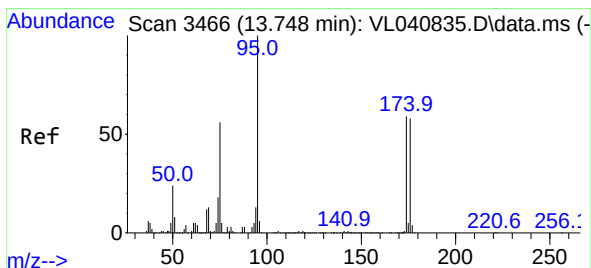
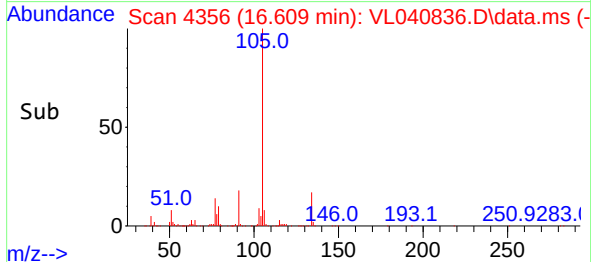
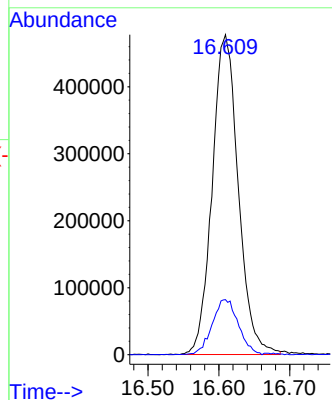
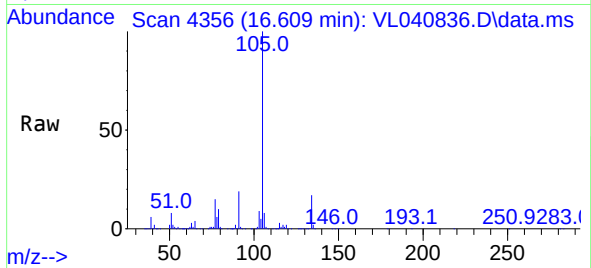




#67
 sec-Butylbenzene
 Concen: 2.219 ppbv
 RT: 16.609 min Scan# 4356
 Delta R.T. -0.019 min
 Lab File: VL040836.D
 Acq: 13 Nov 2023 11:25

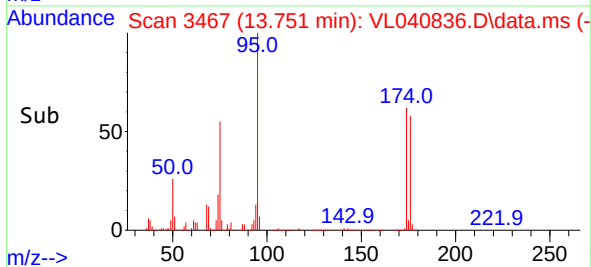
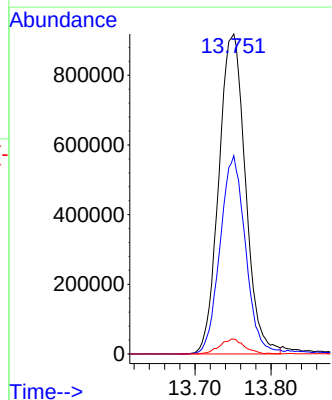
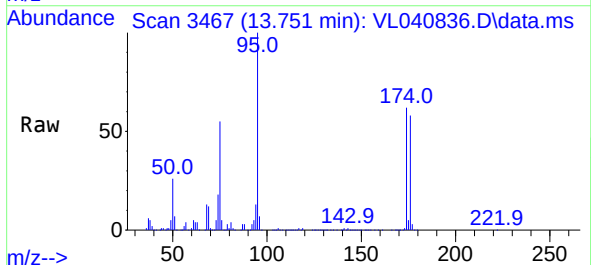
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

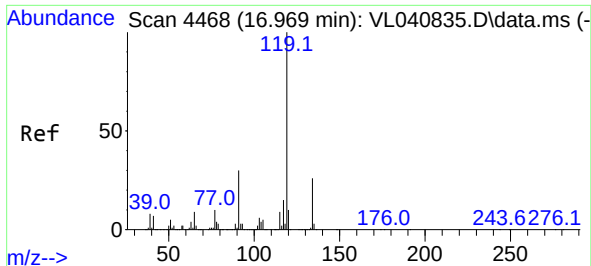
Tgt Ion:105 Resp: 1222125
 Ion Ratio Lower Upper
 105 100
 134 17.5 14.3 21.5



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.740 ppbv
 RT: 13.751 min Scan# 3467
 Delta R.T. -0.019 min
 Lab File: VL040836.D
 Acq: 13 Nov 2023 11:25

Tgt Ion: 95 Resp: 2231721
 Ion Ratio Lower Upper
 95 100
 174 60.7 47.5 71.3
 175 4.4 3.6 5.4

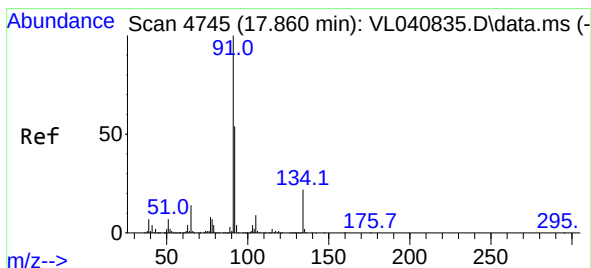
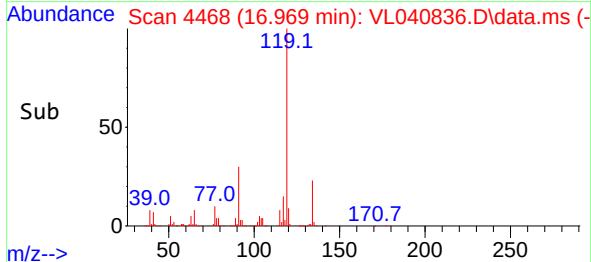
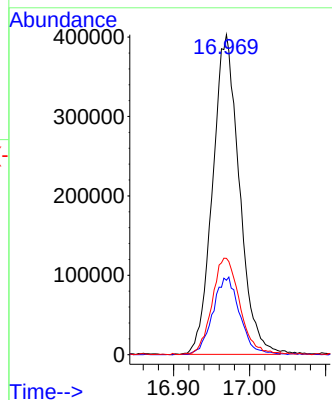
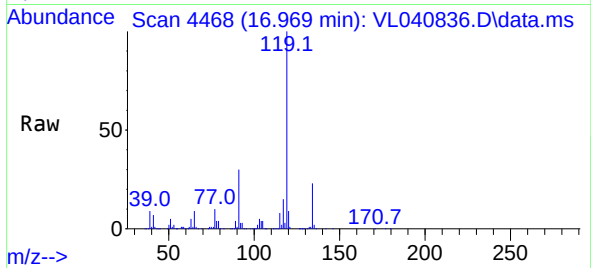




#69
p-Isopropyltoluene
Concen: 2.229 ppbv
RT: 16.969 min Scan# 4468
Delta R.T. -0.016 min
Lab File: VL040836.D
Acq: 13 Nov 2023 11:25

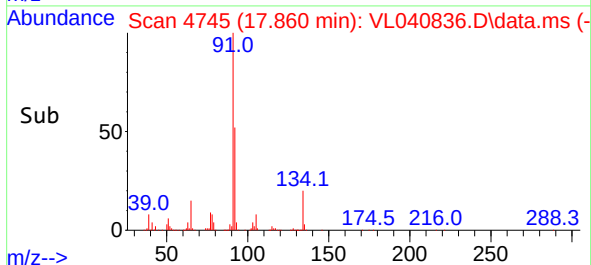
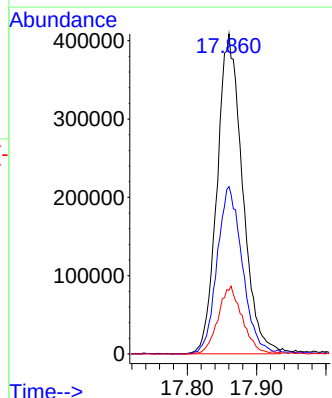
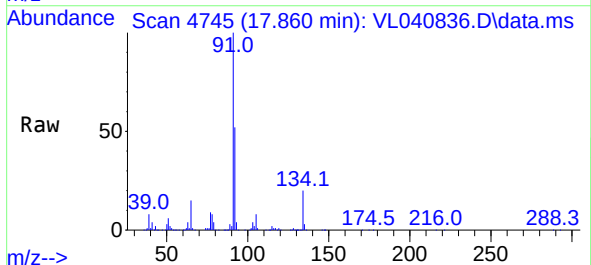
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

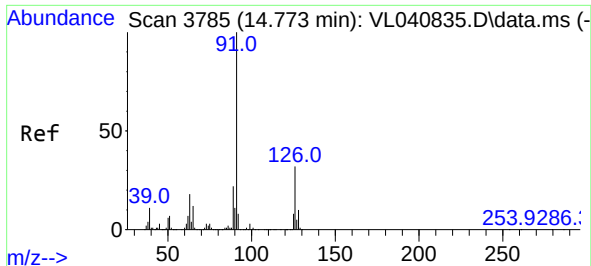
Tgt Ion:119 Resp: 979201
Ion Ratio Lower Upper
119 100
134 24.7 20.5 30.7
91 31.8 24.7 37.1



#70
n-Butylbenzene
Concen: 2.237 ppbv
RT: 17.860 min Scan# 4745
Delta R.T. -0.019 min
Lab File: VL040836.D
Acq: 13 Nov 2023 11:25

Tgt Ion: 91 Resp: 1037375
Ion Ratio Lower Upper
91 100
92 53.0 43.4 65.2
134 20.6 17.4 26.0

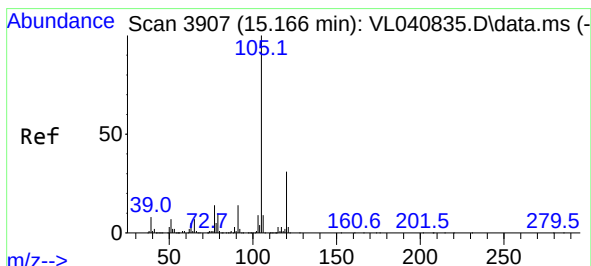
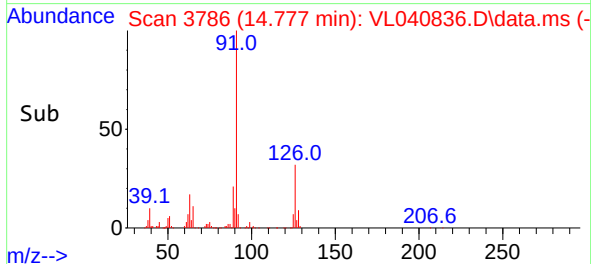
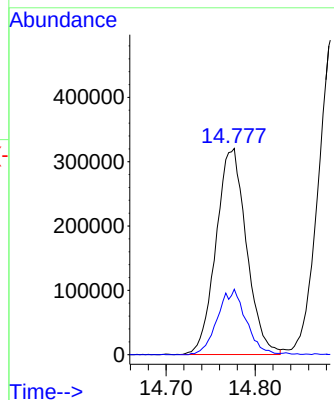
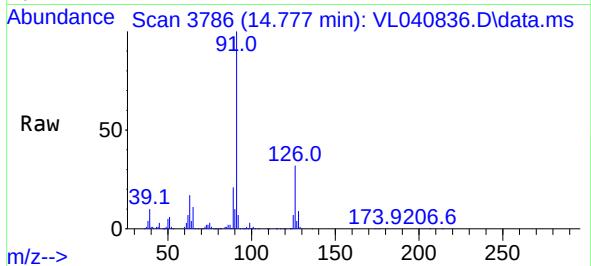




#71
2-Chlorotoluene
Concen: 2.180 ppbv
RT: 14.777 min Scan# 31
Delta R.T. -0.019 min
Lab File: VL040836.D
Acq: 13 Nov 2023 11:25

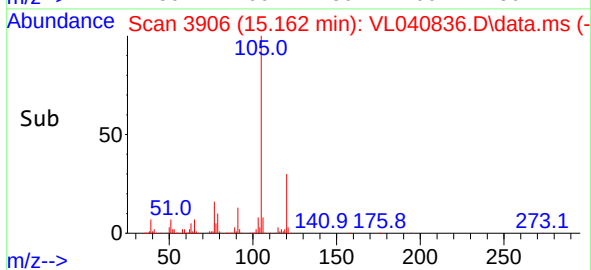
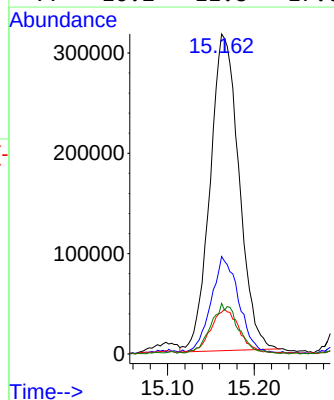
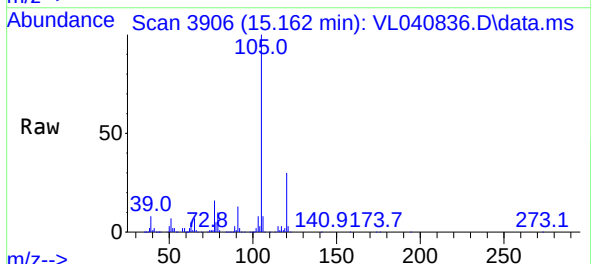
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

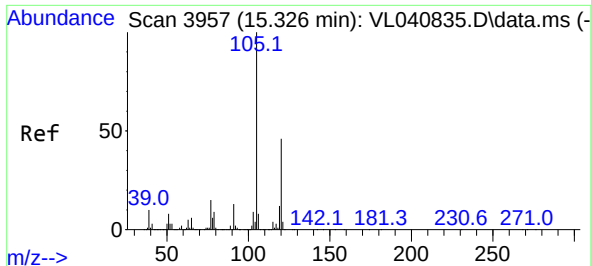
Tgt Ion: 91 Resp: 760034
Ion Ratio Lower Upper
91 100
126 30.3 12.1 48.5



#72
4-Ethyltoluene
Concen: 2.151 ppbv
RT: 15.162 min Scan# 3906
Delta R.T. -0.023 min
Lab File: VL040836.D
Acq: 13 Nov 2023 11:25

Tgt Ion:105 Resp: 732118
Ion Ratio Lower Upper
105 100
120 31.5 24.5 36.7
91 14.4 10.6 16.0
77 16.2 11.8 17.6

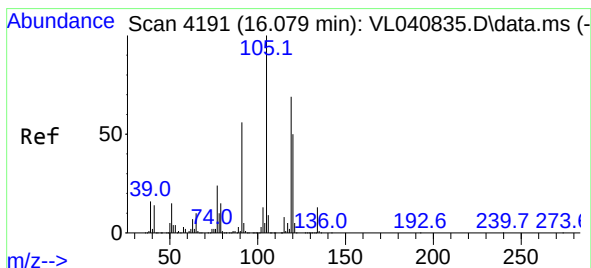
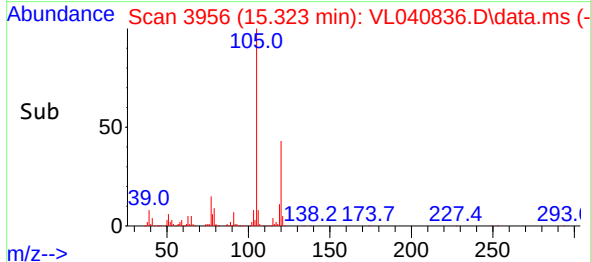
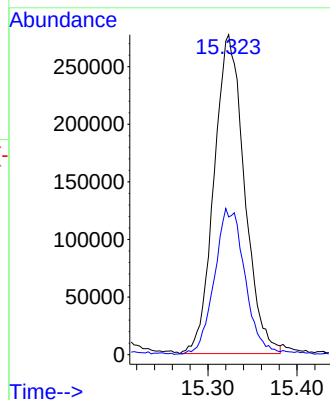
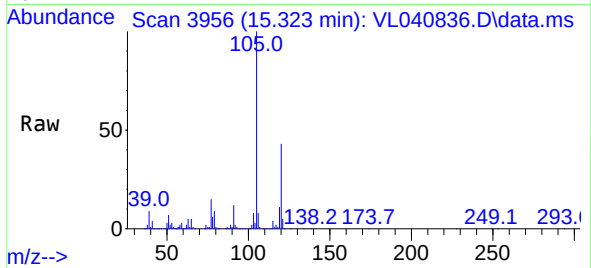




#73
 1,3,5-Trimethylbenzene
 Concen: 2.181 ppbv
 RT: 15.323 min Scan# 3956
 Delta R.T. -0.019 min
 Lab File: VL040836.D
 Acq: 13 Nov 2023 11:25

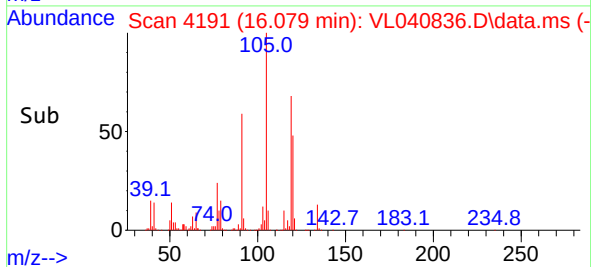
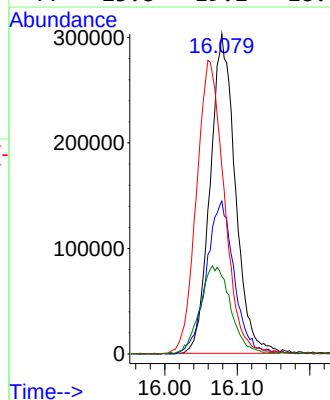
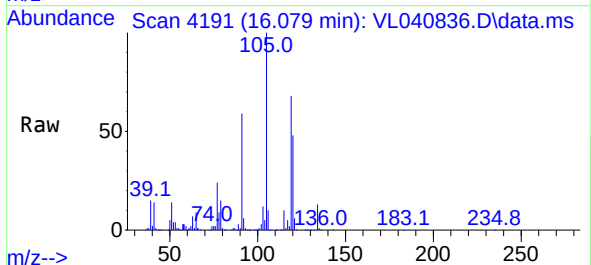
Instrument :
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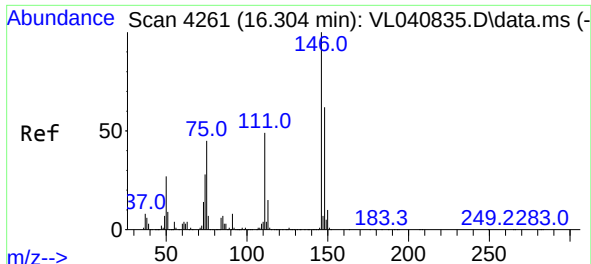
Tgt Ion:105 Resp: 656370
 Ion Ratio Lower Upper
 105 100
 120 43.0 36.8 55.2



#74
 1,2,4-Trimethylbenzene
 Concen: 2.172 ppbv
 RT: 16.079 min Scan# 4191
 Delta R.T. -0.023 min
 Lab File: VL040836.D
 Acq: 13 Nov 2023 11:25

Tgt Ion:105 Resp: 729478
 Ion Ratio Lower Upper
 105 100
 120 47.1 40.2 60.2
 91 58.1 45.7 68.5
 77 23.8 19.2 28.8

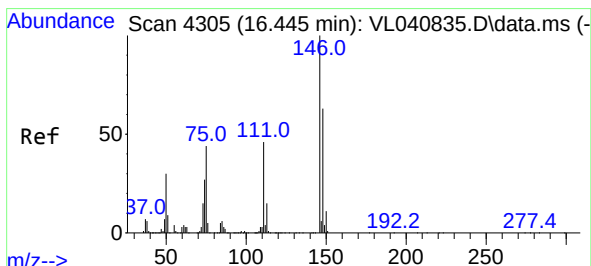
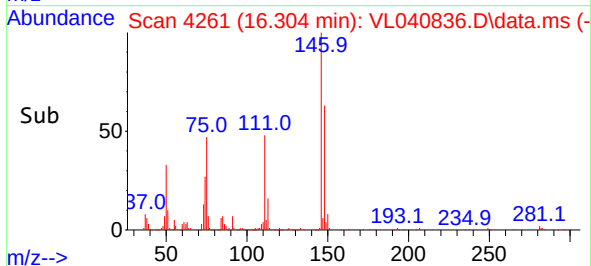
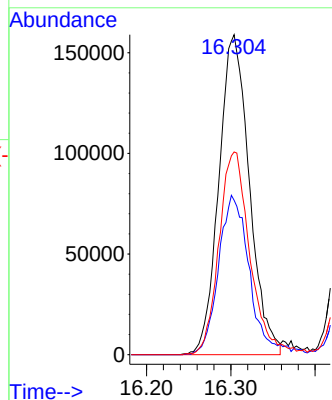
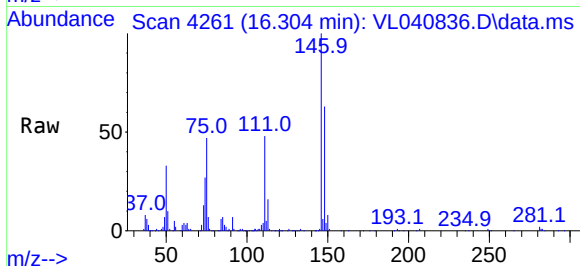




#75
1,3-Dichlorobenzene
Concen: 2.155 ppbv
RT: 16.304 min Scan# 41
Delta R.T. -0.019 min
Lab File: VL040836.D
Acq: 13 Nov 2023 11:25

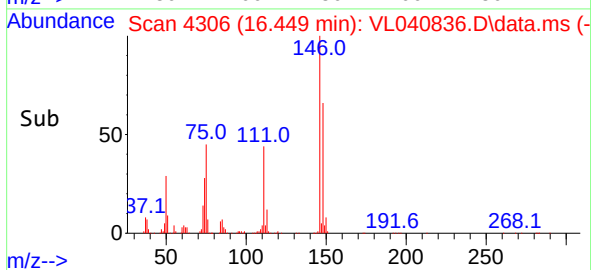
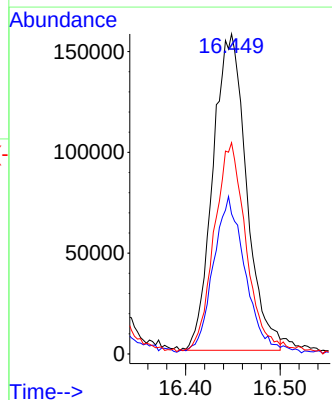
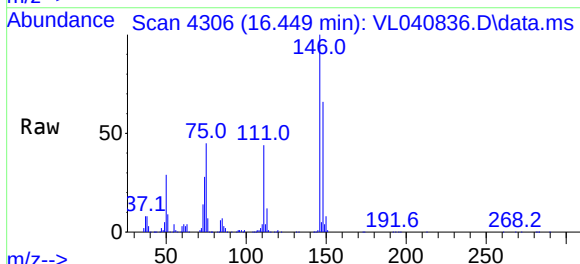
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

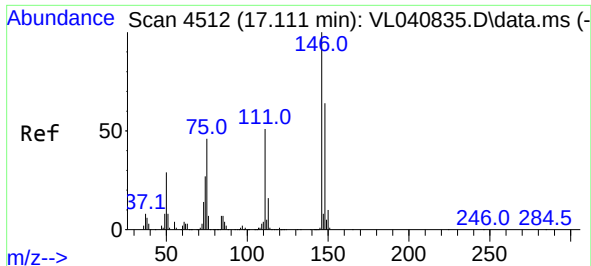
Tgt Ion:146 Resp: 399668
Ion Ratio Lower Upper
146 100
111 50.9 24.9 74.8
148 64.6 32.1 96.5



#76
1,4-Dichlorobenzene
Concen: 2.182 ppbv
RT: 16.449 min Scan# 4306
Delta R.T. -0.016 min
Lab File: VL040836.D
Acq: 13 Nov 2023 11:25

Tgt Ion:146 Resp: 387414
Ion Ratio Lower Upper
146 100
111 46.8 24.1 72.4
148 65.6 32.3 96.9

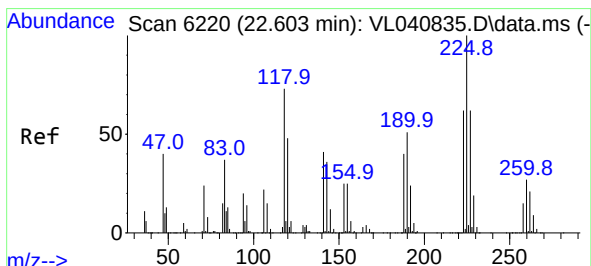
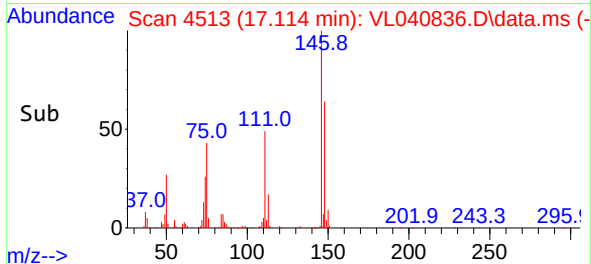
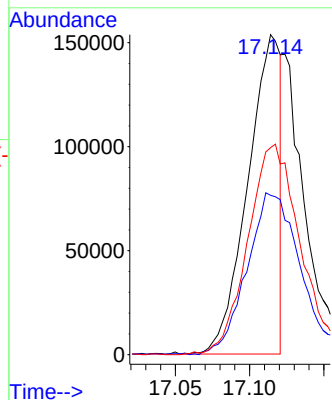
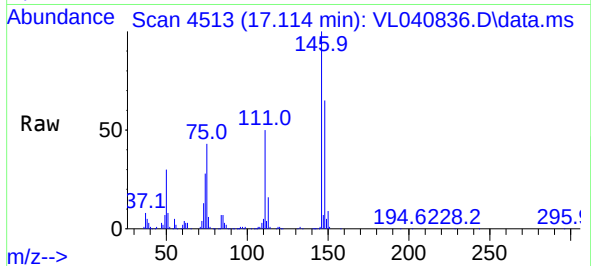




#77
1,2-Dichlorobenzene
Concen: 1.301 ppbv
RT: 17.114 min Scan# 4513
Delta R.T. -0.019 min
Lab File: VL040836.D
Acq: 13 Nov 2023 11:25

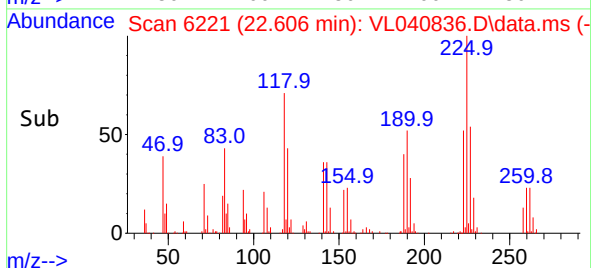
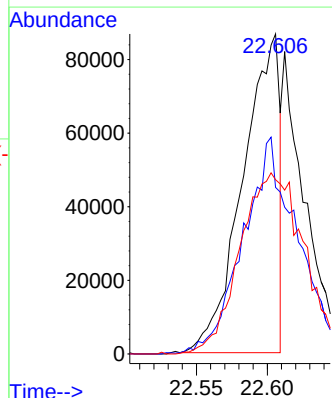
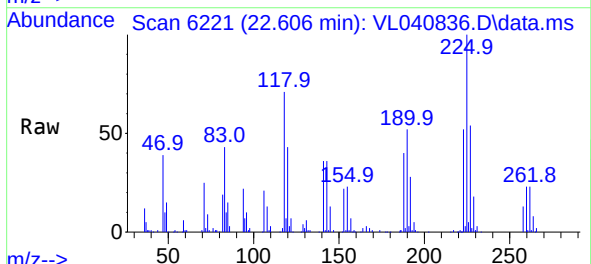
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

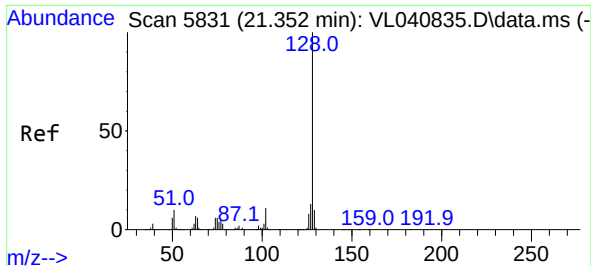
Tgt Ion:146 Resp: 234538
Ion Ratio Lower Upper
146 100
111 84.5 25.7 77.1#
148 109.8 32.3 96.9#



#78
Hexachloro-1,3-Butadiene
Concen: 1.384 ppbv
RT: 22.606 min Scan# 6221
Delta R.T. -0.019 min
Lab File: VL040836.D
Acq: 13 Nov 2023 11:25

Tgt Ion:225 Resp: 156222
Ion Ratio Lower Upper
225 100
223 102.6 51.1 76.7#
227 101.4 50.8 76.2#



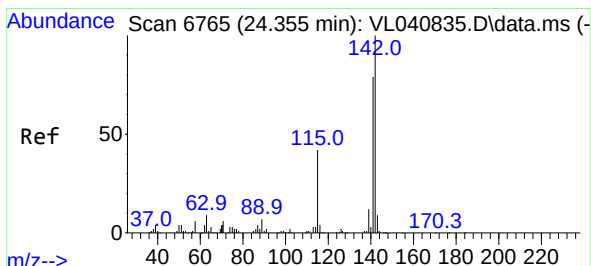
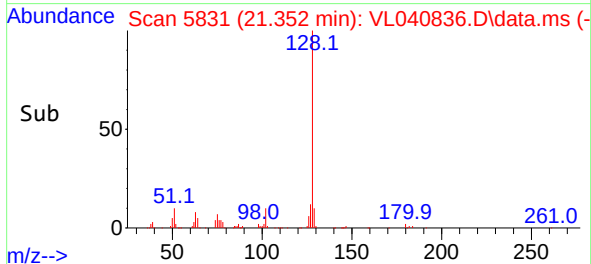
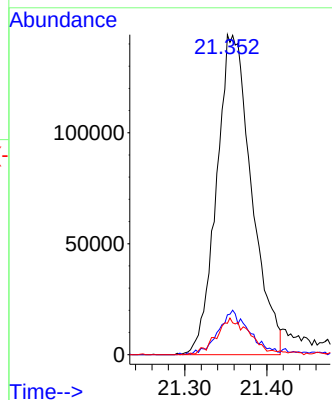
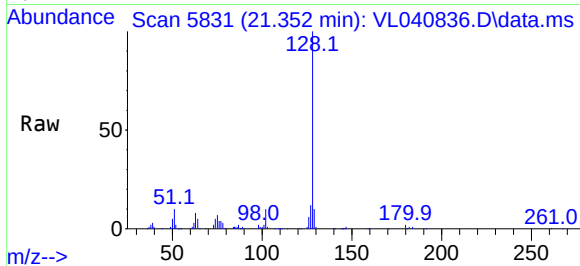


#79
Naphthalene
Concen: 2.474 ppbv
RT: 21.352 min Scan# 5831
Delta R.T. -0.026 min
Lab File: VL040836.D
Acq: 13 Nov 2023 11:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tgt Ion:128 Resp: 427079

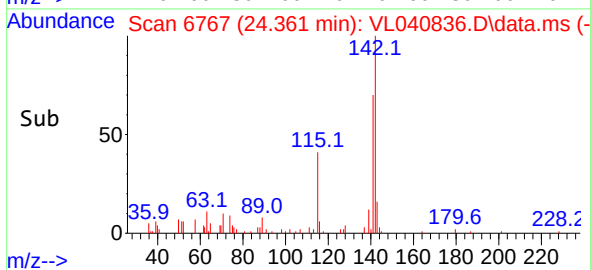
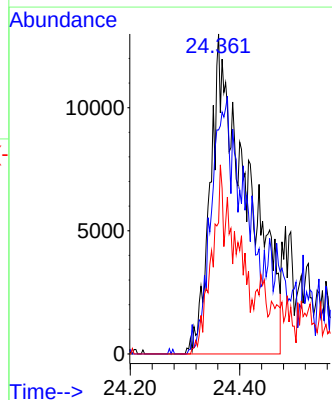
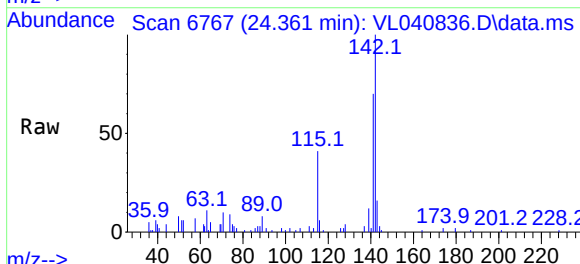
Ion	Ratio	Lower	Upper
128	100		
127	11.9	10.0	15.0
129	9.8	8.3	12.5

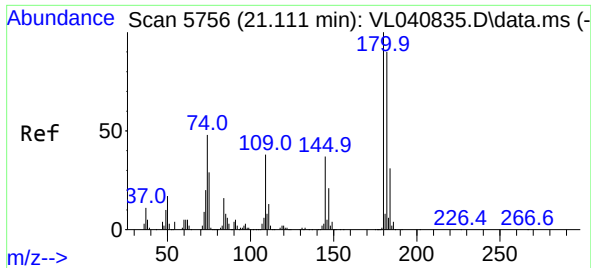


#80
Naphthalene,2-methyl-
Concen: 1.994 ppbv
RT: 24.361 min Scan# 6767
Delta R.T. -0.013 min
Lab File: VL040836.D
Acq: 13 Nov 2023 11:25

Tgt Ion:142 Resp: 60757

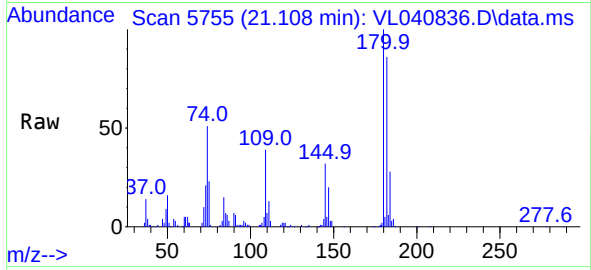
Ion	Ratio	Lower	Upper
142	100		
141	94.2	65.8	98.8
115	42.1	35.6	53.4





#81
 1,2,4-Trichlorobenzene
 Concen: 2.219 ppbv
 RT: 21.108 min Scan# 51
 Delta R.T. -0.019 min
 Lab File: VL040836.D
 Acq: 13 Nov 2023 11:25

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002



Tgt Ion:180 Resp: 232834
 Ion Ratio Lower Upper
 180 100
 182 99.1 77.6 116.4
 184 30.9 24.2 36.2

