

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111323\
 Data File : VL040839.D
 Acq On : 13 Nov 2023 13:18
 Operator : SY/MD
 Sample : VSTDIC0.1
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.1

Quant Time: Nov 22 00:31:38 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)

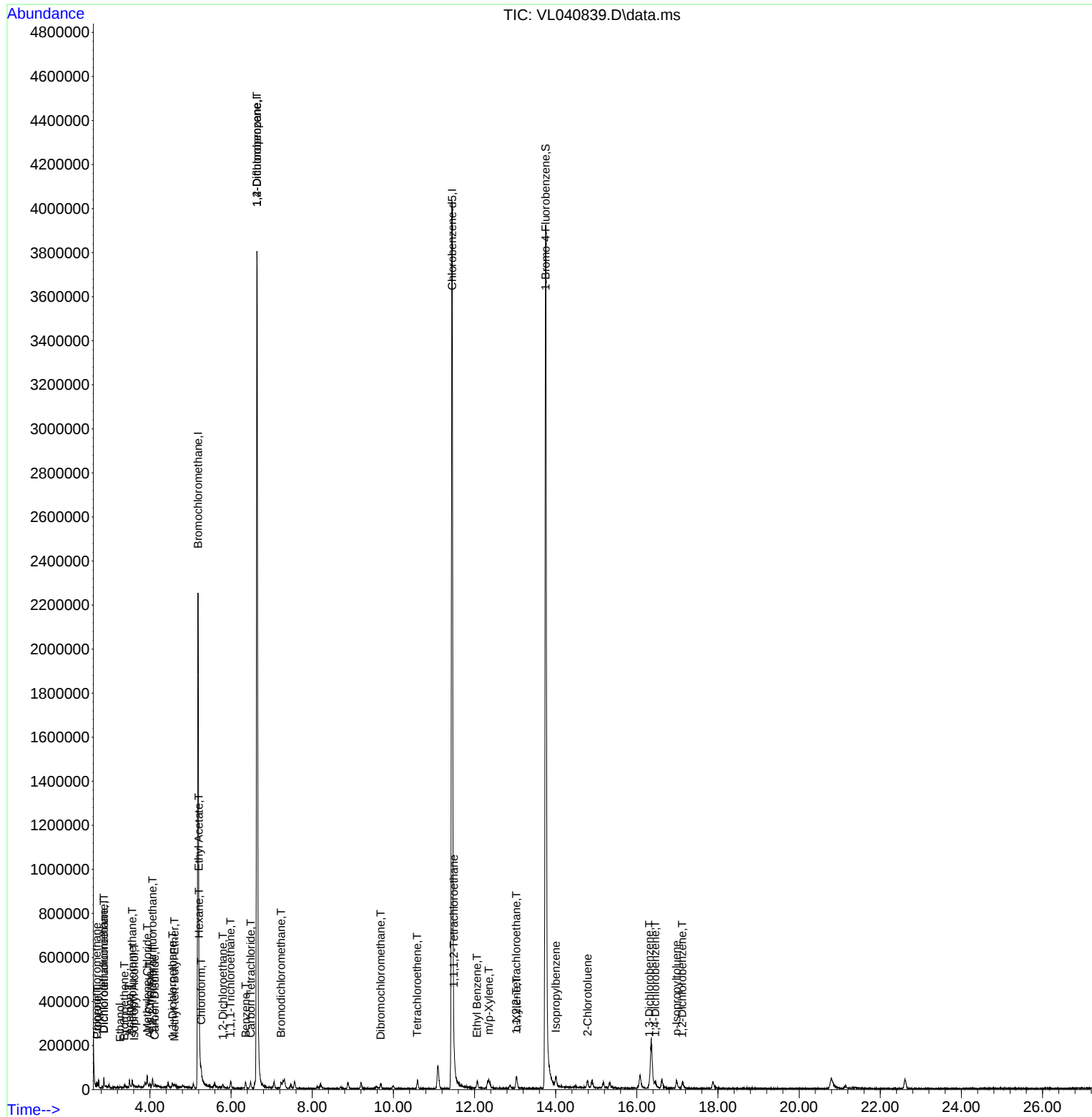
Internal Standards						
1) Bromochloromethane	5.185	49	1133804	10.000	ppbv	-0.03
33) 1,4-Difluorobenzene	6.639	114	2933318	10.000	ppbv	-0.03
55) Chlorobenzene-d5	11.446	117	2645168	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.754	95	2059042	9.942	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.864	85	15522	0.068	ppbv	99
3) Chlorodifluoromethane	2.687	51	18667	0.103	ppbv	98
8) Dichlorotetrafluoroethane	2.864	85	15522	0.094	ppbv	83
9) Propene	2.706	41	6778	0.111	ppbv	90
11) Trichlorofluoromethane	3.565	101	16951	0.096	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.067	101	12183	0.097	ppbv	97
13) Ethanol	3.263	45	611	0.052	ppbv #	100
14) Bromoethene	3.372	108	4039	0.080	ppbv #	70
15) Acetone	3.497	43	32114	0.266	ppbv	93
19) Isopropyl Alcohol	3.610	45	7855	0.108	ppbv #	82
20) Methylene Chloride	3.938	84	13881	0.279	ppbv #	77
21) Allyl Chloride	3.996	41	4874	0.063	ppbv #	1
24) 1,1-Dichloroethane	4.558	63	11414	0.082	ppbv #	92
25) Ethyl Acetate	5.205	43	8615	0.034	ppbv #	75
26) Hexane	5.211	57	3835	0.035	ppbv #	1
27) Carbon Disulfide	4.121	76	12695	0.090	ppbv #	40
28) Methyl tert-Butyl Ether	4.603	73	5971	0.060	ppbv	94
29) Chloroform	5.266	83	16354	0.087	ppbv #	77
32) 1,1,1-Trichloroethane	5.986	97	7607	0.043	ppbv #	21
35) Carbon Tetrachloride	6.484	117	15630	0.087	ppbv #	83
36) Benzene	6.359	78	20588	0.086	ppbv #	81
37) 1,2-Dichloroethane	5.796	62	13624	0.097	ppbv #	95
39) 1,2-Dichloropropane	6.639	63	729057	7.724	ppbv #	24
42) Bromodichloromethane	7.234	83	9213	0.046	ppbv #	90
48) Dibromochloromethane	9.684	129	5743	0.035	ppbv #	10
52) Tetrachloroethene	10.587	164	2964	0.037	ppbv #	78
56) 1,1,1,2-Tetrachloroethane	11.491	131	5028	0.044	ppbv #	1
58) Ethyl Benzene	12.060	91	10487	0.030	ppbv	94
59) m/p-Xylene	12.352	91	15713	0.053	ppbv #	32
60) o-Xylene	13.034	91	14719	0.053	ppbv	70
62) Isopropylbenzene	14.005	105	21315	0.052	ppbv #	49
63) 1,1,2,2-Tetrachloroethane	13.028	83	7603	0.038	ppbv #	24
69) p-Isopropyltoluene	16.976	119	16033	0.040	ppbv #	56
71) 2-Chlorotoluene	14.786	91	26830	0.085	ppbv	99
75) 1,3-Dichlorobenzene	16.307	146	7161	0.043	ppbv #	18
76) 1,4-Dichlorobenzene	16.455	146	8026	0.050	ppbv #	31
77) 1,2-Dichlorobenzene	17.121	146	5726	0.035	ppbv #	1

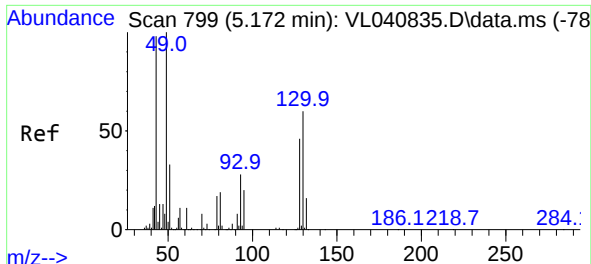
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111323\
Data File : VL040839.D
Acq On : 13 Nov 2023 13:18
Operator : SY/MD
Sample : VSTDIC0.1
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1

Quant Time: Nov 22 00:31:38 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

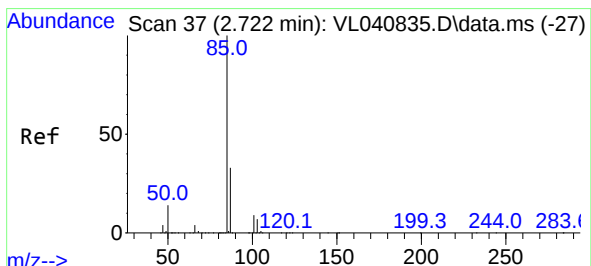
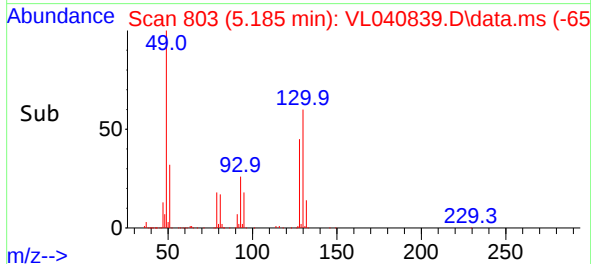
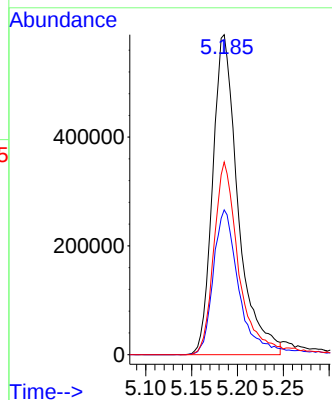
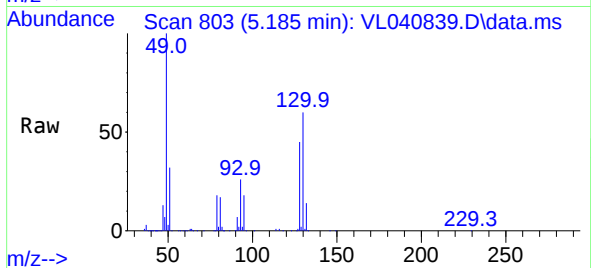




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.185 min Scan# 80
Delta R.T. -0.026 min
Lab File: VL040839.D
Acq: 13 Nov 2023 13:18

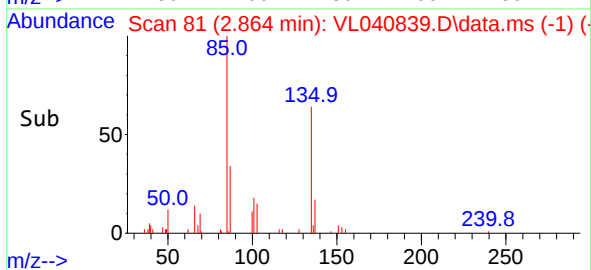
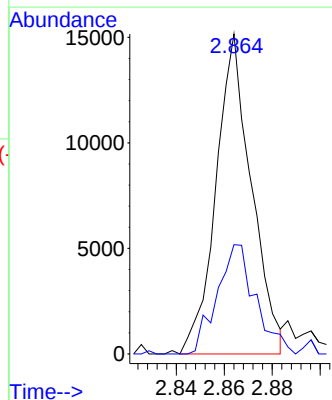
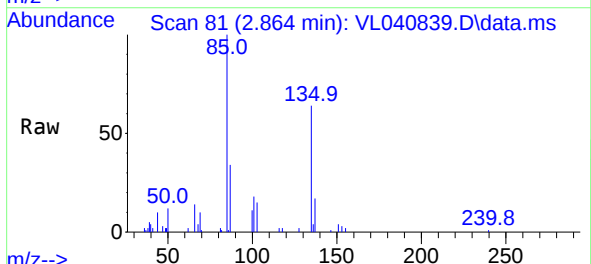
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

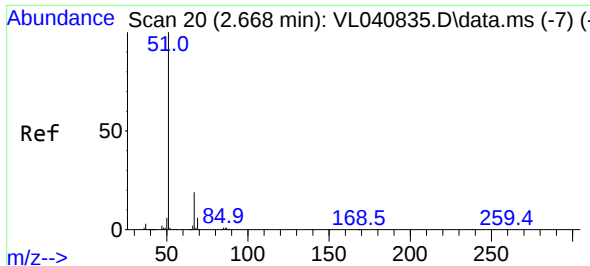
Tgt Ion: 49 Resp: 1133804
Ion Ratio Lower Upper
49 100
128 47.3 23.8 71.2
130 61.4 30.9 92.8



#2
Dichlorodifluoromethane
Concen: 0.068 ppbv
RT: 2.864 min Scan# 81
Delta R.T. 0.090 min
Lab File: VL040839.D
Acq: 13 Nov 2023 13:18

Tgt Ion: 85 Resp: 15522
Ion Ratio Lower Upper
85 100
87 34.1 26.7 40.1

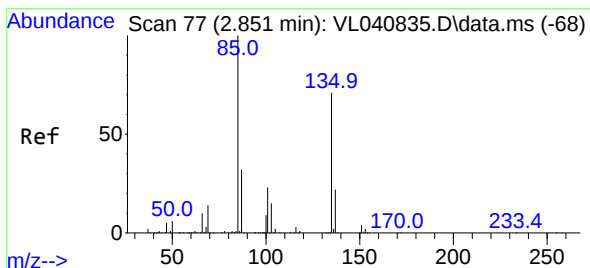
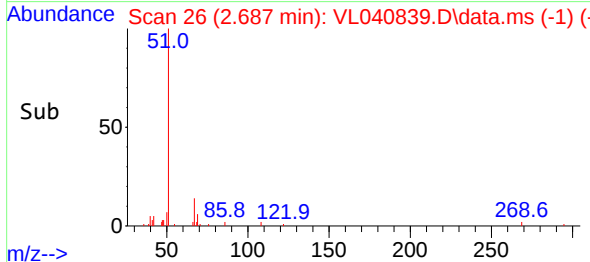
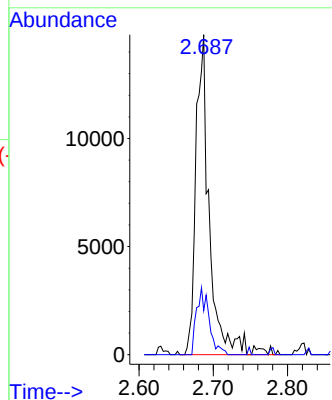
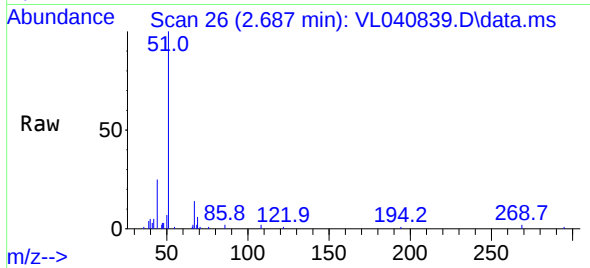




#3
Chlorodifluoromethane
Concen: 0.103 ppbv
RT: 2.687 min Scan# 20
Delta R.T. -0.032 min
Lab File: VL040839.D
Acq: 13 Nov 2023 13:18

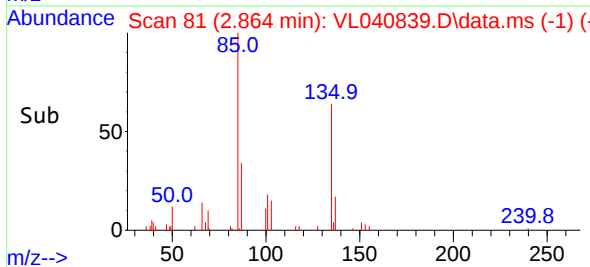
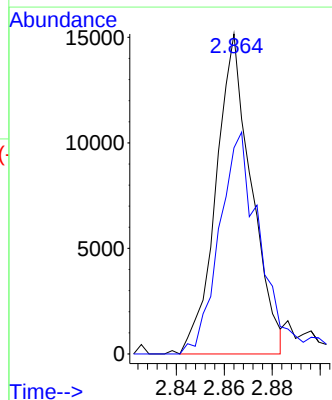
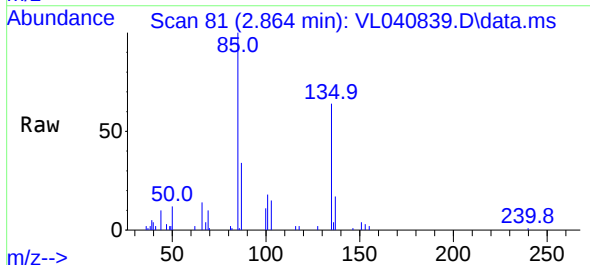
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1

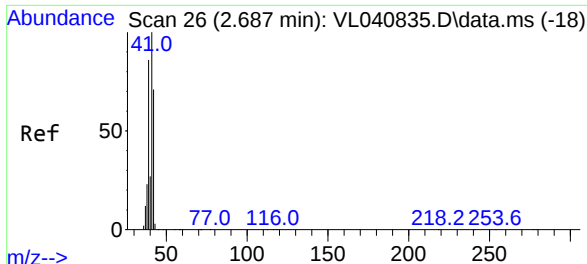
Tgt Ion: 51 Resp: 18667
Ion Ratio Lower Upper
51 100
67 19.4 15.0 22.4



#8
Dichlorotetrafluoroethane
Concen: 0.094 ppbv
RT: 2.864 min Scan# 81
Delta R.T. -0.035 min
Lab File: VL040839.D
Acq: 13 Nov 2023 13:18

Tgt Ion: 85 Resp: 15522
Ion Ratio Lower Upper
85 100
135 82.8 55.3 82.9





#9

Propene

Concen: 0.111 ppbv

RT: 2.706 min Scan# 31

Delta R.T. -0.032 min

Lab File: VL040839.D

Acq: 13 Nov 2023 13:18

Instrument :

MSVOA_1

ClientSampleId :

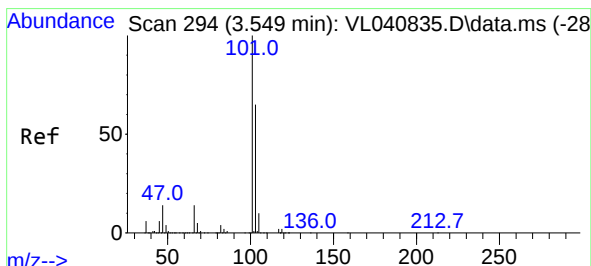
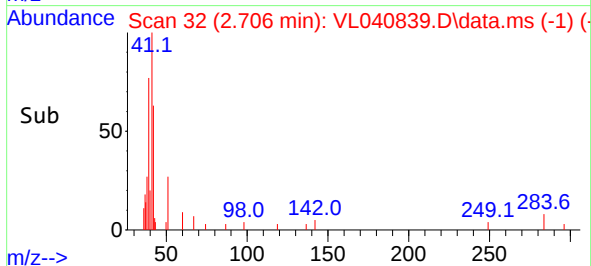
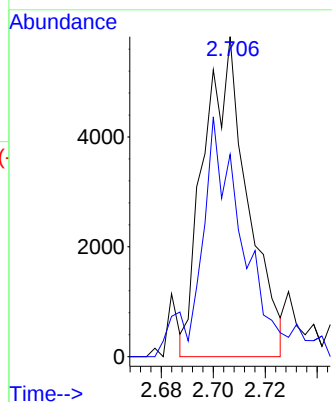
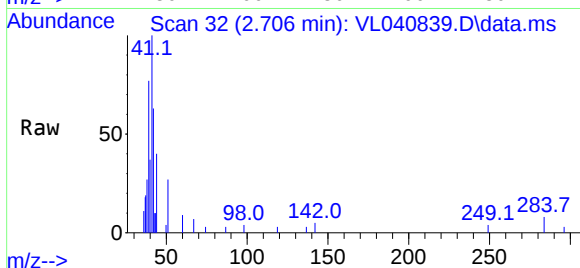
VSTDICC0.1

Tgt Ion: 41 Resp: 6778

Ion Ratio Lower Upper

41 100

42 78.4 56.5 84.7



#11

Trichlorofluoromethane

Concen: 0.096 ppbv

RT: 3.565 min Scan# 299

Delta R.T. -0.029 min

Lab File: VL040839.D

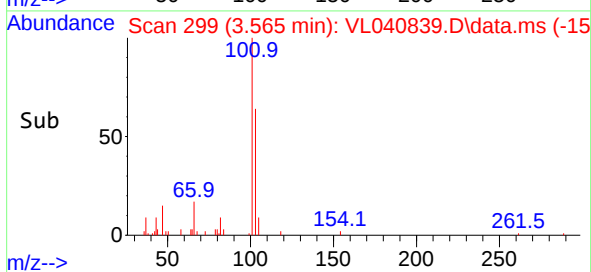
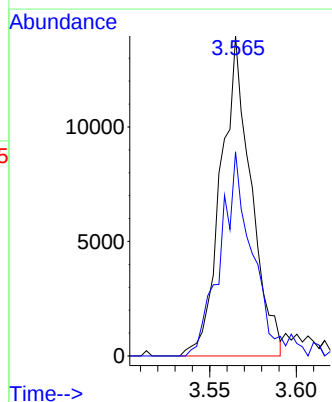
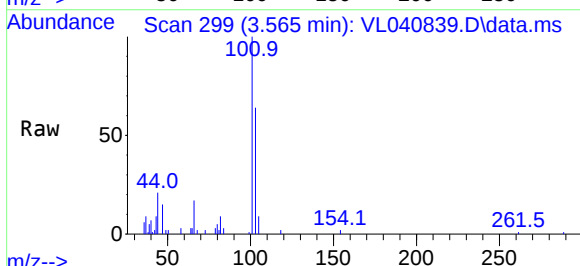
Acq: 13 Nov 2023 13:18

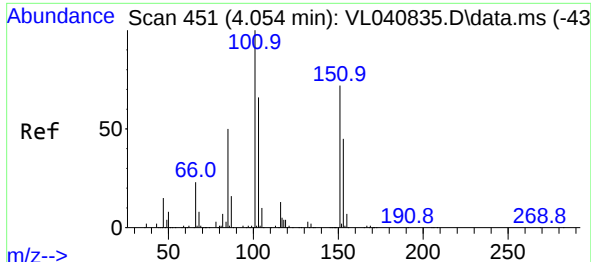
Tgt Ion:101 Resp: 16951

Ion Ratio Lower Upper

101 100

103 63.8 51.8 77.8

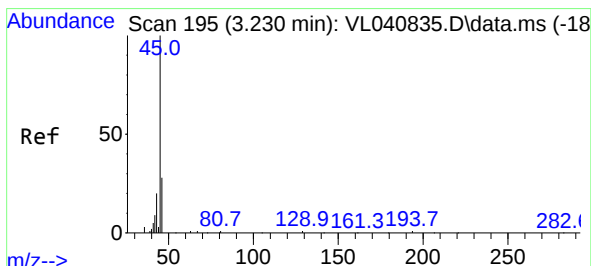
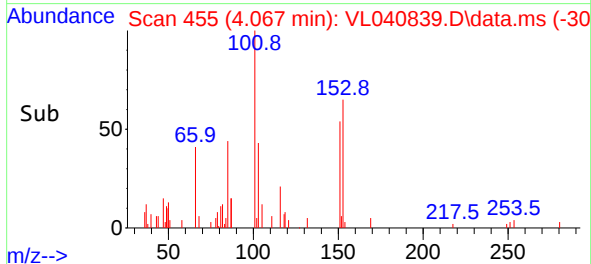
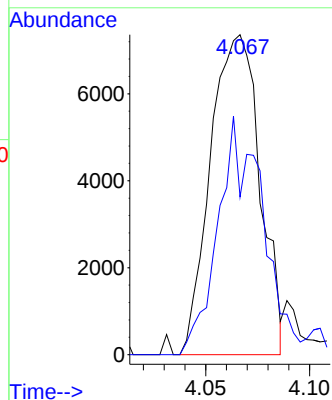
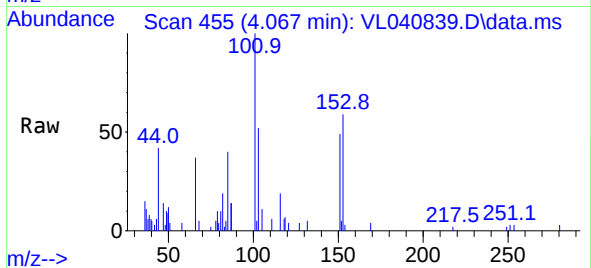




#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.097 ppbv
RT: 4.067 min Scan# 41
Delta R.T. -0.029 min
Lab File: VL040839.D
Acq: 13 Nov 2023 13:18

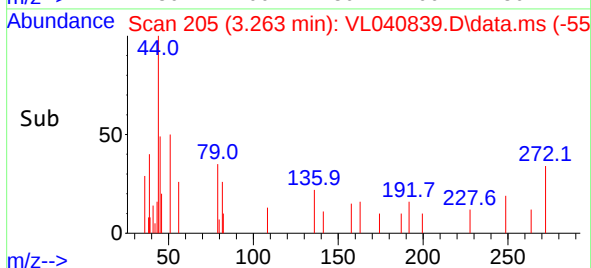
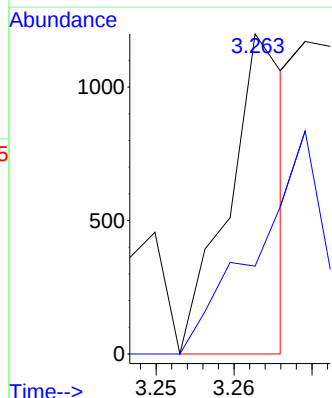
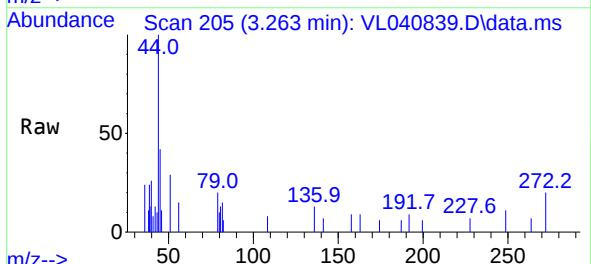
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

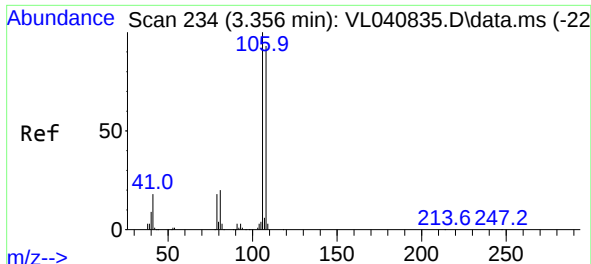
Tgt Ion:101 Resp: 12183
Ion Ratio Lower Upper
101 100
151 70.0 57.8 86.6



#13
Ethanol
Concen: 0.052 ppbv
RT: 3.263 min Scan# 205
Delta R.T. -0.016 min
Lab File: VL040839.D
Acq: 13 Nov 2023 13:18

Tgt Ion: 45 Resp: 611
Ion Ratio Lower Upper
45 100
46 134.0 0.0 0.0#

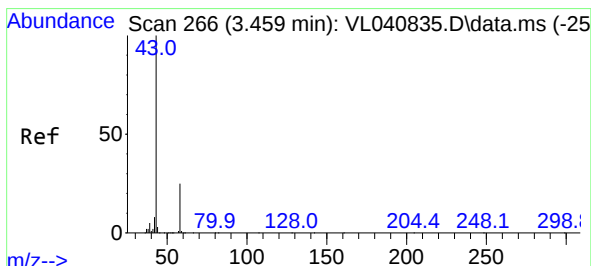
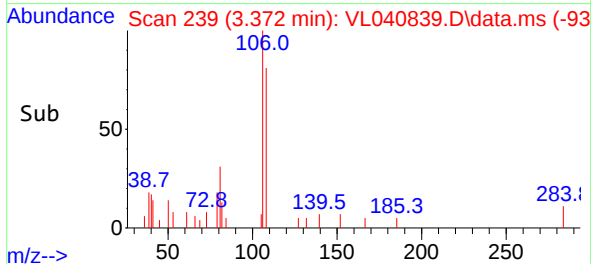
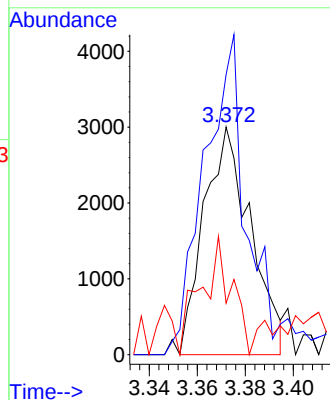
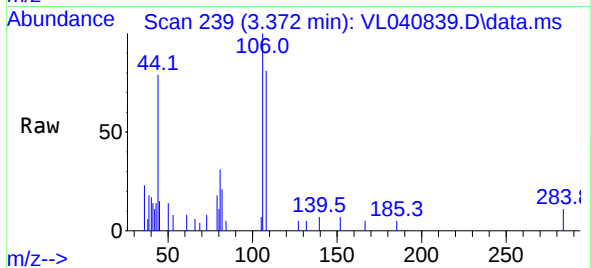




#14
Bromoethene
Concen: 0.080 ppbv
RT: 3.372 min Scan# 211
Delta R.T. -0.029 min
Lab File: VL040839.D
Acq: 13 Nov 2023 13:18

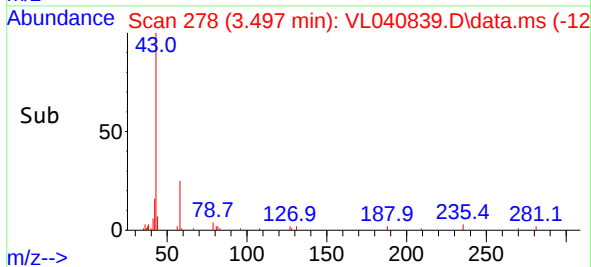
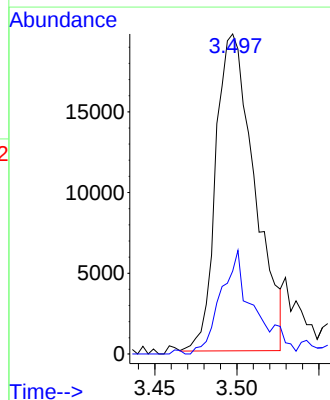
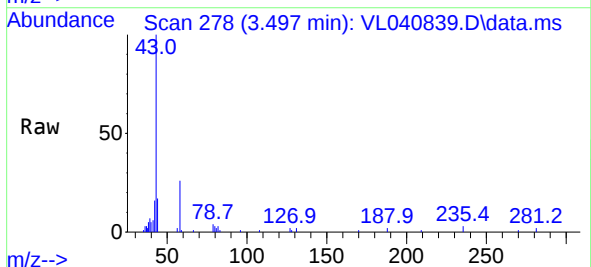
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

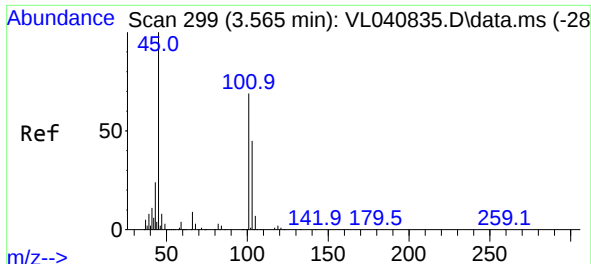
Tgt Ion:108 Resp: 4039
Ion Ratio Lower Upper
108 100
106 131.0 85.4 128.2#
79 51.8 16.7 25.1#



#15
Acetone
Concen: 0.266 ppbv
RT: 3.497 min Scan# 278
Delta R.T. -0.003 min
Lab File: VL040839.D
Acq: 13 Nov 2023 13:18

Tgt Ion: 43 Resp: 32114
Ion Ratio Lower Upper
43 100
58 29.6 20.9 31.3

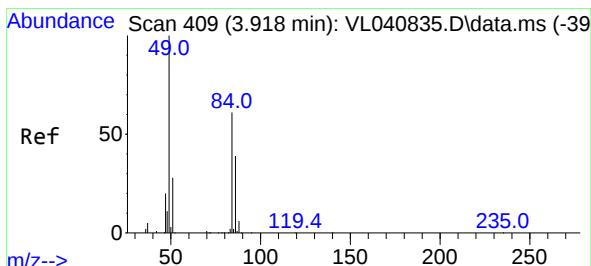
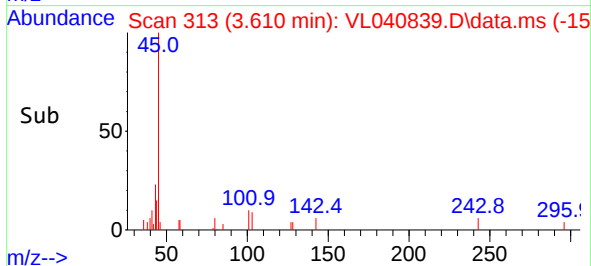
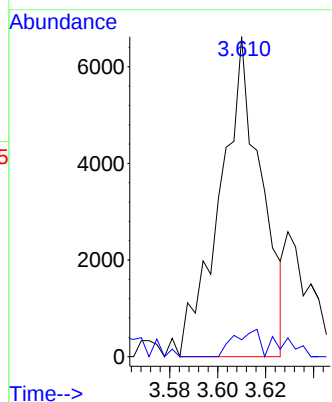
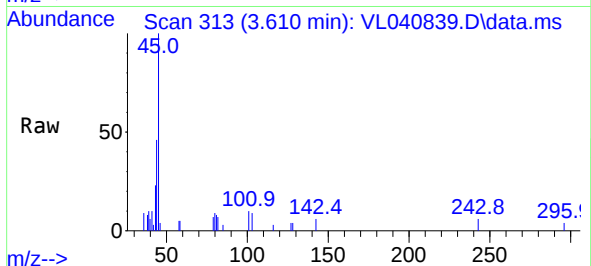




#19
Isopropyl Alcohol
Concen: 0.108 ppbv
RT: 3.610 min Scan# 313
Delta R.T. -0.000 min
Lab File: VL040839.D
Acq: 13 Nov 2023 13:18

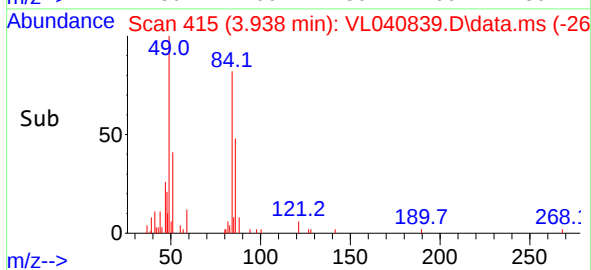
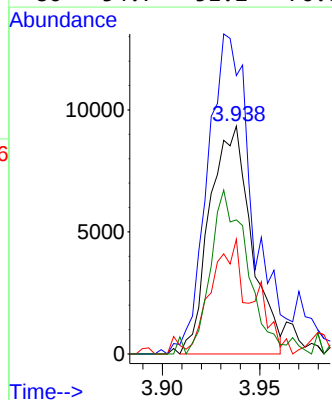
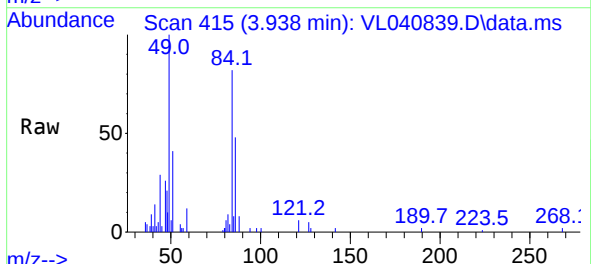
Instrument :
MSVOA_1
ClientSampleId :
VSTDICC0.1

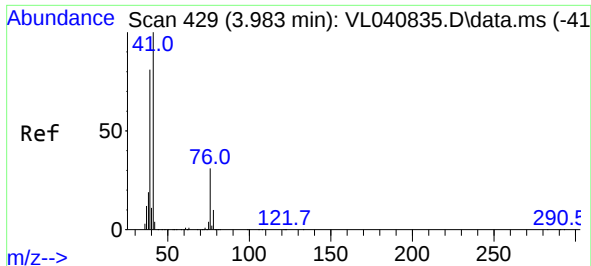
Tgt Ion: 45 Resp: 7855
Ion Ratio Lower Upper
45 100
58 8.5 1.6 2.4#



#20
Methylene Chloride
Concen: 0.279 ppbv
RT: 3.938 min Scan# 415
Delta R.T. -0.026 min
Lab File: VL040839.D
Acq: 13 Nov 2023 13:18

Tgt Ion: 84 Resp: 13881
Ion Ratio Lower Upper
84 100
49 118.0 131.0 196.4#
51 47.3 36.9 55.3
86 54.7 51.2 76.8





#21

Allyl Chloride

Concen: 0.063 ppbv

RT: 3.996 min Scan# 41

Delta R.T. -0.029 min

Lab File: VL040839.D

Acq: 13 Nov 2023 13:18

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.1

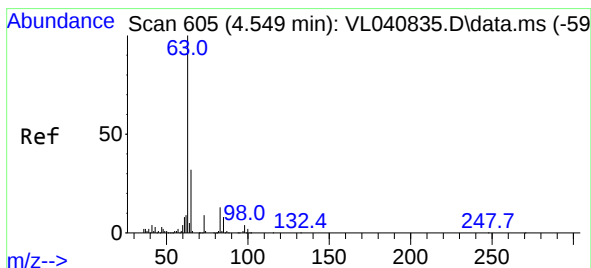
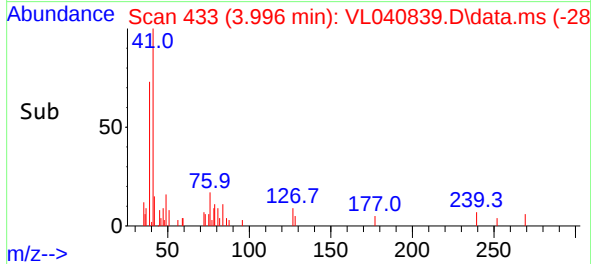
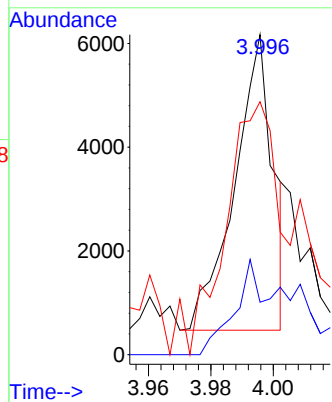
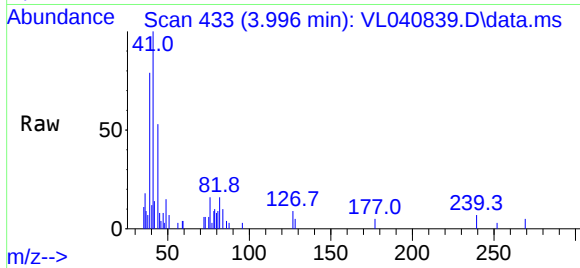
Tgt Ion: 41 Resp: 4874

Ion Ratio Lower Upper

41 100

76 51.7 24.4 36.6#

39 226.8 68.1 102.1#



#24

1,1-Dichloroethane

Concen: 0.082 ppbv

RT: 4.558 min Scan# 608

Delta R.T. -0.029 min

Lab File: VL040839.D

Acq: 13 Nov 2023 13:18

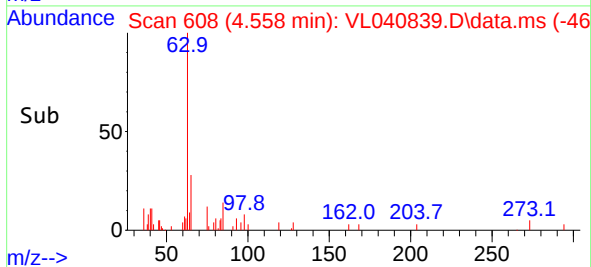
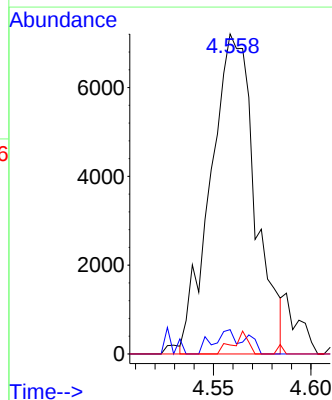
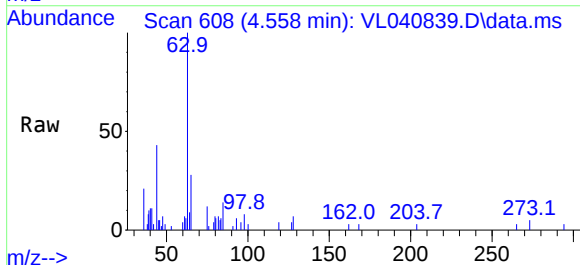
Tgt Ion: 63 Resp: 11414

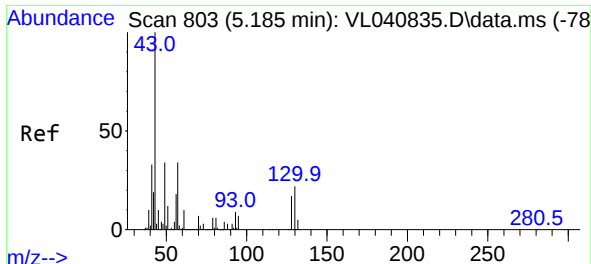
Ion Ratio Lower Upper

63 100

98 7.8 2.2 6.6#

100 2.9 1.0 3.0





#25

Ethyl Acetate

Concen: 0.034 ppbv

RT: 5.205 min Scan# 80

Delta R.T. -0.016 min

Lab File: VL040839.D

Acq: 13 Nov 2023 13:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.1

Tgt Ion: 43 Resp: 8615

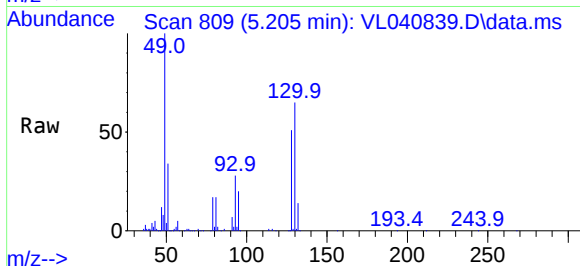
Ion Ratio Lower Upper

43 100

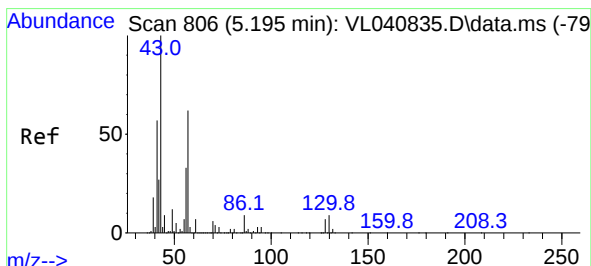
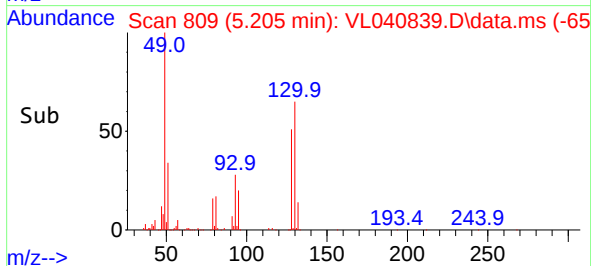
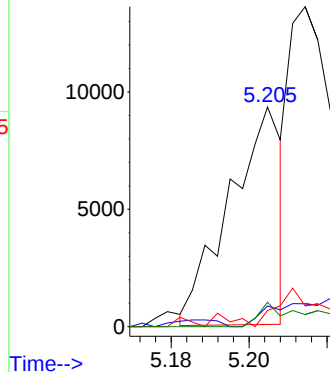
45 0.0 8.1 12.1#

61 0.0 7.8 11.6#

70 13.3 5.3 7.9#



Abundance



#26

Hexane

Concen: 0.035 ppbv

RT: 5.211 min Scan# 811

Delta R.T. -0.019 min

Lab File: VL040839.D

Acq: 13 Nov 2023 13:18

Tgt Ion: 57 Resp: 3835

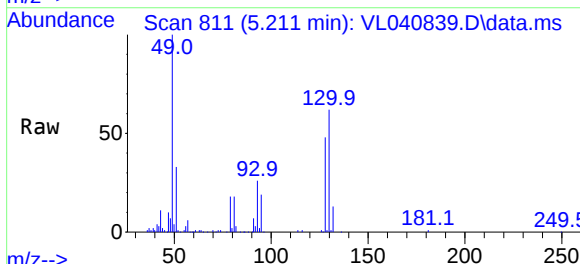
Ion Ratio Lower Upper

57 100

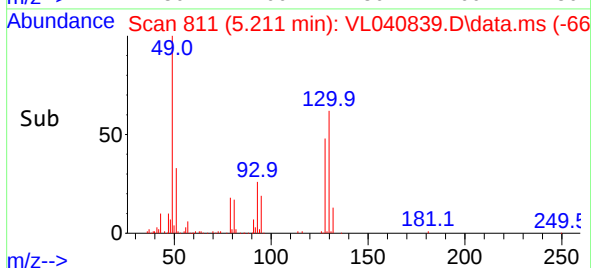
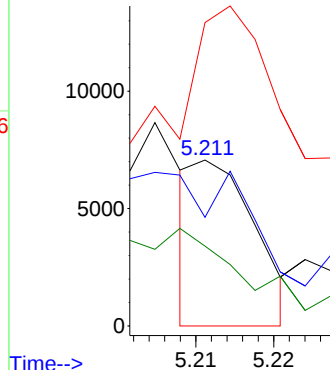
41 353.4 75.4 113.0#

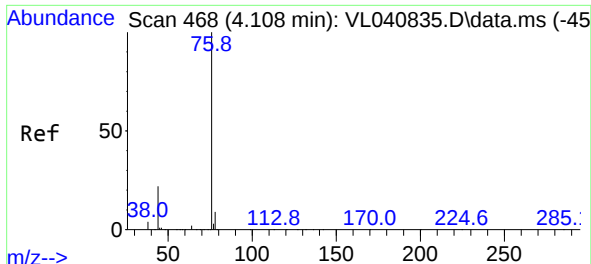
43 764.1 185.9 278.9#

56 192.3 42.6 63.8#



Abundance

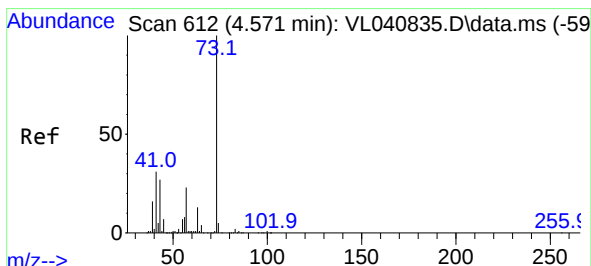
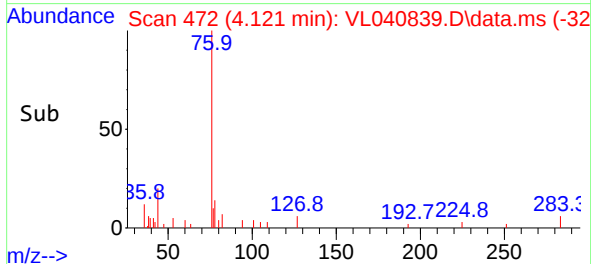
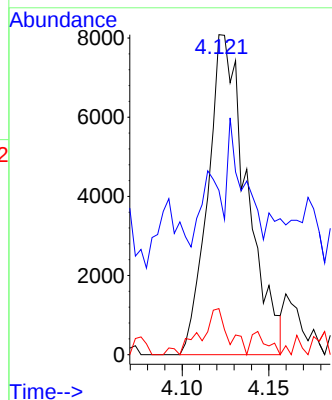
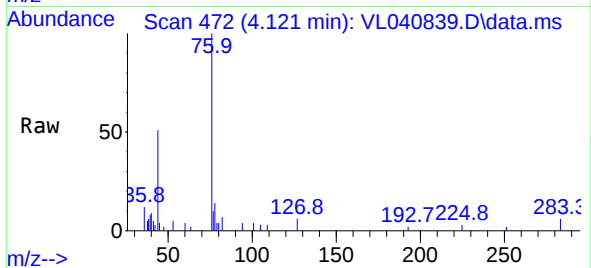




#27
Carbon Disulfide
Concen: 0.090 ppbv
RT: 4.121 min Scan# 41
Delta R.T. -0.032 min
Lab File: VL040839.D
Acq: 13 Nov 2023 13:18

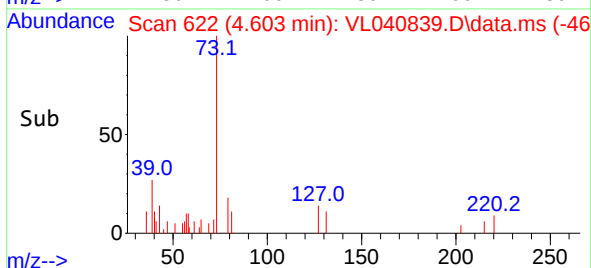
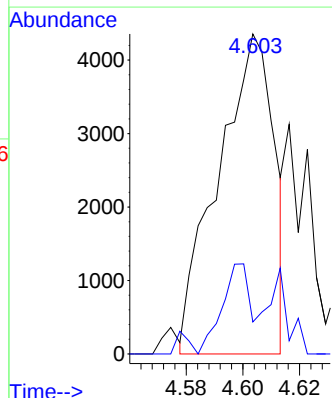
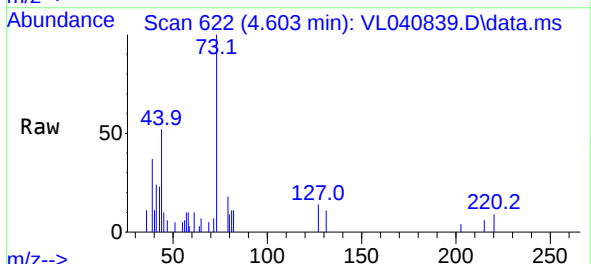
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

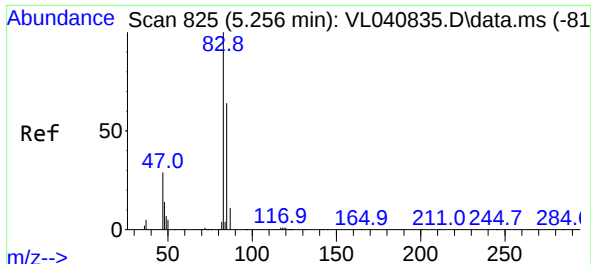
Tgt Ion: 76 Resp: 12695
Ion Ratio Lower Upper
76 100
44 61.8 16.7 25.1#
78 9.7 7.6 11.4



#28
Methyl tert-Butyl Ether
Concen: 0.060 ppbv
RT: 4.603 min Scan# 622
Delta R.T. -0.006 min
Lab File: VL040839.D
Acq: 13 Nov 2023 13:18

Tgt Ion: 73 Resp: 5971
Ion Ratio Lower Upper
73 100
57 25.4 18.0 27.0





#29

Chloroform

Concen: 0.087 ppbv

RT: 5.266 min Scan# 81

Delta R.T. -0.029 min

Lab File: VL040839.D

Acq: 13 Nov 2023 13:18

Instrument :

MSVOA_1

ClientSampleId :

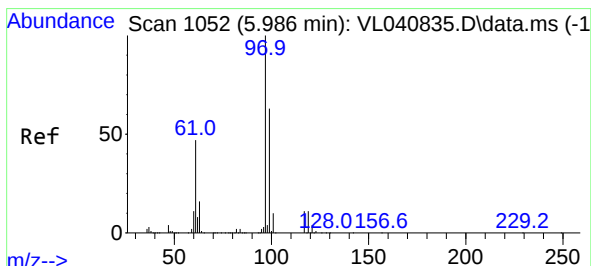
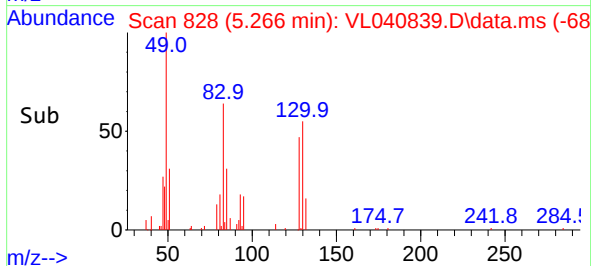
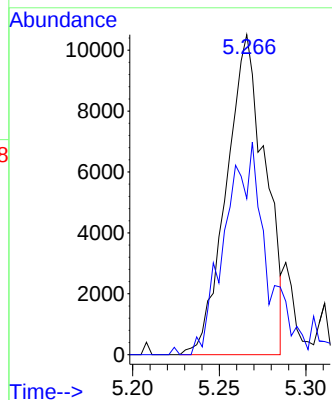
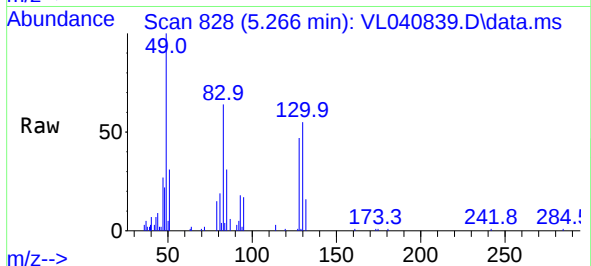
VSTDIC0.1

Tgt Ion: 83 Resp: 16354

Ion Ratio Lower Upper

83 100

85 46.0 51.4 77.0#



#32

1,1,1-Trichloroethane

Concen: 0.043 ppbv

RT: 5.986 min Scan# 1052

Delta R.T. -0.032 min

Lab File: VL040839.D

Acq: 13 Nov 2023 13:18

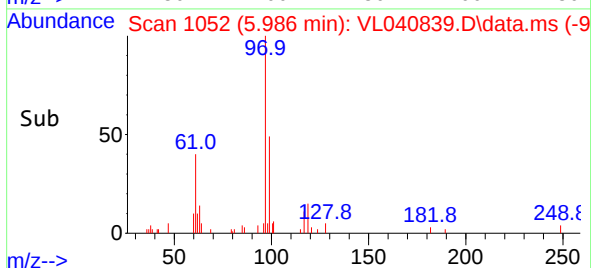
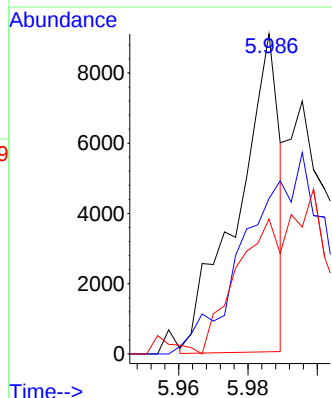
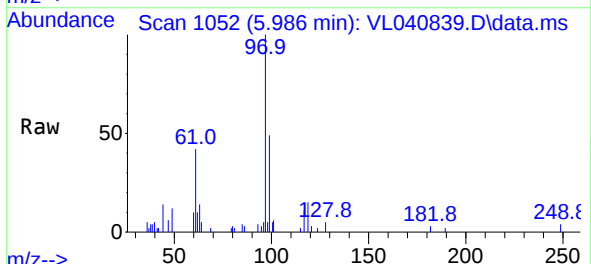
Tgt Ion: 97 Resp: 7607

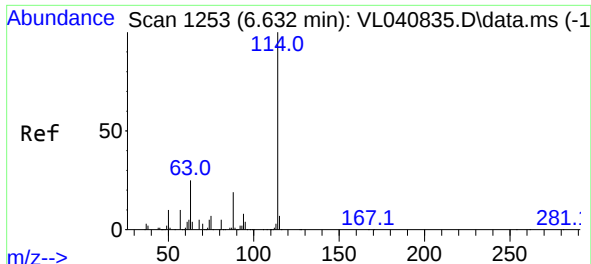
Ion Ratio Lower Upper

97 100

99 0.0 52.2 78.4#

61 0.0 41.0 61.4#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.639 min Scan# 11

Delta R.T. -0.026 min

Lab File: VL040839.D

Acq: 13 Nov 2023 13:18

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.1

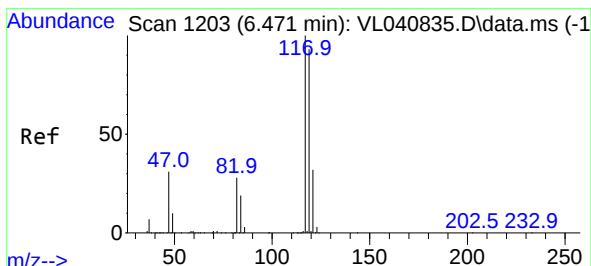
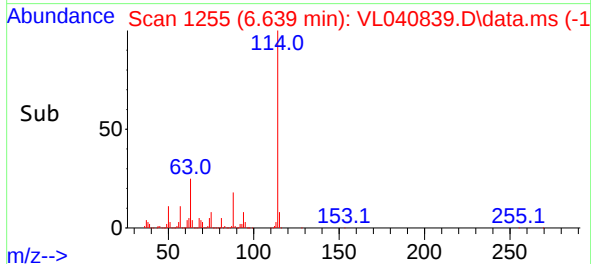
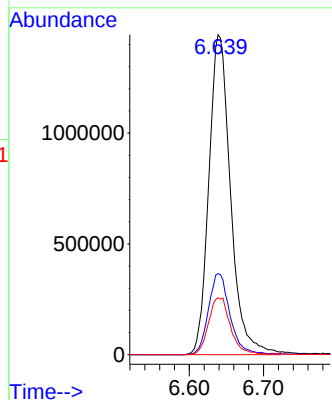
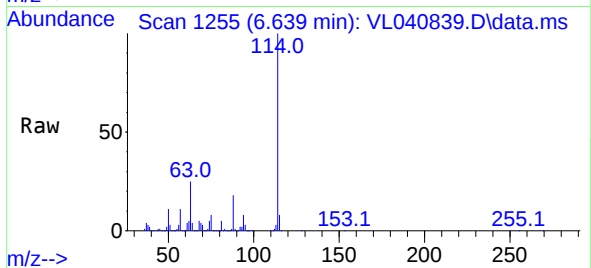
Tgt Ion:114 Resp: 2933318

Ion Ratio Lower Upper

114 100

63 25.5 20.9 31.3

88 18.2 14.3 21.5



#35

Carbon Tetrachloride

Concen: 0.087 ppbv

RT: 6.484 min Scan# 1207

Delta R.T. -0.023 min

Lab File: VL040839.D

Acq: 13 Nov 2023 13:18

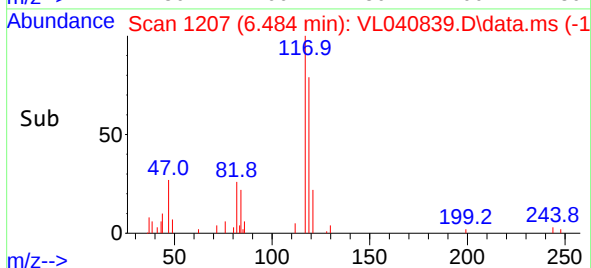
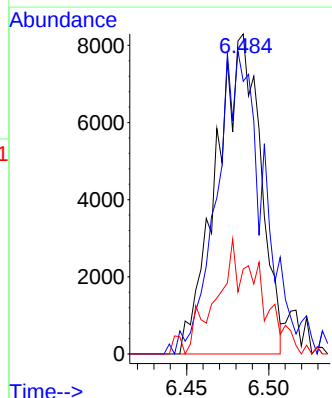
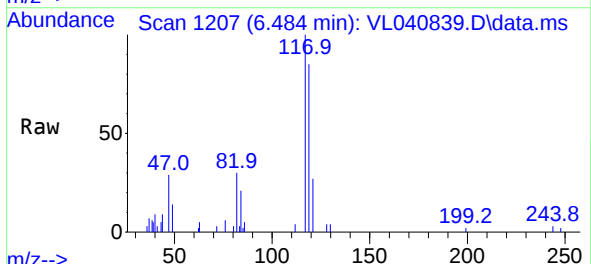
Tgt Ion:117 Resp: 15630

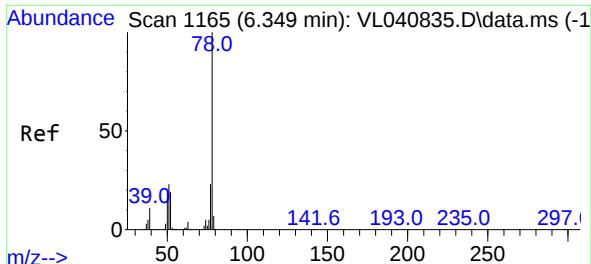
Ion Ratio Lower Upper

117 100

119 78.0 74.7 112.1

121 21.2 25.5 38.3#

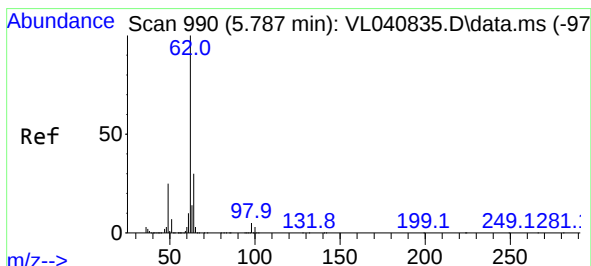
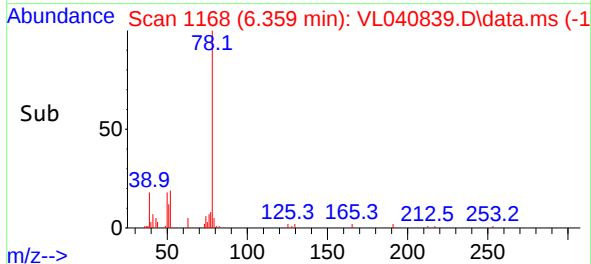
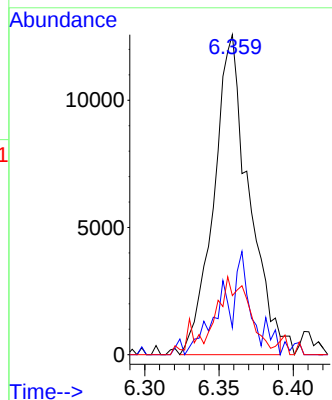
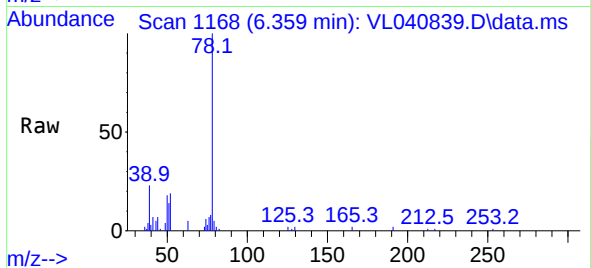




#36
Benzene
Concen: 0.086 ppbv
RT: 6.359 min Scan# 1165
Delta R.T. -0.026 min
Lab File: VL040839.D
Acq: 13 Nov 2023 13:18

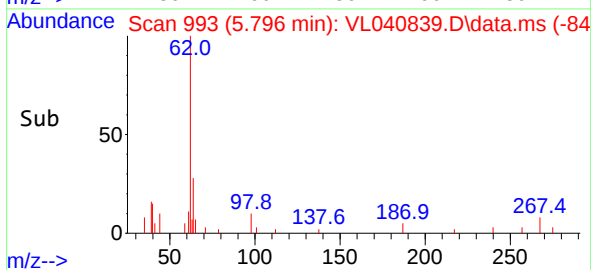
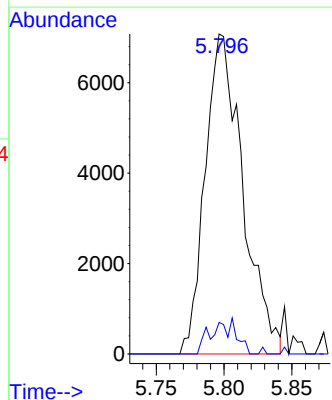
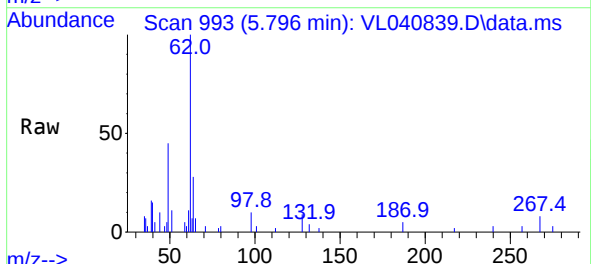
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

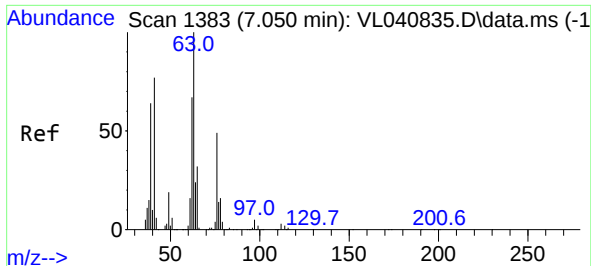
Tgt Ion: 78 Resp: 20588
Ion Ratio Lower Upper
78 100
77 8.5 18.4 27.6#
50 16.8 16.2 24.2



#37
1,2-Dichloroethane
Concen: 0.097 ppbv
RT: 5.796 min Scan# 993
Delta R.T. -0.026 min
Lab File: VL040839.D
Acq: 13 Nov 2023 13:18

Tgt Ion: 62 Resp: 13624
Ion Ratio Lower Upper
62 100
98 7.4 4.6 6.8#





#39

1,2-Dichloropropane

Concen: 7.724 ppbv

RT: 6.639 min Scan# 11

Delta R.T. -0.444 min

Lab File: VL040839.D

Acq: 13 Nov 2023 13:18

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.1

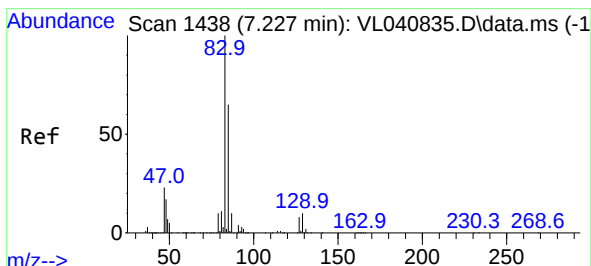
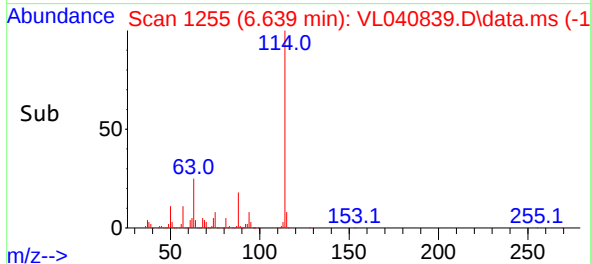
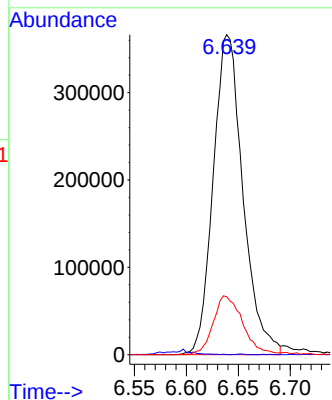
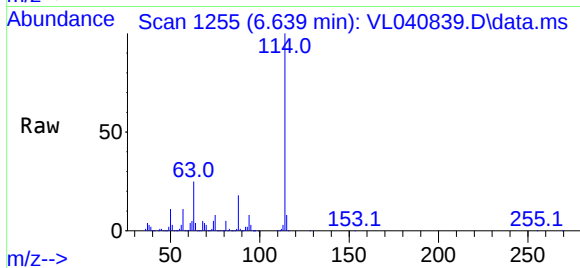
Tgt Ion: 63 Resp: 729057

Ion Ratio Lower Upper

63 100

41 0.1 61.5 92.3#

62 17.9 53.9 80.9#



#42

Bromodichloromethane

Concen: 0.046 ppbv

RT: 7.234 min Scan# 1440

Delta R.T. -0.026 min

Lab File: VL040839.D

Acq: 13 Nov 2023 13:18

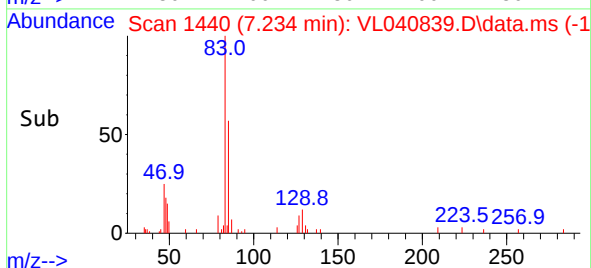
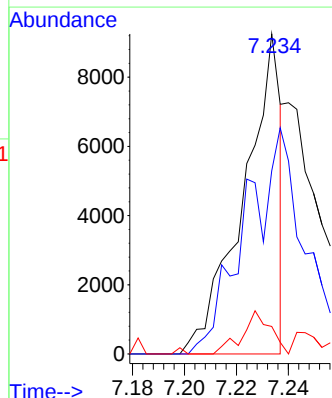
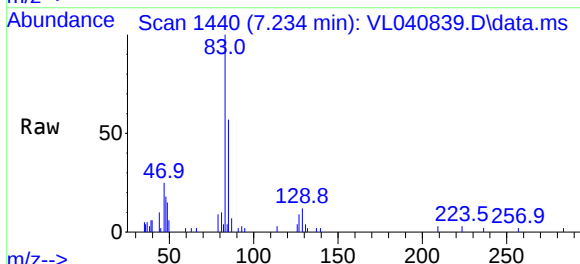
Tgt Ion: 83 Resp: 9213

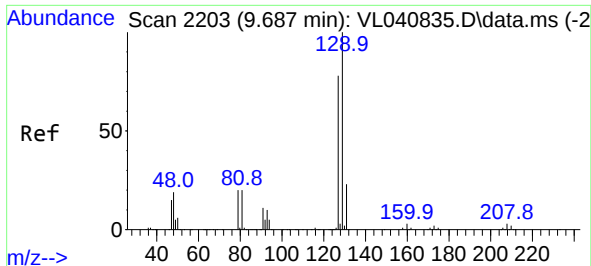
Ion Ratio Lower Upper

83 100

85 57.2 52.3 78.5

127 6.6 6.6 10.0#

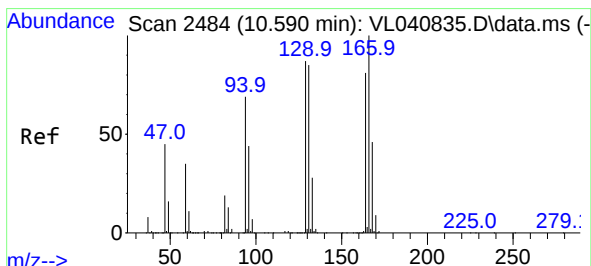
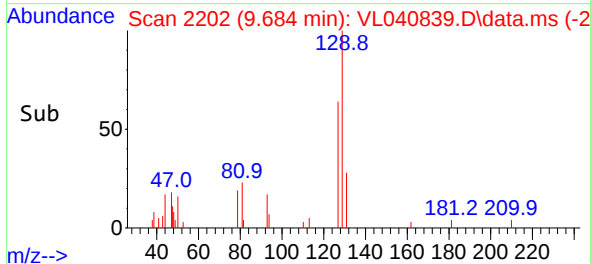
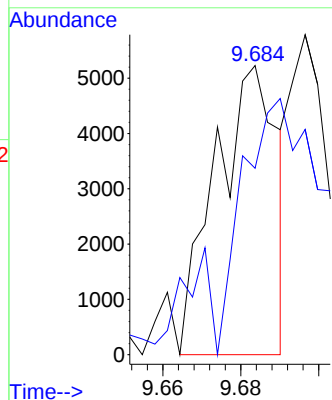
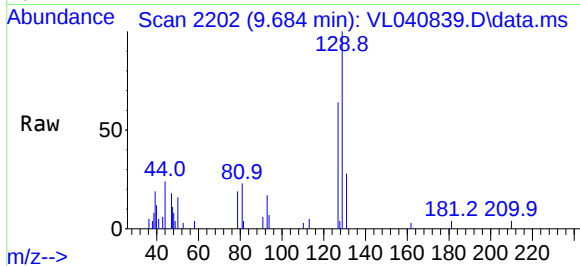




#48
Dibromochloromethane
Concen: 0.035 ppbv
RT: 9.684 min Scan# 21
Delta R.T. -0.029 min
Lab File: VL040839.D
Acq: 13 Nov 2023 13:18

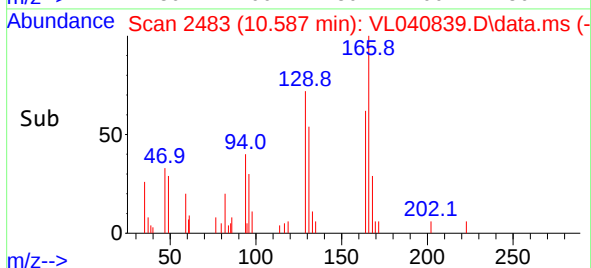
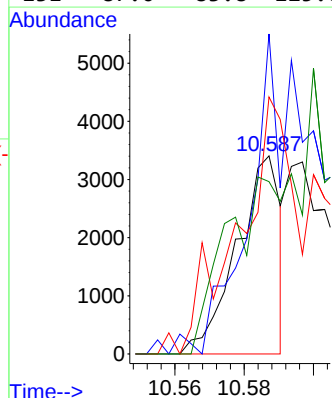
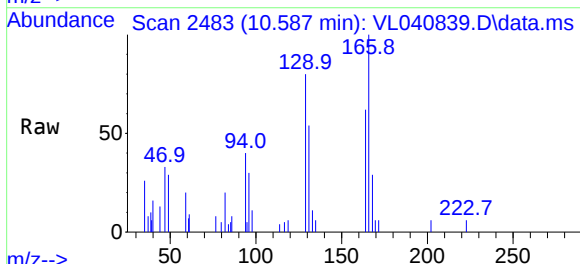
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

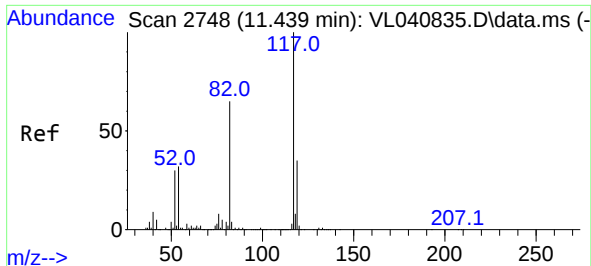
Tgt Ion:129 Resp: 5743
Ion Ratio Lower Upper
129 100
127 0.0 39.3 117.9#



#52
Tetrachloroethene
Concen: 0.037 ppbv
RT: 10.587 min Scan# 2483
Delta R.T. -0.029 min
Lab File: VL040839.D
Acq: 13 Nov 2023 13:18

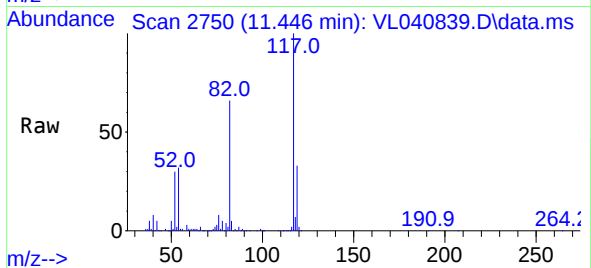
Tgt Ion:164 Resp: 2964
Ion Ratio Lower Upper
164 100
166 151.5 98.3 147.5#
129 129.8 85.1 127.7#
131 87.0 83.8 125.6



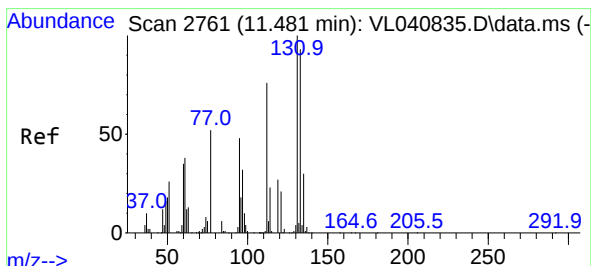
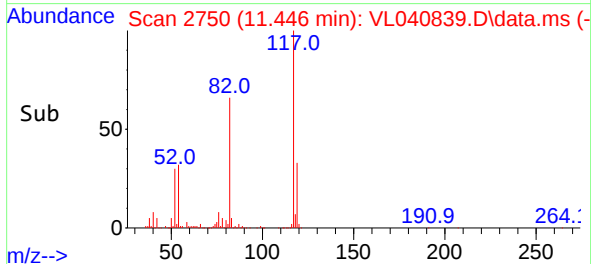
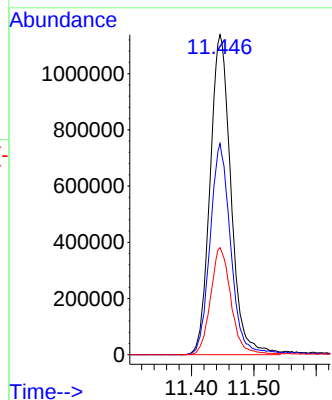


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.446 min Scan# 21
Delta R.T. -0.016 min
Lab File: VL040839.D
Acq: 13 Nov 2023 13:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

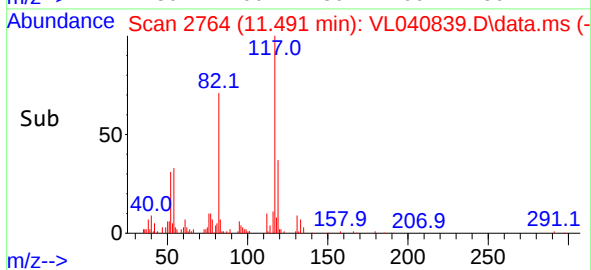
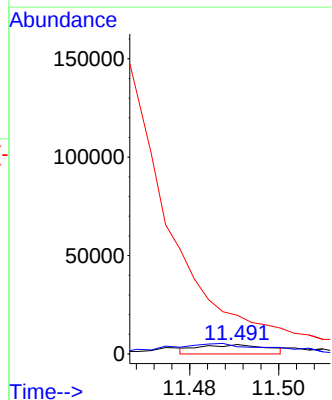
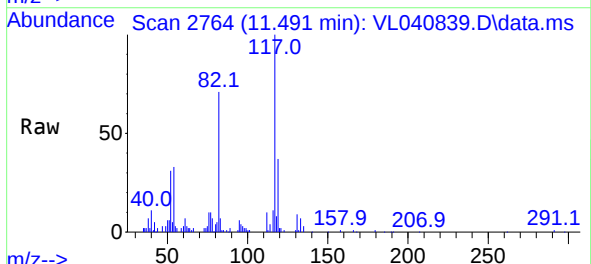


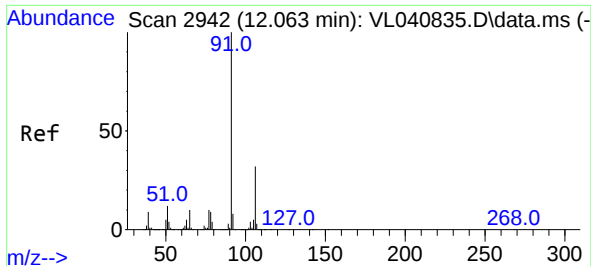
Tgt Ion:117 Resp: 2645168
Ion Ratio Lower Upper
117 100
82 66.4 50.6 75.8
119 33.1 23.3 34.9



#56
1,1,1,2-Tetrachloroethane
Concen: 0.044 ppbv
RT: 11.491 min Scan# 2764
Delta R.T. -0.016 min
Lab File: VL040839.D
Acq: 13 Nov 2023 13:18

Tgt Ion:131 Resp: 5028
Ion Ratio Lower Upper
131 100
133 205.2 76.4 114.6#
119 0.0 51.1 76.7#

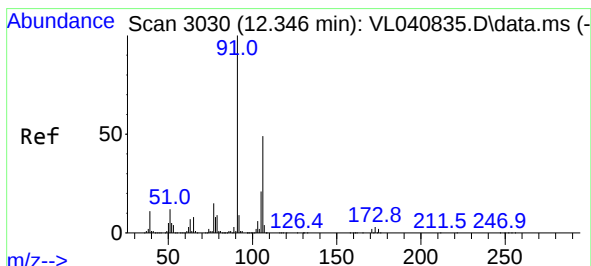
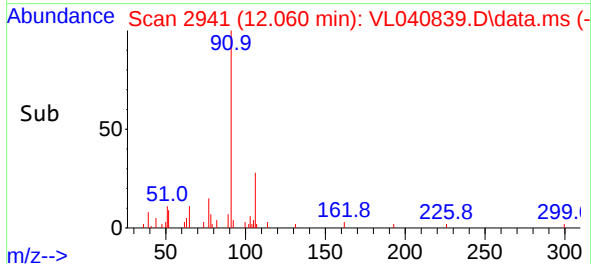
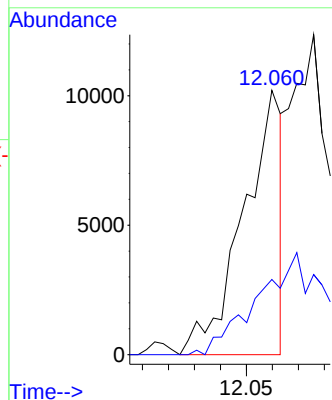
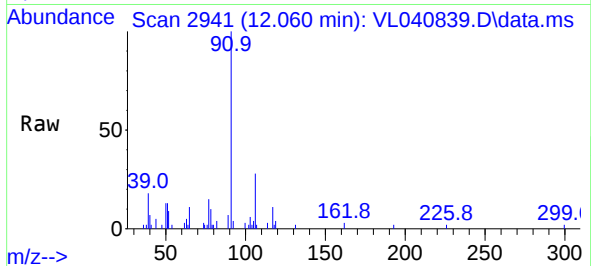




#58
Ethyl Benzene
Concen: 0.030 ppbv
RT: 12.060 min Scan# 2941
Delta R.T. -0.026 min
Lab File: VL040839.D
Acq: 13 Nov 2023 13:18

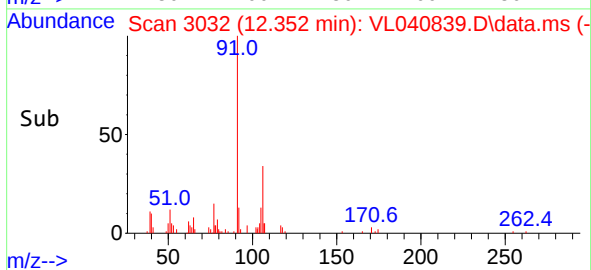
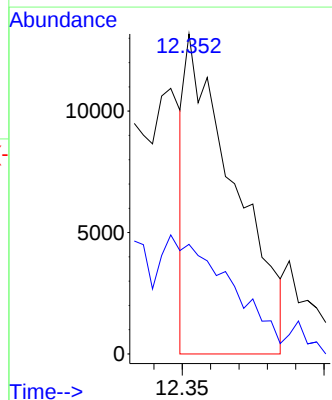
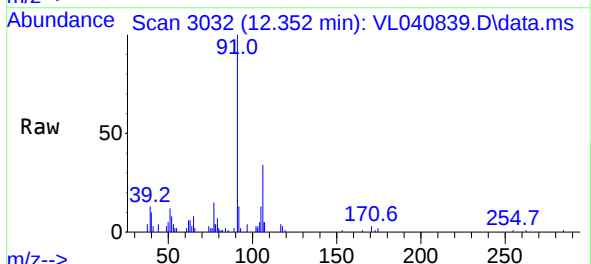
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1

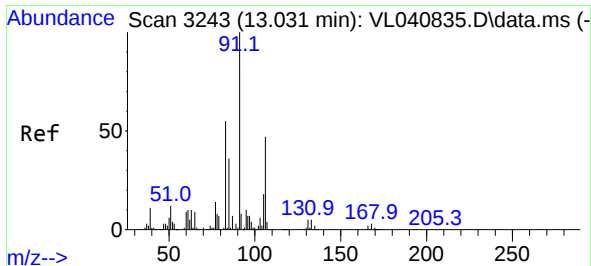
Tgt Ion: 91 Resp: 10487
Ion Ratio Lower Upper
91 100
106 28.4 25.2 37.8



#59
m/p-Xylene
Concen: 0.053 ppbv
RT: 12.352 min Scan# 3032
Delta R.T. -0.016 min
Lab File: VL040839.D
Acq: 13 Nov 2023 13:18

Tgt Ion: 91 Resp: 15713
Ion Ratio Lower Upper
91 100
106 0.0 35.4 53.0#

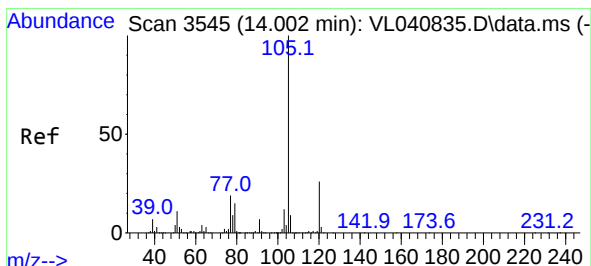
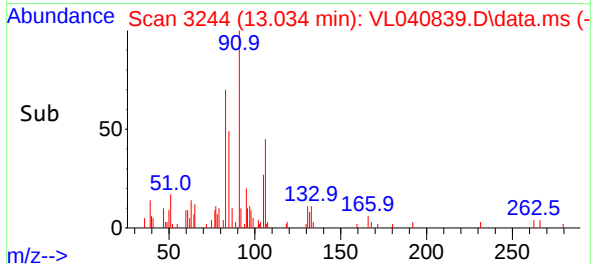
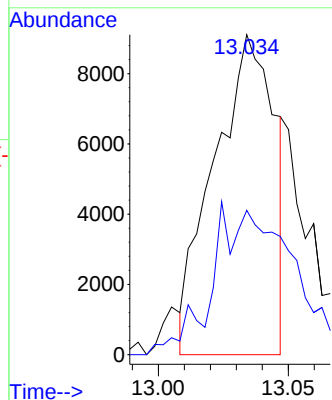
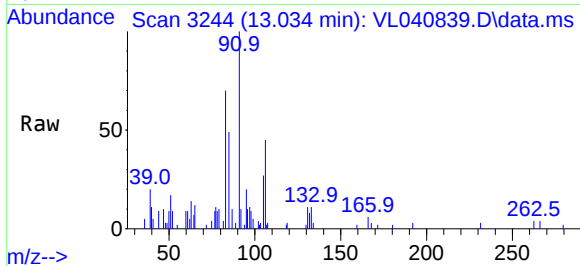




#60
o-Xylene
Concen: 0.053 ppbv
RT: 13.034 min Scan# 31
Delta R.T. -0.019 min
Lab File: VL040839.D
Acq: 13 Nov 2023 13:18

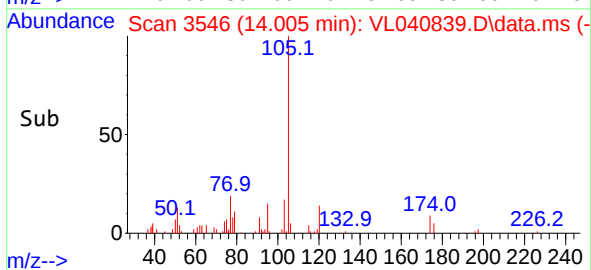
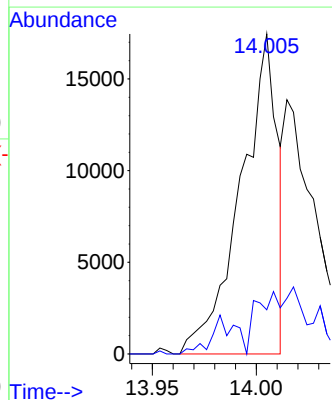
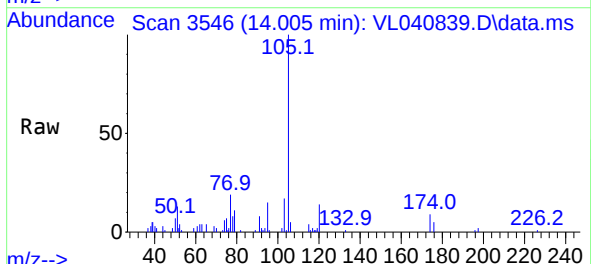
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1

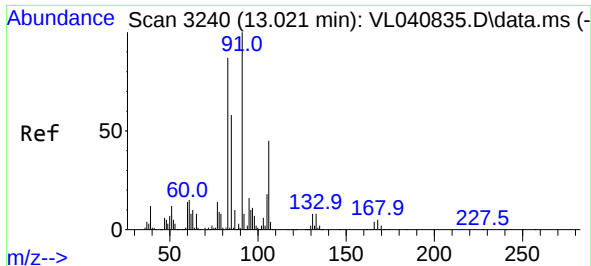
Tgt Ion: 91 Resp: 14719
Ion Ratio Lower Upper
91 100
106 65.2 22.9 68.5



#62
Isopropylbenzene
Concen: 0.052 ppbv
RT: 14.005 min Scan# 3546
Delta R.T. -0.019 min
Lab File: VL040839.D
Acq: 13 Nov 2023 13:18

Tgt Ion: 105 Resp: 21315
Ion Ratio Lower Upper
105 100
120 0.0 20.7 31.1#

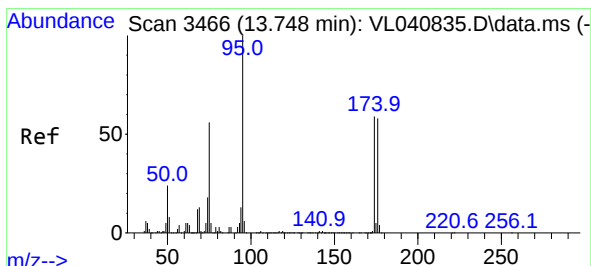
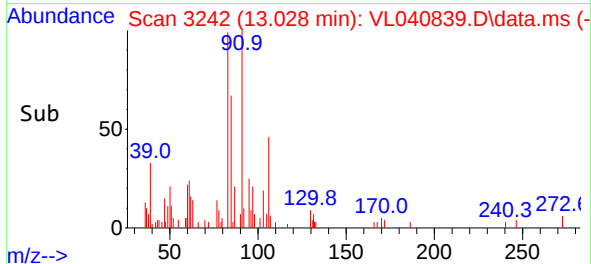
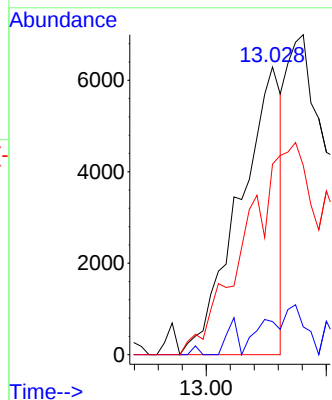
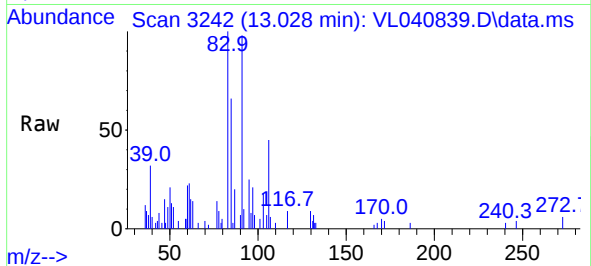




#63
1,1,2,2-Tetrachloroethane
Concen: 0.038 ppbv
RT: 13.028 min Scan# 31
Delta R.T. -0.013 min
Lab File: VL040839.D
Acq: 13 Nov 2023 13:18

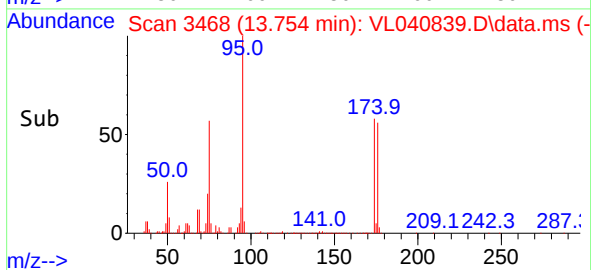
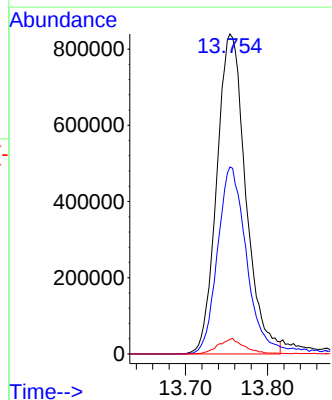
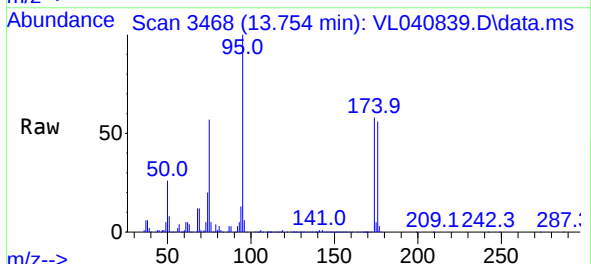
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

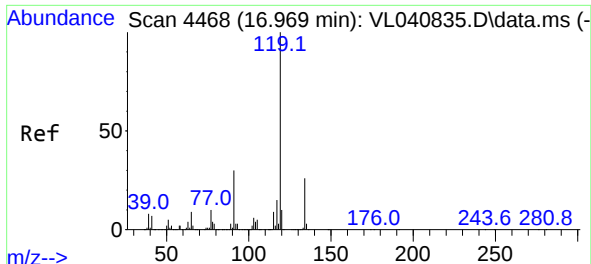
Tgt Ion: 83 Resp: 7603
Ion Ratio Lower Upper
83 100
131 0.0 4.5 13.7#
85 0.0 32.9 98.7#



#68
1-Bromo-4-Fluorobenzene
Concen: 9.942 ppbv
RT: 13.754 min Scan# 3468
Delta R.T. -0.016 min
Lab File: VL040839.D
Acq: 13 Nov 2023 13:18

Tgt Ion: 95 Resp: 2059042
Ion Ratio Lower Upper
95 100
174 59.3 47.5 71.3
175 4.6 3.6 5.4

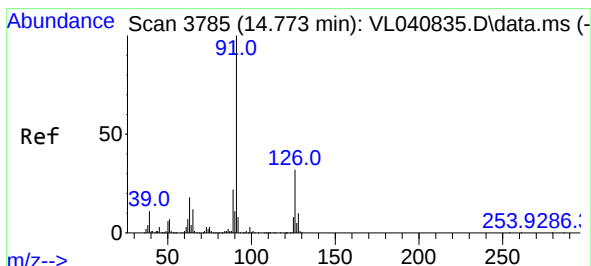
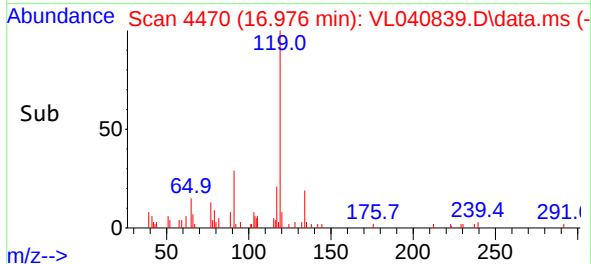
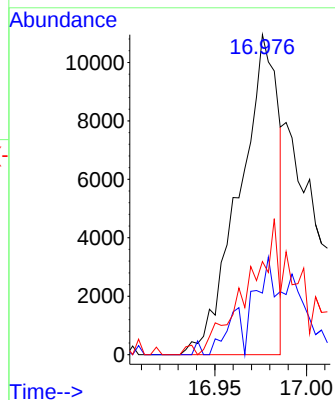
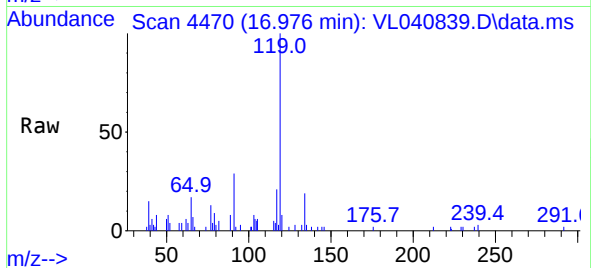




#69
p-Isopropyltoluene
Concen: 0.040 ppbv
RT: 16.976 min Scan# 4468
Delta R.T. -0.010 min
Lab File: VL040839.D
Acq: 13 Nov 2023 13:18

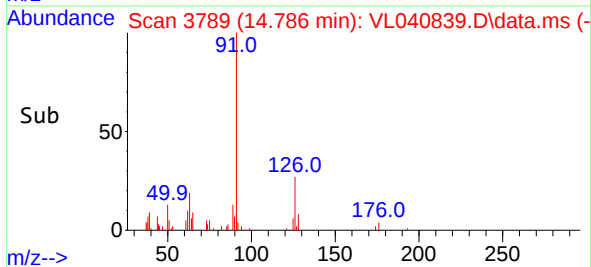
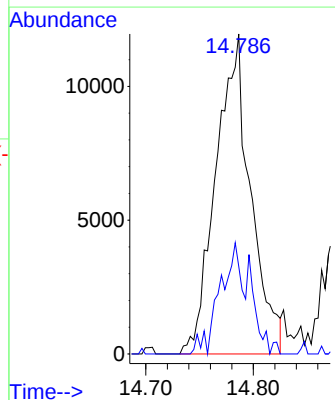
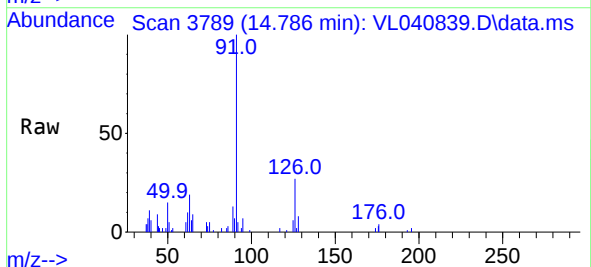
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1

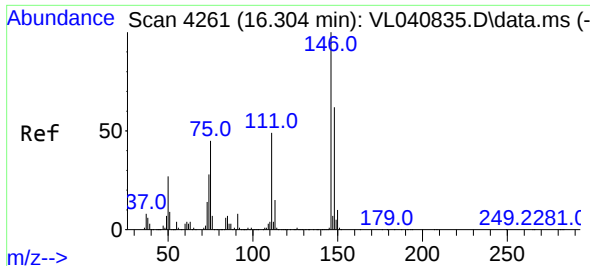
Tgt Ion:119 Resp: 16033
Ion Ratio Lower Upper
119 100
134 39.2 20.5 30.7#
91 62.6 24.7 37.1#



#71
2-Chlorotoluene
Concen: 0.085 ppbv
RT: 14.786 min Scan# 3789
Delta R.T. -0.010 min
Lab File: VL040839.D
Acq: 13 Nov 2023 13:18

Tgt Ion: 91 Resp: 26830
Ion Ratio Lower Upper
91 100
126 29.8 12.1 48.5

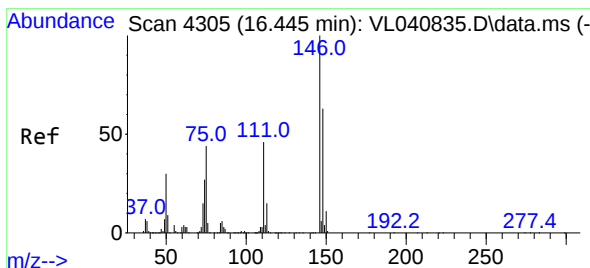
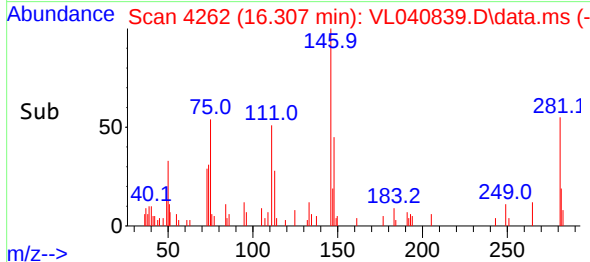
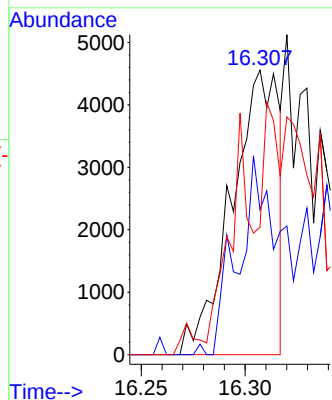
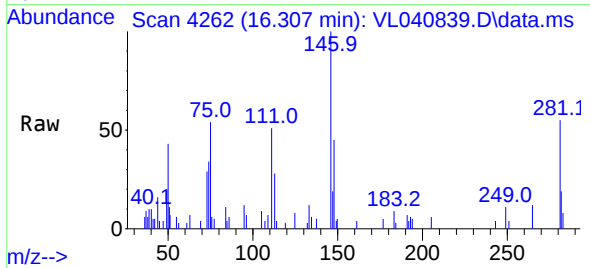




#75
1,3-Dichlorobenzene
Concen: 0.043 ppbv
RT: 16.307 min Scan# 41
Delta R.T. -0.016 min
Lab File: VL040839.D
Acq: 13 Nov 2023 13:18

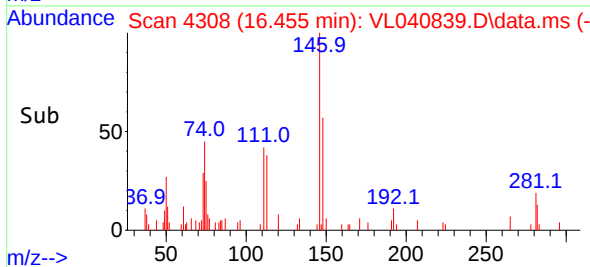
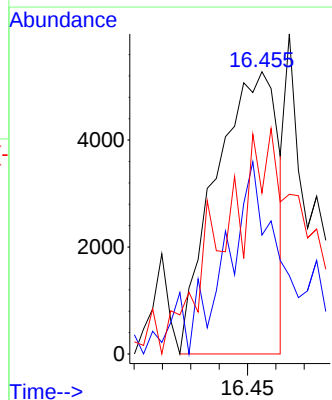
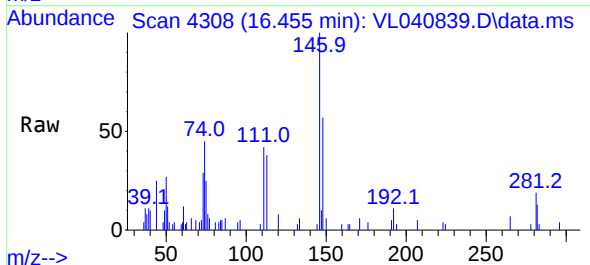
Instrument :
MSVOA_1
ClientSampleId :
VSTDICC0.1

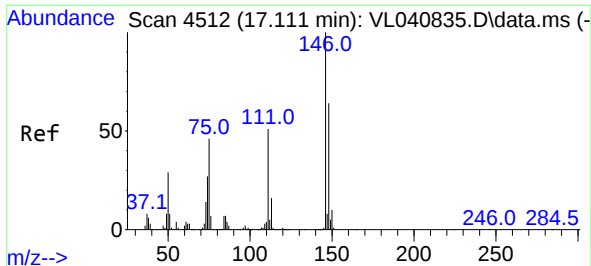
Tgt Ion:146 Resp: 7161
Ion Ratio Lower Upper
146 100
111 60.0 24.9 74.8
148 169.7 32.1 96.5#



#76
1,4-Dichlorobenzene
Concen: 0.050 ppbv
RT: 16.455 min Scan# 4308
Delta R.T. -0.010 min
Lab File: VL040839.D
Acq: 13 Nov 2023 13:18

Tgt Ion:146 Resp: 8026
Ion Ratio Lower Upper
146 100
111 83.5 24.1 72.4#
148 128.6 32.3 96.9#





#77

1,2-Dichlorobenzene

Concen: 0.035 ppbv

RT: 17.121 min Scan# 4

Delta R.T. -0.013 min

Lab File: VL040839.D

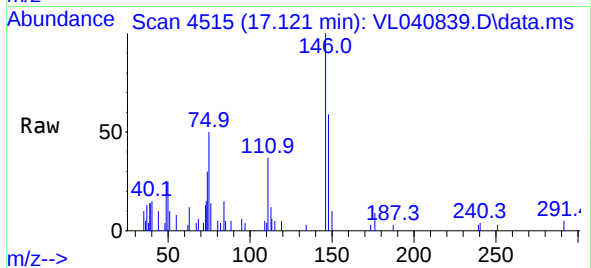
Acq: 13 Nov 2023 13:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.1



Tgt Ion:146 Resp: 5726

Ion Ratio Lower Upper

146 100

111 136.9 25.7 77.1#

148 180.8 32.3 96.9#

