

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111323\
 Data File : VW032950.D
 Acq On : 13 Nov 2023 22:49
 Operator : SY/MD
 Sample : 05296-10 80X
 Misc : 5.69gm/5mL/100uL/5mL/MSVOA_V/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH3S4

Quant Time: Nov 14 01:39:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM111323WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 14 01:11:23 2023
 Response via : Initial Calibration

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

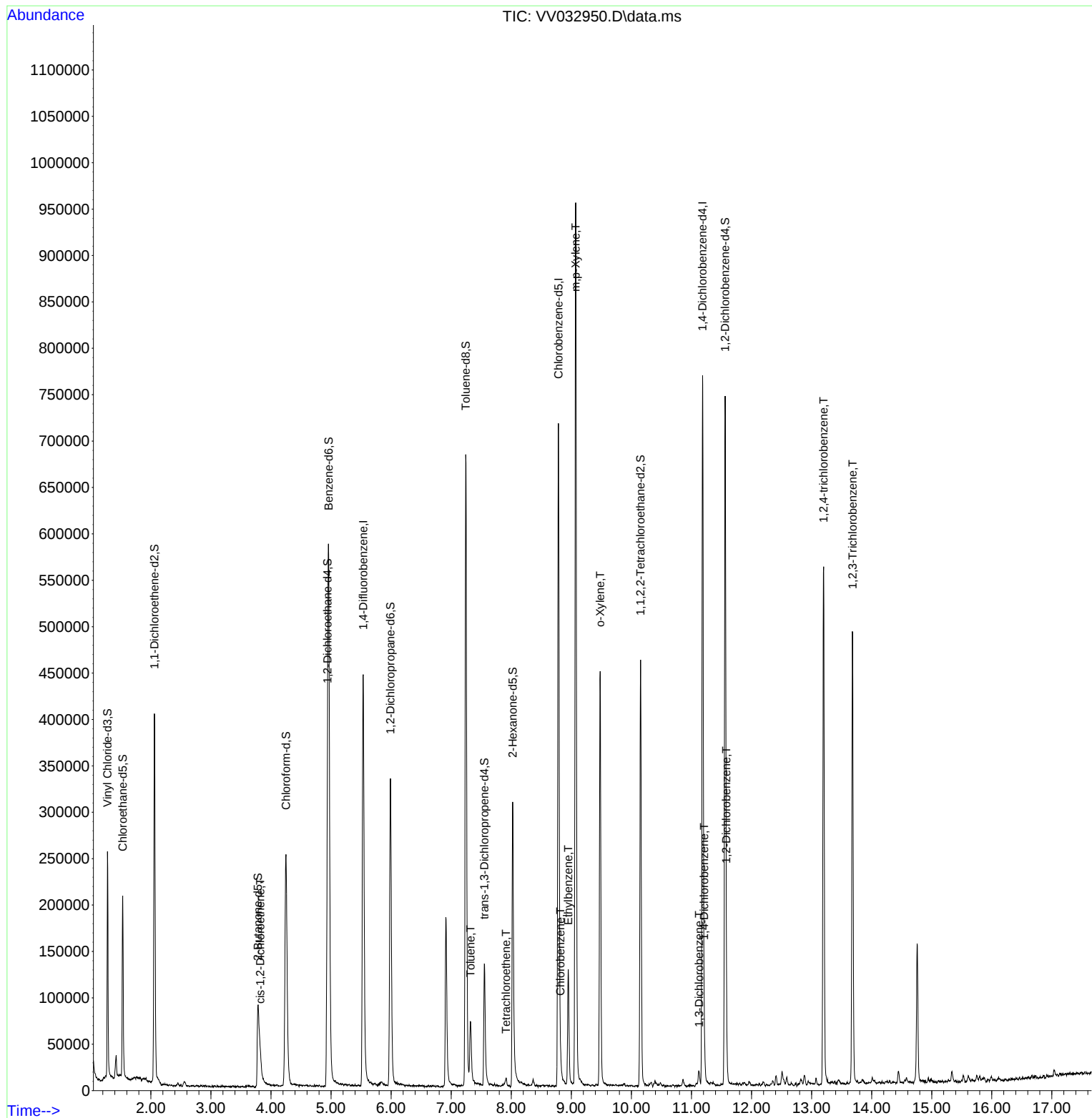
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	401245	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	399796	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	193619	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	152372	44.900	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	89.800%		
7) Chloroethane-d5	1.532	69	130883	46.549	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	93.100%		
11) 1,1-Dichloroethene-d2	2.060	65	63477	42.931	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.860%		
21) 2-Butanone-d5	3.783	46	120313	82.709	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	82.710%		
24) Chloroform-d	4.249	84	266554	45.466	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.940%		
26) 1,2-Dichloroethane-d4	4.941	65	169333	47.468	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.940%		
32) Benzene-d6	4.960	84	522640	47.931	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.860%		
36) 1,2-Dichloropropane-d6	5.989	67	152953	48.258	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.520%		
41) Toluene-d8	7.243	98	457910	45.549	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.100%		
43) trans-1,3-Dichloroprop...	7.551	79	76385	45.396	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.800%		
47) 2-Hexanone-d5	8.024	63	104936	90.372	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	90.370%		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	210030	45.236	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	90.480%		
66) 1,2-Dichlorobenzene-d4	11.561	152	186449	49.558	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.120%		
Target Compounds						Qvalue
20) cis-1,2-Dichloroethene	3.822	96	10329	3.414	ug/L	97
42) Toluene	7.323	91	52880	4.463	ug/L	100
46) Tetrachloroethene	7.915	164	2208	0.870	ug/L	89
51) Chlorobenzene	8.818	112	13298	1.620	ug/L	97
52) Ethylbenzene	8.950	91	87436	6.663	ug/L	95
53) m,p-Xylene	9.072	106	264094	52.342	ug/L	97
54) o-Xylene	9.481	106	117119	24.074	ug/L	95
64) 1,3-Dichlorobenzene	11.127	146	6733	1.126	ug/L	94
65) 1,4-Dichlorobenzene	11.210	146	18198	2.838	ug/L	92
67) 1,2-Dichlorobenzene	11.580	146	13685	2.277	ug/L	93
70) 1,2,4-trichlorobenzene	13.201	180	161766	40.152	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	139605	34.431	ug/L	99

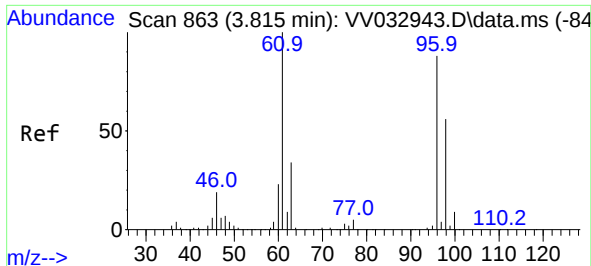
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111323\
Data File : VV032950.D
Acq On : 13 Nov 2023 22:49
Operator : SY/MD
Sample : 05296-10 80X
Misc : 5.69gm/5mL/100uL/5mL/MSVOA_V/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BH3S4

Quant Time: Nov 14 01:39:12 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM111323WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 14 01:11:23 2023
Response via : Initial Calibration

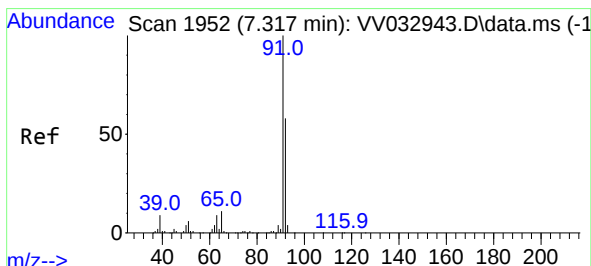
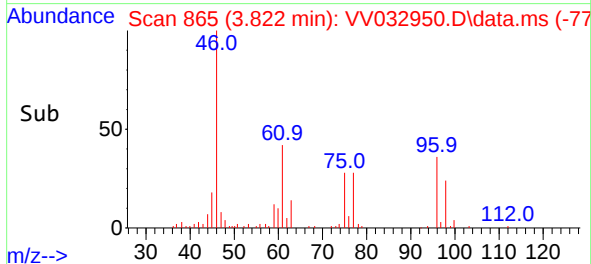
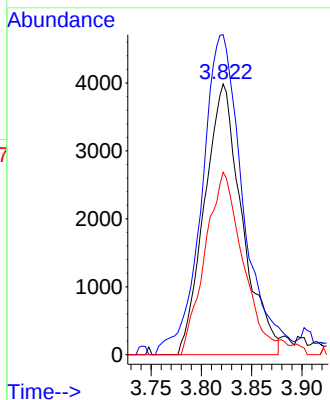
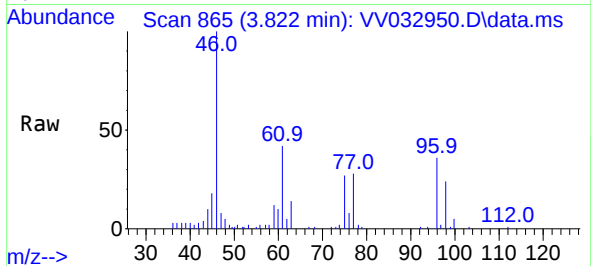




#20
 cis-1,2-Dichloroethene
 Concen: 3.414 ug/L
 RT: 3.822 min Scan# 80
 Delta R.T. 0.007 min
 Lab File: VV032950.D
 Acq: 13 Nov 2023 22:49

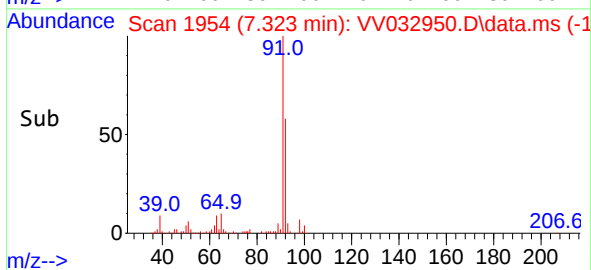
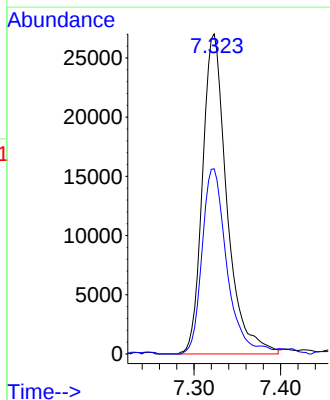
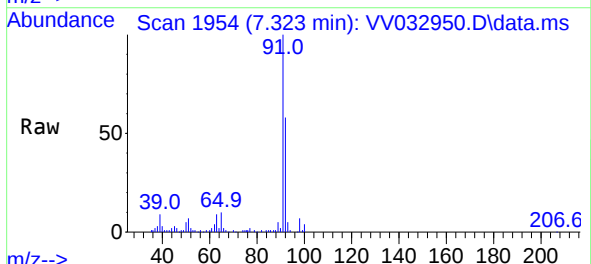
Instrument :
 MSVOA_V
 ClientSampleId :
 BH3S4

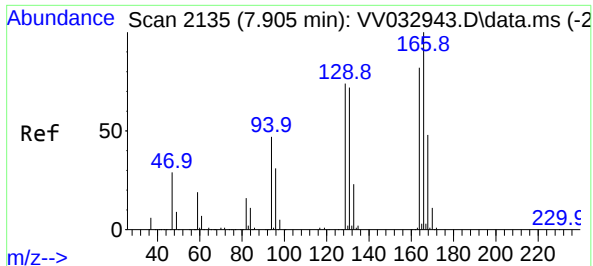
Tgt Ion: 96 Resp: 10329
 Ion Ratio Lower Upper
 96 100
 61 118.2 83.5 155.1
 98 67.4 44.0 81.8



#42
 Toluene
 Concen: 4.463 ug/L
 RT: 7.323 min Scan# 1954
 Delta R.T. 0.007 min
 Lab File: VV032950.D
 Acq: 13 Nov 2023 22:49

Tgt Ion: 91 Resp: 52880
 Ion Ratio Lower Upper
 91 100
 92 57.8 40.3 74.9



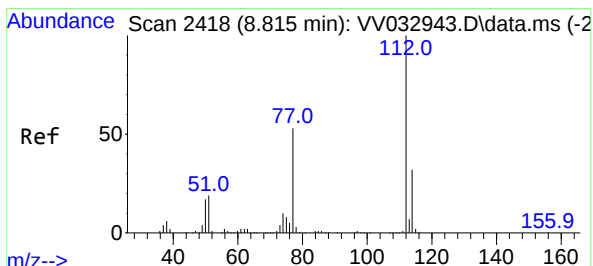
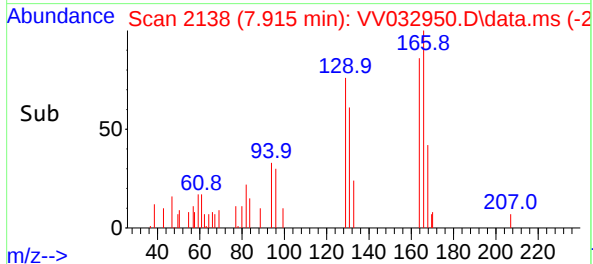
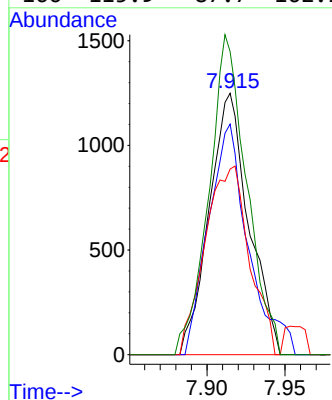
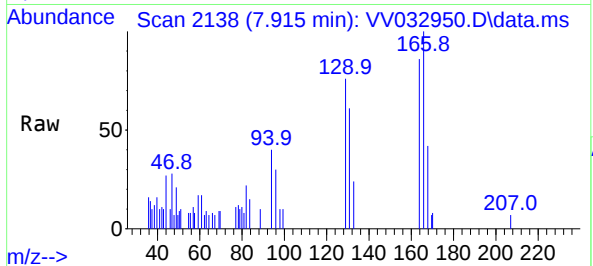


#46
Tetrachloroethene
Concen: 0.870 ug/L
RT: 7.915 min Scan# 2135
Delta R.T. 0.010 min
Lab File: VV032950.D
Acq: 13 Nov 2023 22:49

Instrument :
MSVOA_V
ClientSampleId :
BH3S4

Tgt Ion:164 Resp: 2208

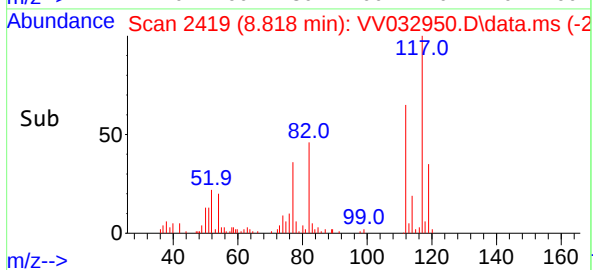
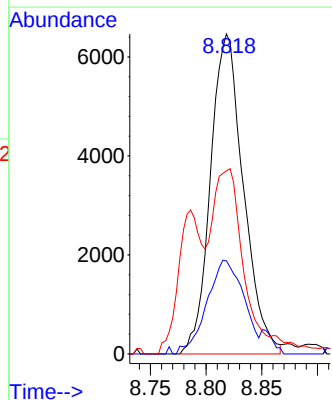
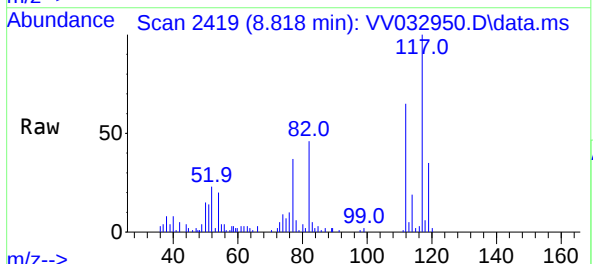
Ion	Ratio	Lower	Upper
164	100		
129	88.2	64.2	119.2
131	71.0	63.5	117.9
166	115.9	87.7	162.9

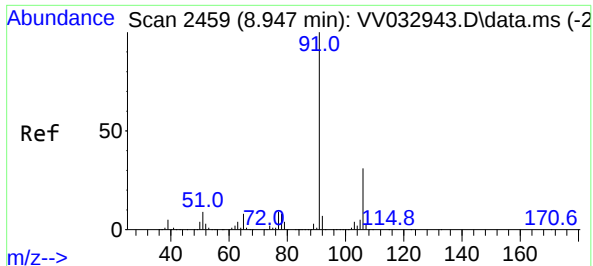


#51
Chlorobenzene
Concen: 1.620 ug/L
RT: 8.818 min Scan# 2419
Delta R.T. 0.003 min
Lab File: VV032950.D
Acq: 13 Nov 2023 22:49

Tgt Ion:112 Resp: 13298

Ion	Ratio	Lower	Upper
112	100		
114	29.1	22.1	41.1
77	57.2	44.2	66.2

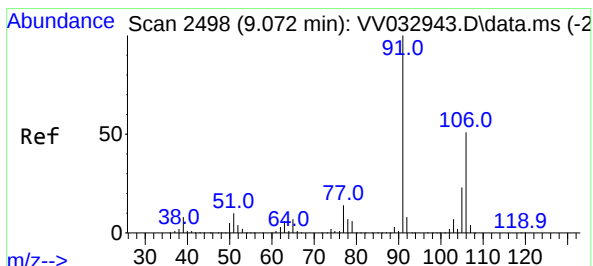
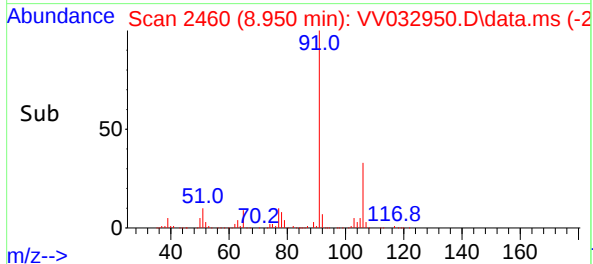
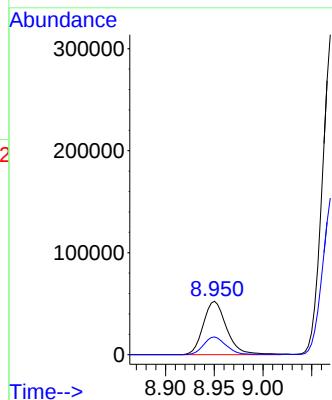
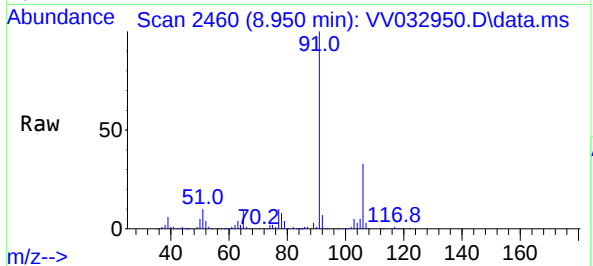




#52
Ethylbenzene
Concen: 6.663 ug/L
RT: 8.950 min Scan# 2459
Delta R.T. 0.003 min
Lab File: VV032950.D
Acq: 13 Nov 2023 22:49

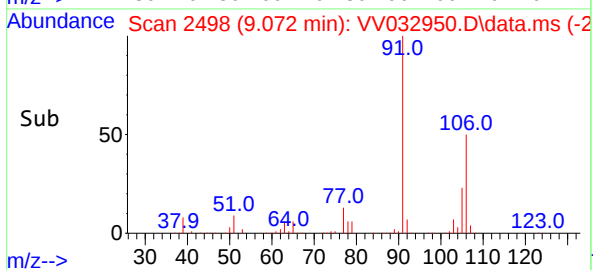
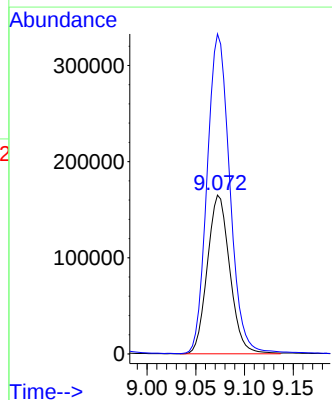
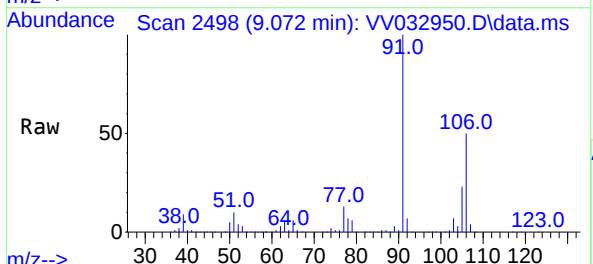
Instrument :
MSVOA_V
ClientSampleId :
BH3S4

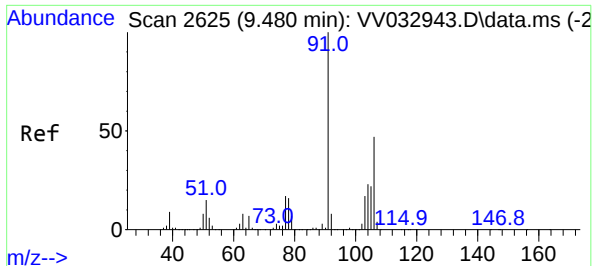
Tgt Ion: 91 Resp: 87436
Ion Ratio Lower Upper
91 100
106 33.4 21.6 40.0



#53
m,p-Xylene
Concen: 52.342 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. 0.000 min
Lab File: VV032950.D
Acq: 13 Nov 2023 22:49

Tgt Ion: 106 Resp: 264094
Ion Ratio Lower Upper
106 100
91 201.4 137.5 255.4





#54

o-Xylene

Concen: 24.074 ug/L

RT: 9.481 min Scan# 2

Delta R.T. 0.000 min

Lab File: VV032950.D

Acq: 13 Nov 2023 22:49

Instrument :

MSVOA_V

ClientSampleId :

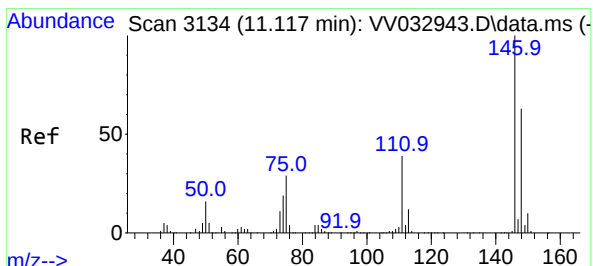
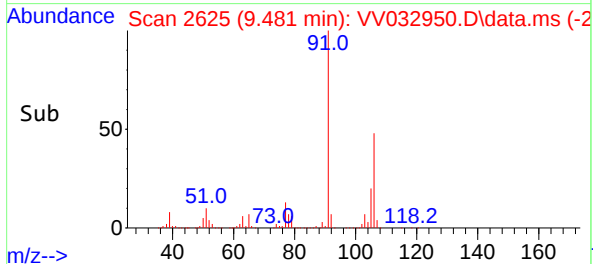
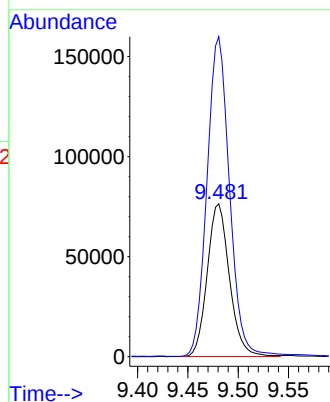
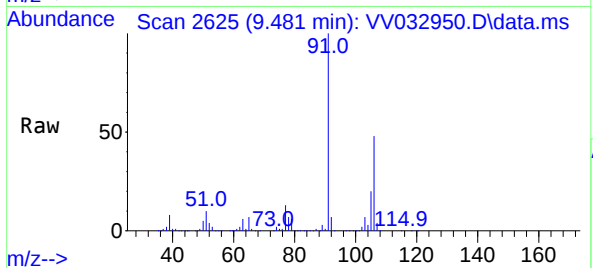
BH3S4

Tgt Ion:106 Resp: 117119

Ion Ratio Lower Upper

106 100

91 209.2 151.6 281.6



#64

1,3-Dichlorobenzene

Concen: 1.126 ug/L

RT: 11.127 min Scan# 3137

Delta R.T. 0.010 min

Lab File: VV032950.D

Acq: 13 Nov 2023 22:49

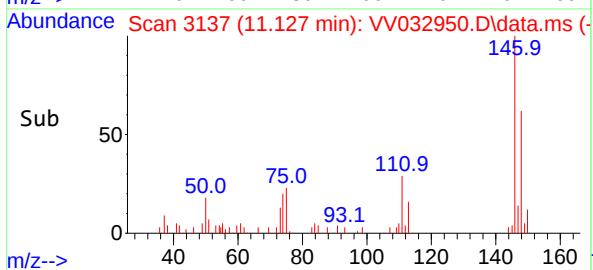
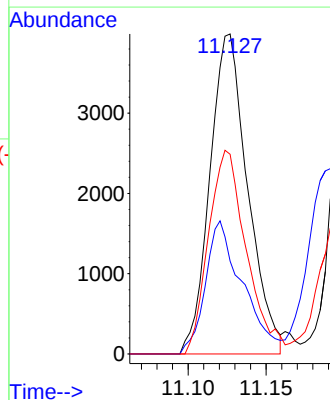
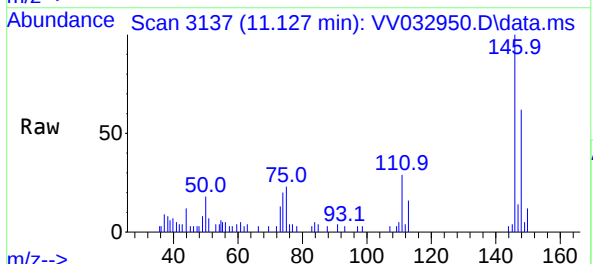
Tgt Ion:146 Resp: 6733

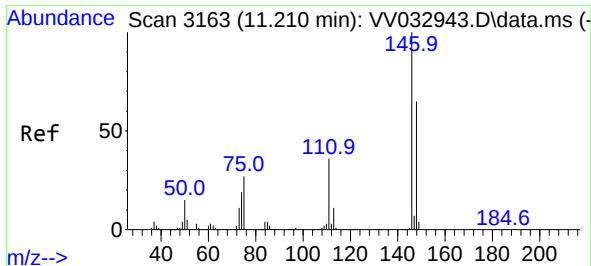
Ion Ratio Lower Upper

146 100

111 29.0 26.9 49.9

148 62.4 43.6 81.0

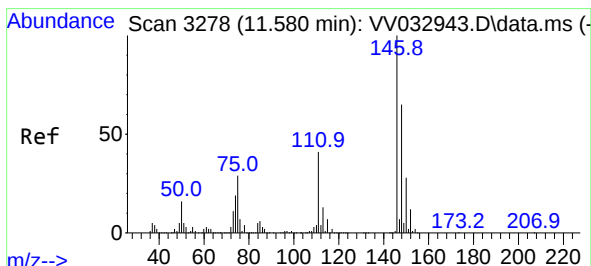
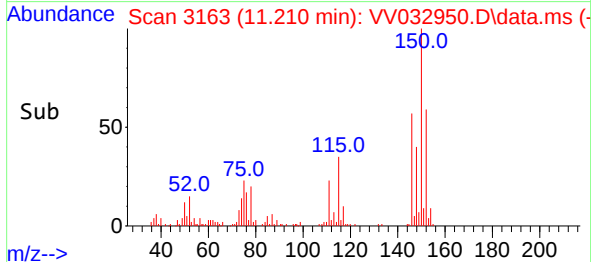
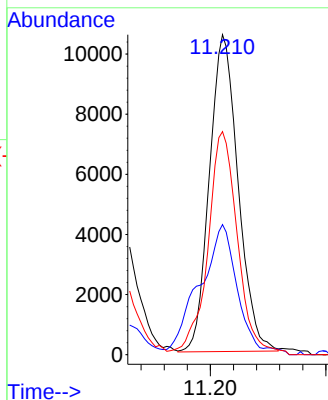
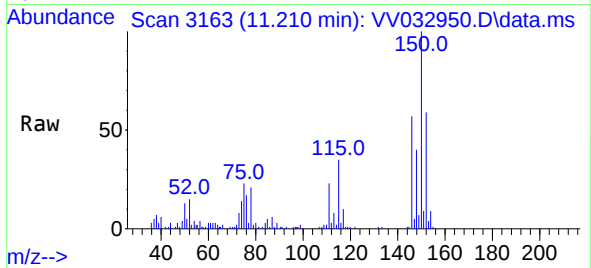




#65
1,4-Dichlorobenzene
Concen: 2.838 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. 0.000 min
Lab File: VV032950.D
Acq: 13 Nov 2023 22:49

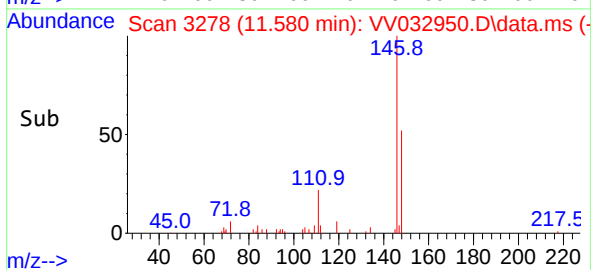
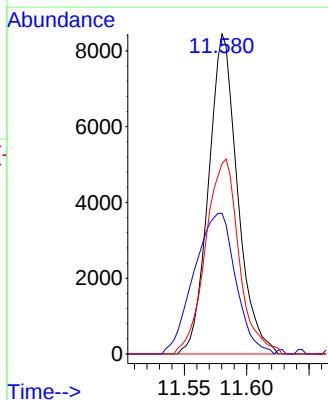
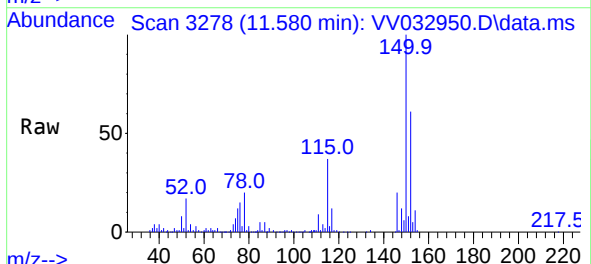
Instrument :
MSVOA_V
ClientSampleId :
BH3S4

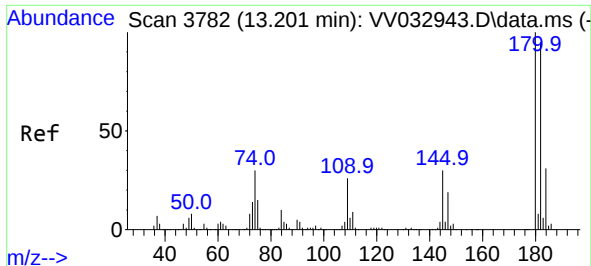
Tgt Ion:	146	Resp:	18198
Ion Ratio	Lower	Upper	
146	100		
111	40.6	25.5	47.3
148	69.7	44.4	82.5



#67
1,2-Dichlorobenzene
Concen: 2.277 ug/L
RT: 11.580 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VV032950.D
Acq: 13 Nov 2023 22:49

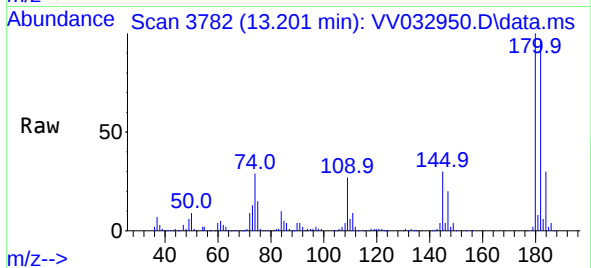
Tgt Ion:	146	Resp:	13685
Ion Ratio	Lower	Upper	
146	100		
111	44.0	31.1	46.7
148	59.5	51.4	77.0



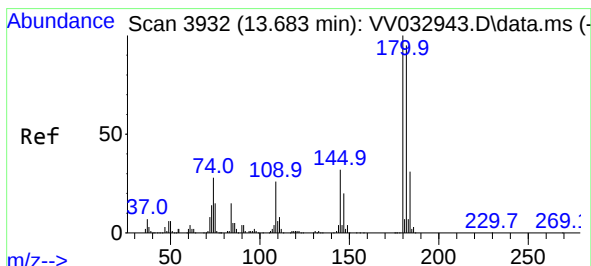
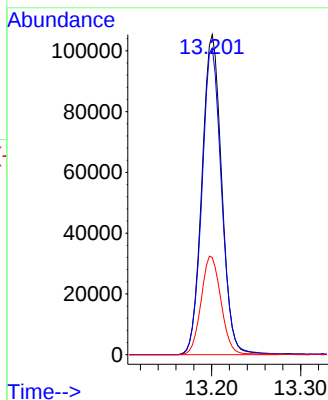
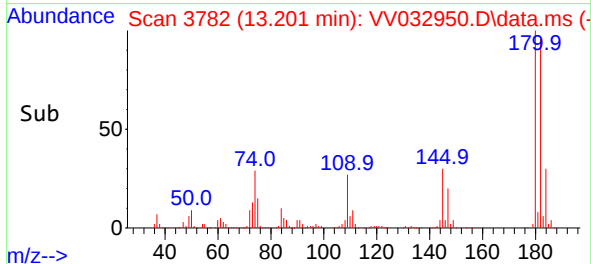


#70
1,2,4-trichlorobenzene
Concen: 40.152 ug/L
RT: 13.201 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV032950.D
Acq: 13 Nov 2023 22:49

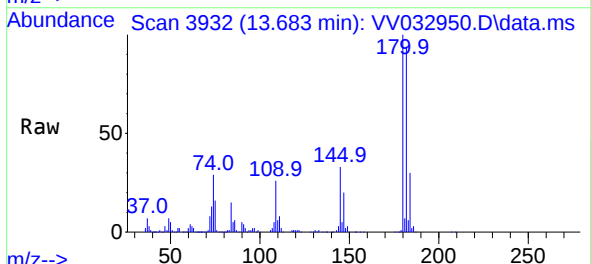
Instrument :
MSVOA_V
ClientSampleId :
BH3S4



Tgt Ion:180 Resp: 161766
Ion Ratio Lower Upper
180 100
182 95.3 77.0 115.4
145 31.0 24.3 36.5



#72
1,2,3-Trichlorobenzene
Concen: 34.431 ug/L
RT: 13.683 min Scan# 3932
Delta R.T. 0.000 min
Lab File: VV032950.D
Acq: 13 Nov 2023 22:49



Tgt Ion:180 Resp: 139605
Ion Ratio Lower Upper
180 100
182 94.7 76.9 115.3
145 32.7 26.1 39.1

