

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 :

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)

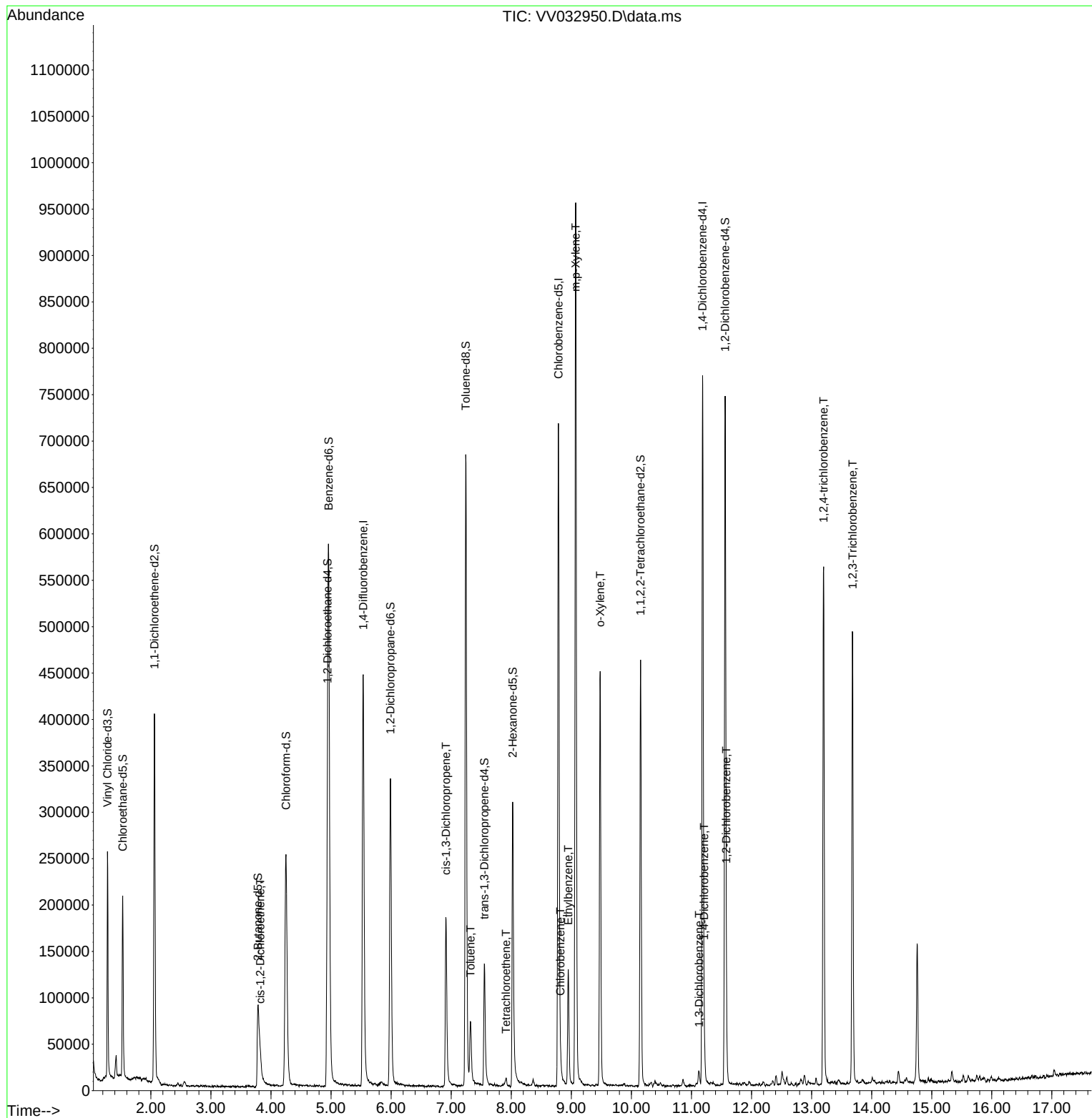
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	401245	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	399796	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	193619	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	152372	44.900	ug/L	0.00
Spiked Amount	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
39) cis-1,3-Dichloropropene	6.915	75	4678	1.037	ug/L #	47
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

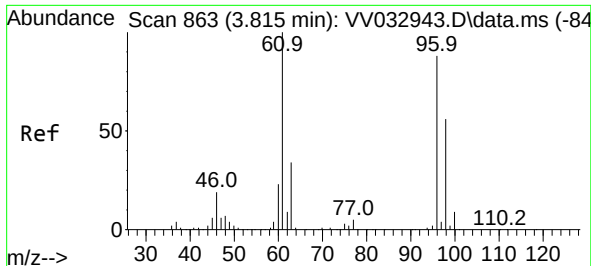
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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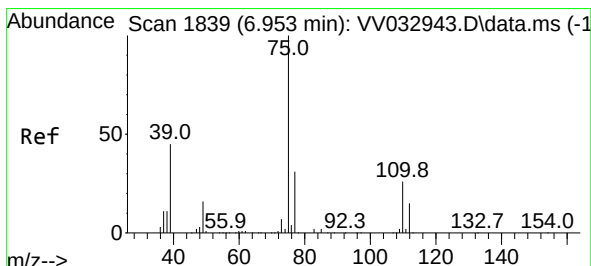
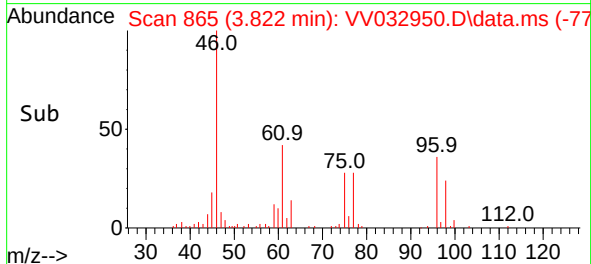
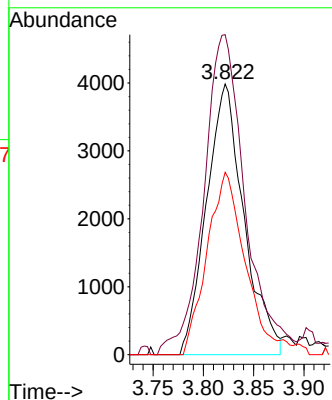
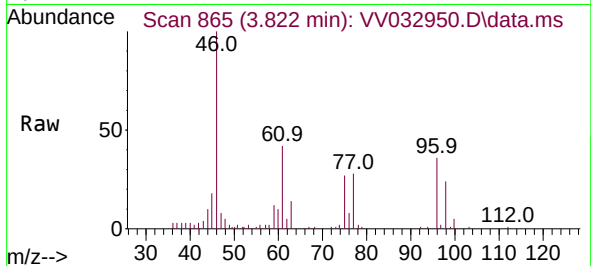




#20
 cis-1,2-Dichloroethene
 Concen: 3.414 ug/L
 RT: 3.822 min Scan# 80
 Delta R.T. 0.007 min
 Lab File: VV032950.D
 Acq: 13 Nov 2023 22:49

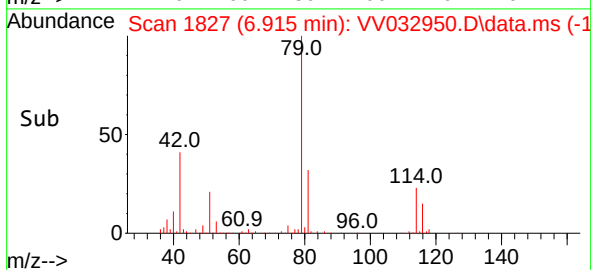
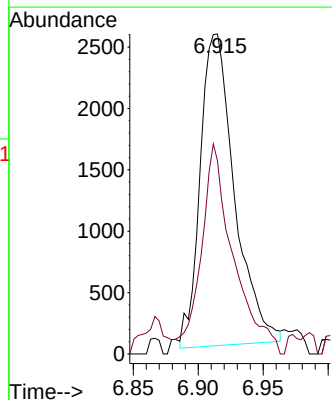
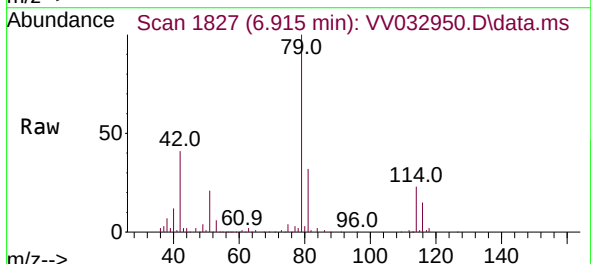
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 MSVOA_V
 ClientSampleId :

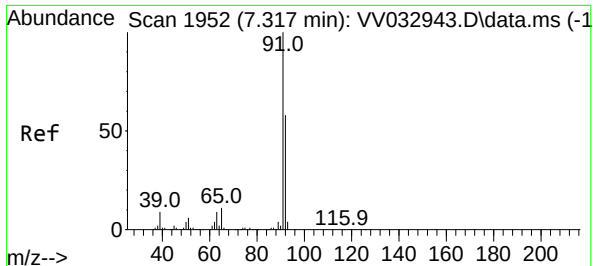
Tgt Ion: 96 Resp: 10329
 Ion Ratio Lower Upper
 96 100
 61 118.2 83.5 155.1
 98 67.4 44.0 81.8



#39
 cis-1,3-Dichloropropene
 Concen: 1.037 ug/L
 RT: 6.915 min Scan# 1827
 Delta R.T. -0.038 min
 Lab File: VV032950.D
 Acq: 13 Nov 2023 22:49

Tgt Ion: 75 Resp: 4678
 Ion Ratio Lower Upper
 75 100
 77 60.3 21.8 40.6#





#42

Toluene

Concen: 4.463 ug/L

RT: 7.323 min Scan# 1952

Delta R.T. 0.007 min

Lab File: VV032950.D

Acq: 13 Nov 2023 22:49

Instrument :

MSVOA_V

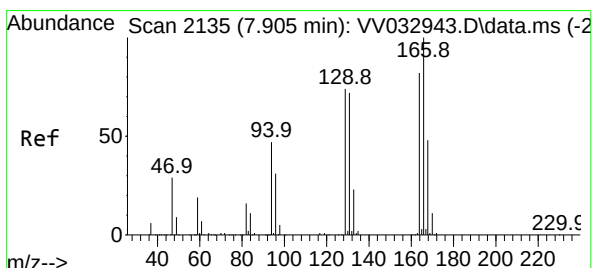
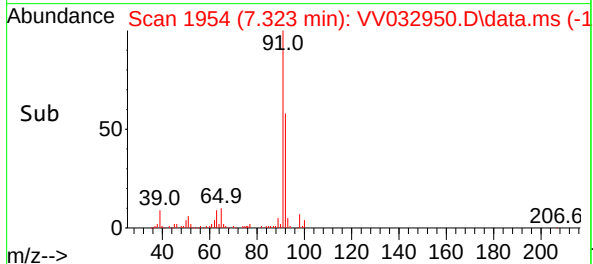
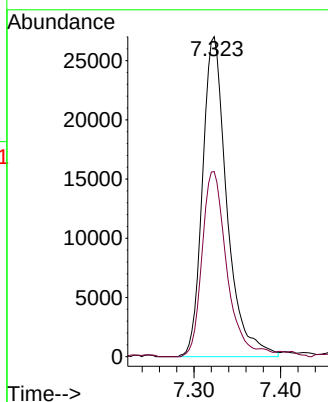
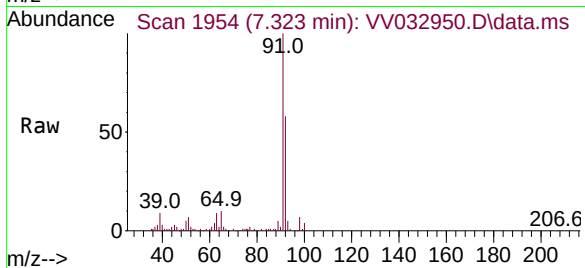
ClientSampleId :

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# 2138

Delta R.T. 0.010 min

Lab File: VV032950.D

Acq: 13 Nov 2023 22:49

Tgt Ion: 164 Resp: 2208

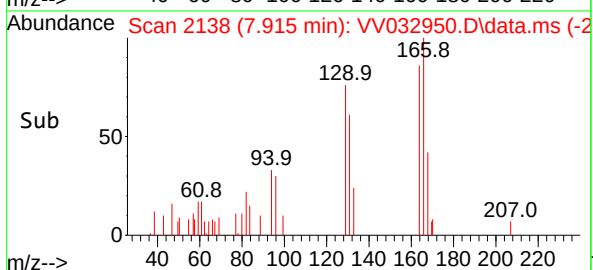
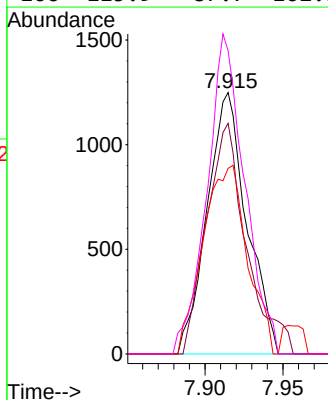
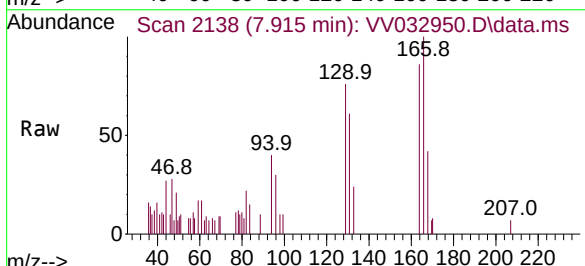
Ion Ratio Lower Upper

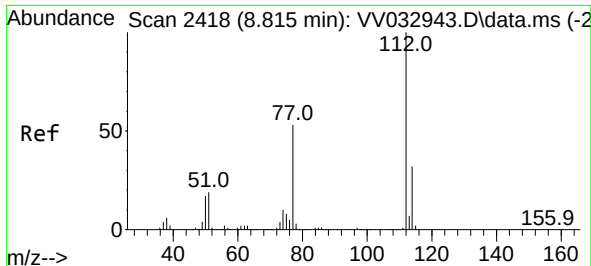
164 100

129 88.2 64.2 119.2

131 71.0 63.5 117.9

166 115.9 87.7 162.9

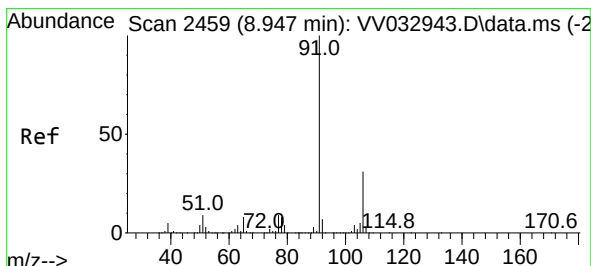
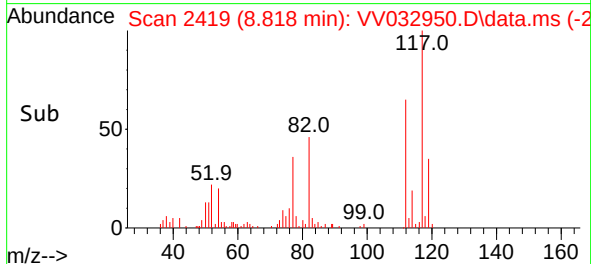
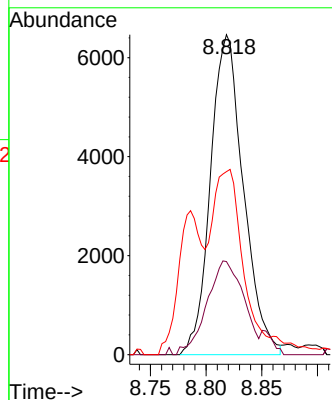
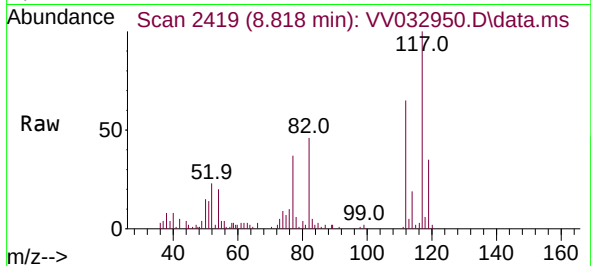




#51
Chlorobenzene
Concen: 1.620 ug/L
RT: 8.818 min Scan# 2418
Delta R.T. 0.003 min
Lab File: VV032950.D
Acq: 13 Nov 2023 22:49

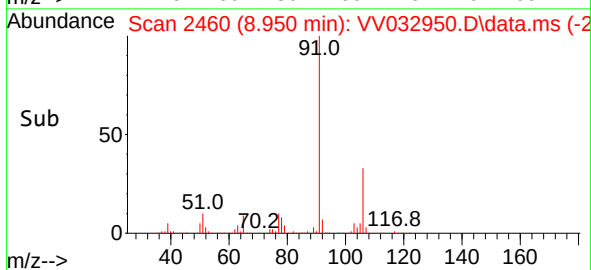
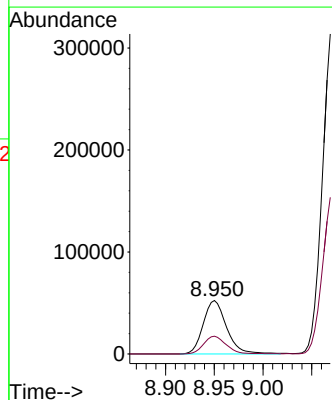
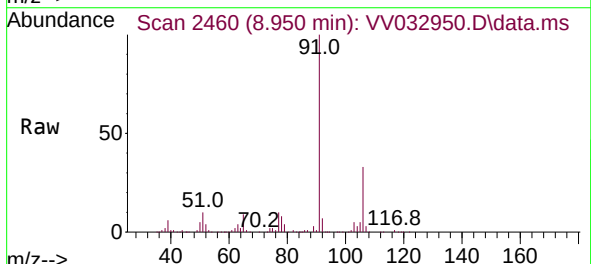
Instrument :
MSVOA_V
ClientSampleId :

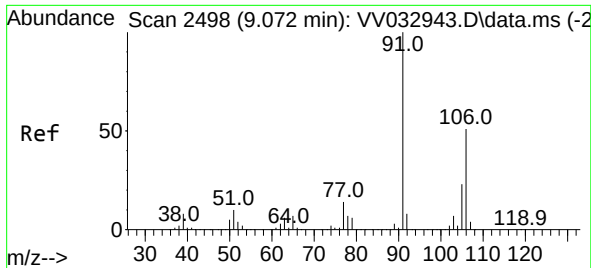
Tgt Ion:112 Resp: 13298
Ion Ratio Lower Upper
112 100
114 29.1 22.1 41.1
77 57.2 44.2 66.2



#52
Ethylbenzene
Concen: 6.663 ug/L
RT: 8.950 min Scan# 2460
Delta R.T. 0.003 min
Lab File: VV032950.D
Acq: 13 Nov 2023 22:49

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

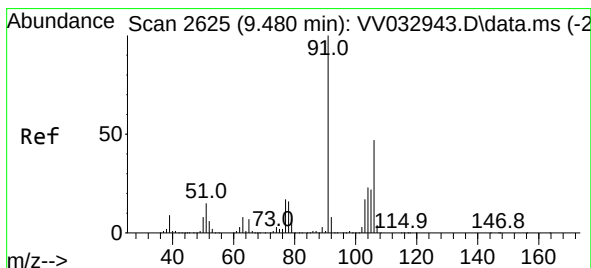
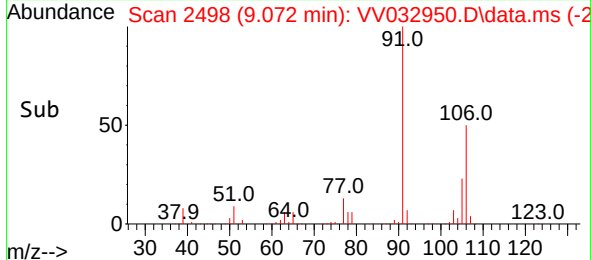
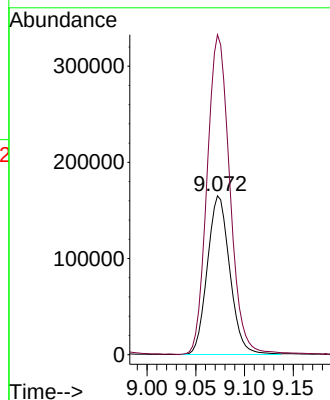
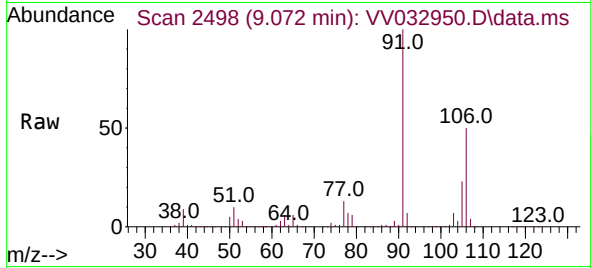




#53
m,p-Xylene
Concen: 52.342 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. 0.000 min
Lab File: VV032950.D
Acq: 13 Nov 2023 22:49

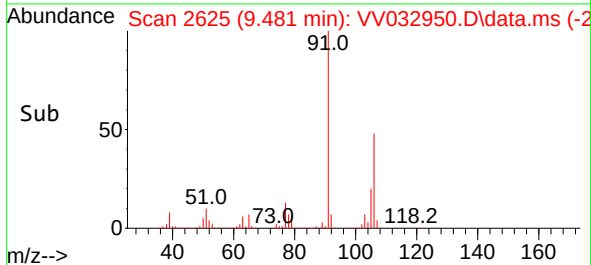
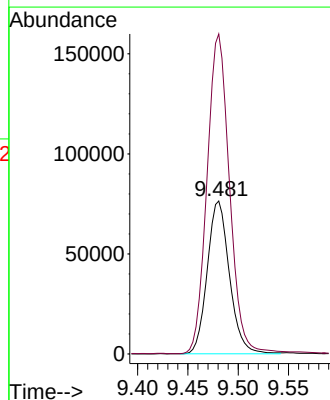
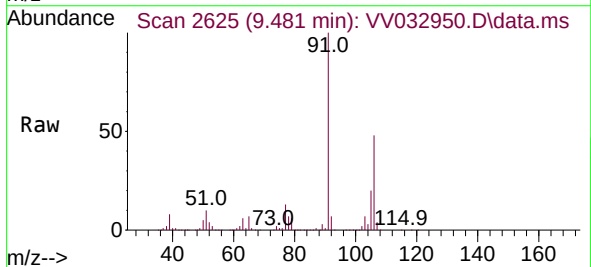
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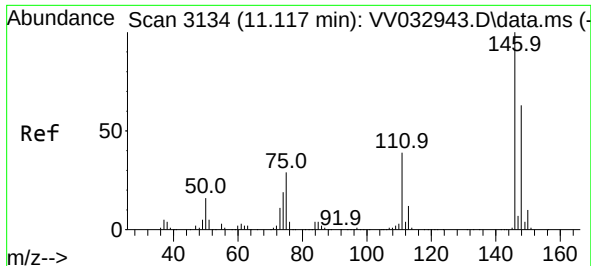
Tgt Ion:106 Resp: 264094
Ion Ratio Lower Upper
106 100
91 201.4 137.5 255.4



#54
o-Xylene
Concen: 24.074 ug/L
RT: 9.481 min Scan# 2625
Delta R.T. 0.000 min
Lab File: VV032950.D
Acq: 13 Nov 2023 22:49

Tgt Ion:106 Resp: 117119
Ion Ratio Lower Upper
106 100
91 209.2 151.6 281.6

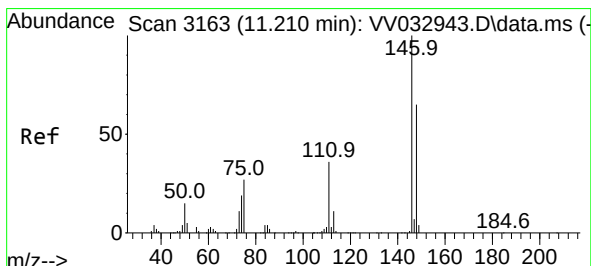
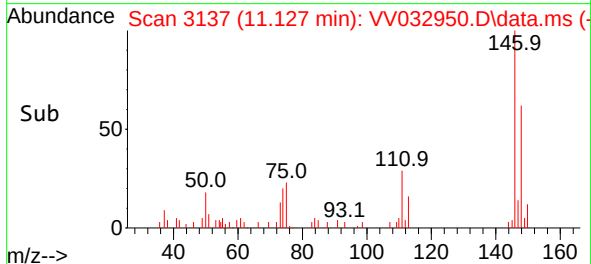
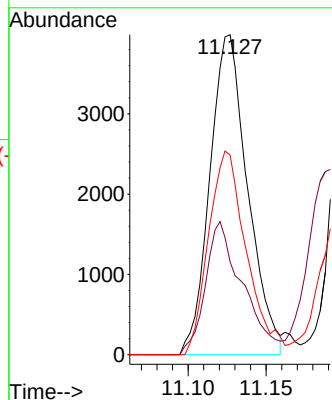
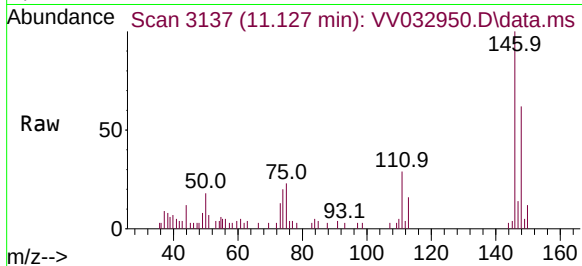




#64
1,3-Dichlorobenzene
Concen: 1.126 ug/L
RT: 11.127 min Scan# 3137
Delta R.T. 0.010 min
Lab File: VV032950.D
Acq: 13 Nov 2023 22:49

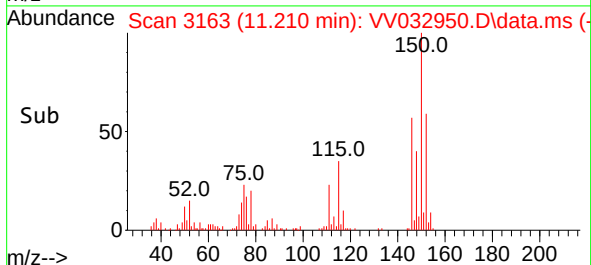
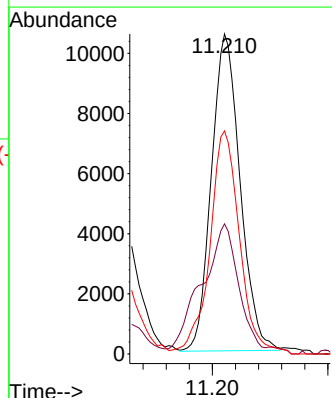
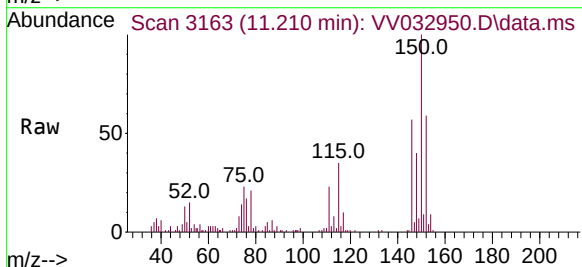
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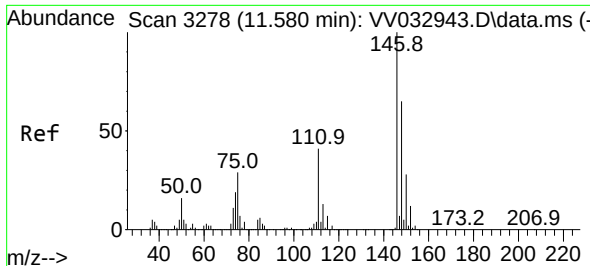
Tgt Ion:146 Resp: 6733
Ion Ratio Lower Upper
146 100
111 29.0 26.9 49.9
148 62.4 43.6 81.0



#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

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

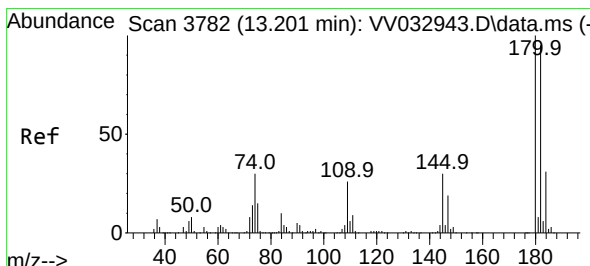
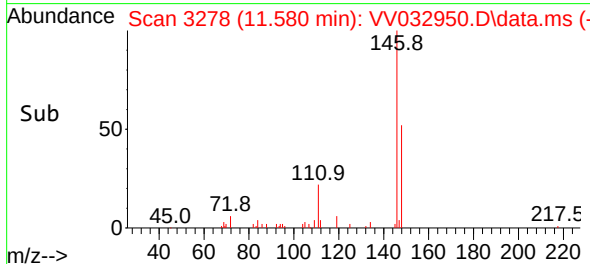
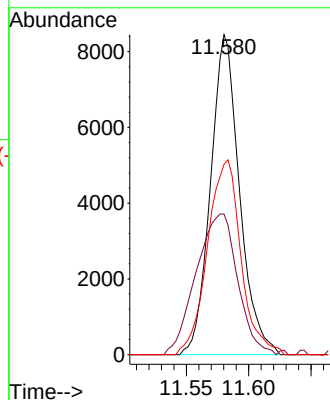
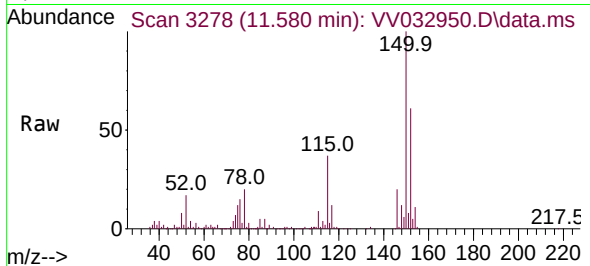




#67
1,2-Dichlorobenzene
Concen: 2.277 ug/L
RT: 11.580 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV032950.D
Acq: 13 Nov 2023 22:49

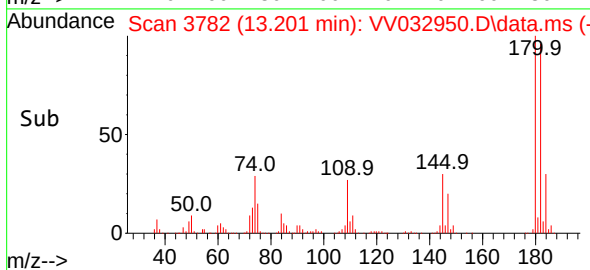
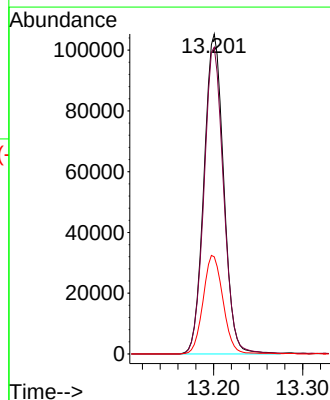
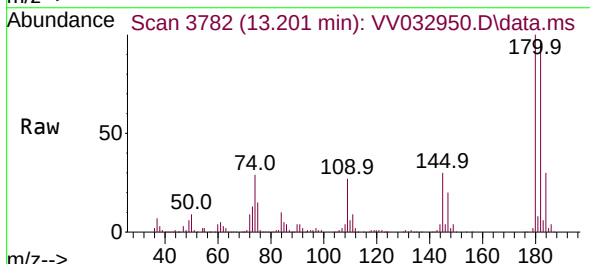
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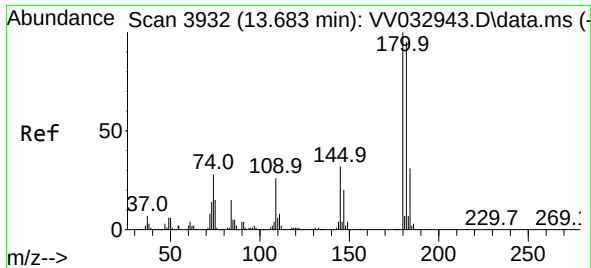
Tgt Ion:146 Resp: 13685
Ion Ratio Lower Upper
146 100
111 44.0 31.1 46.7
148 59.5 51.4 77.0



#70
1,2,4-trichlorobenzene
Concen: 40.152 ug/L
RT: 13.201 min Scan# 3782
Delta R.T. 0.000 min
Lab File: VV032950.D
Acq: 13 Nov 2023 22:49

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

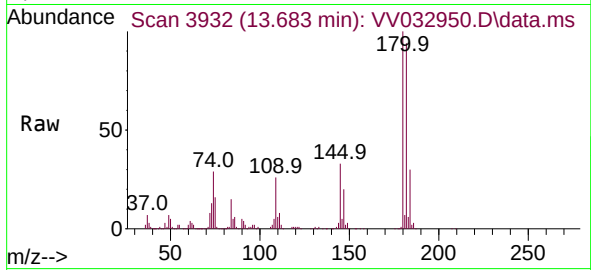
Lab File: VV032950.D

Acq: 13 Nov 2023 22:49

Instrument :

MSVOA_V

ClientSampleId :



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

