

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032124\
 Data File : VV034790.D
 Acq On : 21 Mar 2024 15:36
 Operator : SY/MD
 Sample : P1757-06 100X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0B81

Quant Time: Mar 22 02:03:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 22 01:59:49 2024
 Response via : Initial Calibration

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

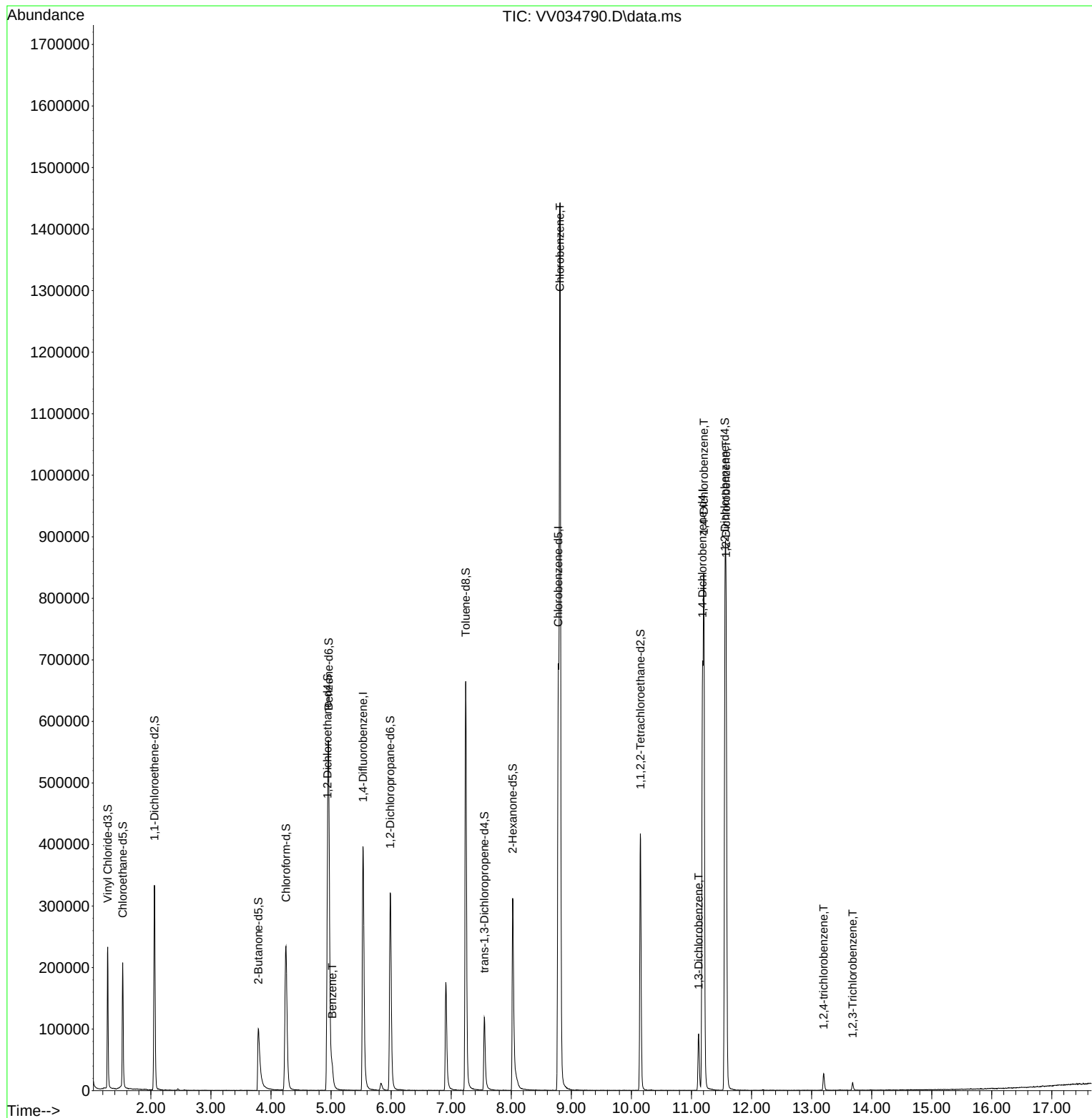
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	344869	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	323600	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	154311	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	148801	49.772	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.540%
7) Chloroethane-d5	1.532	69	120696	51.820	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.640%
11) 1,1-Dichloroethene-d2	2.059	65	56542	41.819	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.640%
21) 2-Butanone-d5	3.789	46	169073	84.566	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.570%
24) Chloroform-d	4.249	84	252818	47.828	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.660%
26) 1,2-Dichloroethane-d4	4.940	65	173206	50.142	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.280%
32) Benzene-d6	4.960	84	505856	51.796	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.600%
36) 1,2-Dichloropropane-d6	5.985	67	153089	51.364	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.720%
41) Toluene-d8	7.243	98	438357	49.599	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.200%
43) trans-1,3-Dichloroprop...	7.551	79	72951	48.741	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.480%
47) 2-Hexanone-d5	8.024	63	106544	71.586	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	71.590%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	191678	48.869	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.740%
66) 1,2-Dichlorobenzene-d4	11.557	152	167091	52.975	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.940%
Target Compounds						
					Qvalue	
33) Benzene	5.018	78	40835	4.065	ug/L	100
51) Chlorobenzene	8.812	112	735403	107.007	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	36977	7.328	ug/L	97
65) 1,4-Dichlorobenzene	11.207	146	304506	59.424	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	259341	51.290	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	9085	2.667	ug/L	95
72) 1,2,3-Trichlorobenzene	13.683	180	4049	1.219	ug/L	97

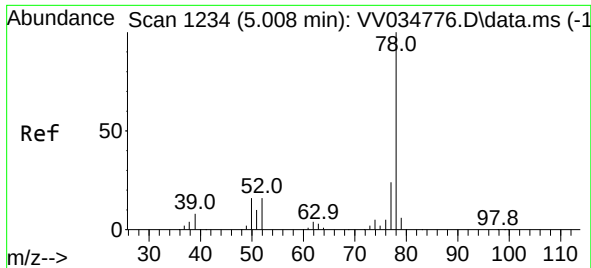
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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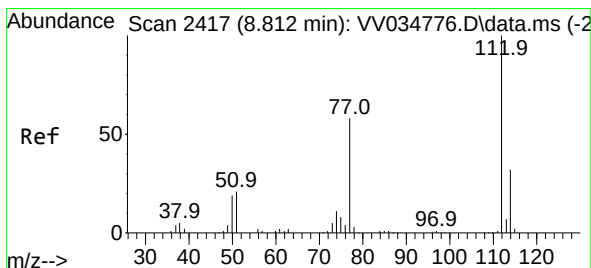
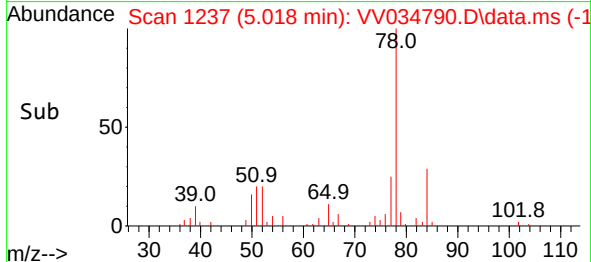
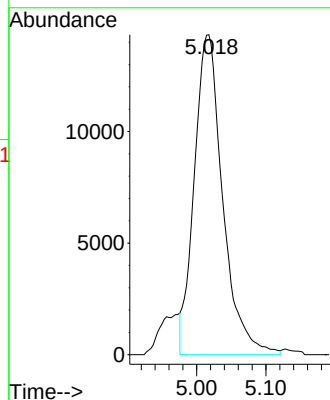
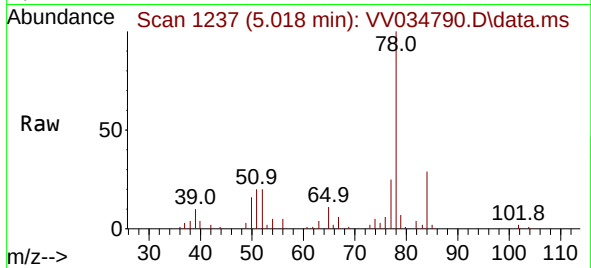




#33
Benzene
Concen: 4.065 ug/L
RT: 5.018 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV034790.D
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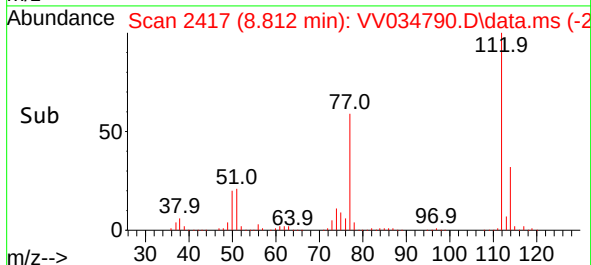
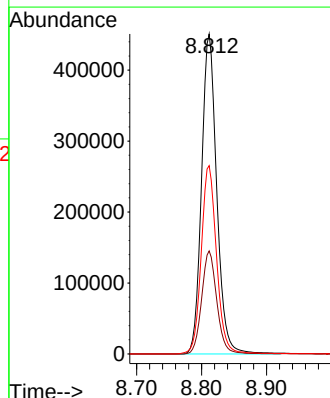
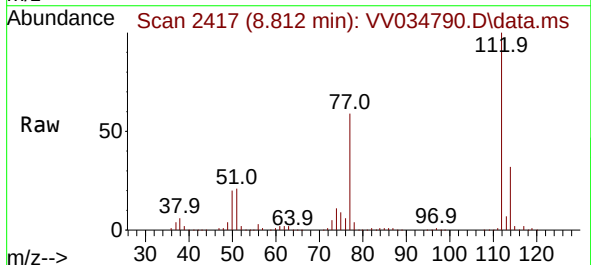
Instrument :
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C0B81

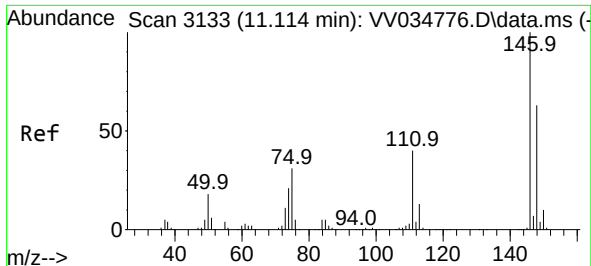
Tgt Ion: 78 Resp: 40835



#51
Chlorobenzene
Concen: 107.007 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.000 min
Lab File: VV034790.D
Acq: 21 Mar 2024 15:36

Tgt Ion: 112 Resp: 735403
Ion Ratio Lower Upper
112 100
114 32.2 22.3 41.5
77 58.8 47.7 71.5

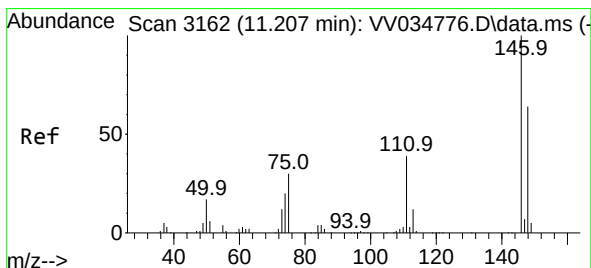
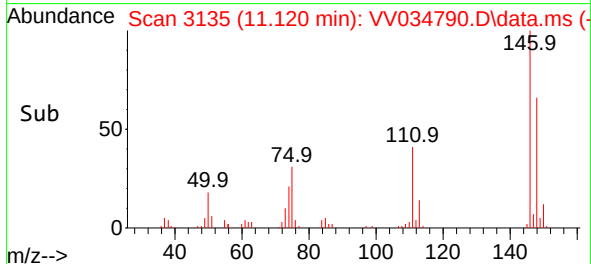
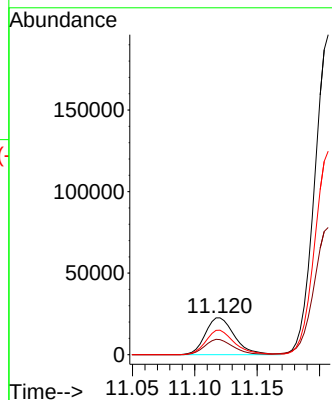
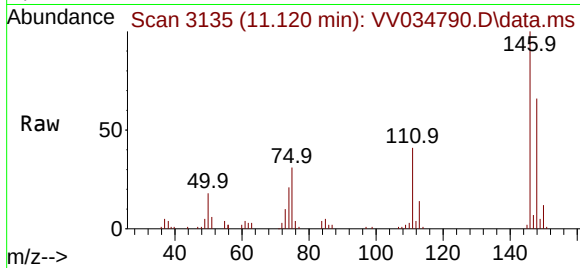




#64
1,3-Dichlorobenzene
Concen: 7.328 ug/L
RT: 11.120 min Scan# 3135
Delta R.T. 0.006 min
Lab File: VV034790.D
Acq: 21 Mar 2024 15:36

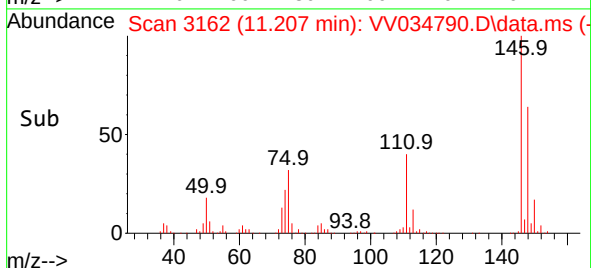
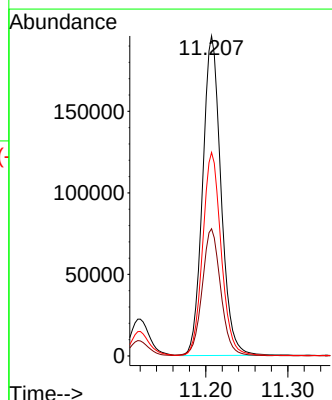
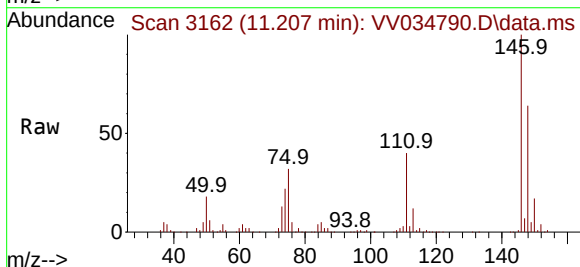
Instrument :
MSVOA_V
ClientSampleId :
C0B81

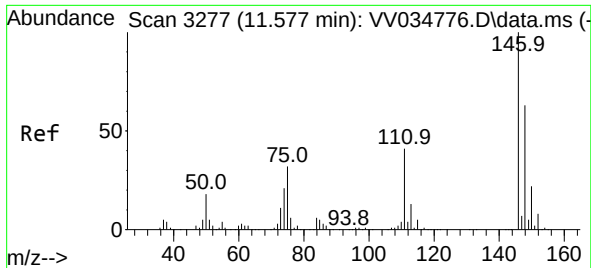
Tgt Ion:146 Resp: 36977
Ion Ratio Lower Upper
146 100
111 40.9 27.9 51.7
148 66.2 44.2 82.0



#65
1,4-Dichlorobenzene
Concen: 59.424 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. 0.000 min
Lab File: VV034790.D
Acq: 21 Mar 2024 15:36

Tgt Ion:146 Resp: 304506
Ion Ratio Lower Upper
146 100
111 39.7 26.5 49.1
148 63.6 44.0 81.8

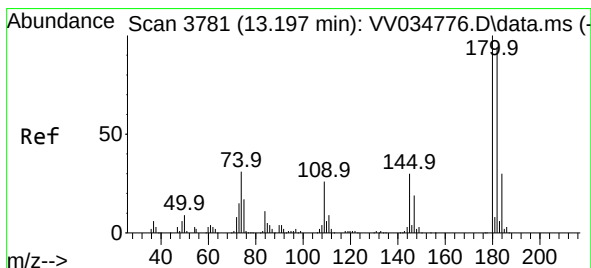
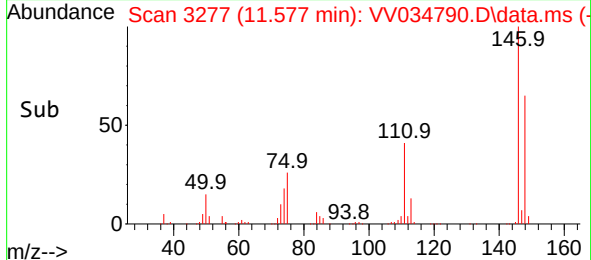
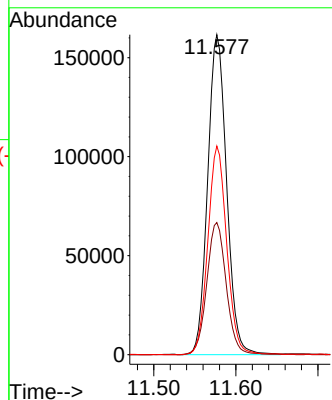
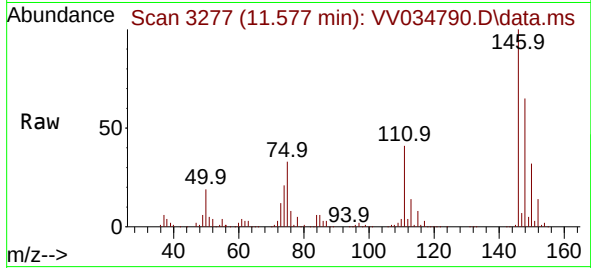




#67
 1,2-Dichlorobenzene
 Concen: 51.290 ug/L
 RT: 11.577 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV034790.D
 Acq: 21 Mar 2024 15:36

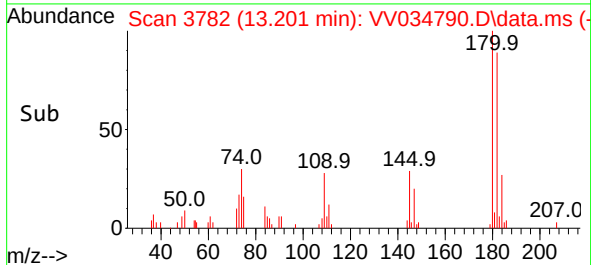
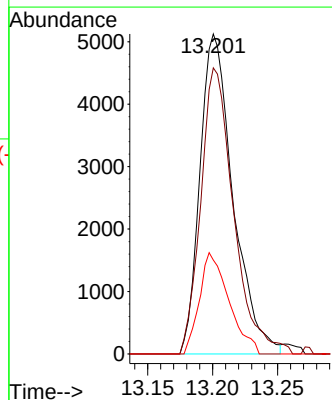
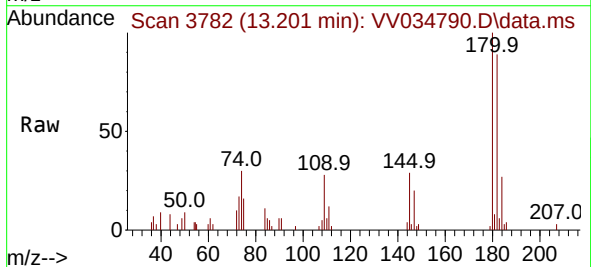
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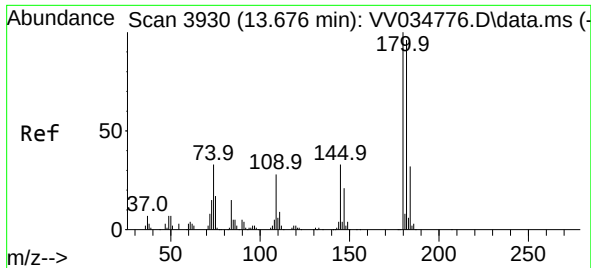
Tgt Ion:146 Resp: 259341
 Ion Ratio Lower Upper
 146 100
 111 41.3 33.8 50.8
 148 65.2 51.3 76.9



#70
 1,2,4-trichlorobenzene
 Concen: 2.667 ug/L
 RT: 13.201 min Scan# 3782
 Delta R.T. 0.003 min
 Lab File: VV034790.D
 Acq: 21 Mar 2024 15:36

Tgt Ion:180 Resp: 9085
 Ion Ratio Lower Upper
 180 100
 182 88.5 74.8 112.2
 145 28.2 24.2 36.4





#72

1,2,3-Trichlorobenzene

Concen: 1.219 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. 0.006 min

Lab File: VV034790.D

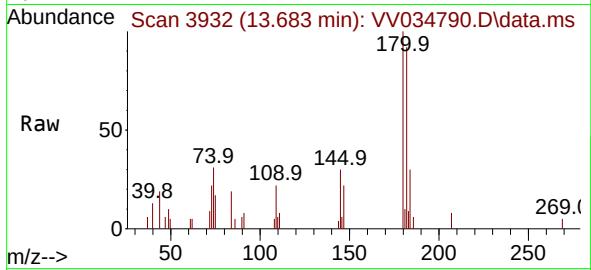
Acq: 21 Mar 2024 15:36

Instrument :

MSVOA_V

ClientSampleId :

C0B81



Tgt Ion:180 Resp: 4049

Ion Ratio Lower Upper

180 100

182 97.9 75.9 113.9

145 31.0 25.5 38.3

