

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040324\
 Data File : VV034949.D
 Acq On : 03 Apr 2024 11:55
 Operator : SY/MD
 Sample : P1925-02DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 PMW-4(20240326)DL

Quant Time: Apr 04 02:51:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 04 02:49:59 2024
 Response via : Initial Calibration

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

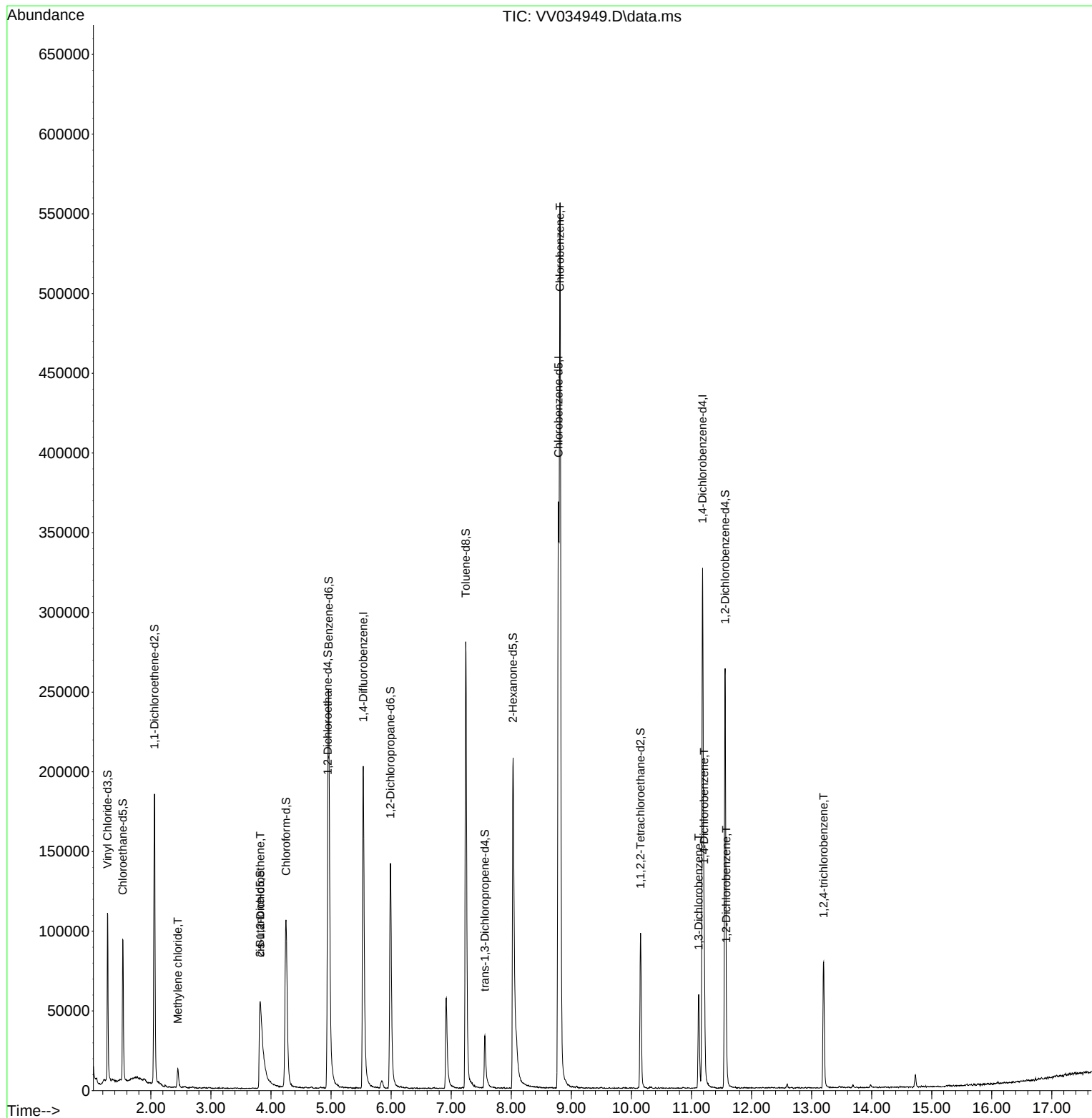
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	180429	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	182335	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	82896	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	67979	4.572	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.400%
7) Chloroethane-d5	1.532	69	58111	4.740	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.800%
11) 1,1-Dichloroethene-d2	2.060	65	31258	4.628	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.600%
20) 2-Butanone-d5	3.818	46	115172	49.502	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.000%
24) Chloroform-d	4.249	84	116478	4.841	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
26) 1,2-Dichloroethane-d4	4.944	65	54724	5.036	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.800%
32) Benzene-d6	4.960	84	238083	4.992	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
36) 1,2-Dichloropropane-d6	5.989	67	74095	5.293	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.800%
41) Toluene-d8	7.243	98	195452	4.511	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.200%
43) trans-1,3-Dichloroprop...	7.561	79	22112	4.446	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.000%
46) 2-Hexanone-d5	8.027	63	75532	44.254	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.500%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	48432	4.958	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.200%
66) 1,2-Dichlorobenzene-d4	11.561	152	69557	5.327	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.600%
Target Compounds						
					Qvalue	
16) Methylene chloride	2.449	84	4614	0.307	ug/L	87
22) cis-1,2-Dichloroethene	3.822	96	2823	0.199	ug/L	95
51) Chlorobenzene	8.812	112	295182	7.786	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	24878	0.941	ug/L	97
65) 1,4-Dichlorobenzene	11.210	146	37216	1.405	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	4021	0.165	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	25458	1.651	ug/L	99

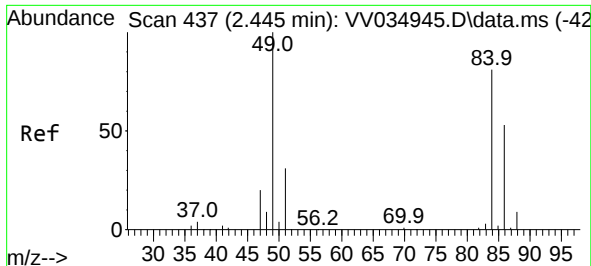
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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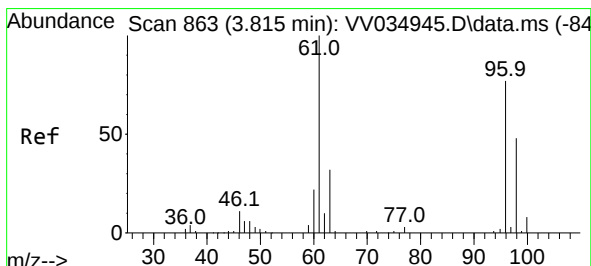
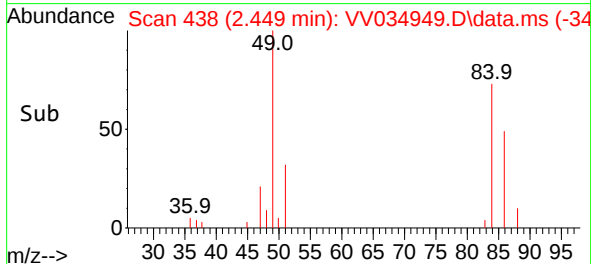
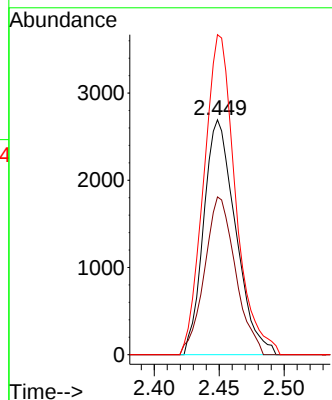
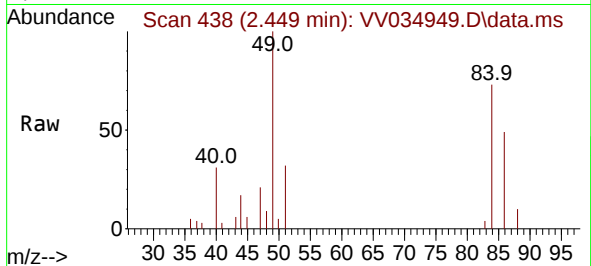




#16
Methylene chloride
Concen: 0.307 ug/L
RT: 2.449 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV034949.D
Acq: 03 Apr 2024 11:55

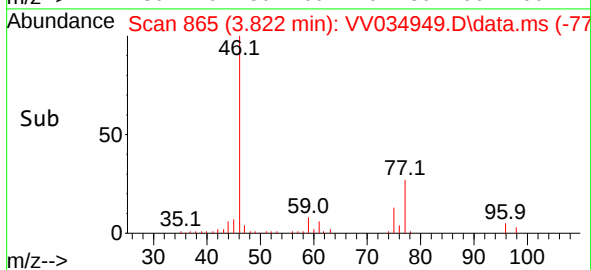
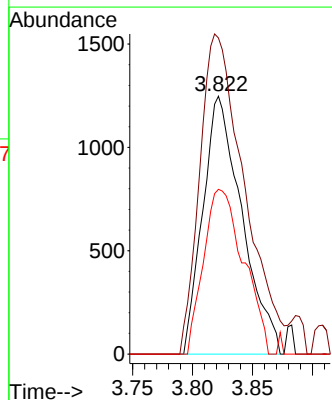
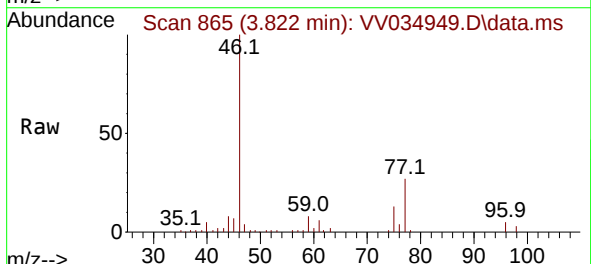
Instrument :
MSVOA_V
ClientSampleId :
PMW-4(20240326)DL

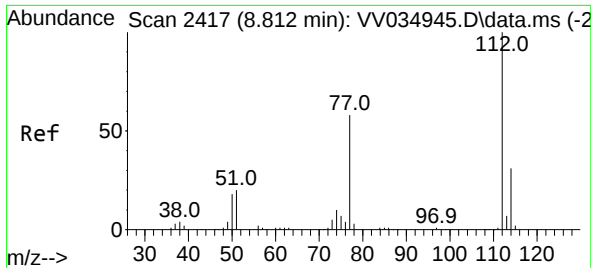
Tgt Ion: 84 Resp: 4614
Ion Ratio Lower Upper
84 100
86 67.2 43.5 80.9
49 136.3 82.5 153.3



#22
cis-1,2-Dichloroethene
Concen: 0.199 ug/L
RT: 3.822 min Scan# 865
Delta R.T. 0.006 min
Lab File: VV034949.D
Acq: 03 Apr 2024 11:55

Tgt Ion: 96 Resp: 2823
Ion Ratio Lower Upper
96 100
61 122.6 90.3 167.7
98 63.9 42.7 79.3

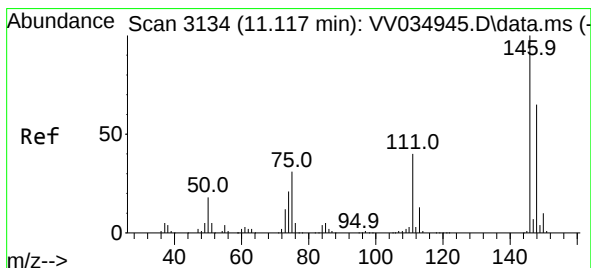
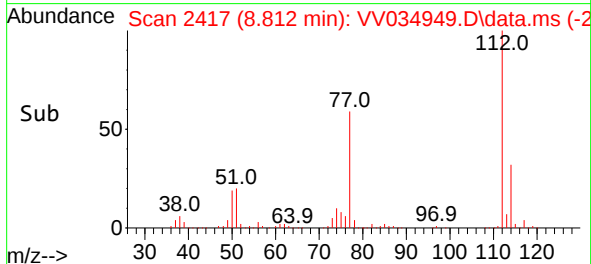
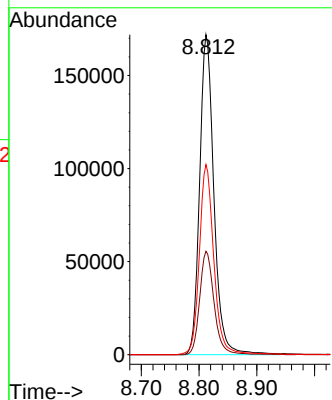
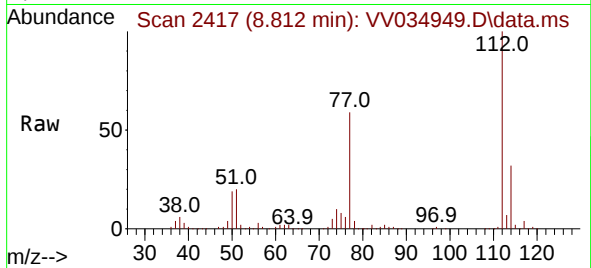




#51
Chlorobenzene
Concen: 7.786 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.000 min
Lab File: VV034949.D
Acq: 03 Apr 2024 11:55

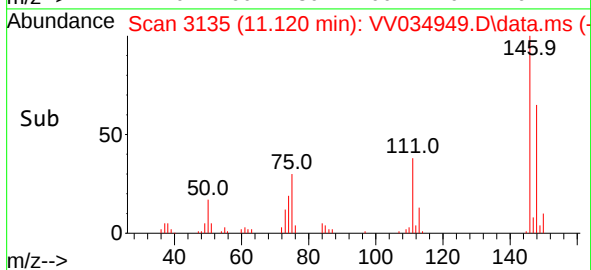
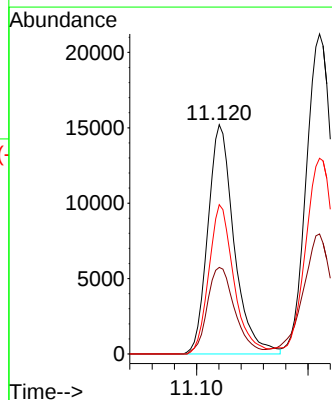
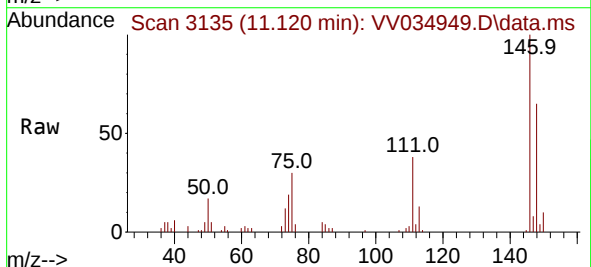
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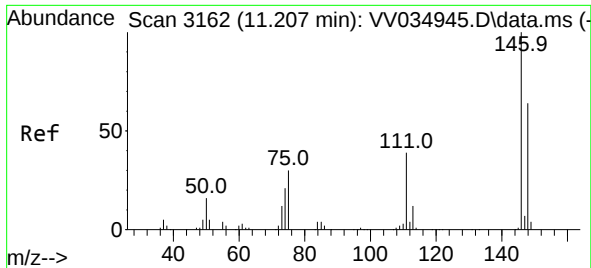
Tgt Ion:112 Resp: 295182
Ion Ratio Lower Upper
112 100
114 32.3 21.9 40.7
77 59.4 47.4 71.2



#64
1,3-Dichlorobenzene
Concen: 0.941 ug/L
RT: 11.120 min Scan# 3135
Delta R.T. 0.003 min
Lab File: VV034949.D
Acq: 03 Apr 2024 11:55

Tgt Ion:146 Resp: 24878
Ion Ratio Lower Upper
146 100
111 37.7 27.7 51.5
148 65.1 44.0 81.8

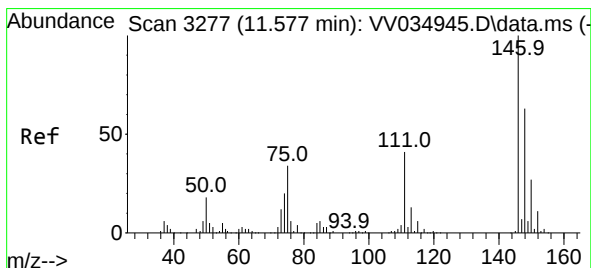
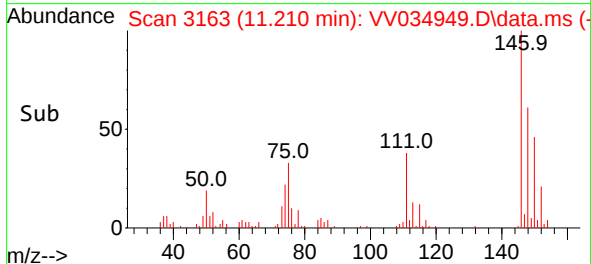
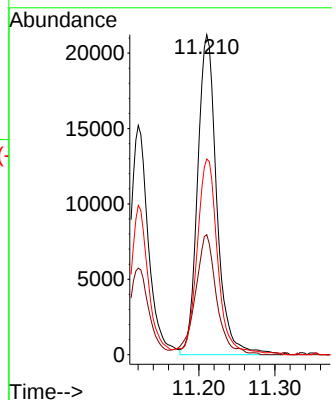
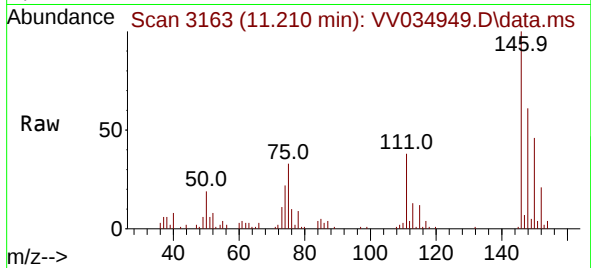




#65
1,4-Dichlorobenzene
Concen: 1.405 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. 0.003 min
Lab File: VV034949.D
Acq: 03 Apr 2024 11:55

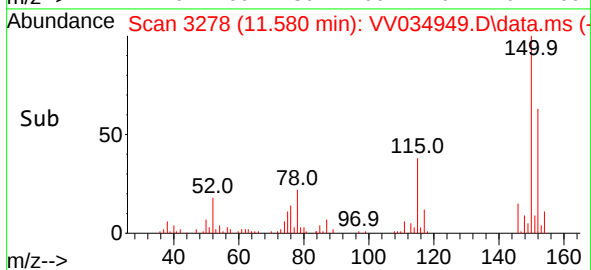
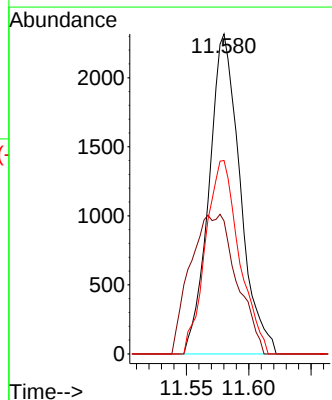
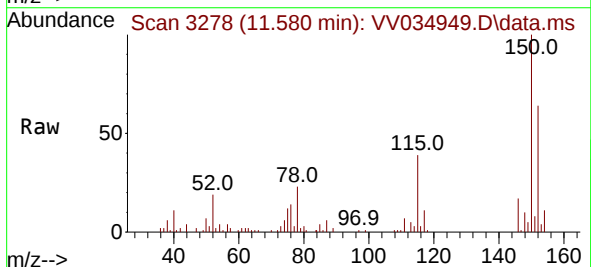
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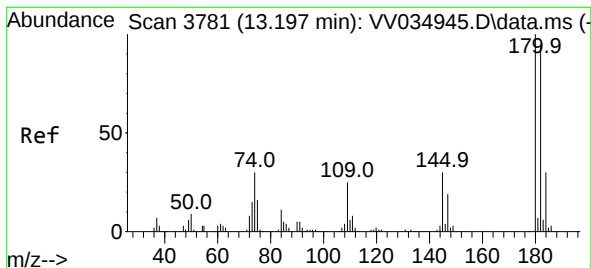
Tgt Ion:146 Resp: 37216
Ion Ratio Lower Upper
146 100
111 37.5 27.3 50.7
148 61.1 43.5 80.7



#67
1,2-Dichlorobenzene
Concen: 0.165 ug/L
RT: 11.580 min Scan# 3278
Delta R.T. 0.003 min
Lab File: VV034949.D
Acq: 03 Apr 2024 11:55

Tgt Ion:146 Resp: 4021
Ion Ratio Lower Upper
146 100
111 41.6 33.9 50.9
148 60.5 49.3 73.9





#70

1,2,4-trichlorobenzene

Concen: 1.651 ug/L

RT: 13.201 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV034949.D

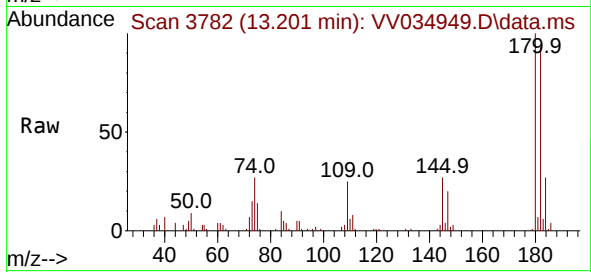
Acq: 03 Apr 2024 11:55

Instrument :

MSVOA_V

ClientSampleId :

PMW-4(20240326)DL



Tgt Ion:180 Resp: 25458

Ion Ratio Lower Upper

180 100

182 94.4 75.3 112.9

145 28.4 23.4 35.0

