

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040324\
 Data File : VV034952.D
 Acq On : 03 Apr 2024 13:06
 Operator : SY/MD
 Sample : P1925-08DL 200X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 PMW-9D(20240327)DL

Quant Time: Apr 04 02:52:42 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)

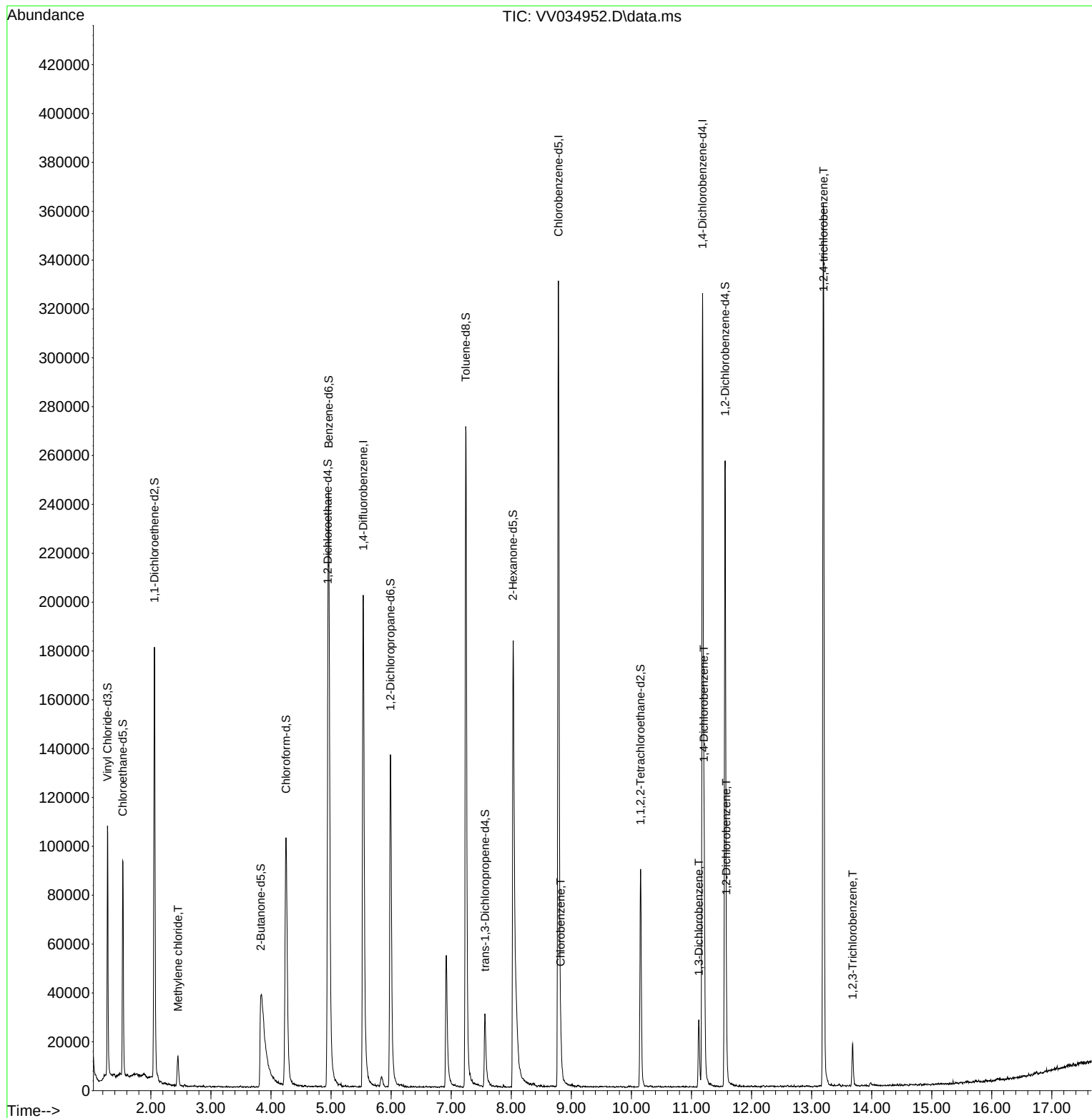
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	182761	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	181900	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	83045	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	64816	4.303	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.000%
7) Chloroethane-d5	1.532	69	57497	4.630	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.600%
11) 1,1-Dichloroethene-d2	2.060	65	31022	4.535	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.600%
20) 2-Butanone-d5	3.831	46	106430	45.161	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.320%
24) Chloroform-d	4.249	84	113794	4.669	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
26) 1,2-Dichloroethane-d4	4.947	65	55912	5.080	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.600%
32) Benzene-d6	4.960	84	230276	4.839	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
36) 1,2-Dichloropropane-d6	5.989	67	72029	5.158	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.200%
41) Toluene-d8	7.243	98	189831	4.392	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.800%
43) trans-1,3-Dichloroprop...	7.564	79	20925	4.218	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.400%
46) 2-Hexanone-d5	8.030	63	67762	39.797	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.600%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	46134	4.735	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.600%
66) 1,2-Dichlorobenzene-d4	11.561	152	66655	5.096	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.000%
Target Compounds						
					Qvalue	
16) Methylene chloride	2.452	84	5085	0.334	ug/L	99
51) Chlorobenzene	8.821	112	10639	0.281	ug/L	88
64) 1,3-Dichlorobenzene	11.123	146	11172	0.422	ug/L	96
65) 1,4-Dichlorobenzene	11.210	146	39452	1.487	ug/L	97
67) 1,2-Dichlorobenzene	11.580	146	3883	0.159	ug/L #	86
70) 1,2,4-trichlorobenzene	13.197	180	110174	7.131	ug/L	98
72) 1,2,3-Trichlorobenzene	13.683	180	5452	0.401	ug/L	97

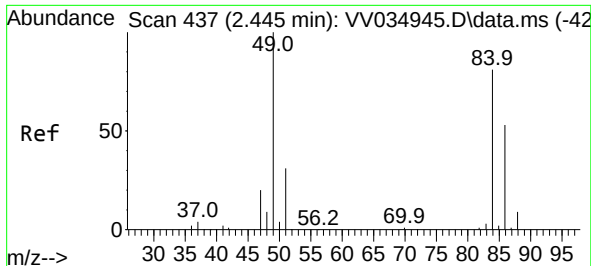
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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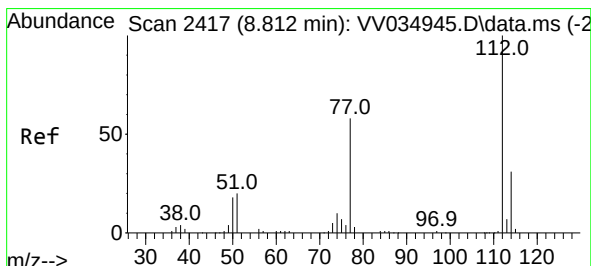
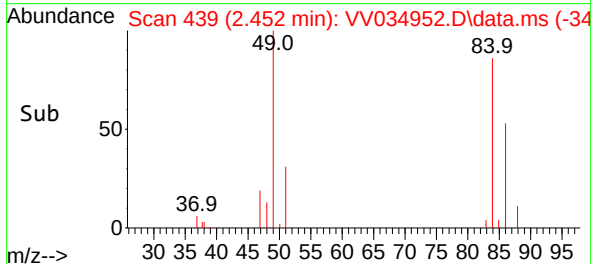
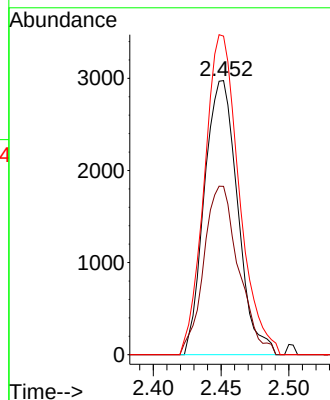
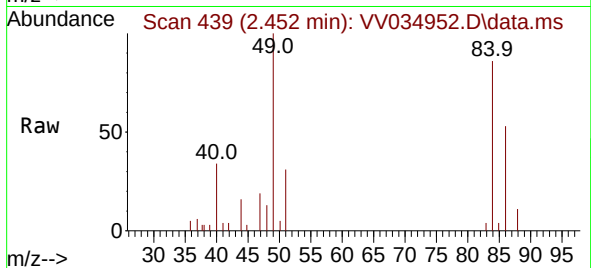




#16
Methylene chloride
Concen: 0.334 ug/L
RT: 2.452 min Scan# 41
Delta R.T. 0.006 min
Lab File: VV034952.D
Acq: 03 Apr 2024 13:06

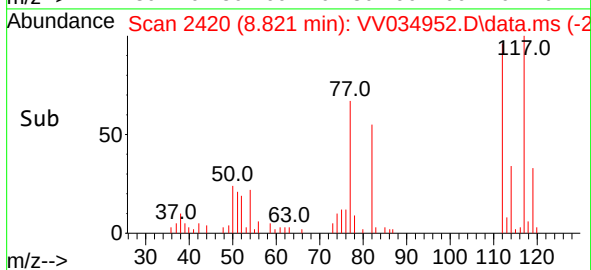
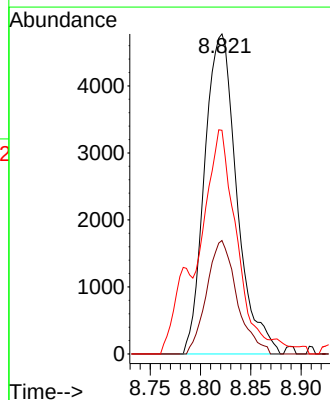
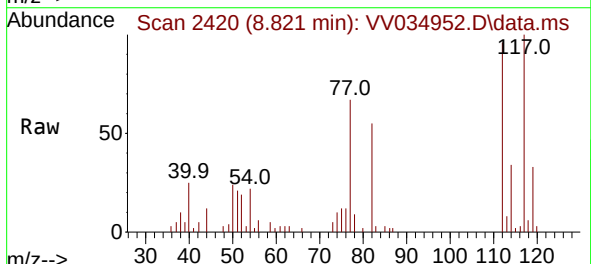
Instrument :
MSVOA_V
ClientSampleId :
PMW-9D(20240327)DL

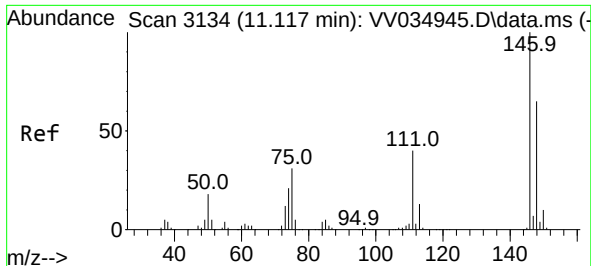
Tgt Ion: 84 Resp: 5085
Ion Ratio Lower Upper
84 100
86 61.4 43.5 80.9
49 116.2 82.5 153.3



#51
Chlorobenzene
Concen: 0.281 ug/L
RT: 8.821 min Scan# 2420
Delta R.T. 0.010 min
Lab File: VV034952.D
Acq: 03 Apr 2024 13:06

Tgt Ion: 112 Resp: 10639
Ion Ratio Lower Upper
112 100
114 35.5 21.9 40.7
77 69.9 47.4 71.2

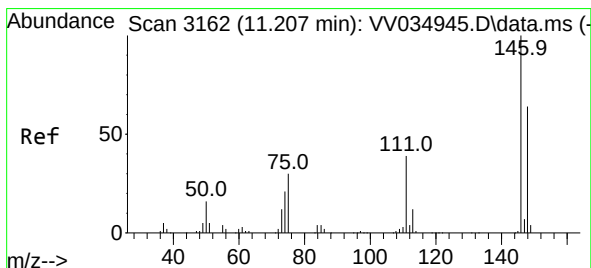
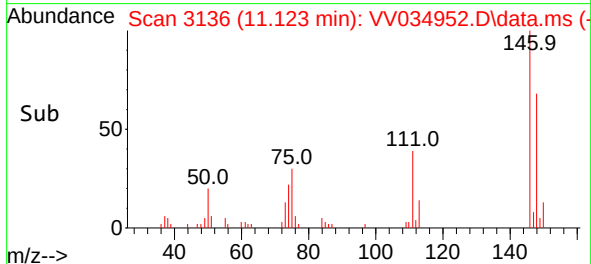
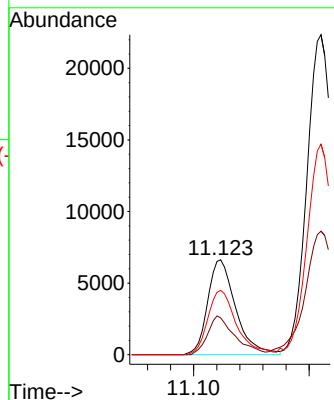
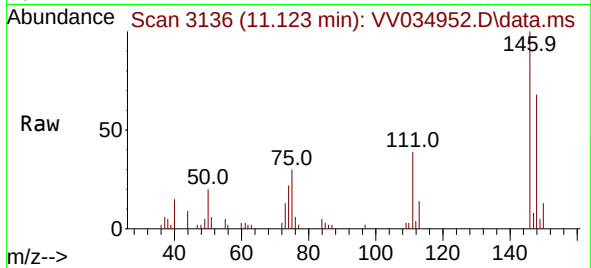




#64
1,3-Dichlorobenzene
Concen: 0.422 ug/L
RT: 11.123 min Scan# 3135
Delta R.T. 0.006 min
Lab File: VV034952.D
Acq: 03 Apr 2024 13:06

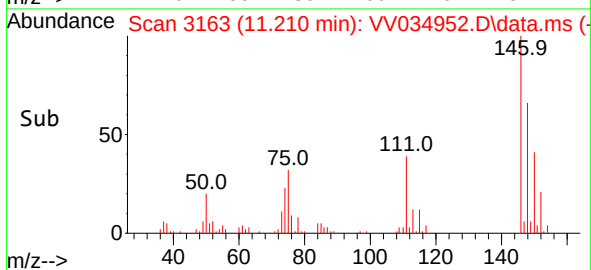
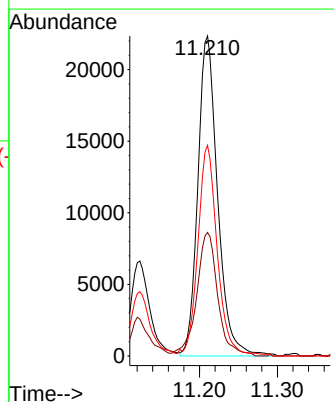
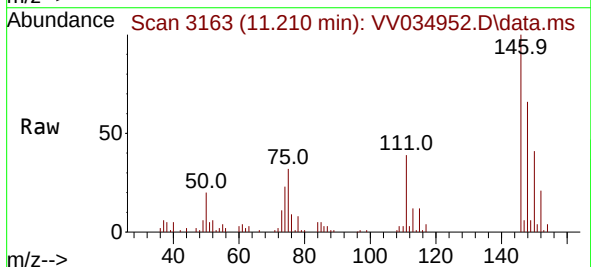
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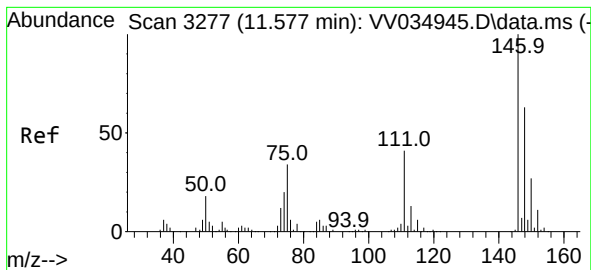
Tgt Ion:146 Resp: 11172
Ion Ratio Lower Upper
146 100
111 38.7 27.7 51.5
148 67.8 44.0 81.8



#65
1,4-Dichlorobenzene
Concen: 1.487 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. 0.003 min
Lab File: VV034952.D
Acq: 03 Apr 2024 13:06

Tgt Ion:146 Resp: 39452
Ion Ratio Lower Upper
146 100
111 38.6 27.3 50.7
148 65.8 43.5 80.7





#67

1,2-Dichlorobenzene

Concen: 0.159 ug/L

RT: 11.580 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV034952.D

Acq: 03 Apr 2024 13:06

Instrument :

MSVOA_V

ClientSampleId :

PMW-9D(20240327)DL

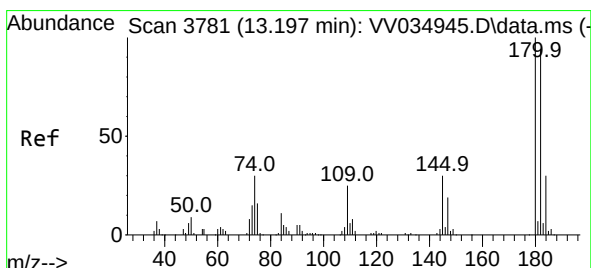
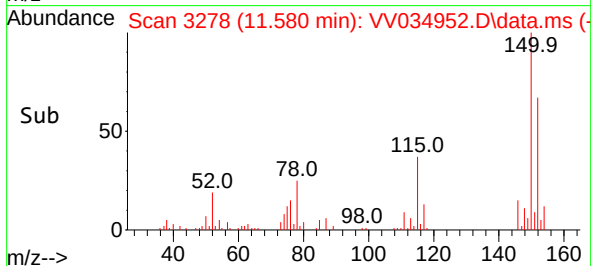
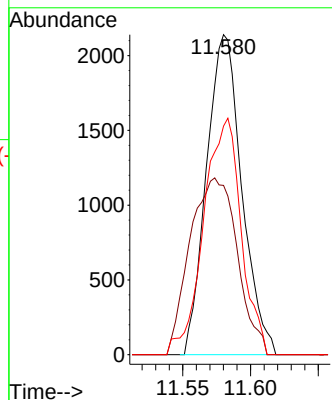
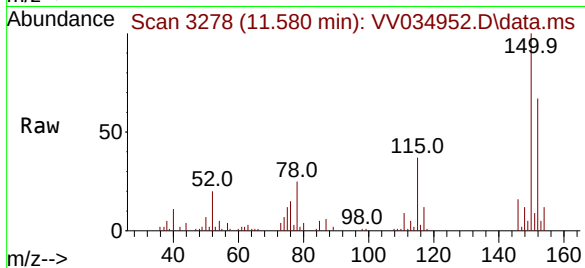
Tgt Ion:146 Resp: 3883

Ion Ratio Lower Upper

146 100

111 52.9 33.9 50.9#

148 71.4 49.3 73.9



#70

1,2,4-trichlorobenzene

Concen: 7.131 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. -0.000 min

Lab File: VV034952.D

Acq: 03 Apr 2024 13:06

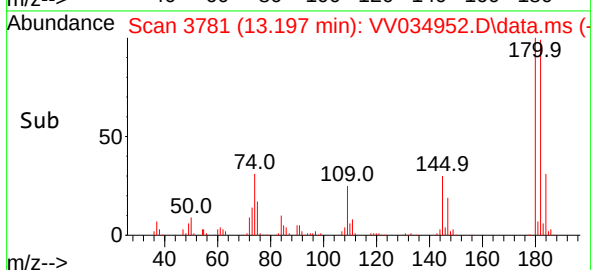
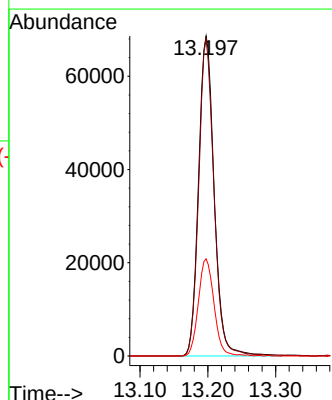
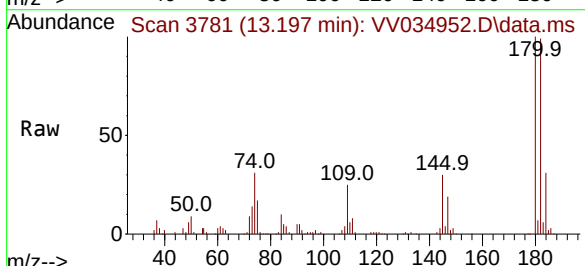
Tgt Ion:180 Resp: 110174

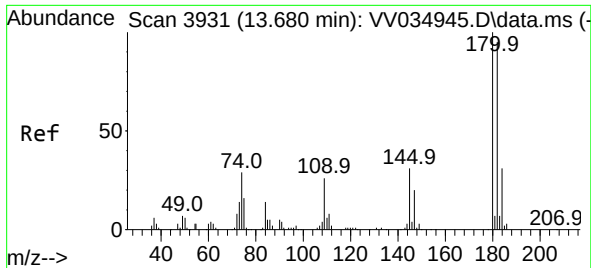
Ion Ratio Lower Upper

180 100

182 96.3 75.3 112.9

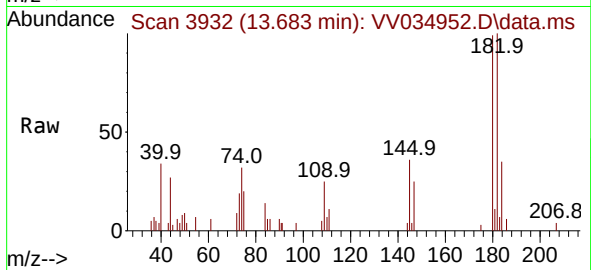
145 30.3 23.4 35.0





#72
 1,2,3-Trichlorobenzene
 Concen: 0.401 ug/L
 RT: 13.683 min Scan# 3932
 Delta R.T. 0.003 min
 Lab File: VV034952.D
 Acq: 03 Apr 2024 13:06

Instrument :
 MSVOA_V
 ClientSampleId :
 PMW-9D(20240327)DL



Tgt Ion:	180	Resp:	5452
Ion Ratio	Lower	Upper	
180	100		
182	94.1	77.0	115.4
145	29.7	25.4	38.2

