

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042324\
 Data File : VV035358.D
 Acq On : 23 Apr 2024 14:01
 Operator : SY/MD
 Sample : P2158-04DL 50X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MCORD0DL

Quant Time: Apr 23 23:29:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 23 23:26:51 2024
 Response via : Initial Calibration

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

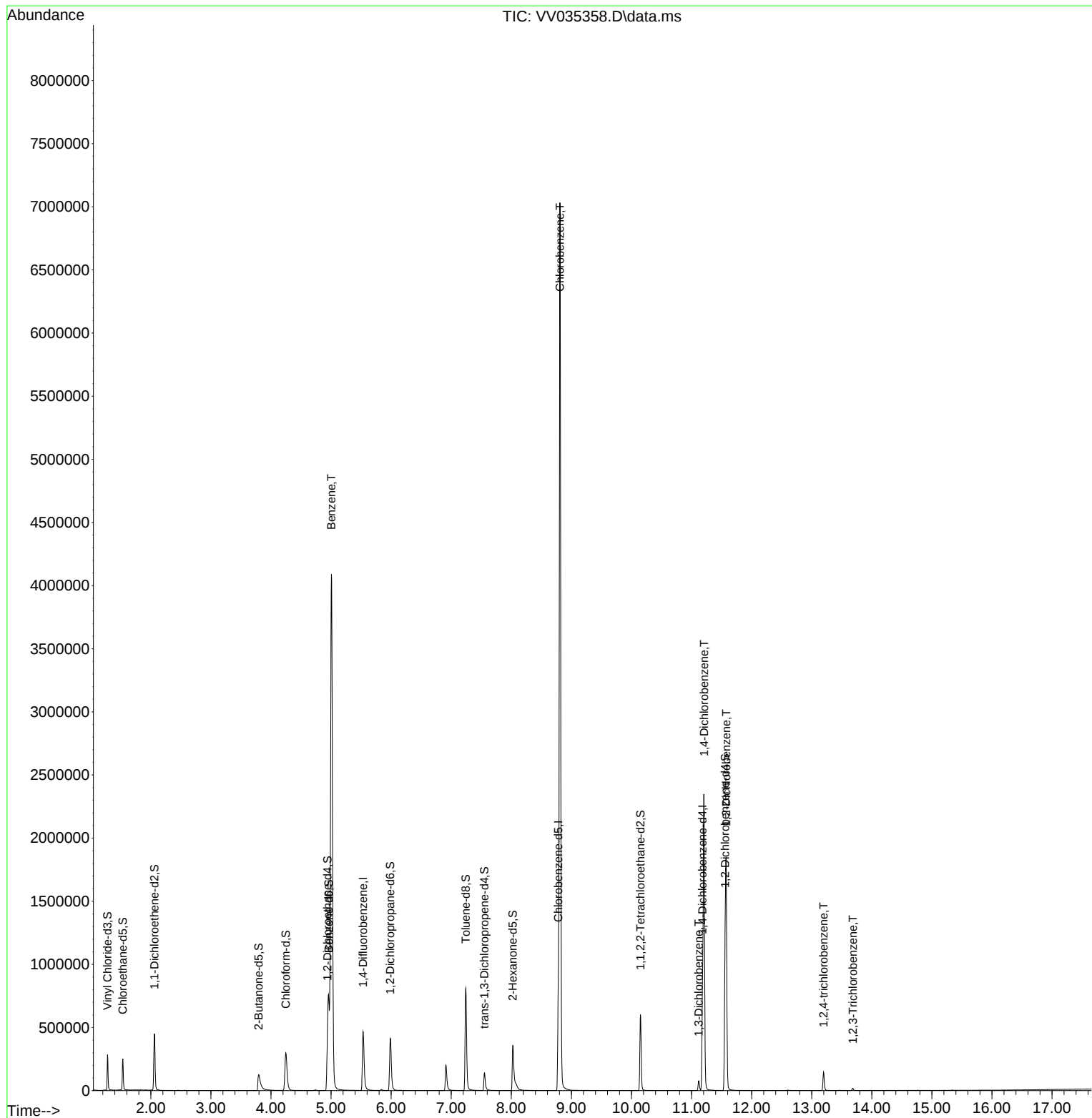
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	421619	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	420403	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	202283	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	185933	45.664	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.320%
7) Chloroethane-d5	1.532	69	156849	44.350	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.700%
11) 1,1-Dichloroethene-d2	2.060	65	76567	42.898	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.800%
21) 2-Butanone-d5	3.793	46	210171	87.031	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.030%
24) Chloroform-d	4.246	84	328121	47.929	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.860%
26) 1,2-Dichloroethane-d4	4.941	65	210159	48.351	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.700%
32) Benzene-d6	4.960	84	665831	47.150	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.300%
36) 1,2-Dichloropropane-d6	5.986	67	212538	47.396	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.800%
41) Toluene-d8	7.243	98	564909	44.419	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.840%
43) trans-1,3-Dichloroprop...	7.551	79	88938	40.797	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.600%
47) 2-Hexanone-d5	8.024	63	122903	72.491	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	72.490%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	294063	47.620	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.240%
66) 1,2-Dichlorobenzene-d4	11.558	152	238386	52.488	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.980%
Target Compounds						
					Qvalue	
33) Benzene	5.005	78	4262782	310.953	ug/L	100
51) Chlorobenzene	8.809	112	3692569	396.969	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	32232	4.730	ug/L	97
65) 1,4-Dichlorobenzene	11.207	146	915198	132.059	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	654765	96.447	ug/L	98
70) 1,2,4-trichlorobenzene	13.197	180	47787	10.592	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	5957	1.340	ug/L	99

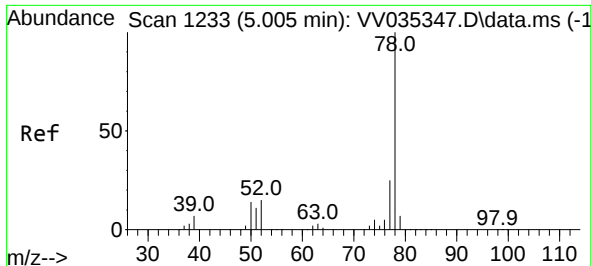
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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MCO0D0DL

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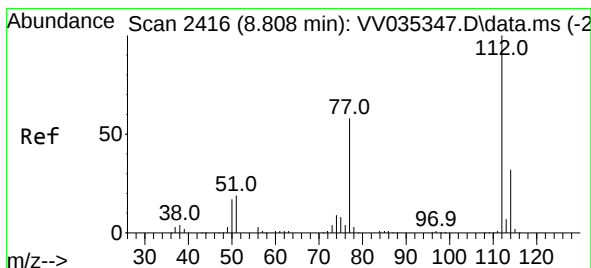
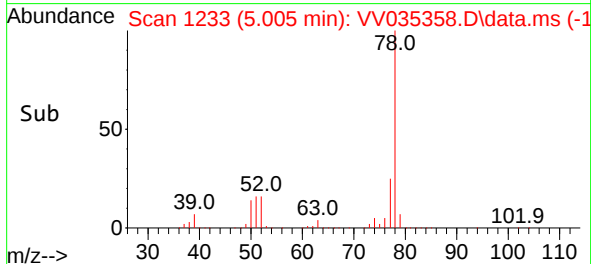
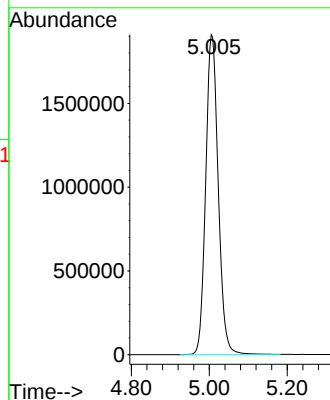
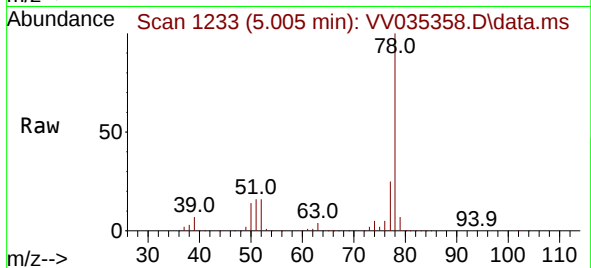




#33
Benzene
Concen: 310.953 ug/L
RT: 5.005 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV035358.D
Acq: 23 Apr 2024 14:01

Instrument :
MSVOA_V
ClientSampleId :
MC0RD0DL

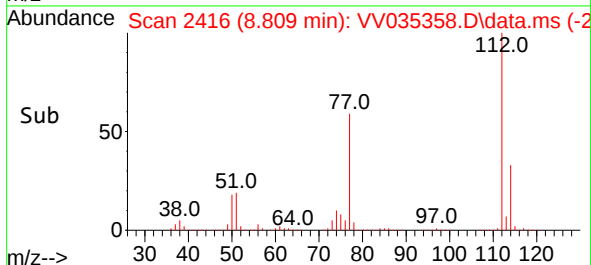
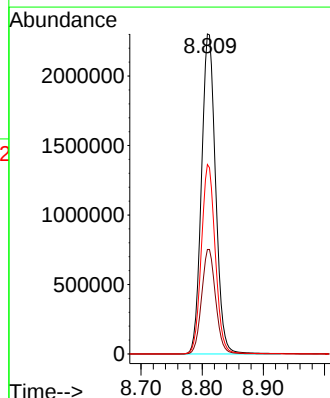
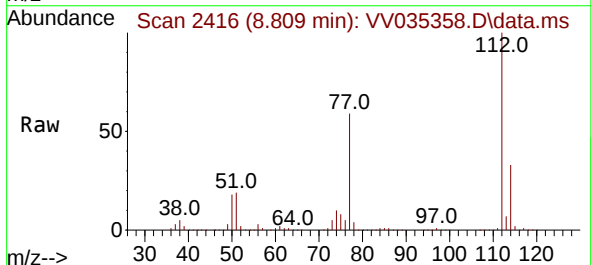
Tgt Ion: 78 Resp: 4262782

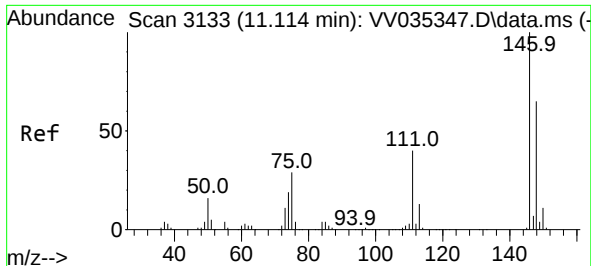


#51
Chlorobenzene
Concen: 396.969 ug/L
RT: 8.809 min Scan# 2416
Delta R.T. 0.000 min
Lab File: VV035358.D
Acq: 23 Apr 2024 14:01

Tgt Ion:112 Resp: 3692569

Ion	Ratio	Lower	Upper
112	100		
114	32.7	22.0	41.0
77	59.2	47.4	71.2

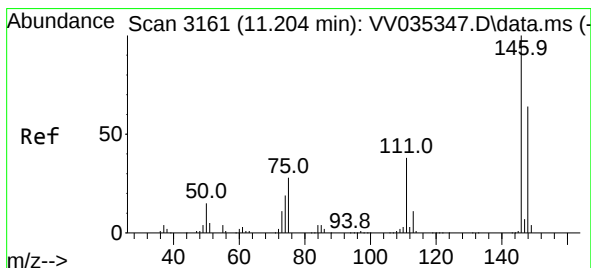
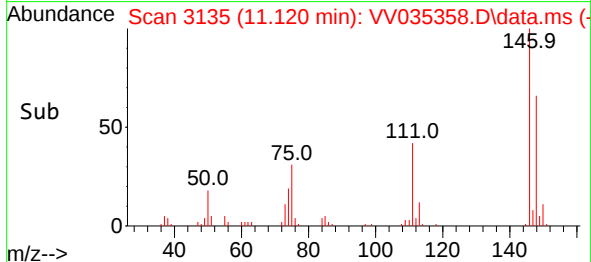
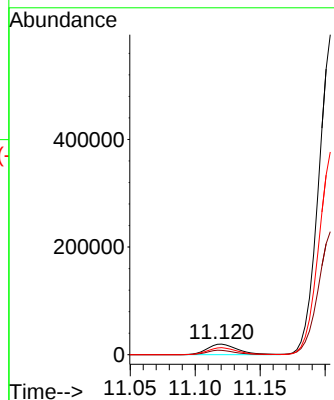
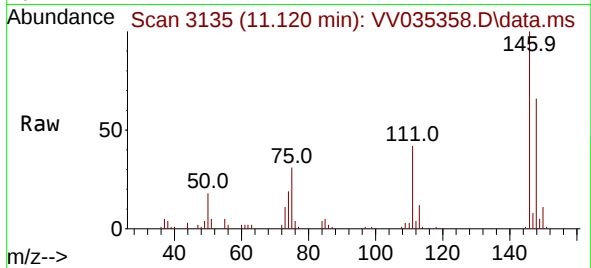




#64
1,3-Dichlorobenzene
Concen: 4.730 ug/L
RT: 11.120 min Scan# 3133
Delta R.T. 0.007 min
Lab File: VV035358.D
Acq: 23 Apr 2024 14:01

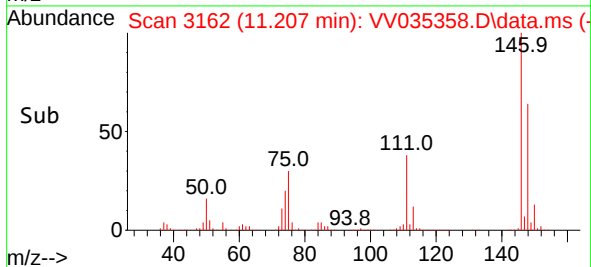
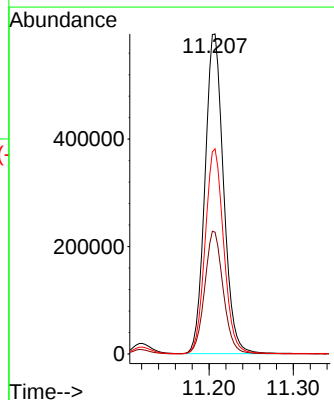
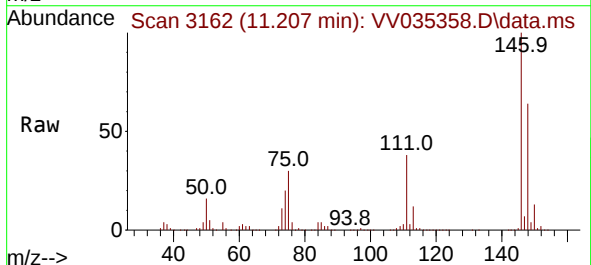
Instrument :
MSVOA_V
ClientSampleId :
MCO00DL

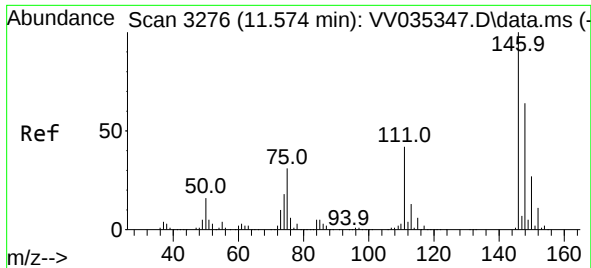
Tgt Ion:146 Resp: 32232
Ion Ratio Lower Upper
146 100
111 41.7 28.7 53.3
148 66.1 44.0 81.8



#65
1,4-Dichlorobenzene
Concen: 132.059 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. 0.003 min
Lab File: VV035358.D
Acq: 23 Apr 2024 14:01

Tgt Ion:146 Resp: 915198
Ion Ratio Lower Upper
146 100
111 38.0 27.4 50.8
148 64.1 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 96.447 ug/L

RT: 11.577 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV035358.D

Acq: 23 Apr 2024 14:01

Instrument :

MSVOA_V

ClientSampleId :

MCORD0DL

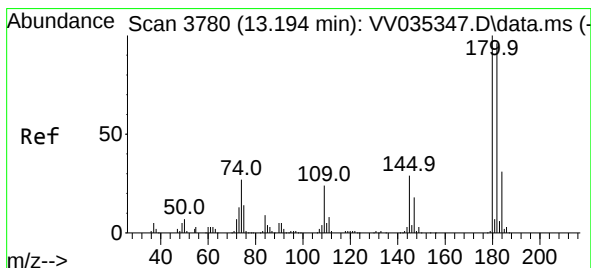
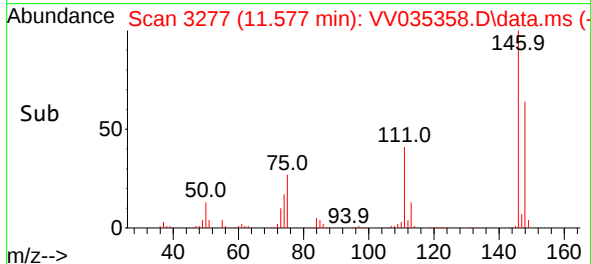
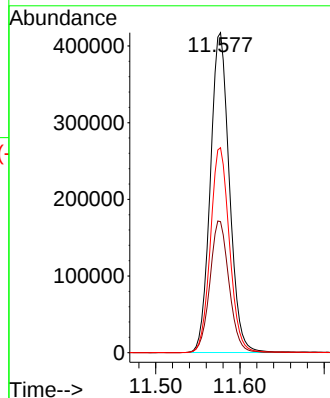
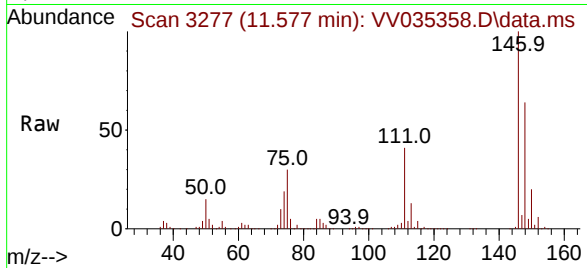
Tgt Ion:146 Resp: 654765

Ion Ratio Lower Upper

146 100

111 40.9 34.6 52.0

148 64.1 51.5 77.3



#70

1,2,4-trichlorobenzene

Concen: 10.592 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.003 min

Lab File: VV035358.D

Acq: 23 Apr 2024 14:01

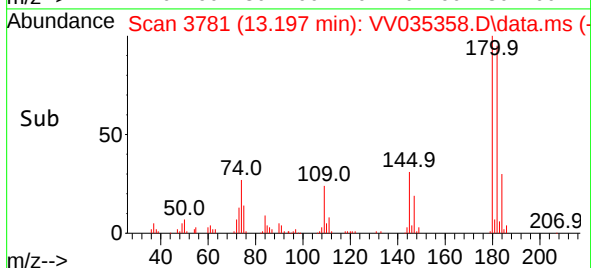
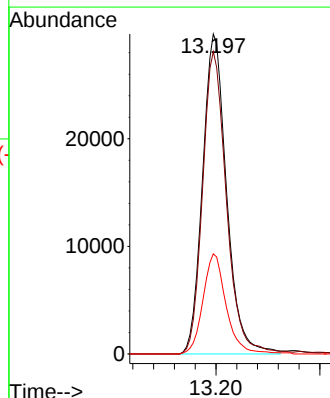
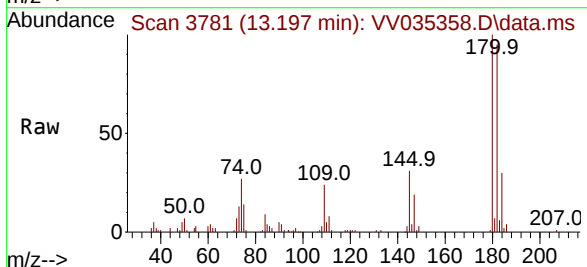
Tgt Ion:180 Resp: 47787

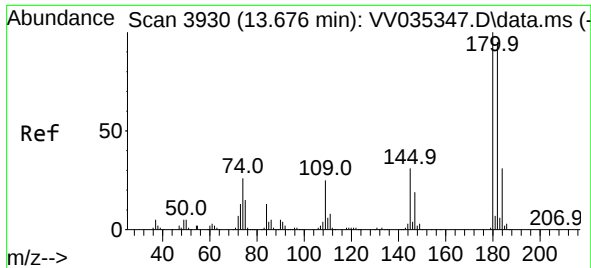
Ion Ratio Lower Upper

180 100

182 93.8 75.6 113.4

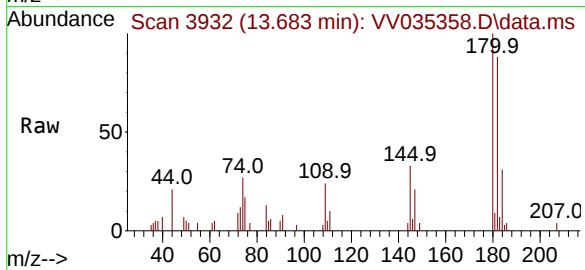
145 30.2 24.1 36.1





#72
 1,2,3-Trichlorobenzene
 Concen: 1.340 ug/L
 RT: 13.683 min Scan# 3932
 Delta R.T. 0.007 min
 Lab File: VV035358.D
 Acq: 23 Apr 2024 14:01

Instrument :
 MSVOA_V
 ClientSampleId :
 MC0RD0DL



Tgt Ion:	180	Resp:	5957
Ion Ratio	Lower	Upper	
180	100		
182	96.6	76.2	114.2
145	31.4	25.8	38.6

