

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042324\
 Data File : VW035360.D
 Acq On : 23 Apr 2024 14:47
 Operator : SY/MD
 Sample : P2182-11 20X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MCORE4

Quant Time: Apr 23 23:29:38 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)

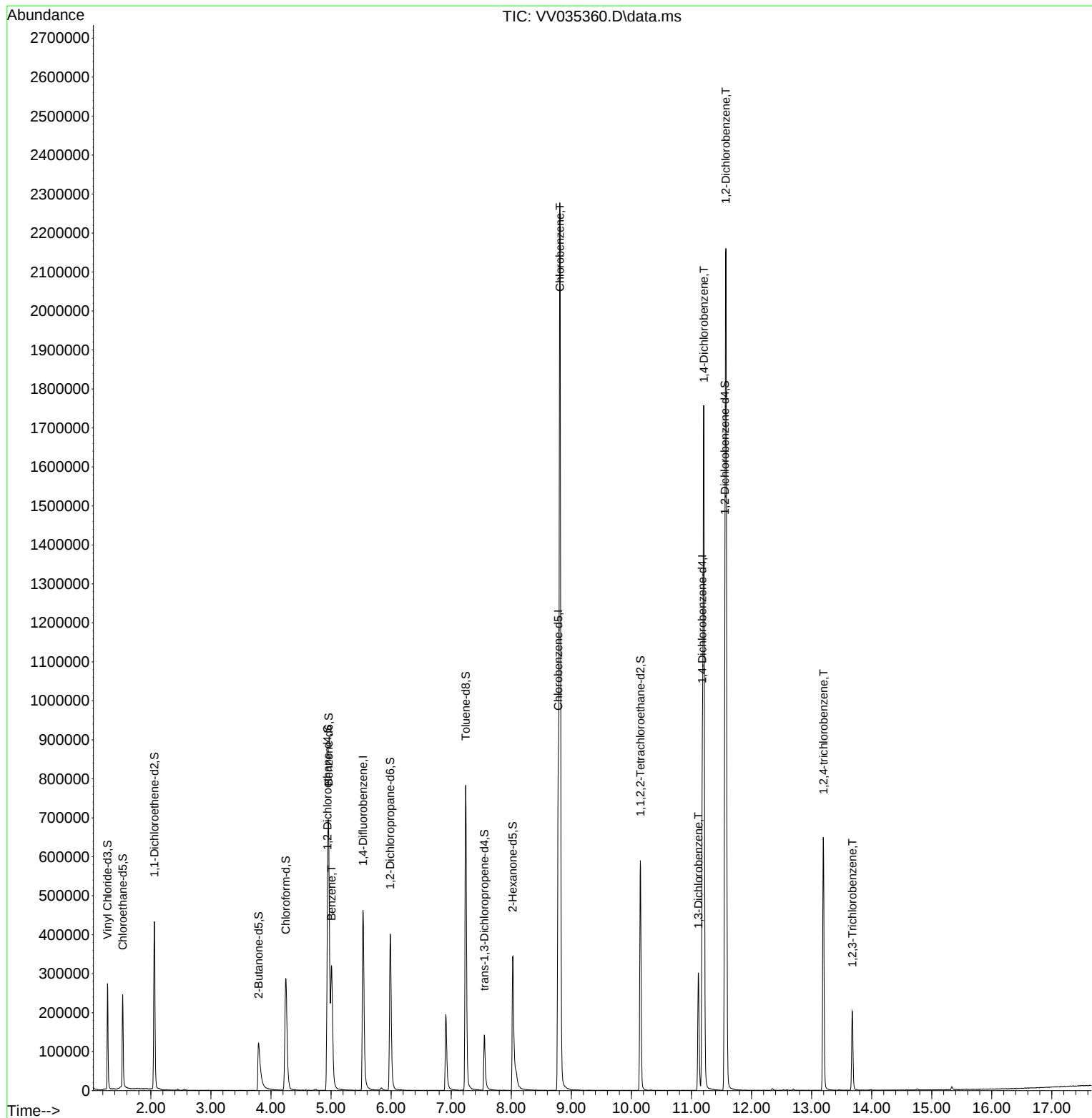
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	418719	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	423721	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	215071	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	180164	44.553	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.100%
7) Chloroethane-d5	1.532	69	149537	42.575	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.160%
11) 1,1-Dichloroethene-d2	2.060	65	75084	42.358	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.720%
21) 2-Butanone-d5	3.793	46	203743	84.953	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.950%
24) Chloroform-d	4.246	84	317331	46.674	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.340%
26) 1,2-Dichloroethane-d4	4.941	65	199235	46.156	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.320%
32) Benzene-d6	4.960	84	640302	44.987	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.980%
36) 1,2-Dichloropropane-d6	5.986	67	208417	46.113	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.220%
41) Toluene-d8	7.243	98	549368	42.859	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.720%
43) trans-1,3-Dichloroprop...	7.551	79	91157	41.487	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.980%
47) 2-Hexanone-d5	8.024	63	120328	70.416	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	70.420%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	285026	45.795	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.600%
66) 1,2-Dichlorobenzene-d4	11.558	152	236552	48.988	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.980%
Target Compounds						
					Qvalue	
33) Benzene	5.008	78	346775	25.098	ug/L	100
51) Chlorobenzene	8.809	112	1219970	130.126	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	127912	17.653	ug/L	96
65) 1,4-Dichlorobenzene	11.207	146	681316	92.465	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	795337	110.188	ug/L	99
70) 1,2,4-trichlorobenzene	13.198	180	206706	43.093	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	65614	13.877	ug/L	99

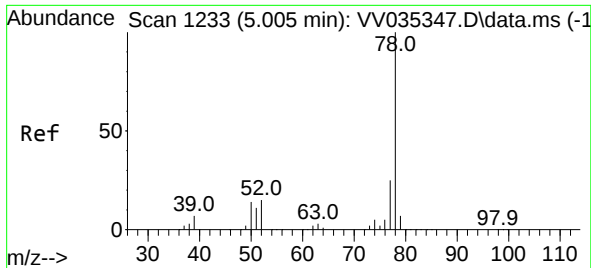
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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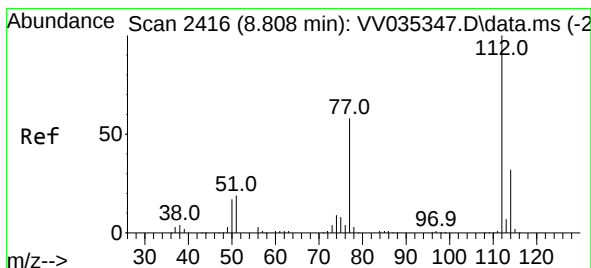
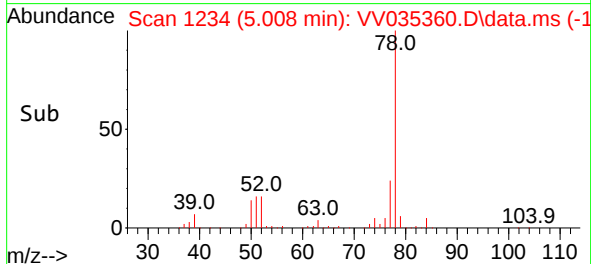
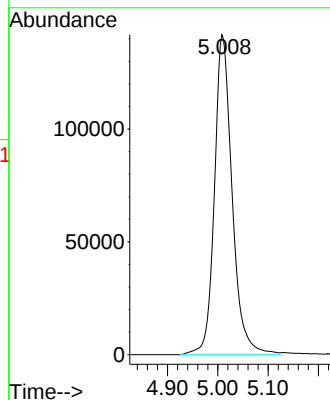
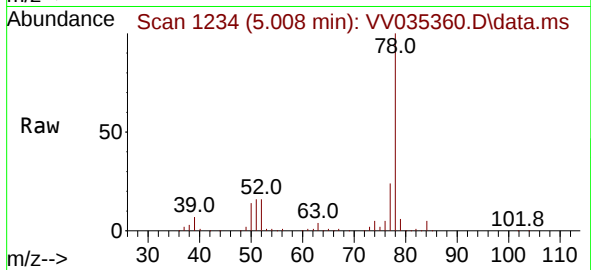




#33
Benzene
Concen: 25.098 ug/L
RT: 5.008 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV035360.D
Acq: 23 Apr 2024 14:47

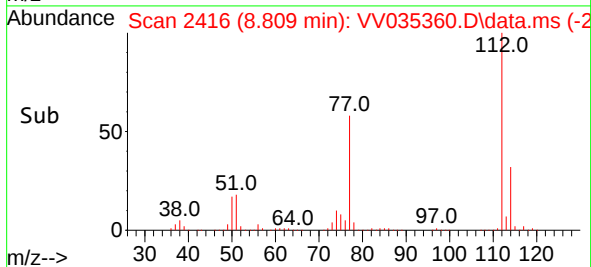
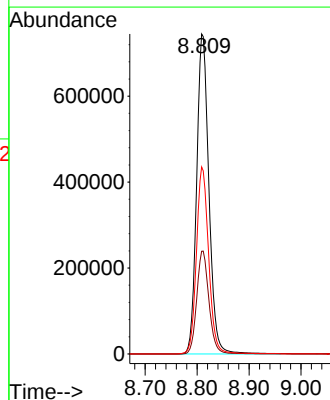
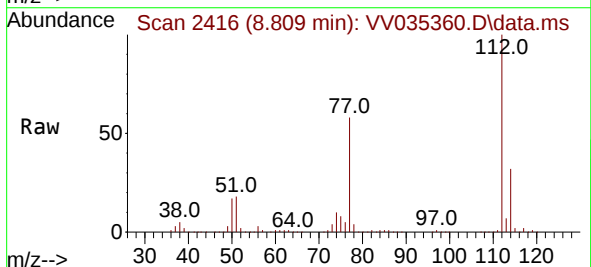
Instrument :
MSVOA_V
ClientSampleId :
MCORE4

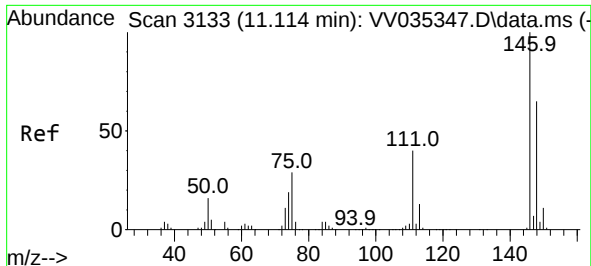
Tgt Ion: 78 Resp: 346775



#51
Chlorobenzene
Concen: 130.126 ug/L
RT: 8.809 min Scan# 2416
Delta R.T. 0.000 min
Lab File: VV035360.D
Acq: 23 Apr 2024 14:47

Tgt Ion: 112 Resp: 1219970
Ion Ratio Lower Upper
112 100
114 32.1 22.0 41.0
77 58.4 47.4 71.2

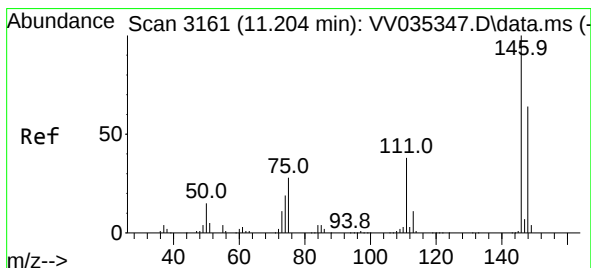
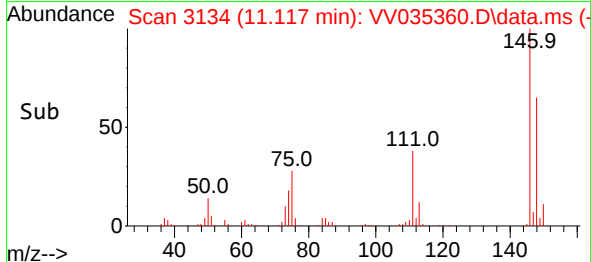
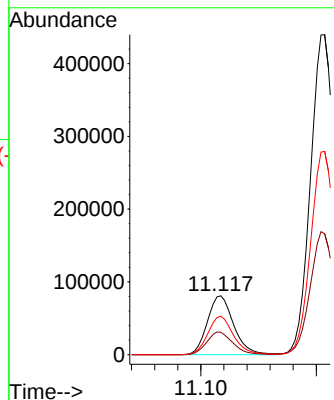
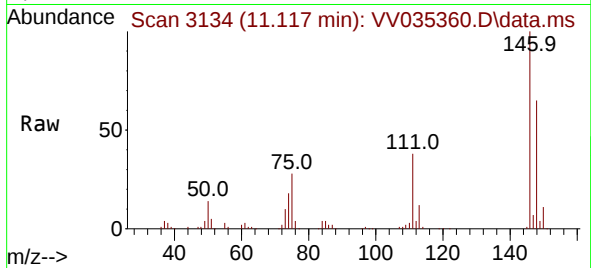




#64
1,3-Dichlorobenzene
Concen: 17.653 ug/L
RT: 11.117 min Scan# 3133
Delta R.T. 0.003 min
Lab File: VV035360.D
Acq: 23 Apr 2024 14:47

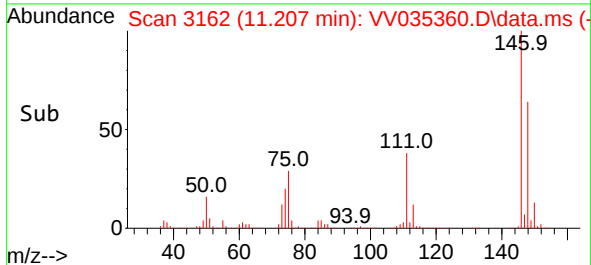
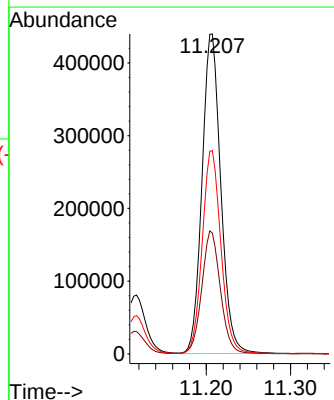
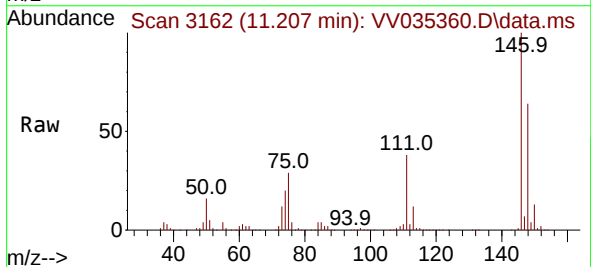
Instrument :
MSVOA_V
ClientSampleId :
MCORE4

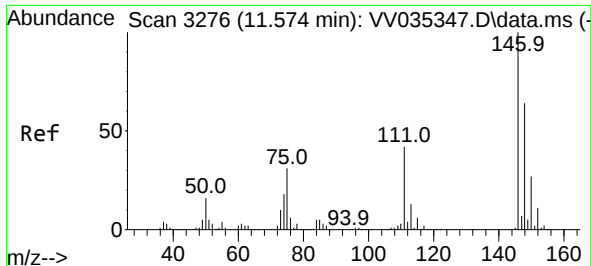
Tgt Ion:146 Resp: 127912
Ion Ratio Lower Upper
146 100
111 38.0 28.7 53.3
148 65.2 44.0 81.8



#65
1,4-Dichlorobenzene
Concen: 92.465 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. 0.003 min
Lab File: VV035360.D
Acq: 23 Apr 2024 14:47

Tgt Ion:146 Resp: 681316
Ion Ratio Lower Upper
146 100
111 37.8 27.4 50.8
148 63.6 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 110.188 ug/L

RT: 11.574 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV035360.D

Acq: 23 Apr 2024 14:47

Instrument :

MSVOA_V

ClientSampleId :

MCORE4

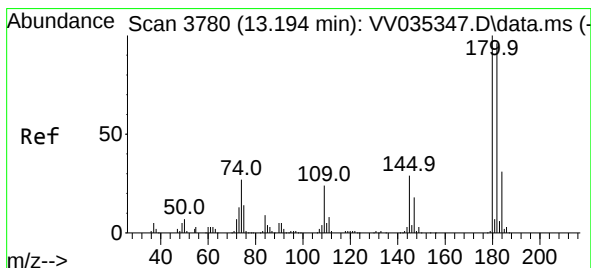
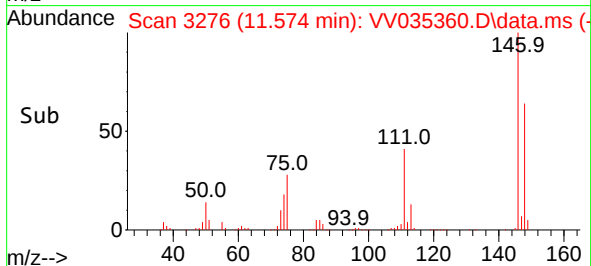
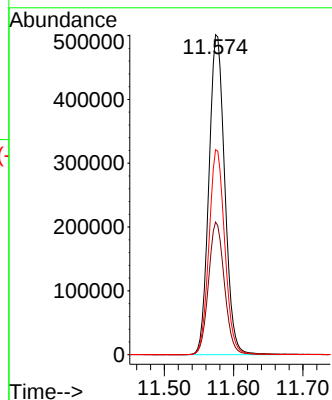
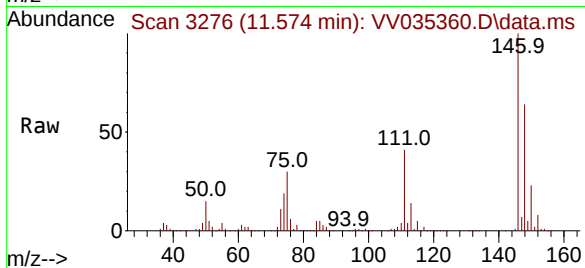
Tgt Ion:146 Resp: 795337

Ion Ratio Lower Upper

146 100

111 41.5 34.6 52.0

148 64.1 51.5 77.3



#70

1,2,4-trichlorobenzene

Concen: 43.093 ug/L

RT: 13.198 min Scan# 3781

Delta R.T. 0.003 min

Lab File: VV035360.D

Acq: 23 Apr 2024 14:47

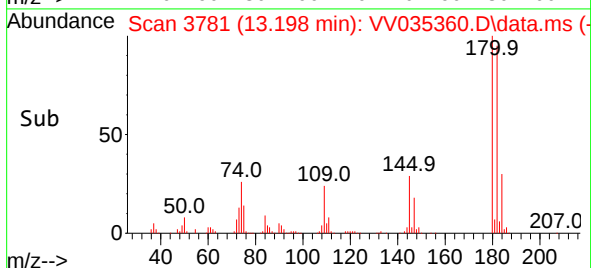
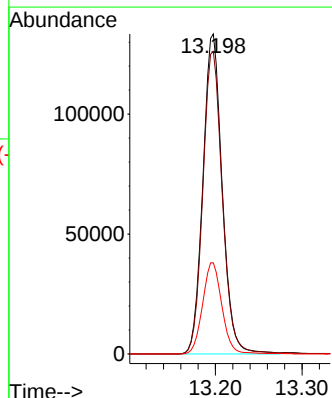
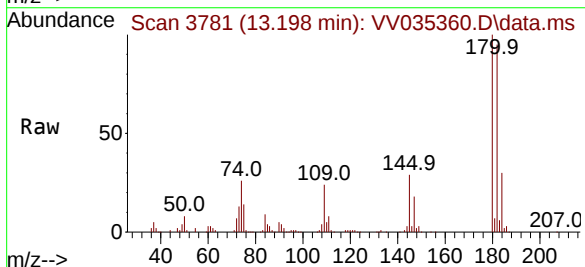
Tgt Ion:180 Resp: 206706

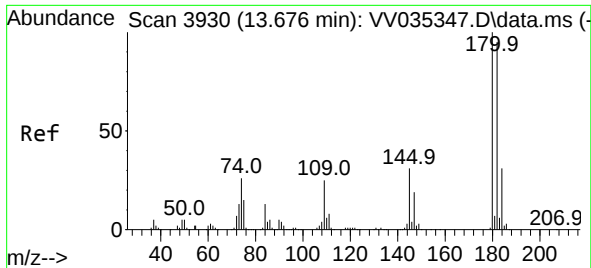
Ion Ratio Lower Upper

180 100

182 94.7 75.6 113.4

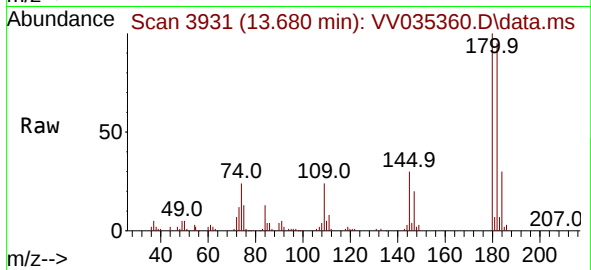
145 28.4 24.1 36.1





#72
 1,2,3-Trichlorobenzene
 Concen: 13.877 ug/L
 RT: 13.680 min Scan# 3931
 Delta R.T. 0.003 min
 Lab File: VV035360.D
 Acq: 23 Apr 2024 14:47

Instrument :
 MSVOA_V
 ClientSampleId :
 MCORE4



Tgt Ion:	180	Resp:	65614
Ion Ratio	Lower	Upper	
180	100		
182	94.8	76.2	114.2
145	30.7	25.8	38.6

