

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042324\
 Data File : VW035361.D
 Acq On : 23 Apr 2024 15:11
 Operator : SY/MD
 Sample : P2182-09 25X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MCORD6

Quant Time: Apr 23 23:29:52 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)

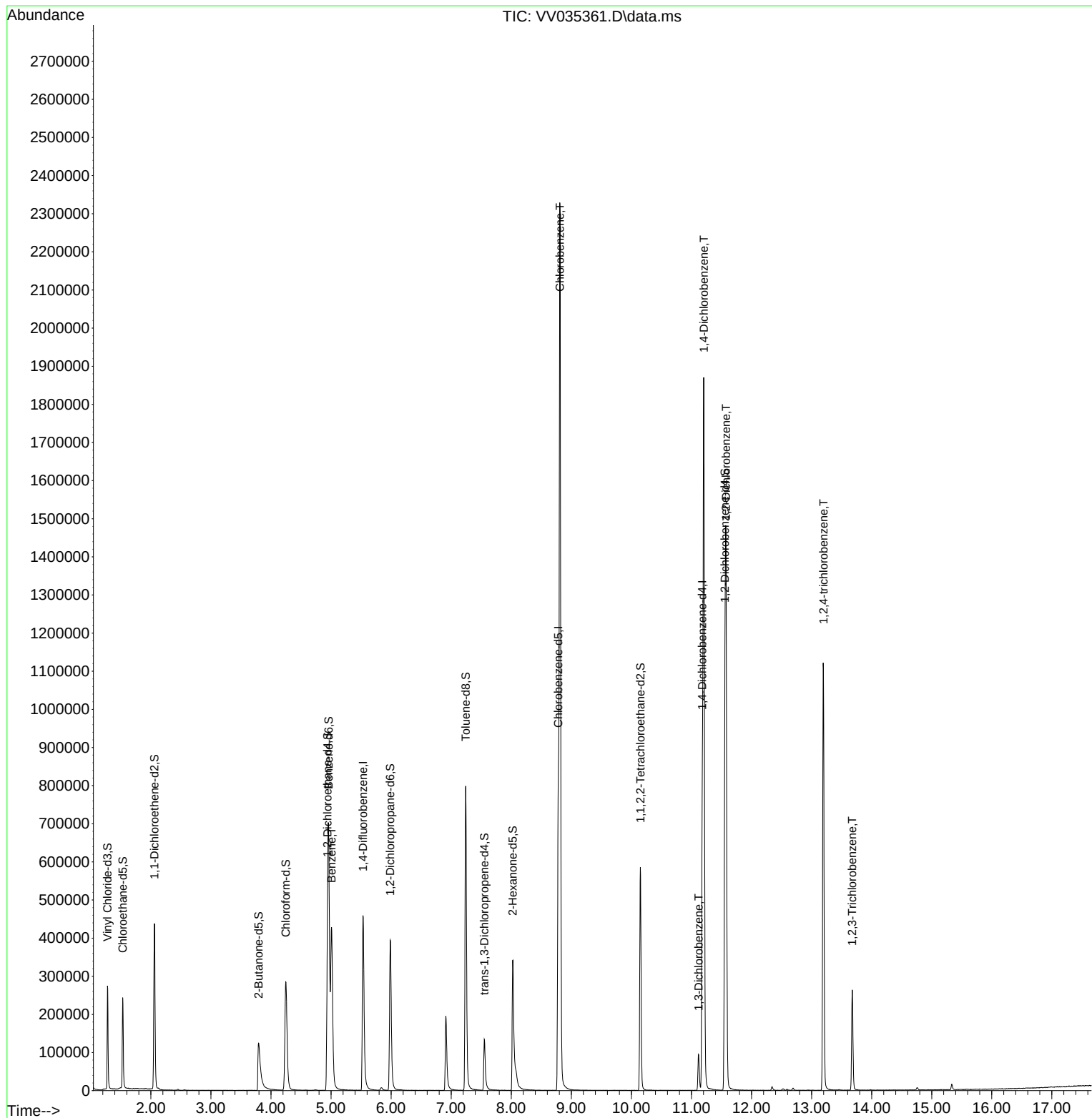
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	414100	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	413218	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	205918	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	179954	44.998	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.000%
7) Chloroethane-d5	1.532	69	149747	43.111	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.220%
11) 1,1-Dichloroethene-d2	2.060	65	75016	42.792	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.580%
21) 2-Butanone-d5	3.793	46	204038	86.025	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.030%
24) Chloroform-d	4.246	84	316452	47.064	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.120%
26) 1,2-Dichloroethane-d4	4.941	65	198732	46.553	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.100%
32) Benzene-d6	4.960	84	638472	45.999	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.000%
36) 1,2-Dichloropropane-d6	5.986	67	207772	47.139	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.280%
41) Toluene-d8	7.243	98	546867	43.748	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.500%
43) trans-1,3-Dichloroprop...	7.551	79	87509	40.839	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.680%
47) 2-Hexanone-d5	8.024	63	121652	73.001	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	73.000%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	286194	47.152	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.300%
66) 1,2-Dichlorobenzene-d4	11.558	152	232538	50.297	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.600%
Target Compounds						
					Qvalue	
33) Benzene	5.008	78	465901	34.577	ug/L	100
51) Chlorobenzene	8.812	112	1235381	135.119	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	41232	5.943	ug/L	95
65) 1,4-Dichlorobenzene	11.207	146	731646	103.709	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	506529	73.295	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	358180	77.990	ug/L	99
72) 1,2,3-Trichlorobenzene	13.677	180	82988	18.332	ug/L	98

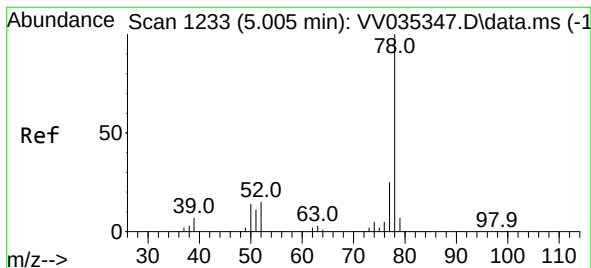
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Apr 23 23:26:51 2024
Response via : Initial Calibration





#33

Benzene

Concen: 34.577 ug/L

RT: 5.008 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV035361.D

Acq: 23 Apr 2024 15:11

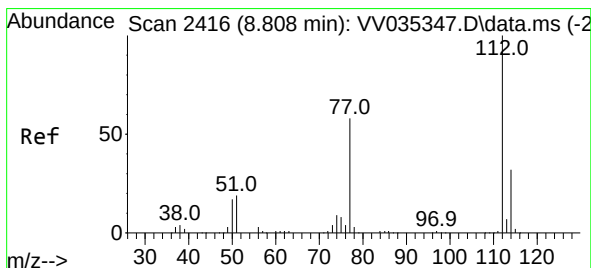
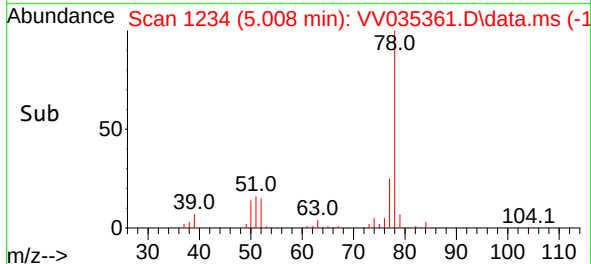
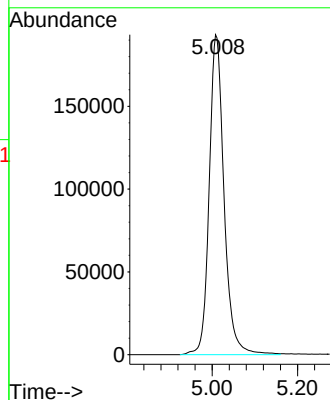
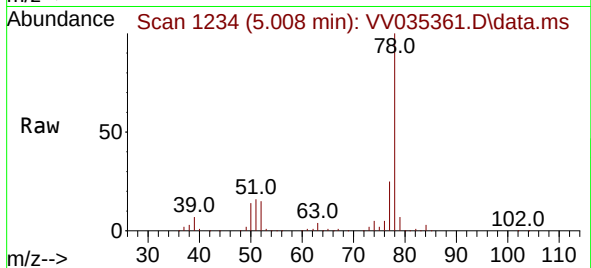
Instrument :

MSVOA_V

ClientSampleId :

MC0RD6

Tgt Ion: 78 Resp: 465901



#51

Chlorobenzene

Concen: 135.119 ug/L

RT: 8.812 min Scan# 2417

Delta R.T. 0.003 min

Lab File: VV035361.D

Acq: 23 Apr 2024 15:11

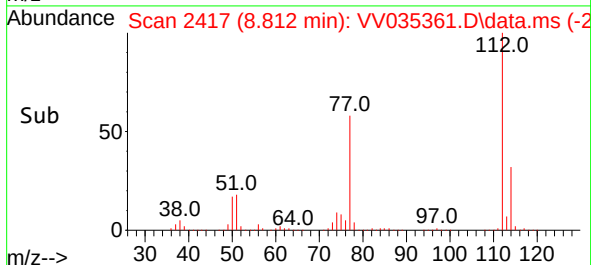
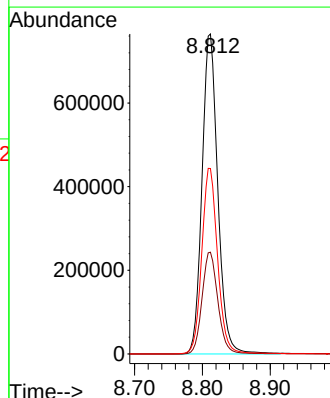
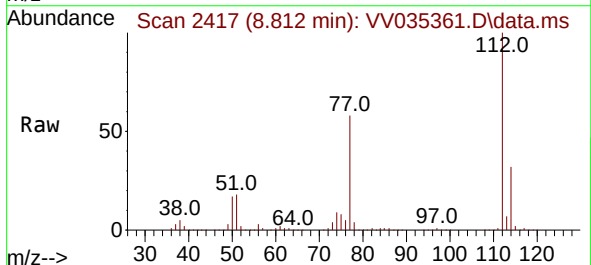
Tgt Ion:112 Resp: 1235381

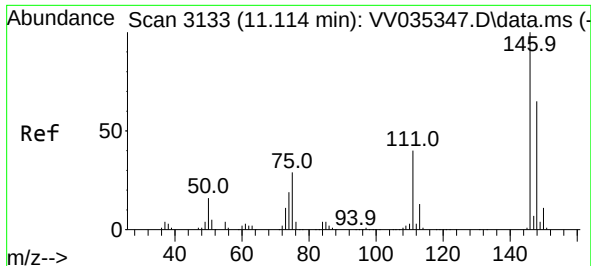
Ion Ratio Lower Upper

112 100

114 31.8 22.0 41.0

77 57.9 47.4 71.2

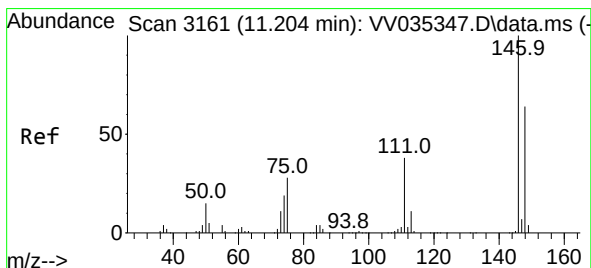
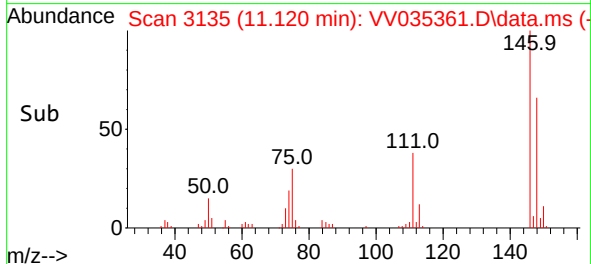
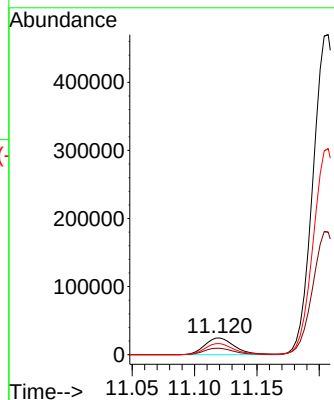
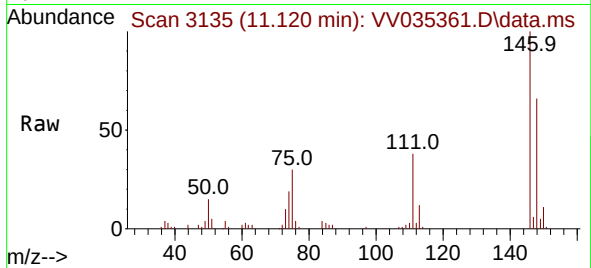




#64
1,3-Dichlorobenzene
Concen: 5.943 ug/L
RT: 11.120 min Scan# 3133
Delta R.T. 0.007 min
Lab File: VV035361.D
Acq: 23 Apr 2024 15:11

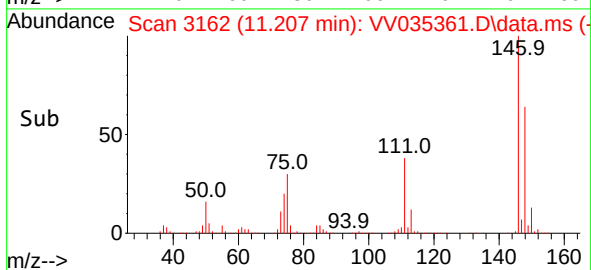
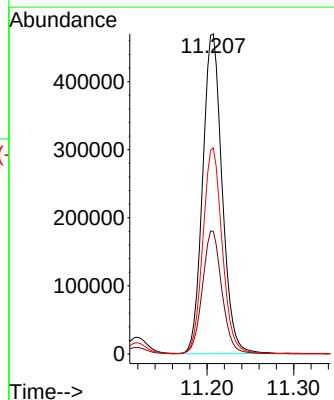
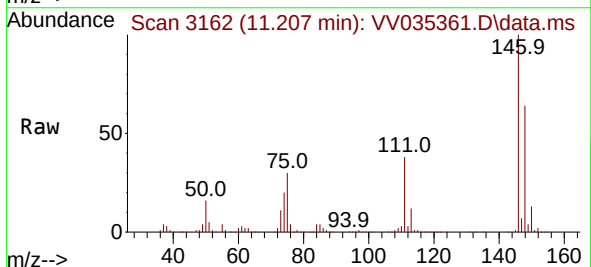
Instrument :
MSVOA_V
ClientSampleId :
MC0RD6

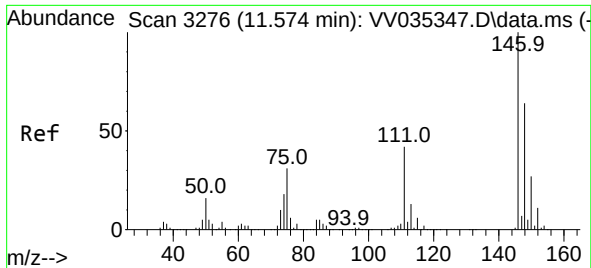
Tgt Ion:146 Resp: 41232
Ion Ratio Lower Upper
146 100
111 37.9 28.7 53.3
148 66.5 44.0 81.8



#65
1,4-Dichlorobenzene
Concen: 103.709 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. 0.003 min
Lab File: VV035361.D
Acq: 23 Apr 2024 15:11

Tgt Ion:146 Resp: 731646
Ion Ratio Lower Upper
146 100
111 38.3 27.4 50.8
148 64.4 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 73.295 ug/L

RT: 11.577 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV035361.D

Acq: 23 Apr 2024 15:11

Instrument :

MSVOA_V

ClientSampleId :

MC0RD6

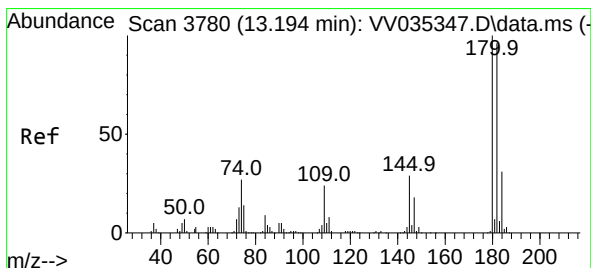
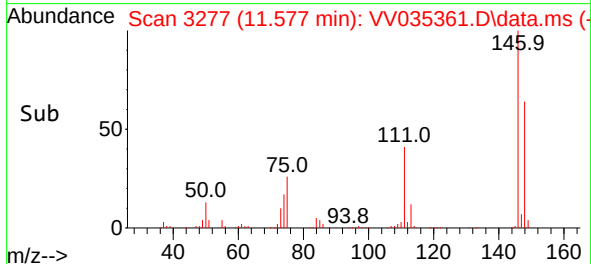
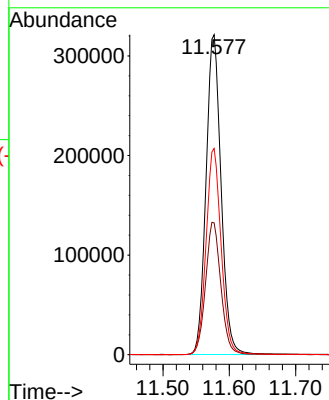
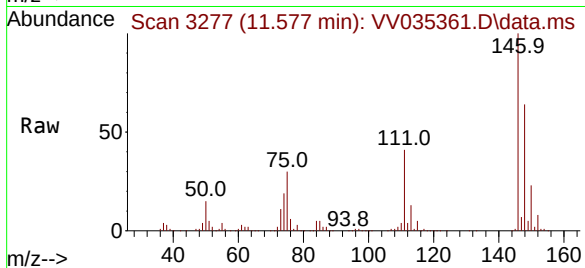
Tgt Ion:146 Resp: 506529

Ion Ratio Lower Upper

146 100

111 41.2 34.6 52.0

148 64.4 51.5 77.3



#70

1,2,4-trichlorobenzene

Concen: 77.990 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.003 min

Lab File: VV035361.D

Acq: 23 Apr 2024 15:11

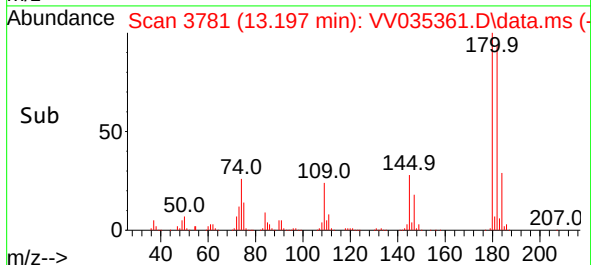
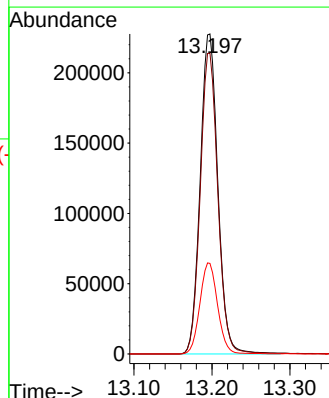
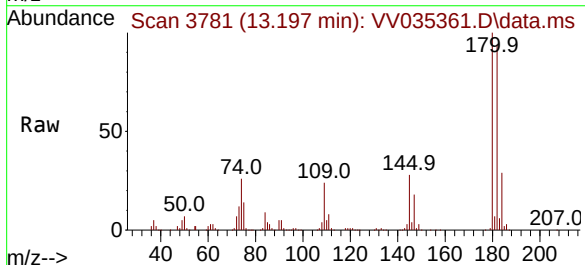
Tgt Ion:180 Resp: 358180

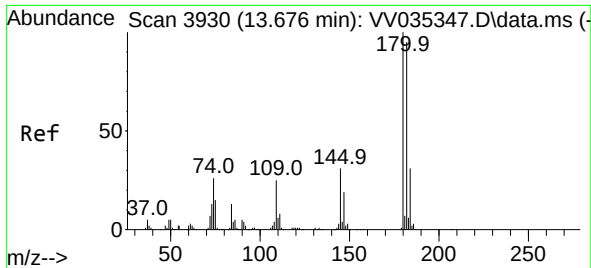
Ion Ratio Lower Upper

180 100

182 93.8 75.6 113.4

145 28.6 24.1 36.1





#72
 1,2,3-Trichlorobenzene
 Concen: 18.332 ug/L
 RT: 13.677 min Scan# 3930
 Delta R.T. 0.000 min
 Lab File: VV035361.D
 Acq: 23 Apr 2024 15:11

Instrument :
 MSVOA_V
 ClientSampleId :
 MC0RD6

Tgt Ion:180	Resp:	82988
Ion Ratio	Lower	Upper
180	100	
182	97.1	76.2 114.2
145	31.4	25.8 38.6

