

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042424\
 Data File : VV035380.D
 Acq On : 24 Apr 2024 12:28
 Operator : SY/MD
 Sample : P2158-07
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MC0RD4

Quant Time: Apr 25 01:59:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 25 01:57:41 2024
 Response via : Initial Calibration

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

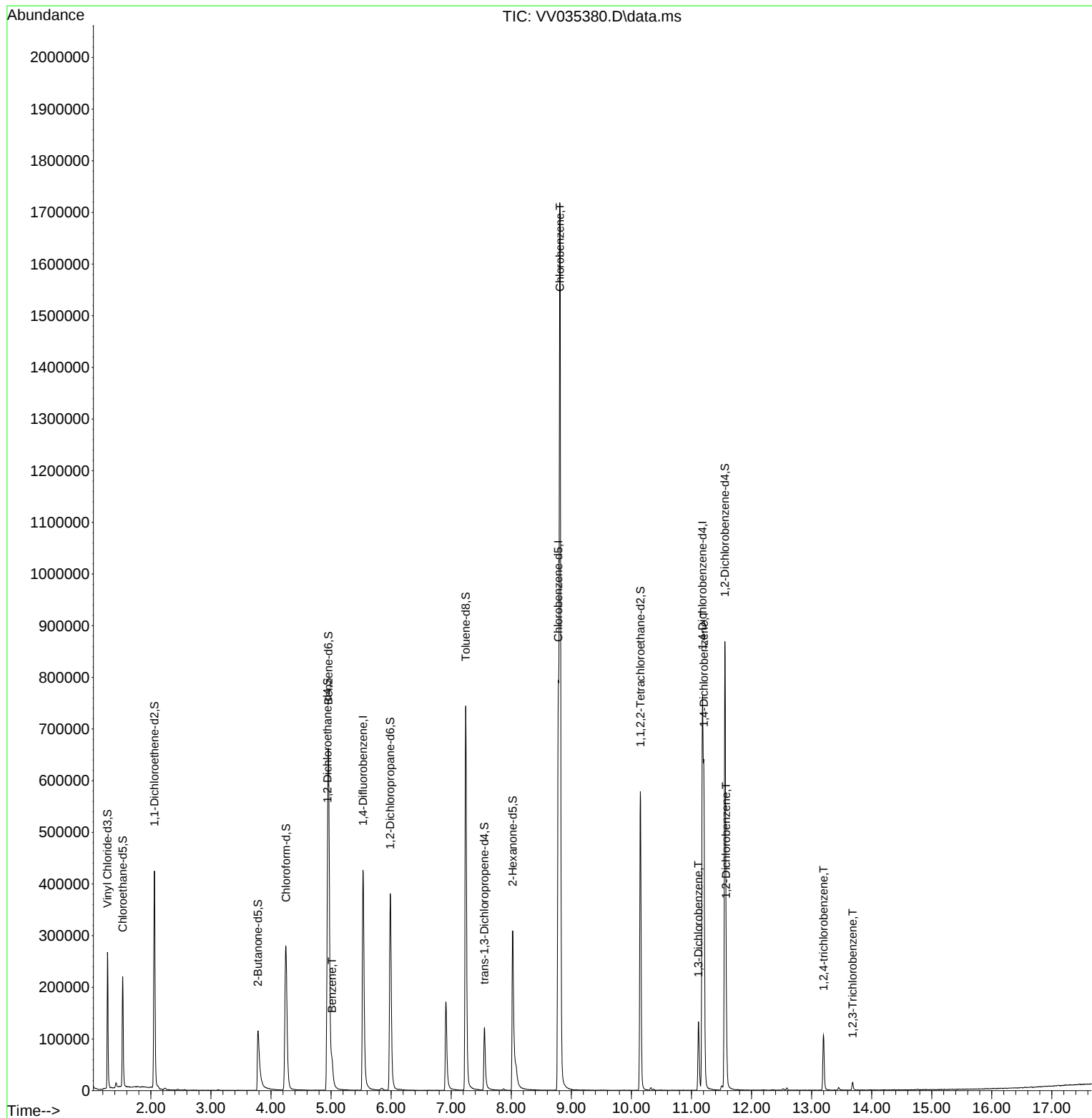
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	380107	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	397392	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	189543	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	172894	47.099	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.200%
7) Chloroethane-d5	1.532	69	143791	45.098	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.200%
11) 1,1-Dichloroethene-d2	2.059	65	72824	45.256	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.520%
21) 2-Butanone-d5	3.783	46	183143	84.121	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.120%
24) Chloroform-d	4.249	84	309467	50.141	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.280%
26) 1,2-Dichloroethane-d4	4.940	65	194038	49.518	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.040%
32) Benzene-d6	4.956	84	609776	45.681	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.360%
36) 1,2-Dichloropropane-d6	5.985	67	198064	46.726	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.460%
41) Toluene-d8	7.243	98	520089	43.263	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.520%
43) trans-1,3-Dichloroprop...	7.551	79	79314	38.489	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.980%
47) 2-Hexanone-d5	8.024	63	105220	65.655	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	65.650%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	279388	47.863	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.720%
66) 1,2-Dichlorobenzene-d4	11.557	152	222201	52.213	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.420%
Target Compounds						
					Qvalue	
33) Benzene	5.014	78	59029	4.555	ug/L	100
51) Chlorobenzene	8.812	112	933649	106.184	ug/L	98
64) 1,3-Dichlorobenzene	11.117	146	57249	8.965	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	234168	36.060	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	49711	7.815	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	35439	8.383	ug/L	98
72) 1,2,3-Trichlorobenzene	13.683	180	5386	1.293	ug/L	98

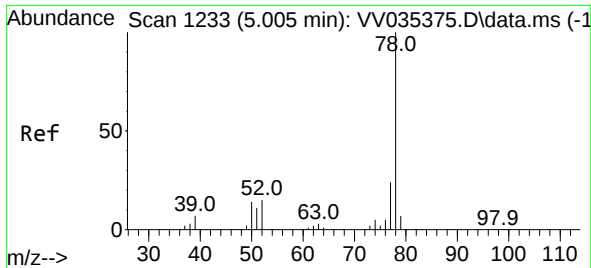
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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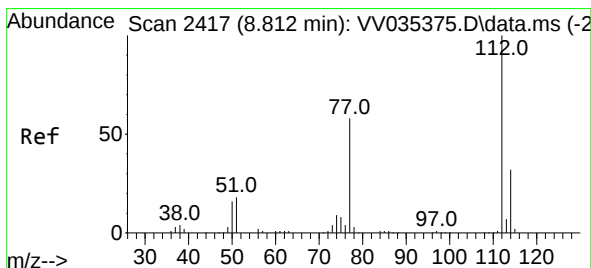
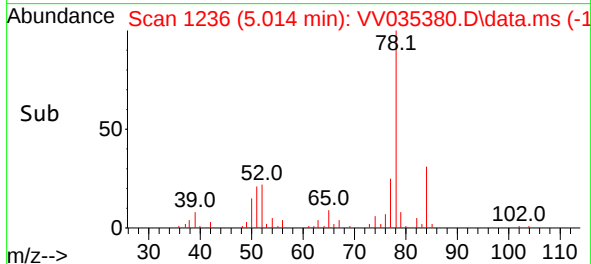
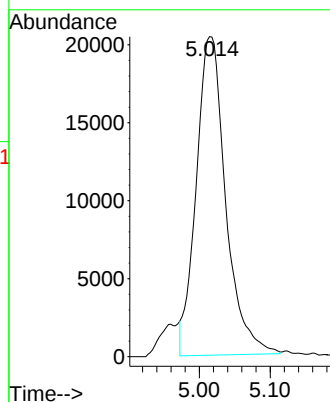
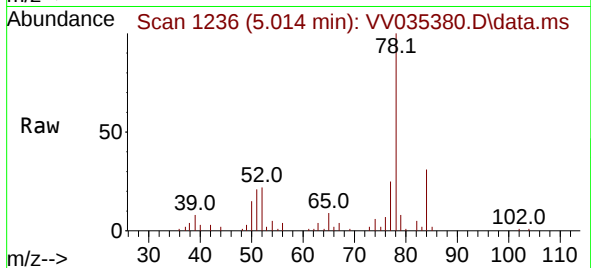




#33
Benzene
Concen: 4.555 ug/L
RT: 5.014 min Scan# 1236
Delta R.T. 0.010 min
Lab File: VV035380.D
Acq: 24 Apr 2024 12:28

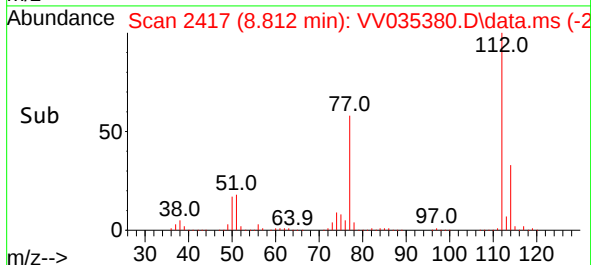
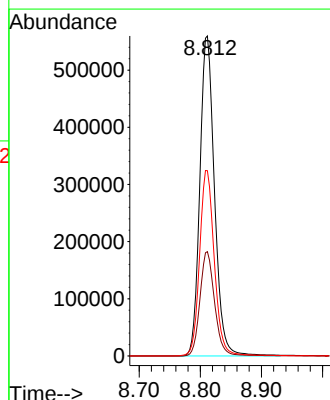
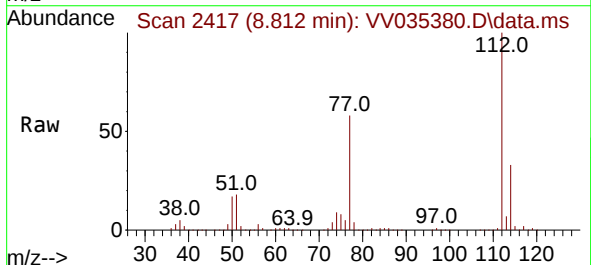
Instrument :
MSVOA_V
ClientSampleId :
MC0RD4

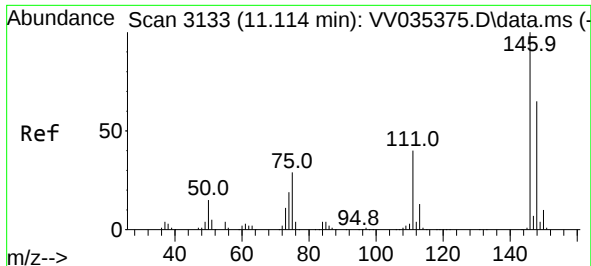
Tgt Ion: 78 Resp: 59029



#51
Chlorobenzene
Concen: 106.184 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. -0.000 min
Lab File: VV035380.D
Acq: 24 Apr 2024 12:28

Tgt Ion: 112 Resp: 933649
Ion Ratio Lower Upper
112 100
114 32.6 22.0 41.0
77 57.9 47.4 71.2

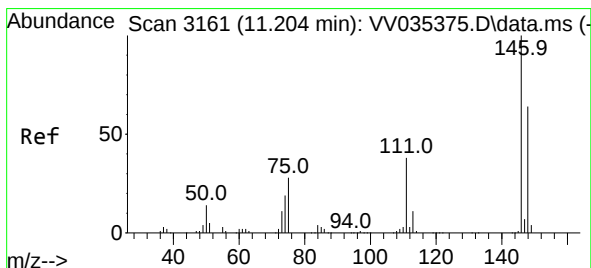
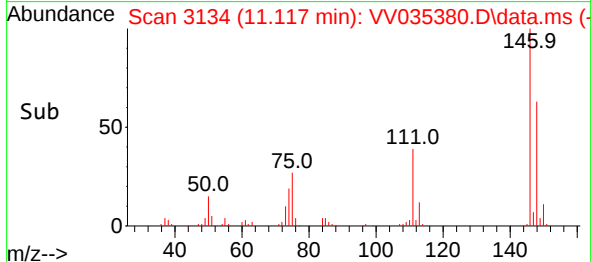
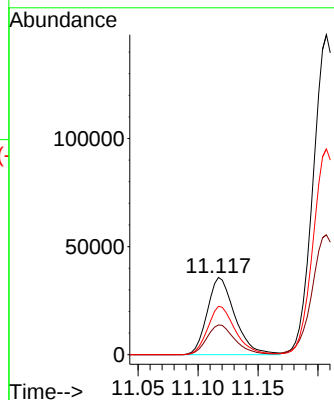
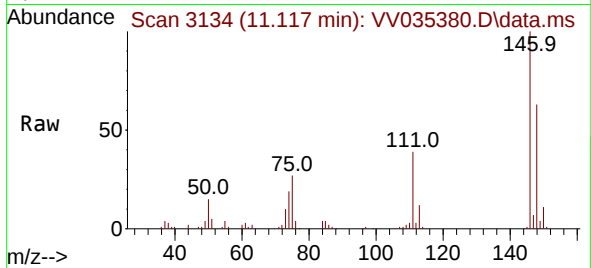




#64
 1,3-Dichlorobenzene
 Concen: 8.965 ug/L
 RT: 11.117 min Scan# 3133
 Delta R.T. 0.003 min
 Lab File: VV035380.D
 Acq: 24 Apr 2024 12:28

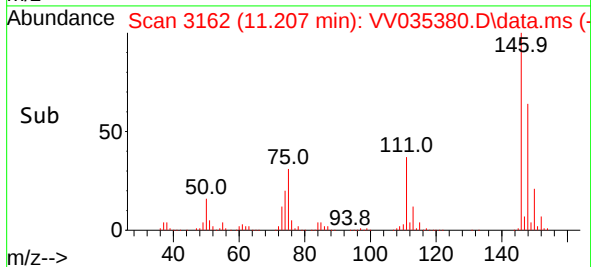
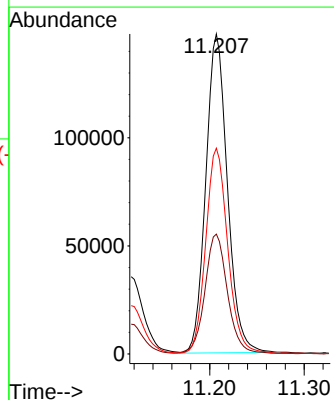
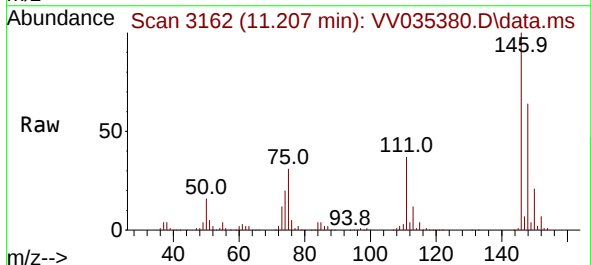
Instrument :
 MSVOA_V
 ClientSampleId :
 MC0RD4

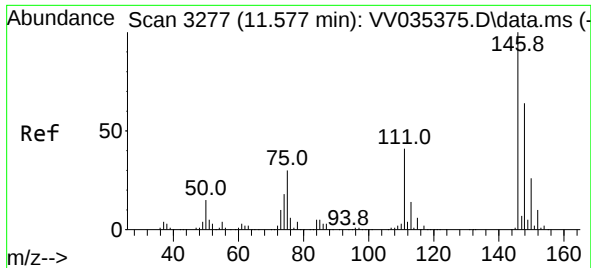
Tgt Ion:146 Resp: 57249
 Ion Ratio Lower Upper
 146 100
 111 38.6 28.7 53.3
 148 62.5 44.0 81.8



#65
 1,4-Dichlorobenzene
 Concen: 36.060 ug/L
 RT: 11.207 min Scan# 3162
 Delta R.T. 0.003 min
 Lab File: VV035380.D
 Acq: 24 Apr 2024 12:28

Tgt Ion:146 Resp: 234168
 Ion Ratio Lower Upper
 146 100
 111 37.4 27.4 50.8
 148 64.3 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 7.815 ug/L

RT: 11.577 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV035380.D

Acq: 24 Apr 2024 12:28

Instrument :

MSVOA_V

ClientSampleId :

MC0RD4

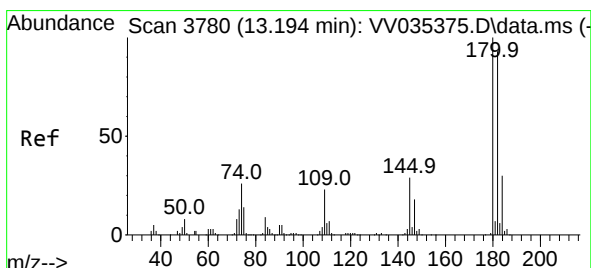
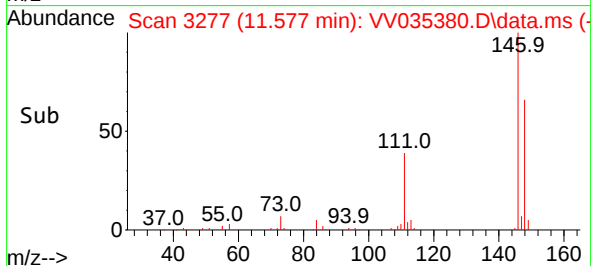
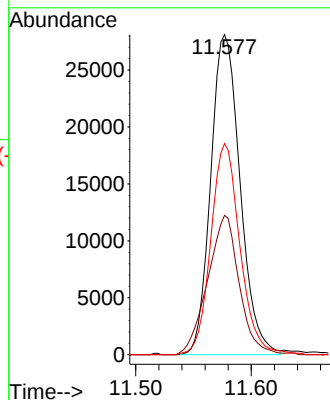
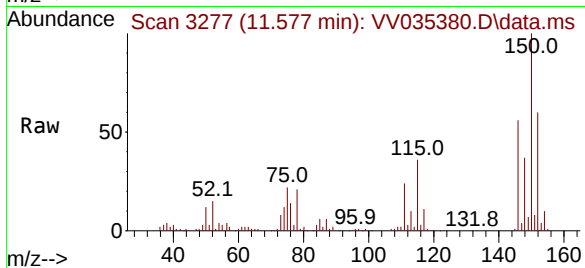
Tgt Ion:146 Resp: 49711

Ion Ratio Lower Upper

146 100

111 43.6 34.6 52.0

148 65.9 51.5 77.3



#70

1,2,4-trichlorobenzene

Concen: 8.383 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.003 min

Lab File: VV035380.D

Acq: 24 Apr 2024 12:28

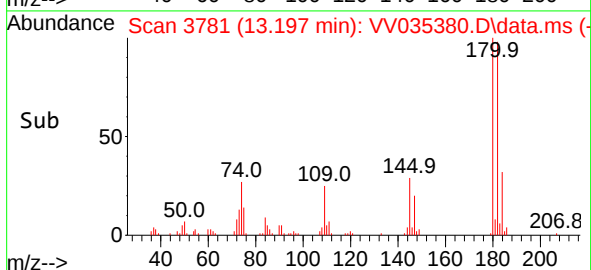
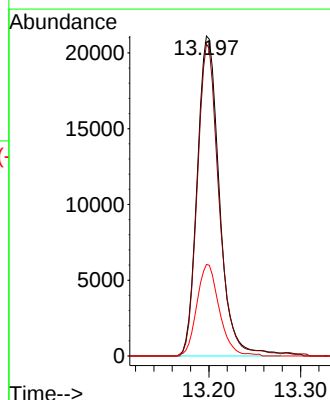
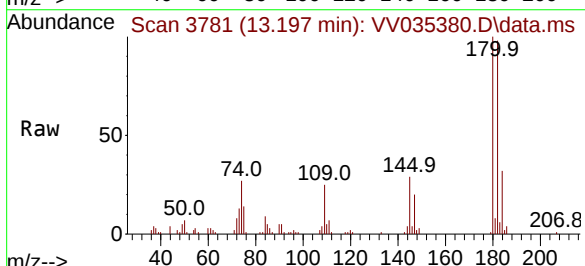
Tgt Ion:180 Resp: 35439

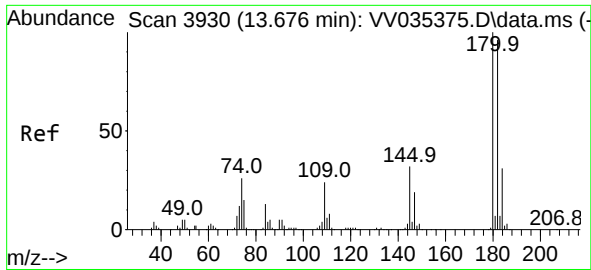
Ion Ratio Lower Upper

180 100

182 95.8 75.6 113.4

145 28.7 24.1 36.1





#72

1,2,3-Trichlorobenzene

Concen: 1.293 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. 0.006 min

Lab File: VV035380.D

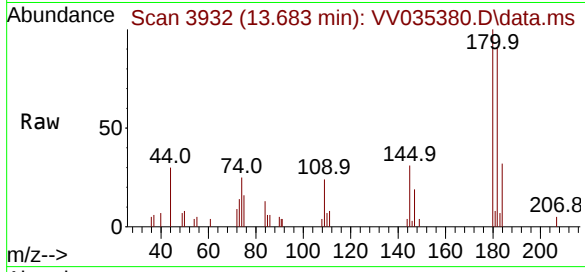
Acq: 24 Apr 2024 12:28

Instrument :

MSVOA_V

ClientSampleId :

MC0RD4



Tgt Ion:180 Resp: 5386

Ion Ratio Lower Upper

180 100

182 94.6 76.2 114.2

145 28.6 25.8 38.6

