

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041924\
 Data File : VV035310.D
 Acq On : 19 Apr 2024 16:04
 Operator : SY/MD
 Sample : P2157-18
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MC0RB7

Quant Time: Apr 19 22:32:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 19 22:28:16 2024
 Response via : Initial Calibration

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

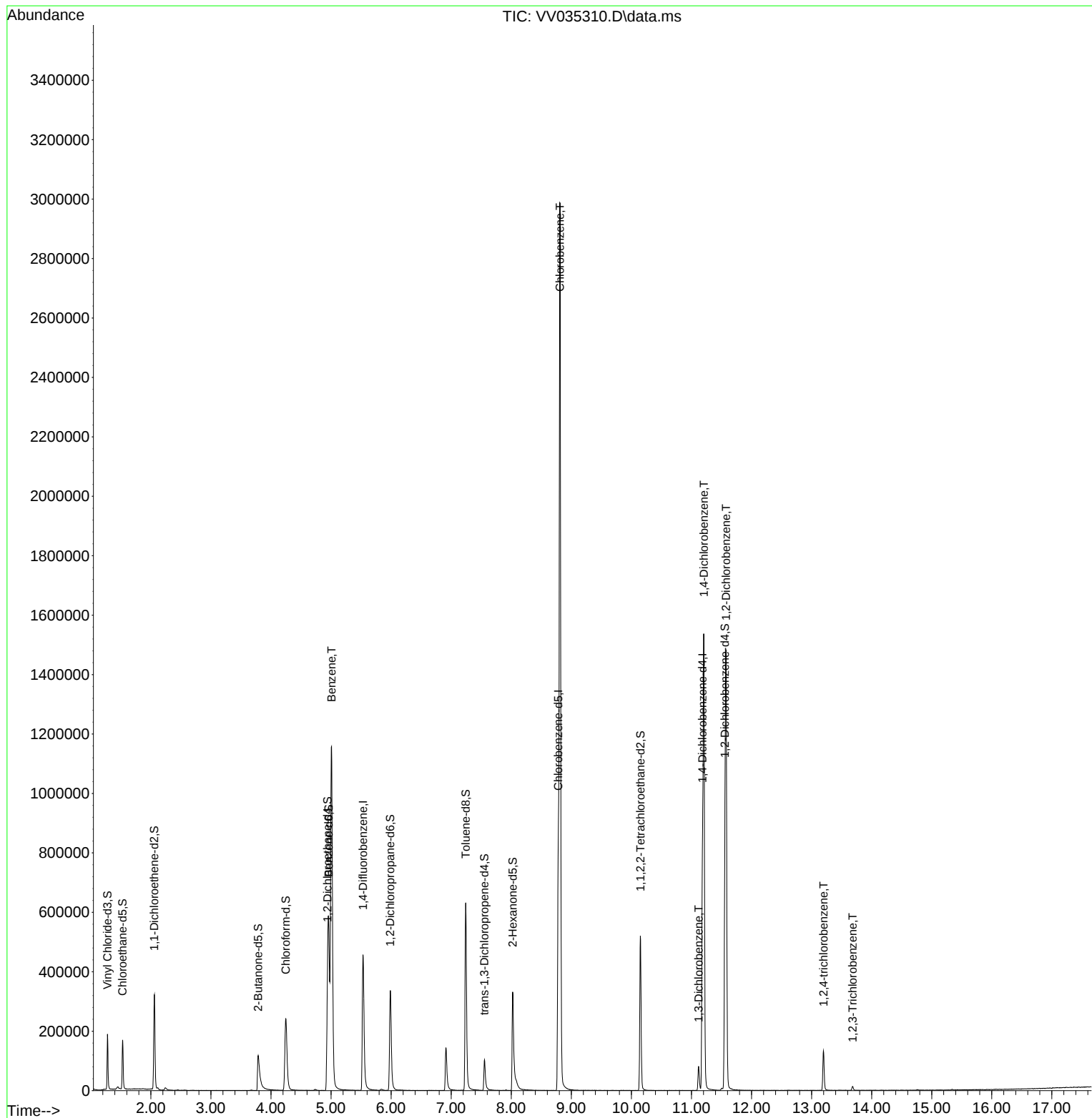
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	407496	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	406249	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	191901	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	121715	30.928	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	61.860%
7) Chloroethane-d5	1.529	69	109622	32.070	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	64.140%#
11) 1,1-Dichloroethene-d2	2.056	65	54778	31.754	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.500%
21) 2-Butanone-d5	3.786	46	187213	80.211	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	80.210%
24) Chloroform-d	4.246	84	264977	40.047	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.100%
26) 1,2-Dichloroethane-d4	4.940	65	170525	40.593	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.180%
32) Benzene-d6	4.960	84	521730	38.233	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.460%
36) 1,2-Dichloropropane-d6	5.985	67	173587	40.059	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	80.120%
41) Toluene-d8	7.243	98	435052	35.400	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	70.800%#
43) trans-1,3-Dichloroprop...	7.554	79	65791	31.231	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.460%
47) 2-Hexanone-d5	8.024	63	112712	68.796	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	68.800%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	253299	42.448	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.900%
66) 1,2-Dichlorobenzene-d4	11.558	152	189066	43.881	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.760%
Target Compounds						
					Qvalue	
33) Benzene	5.008	78	1223185	92.335	ug/L	100
51) Chlorobenzene	8.812	112	1581864	175.983	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	34842	5.389	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	590579	89.828	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	522726	81.163	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	41856	9.779	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	4797	1.137	ug/L	96

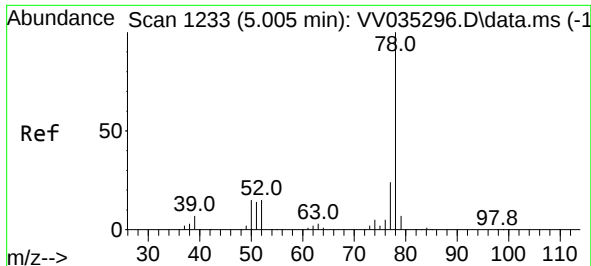
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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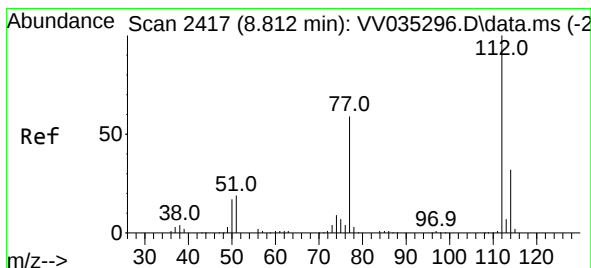
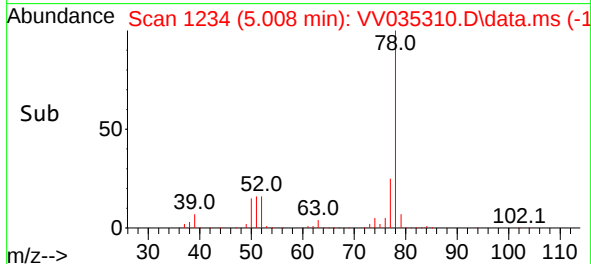
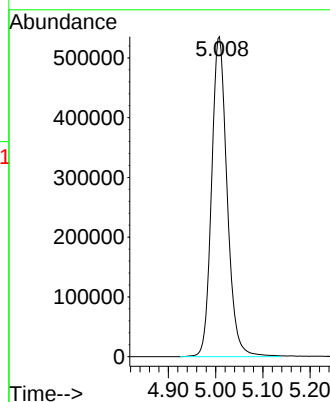
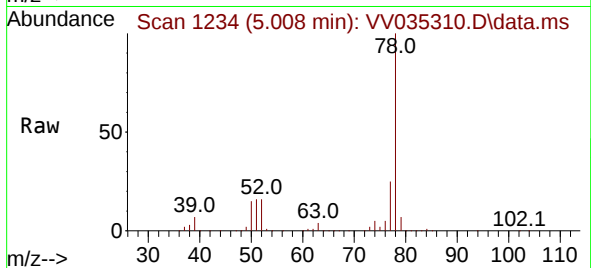




#33
Benzene
Concen: 92.335 ug/L
RT: 5.008 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV035310.D
Acq: 19 Apr 2024 16:04

Instrument :
MSVOA_V
ClientSampleId :
MCORB7

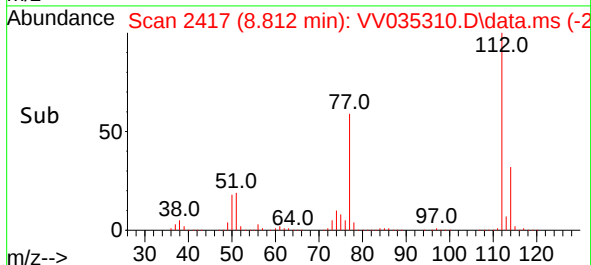
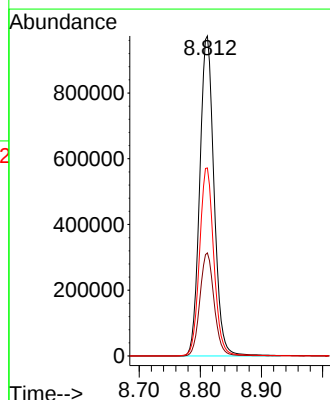
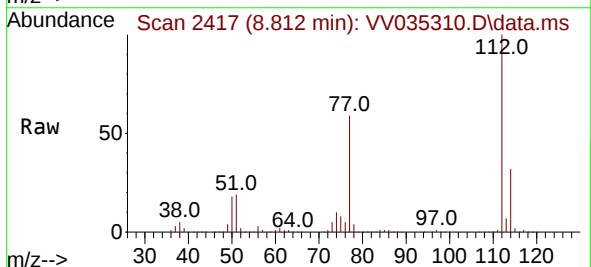
Tgt Ion: 78 Resp: 1223185

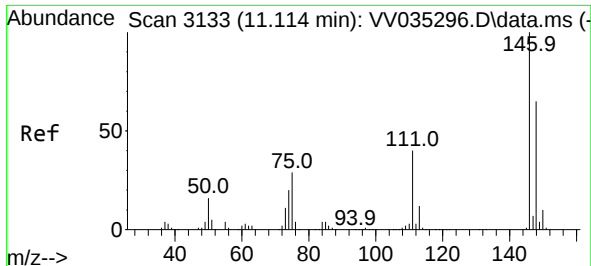


#51
Chlorobenzene
Concen: 175.983 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.000 min
Lab File: VV035310.D
Acq: 19 Apr 2024 16:04

Tgt Ion: 112 Resp: 1581864

Ion	Ratio	Lower	Upper
112	100		
114	32.2	22.0	41.0
77	58.8	47.4	71.2

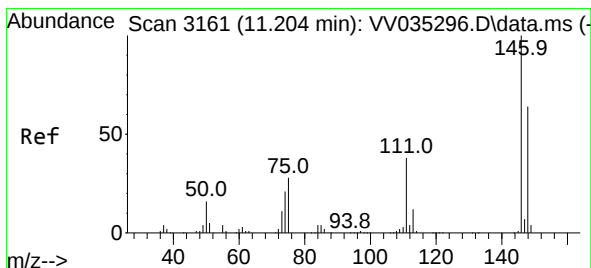
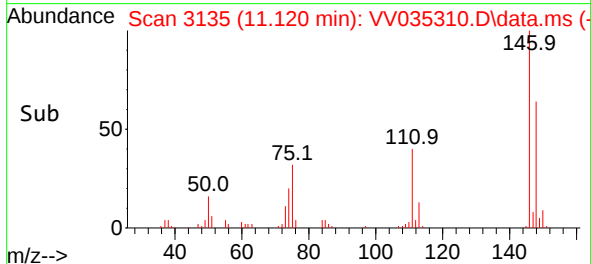
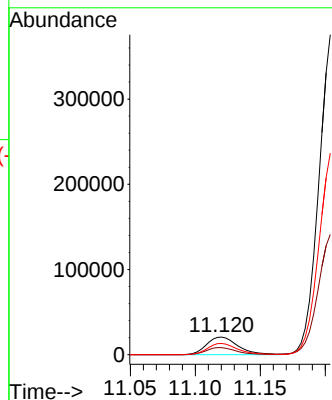
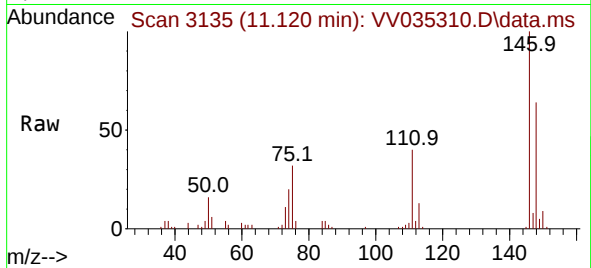




#64
1,3-Dichlorobenzene
Concen: 5.389 ug/L
RT: 11.120 min Scan# 3135
Delta R.T. 0.006 min
Lab File: VV035310.D
Acq: 19 Apr 2024 16:04

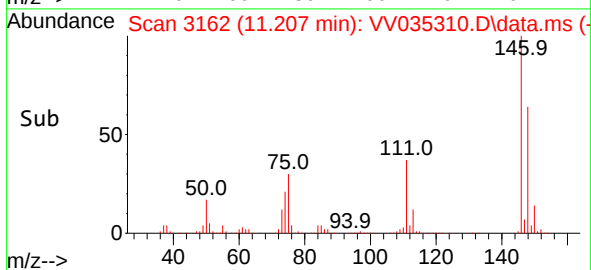
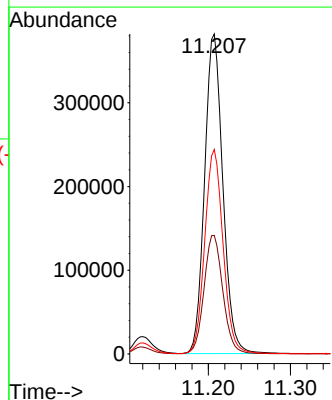
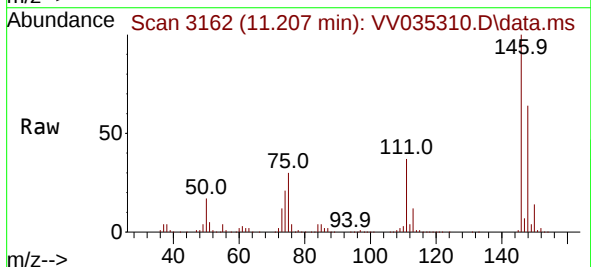
Instrument :
MSVOA_V
ClientSampleId :
MCORB7

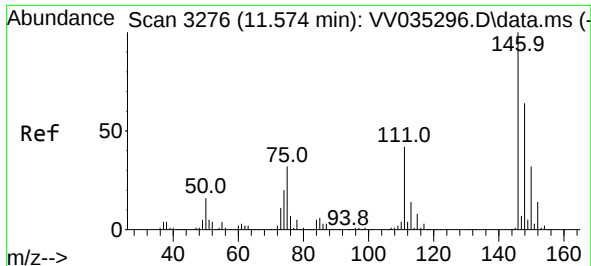
Tgt Ion:146 Resp: 34842
Ion Ratio Lower Upper
146 100
111 40.0 28.7 53.3
148 64.1 44.0 81.8



#65
1,4-Dichlorobenzene
Concen: 89.828 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. 0.003 min
Lab File: VV035310.D
Acq: 19 Apr 2024 16:04

Tgt Ion:146 Resp: 590579
Ion Ratio Lower Upper
146 100
111 37.0 27.4 50.8
148 63.9 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 81.163 ug/L

RT: 11.577 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV035310.D

Acq: 19 Apr 2024 16:04

Instrument :

MSVOA_V

ClientSampleId :

MC0RB7

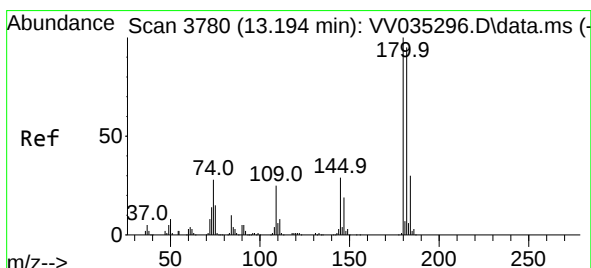
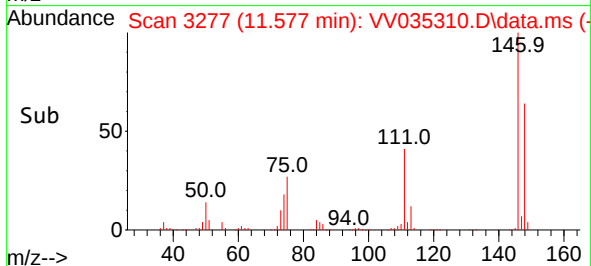
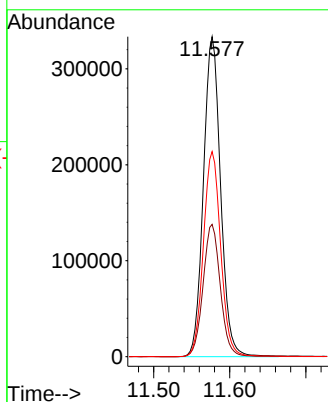
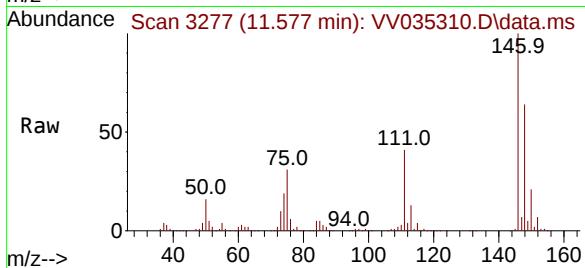
Tgt Ion:146 Resp: 522726

Ion Ratio Lower Upper

146 100

111 41.4 34.6 52.0

148 64.1 51.5 77.3



#70

1,2,4-trichlorobenzene

Concen: 9.779 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.003 min

Lab File: VV035310.D

Acq: 19 Apr 2024 16:04

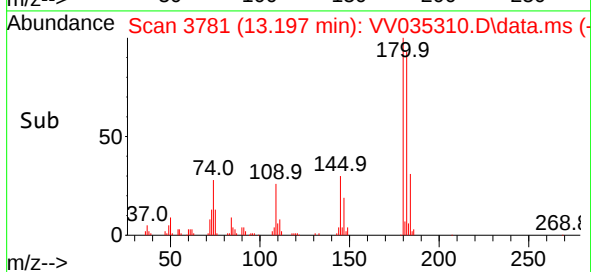
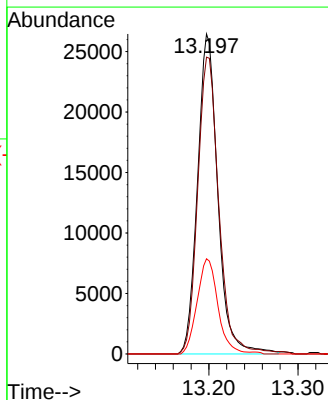
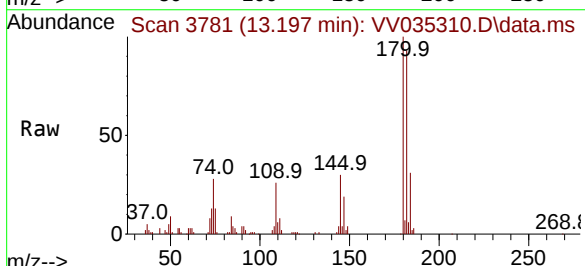
Tgt Ion:180 Resp: 41856

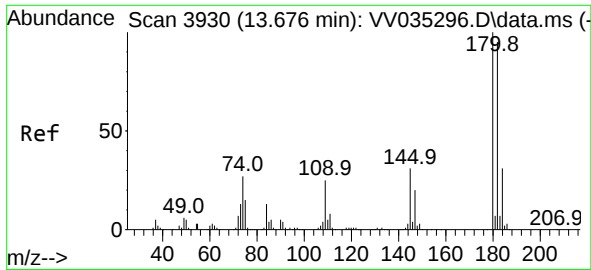
Ion Ratio Lower Upper

180 100

182 95.3 75.6 113.4

145 30.5 24.1 36.1





#72

1,2,3-Trichlorobenzene

Concen: 1.137 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. 0.006 min

Lab File: VV035310.D

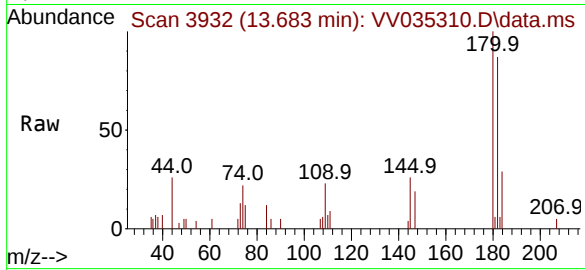
Acq: 19 Apr 2024 16:04

Instrument :

MSVOA_V

ClientSampleId :

MC0RB7



Tgt Ion:180 Resp: 4797

Ion Ratio Lower Upper

180 100

182 92.5 76.2 114.2

145 28.7 25.8 38.6

