

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032924\
 Data File : VV034910.D
 Acq On : 29 Mar 2024 17:01
 Operator : SY/MD
 Sample : P1934-06 100X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0R41

Quant Time: Mar 30 02:15:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 29 00:23:40 2024
 Response via : Initial Calibration

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

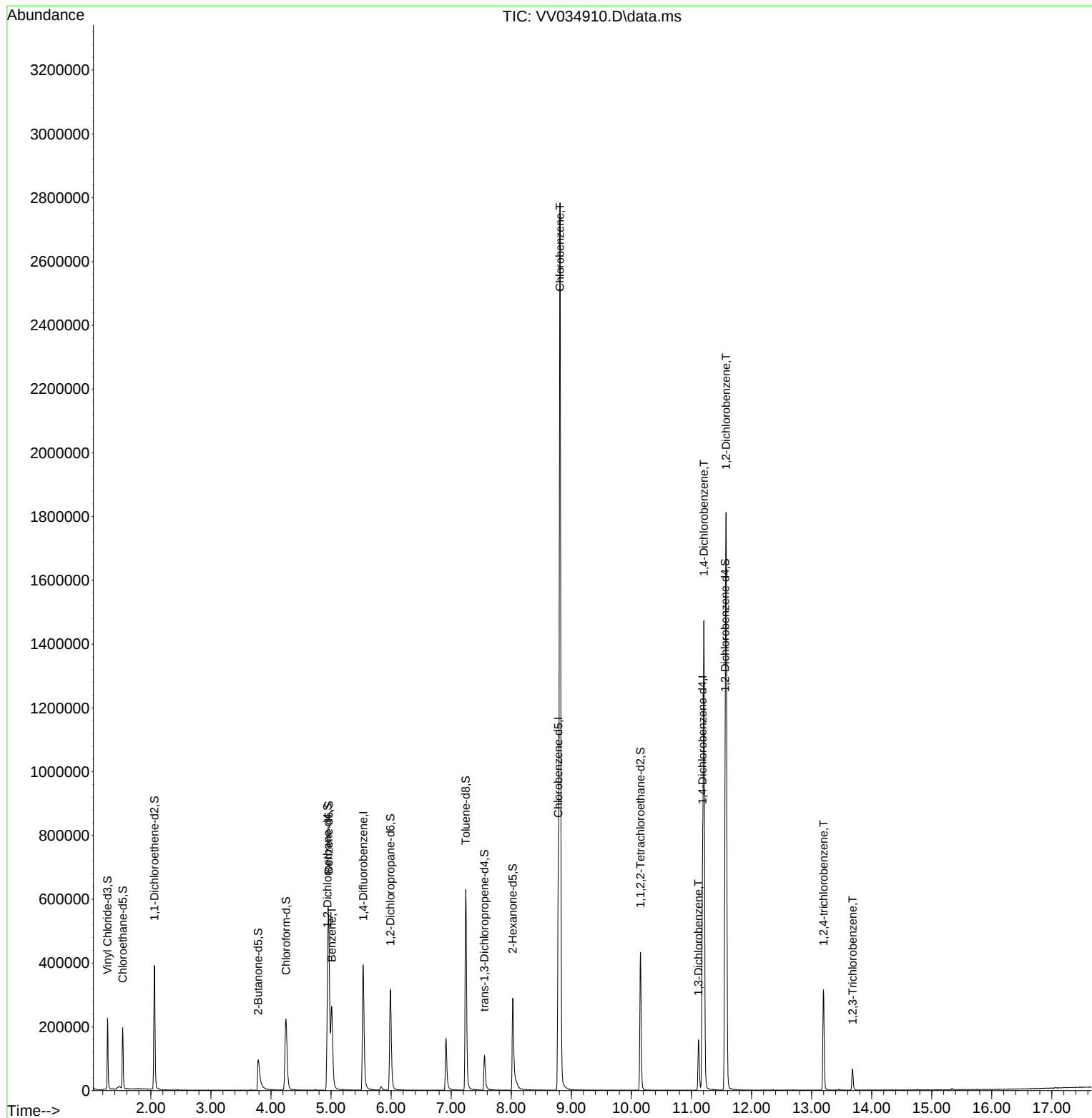
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	343609	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	335885	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	165007	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	142429	42.921	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.840%
7) Chloroethane-d5	1.532	69	124553	43.214	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.420%
11) 1,1-Dichloroethene-d2	2.059	65	65955	45.341	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.680%
21) 2-Butanone-d5	3.786	46	163828	83.242	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.240%
24) Chloroform-d	4.249	84	241935	43.363	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.720%
26) 1,2-Dichloroethane-d4	4.940	65	154466	43.606	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.220%
32) Benzene-d6	4.960	84	496890	44.041	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.080%
36) 1,2-Dichloropropane-d6	5.989	67	157736	44.026	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.060%
41) Toluene-d8	7.243	98	429111	42.232	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.460%
43) trans-1,3-Dichloroprop...	7.554	79	66251	38.037	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.080%
47) 2-Hexanone-d5	8.024	63	100933	74.512	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	74.510%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	209554	42.474	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.940%
66) 1,2-Dichlorobenzene-d4	11.561	152	163550	44.146	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.300%
Target Compounds						
					Qvalue	
33) Benzene	5.011	78	281665	25.716	ug/L	100
51) Chlorobenzene	8.812	112	1436371	193.272	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	62402	11.225	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	535445	94.716	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	644631	116.405	ug/L	98
70) 1,2,4-trichlorobenzene	13.197	180	92641	25.173	ug/L	97
72) 1,2,3-Trichlorobenzene	13.683	180	20555	5.666	ug/L	98

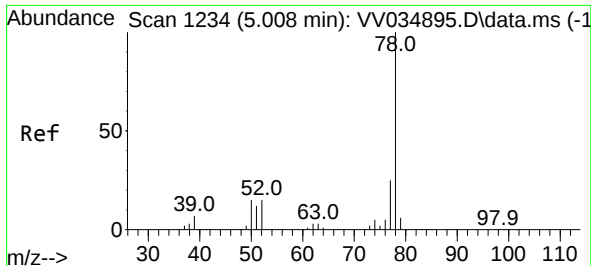
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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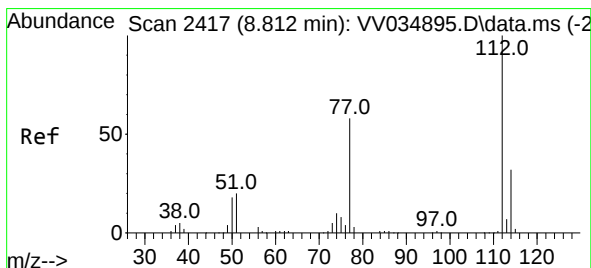
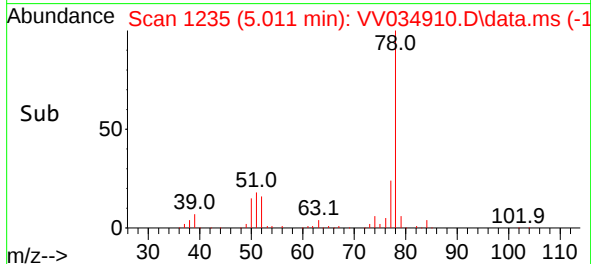
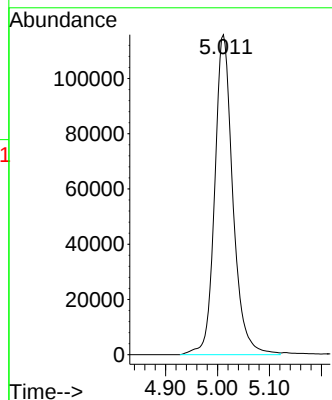
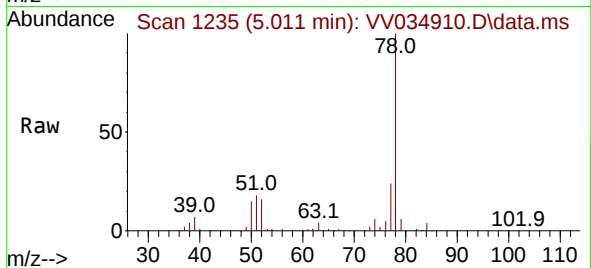




#33
Benzene
Concen: 25.716 ug/L
RT: 5.011 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV034910.D
Acq: 29 Mar 2024 17:01

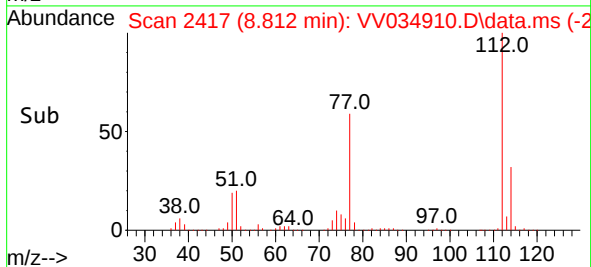
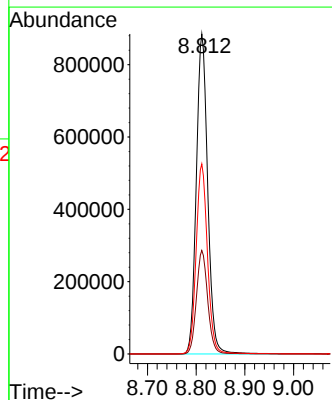
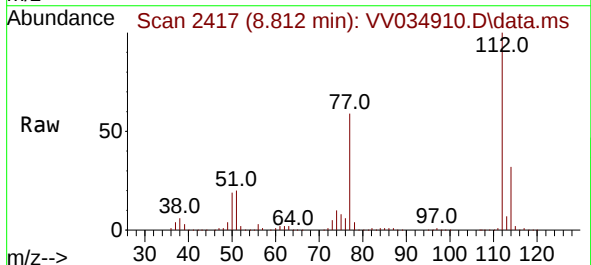
Instrument :
MSVOA_V
ClientSampleId :
C0R41

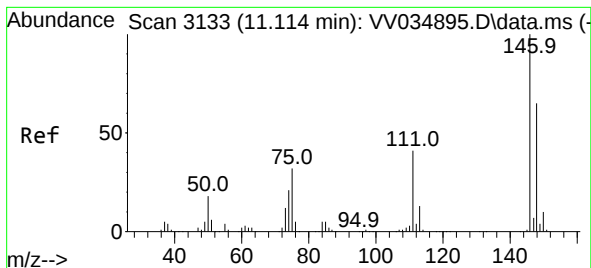
Tgt Ion: 78 Resp: 281665



#51
Chlorobenzene
Concen: 193.272 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. -0.000 min
Lab File: VV034910.D
Acq: 29 Mar 2024 17:01

Tgt Ion: 112 Resp: 1436371
Ion Ratio Lower Upper
112 100
114 32.4 22.0 41.0
77 59.4 47.4 71.2





#64

1,3-Dichlorobenzene

Concen: 11.225 ug/L

RT: 11.117 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV034910.D

Acq: 29 Mar 2024 17:01

Instrument :

MSVOA_V

ClientSampleId :

C0R41

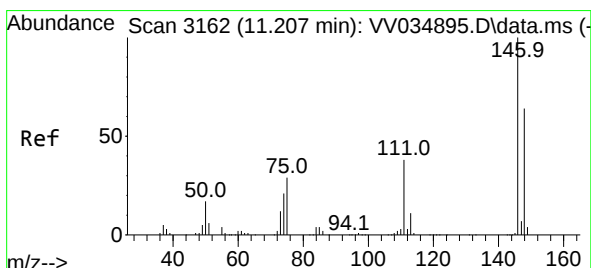
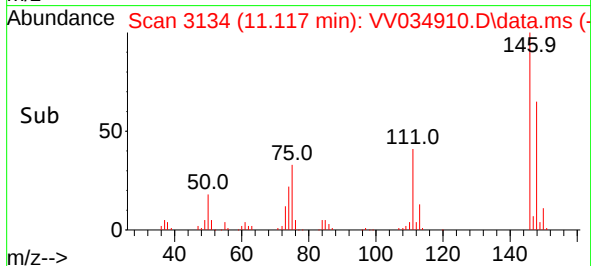
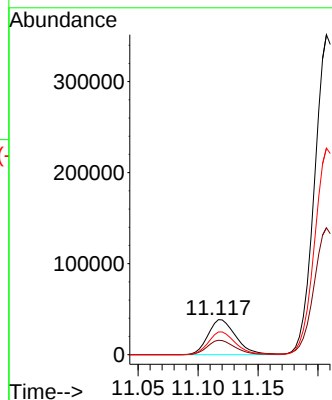
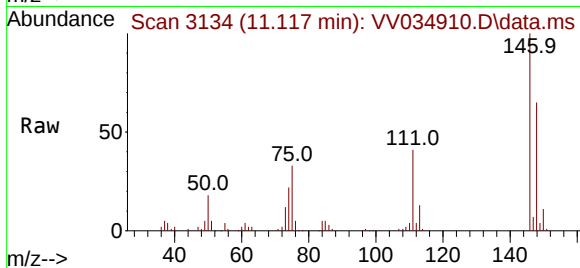
Tgt Ion:146 Resp: 62402

Ion Ratio Lower Upper

146 100

111 41.3 28.7 53.3

148 64.8 44.0 81.8



#65

1,4-Dichlorobenzene

Concen: 94.716 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. -0.000 min

Lab File: VV034910.D

Acq: 29 Mar 2024 17:01

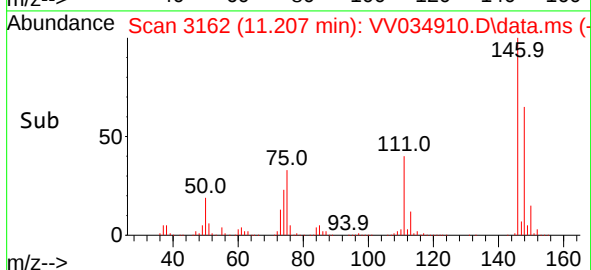
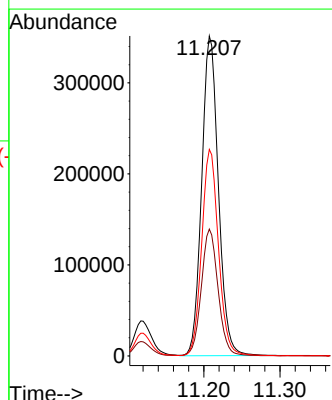
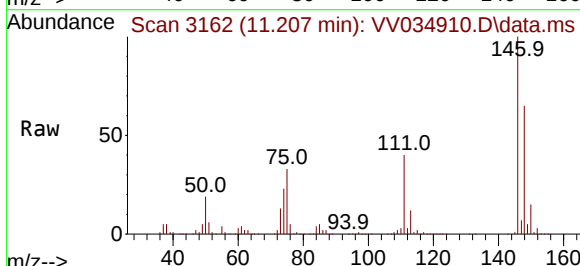
Tgt Ion:146 Resp: 535445

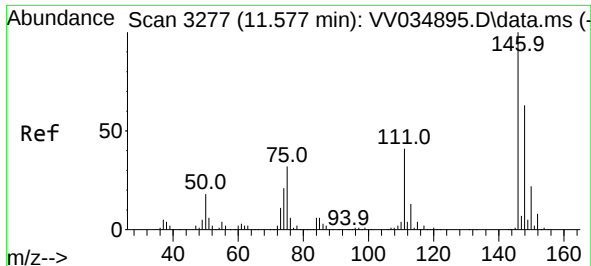
Ion Ratio Lower Upper

146 100

111 39.6 27.4 50.8

148 64.6 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 116.405 ug/L

RT: 11.577 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV034910.D

Acq: 29 Mar 2024 17:01

Instrument :

MSVOA_V

ClientSampleId :

C0R41

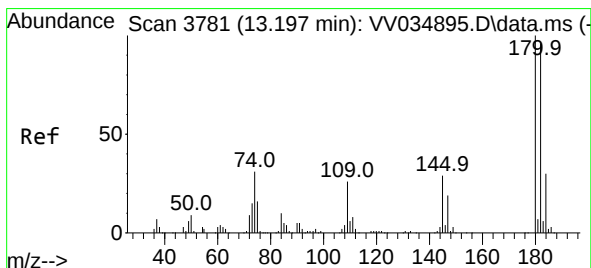
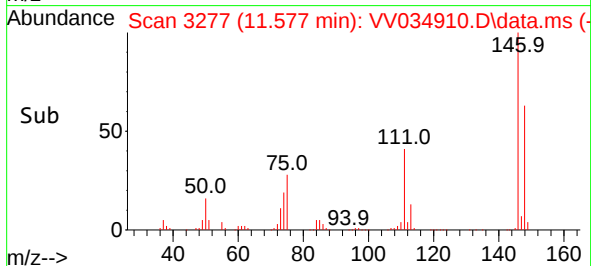
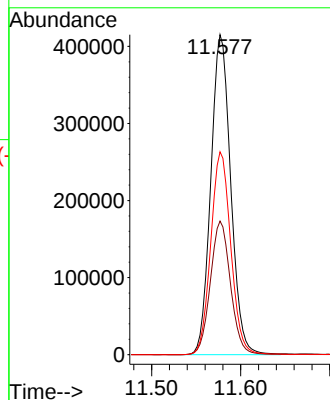
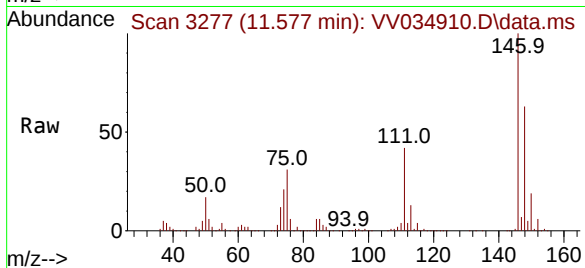
Tgt Ion:146 Resp: 644631

Ion Ratio Lower Upper

146 100

111 41.8 34.6 52.0

148 63.4 51.5 77.3



#70

1,2,4-trichlorobenzene

Concen: 25.173 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. -0.000 min

Lab File: VV034910.D

Acq: 29 Mar 2024 17:01

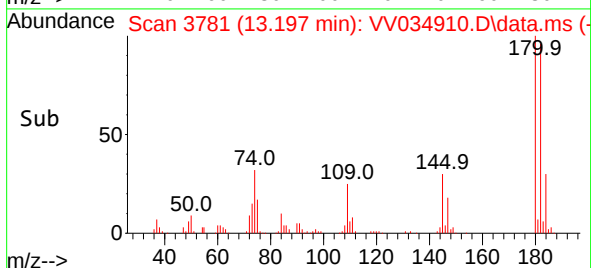
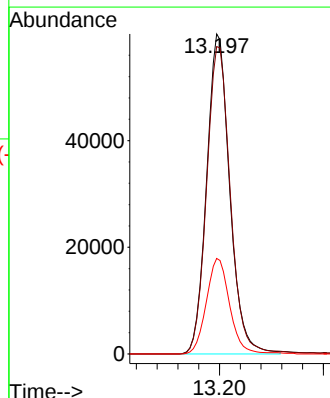
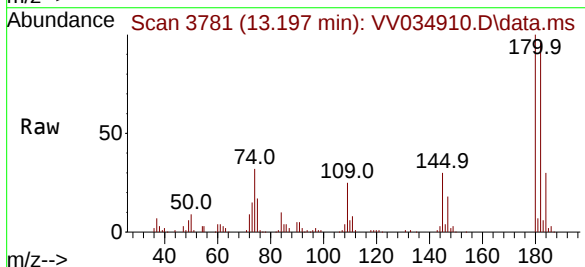
Tgt Ion:180 Resp: 92641

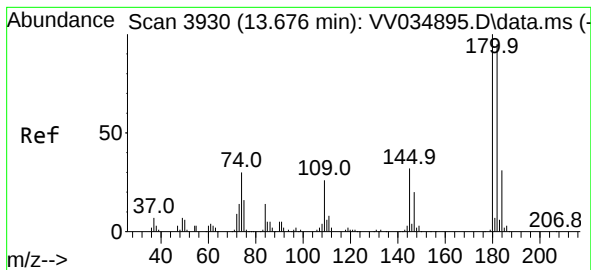
Ion Ratio Lower Upper

180 100

182 98.0 75.6 113.4

145 30.2 24.1 36.1





#72

1,2,3-Trichlorobenzene

Concen: 5.666 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. 0.003 min

Lab File: VV034910.D

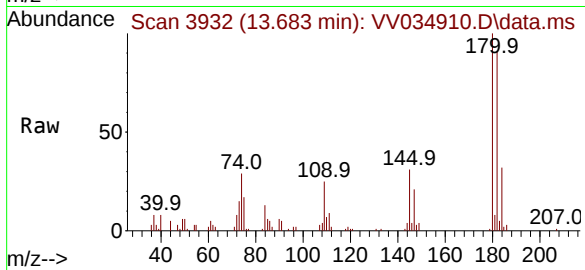
Acq: 29 Mar 2024 17:01

Instrument :

MSVOA_V

ClientSampleId :

C0R41



Tgt Ion:180 Resp: 20555

Ion Ratio Lower Upper

180 100

182 93.0 76.2 114.2

145 31.1 25.8 38.6

