

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)

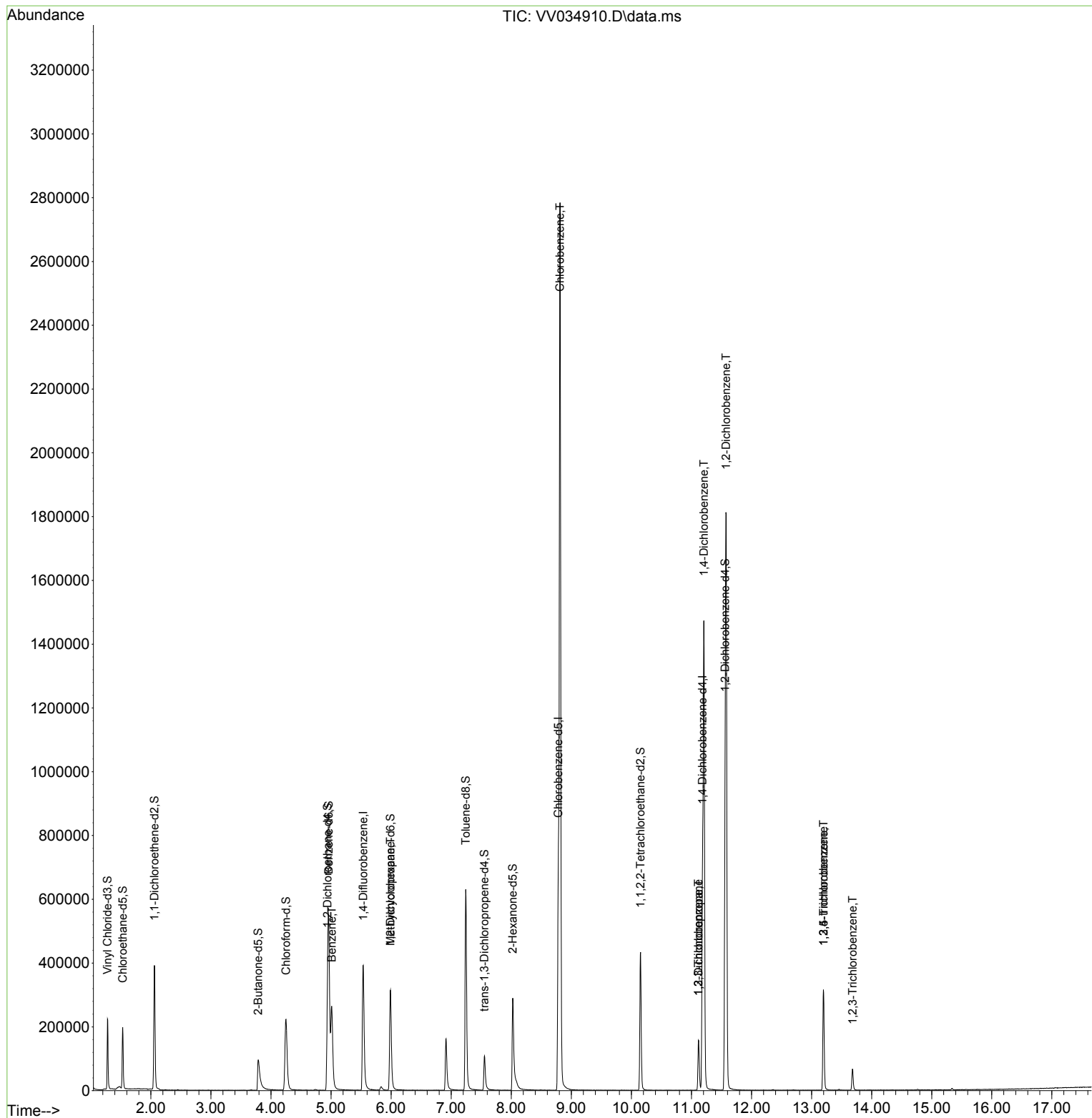
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	343609	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	335885	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	165007	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	142429	42.921	ug/L	0.00
Spiked Amount 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
35) Methylcyclohexane	5.989	83	36235	8.117	ug/L #	20
51) Chlorobenzene	8.812	112	1436371	193.272	ug/L	99
61) 1,2,3-Trichloropropane	11.117	75	20074	5.614	ug/L #	50
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
69) 1,3,5-Trichlorobenzene	13.197	180	92641	23.123	ug/L	97
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

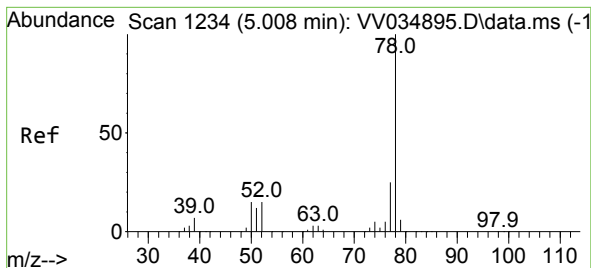
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 29 00:23:40 2024
Response via : Initial Calibration





#33

Benzene

Concen: 25.716 ug/L

RT: 5.011 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV034910.D

Acq: 29 Mar 2024 17:01

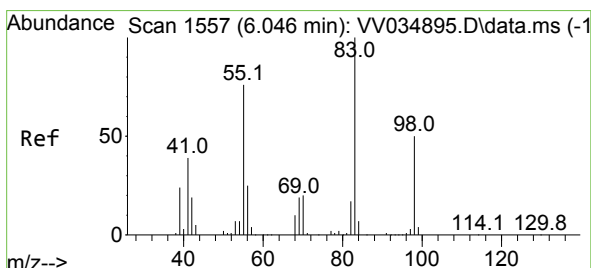
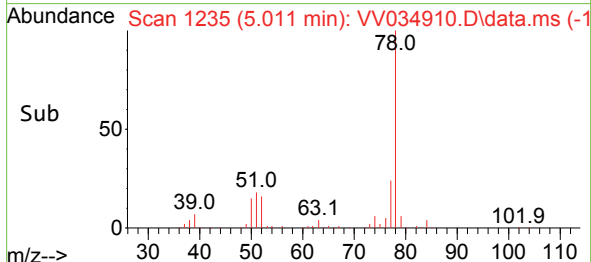
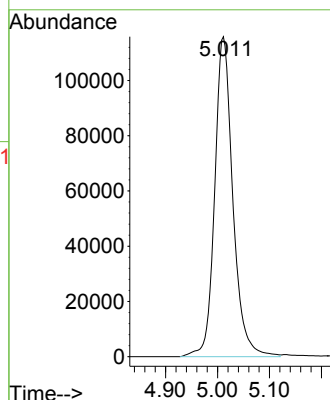
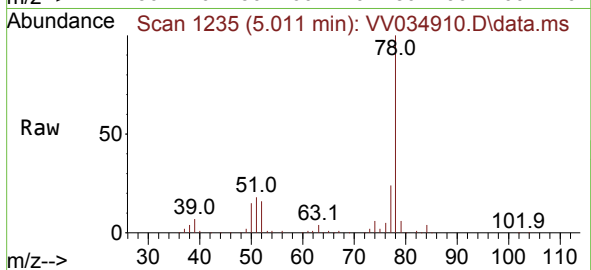
Instrument :

MSVOA_V

ClientSampleId :

C0R41

Tgt Ion: 78 Resp: 281665



#35

Methylcyclohexane

Concen: 8.117 ug/L

RT: 5.989 min Scan# 1539

Delta R.T. -0.061 min

Lab File: VV034910.D

Acq: 29 Mar 2024 17:01

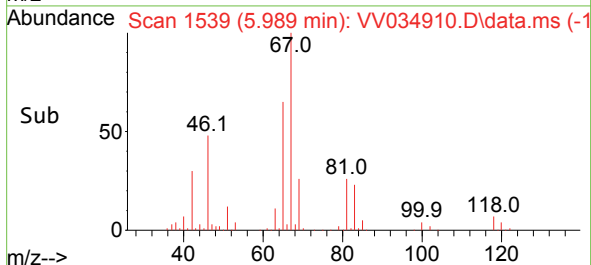
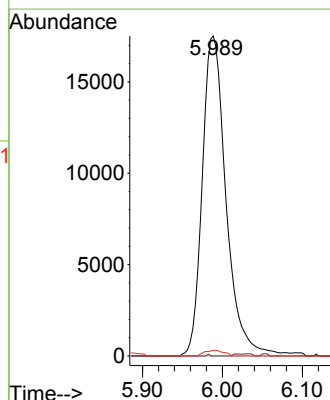
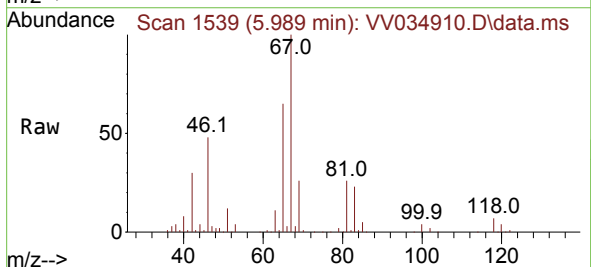
Tgt Ion: 83 Resp: 36235

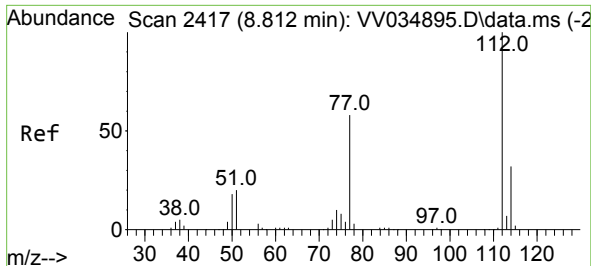
Ion Ratio Lower Upper

83 100

55 0.2 60.0 90.0#

98 1.4 37.6 56.4#

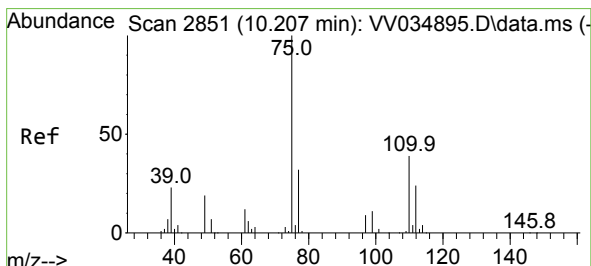
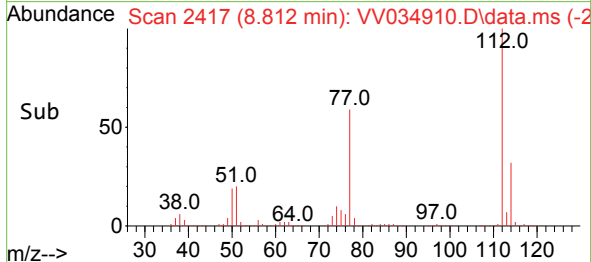
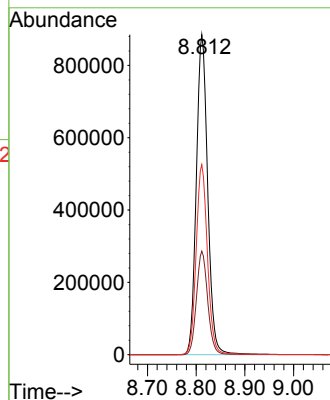
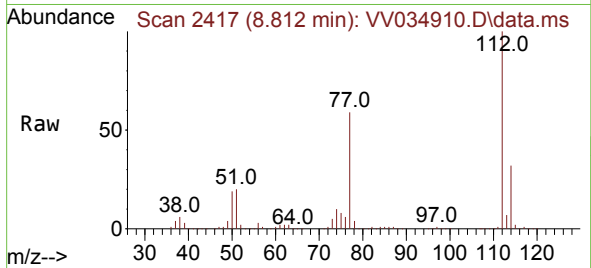




#51
Chlorobenzene
Concen: 193.272 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. -0.000 min
Lab File: VV034910.D
Acq: 29 Mar 2024 17:01

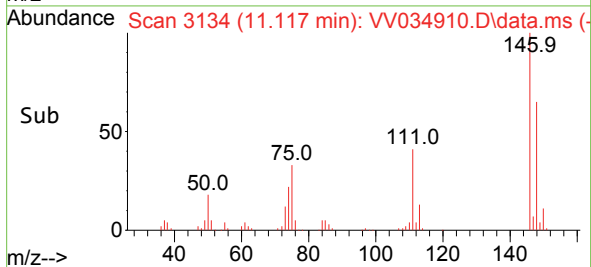
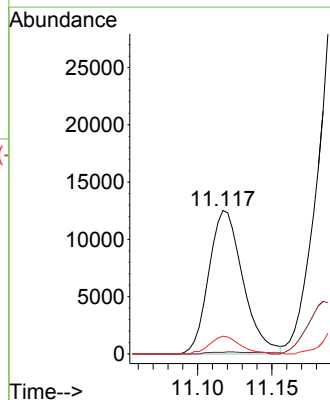
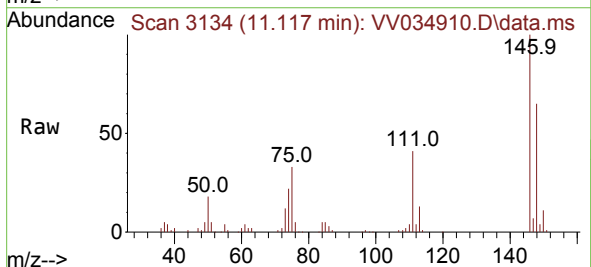
Instrument :
MSVOA_V
ClientSampleId :
C0R41

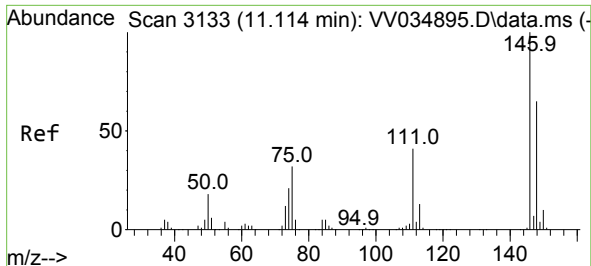
Tgt Ion:112 Resp: 1436371
Ion Ratio Lower Upper
112 100
114 32.4 22.0 41.0
77 59.4 47.4 71.2



#61
1,2,3-Trichloropropane
Concen: 5.614 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. 0.910 min
Lab File: VV034910.D
Acq: 29 Mar 2024 17:01

Tgt Ion: 75 Resp: 20074
Ion Ratio Lower Upper
75 100
77 1.4 26.0 39.0#
110 11.0 30.5 45.7#

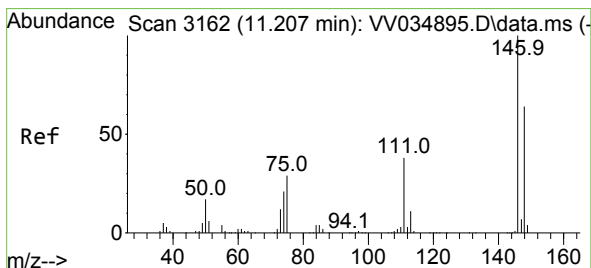
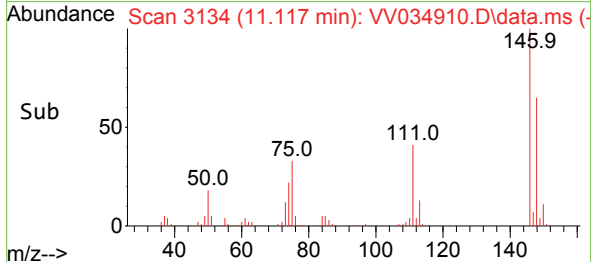
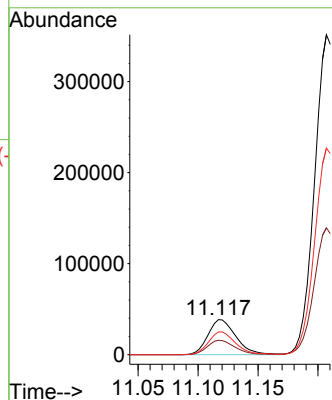
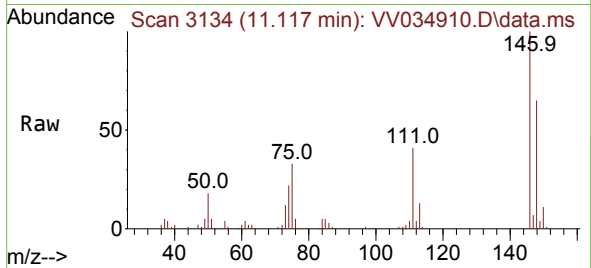




#64
1,3-Dichlorobenzene
Concen: 11.225 ug/L
RT: 11.117 min Scan# 3133
Delta R.T. 0.003 min
Lab File: VV034910.D
Acq: 29 Mar 2024 17:01

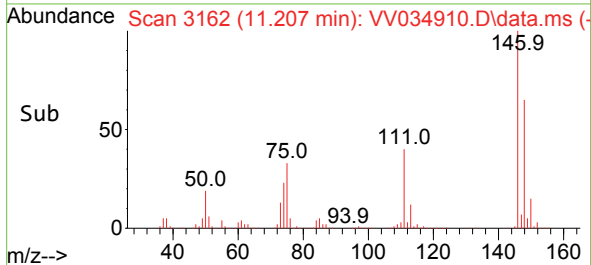
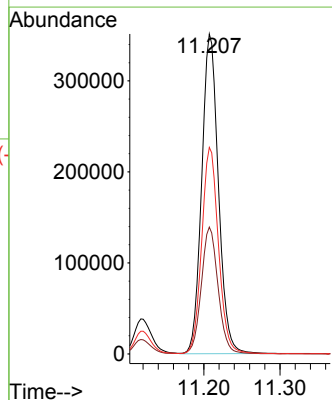
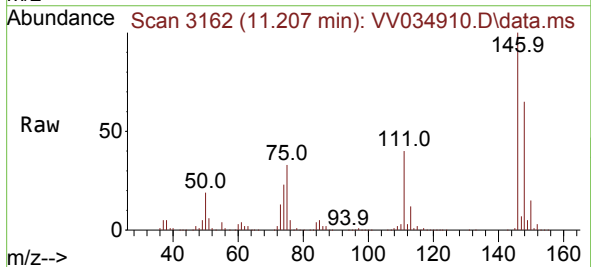
Instrument :
MSVOA_V
ClientSampleId :
C0R41

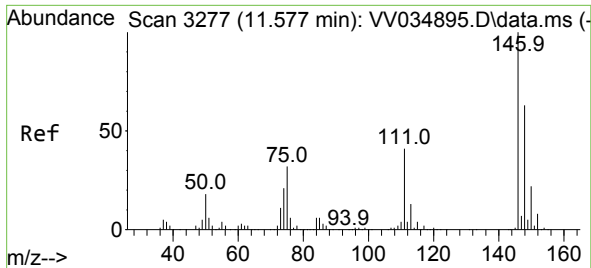
Tgt Ion:146 Resp: 62402
Ion Ratio Lower Upper
146 100
111 41.3 28.7 53.3
148 64.8 44.0 81.8



#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

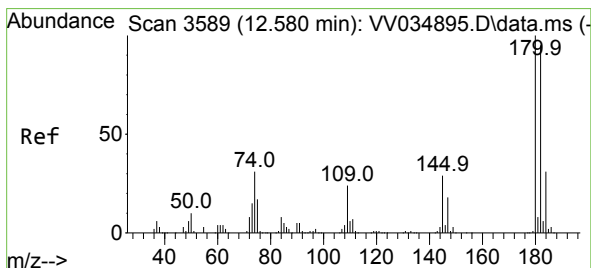
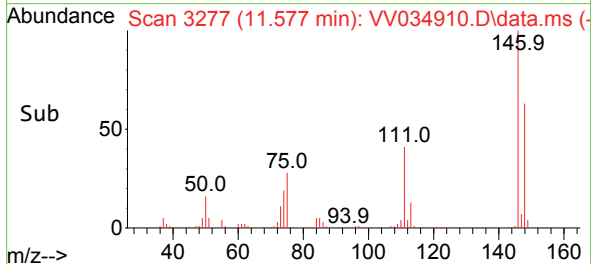
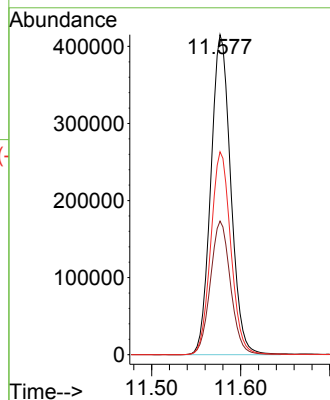
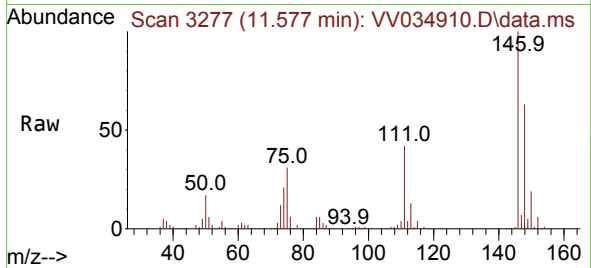




#67
1,2-Dichlorobenzene
Concen: 116.405 ug/L
RT: 11.577 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV034910.D
Acq: 29 Mar 2024 17:01

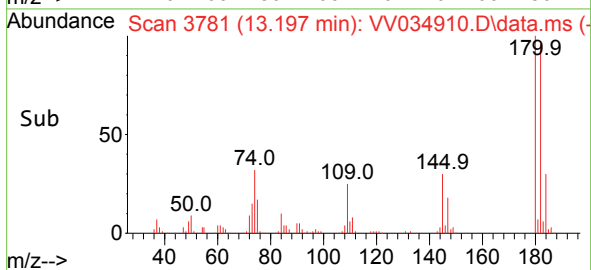
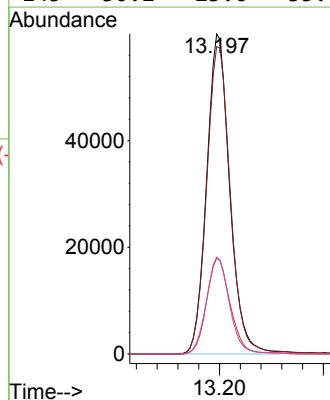
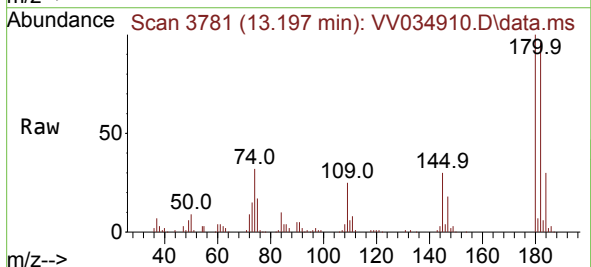
Instrument :
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ClientSampleId :
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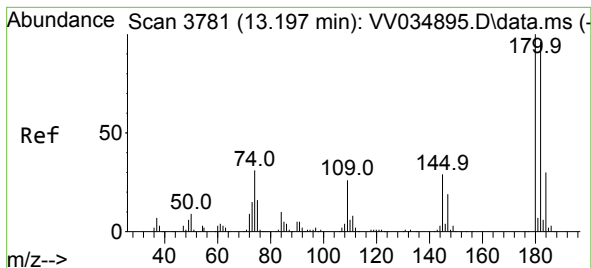
Tgt Ion:146 Resp: 644631
Ion Ratio Lower Upper
146 100
111 41.8 34.6 52.0
148 63.4 51.5 77.3



#69
1,3,5-Trichlorobenzene
Concen: 23.123 ug/L
RT: 13.197 min Scan# 3781
Delta R.T. 0.617 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 74.7 112.1
184 30.5 24.0 36.0
145 30.2 23.6 35.4





#70

1,2,4-trichlorobenzene

Concen: 25.173 ug/L

RT: 13.197 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV034910.D

Acq: 29 Mar 2024 17:01

Instrument :

MSVOA_V

ClientSampleId :

C0R41

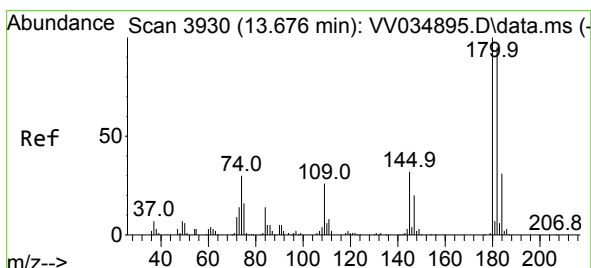
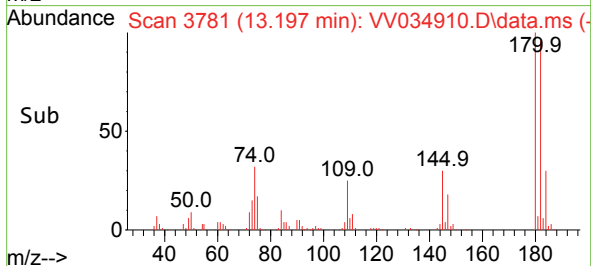
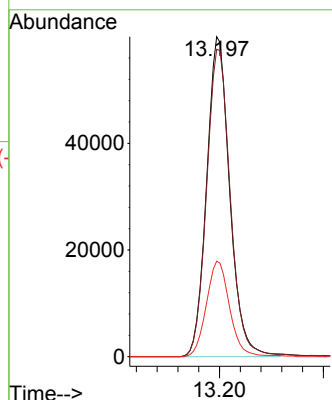
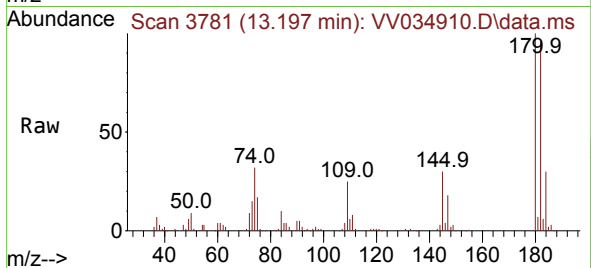
Tgt Ion:180 Resp: 92641

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

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

