Quantitation Report (Not Reviewed)

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 :

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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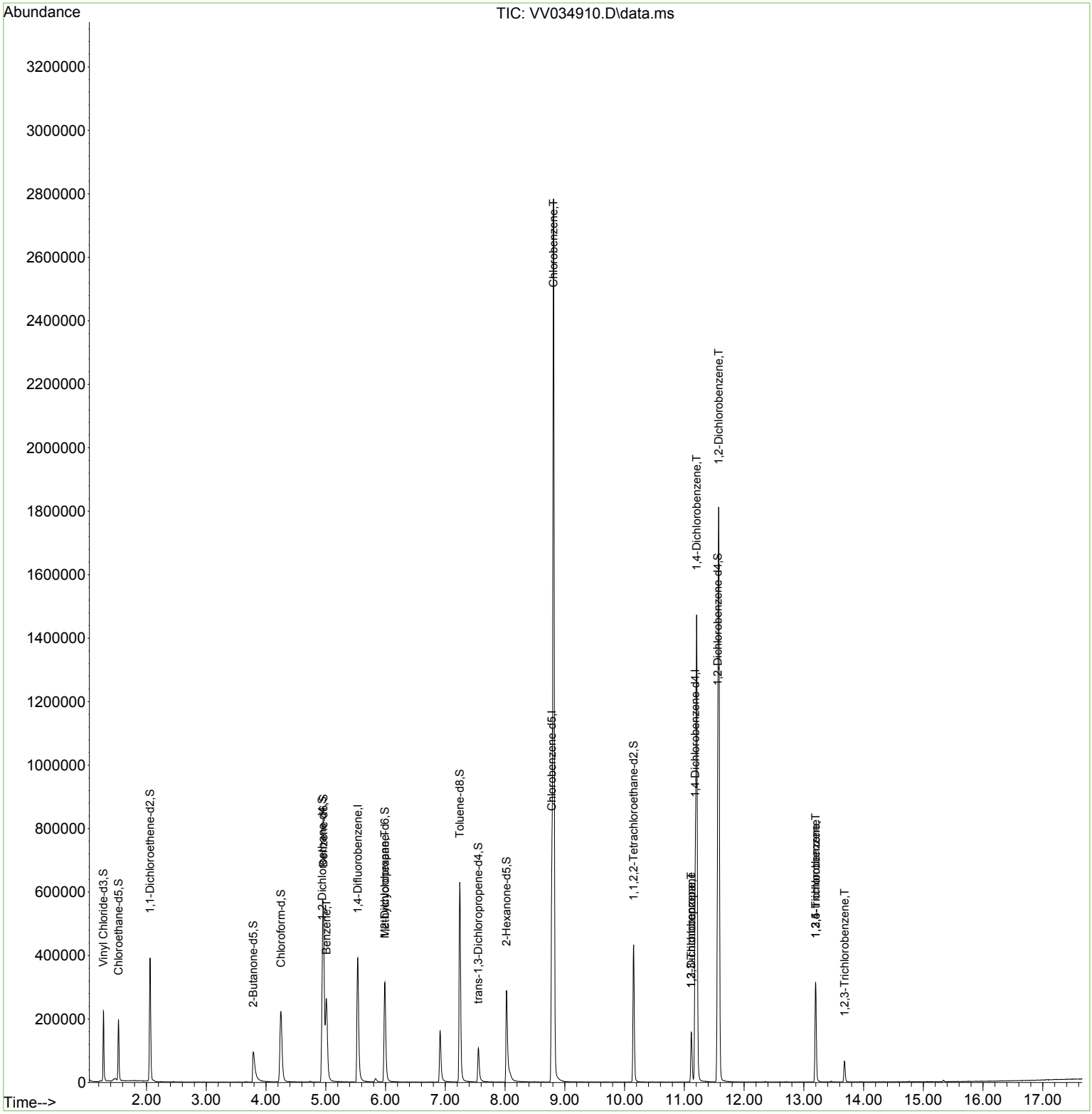
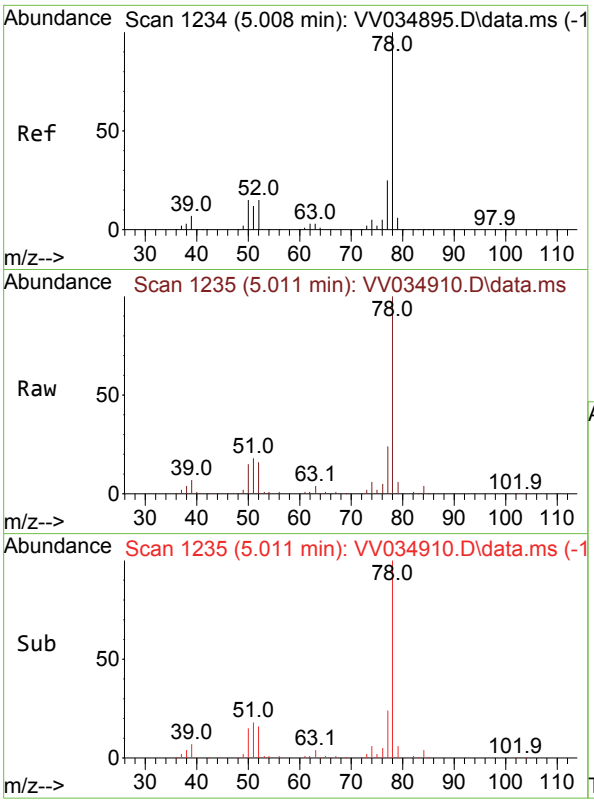
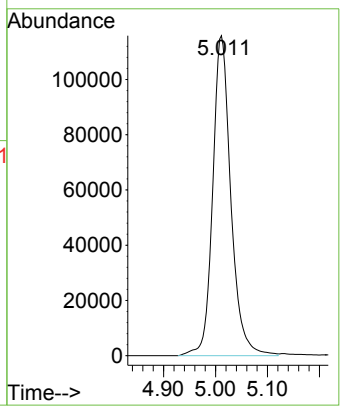


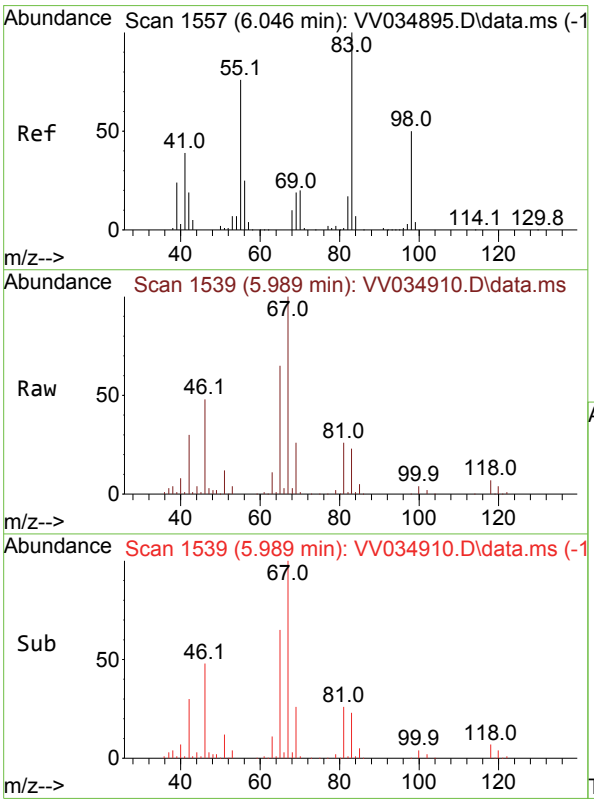


#33
Benzene
Concen: 25.716 ug/L
RT: 5.011 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV034910.D
Acq: 29 Mar 2024 17:01

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 78 Resp: 281665

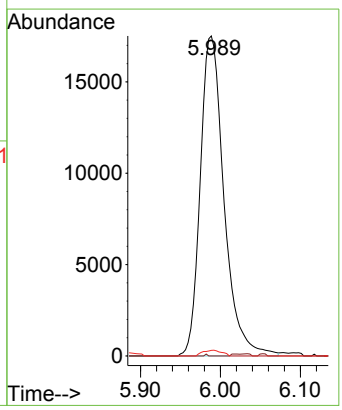


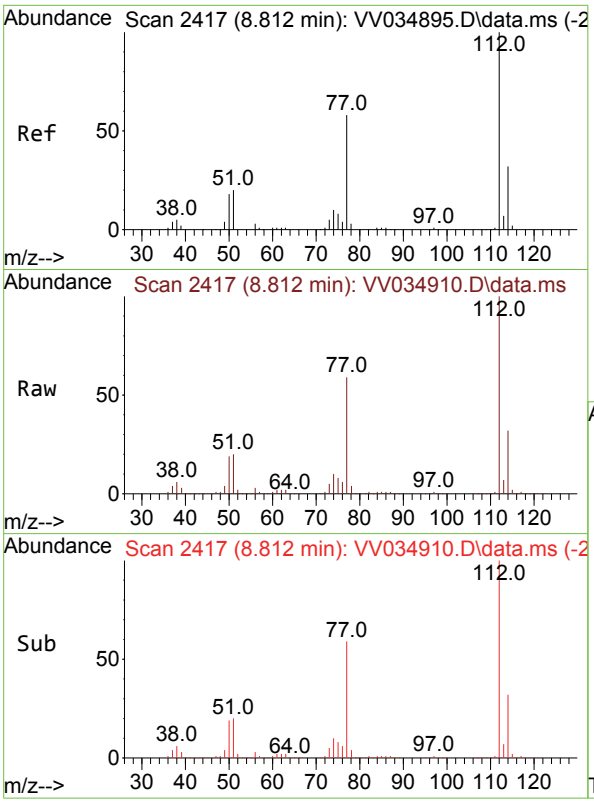


#35
Methylcyclohexane
Concen: 8.117 ug/L
RT: 5.989 min Scan# 1539
Delta R.T. -0.061 min
Lab File: VV034910.D
Acq: 29 Mar 2024 17:01

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#



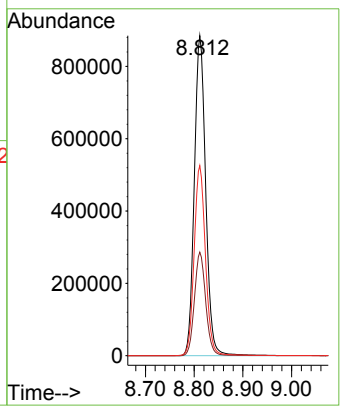


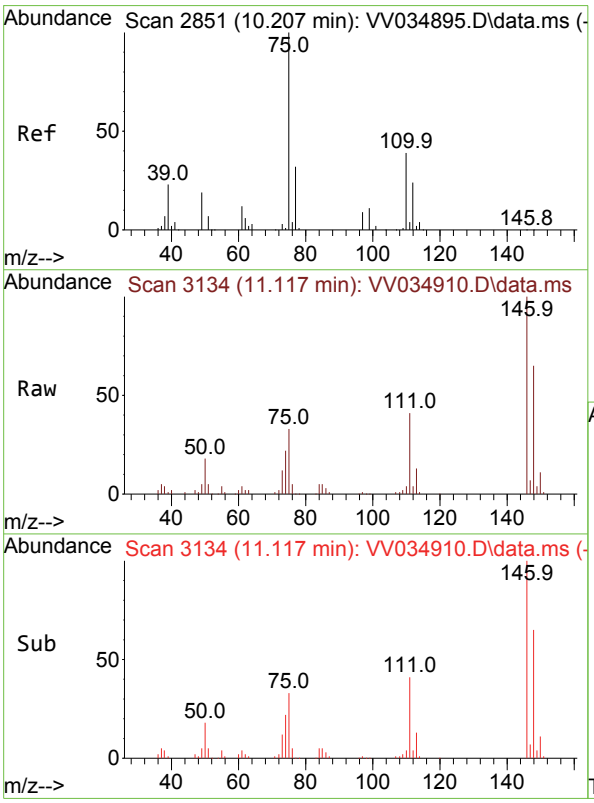
#51
Chlorobenzene
Concen: 193.272 ug/L
RT: 8.812 min Scan# 24
Delta R.T. -0.000 min
Lab File: VV034910.D
Acq: 29 Mar 2024 17:01

Instrument :
MSVOA_V
ClientSampleId :

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

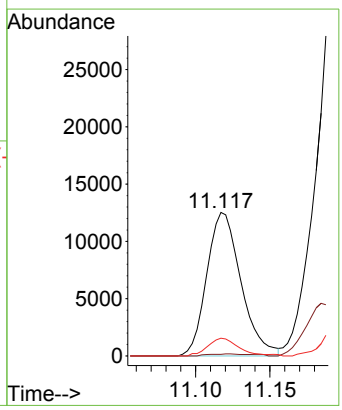


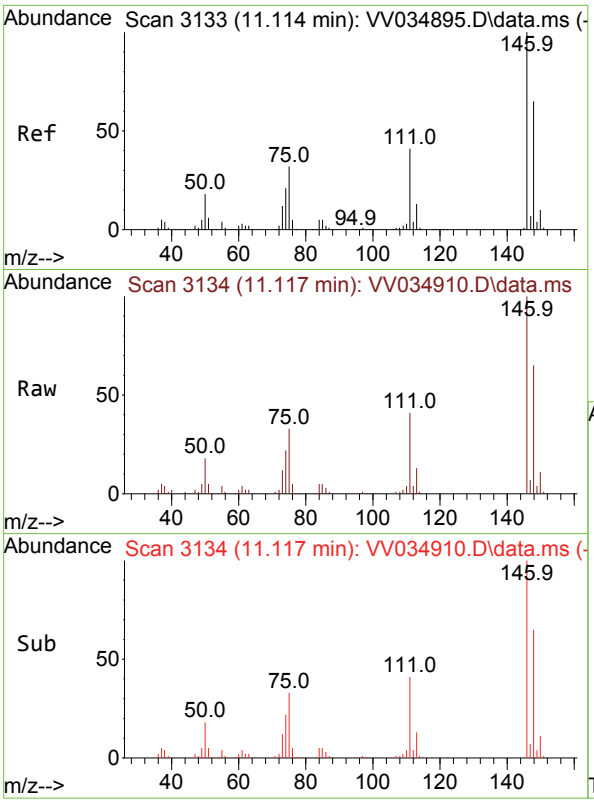


#61
1,2,3-Trichloropropane
Concen: 5.614 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. 0.910 min
Lab File: VV034910.D
Acq: 29 Mar 2024 17:01

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#



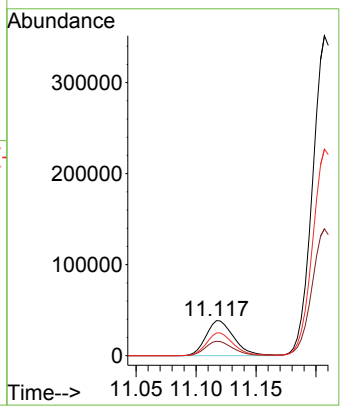


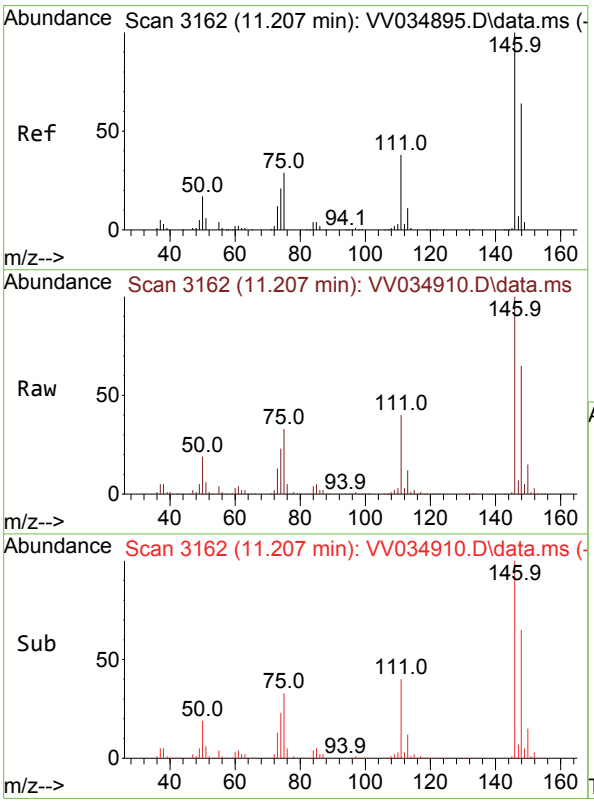
#64
1,3-Dichlorobenzene
Concen: 11.225 ug/L
RT: 11.117 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV034910.D
Acq: 29 Mar 2024 17:01

Instrument :
MSVOA_V
ClientSampleId :

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

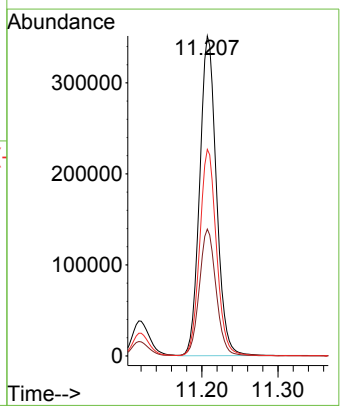


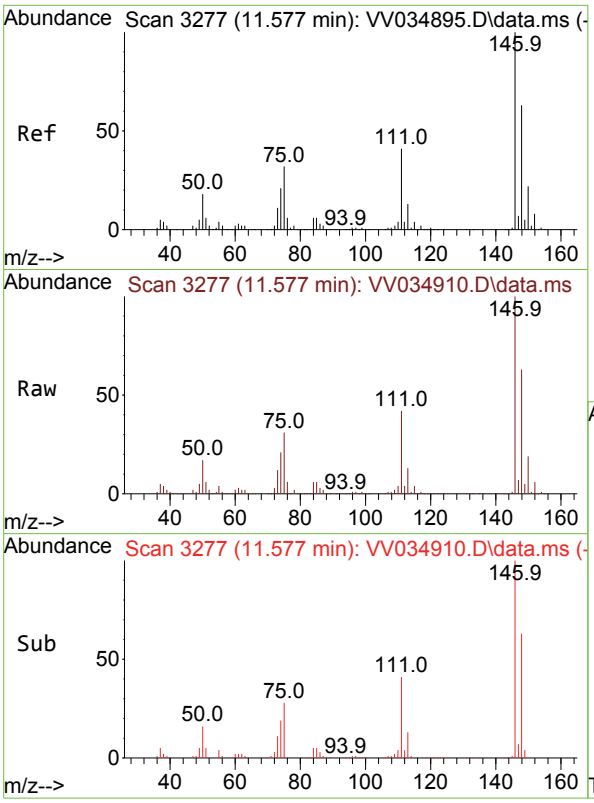


#65
1,4-Dichlorobenzene
Concen: 94.716 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. -0.000 min
Lab File: VV034910.D
Acq: 29 Mar 2024 17:01

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



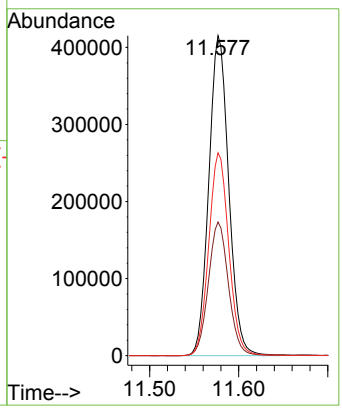


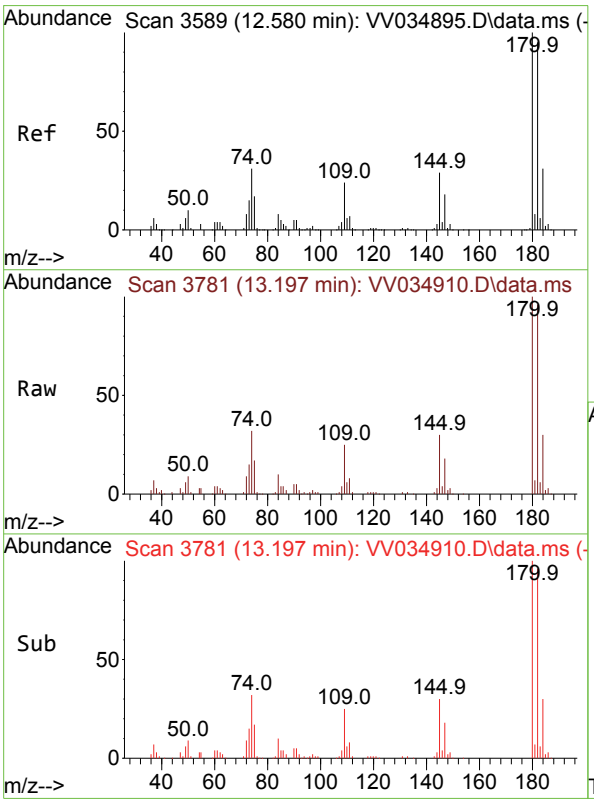
#67
1,2-Dichlorobenzene
Concen: 116.405 ug/L
RT: 11.577 min Scan# 3
Delta R.T. -0.000 min
Lab File: VV034910.D
Acq: 29 Mar 2024 17:01

Instrument :
MSVOA_V
ClientSampleId :

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

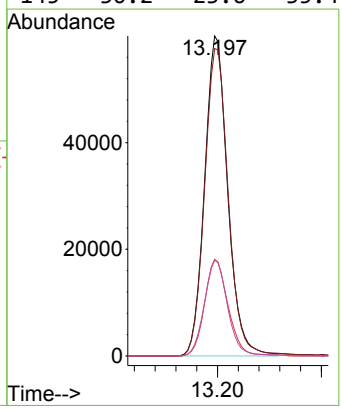


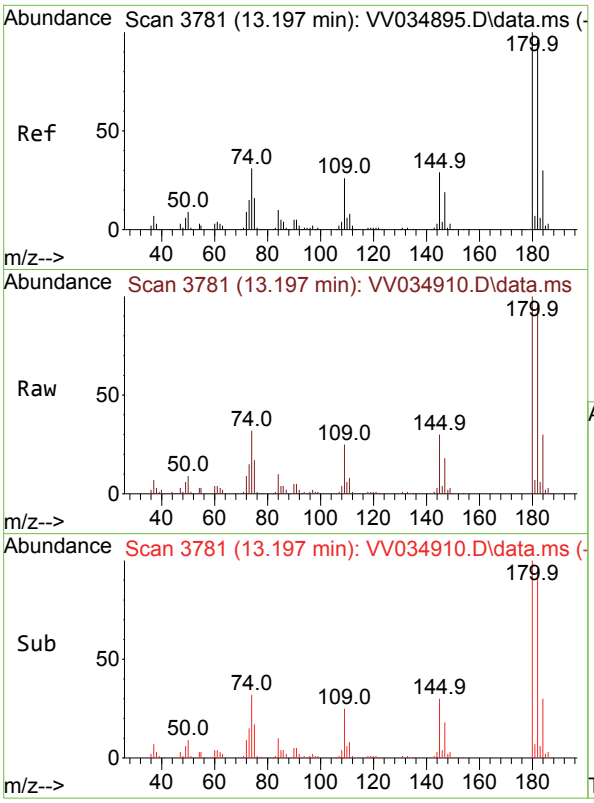


#69
1,3,5-Trichlorobenzene
Concen: 23.123 ug/L
RT: 13.197 min Scan# 3781
Delta R.T. 0.617 min
Lab File: VV034910.D
Acq: 29 Mar 2024 17:01

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



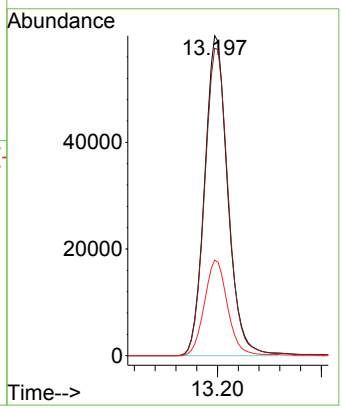


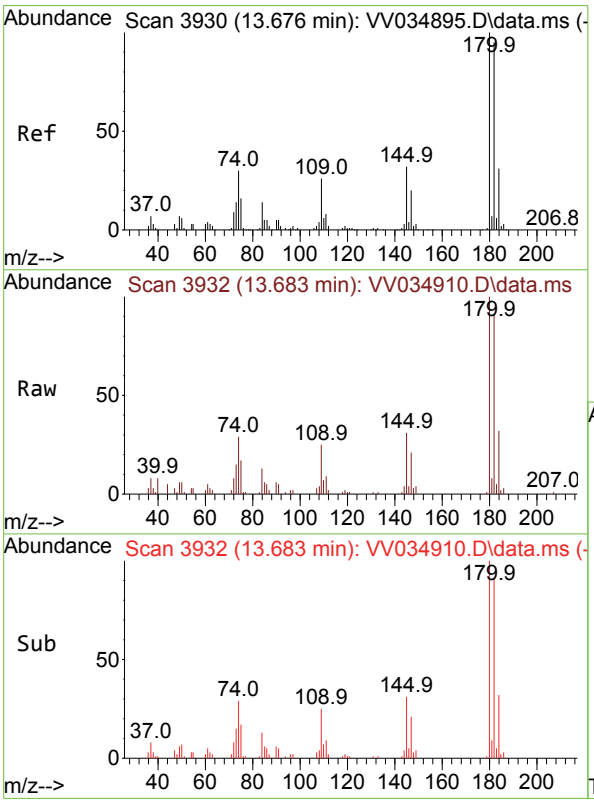
#70
1,2,4-trichlorobenzene
Concen: 25.173 ug/L
RT: 13.197 min Scan# 3
Delta R.T. -0.000 min
Lab File: VV034910.D
Acq: 29 Mar 2024 17:01

Instrument :
MSVOA_V
ClientSampleId :

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