Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091523\
Data File : VV032134.D
Acq On : 15 Sep 2023 20:29
Operator : SY/MD
Sample : 04440-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Sep 16 02:16:56 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Sep 16 02:09:37 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	192713	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	181222	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	88179	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	74691	61.929	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 123.860%			
7) Chloroethane-d5	1.529	69	60375	57.105	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 114.220%			
11) 1,1-Dichloroethene-d2	2.060	65	29870	52.891	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 105.780%			
21) 2-Butanone-d5	3.789	46	98352	103.685	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 103.680%			
24) Chloroform-d	4.253	84	124416	47.196	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.400%			
26) 1,2-Dichloroethane-d4	4.944	65	79783	45.605	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.220%			
32) Benzene-d6	4.963	84	262136	53.010	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 106.020%			
36) 1,2-Dichloropropane-d6	5.992	67	86464	54.324	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 108.640%			
41) Toluene-d8	7.246	98	231576	50.825	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.640%			
43) trans-1,3-Dichloroprop...	7.555	79	37177	45.065	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 90.140%			
47) 2-Hexanone-d5	8.027	63	62553	128.227	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 128.230%			
56) 1,1,2,2-Tetrachloroeth...	10.156	84	110914	53.926	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 107.860%			
66) 1,2-Dichlorobenzene-d4	11.564	152	84405	52.508	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 105.020%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.060	96	908	0.899	ug/L #	1
16) Methylene chloride	2.452	84	3516	2.709	ug/L	87
35) Methylcyclohexane	5.992	83	19389	9.789	ug/L #	19
39) cis-1,3-Dichloropropene	6.921	75	2453	1.022	ug/L #	60
65) 1,4-Dichlorobenzene	11.217	146	1772	0.658	ug/L	92
69) 1,3,5-Trichlorobenzene	13.210	180	2686	1.392	ug/L	98
70) 1,2,4-trichlorobenzene	13.210	180	2686	1.450	ug/L	97
71) Naphthalene	13.445	128	26822	4.533	ug/L	98
72) 1,2,3-Trichlorobenzene	13.686	180	3590	2.023	ug/L	96

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

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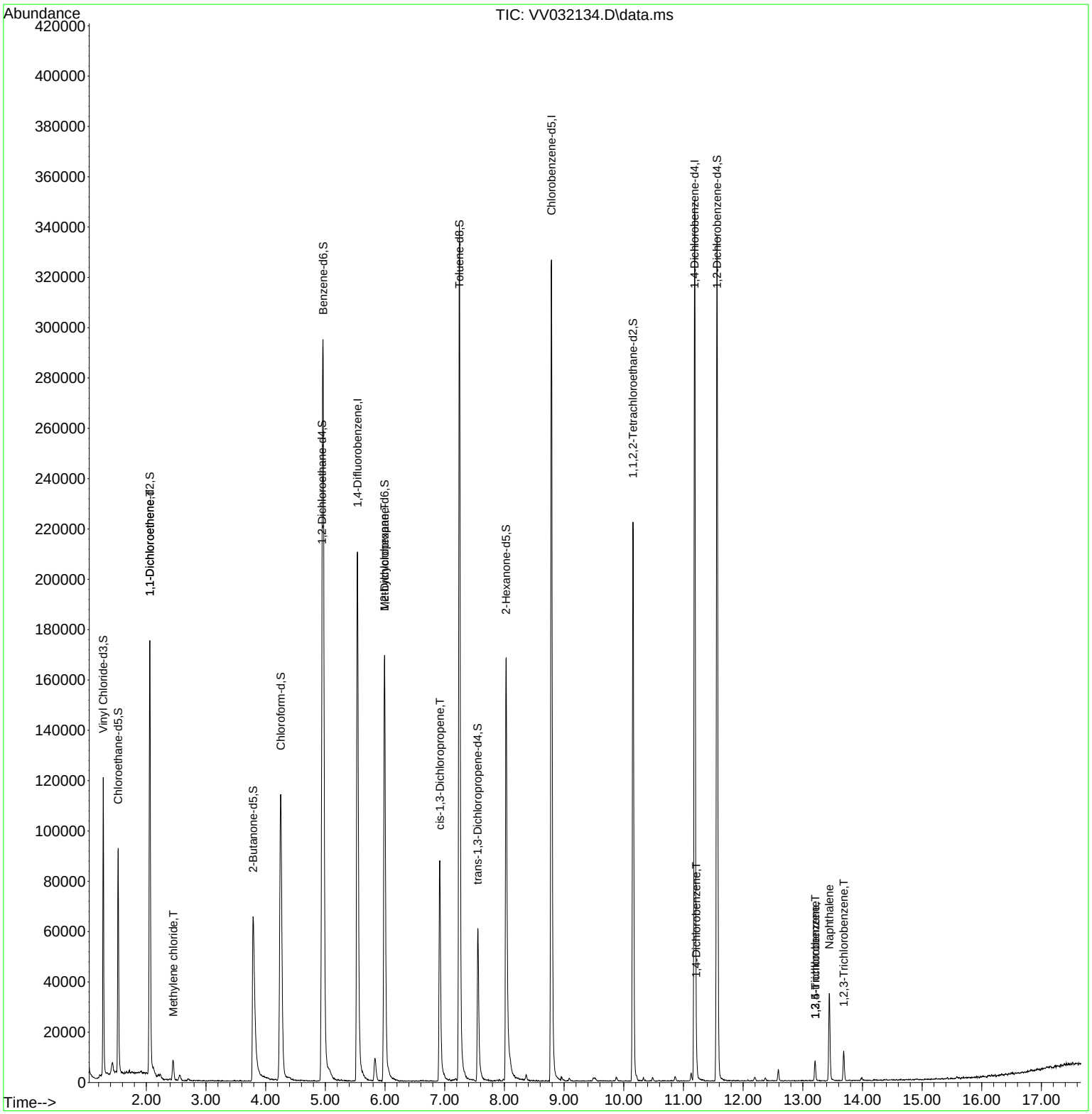
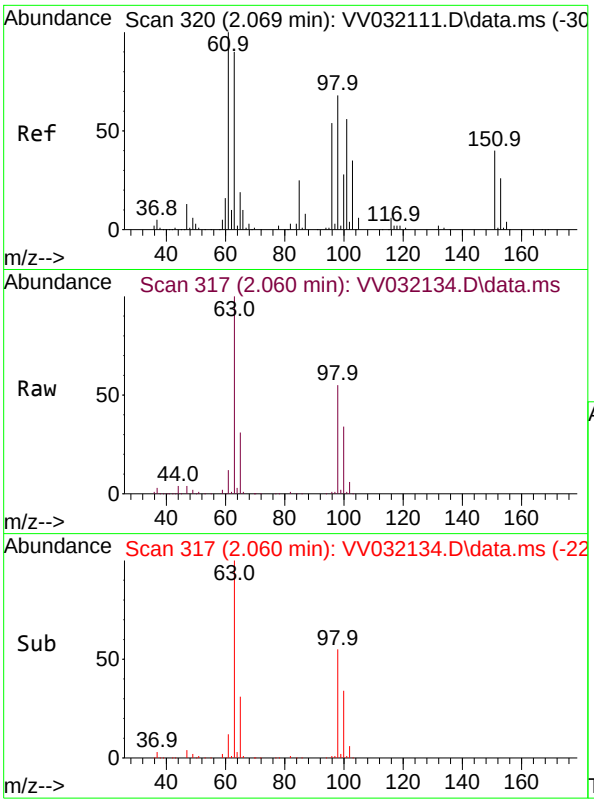


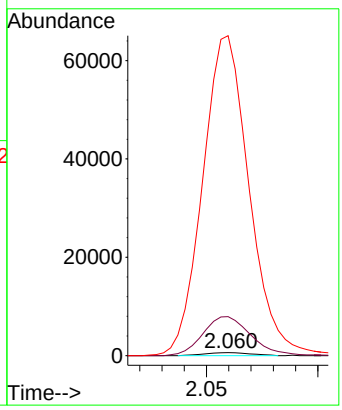


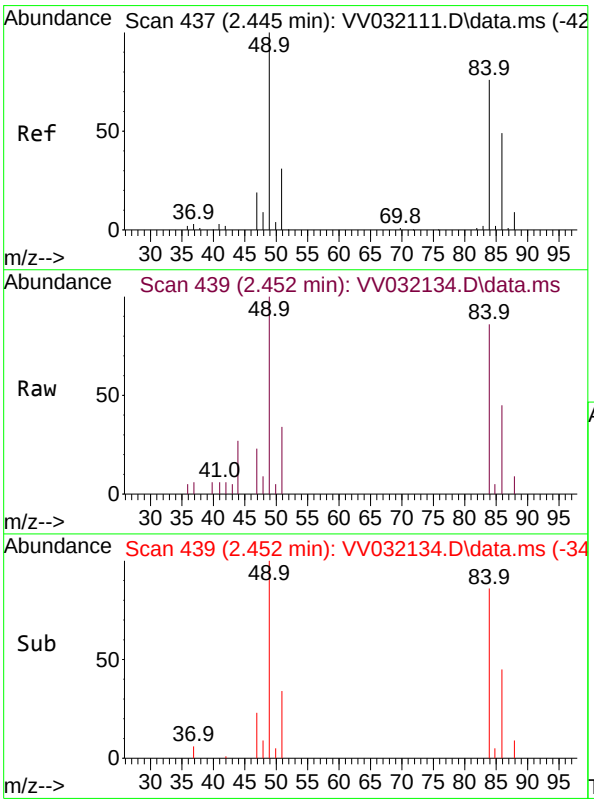
#12
1,1-Dichloroethene
Concen: 0.899 ug/L
RT: 2.060 min Scan# 3
Delta R.T. -0.010 min
Lab File: VV032134.D
Acq: 15 Sep 2023 20:29

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 908

Ion	Ratio	Lower	Upper
96	100		
61	1266.5	133.8	248.6#
63	10393.6	115.2	214.0#

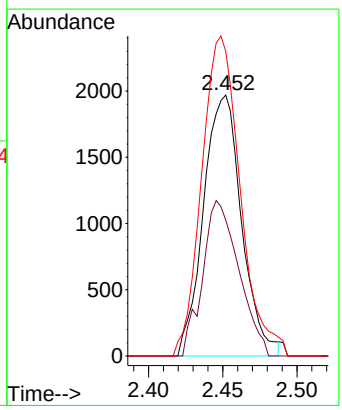


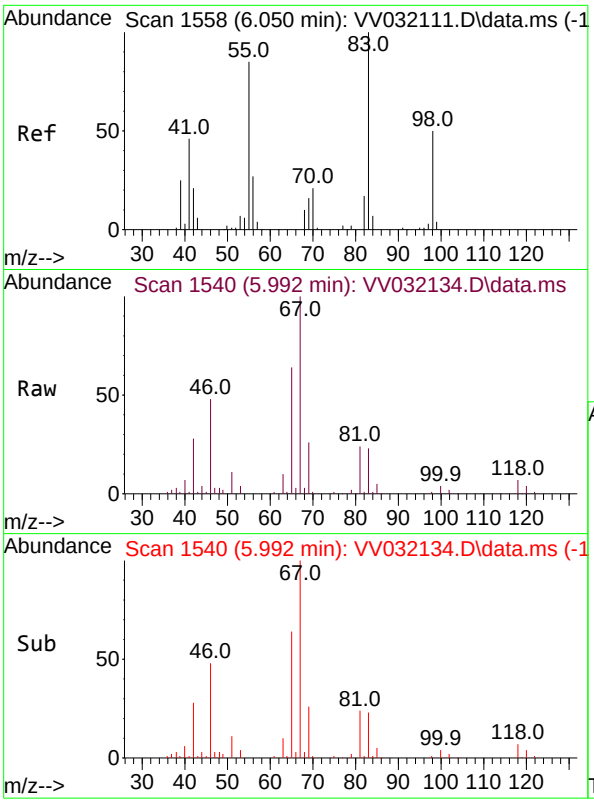


#16
Methylene chloride
Concen: 2.709 ug/L
RT: 2.452 min Scan# 439
Delta R.T. 0.006 min
Lab File: VV032134.D
Acq: 15 Sep 2023 20:29

Tgt Ion: 84 Resp: 3516

Ion	Ratio	Lower	Upper
84	100		
86	52.1	44.6	82.8
49	116.8	91.6	170.2



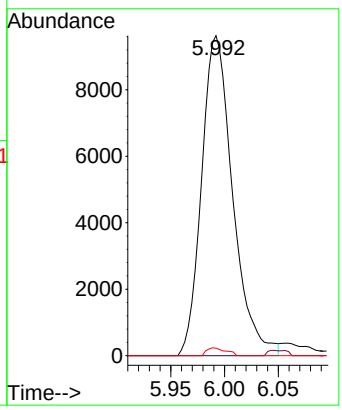


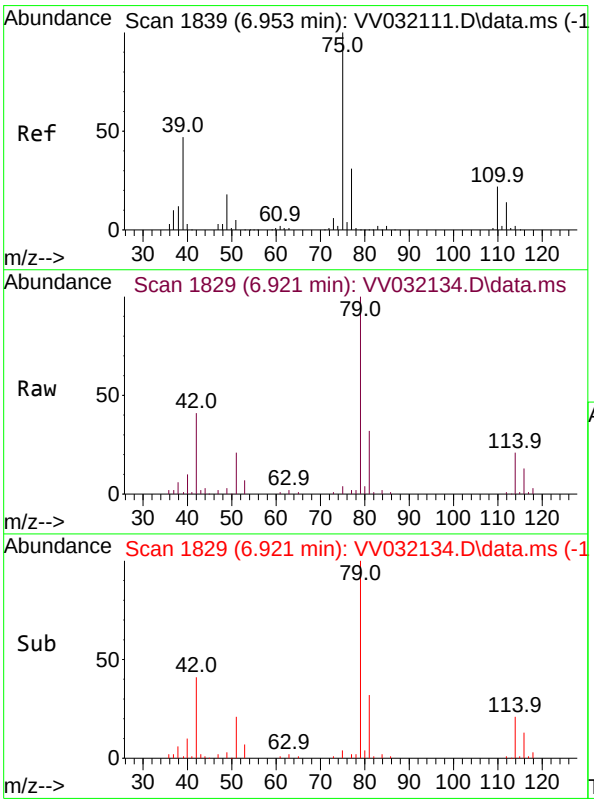
#35
Methylcyclohexane
Concen: 9.789 ug/L
RT: 5.992 min Scan# 1
Delta R.T. -0.058 min
Lab File: VV032134.D
Acq: 15 Sep 2023 20:29

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 19389

Ion	Ratio	Lower	Upper
83	100		
55	0.6	62.2	93.2#
98	1.5	36.7	55.1#

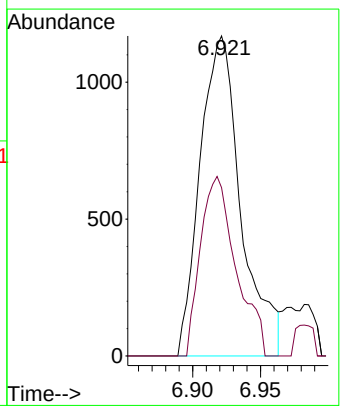


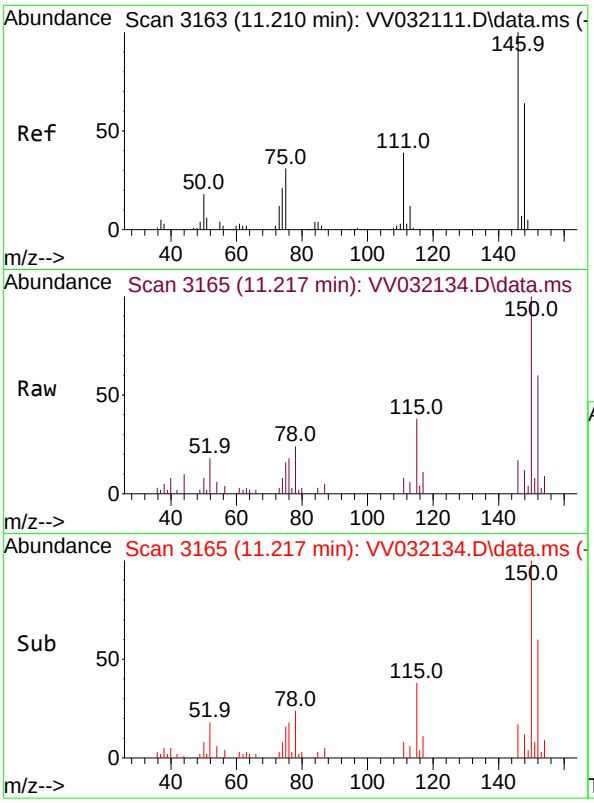


#39
cis-1,3-Dichloropropene
Concen: 1.022 ug/L
RT: 6.921 min Scan# 1829
Delta R.T. -0.032 min
Lab File: VV032134.D
Acq: 15 Sep 2023 20:29

Tgt Ion: 75 Resp: 2453

Ion	Ratio	Lower	Upper
75	100		
77	52.6	21.4	39.8#



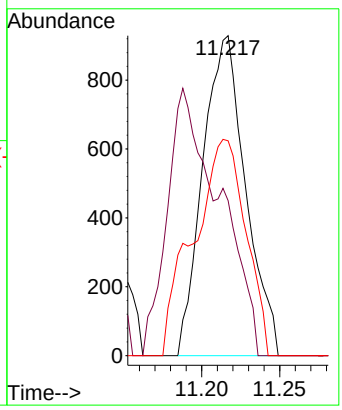


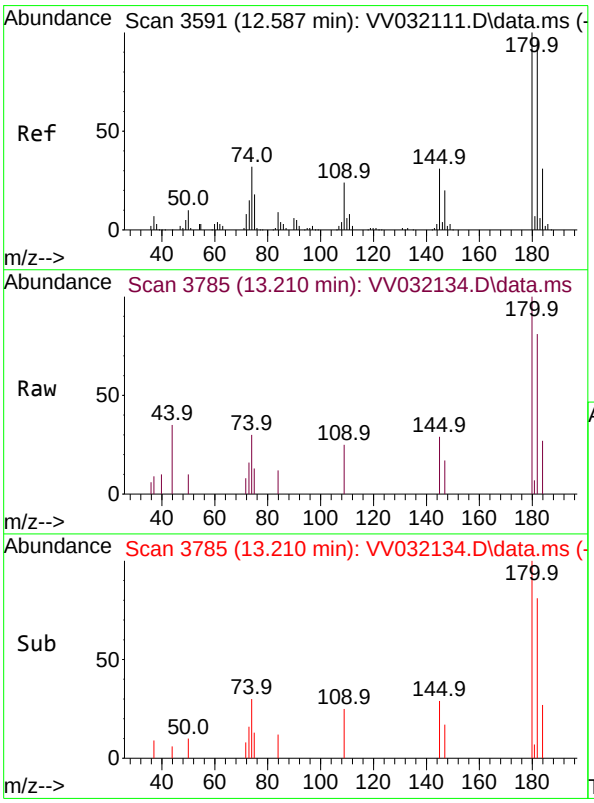
#65
1,4-Dichlorobenzene
Concen: 0.658 ug/L
RT: 11.217 min Scan# 3
Delta R.T. 0.006 min
Lab File: VV032134.D
Acq: 15 Sep 2023 20:29

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:146 Resp: 1772

Ion	Ratio	Lower	Upper
146	100		
111	48.4	28.5	52.9
148	67.2	44.2	82.2

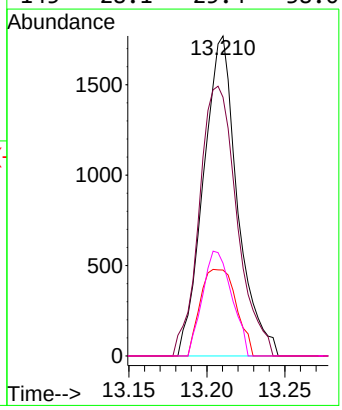


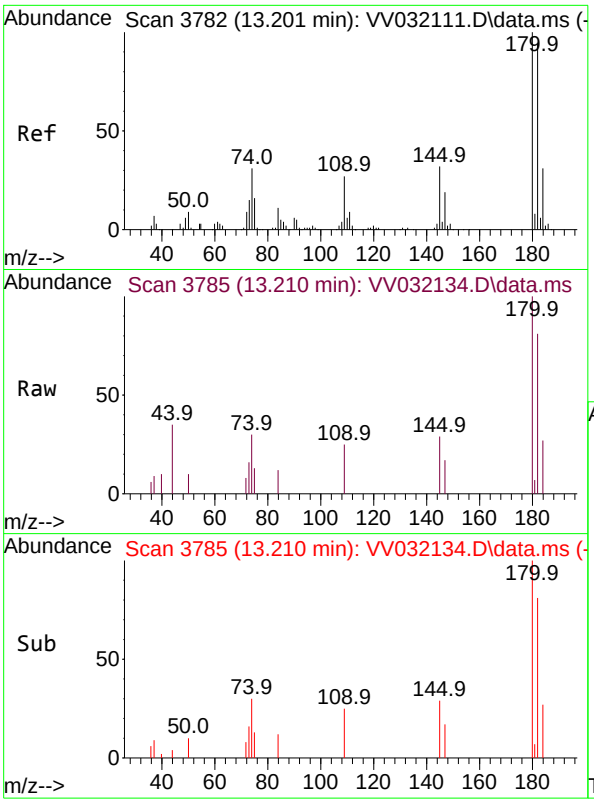


#69
1,3,5-Trichlorobenzene
Concen: 1.392 ug/L
RT: 13.210 min Scan# 3785
Delta R.T. 0.624 min
Lab File: VV032134.D
Acq: 15 Sep 2023 20:29

Tgt Ion:180 Resp: 2686

Ion	Ratio	Lower	Upper
180	100		
182	93.2	75.4	113.2
184	28.4	23.7	35.5
145	28.1	25.4	38.0



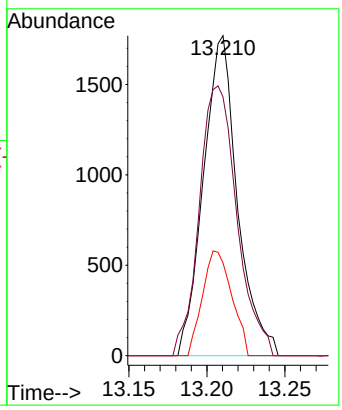


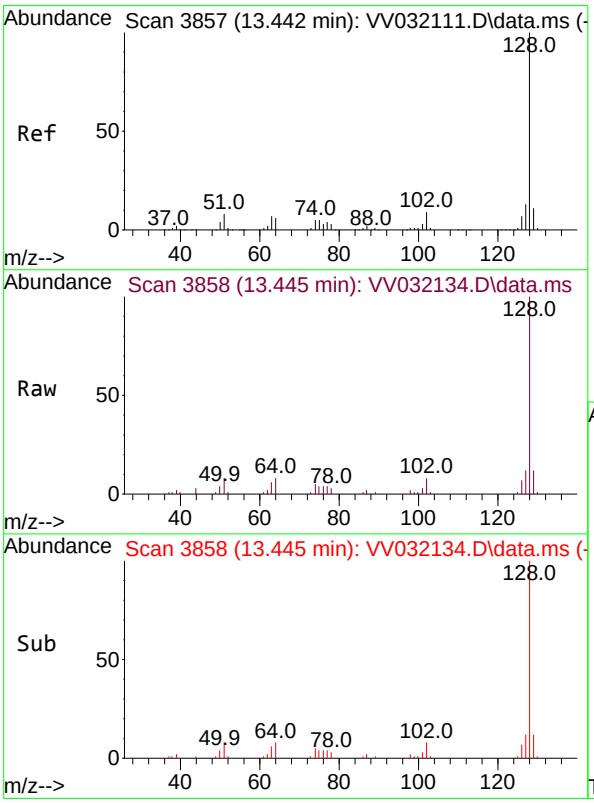
#70
1,2,4-trichlorobenzene
Concen: 1.450 ug/L
RT: 13.210 min Scan# 3
Delta R.T. 0.010 min
Lab File: VV032134.D
Acq: 15 Sep 2023 20:29

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:180 Resp: 2686

Ion	Ratio	Lower	Upper
180	100		
182	93.2	75.4	113.2
145	28.1	26.0	39.0

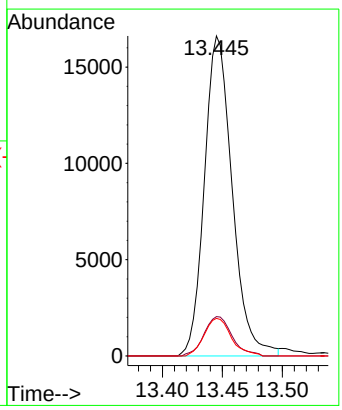


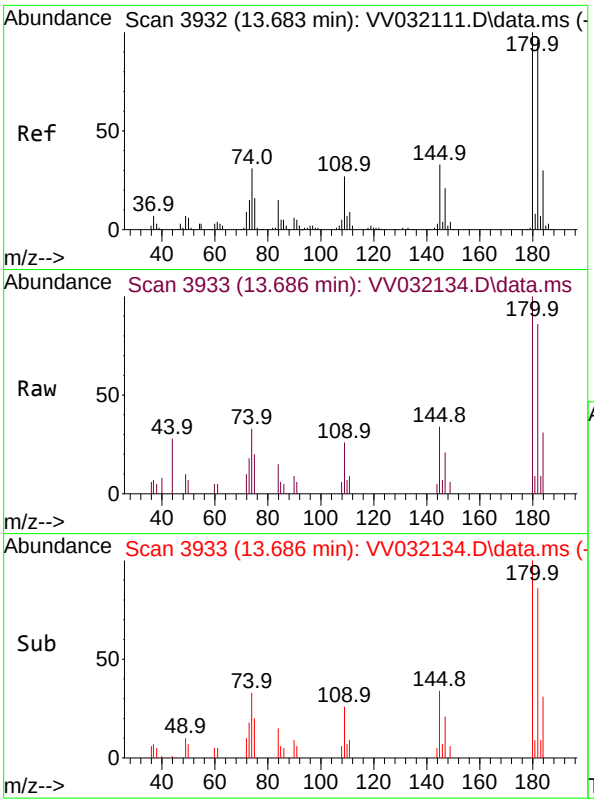


#71
Naphthalene
Concen: 4.533 ug/L
RT: 13.445 min Scan# 3858
Delta R.T. 0.003 min
Lab File: VV032134.D
Acq: 15 Sep 2023 20:29

Tgt Ion:128 Resp: 26822

Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.4	15.6
129	11.5	8.7	13.1





#72
1,2,3-Trichlorobenzene
Concen: 2.023 ug/L
RT: 13.686 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV032134.D
Acq: 15 Sep 2023 20:29

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:180 Resp: 3590

Ion	Ratio	Lower	Upper
180	100		
182	90.7	76.7	115.1
145	33.5	27.7	41.5