Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111323\
Data File : VV032948.D
Acq On : 13 Nov 2023 22:02
Operator : SY/MD
Sample : 05296-02 20X
Misc : 6.12gm/5mL/100uL/5mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Nov 14 01:38:37 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM111323WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 14 01:11:23 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	418682	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	420685	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	220243	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	159035	44.911	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	89.820%		
7) Chloroethane-d5	1.529	69	132448	45.144	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	90.280%		
11) 1,1-Dichloroethene-d2	2.060	65	69442	45.010	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.020%		
21) 2-Butanone-d5	3.780	46	117578	77.463	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	77.460%		
24) Chloroform-d	4.249	84	269500	44.054	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.100%		
26) 1,2-Dichloroethane-d4	4.941	65	169141	45.440	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.880%		
32) Benzene-d6	4.960	84	545103	47.509	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.020%		
36) 1,2-Dichloropropane-d6	5.989	67	159305	47.766	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	95.540%		
41) Toluene-d8	7.243	98	484859	45.835	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.660%		
43) trans-1,3-Dichloroprop...	7.551	79	77461	43.750	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.500%		
47) 2-Hexanone-d5	8.024	63	100643	82.371	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	82.370%		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	213083	43.615	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	87.220%		
66) 1,2-Dichlorobenzene-d4	11.561	152	206203	48.183	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.360%		
Target Compounds						Qvalue
20) cis-1,2-Dichloroethene	3.818	96	6307	1.998	ug/L	85
34) Trichloroethene	5.841	95	3174	1.022	ug/L	93
46) Tetrachloroethene	7.908	164	42372	15.862	ug/L	97
51) Chlorobenzene	8.818	112	12407	1.436	ug/L	93
52) Ethylbenzene	8.950	91	55610	4.027	ug/L	100
53) m,p-Xylene	9.072	106	215431	40.577	ug/L	98
54) o-Xylene	9.481	106	103510	20.220	ug/L	98
55) Styrene	9.477	104	6665	0.738	ug/L #	1
63) 1,2,4-Trimethylbenzene	10.857	105	7480	0.723	ug/L	89
64) 1,3-Dichlorobenzene	11.124	146	10643	1.565	ug/L	93
65) 1,4-Dichlorobenzene	11.210	146	37381	5.126	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	25348	3.707	ug/L	93
69) 1,3,5-Trichlorobenzene	13.201	180	292212	57.277	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	292212	63.763	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	125392	27.187	ug/L	99

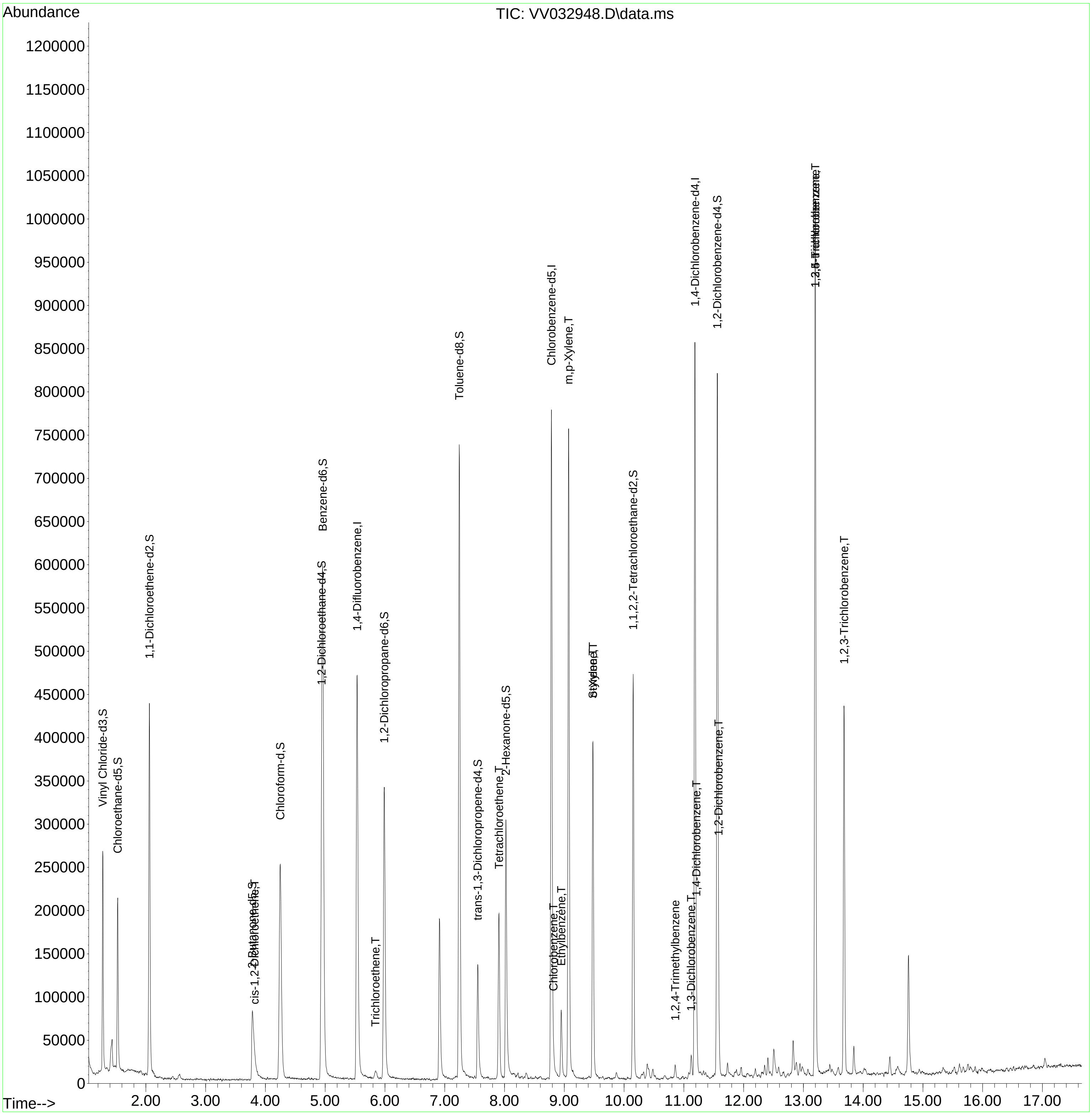
(#) = qualifier out of range (m) = manual integration (+) = signals summed

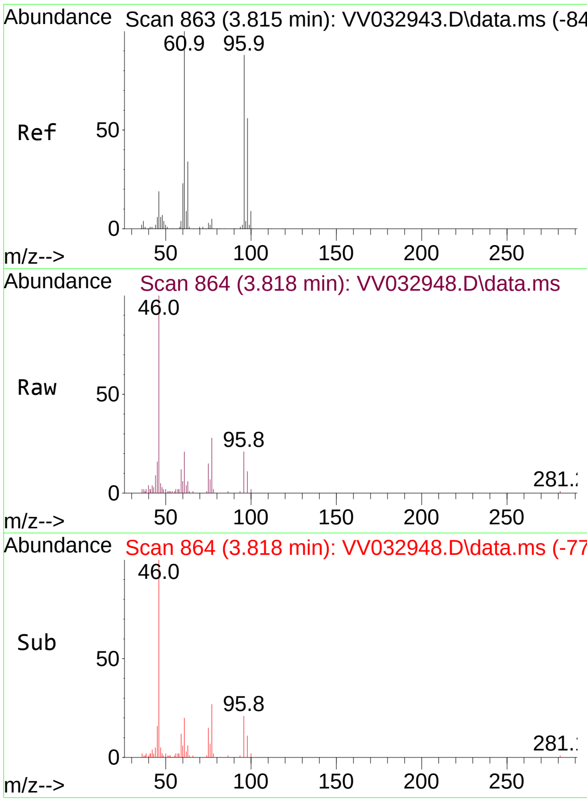
Quantitation Report   (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111323\
Data File : VV032948.D
Acq On   : 13 Nov 2023 22:02
Operator : SY/MD
Sample   : O5296-02 20X
Misc   : 6.12gm/5mL/100uL/5mL/MSVOA_V/MEOH
ALS Vial : 18   Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Nov 14 01:38:37 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM111323WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 14 01:11:23 2023
Response via : Initial Calibration



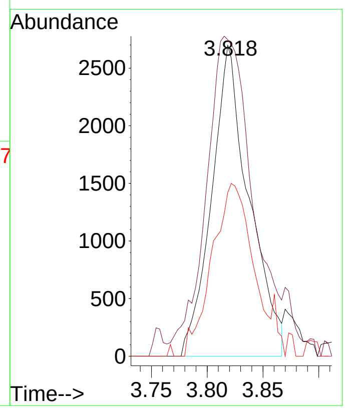


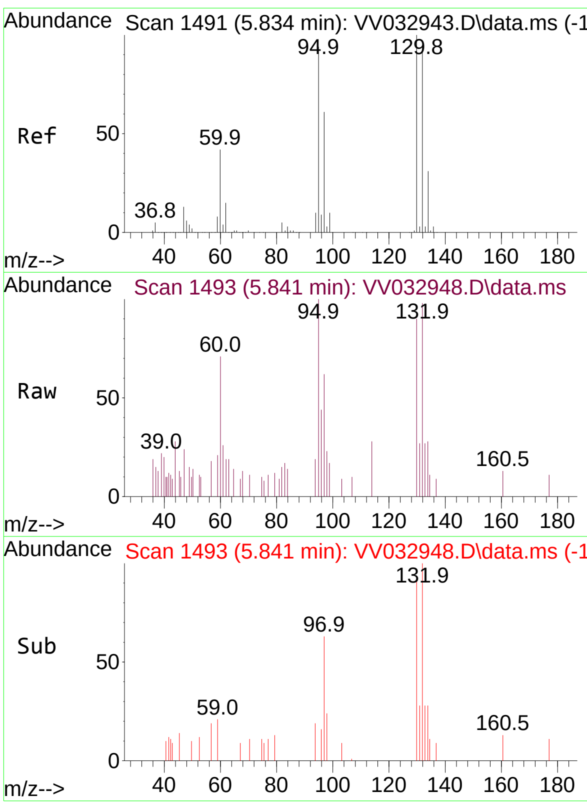
#20
cis-1,2-Dichloroethene
Concen: 1.998 ug/L
RT: 3.818 min Scan# 8
Delta R.T. 0.003 min
Lab File: VV032948.D
Acq: 13 Nov 2023 22:02

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 6307

Ion	Ratio	Lower	Upper
96	100		
61	101.9	83.5	155.1
98	52.7	44.0	81.8

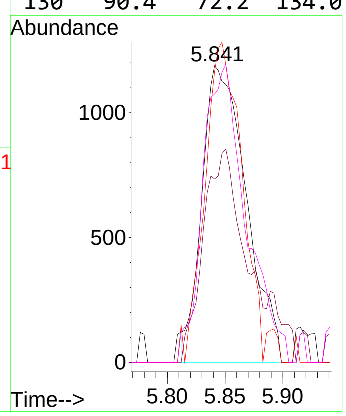


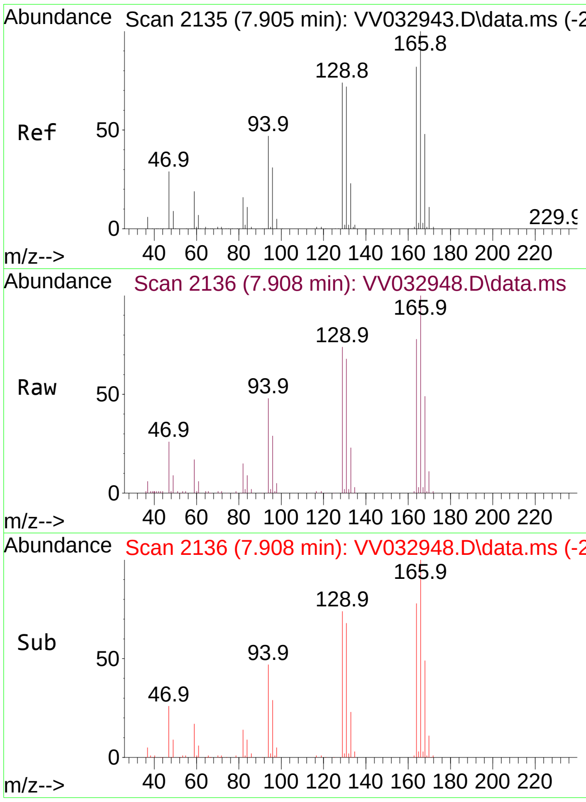


#34
Trichloroethene
Concen: 1.022 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. 0.007 min
Lab File: VV032948.D
Acq: 13 Nov 2023 22:02

Tgt Ion: 95 Resp: 3174

Ion	Ratio	Lower	Upper
95	100		
97	61.8	45.7	84.9
132	98.0	70.0	130.0
130	90.4	72.2	134.0





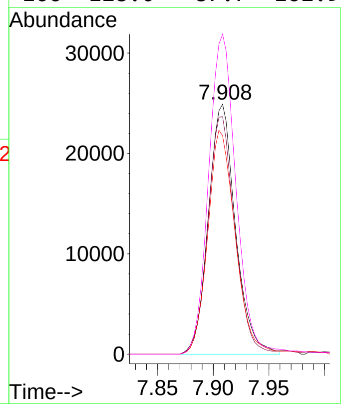
#46
Tetrachloroethene
Concen: 15.862 ug/L
RT: 7.908 min   Scan# 2

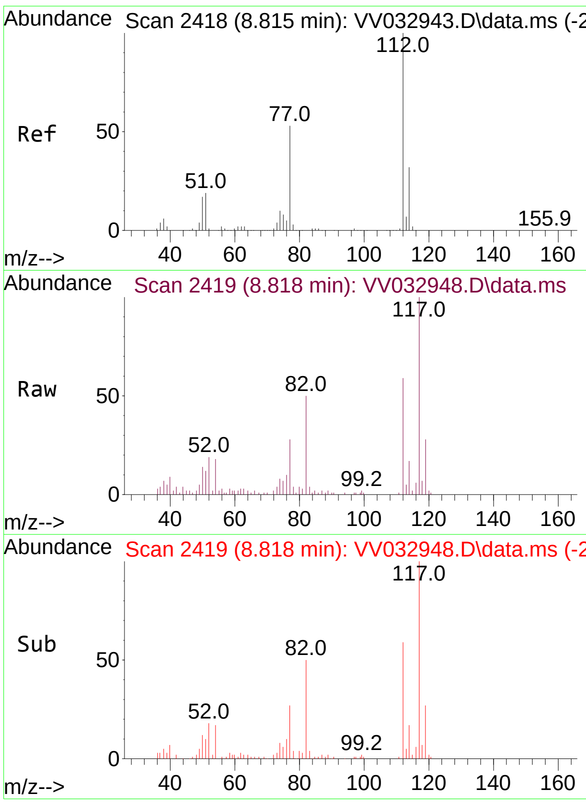
Instrument :
MSVOA_V
ClientSampleId :

Delta R.T.   0.003 min
Lab File: VV032948.D
Acq: 13 Nov 2023   22:02

Tgt Ion:164 Resp: 42372

Ion	Ratio	Lower	Upper
164	100		
129	95.0	64.2	119.2
131	87.4	63.5	117.9
166	128.0	87.7	162.9

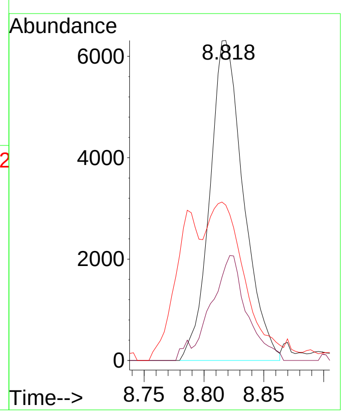


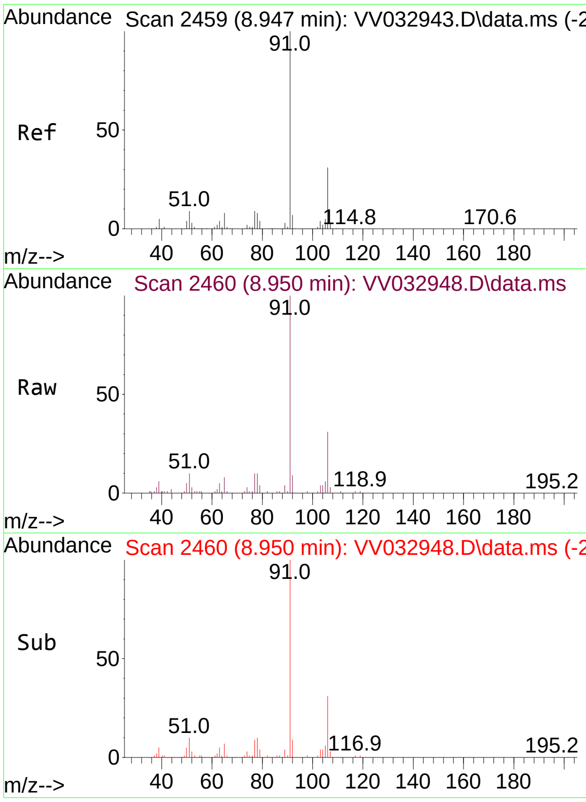


#51
Chlorobenzene
Concen: 1.436 ug/L
RT: 8.818 min   Scan# 2419
Delta R.T.   0.003 min
Lab File: VV032948.D
Acq: 13 Nov 2023   22:02

Tgt Ion:112 Resp: 12407

Ion	Ratio	Lower	Upper
112	100		
114	29.8	22.1	41.1
77	48.6	44.2	66.2





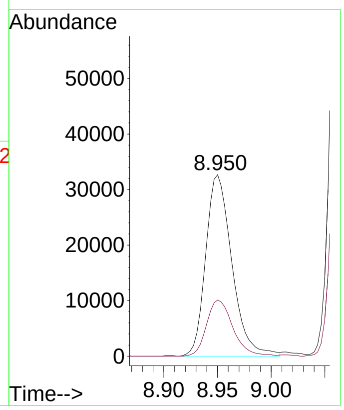
#52
Ethylbenzene
Concen: 4.027 ug/L
RT: 8.950 min Scan# 24

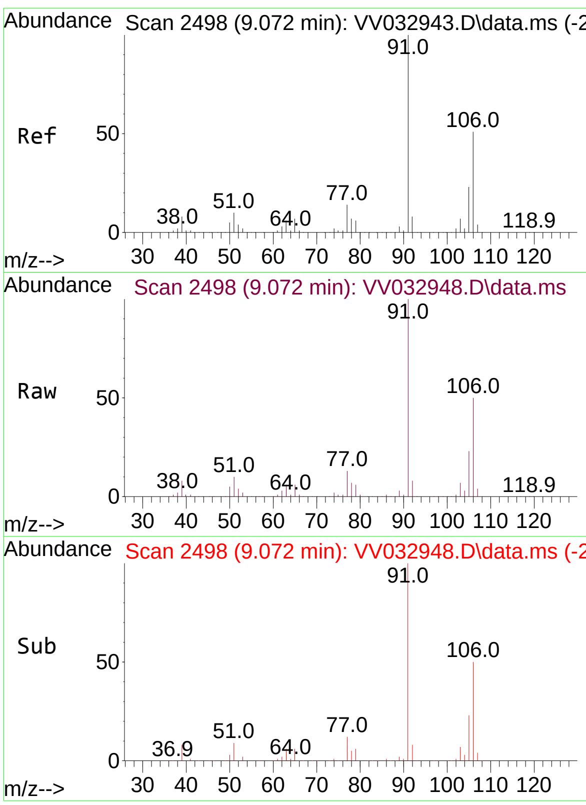
Instrument :
MSVOA_V
ClientSampleId :

Delta R.T. 0.003 min
Lab File: VV032948.D
Acq: 13 Nov 2023 22:02

Tgt Ion: 91 Resp: 55610

Ion	Ratio	Lower	Upper
91	100		
106	30.9	21.6	40.0

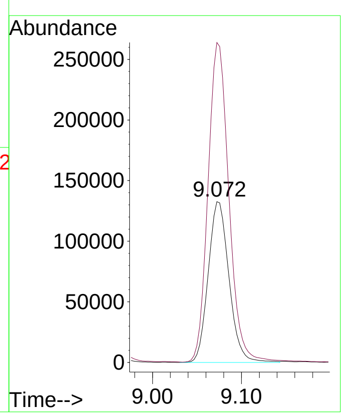


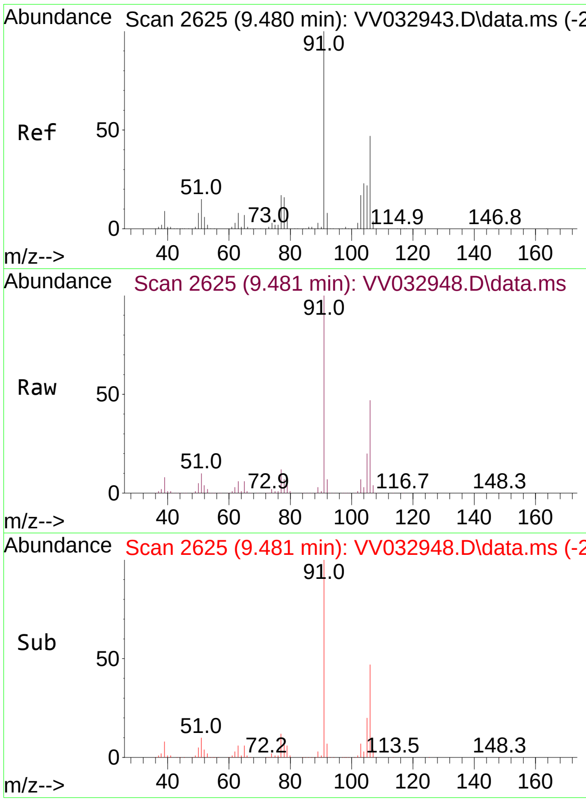


#53
m,p-Xylene
Concen: 40.577 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. 0.000 min
Lab File: VV032948.D
Acq: 13 Nov 2023 22:02

Tgt Ion:106 Resp: 215431

Ion	Ratio	Lower	Upper
106	100		
91	198.9	137.5	255.4



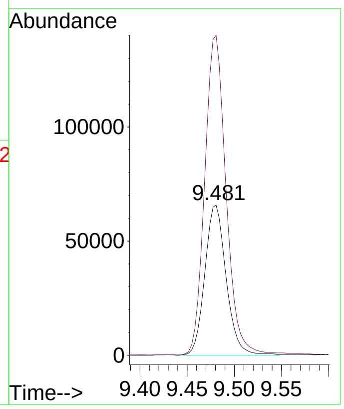


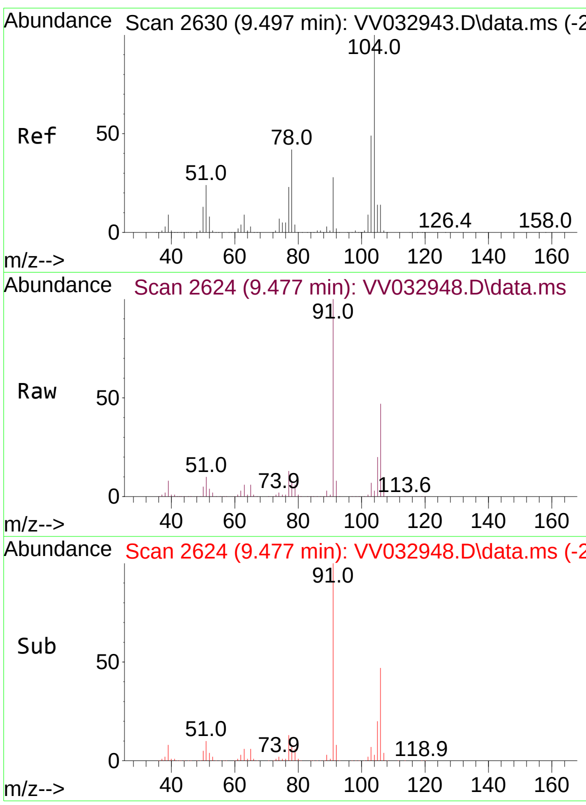
#54
o-Xylene
Concen: 20.220 ug/L
RT: 9.481 min Scan# 2
Delta R.T. 0.000 min
Lab File: VV032948.D
Acq: 13 Nov 2023 22:02

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:106 Resp: 103510

Ion	Ratio	Lower	Upper
106	100		
91	213.1	151.6	281.6

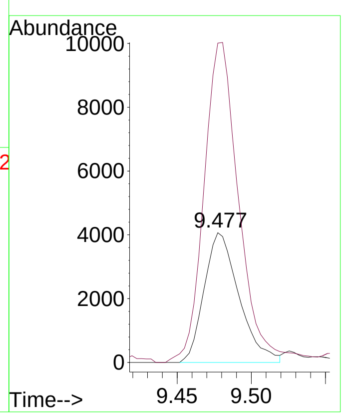


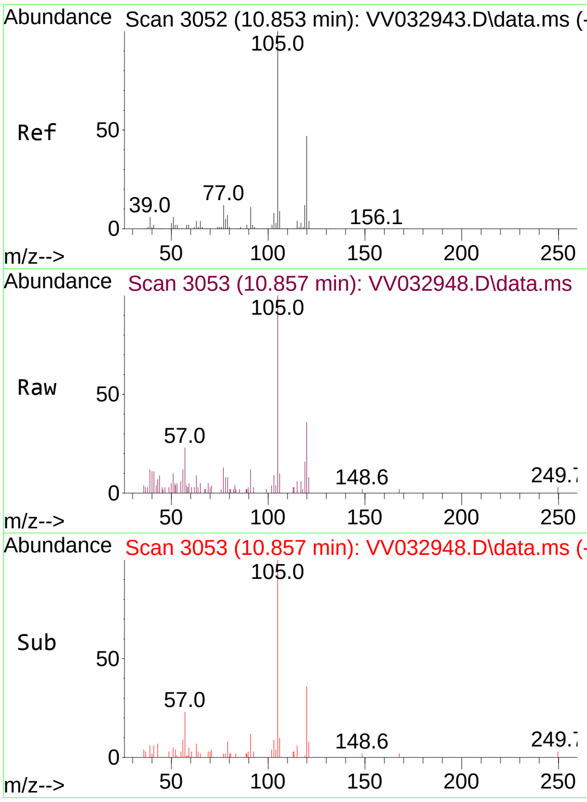


#55
Styrene
Concen: 0.738 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. -0.019 min
Lab File: VV032948.D
Acq: 13 Nov 2023 22:02

Tgt Ion:104 Resp: 6665

Ion	Ratio	Lower	Upper
104	100		
78	246.1	29.8	55.4#



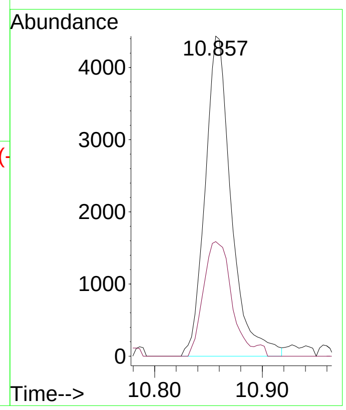


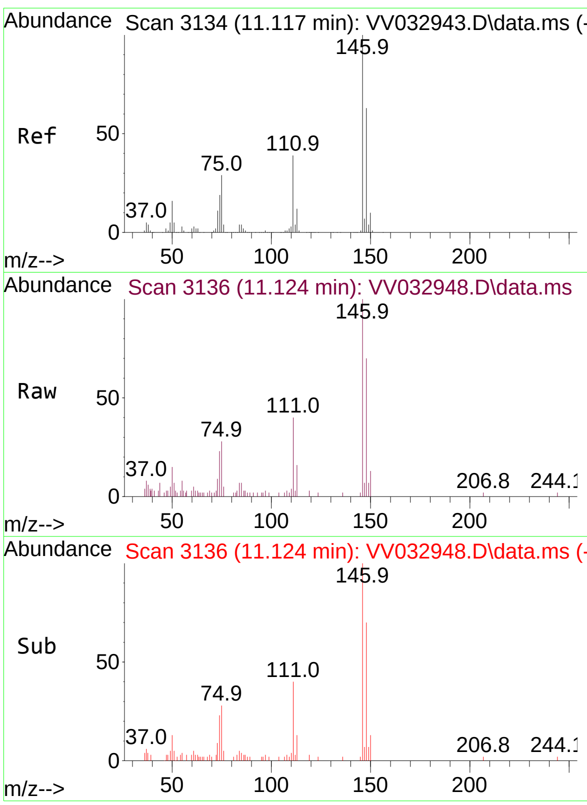
#63
1,2,4-Trimethylbenzene
Concen: 0.723 ug/L
RT: 10.857 min Scan# 3(
Delta R.T. 0.003 min
Lab File: VV032948.D
Acq: 13 Nov 2023 22:02

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:105 Resp: 7480

Ion	Ratio	Lower	Upper
105	100		
120	38.4	36.3	54.5

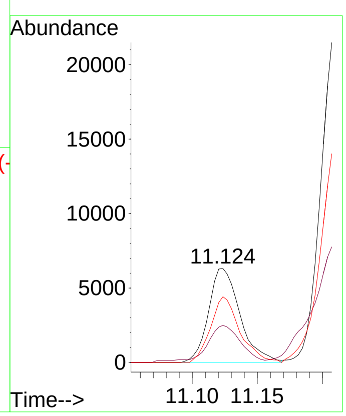


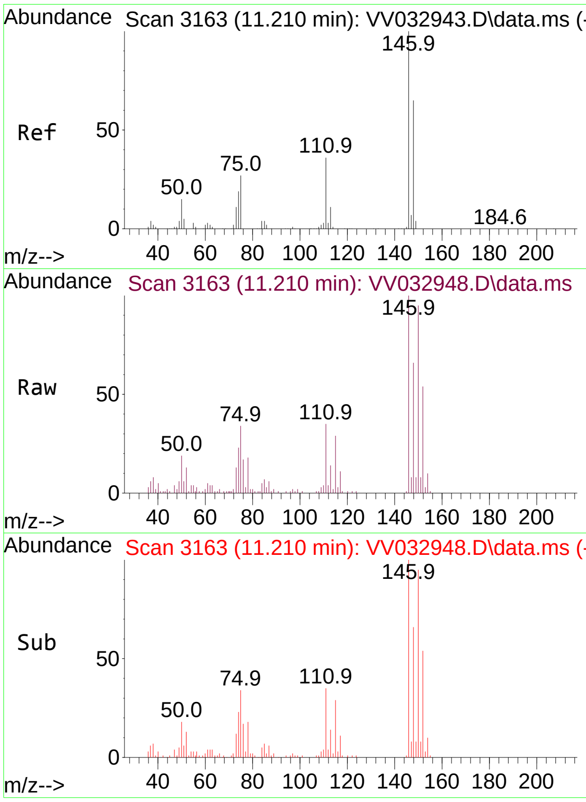


#64
1,3-Dichlorobenzene
Concen: 1.565 ug/L
RT: 11.124 min Scan# 3136
Delta R.T. 0.007 min
Lab File: VV032948.D
Acq: 13 Nov 2023 22:02

Tgt Ion:146 Resp: 10643

Ion	Ratio	Lower	Upper
146	100		
111	39.6	26.9	49.9
148	70.1	43.6	81.0



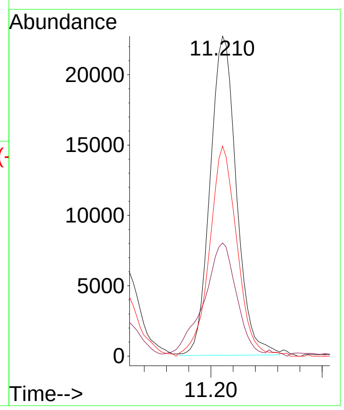


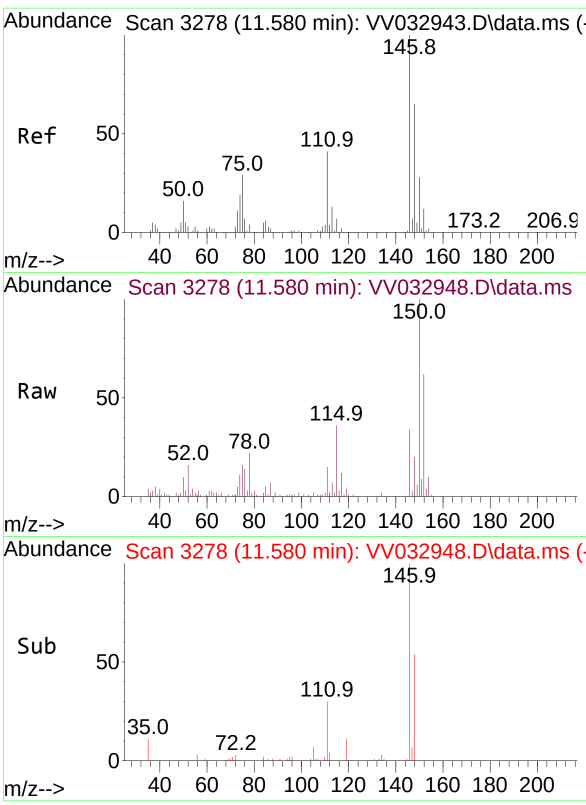
#65
1,4-Dichlorobenzene
Concen: 5.126 ug/L
RT: 11.210 min Scan# 3
Delta R.T. 0.000 min
Lab File: VV032948.D
Acq: 13 Nov 2023 22:02

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:146 Resp: 37381

Ion	Ratio	Lower	Upper
146	100		
111	35.4	25.5	47.3
148	65.7	44.4	82.5

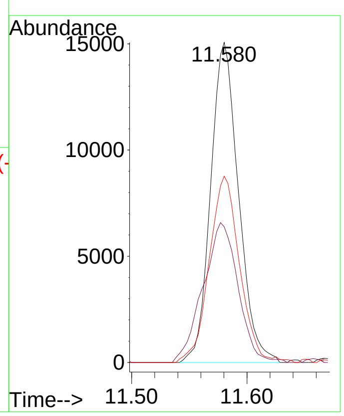


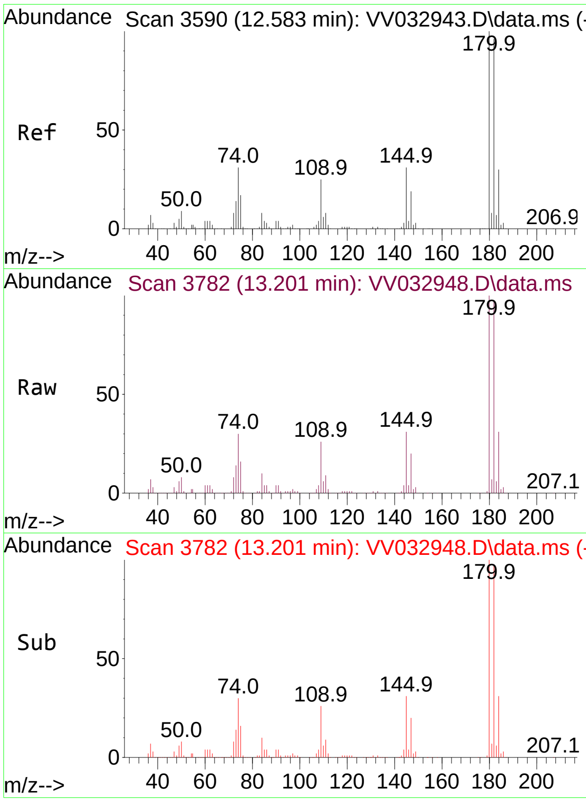


#67
1,2-Dichlorobenzene
Concen: 3.707 ug/L
RT: 11.580 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VV032948.D
Acq: 13 Nov 2023 22:02

Tgt Ion:146 Resp: 25348

Ion	Ratio	Lower	Upper
146	100		
111	42.4	31.1	46.7
148	58.2	51.4	77.0



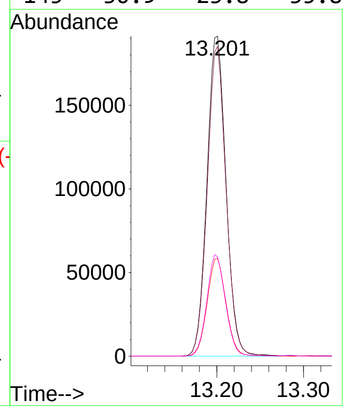


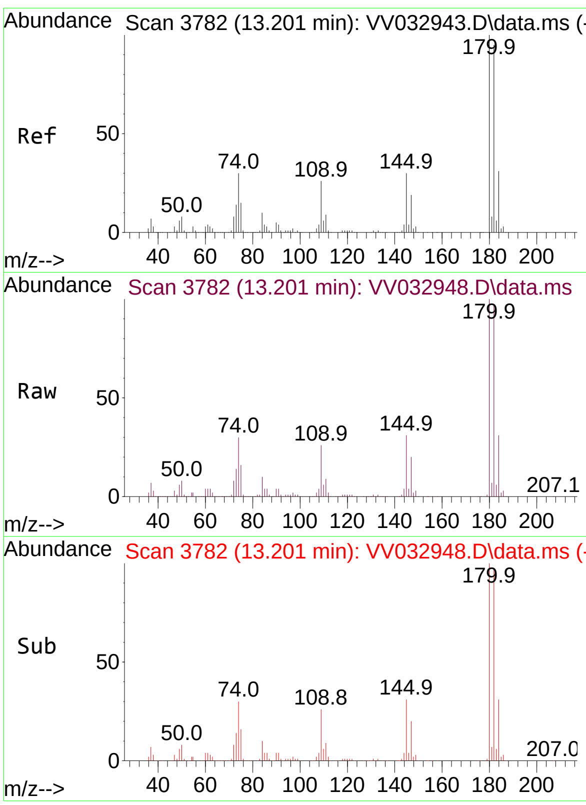
#69
1,3,5-Trichlorobenzene
Concen: 57.277 ug/L
RT: 13.201 min Scan# 3
Delta R.T. 0.617 min
Lab File: VV032948.D
Acq: 13 Nov 2023 22:02

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:180 Resp: 292212

Ion	Ratio	Lower	Upper
180	100		
182	95.3	75.9	113.9
184	30.2	24.6	36.8
145	30.9	23.8	35.8

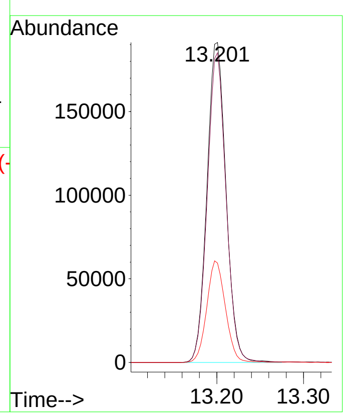


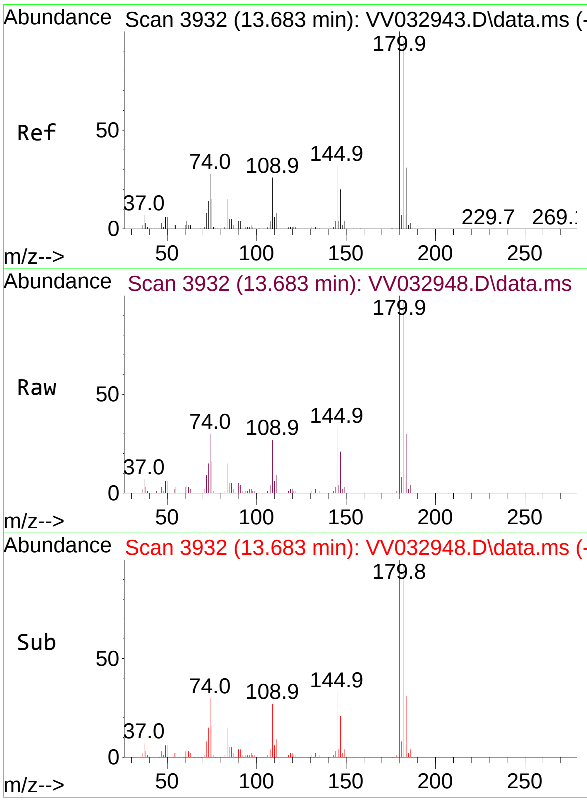


#70
1,2,4-trichlorobenzene
Concen: 63.763 ug/L
RT: 13.201 min Scan# 3782
Delta R.T. 0.000 min
Lab File: VV032948.D
Acq: 13 Nov 2023 22:02

Tgt Ion:180 Resp: 292212

Ion	Ratio	Lower	Upper
180	100		
182	95.3	77.0	115.4
145	30.9	24.3	36.5





#72
1,2,3-Trichlorobenzene
Concen: 27.187 ug/L
RT: 13.683 min Scan# 39
Delta R.T. 0.000 min
Lab File: VV032948.D
Acq: 13 Nov 2023 22:02

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:180 Resp: 125392

Ion	Ratio	Lower	Upper
180	100		
182	94.6	76.9	115.3
145	33.0	26.1	39.1