Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061424\
Data File : VV036088.D
Acq On : 14 Jun 2024 12:41
Operator : SY/MD
Sample : P2873-04
Misc : 4.20g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Jun 15 01:32:42 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 15 01:30:52 2024
Response via : Initial Calibration

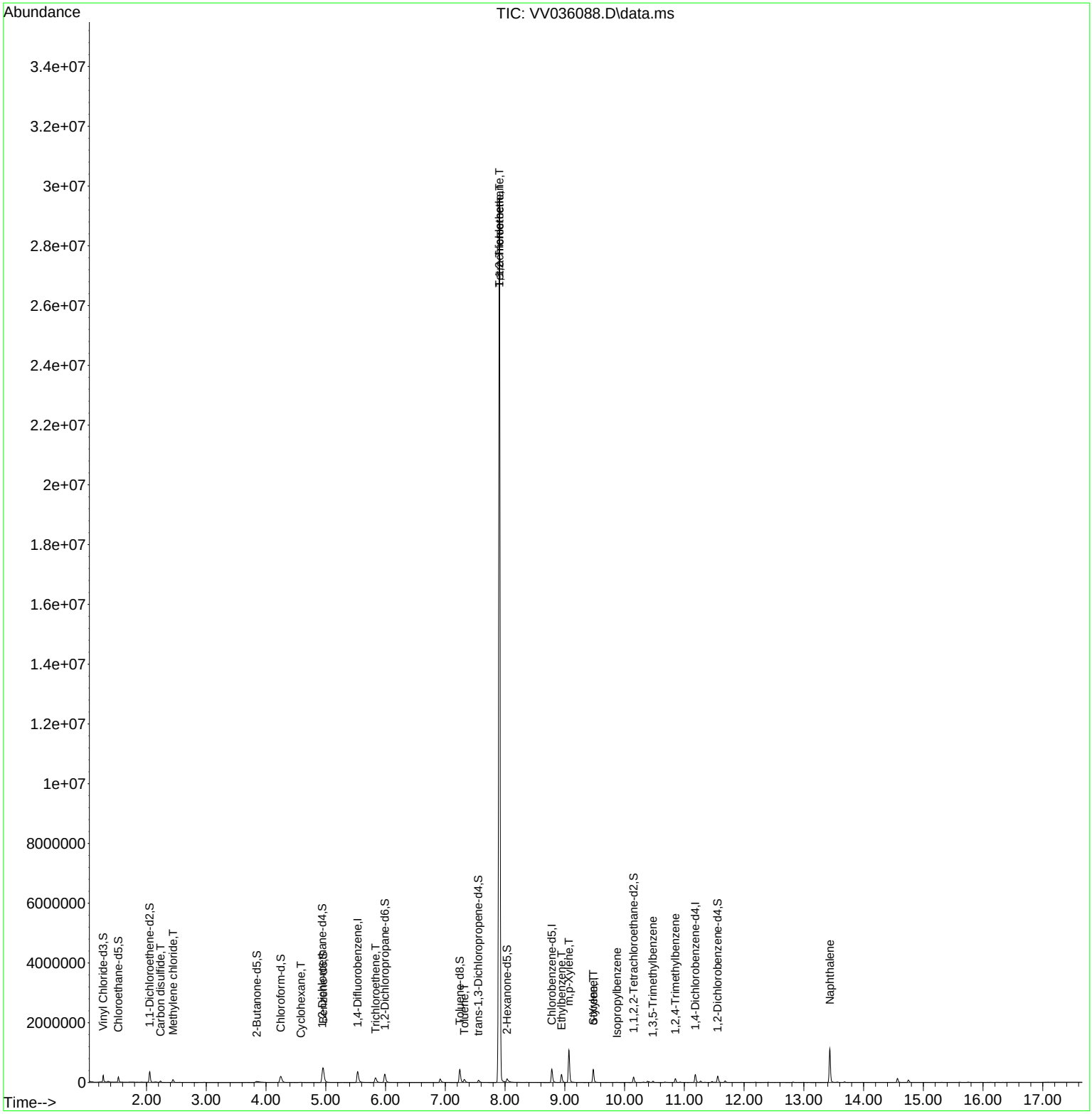
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	328922	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	256377	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	71270	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	147385	24.372	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 97.480%			
7) Chloroethane-d5	1.529	69	117099	24.285	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 97.160%			
11) 1,1-Dichloroethene-d2	2.053	65	60366	22.424	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 89.680%			
21) 2-Butanone-d5	3.844	46	58493	42.158	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 84.320%			
24) Chloroform-d	4.246	84	231006	22.091	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 88.360%			
26) 1,2-Dichloroethane-d4	4.941	65	136635	24.921	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.680%			
32) Benzene-d6	4.957	84	435916	28.604	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 114.400%			
36) 1,2-Dichloropropane-d6	5.989	67	145150	30.245	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 121.000%#			
41) Toluene-d8	7.243	98	307576	22.874	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 91.480%			
43) trans-1,3-Dichloroprop...	7.555	79	51728	26.288	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 105.160%			
47) 2-Hexanone-d5	8.034	63	45200	69.515	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 139.040%#			
56) 1,1,2,2-Tetrachloroeth...	10.153	84	93298	26.016	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 104.080%			
66) 1,2-Dichlorobenzene-d4	11.558	152	55478	21.227	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 84.920%			
Target Compounds						Qvalue
14) Carbon disulfide	2.233	76	50576	2.765	ug/L	98
16) Methylene chloride	2.445	84	41140	5.527	ug/L	99
29) Cyclohexane	4.584	56	3620	0.593	ug/L #	79
34) Trichloroethene	5.834	95	55882	10.874	ug/L	99
42) Toluene	7.320	91	80057	4.672	ug/L	98
45) 1,1,2-Trichloroethane	7.905	97	55030	15.106	ug/L #	1
46) Tetrachloroethene	7.905	164	6349280	1689.282	ug/L	96
52) Ethylbenzene	8.947	91	187525	10.230	ug/L	99
53) m,p-Xylene	9.069	106	293962	42.678	ug/L	98
54) o-Xylene	9.477	106	113999	17.550	ug/L	100
55) Styrene	9.477	104	9107	0.795	ug/L #	1
60) Isopropylbenzene	9.873	105	4750	0.519	ug/L	94
62) 1,3,5-Trimethylbenzene	10.474	105	21170	3.193	ug/L	97
63) 1,2,4-Trimethylbenzene	10.850	105	67091	9.392	ug/L	98
71) Naphthalene	13.435	128	848377	183.816	ug/L	100

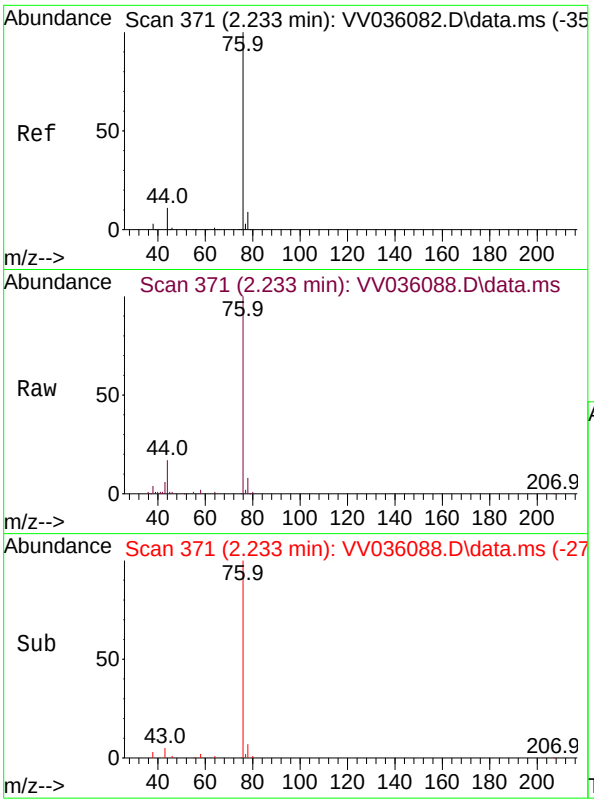
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061424\
Data File : VV036088.D
Acq On : 14 Jun 2024 12:41
Operator : SY/MD
Sample : P2873-04
Misc : 4.20g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Jun 15 01:32:42 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 15 01:30:52 2024
Response via : Initial Calibration



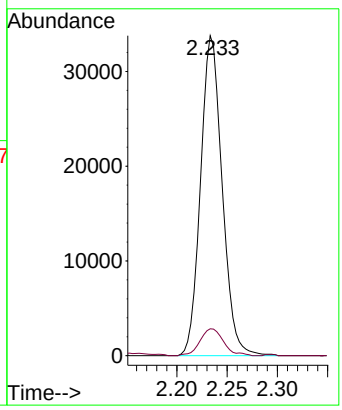


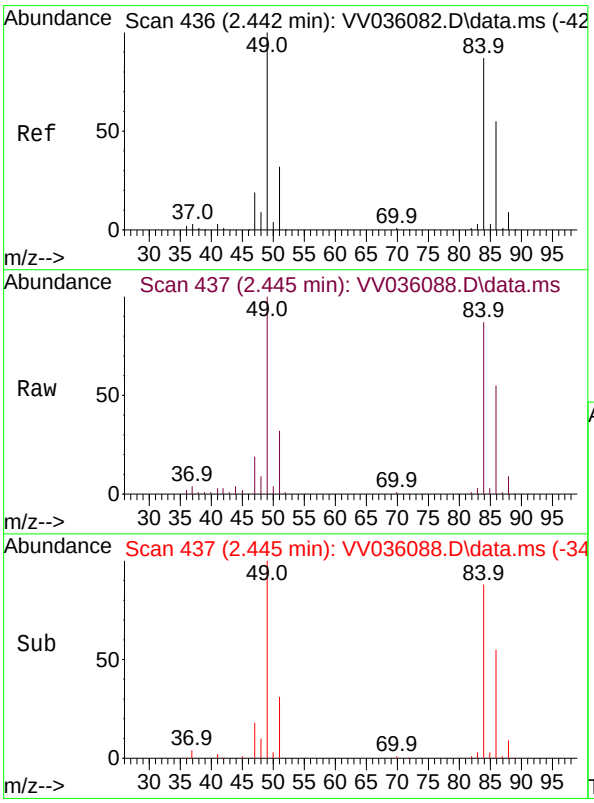
#14
Carbon disulfide
Concen: 2.765 ug/L
RT: 2.233 min Scan# 3
Delta R.T. -0.000 min
Lab File: VV036088.D
Acq: 14 Jun 2024 12:41

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 76 Resp: 50576

Ion	Ratio	Lower	Upper
76	100		
78	8.4	7.4	11.2

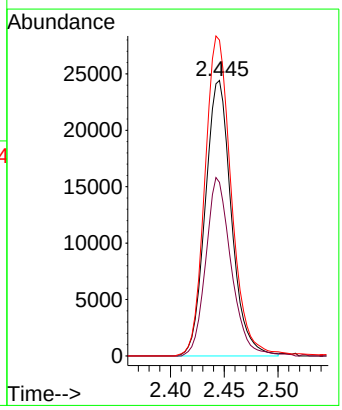


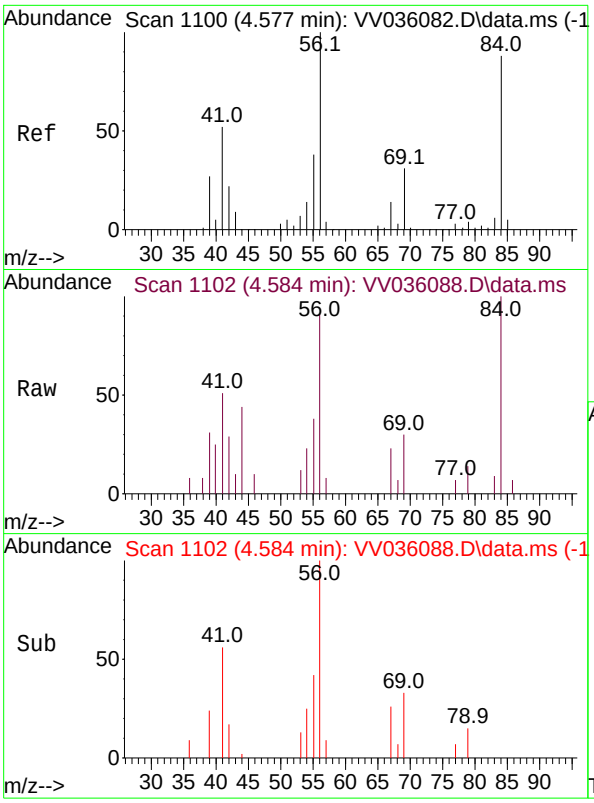


#16
Methylene chloride
Concen: 5.527 ug/L
RT: 2.445 min Scan# 437
Delta R.T. 0.003 min
Lab File: VV036088.D
Acq: 14 Jun 2024 12:41

Tgt Ion: 84 Resp: 41140

Ion	Ratio	Lower	Upper
84	100		
86	63.0	44.6	82.8
49	114.6	81.1	150.5



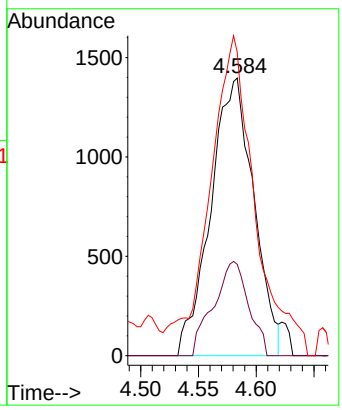


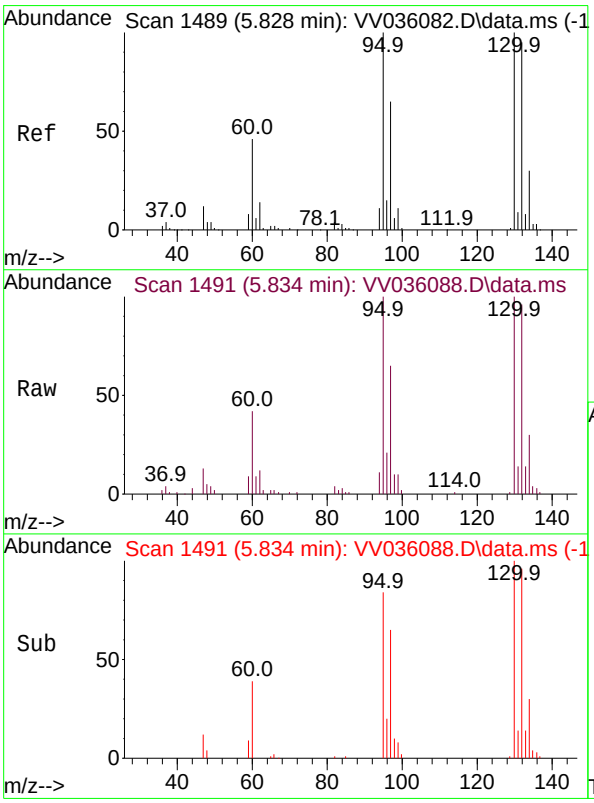
#29
Cyclohexane
Concen: 0.593 ug/L
RT: 4.584 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV036088.D
Acq: 14 Jun 2024 12:41

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 56 Resp: 3620

Ion	Ratio	Lower	Upper
56	100		
69	27.7	25.2	37.8
84	114.8	72.2	108.2#

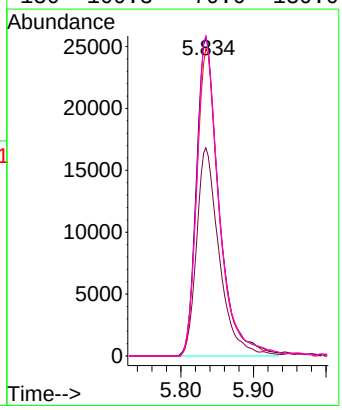


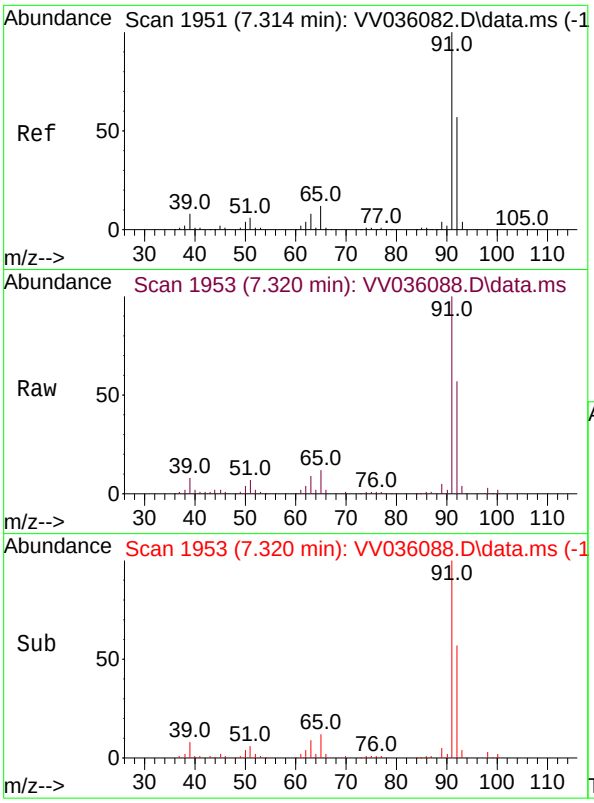


#34
Trichloroethene
Concen: 10.874 ug/L
RT: 5.834 min Scan# 1491
Delta R.T. 0.006 min
Lab File: VV036088.D
Acq: 14 Jun 2024 12:41

Tgt Ion: 95 Resp: 55882

Ion	Ratio	Lower	Upper
95	100		
97	65.3	44.8	83.2
132	96.4	66.8	124.2
130	100.3	70.0	130.0



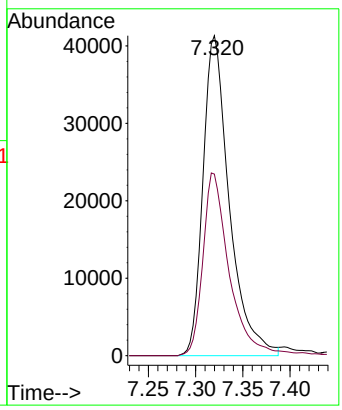


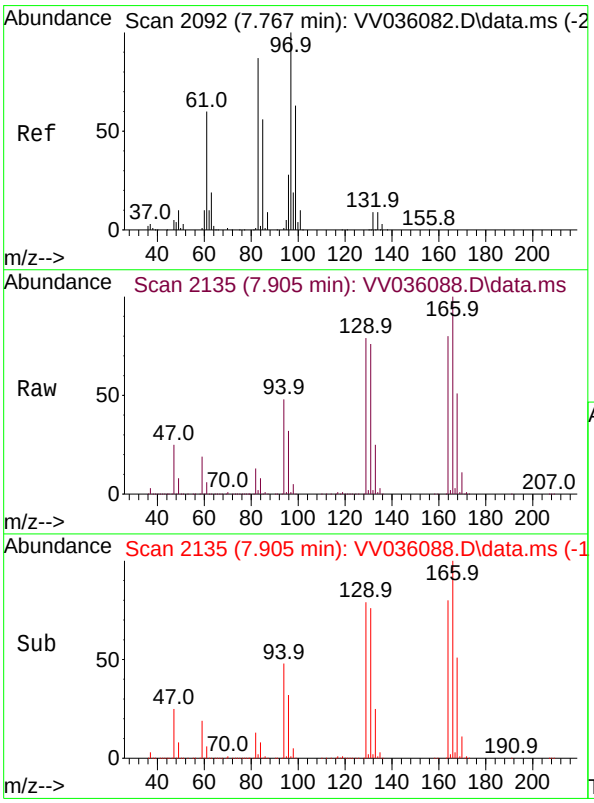
#42
Toluene
Concen: 4.672 ug/L
RT: 7.320 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV036088.D
Acq: 14 Jun 2024 12:41

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 91 Resp: 80057

Ion	Ratio	Lower	Upper
91	100		
92	56.8	40.6	75.4

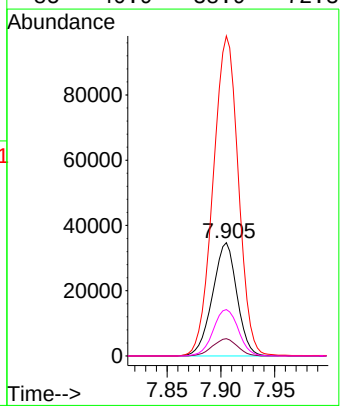


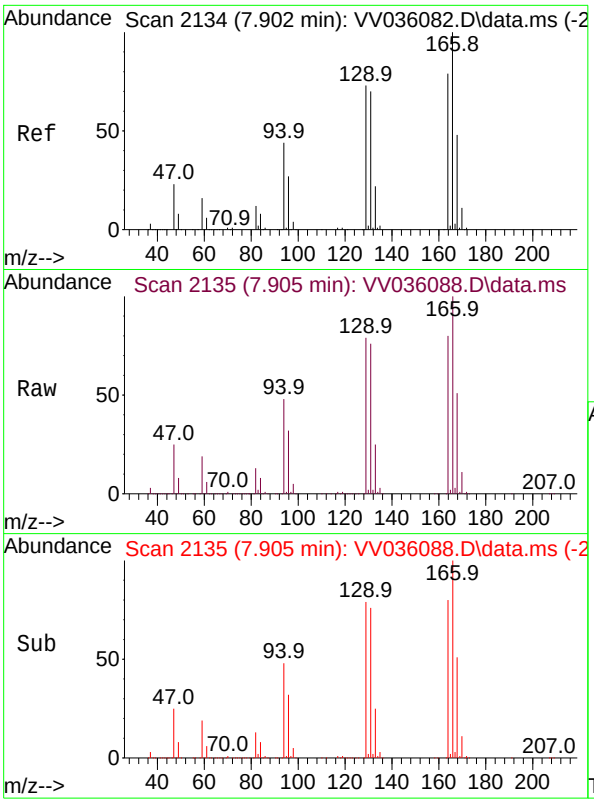


#45
1,1,2-Trichloroethane
Concen: 15.106 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.138 min
Lab File: VV036088.D
Acq: 14 Jun 2024 12:41

Tgt Ion: 97 Resp: 55030

Ion	Ratio	Lower	Upper
97	100		
99	15.3	43.3	80.5#
83	282.4	60.1	111.7#
85	40.9	38.9	72.3



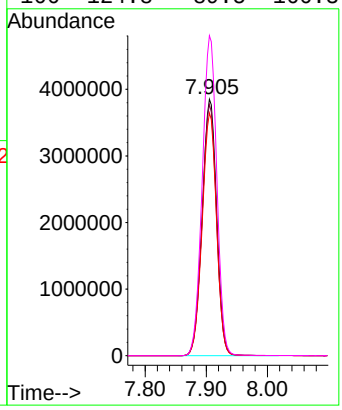


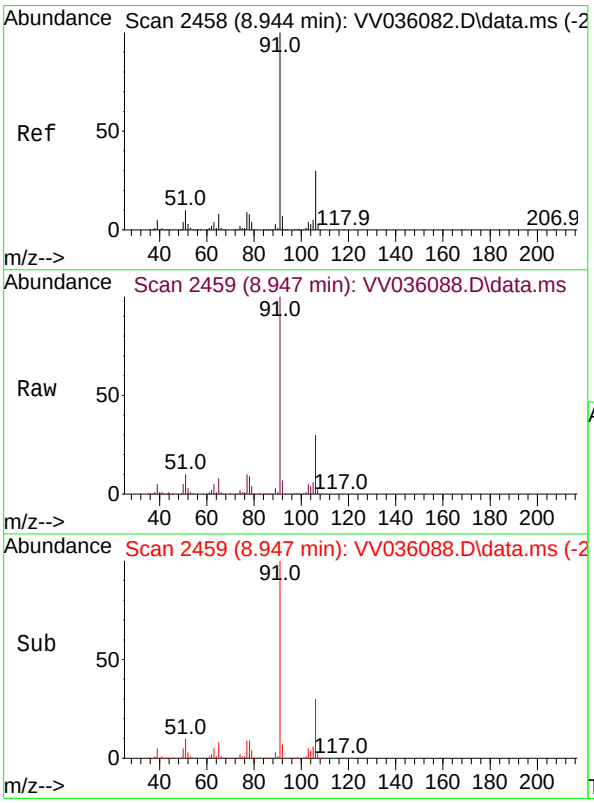
#46
Tetrachloroethene
Concen: 1689.282 ug/L
RT: 7.905 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV036088.D
Acq: 14 Jun 2024 12:41

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:164 Resp: 6349280

Ion	Ratio	Lower	Upper
164	100		
129	98.0	64.6	120.0
131	94.6	63.2	117.4
166	124.8	89.5	166.3

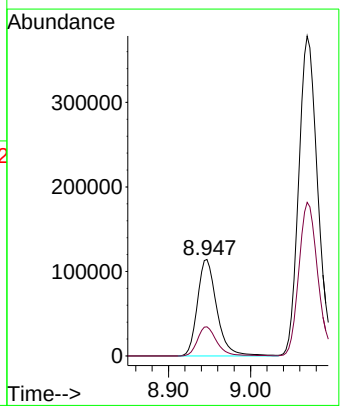


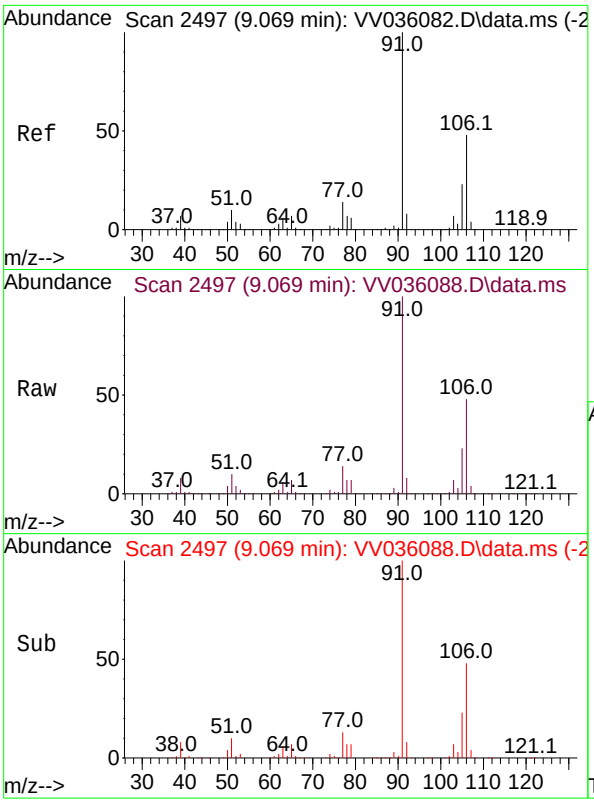


#52
Ethylbenzene
Concen: 10.230 ug/L
RT: 8.947 min Scan# 2459
Delta R.T. 0.003 min
Lab File: VV036088.D
Acq: 14 Jun 2024 12:41

Tgt Ion: 91 Resp: 187525

Ion	Ratio	Lower	Upper
91	100		
106	30.2	21.6	40.0



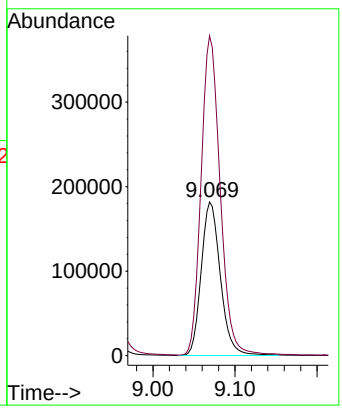


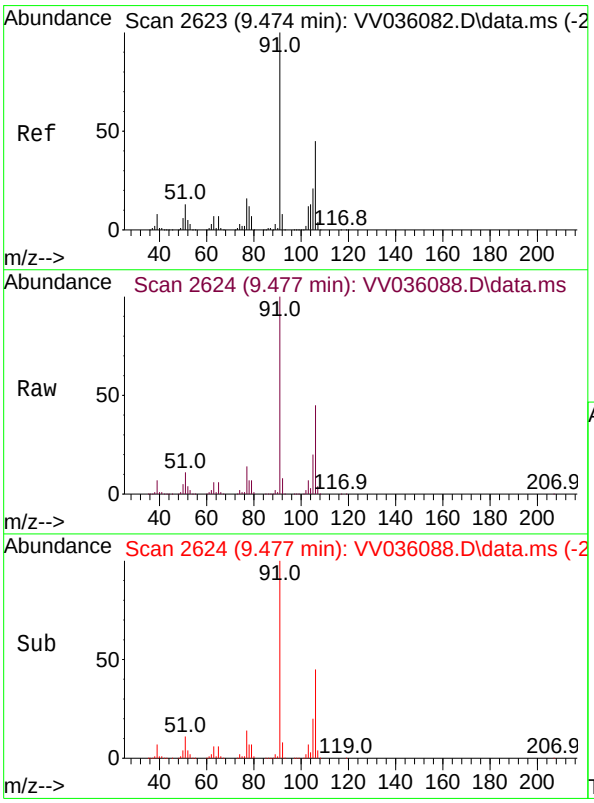
#53
m,p-Xylene
Concen: 42.678 ug/L
RT: 9.069 min Scan# 2
Delta R.T. -0.000 min
Lab File: VV036088.D
Acq: 14 Jun 2024 12:41

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:106 Resp: 293962

Ion	Ratio	Lower	Upper
106	100		
91	208.3	143.1	265.9

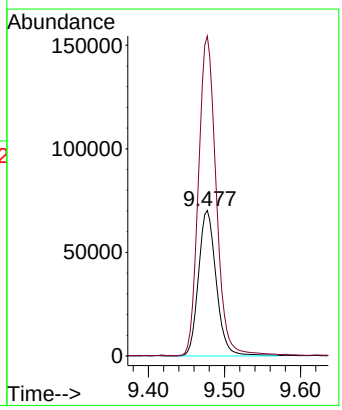


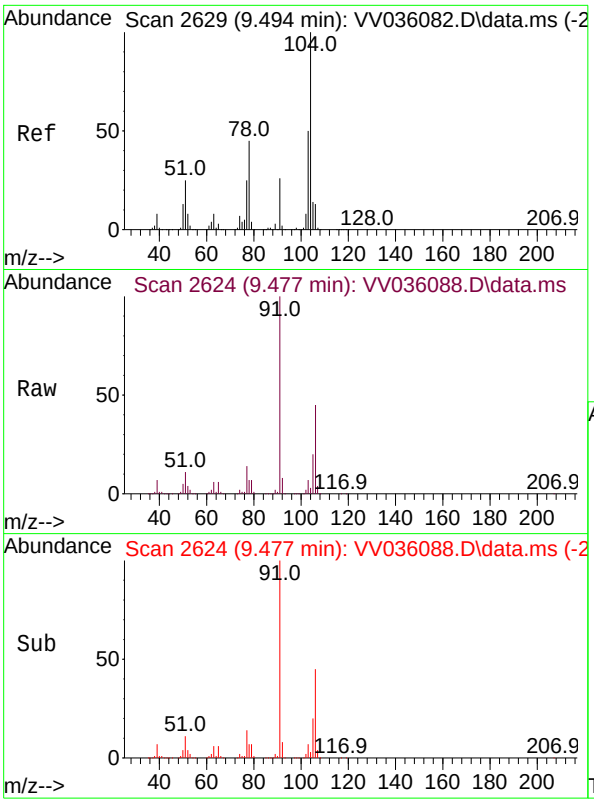


#54
o-Xylene
Concen: 17.550 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. 0.003 min
Lab File: VV036088.D
Acq: 14 Jun 2024 12:41

Tgt Ion:106 Resp: 113999

Ion	Ratio	Lower	Upper
106	100		
91	220.0	154.5	286.9



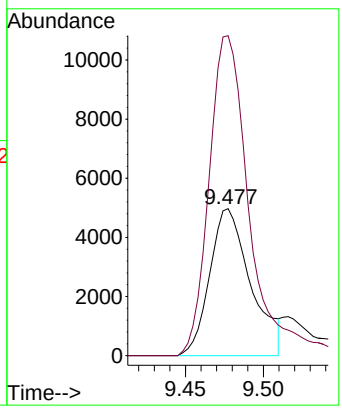


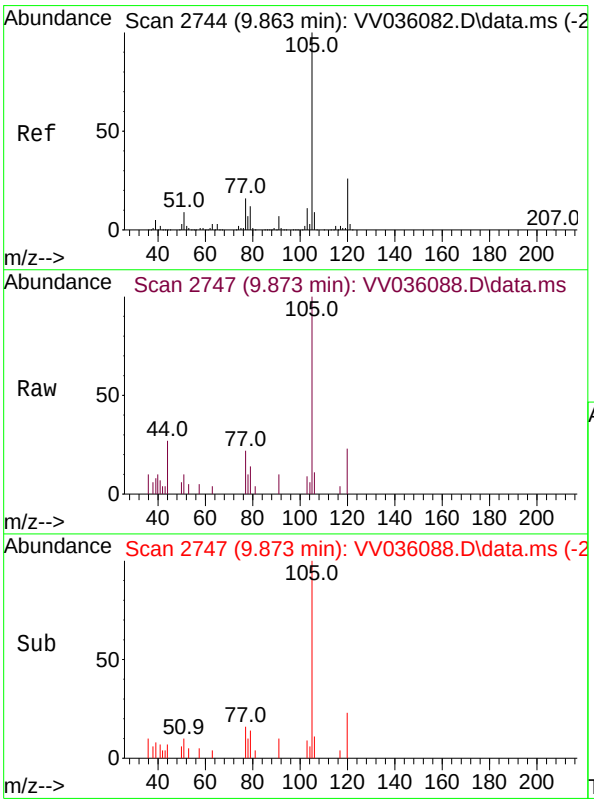
#55
Styrene
Concen: 0.795 ug/L
RT: 9.477 min Scan# 2
Delta R.T. -0.016 min
Lab File: VV036088.D
Acq: 14 Jun 2024 12:41

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:104 Resp: 9107

Ion	Ratio	Lower	Upper
104	100		
78	217.6	31.4	58.2#

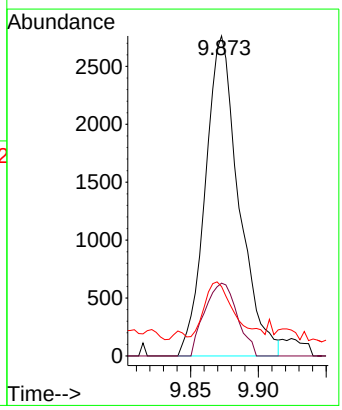


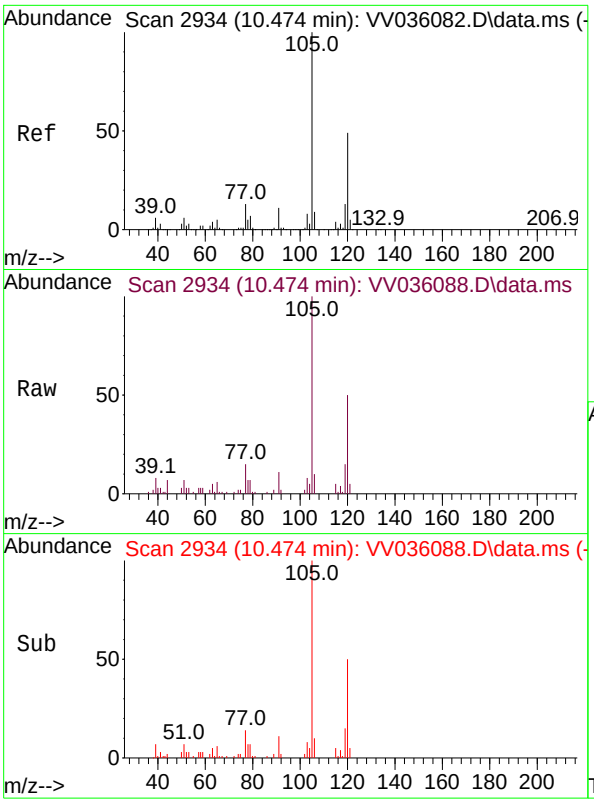


#60
Isopropylbenzene
Concen: 0.519 ug/L
RT: 9.873 min Scan# 2747
Delta R.T. 0.009 min
Lab File: VV036088.D
Acq: 14 Jun 2024 12:41

Tgt Ion:105 Resp: 4750

Ion	Ratio	Lower	Upper
105	100		
120	22.0	21.0	31.6
77	15.2	12.6	18.8



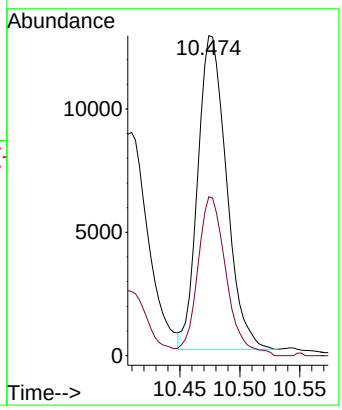


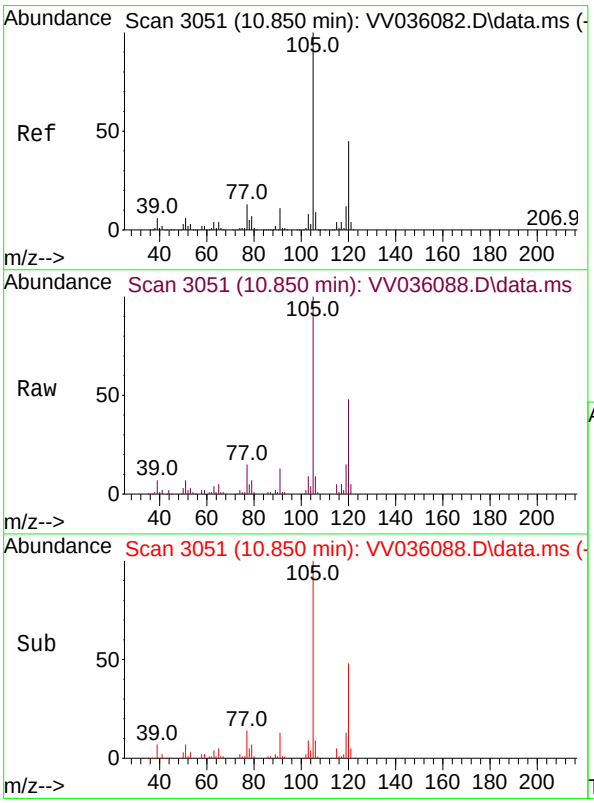
#62
1,3,5-Trimethylbenzene
Concen: 3.193 ug/L
RT: 10.474 min Scan# 2
Delta R.T. -0.000 min
Lab File: VV036088.D
Acq: 14 Jun 2024 12:41

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:105 Resp: 21170

Ion	Ratio	Lower	Upper
105	100		
120	50.5	38.6	58.0

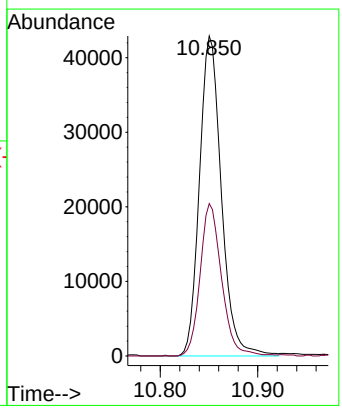


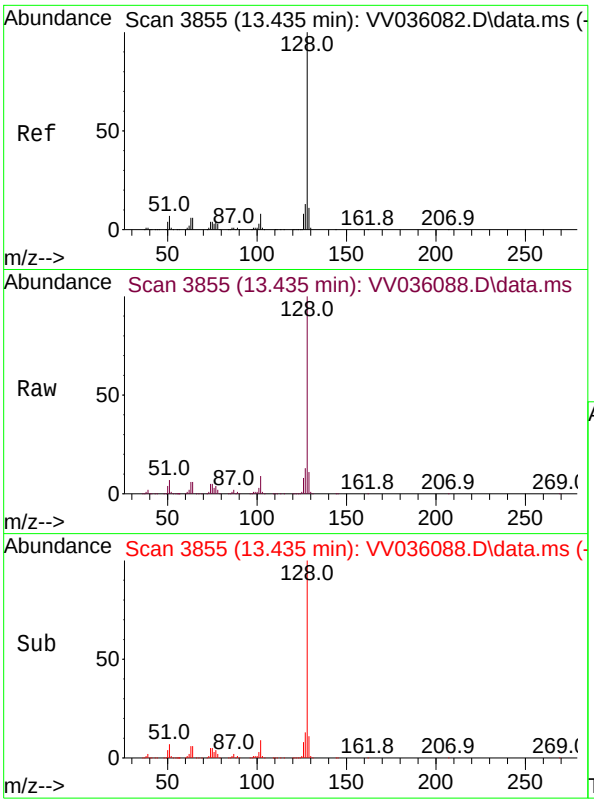


#63
1,2,4-Trimethylbenzene
Concen: 9.392 ug/L
RT: 10.850 min Scan# 3051
Delta R.T. -0.000 min
Lab File: VV036088.D
Acq: 14 Jun 2024 12:41

Tgt Ion:105 Resp: 67091

Ion	Ratio	Lower	Upper
105	100		
120	46.4	36.2	54.4





#71
Naphthalene
Concen: 183.816 ug/L
RT: 13.435 min Scan# 3
Delta R.T. -0.000 min
Lab File: VV036088.D
Acq: 14 Jun 2024 12:41

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 848377

Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.6	16.0
129	10.9	8.8	13.2