Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028460.D
Acq On : 09 Oct 2022 00:39
Operator : SY/MD
Sample : N4923-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10005

Quant Time: Oct 09 05:54:56 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Oct 08 02:10:35 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	371826	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	340666	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	178755	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	102821	35.838	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 71.680%			
7) Chloroethane-d5	1.565	69	85700	37.672	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 75.340%			
11) 1,1-Dichloroethene-d2	2.188	63	235	0.048	ug/L	0.08
Spiked Amount 50.000	Range 60 - 125		Recovery = 0.100%#			
21) 2-Butanone-d5	3.905	46	175884	70.030	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 70.030%			
24) Chloroform-d	4.343	84	230105	43.730	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.460%			
26) 1,2-Dichloroethane-d4	5.027	65	155643	45.865	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.720%			
32) Benzene-d6	5.044	84	478172	43.804	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.600%			
36) 1,2-Dichloropropane-d6	6.066	67	150326	42.237	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 84.480%			
41) Toluene-d8	7.310	98	436045	44.616	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 89.240%			
43) trans-1,3-Dichloroprop...	7.616	79	74129	40.863	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 81.720%			
47) 2-Hexanone-d5	8.085	63	161448	83.389	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 83.390%			
56) 1,1,2,2-Tetrachloroeth...	10.207	84	203237	41.730	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 83.460%			
66) 1,2-Dichlorobenzene-d4	11.616	152	163324	44.095	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 88.180%			
Target Compounds						Qvalue
8) Chloroethane	1.452	64	331256	172.529	ug/L #	52
14) Carbon disulfide	2.291	76	3793	0.545	ug/L #	85
27) 1,2-Dichloroethane	5.092	62	34183	8.819	ug/L #	74
33) Benzene	5.092	78	3782000	337.551	ug/L	100
42) Toluene	7.384	91	306858	26.571	ug/L	99
52) Ethylbenzene	9.005	91	1354356	107.596	ug/L	100
53) m,p-Xylene	9.130	106	195571	40.991	ug/L	100
54) o-Xylene	9.535	106	147878	30.955	ug/L	98
55) Styrene	9.539	104	8081	0.985	ug/L #	1
60) Isopropylbenzene	9.924	105	169569	13.164	ug/L	99
62) 1,3,5-Trimethylbenzene	10.532	105	92797	8.318	ug/L	98
63) 1,2,4-Trimethylbenzene	10.905	105	266423	24.060	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.448	75	28646	24.598	ug/L #	2
71) Naphthalene	13.490	128	2985080	254.467	ug/L	100

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

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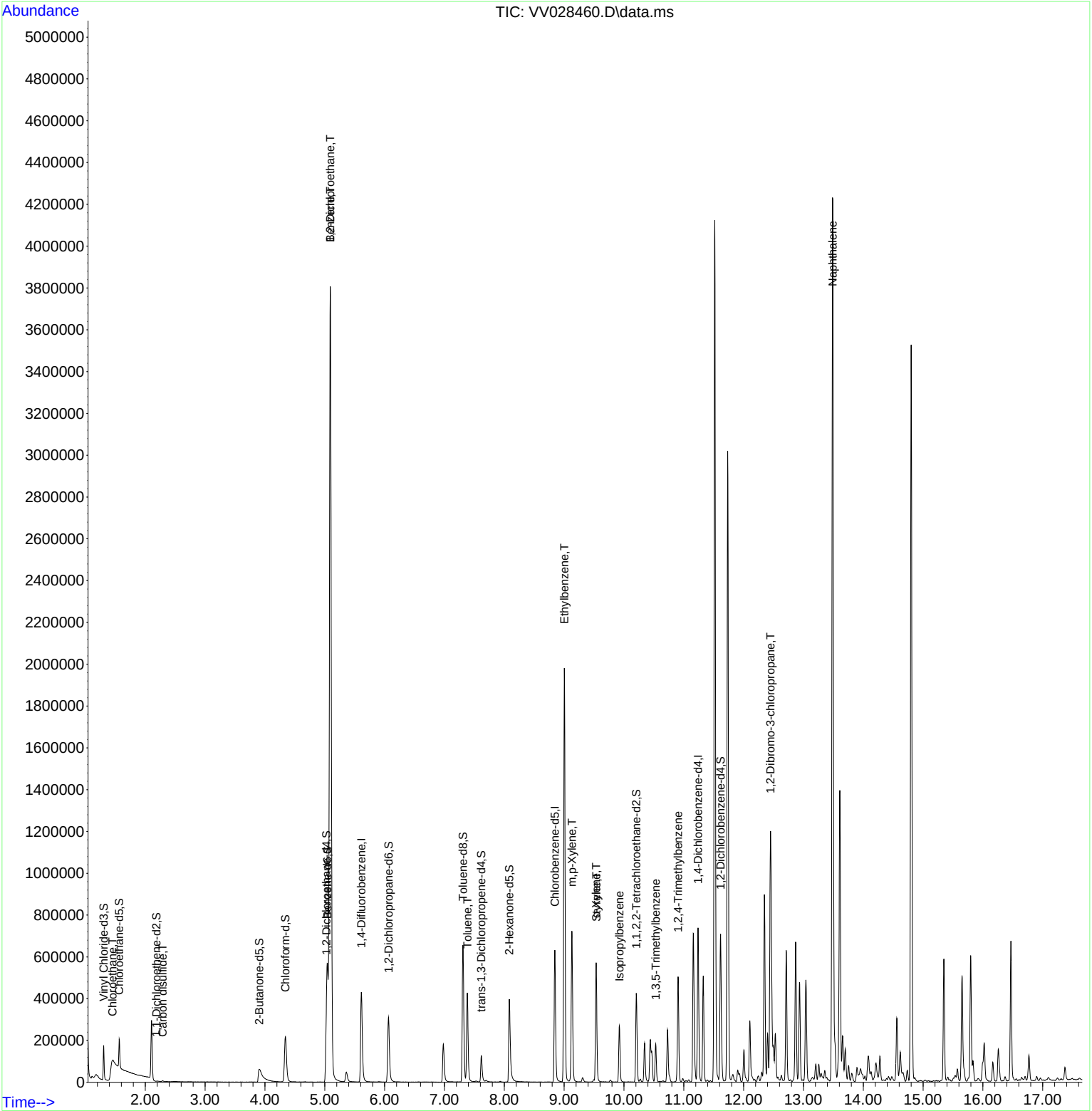
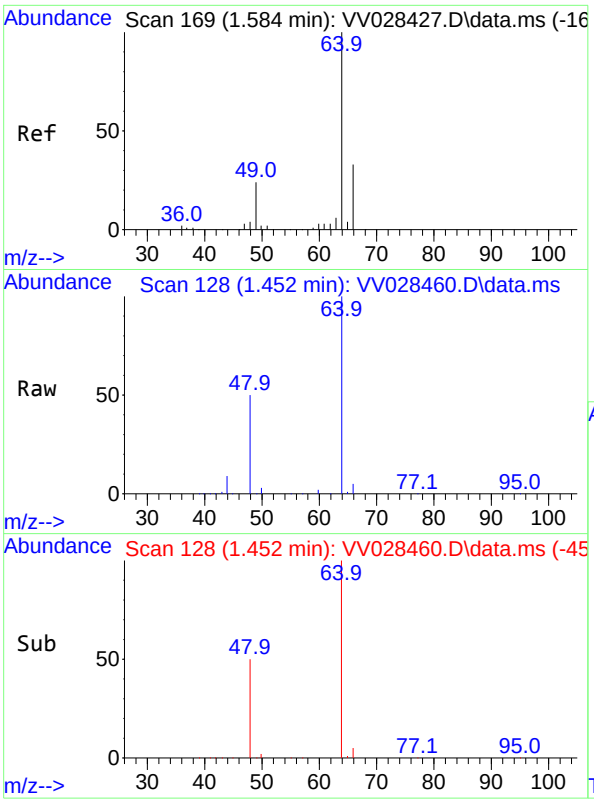
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Oct 08 02:10:35 2022
Response via : Initial Calibration



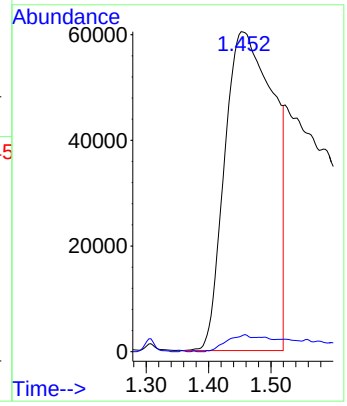


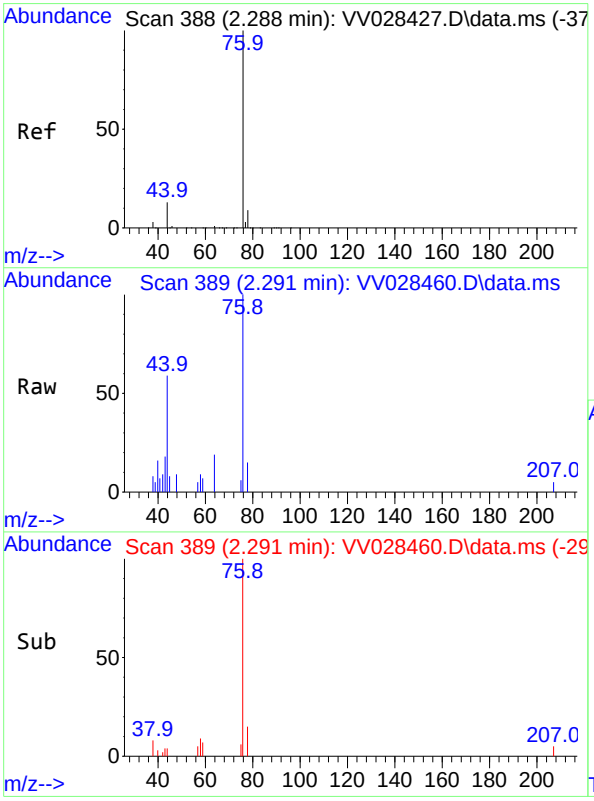
#8
Chloroethane
Concen: 172.529 ug/L
RT: 1.452 min Scan# 1
Delta R.T. -0.132 min
Lab File: VV028460.D
Acq: 09 Oct 2022 00:39

Instrument :
MSVOA_V
ClientSampleId :
E10005

Tgt Ion: 64 Resp: 331256

Ion	Ratio	Lower	Upper
64	100		
66	4.8	22.2	41.2#

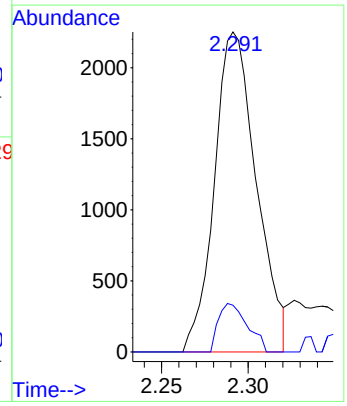


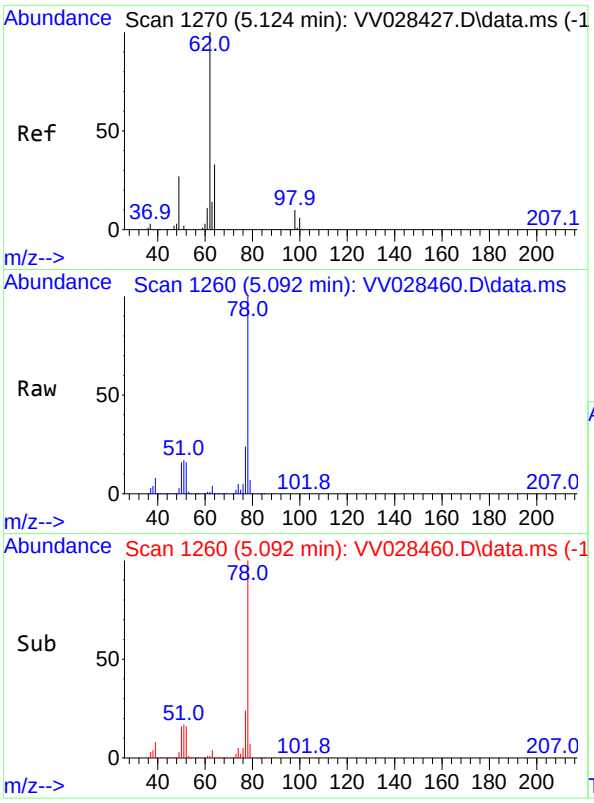


#14
Carbon disulfide
Concen: 0.545 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.003 min
Lab File: VV028460.D
Acq: 09 Oct 2022 00:39

Tgt Ion: 76 Resp: 3793

Ion	Ratio	Lower	Upper
76	100		
78	14.6	7.4	11.0#



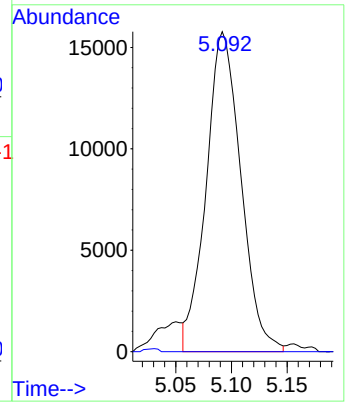


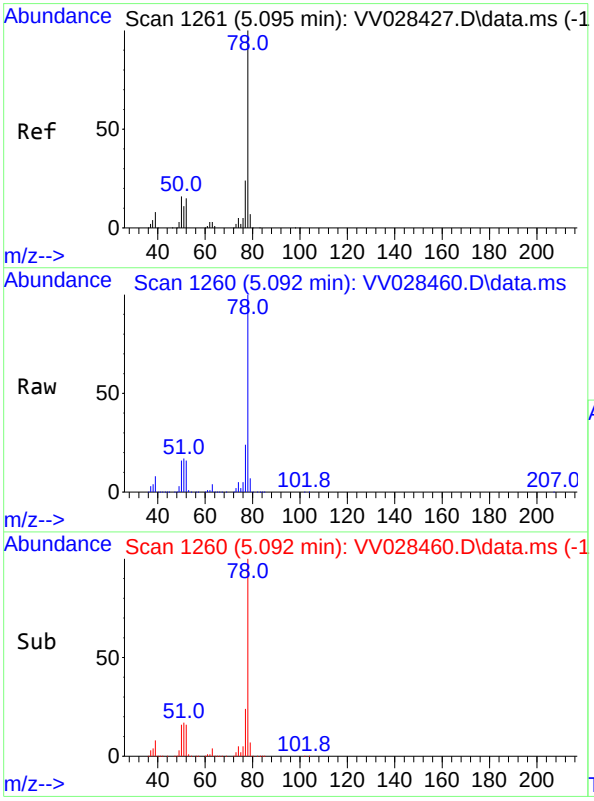
#27
1,2-Dichloroethane
Concen: 8.819 ug/L
RT: 5.092 min Scan# 1
Delta R.T. -0.032 min
Lab File: VV028460.D
Acq: 09 Oct 2022 00:39

Instrument :
MSVOA_V
ClientSampleId :
E10005

Tgt Ion: 62 Resp: 34183

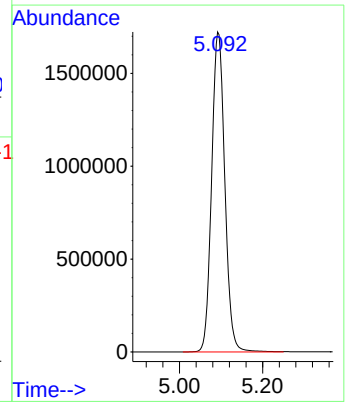
Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.6	11.4#

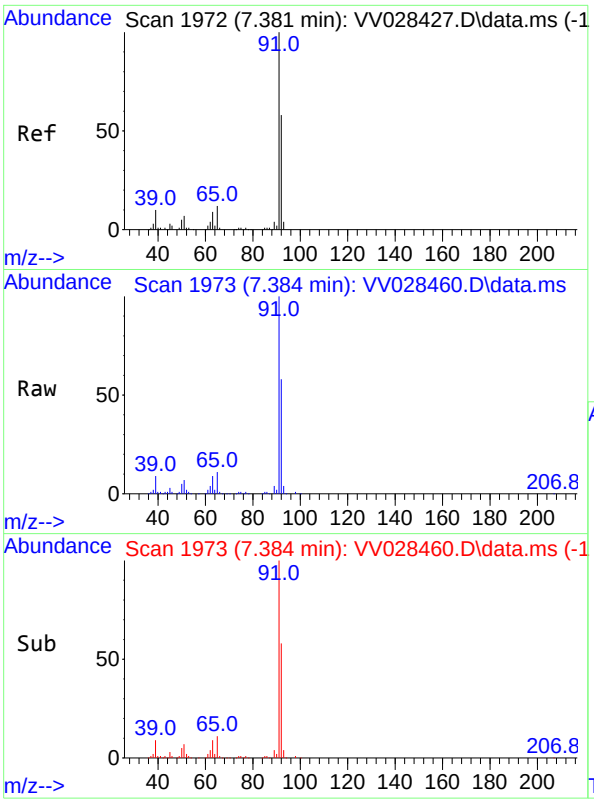




#33
Benzene
Concen: 337.551 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. -0.003 min
Lab File: VV028460.D
Acq: 09 Oct 2022 00:39

Tgt Ion: 78 Resp: 3782000



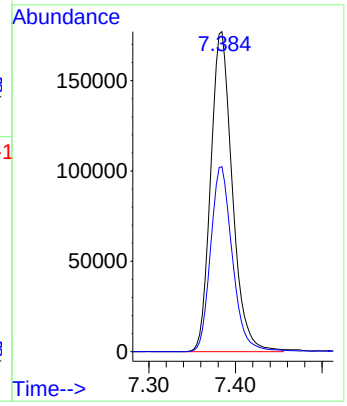


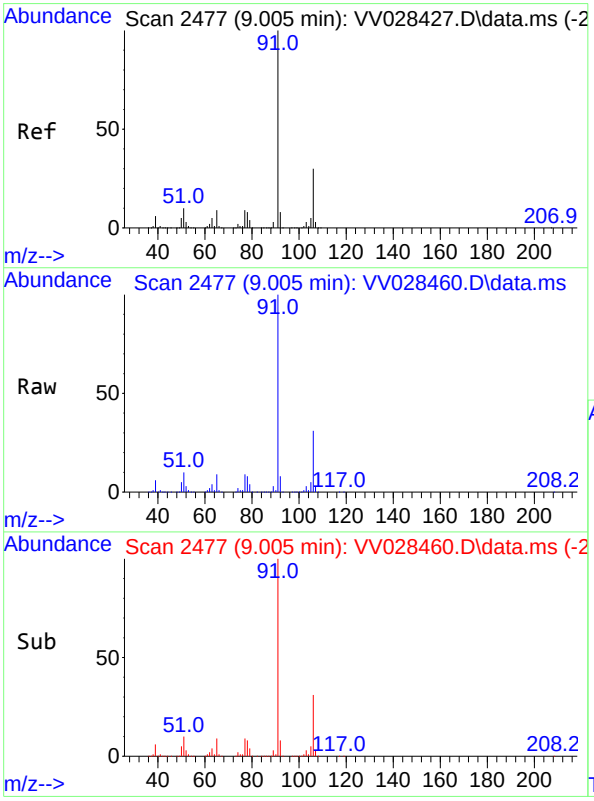
#42
Toluene
Concen: 26.571 ug/L
RT: 7.384 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV028460.D
Acq: 09 Oct 2022 00:39

Instrument :
MSVOA_V
ClientSampleId :
E10005

Tgt Ion: 91 Resp: 306858

Ion	Ratio	Lower	Upper
91	100		
92	57.8	40.9	76.0

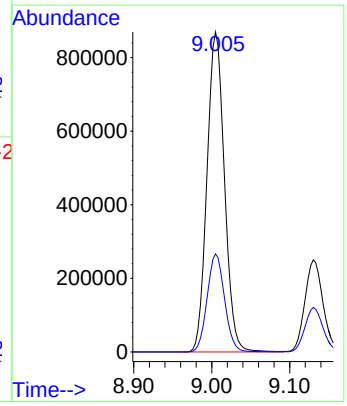


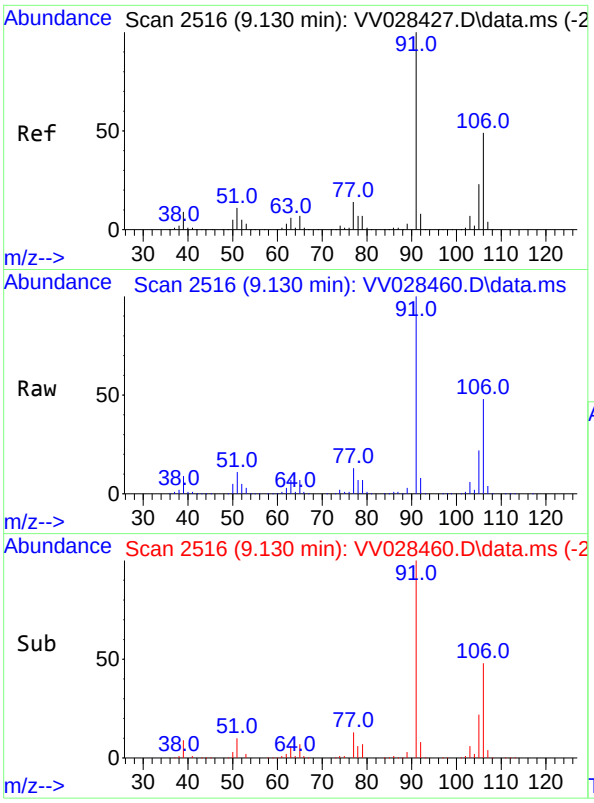


#52
Ethylbenzene
Concen: 107.596 ug/L
RT: 9.005 min Scan# 2477
Delta R.T. 0.000 min
Lab File: VV028460.D
Acq: 09 Oct 2022 00:39

Tgt Ion: 91 Resp: 1354356

Ion	Ratio	Lower	Upper
91	100		
106	30.7	21.4	39.8



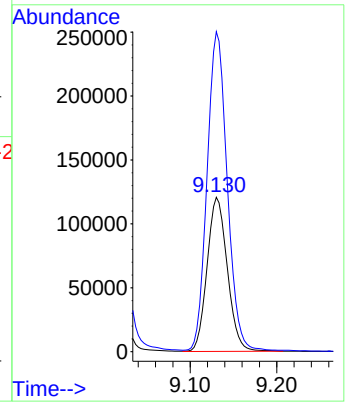


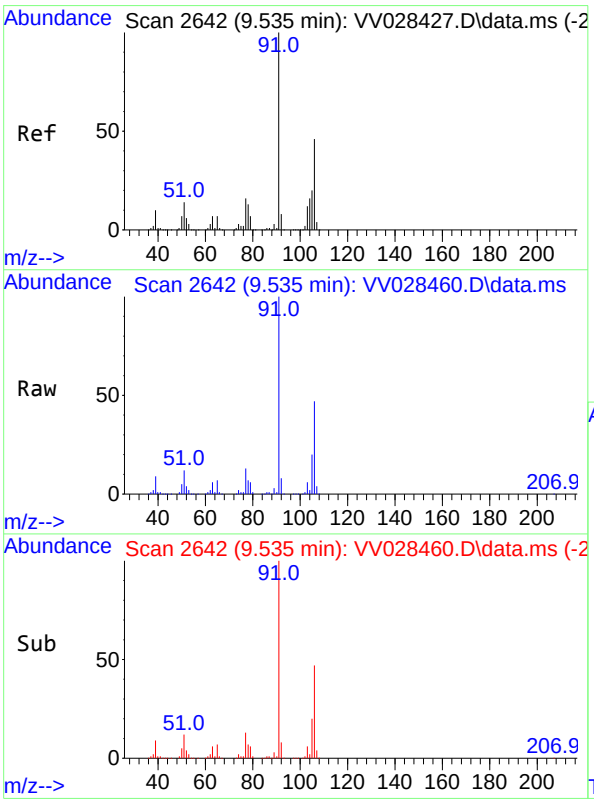
#53
m,p-Xylene
Concen: 40.991 ug/L
RT: 9.130 min Scan# 2
Delta R.T. 0.000 min
Lab File: VV028460.D
Acq: 09 Oct 2022 00:39

Instrument :
MSVOA_V
ClientSampleId :
E10005

Tgt Ion:106 Resp: 195571

Ion	Ratio	Lower	Upper
106	100		
91	207.2	145.2	269.6

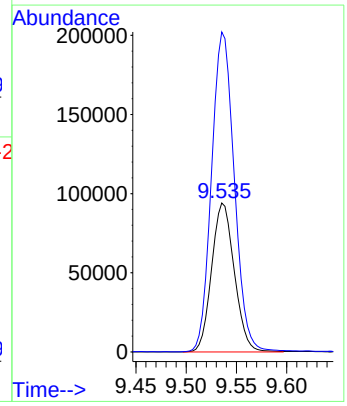


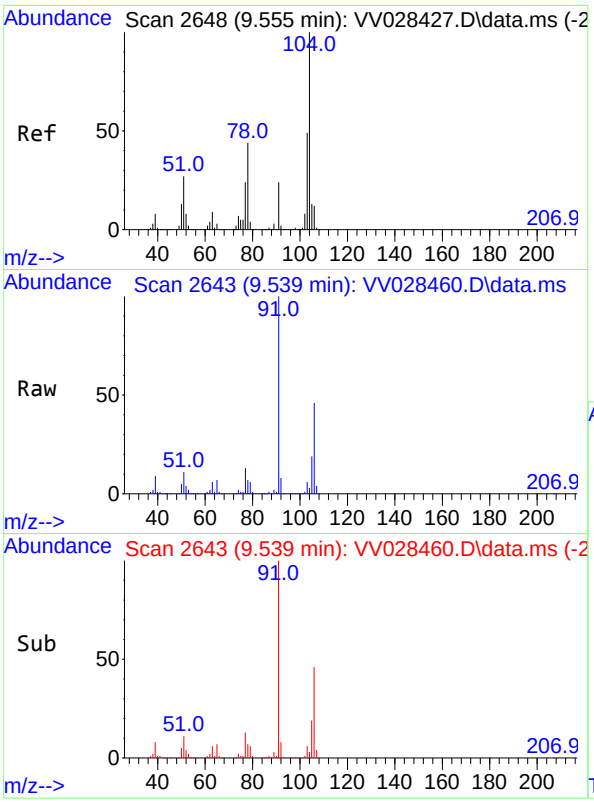


#54
o-Xylene
Concen: 30.955 ug/L
RT: 9.535 min Scan# 2642
Delta R.T. 0.000 min
Lab File: VV028460.D
Acq: 09 Oct 2022 00:39

Tgt Ion:106 Resp: 147878

Ion	Ratio	Lower	Upper
106	100		
91	214.8	152.5	283.3



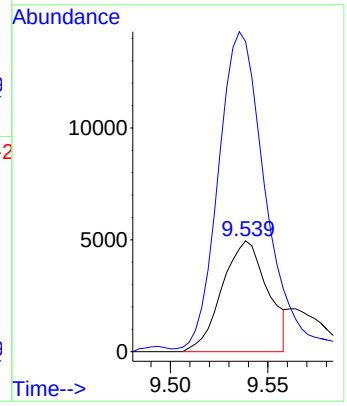


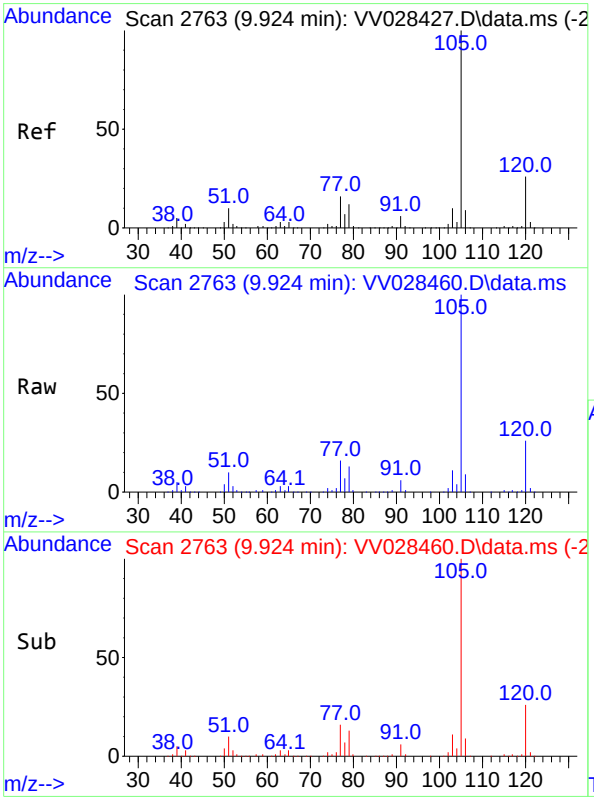
#55
Styrene
Concen: 0.985 ug/L
RT: 9.539 min Scan# 2
Delta R.T. -0.016 min
Lab File: VV028460.D
Acq: 09 Oct 2022 00:39

Instrument :
MSVOA_V
ClientSampleId :
E10005

Tgt Ion:104 Resp: 8081

Ion	Ratio	Lower	Upper
104	100		
78	279.6	31.9	59.2#

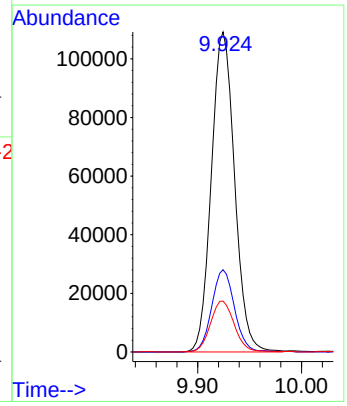


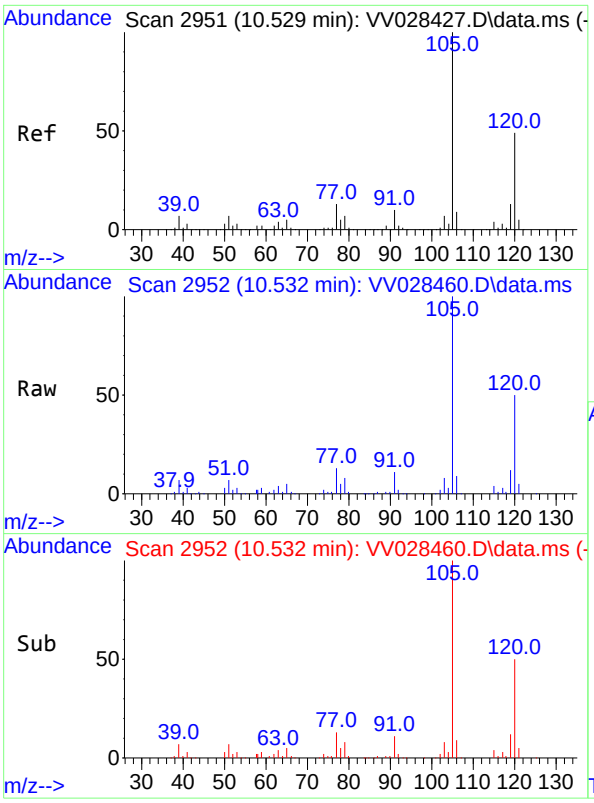


#60
Isopropylbenzene
Concen: 13.164 ug/L
RT: 9.924 min Scan# 2763
Delta R.T. 0.000 min
Lab File: VV028460.D
Acq: 09 Oct 2022 00:39

Tgt Ion:105 Resp: 169569

Ion	Ratio	Lower	Upper
105	100		
120	25.2	20.5	30.7
77	16.4	12.7	19.1



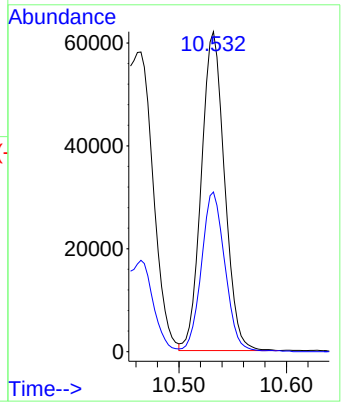


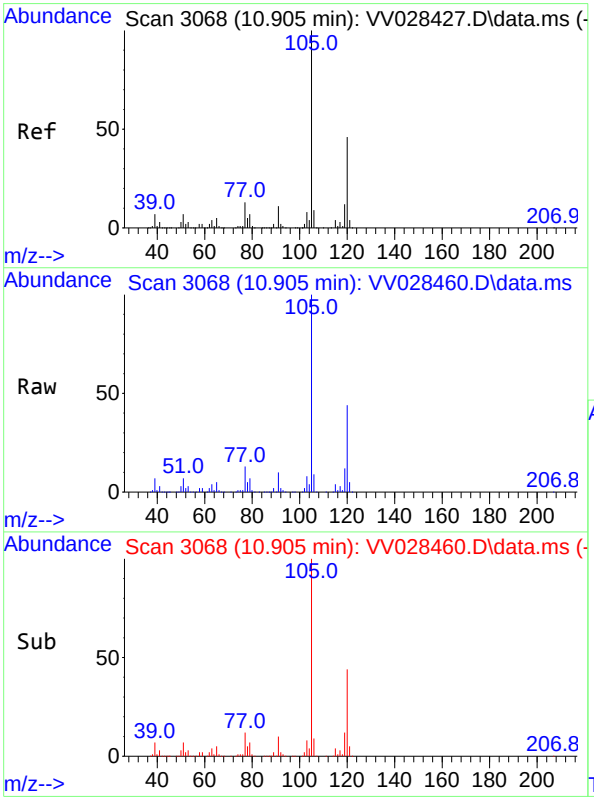
#62
1,3,5-Trimethylbenzene
Concen: 8.318 ug/L
RT: 10.532 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV028460.D
Acq: 09 Oct 2022 00:39

Instrument :
MSVOA_V
ClientSampleId :
E10005

Tgt Ion:105 Resp: 92797

Ion	Ratio	Lower	Upper
105	100		
120	50.0	39.1	58.7

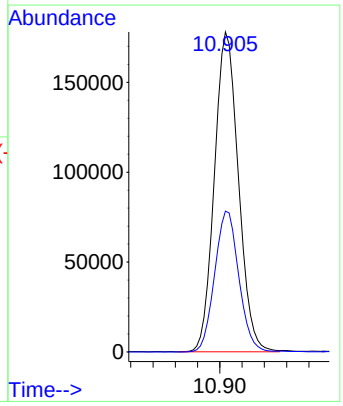


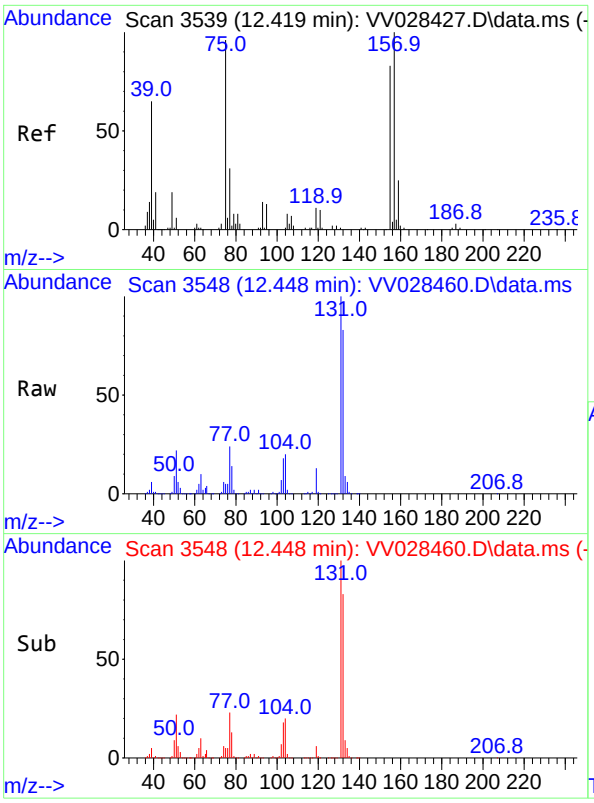


#63
1,2,4-Trimethylbenzene
Concen: 24.060 ug/L
RT: 10.905 min Scan# 3068
Delta R.T. 0.000 min
Lab File: VV028460.D
Acq: 09 Oct 2022 00:39

Tgt Ion:105 Resp: 266423

Ion	Ratio	Lower	Upper
105	100		
120	44.3	35.9	53.9



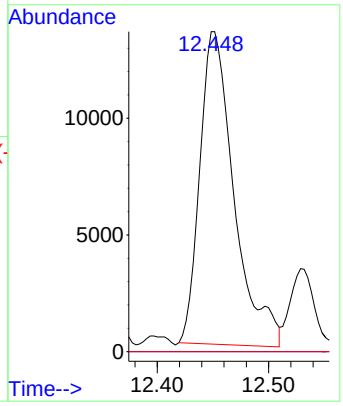


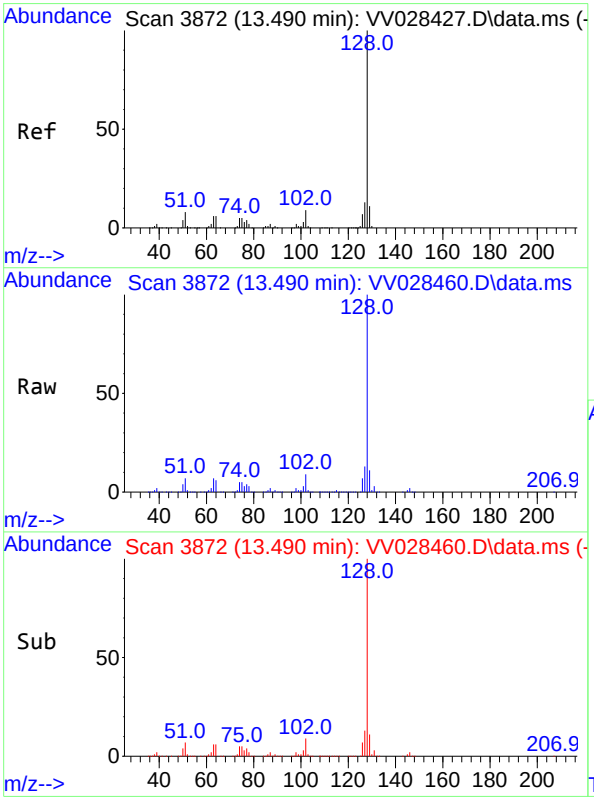
#68
1,2-Dibromo-3-chloropropane
Concen: 24.598 ug/L
RT: 12.448 min Scan# 3
Delta R.T. 0.029 min
Lab File: VV028460.D
Acq: 09 Oct 2022 00:39

Instrument :
MSVOA_V
ClientSampleId :
E10005

Tgt Ion: 75 Resp: 28646

Ion	Ratio	Lower	Upper
75	100		
155	0.0	65.0	97.6#
157	0.0	86.0	129.0#





#71
Naphthalene
Concen: 254.467 ug/L
RT: 13.490 min Scan# 3872
Delta R.T. 0.000 min
Lab File: VV028460.D
Acq: 09 Oct 2022 00:39

Tgt Ion:128 Resp: 2985080

Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.6	15.8
129	11.1	8.9	13.3