Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028461.D
Acq On : 09 Oct 2022 01:03
Operator : SY/MD
Sample : N4923-09
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10011

Quant Time: Oct 09 05:55:05 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	5.612	114	371751	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	346834	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	183367	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	96797	33.745	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 67.500%			
7) Chloroethane-d5	1.564	69	79855	35.109	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 70.220%			
11) 1,1-Dichloroethene-d2	2.105	63	137656	28.197	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 56.400%#			
21) 2-Butanone-d5	3.905	46	210320	83.758	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 83.760%			
24) Chloroform-d	4.342	84	225088	42.786	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 85.580%			
26) 1,2-Dichloroethane-d4	5.027	65	153299	45.183	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.360%			
32) Benzene-d6	5.047	84	471834	42.455	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 84.920%			
36) 1,2-Dichloropropane-d6	6.066	67	147426	40.686	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 81.380%			
41) Toluene-d8	7.310	98	428956	43.110	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 86.220%			
43) trans-1,3-Dichloroprop...	7.616	79	71802	38.876	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 77.760%			
47) 2-Hexanone-d5	8.085	63	179117	90.870	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 90.870%			
56) 1,1,2,2-Tetrachloroeth...	10.207	84	202220	40.783	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 81.560%			
66) 1,2-Dichlorobenzene-d4	11.615	152	159437	41.963	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 83.920%			
Target Compounds						Qvalue
8) Chloroethane	1.452	64	122137	63.626	ug/L #	52
14) Carbon disulfide	2.291	76	8106	1.166	ug/L #	95
27) 1,2-Dichloroethane	5.095	62	55781	14.394	ug/L #	74
33) Benzene	5.092	78	6239496	546.983	ug/L	100
35) Methylcyclohexane	6.066	83	34938	7.102	ug/L #	18
42) Toluene	7.381	91	530481	45.117	ug/L	100
52) Ethylbenzene	9.005	91	1656156	129.233	ug/L	99
53) m,p-Xylene	9.130	106	210377	43.311	ug/L	99
54) o-Xylene	9.535	106	217110	44.640	ug/L	98
55) Styrene	9.554	104	29280	3.506	ug/L #	45
60) Isopropylbenzene	9.924	105	178292	13.493	ug/L	99
62) 1,3,5-Trimethylbenzene	10.532	105	59724	5.219	ug/L	100
63) 1,2,4-Trimethylbenzene	10.905	105	309285	27.228	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.455	75	42497	35.574	ug/L #	2
71) Naphthalene	13.490	128	3015298	250.578	ug/L	100

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

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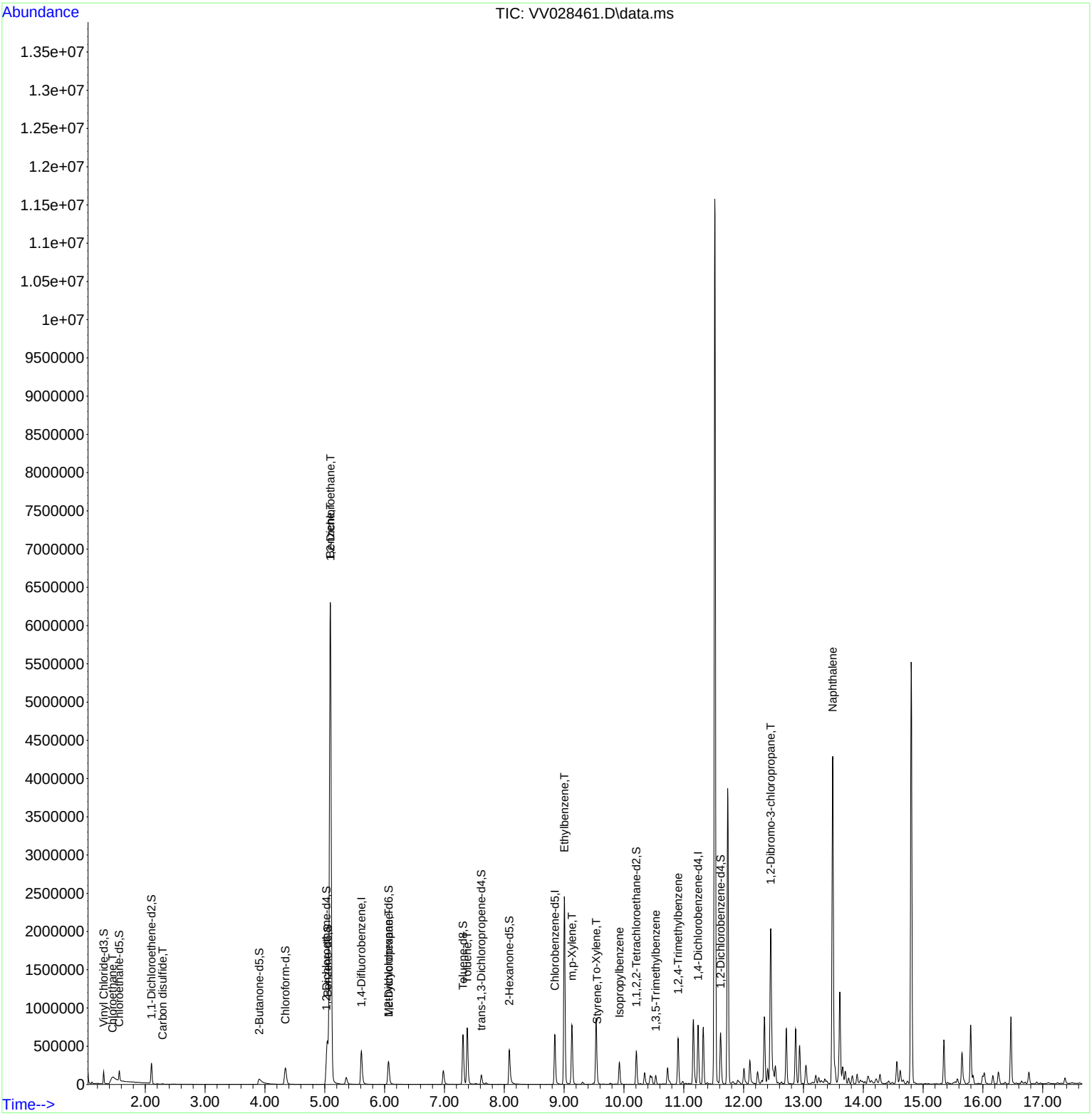
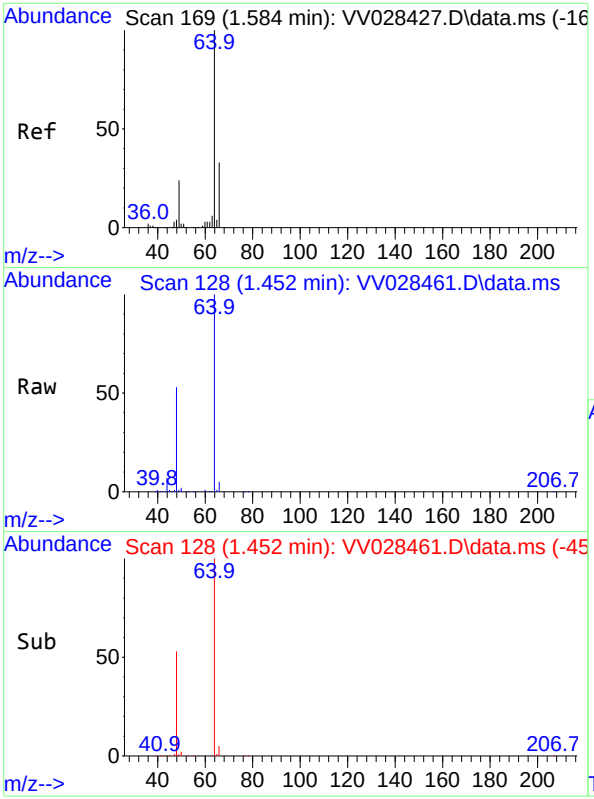


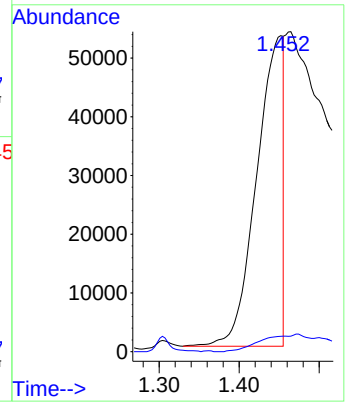


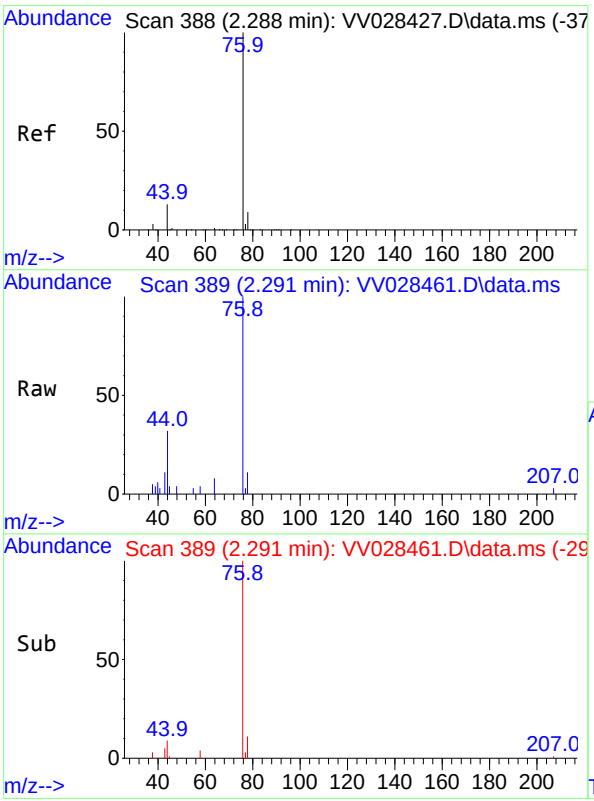
#8
Chloroethane
Concen: 63.626 ug/L
RT: 1.452 min Scan# 1
Delta R.T. -0.132 min
Lab File: VV028461.D
Acq: 09 Oct 2022 01:03

Instrument :
MSVOA_V
ClientSampleId :
E10011

Tgt Ion: 64 Resp: 122137

Ion	Ratio	Lower	Upper
64	100		
66	4.9	22.2	41.2#

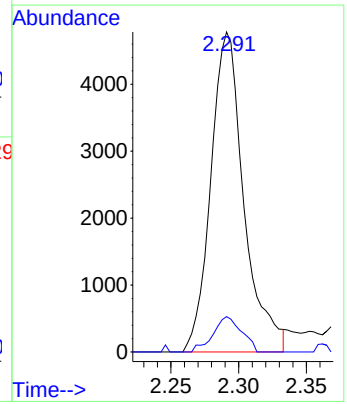


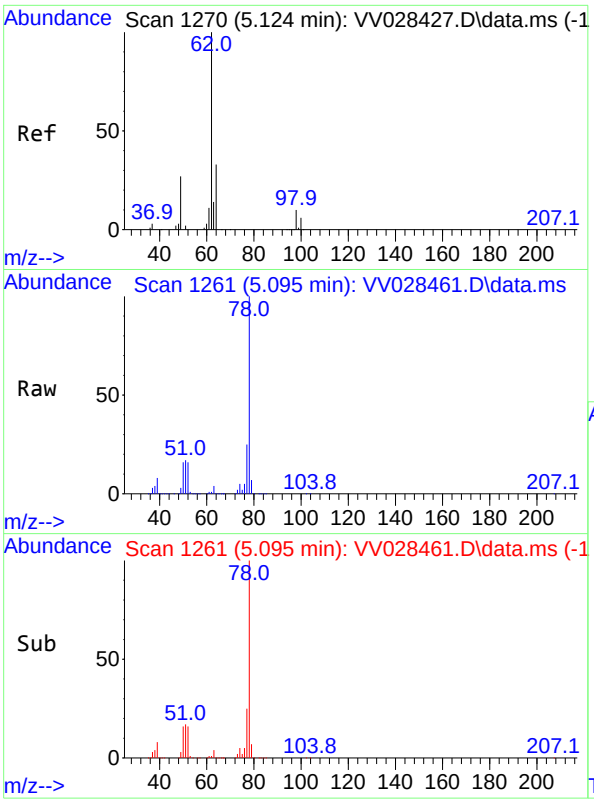


#14
Carbon disulfide
Concen: 1.166 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.003 min
Lab File: VV028461.D
Acq: 09 Oct 2022 01:03

Tgt Ion: 76 Resp: 8106

Ion	Ratio	Lower	Upper
76	100		
78	11.0	7.4	11.0#



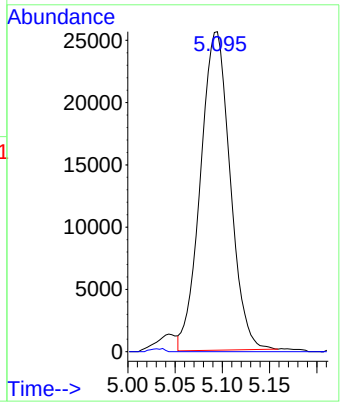


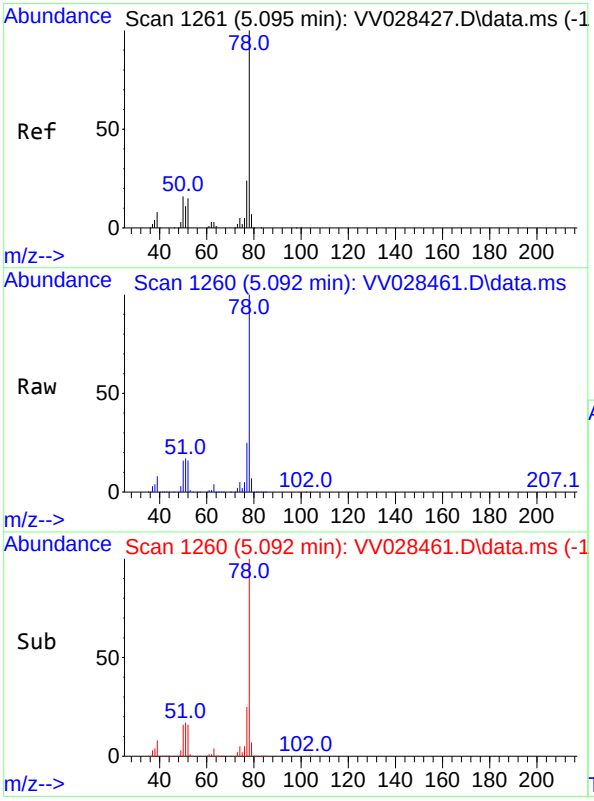
#27
1,2-Dichloroethane
Concen: 14.394 ug/L
RT: 5.095 min Scan# 1
Delta R.T. -0.029 min
Lab File: VV028461.D
Acq: 09 Oct 2022 01:03

Instrument :
MSVOA_V
ClientSampleId :
E10011

Tgt Ion: 62 Resp: 55781

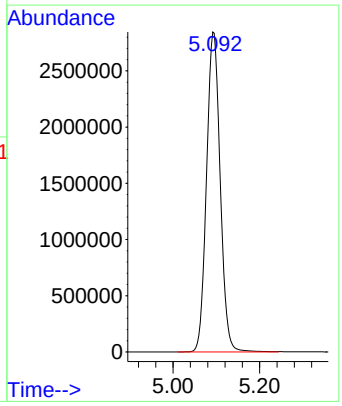
Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.6	11.4#

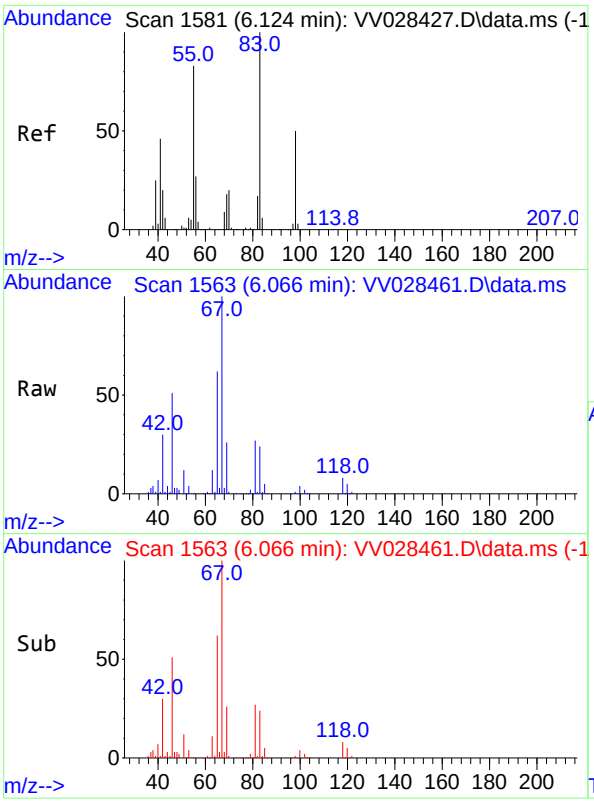




#33
Benzene
Concen: 546.983 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. -0.003 min
Lab File: VV028461.D
Acq: 09 Oct 2022 01:03

Tgt Ion: 78 Resp: 6239496



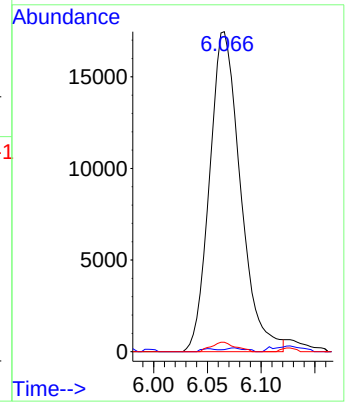


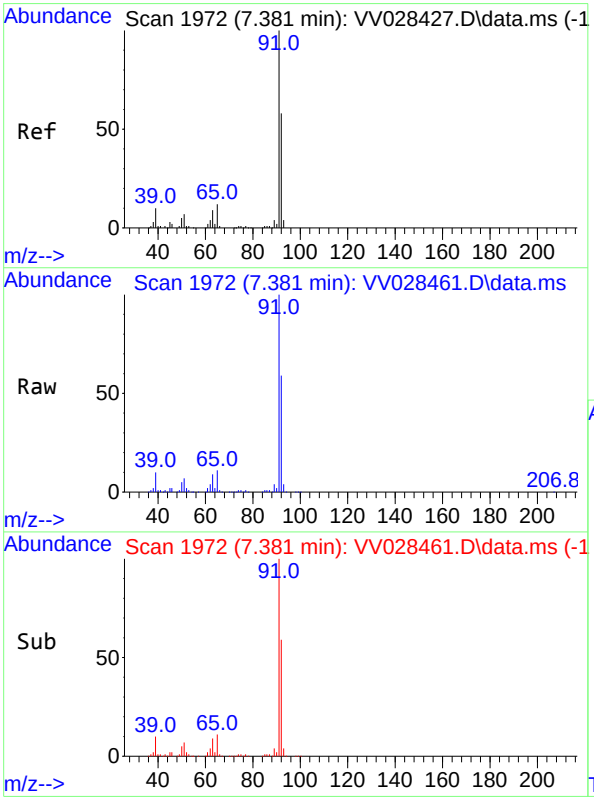
#35
Methylcyclohexane
Concen: 7.102 ug/L
RT: 6.066 min Scan# 1
Delta R.T. -0.058 min
Lab File: VV028461.D
Acq: 09 Oct 2022 01:03

Instrument :
MSVOA_V
ClientSampleId :
E10011

Tgt Ion: 83 Resp: 34938

Ion	Ratio	Lower	Upper
83	100		
55	0.3	63.7	95.5#
98	2.3	38.2	57.2#

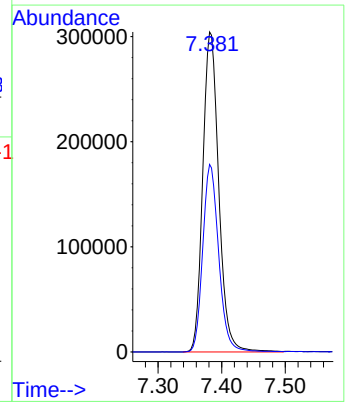


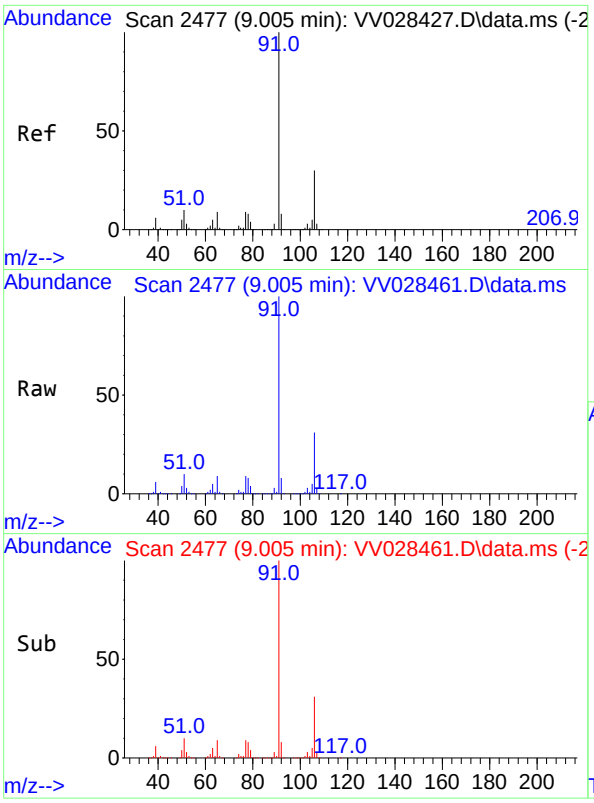


#42
Toluene
Concen: 45.117 ug/L
RT: 7.381 min Scan# 1972
Delta R.T. -0.000 min
Lab File: VV028461.D
Acq: 09 Oct 2022 01:03

Tgt Ion: 91 Resp: 530481

Ion	Ratio	Lower	Upper
91	100		
92	58.6	40.9	76.0



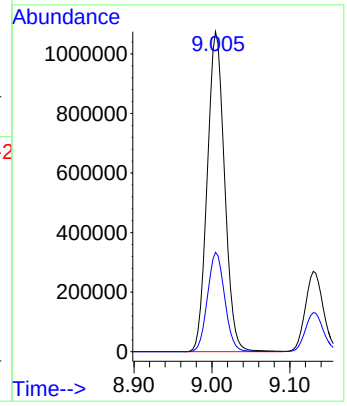


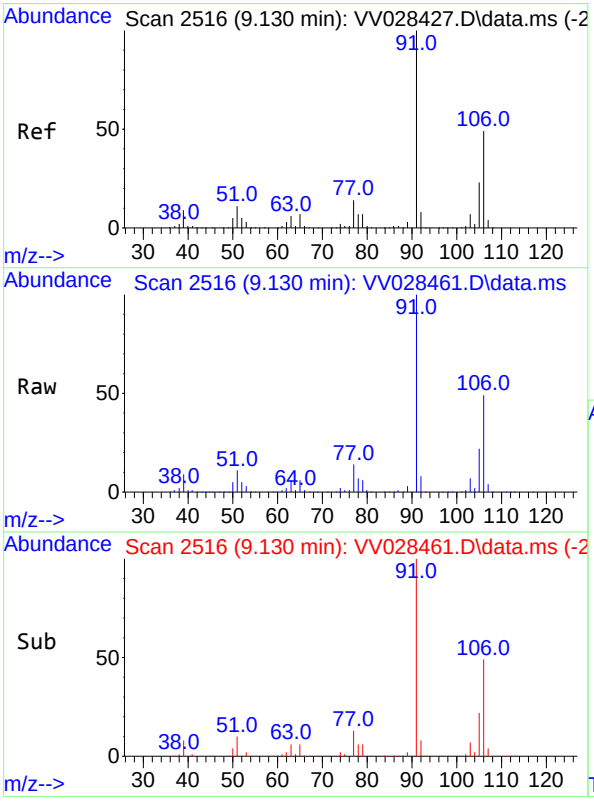
#52
Ethylbenzene
Concen: 129.233 ug/L
RT: 9.005 min Scan# 24
Delta R.T. -0.000 min
Lab File: VV028461.D
Acq: 09 Oct 2022 01:03

Instrument :
MSVOA_V
ClientSampleId :
E10011

Tgt Ion: 91 Resp: 1656156

Ion	Ratio	Lower	Upper
91	100		
106	31.0	21.4	39.8

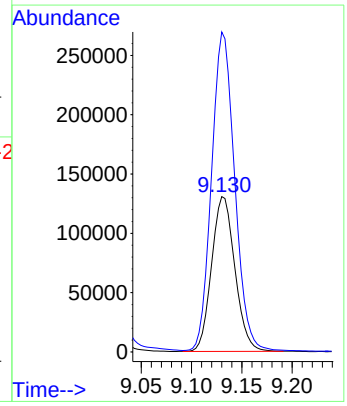


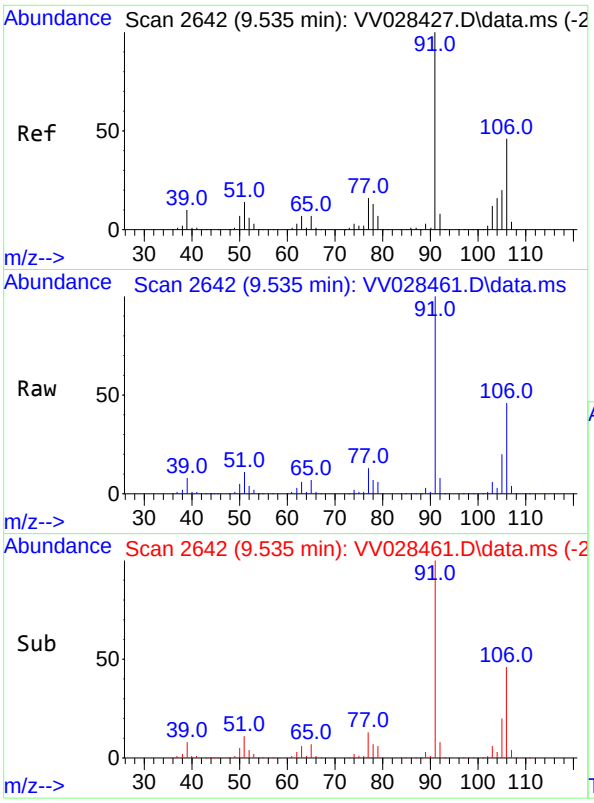


#53
m,p-Xylene
Concen: 43.311 ug/L
RT: 9.130 min Scan# 2516
Delta R.T. -0.000 min
Lab File: VV028461.D
Acq: 09 Oct 2022 01:03

Tgt Ion:106 Resp: 210377

Ion	Ratio	Lower	Upper
106	100		
91	205.9	145.2	269.6



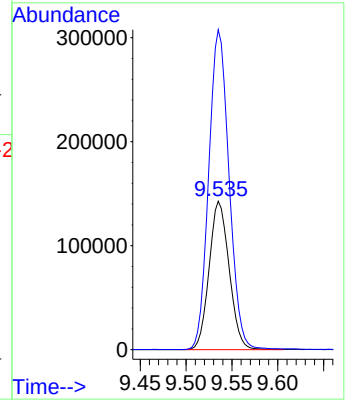


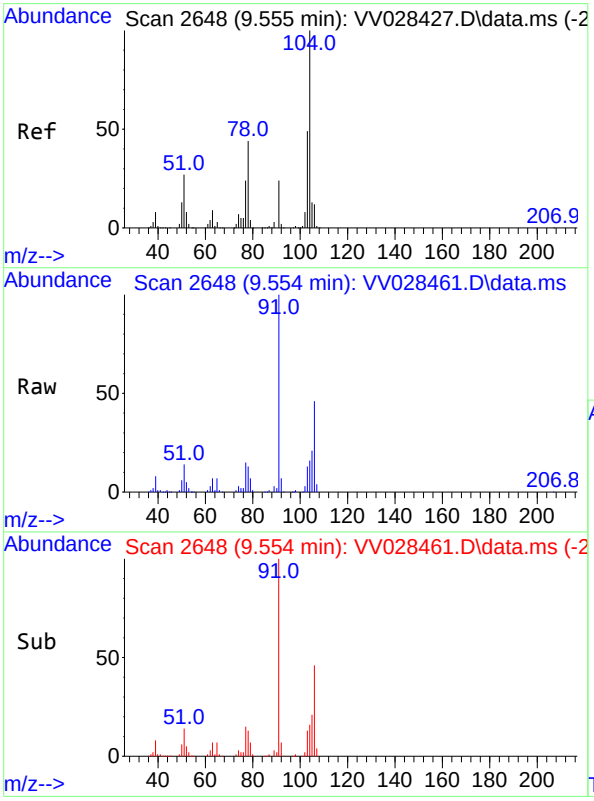
#54
o-Xylene
Concen: 44.640 ug/L
RT: 9.535 min Scan# 2
Delta R.T. -0.000 min
Lab File: VV028461.D
Acq: 09 Oct 2022 01:03

Instrument :
MSVOA_V
ClientSampleId :
E10011

Tgt Ion:106 Resp: 217110

Ion	Ratio	Lower	Upper
106	100		
91	215.5	152.5	283.3

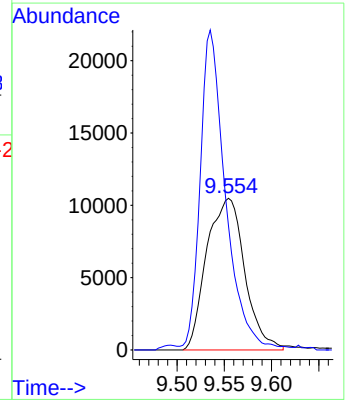


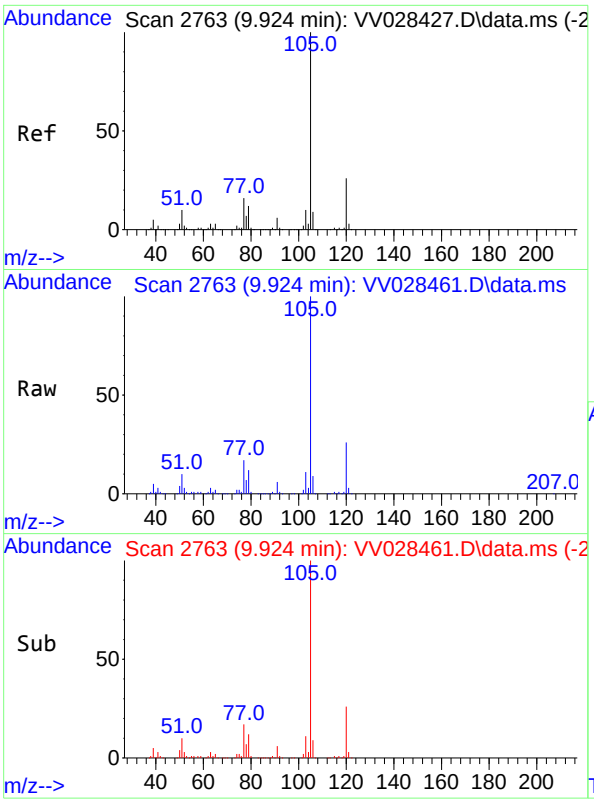


#55
Styrene
Concen: 3.506 ug/L
RT: 9.554 min Scan# 2648
Delta R.T. -0.000 min
Lab File: VV028461.D
Acq: 09 Oct 2022 01:03

Tgt Ion:104 Resp: 29280

Ion	Ratio	Lower	Upper
104	100		
78	81.9	31.9	59.2#



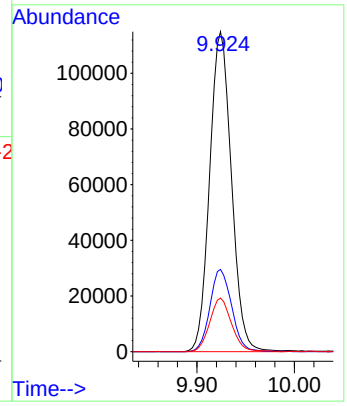


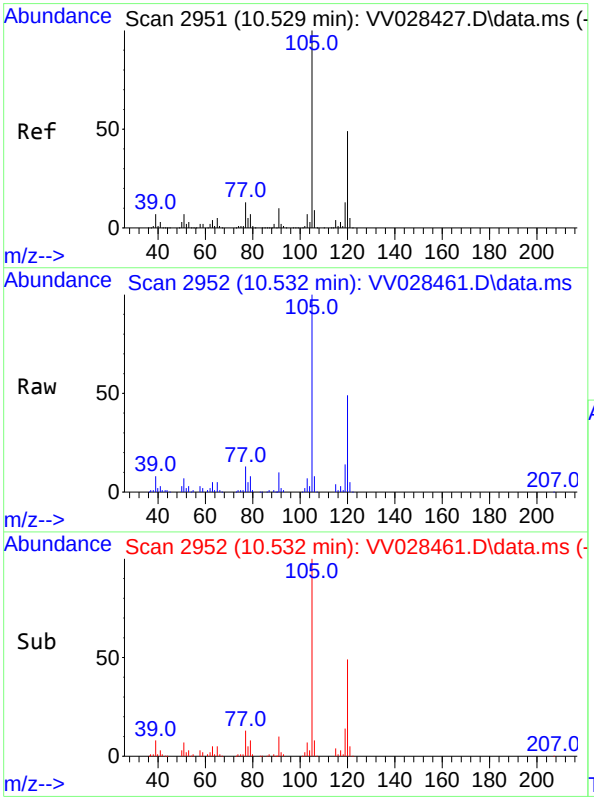
#60
Isopropylbenzene
Concen: 13.493 ug/L
RT: 9.924 min Scan# 2
Delta R.T. -0.000 min
Lab File: VV028461.D
Acq: 09 Oct 2022 01:03

Instrument :
MSVOA_V
ClientSampleId :
E10011

Tgt Ion:105 Resp: 178292

Ion	Ratio	Lower	Upper
105	100		
120	25.7	20.5	30.7
77	16.8	12.7	19.1

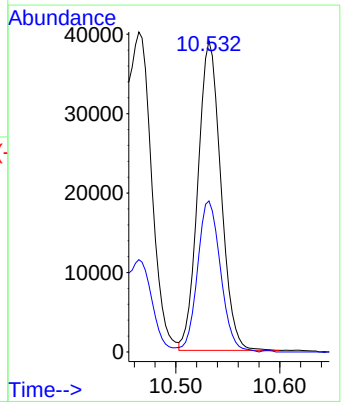


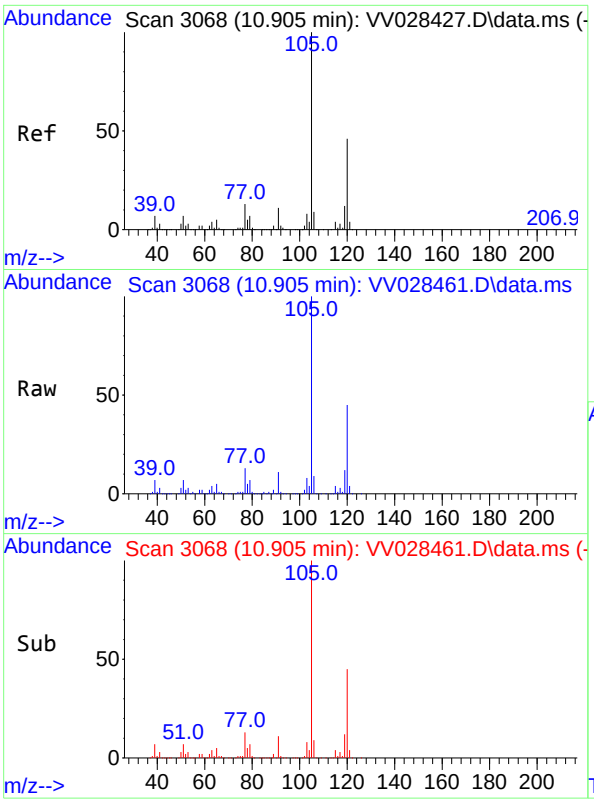


#62
1,3,5-Trimethylbenzene
Concen: 5.219 ug/L
RT: 10.532 min Scan# 2952
Delta R.T. 0.003 min
Lab File: VV028461.D
Acq: 09 Oct 2022 01:03

Tgt Ion:105 Resp: 59724

Ion	Ratio	Lower	Upper
105	100		
120	49.0	39.1	58.7



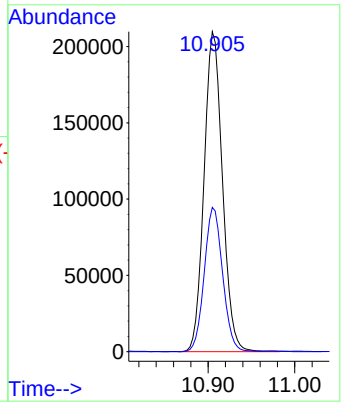


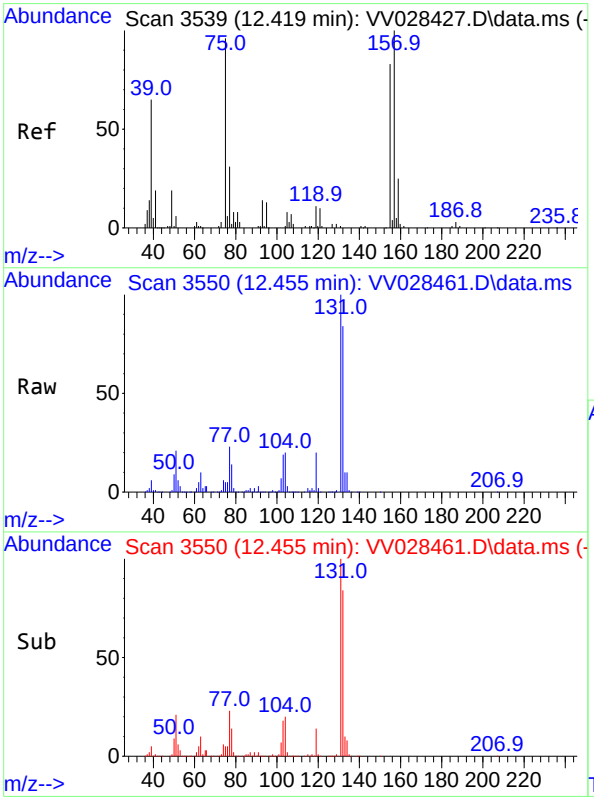
#63
1,2,4-Trimethylbenzene
Concen: 27.228 ug/L
RT: 10.905 min Scan# 3
Delta R.T. -0.000 min
Lab File: VV028461.D
Acq: 09 Oct 2022 01:03

Instrument :
MSVOA_V
ClientSampleId :
E10011

Tgt Ion:105 Resp: 309285

Ion	Ratio	Lower	Upper
105	100		
120	45.1	35.9	53.9

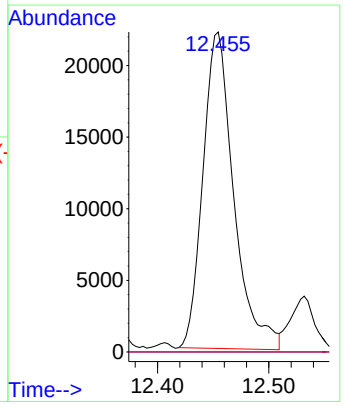


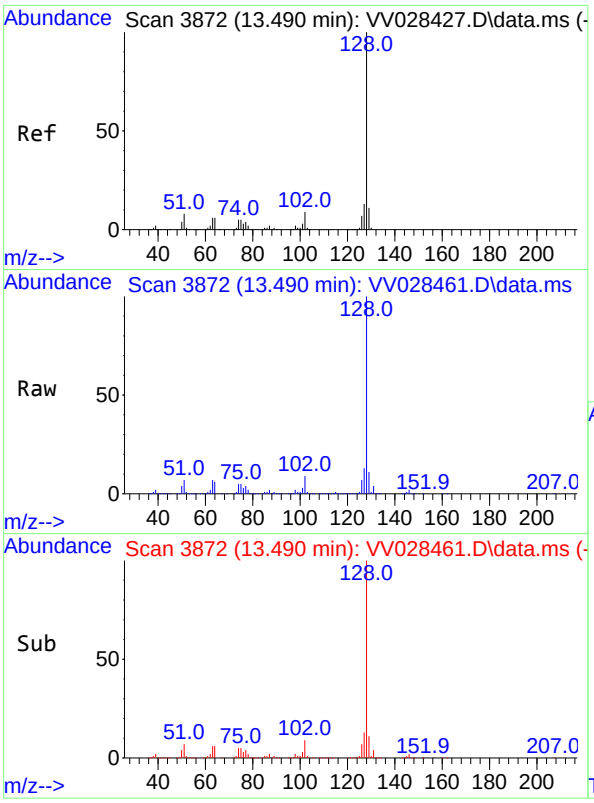


#68
1,2-Dibromo-3-chloropropane
Concen: 35.574 ug/L
RT: 12.455 min Scan# 3550
Delta R.T. 0.035 min
Lab File: VV028461.D
Acq: 09 Oct 2022 01:03

Tgt Ion: 75 Resp: 42497

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





#71
Naphthalene
Concen: 250.578 ug/L
RT: 13.490 min Scan# 3
Delta R.T. -0.000 min
Lab File: VV028461.D
Acq: 09 Oct 2022 01:03

Instrument :
MSVOA_V
ClientSampleId :
E10011

Tgt Ion:128 Resp: 3015298

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.6	15.8
129	11.1	8.9	13.3