Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102023\
Data File : VV032516.D
Acq On : 20 Oct 2023 11:52
Operator : SY/MD
Sample : 04903-11DL2 400X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Oct 20 23:05:14 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 20 23:03:10 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	91421	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	103978	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	52593	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	31303	4.210	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 84.200%			
7) Chloroethane-d5	1.532	69	29627	4.909	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 98.200%			
11) 1,1-Dichloroethene-d2	2.060	65	12556	4.004	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 80.000%			
20) 2-Butanone-d5	3.805	46	91996	48.912	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 97.820%			
24) Chloroform-d	4.252	84	59411	4.530	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.600%			
26) 1,2-Dichloroethane-d4	4.947	65	31156	5.015	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.200%			
32) Benzene-d6	4.963	84	113520	3.710	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 74.200%			
36) 1,2-Dichloropropane-d6	5.992	67	41366	4.081	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 81.600%			
41) Toluene-d8	7.246	98	96239	3.440	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 68.800%#			
43) trans-1,3-Dichloroprop...	7.558	79	12737	3.546	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 71.000%			
46) 2-Hexanone-d5	8.030	63	74700	44.199	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 88.400%			
56) 1,1,2,2-Tetrachloroeth...	10.156	84	32934	4.645	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 92.800%			
66) 1,2-Dichlorobenzene-d4	11.564	152	39679	4.066	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 81.400%			
Target Compounds						Qvalue
16) Methylene chloride	2.449	84	5690	0.651	ug/L	97
30) Cyclohexane	4.584	56	6843	0.440	ug/L #	92
35) Methylcyclohexane	6.053	83	2410	0.156	ug/L #	76
37) 1,2-Dichloropropane	5.992	63	4807	0.491	ug/L #	88
42) Toluene	7.317	91	437680	11.215	ug/L	100
52) Ethylbenzene	8.950	91	143835	3.310	ug/L	100
53) m,p-Xylene	9.075	106	167282	10.379	ug/L	98
54) o-Xylene	9.480	106	61204	3.941	ug/L	98
55) Styrene	9.480	104	4464	0.170	ug/L #	1
60) Isopropylbenzene	10.387	105	55263	1.352	ug/L	93
62) 1,3,5-Trimethylbenzene	10.480	105	16894	0.507	ug/L	99
63) 1,2,4-Trimethylbenzene	10.853	105	65174	1.965	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.194	75	440	0.385	ug/L #	1
71) Naphthalene	13.445	128	17757	0.824	ug/L	100

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

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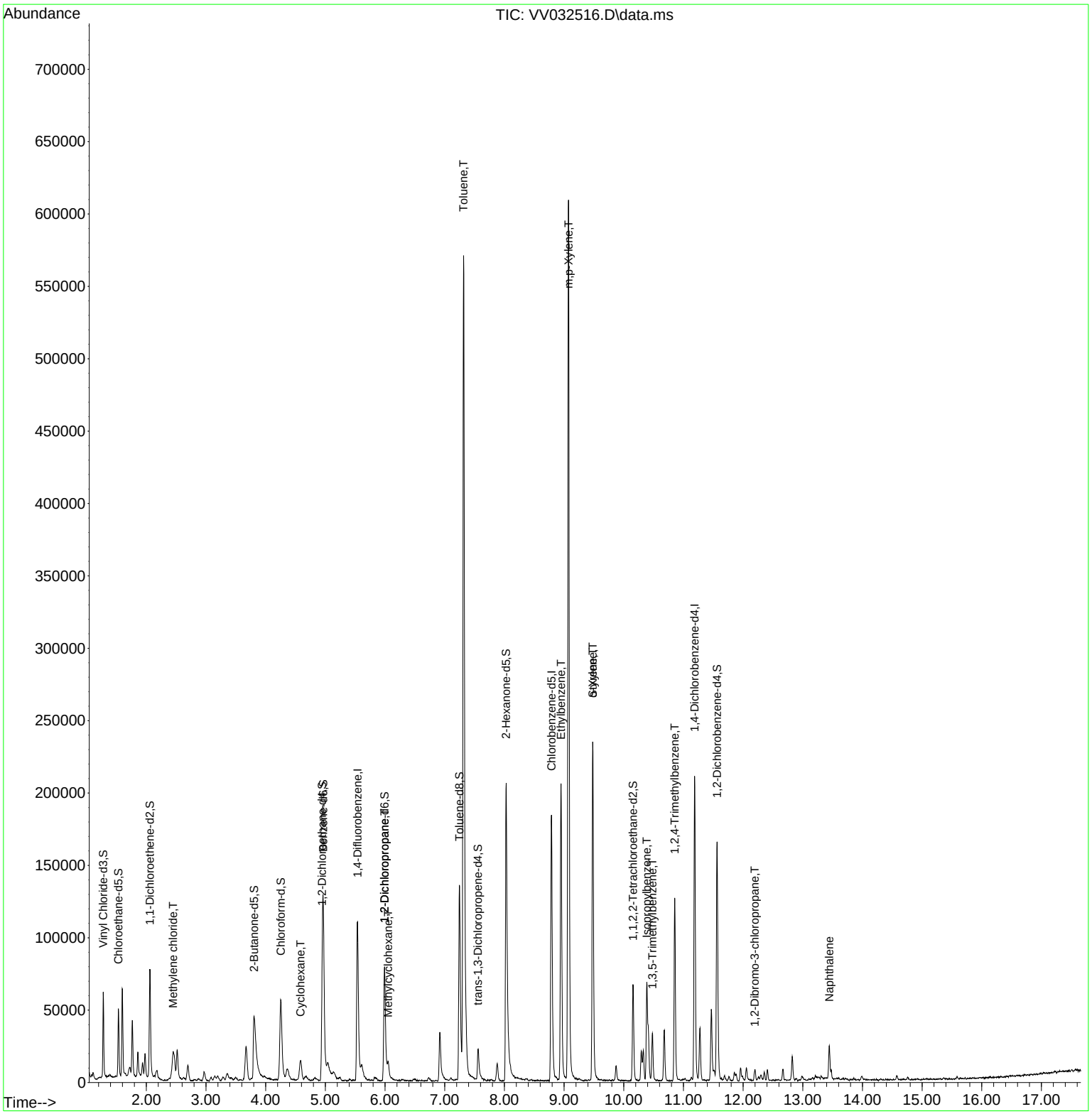
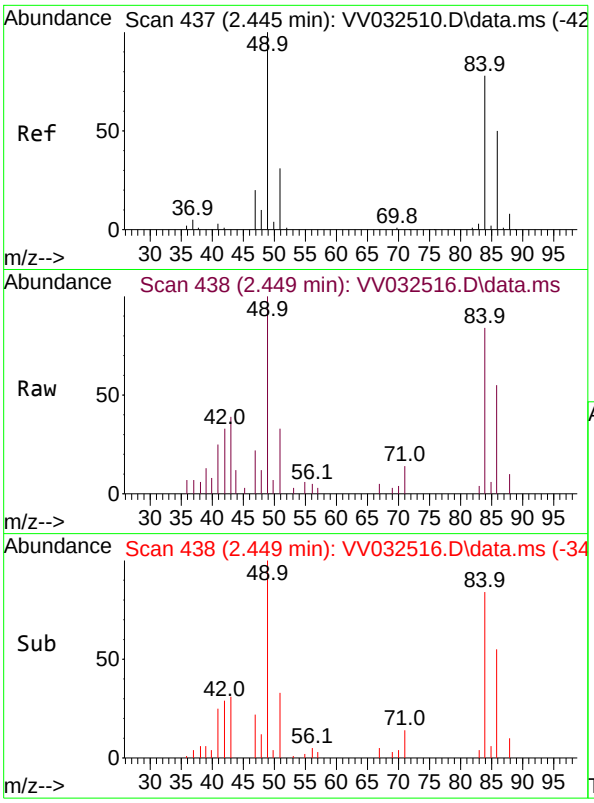
Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Oct 20 23:05:14 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 20 23:03:10 2023
Response via : Initial Calibration



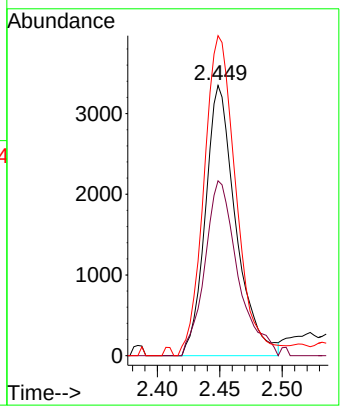


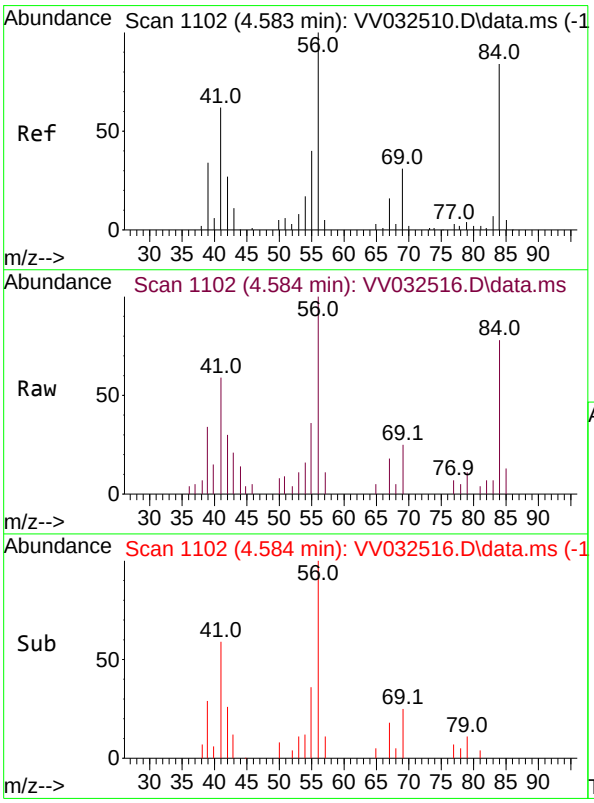
#16
Methylene chloride
Concen: 0.651 ug/L
RT: 2.449 min Scan# 4
Delta R.T. 0.003 min
Lab File: VV032516.D
Acq: 20 Oct 2023 11:52

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 84 Resp: 5690

Ion	Ratio	Lower	Upper
84	100		
86	64.7	43.2	80.2
49	126.8	86.3	160.3

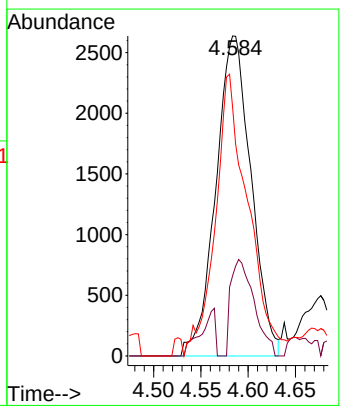


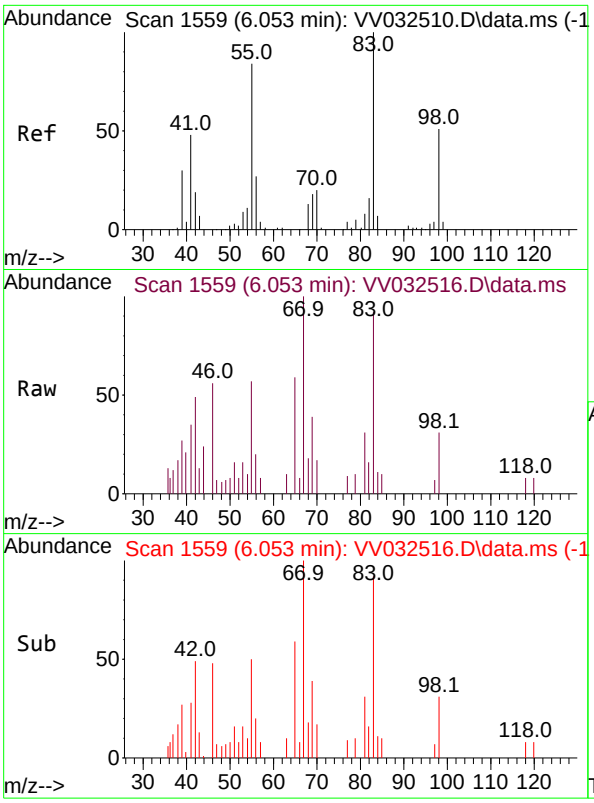


#30
Cyclohexane
Concen: 0.440 ug/L
RT: 4.584 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VV032516.D
Acq: 20 Oct 2023 11:52

Tgt Ion: 56 Resp: 6843

Ion	Ratio	Lower	Upper
56	100		
69	19.9	24.2	36.2#
84	81.4	68.1	102.1



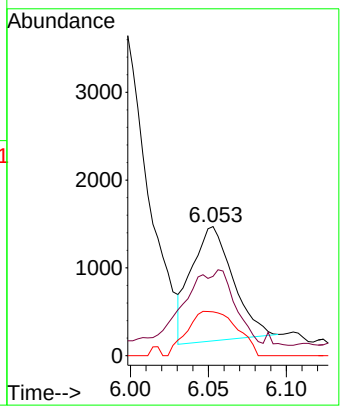


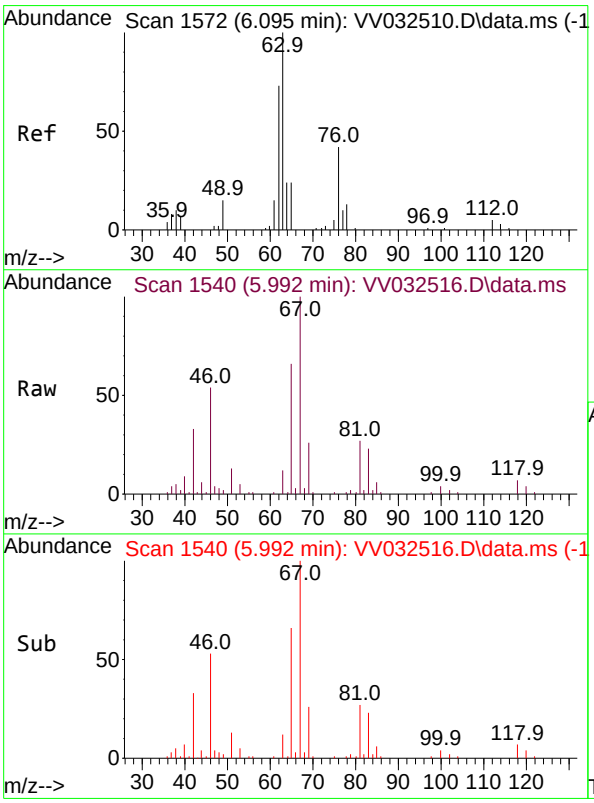
#35
Methylcyclohexane
Concen: 0.156 ug/L
RT: 6.053 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV032516.D
Acq: 20 Oct 2023 11:52

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 2410

Ion	Ratio	Lower	Upper
83	100		
55	112.5	64.2	96.2#
98	46.4	39.6	59.4

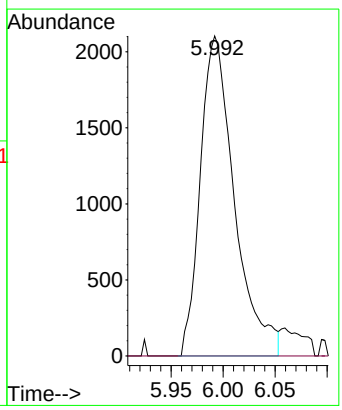


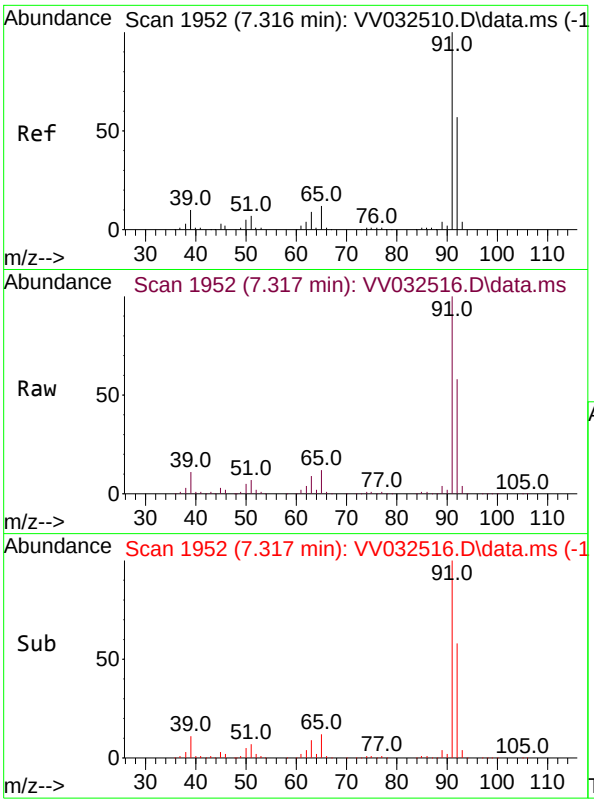


#37
1,2-Dichloropropane
Concen: 0.491 ug/L
RT: 5.992 min Scan# 1540
Delta R.T. -0.103 min
Lab File: VV032516.D
Acq: 20 Oct 2023 11:52

Tgt Ion: 63 Resp: 4807

Ion	Ratio	Lower	Upper
63	100		
112	0.4	3.4	5.2#



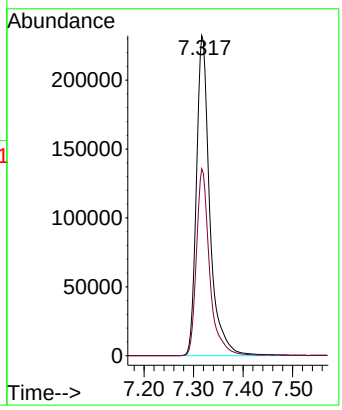


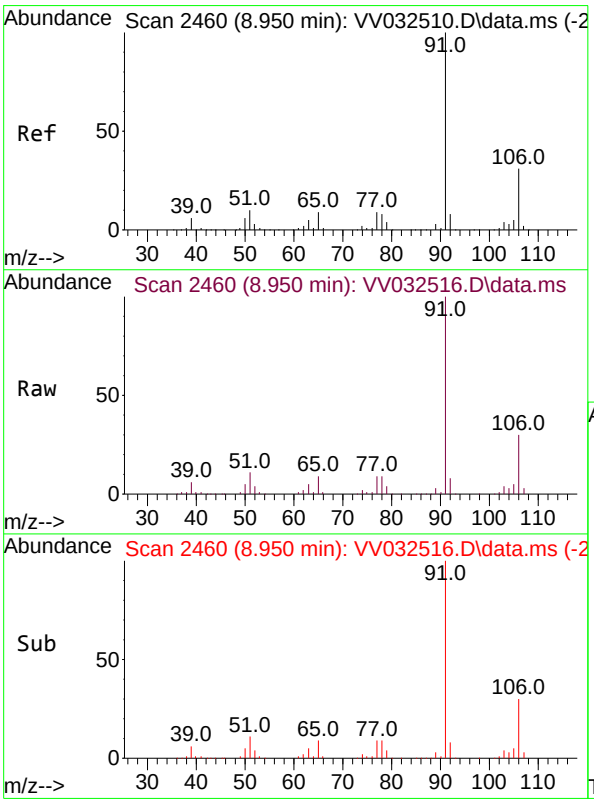
#42
Toluene
Concen: 11.215 ug/L
RT: 7.317 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV032516.D
Acq: 20 Oct 2023 11:52

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 91 Resp: 437680

Ion	Ratio	Lower	Upper
91	100		
92	58.4	40.8	75.8

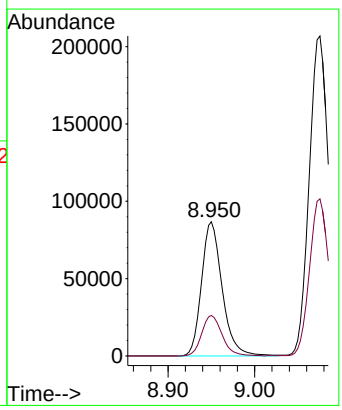


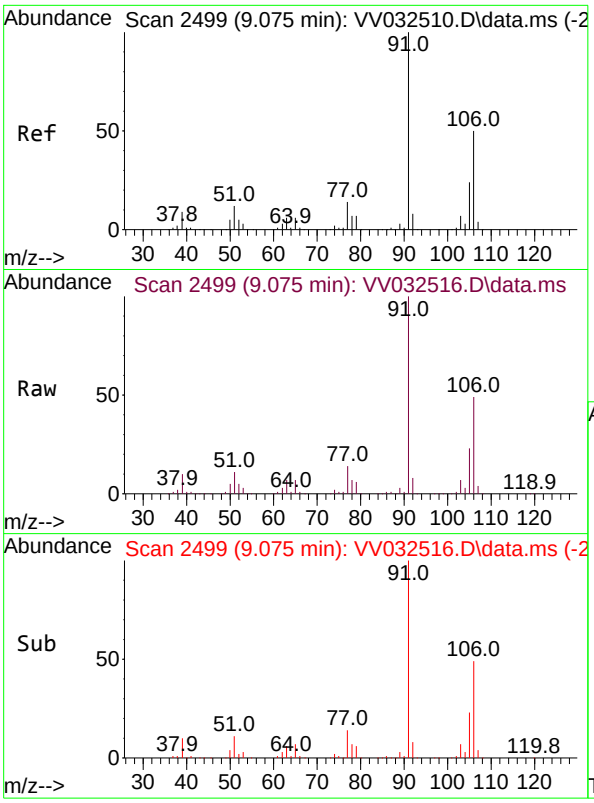


#52
Ethylbenzene
Concen: 3.310 ug/L
RT: 8.950 min Scan# 2460
Delta R.T. 0.000 min
Lab File: VV032516.D
Acq: 20 Oct 2023 11:52

Tgt Ion: 91 Resp: 143835

Ion	Ratio	Lower	Upper
91	100		
106	30.2	21.3	39.5



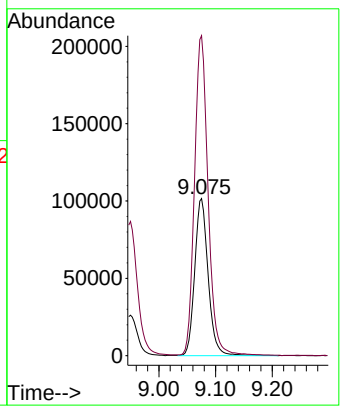


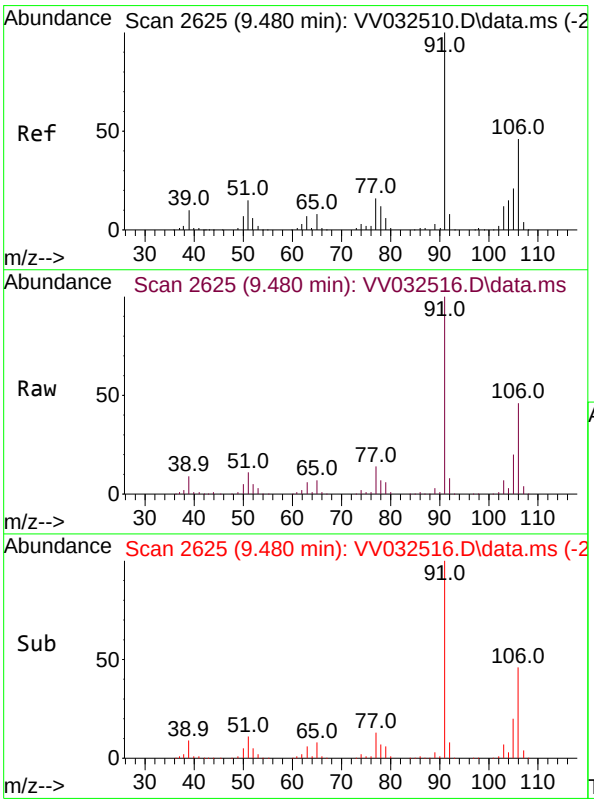
#53
m,p-Xylene
Concen: 10.379 ug/L
RT: 9.075 min Scan# 24
Delta R.T. 0.000 min
Lab File: VV032516.D
Acq: 20 Oct 2023 11:52

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:106 Resp: 167282

Ion	Ratio	Lower	Upper
106	100		
91	203.6	144.5	268.3

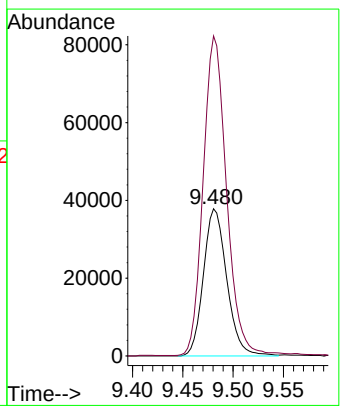


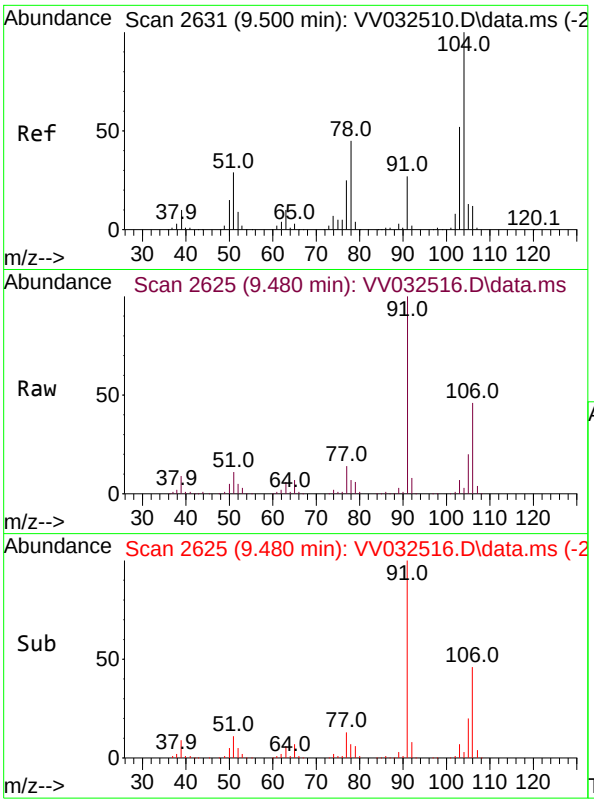


#54
o-Xylene
Concen: 3.941 ug/L
RT: 9.480 min Scan# 2625
Delta R.T. 0.000 min
Lab File: VV032516.D
Acq: 20 Oct 2023 11:52

Tgt Ion:106 Resp: 61204

Ion	Ratio	Lower	Upper
106	100		
91	217.3	154.8	287.4



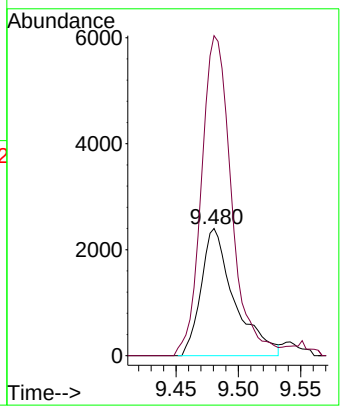


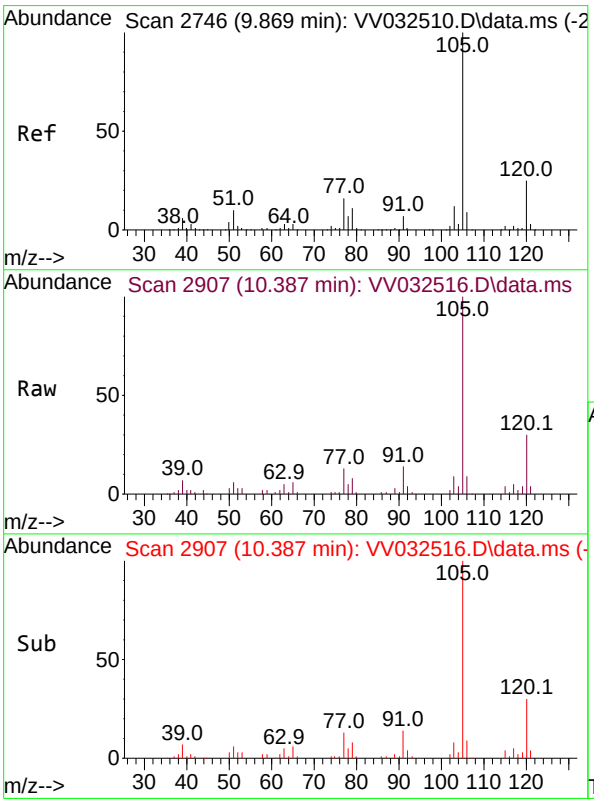
#55
Styrene
Concen: 0.170 ug/L
RT: 9.480 min Scan# 2
Delta R.T. -0.019 min
Lab File: VV032516.D
Acq: 20 Oct 2023 11:52

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:104 Resp: 4464

Ion	Ratio	Lower	Upper
104	100		
78	251.6	29.9	55.5#

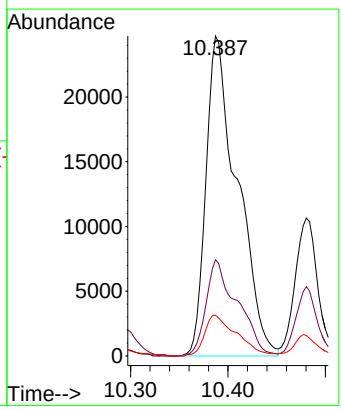


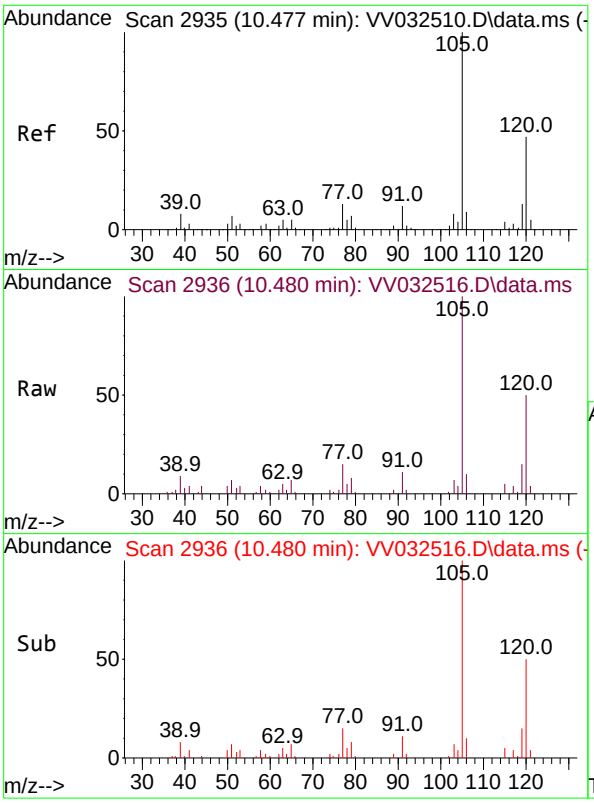


#60
Isopropylbenzene
Concen: 1.352 ug/L
RT: 10.387 min Scan# 2907
Delta R.T. 0.518 min
Lab File: VV032516.D
Acq: 20 Oct 2023 11:52

Tgt Ion:105 Resp: 55263

Ion	Ratio	Lower	Upper
105	100		
120	30.1	21.0	31.6
77	13.0	12.6	19.0



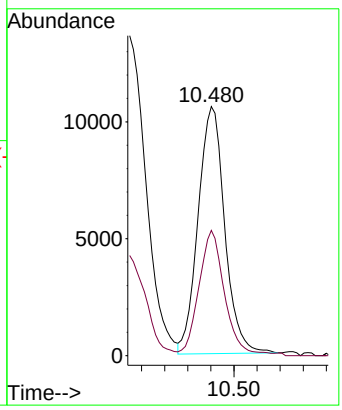


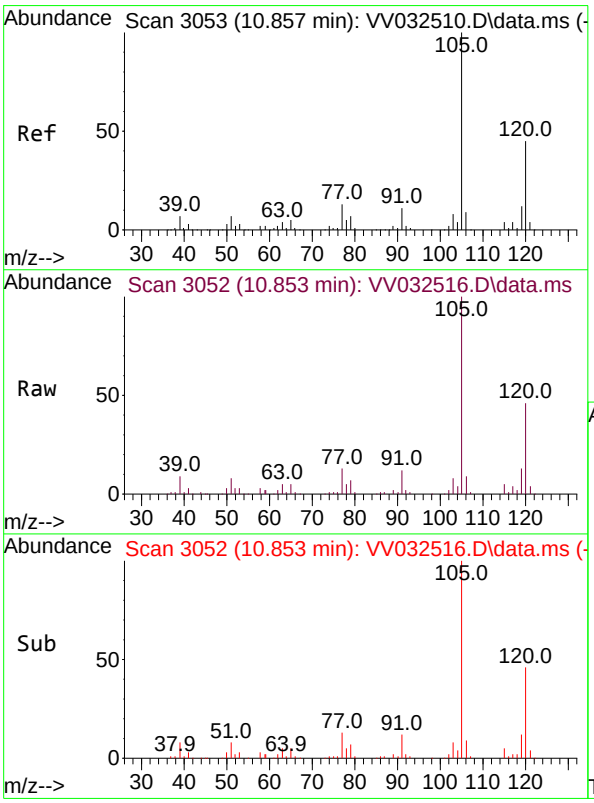
#62
1,3,5-Trimethylbenzene
Concen: 0.507 ug/L
RT: 10.480 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV032516.D
Acq: 20 Oct 2023 11:52

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:105 Resp: 16894

Ion	Ratio	Lower	Upper
105	100		
120	49.3	39.9	59.9

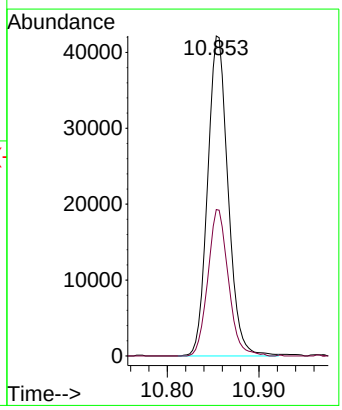


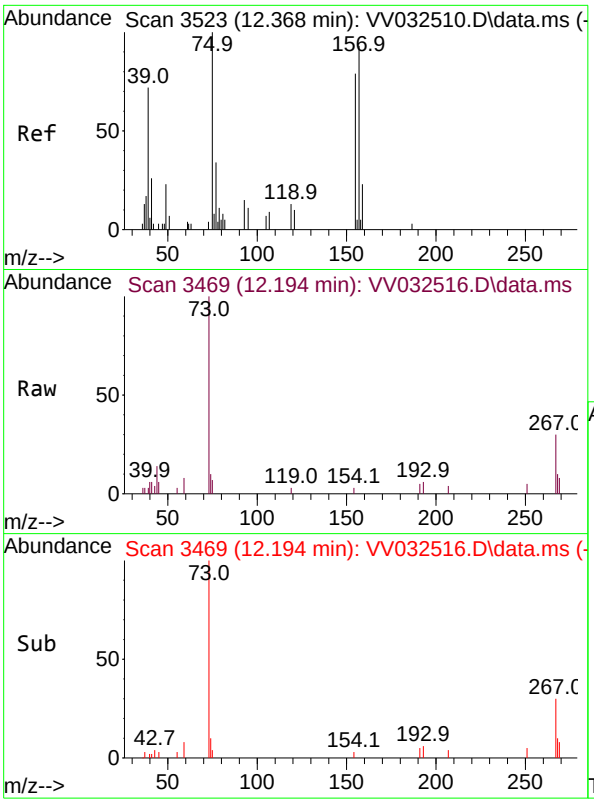


#63
1,2,4-Trimethylbenzene
Concen: 1.965 ug/L
RT: 10.853 min Scan# 3052
Delta R.T. -0.003 min
Lab File: VV032516.D
Acq: 20 Oct 2023 11:52

Tgt Ion:105 Resp: 65174

Ion	Ratio	Lower	Upper
105	100		
120	45.9	36.2	54.4



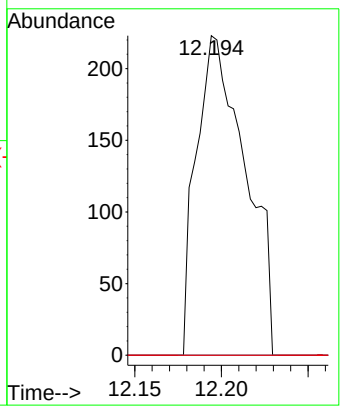


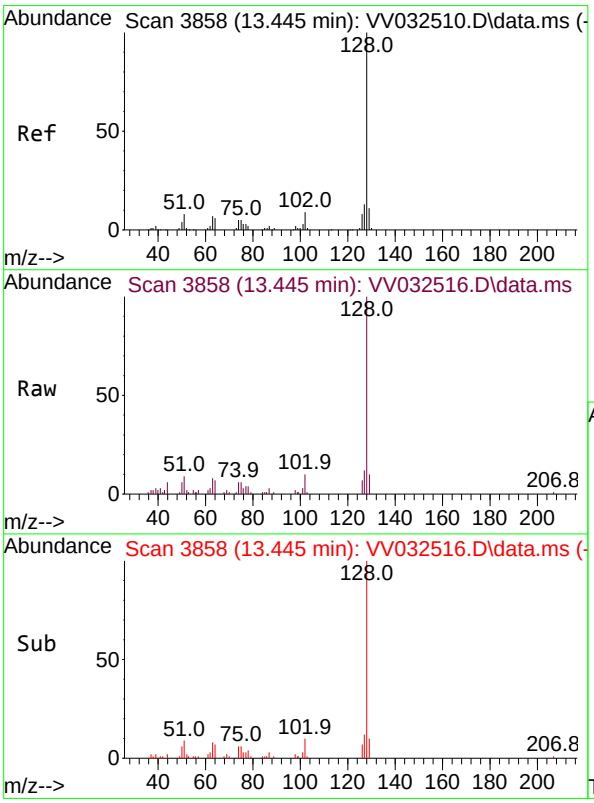
#68
1,2-Dibromo-3-chloropropane
Concen: 0.385 ug/L
RT: 12.194 min Scan# 34
Delta R.T. -0.174 min
Lab File: VV032516.D
Acq: 20 Oct 2023 11:52

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 440

Ion	Ratio	Lower	Upper
75	100		
155	0.0	70.2	105.4#
157	0.0	90.6	135.8#





#71
Naphthalene
Concen: 0.824 ug/L
RT: 13.445 min Scan# 3858
Delta R.T. 0.000 min
Lab File: VV032516.D
Acq: 20 Oct 2023 11:52

Tgt Ion:128 Resp: 17757

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.4
127	12.5	10.2	15.2