Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041822\
Data File : VV025612.D
Acq On : 18 Apr 2022 16:59
Operator : SY/MD
Sample : N2384-08
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EW6P9

Quant Time: Apr 19 05:09:14 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Apr 19 05:06:28 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	123360	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	125292	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	58626	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	59780	5.212	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 104.200%			
7) Chloroethane-d5	1.571	69	55562	4.554	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 91.000%			
11) 1,1-Dichloroethene-d2	2.111	63	92147	4.011	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 80.200%			
20) 2-Butanone-d5	3.908	46	72527	51.988	ug/L	0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 103.980%			
24) Chloroform-d	4.352	84	88974	5.134	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.600%			
26) 1,2-Dichloroethane-d4	5.037	65	42598	5.705	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 114.000%			
32) Benzene-d6	5.053	84	178690	4.929	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.600%			
36) 1,2-Dichloropropane-d6	6.072	67	53182	5.260	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 105.200%			
41) Toluene-d8	7.317	98	153787	4.571	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.400%			
43) trans-1,3-Dichloroprop...	7.625	79	15512	4.565	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 91.200%			
46) 2-Hexanone-d5	8.091	63	57028	47.816	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 95.640%			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	33359	5.223	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 104.400%			
66) 1,2-Dichlorobenzene-d4	11.622	152	51102	5.199	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 104.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.134	85	59168	5.310	ug/L	99
14) Carbon disulfide	2.297	76	13560	0.529	ug/L	97
22) cis-1,2-Dichloroethene	3.921	96	10803	1.145	ug/L	80
25) Chloroform	4.378	83	7996	0.499	ug/L	91
33) Benzene	5.108	78	5447	0.147	ug/L	100
34) Trichloroethene	5.924	95	4584	0.466	ug/L	92
35) Methylcyclohexane	6.127	83	1747	0.111	ug/L #	71
42) Toluene	7.397	91	13865	0.344	ug/L	93
47) Tetrachloroethene	7.976	164	86198	11.204	ug/L	97
52) Ethylbenzene	9.017	91	11168	0.260	ug/L	94
53) m,p-Xylene	9.143	106	2148	0.132	ug/L	93
54) o-Xylene	9.548	106	1014	0.064	ug/L	91
63) 1,2,4-Trimethylbenzene	10.918	105	2590	0.089	ug/L	98

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

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Instrument :
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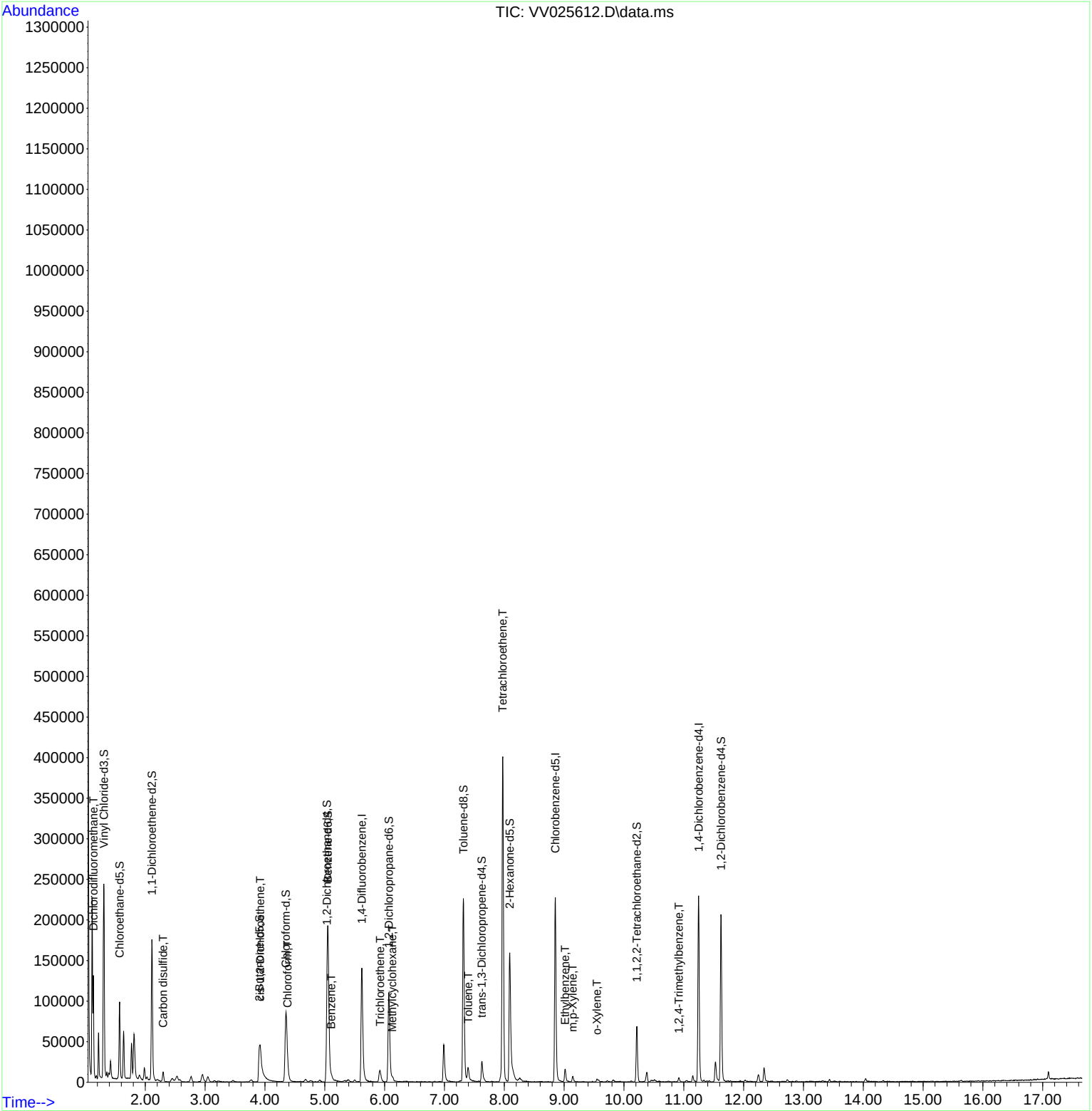
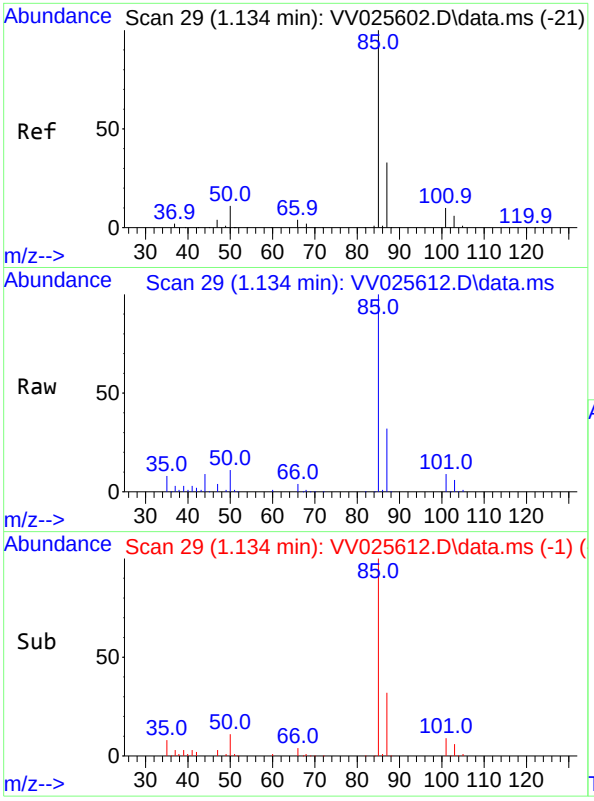
Quant Time: Apr 19 05:09:14 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Apr 19 05:06:28 2022
Response via : Initial Calibration



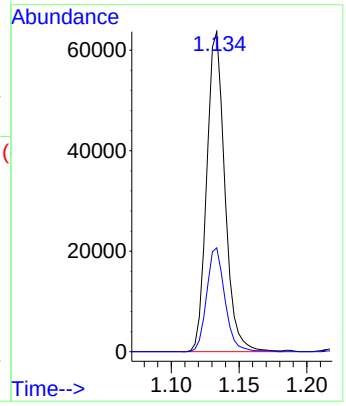


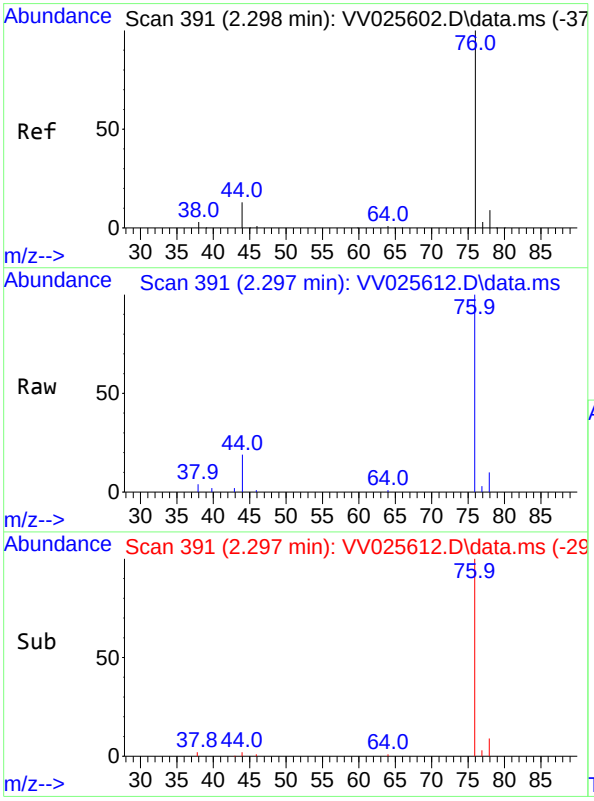
#2
Dichlorodifluoromethane
Concen: 5.310 ug/L
RT: 1.134 min Scan# 2
Delta R.T. -0.000 min
Lab File: VV025612.D
Acq: 18 Apr 2022 16:59

Instrument :
MSVOA_V
ClientSampleId :
EW6P9

Tgt Ion: 85 Resp: 59168

Ion	Ratio	Lower	Upper
85	100		
87	32.7	25.6	38.4

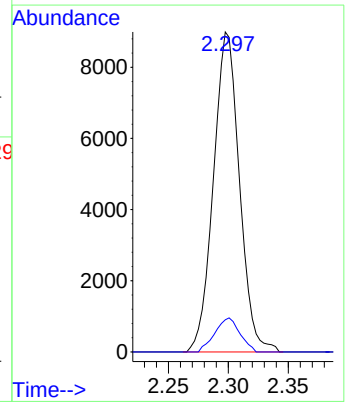


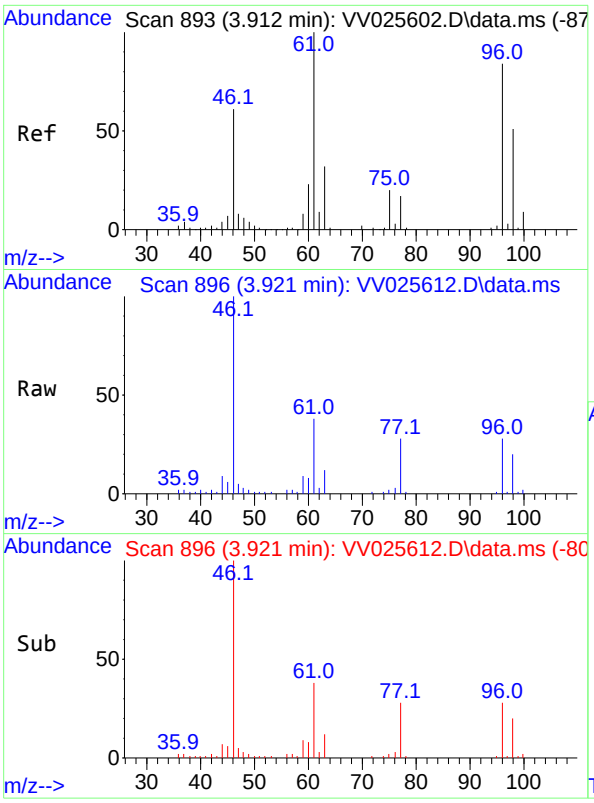


#14
Carbon disulfide
Concen: 0.529 ug/L
RT: 2.297 min Scan# 391
Delta R.T. -0.000 min
Lab File: VV025612.D
Acq: 18 Apr 2022 16:59

Tgt Ion: 76 Resp: 13560

Ion	Ratio	Lower	Upper
76	100		
78	10.1	7.3	10.9



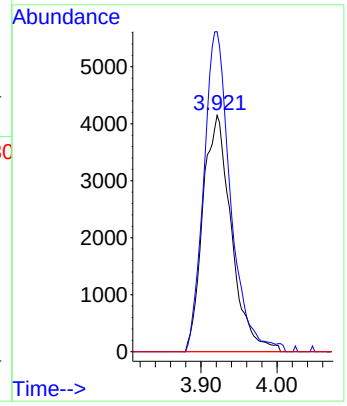


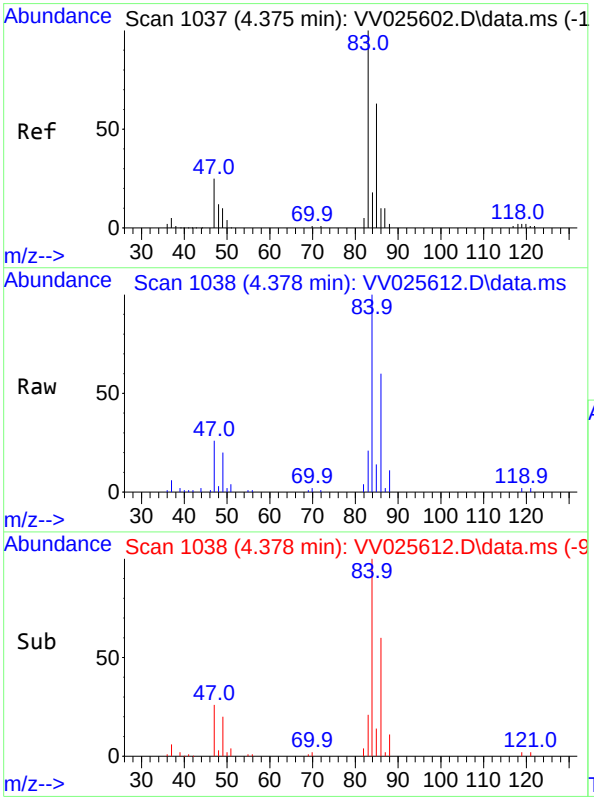
#22
cis-1,2-Dichloroethene
Concen: 1.145 ug/L
RT: 3.921 min Scan# 8
Delta R.T. 0.009 min
Lab File: VV025612.D
Acq: 18 Apr 2022 16:59

Instrument :
MSVOA_V
ClientSampleId :
EW6P9

Tgt Ion: 96 Resp: 10803

Ion	Ratio	Lower	Upper
96	100		
61	135.4	80.0	148.6
68	0.0	0.0	0.0

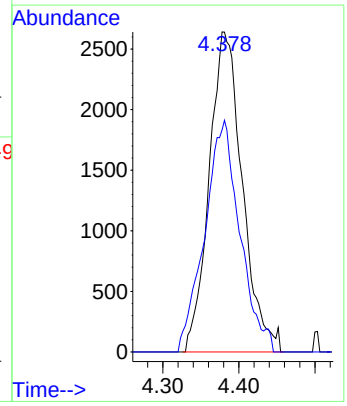


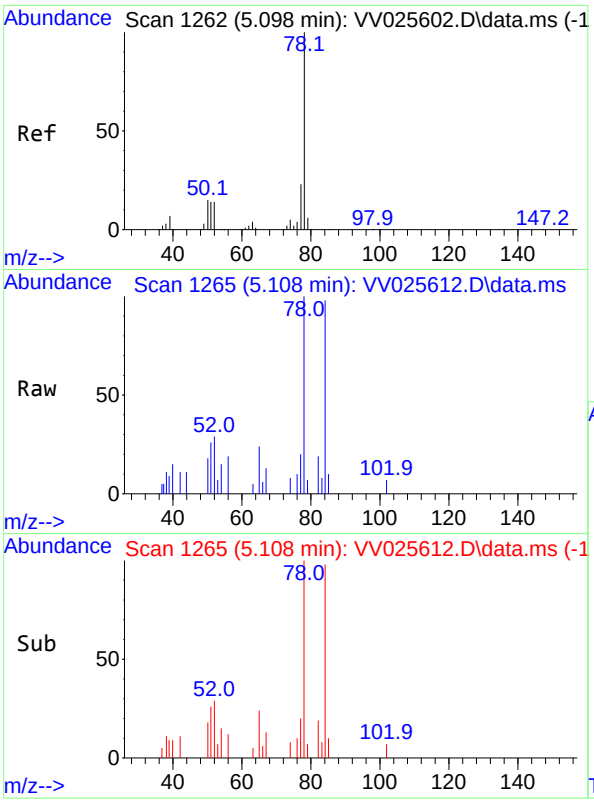


#25
Chloroform
Concen: 0.499 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.003 min
Lab File: VV025612.D
Acq: 18 Apr 2022 16:59

Tgt Ion: 83 Resp: 7996

Ion	Ratio	Lower	Upper
83	100		
85	69.4	43.5	80.7

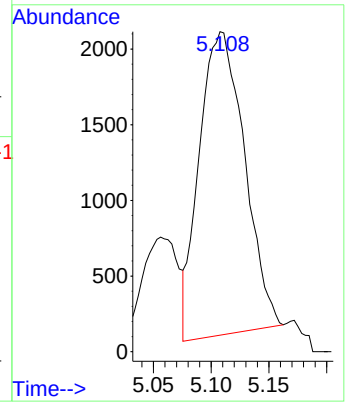


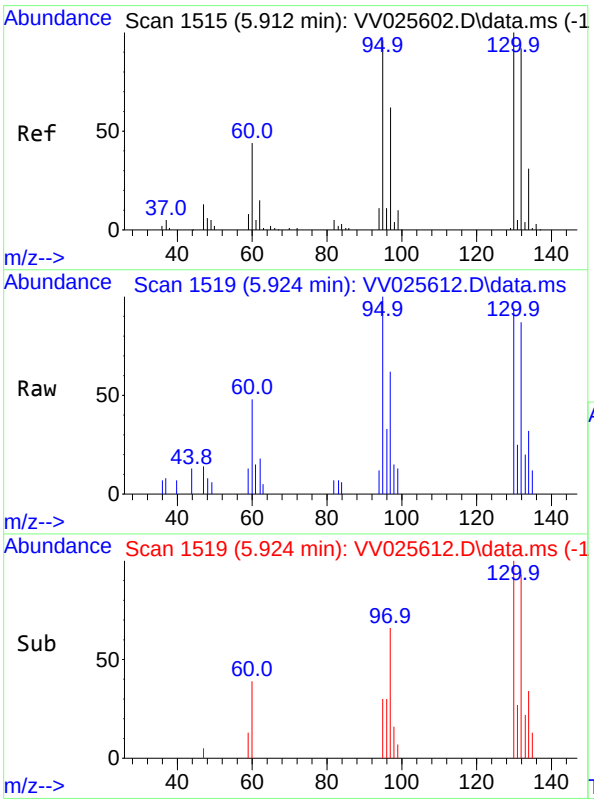


#33
Benzene
Concen: 0.147 ug/L
RT: 5.108 min Scan# 1
Delta R.T. 0.009 min
Lab File: VV025612.D
Acq: 18 Apr 2022 16:59

Instrument :
MSVOA_V
ClientSampleId :
EW6P9

Tgt Ion: 78 Resp: 5447

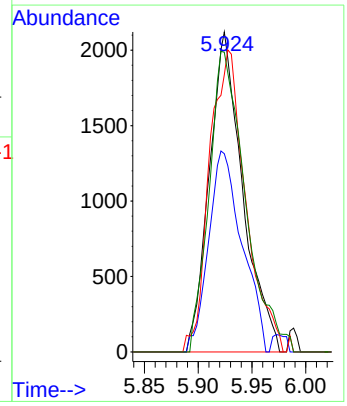


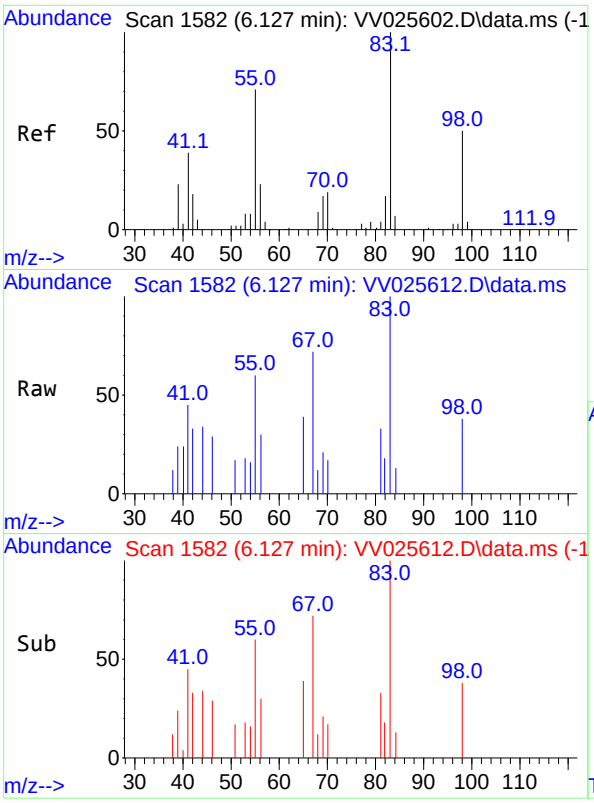


#34
Trichloroethene
Concen: 0.466 ug/L
RT: 5.924 min Scan# 1519
Delta R.T. 0.013 min
Lab File: VV025612.D
Acq: 18 Apr 2022 16:59

Tgt Ion: 95 Resp: 4584

Ion	Ratio	Lower	Upper
95	100		
97	62.0	45.8	85.2
132	86.7	68.0	126.4
130	93.6	71.9	133.5



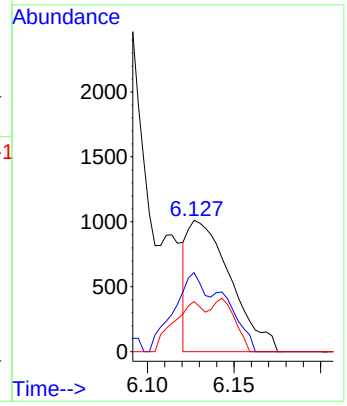


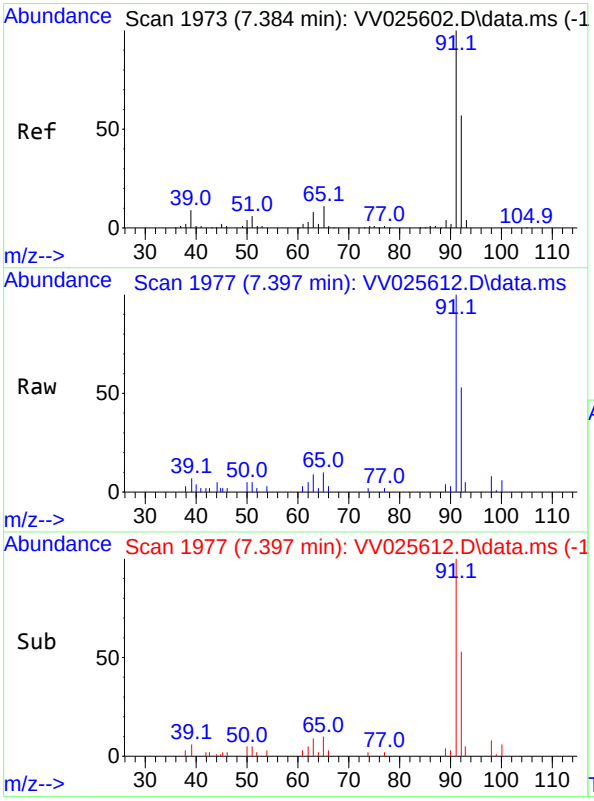
#35
Methylcyclohexane
Concen: 0.111 ug/L
RT: 6.127 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV025612.D
Acq: 18 Apr 2022 16:59

Instrument :
MSVOA_V
ClientSampleId :
EW6P9

Tgt Ion: 83 Resp: 1747

Ion	Ratio	Lower	Upper
83	100		
55	46.6	53.7	80.5#
98	27.1	39.6	59.4#

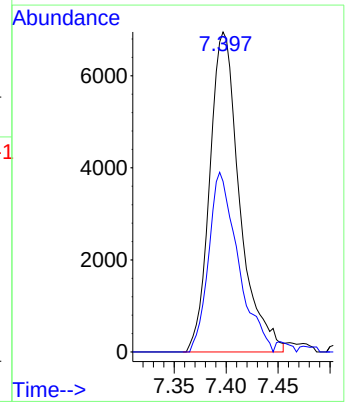


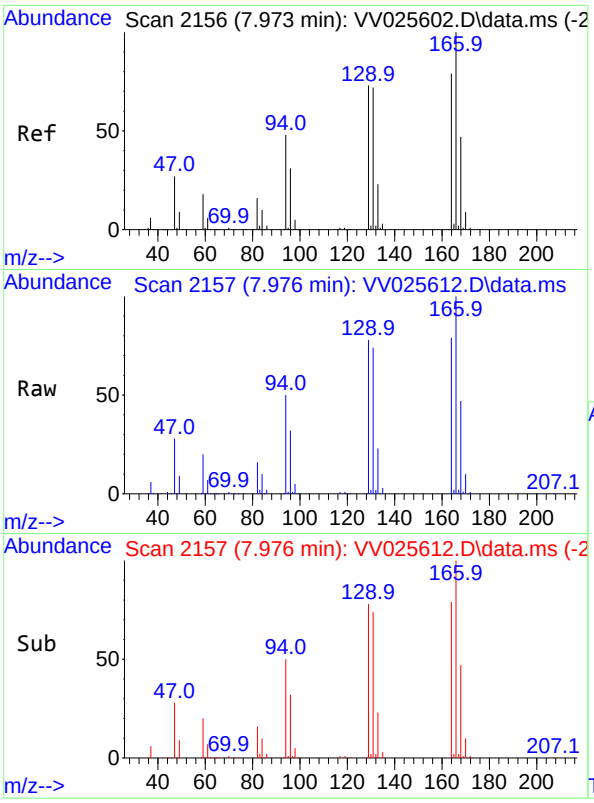


#42
Toluene
Concen: 0.344 ug/L
RT: 7.397 min Scan# 1977
Delta R.T. 0.013 min
Lab File: VV025612.D
Acq: 18 Apr 2022 16:59

Tgt Ion: 91 Resp: 13865

Ion	Ratio	Lower	Upper
91	100		
92	53.3	40.8	75.8



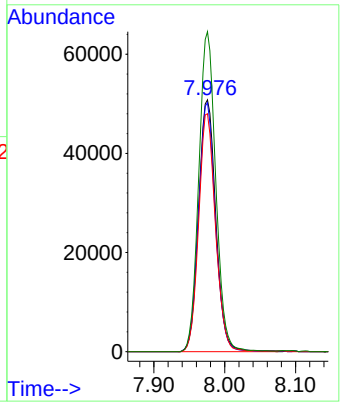


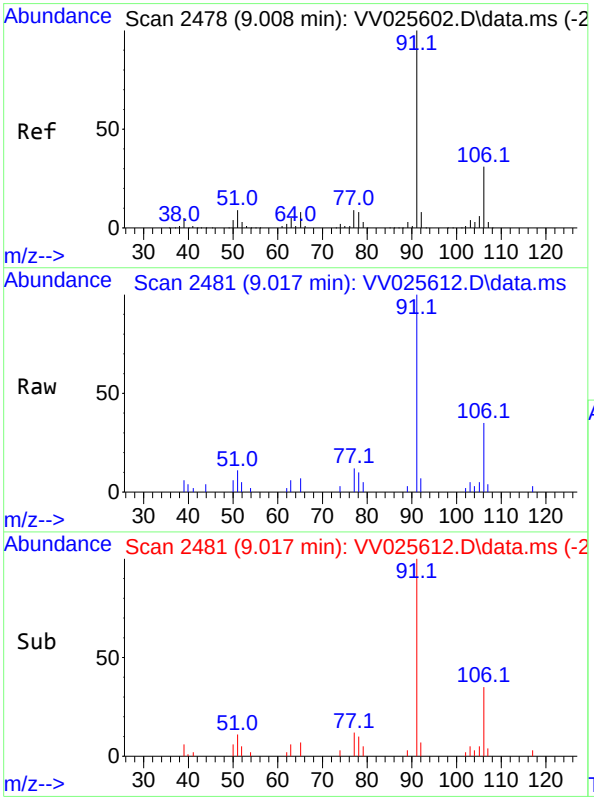
#47
Tetrachloroethene
Concen: 11.204 ug/L
RT: 7.976 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV025612.D
Acq: 18 Apr 2022 16:59

Instrument :
MSVOA_V
ClientSampleId :
EW6P9

Tgt Ion:164 Resp: 86198

Ion	Ratio	Lower	Upper
164	100		
129	98.8	66.8	124.2
131	94.5	66.4	123.4
166	127.0	91.7	170.3

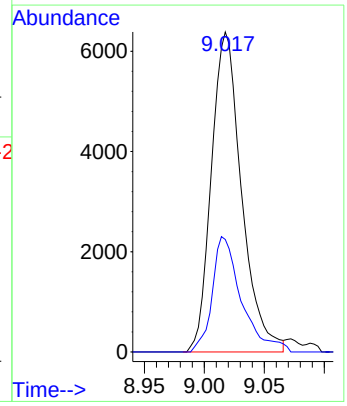


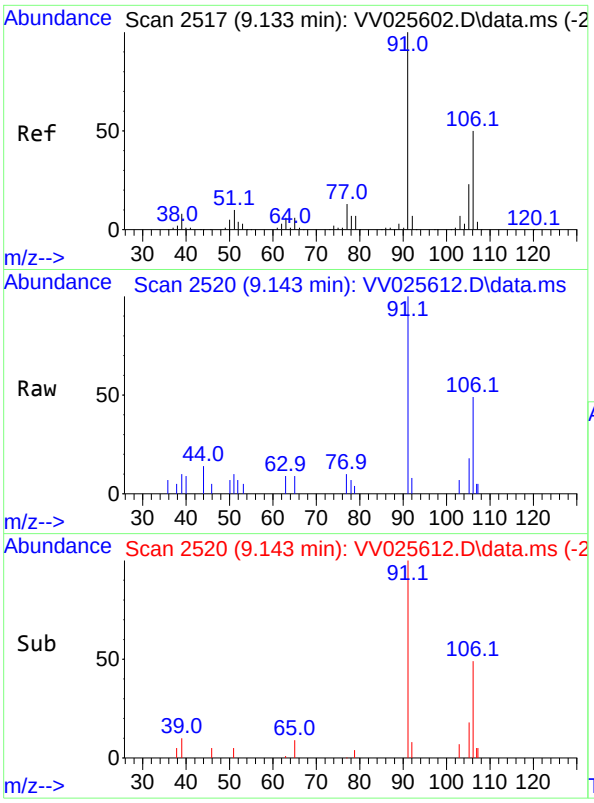


#52
Ethylbenzene
Concen: 0.260 ug/L
RT: 9.017 min Scan# 2481
Delta R.T. 0.009 min
Lab File: VV025612.D
Acq: 18 Apr 2022 16:59

Tgt Ion: 91 Resp: 11168

Ion	Ratio	Lower	Upper
91	100		
106	35.1	22.3	41.3



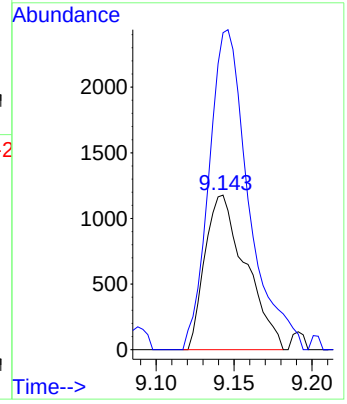


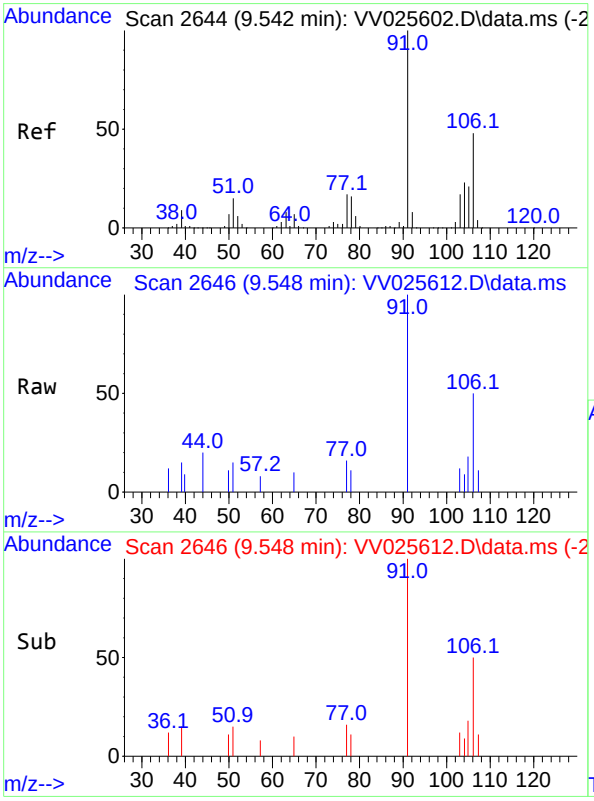
#53
m,p-Xylene
Concen: 0.132 ug/L
RT: 9.143 min Scan# 2
Delta R.T. 0.009 min
Lab File: VV025612.D
Acq: 18 Apr 2022 16:59

Instrument :
MSVOA_V
ClientSampleId :
EW6P9

Tgt Ion:106 Resp: 2148

Ion	Ratio	Lower	Upper
106	100		
91	205.0	136.4	253.4

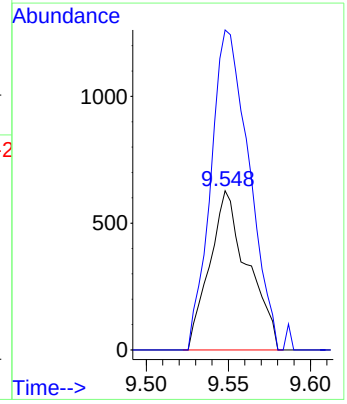


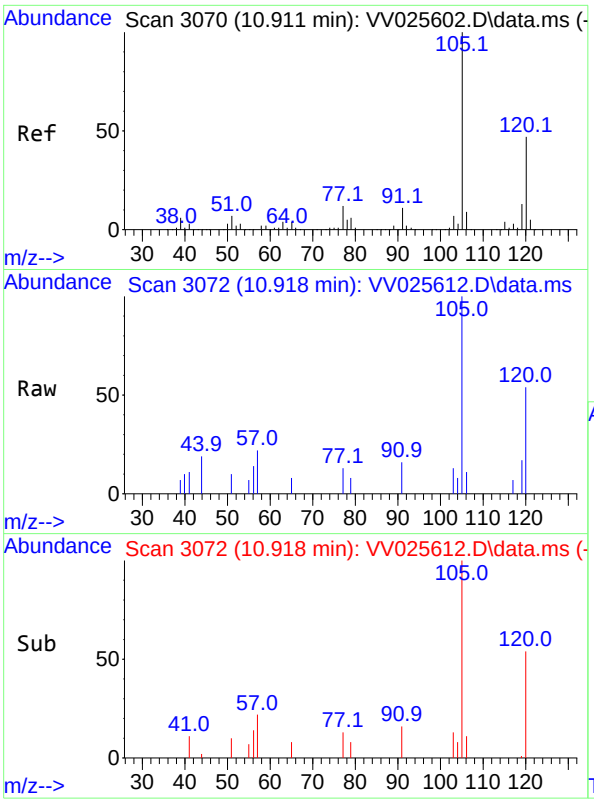


#54
o-Xylene
Concen: 0.064 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.006 min
Lab File: VV025612.D
Acq: 18 Apr 2022 16:59

Tgt Ion:106 Resp: 1014

Ion	Ratio	Lower	Upper
106	100		
91	201.0	150.4	279.2





#63
1,2,4-Trimethylbenzene
Concen: 0.089 ug/L
RT: 10.918 min Scan# 3
Delta R.T. 0.006 min
Lab File: VV025612.D
Acq: 18 Apr 2022 16:59

Instrument :
MSVOA_V
ClientSampleId :
EW6P9

Tgt Ion:105 Resp: 2590

Ion	Ratio	Lower	Upper
105	100		
120	46.9	36.6	55.0