Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023824.D
Acq On : 07 Dec 2021 15:42
Operator : SY/MD
Sample : M4879-05
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G32

Quant Time: Dec 08 01:16:04 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 02 02:08:23 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	170634	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	158969	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	88123	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	35304	2.520	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 50.400%			
7) Chloroethane-d5	1.568	69	31665	2.876	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 57.600%#			
11) 1,1-Dichloroethene-d2	2.108	63	53246	2.157	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 43.200%#			
20) 2-Butanone-d5	3.896	46	87672	52.064	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 104.120%			
24) Chloroform-d	4.349	84	94955	3.893	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 77.800%			
26) 1,2-Dichloroethane-d4	5.037	65	39996	3.510	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 70.200%			
32) Benzene-d6	5.053	84	163989	3.787	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 75.800%			
36) 1,2-Dichloropropane-d6	6.072	67	46384	3.821	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 76.400%			
41) Toluene-d8	7.317	98	155824	3.851	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 77.000%			
43) trans-1,3-Dichloroprop...	7.625	79	17381	3.552	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 71.000%			
46) 2-Hexanone-d5	8.088	63	81248	49.972	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.940%			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	33458	3.830	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 76.600%			
66) 1,2-Dichlorobenzene-d4	11.625	152	62877	4.036	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 80.800%			
Target Compounds						Qvalue
14) Carbon disulfide	2.298	76	4646	0.121	ug/L	97
22) cis-1,2-Dichloroethene	3.912	96	255602	20.468	ug/L	99
30) Cyclohexane	4.680	56	616053	35.536	ug/L	100
34) Trichloroethene	5.915	95	90768	7.477	ug/L	97
35) Methylcyclohexane	6.130	83	210188	11.105	ug/L	96
42) Toluene	7.387	91	383550	7.804	ug/L	98
47) Tetrachloroethene	7.979	164	2341195	211.867	ug/L	97
52) Ethylbenzene	9.011	91	1921442	37.399	ug/L	100
53) m,p-xylene	9.140	106	1147000	56.095	ug/L	98
54) o-xylene	9.542	106	251007	12.908	ug/L	98
60) Isopropylbenzene	9.931	105	151639	2.882	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	327335	7.476	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	2808753	64.869	ug/L	99

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

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 02 02:08:23 2021
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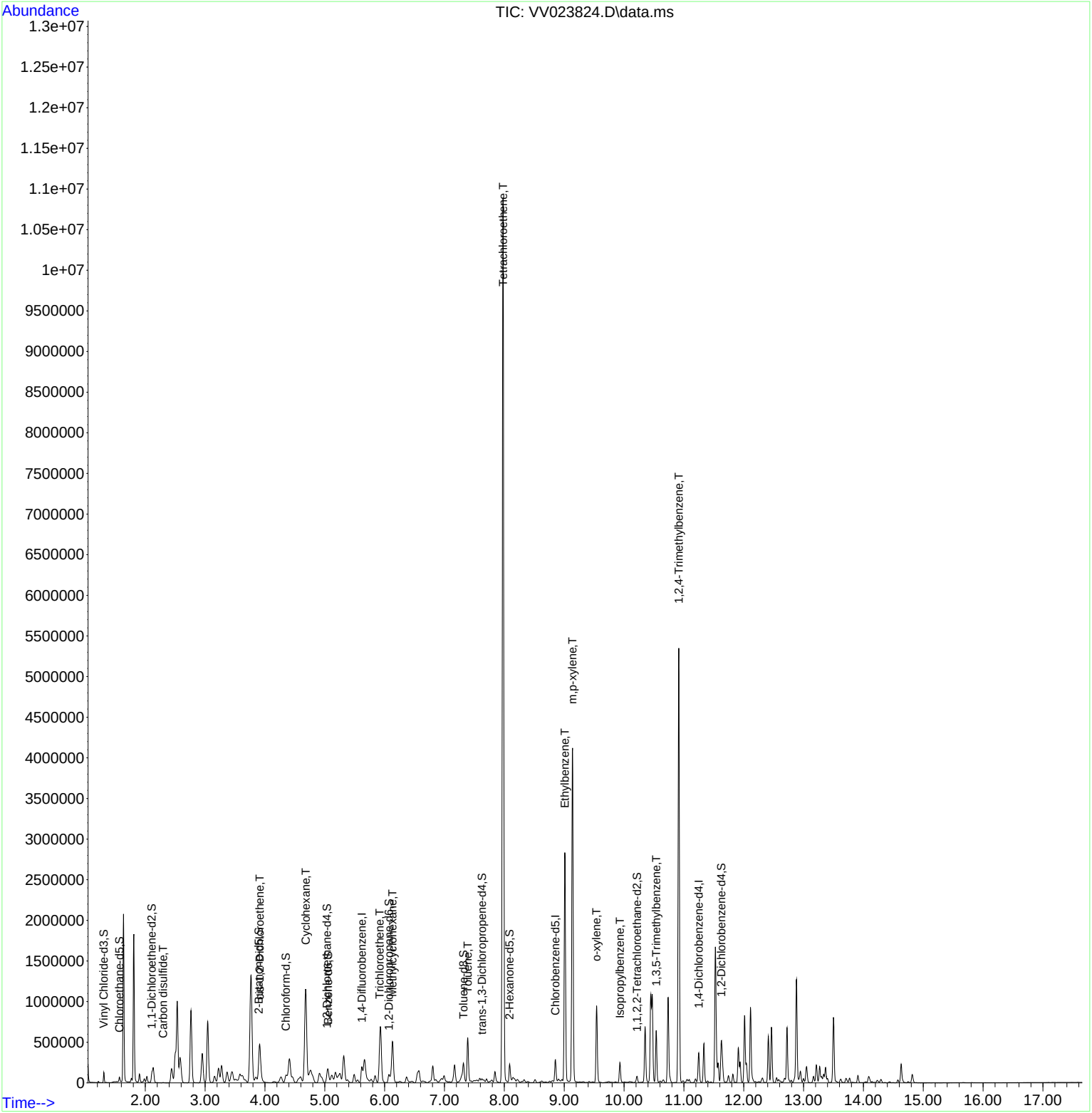
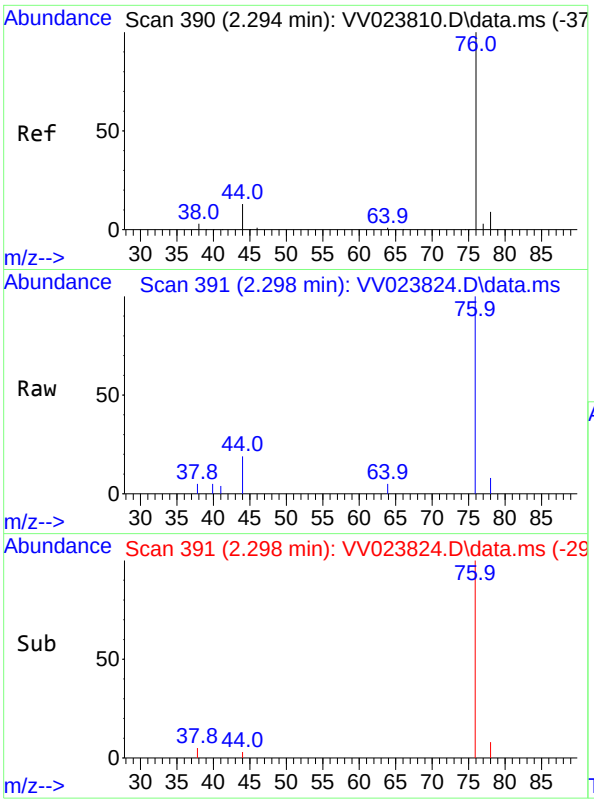


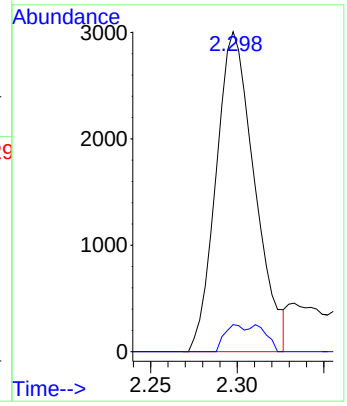


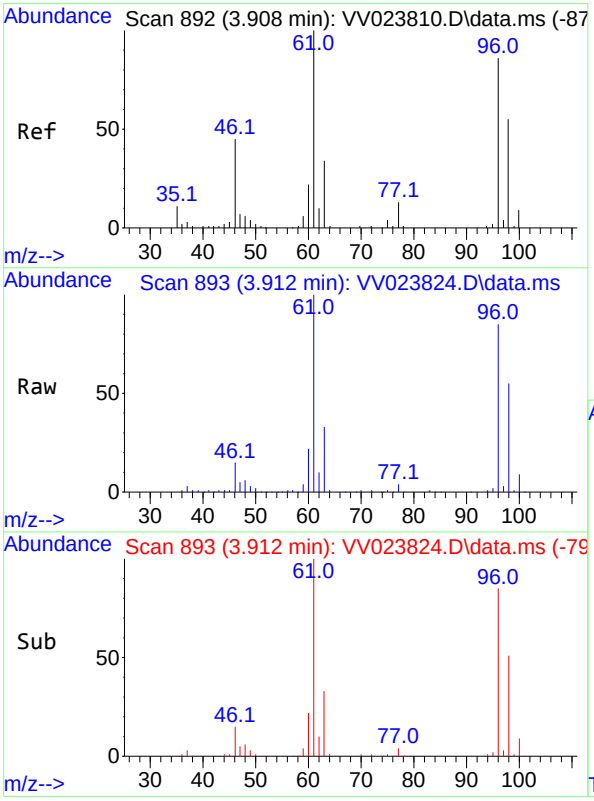
#14
Carbon disulfide
Concen: 0.121 ug/L
RT: 2.298 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV023824.D
Acq: 07 Dec 2021 15:42

Instrument :
MSVOA_V
ClientSampleId :
C0G32

Tgt Ion: 76 Resp: 4646

Ion	Ratio	Lower	Upper
76	100		
78	8.4	7.5	11.3

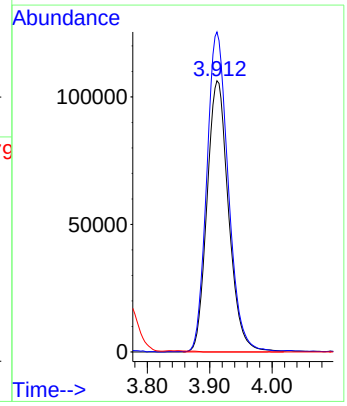


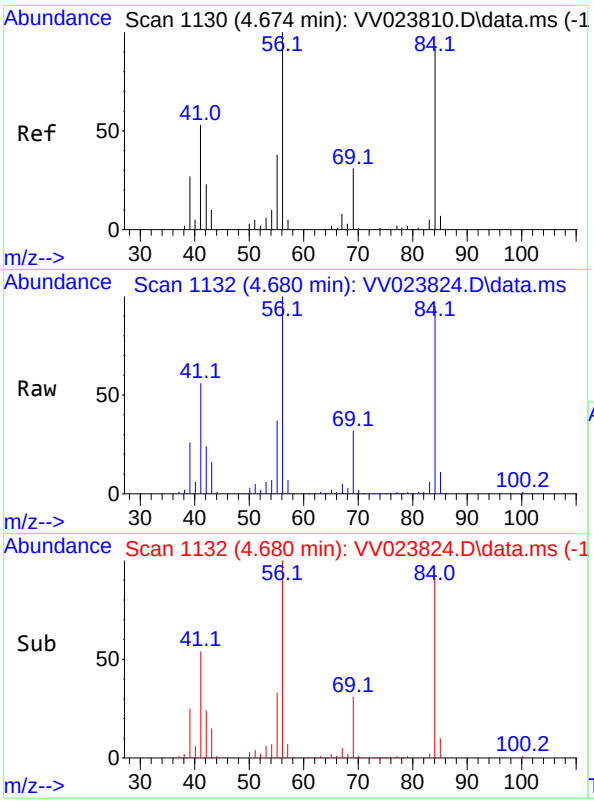


#22
cis-1,2-Dichloroethene
Concen: 20.468 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.003 min
Lab File: VV023824.D
Acq: 07 Dec 2021 15:42

Tgt Ion: 96 Resp: 255602

Ion	Ratio	Lower	Upper
96	100		
61	118.0	83.4	154.8
68	0.0	0.0	0.0



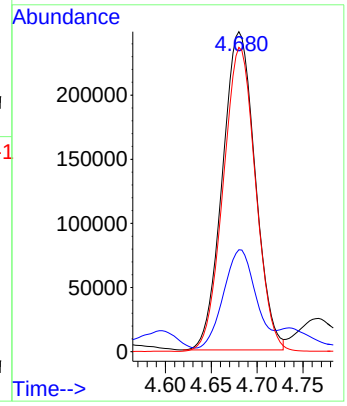


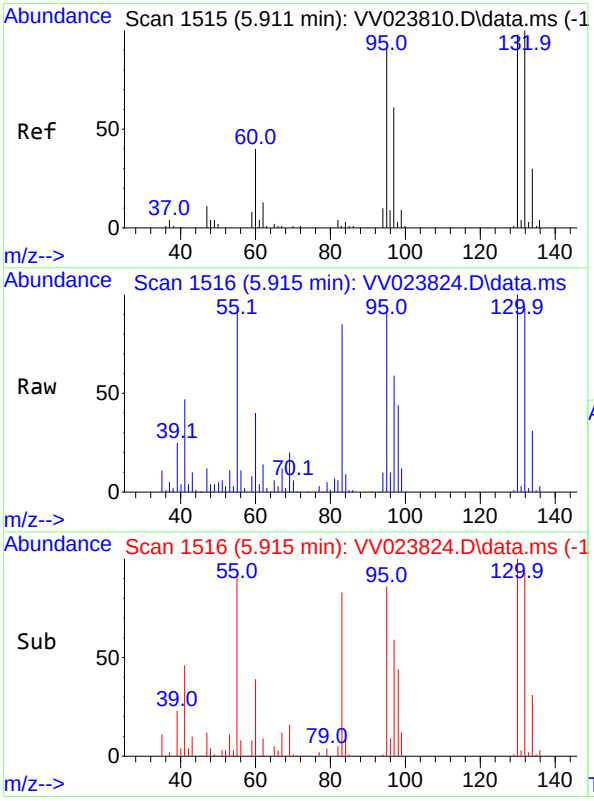
#30
Cyclohexane
Concen: 35.536 ug/L
RT: 4.680 min Scan# 11
Delta R.T. 0.007 min
Lab File: VV023824.D
Acq: 07 Dec 2021 15:42

Instrument :
MSVOA_V
ClientSampleId :
C0G32

Tgt Ion: 56 Resp: 616053

Ion	Ratio	Lower	Upper
56	100		
69	30.3	24.8	37.2
84	94.7	75.9	113.9

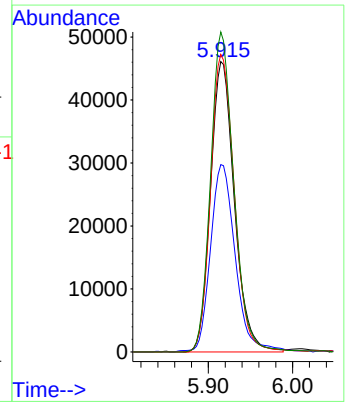


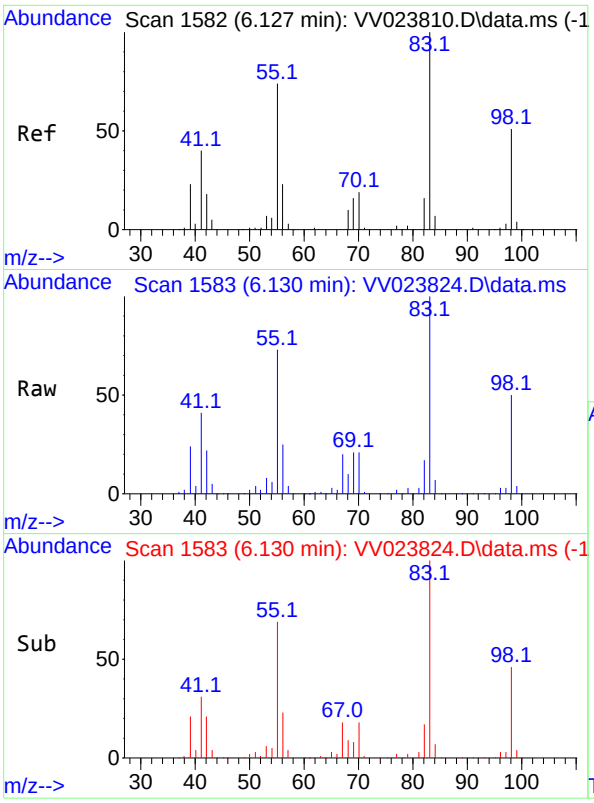


#34
Trichloroethene
Concen: 7.477 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.003 min
Lab File: VV023824.D
Acq: 07 Dec 2021 15:42

Tgt Ion: 95 Resp: 90768

Ion	Ratio	Lower	Upper
95	100		
97	64.5	45.2	84.0
132	102.5	76.1	141.3
130	110.2	75.4	140.0



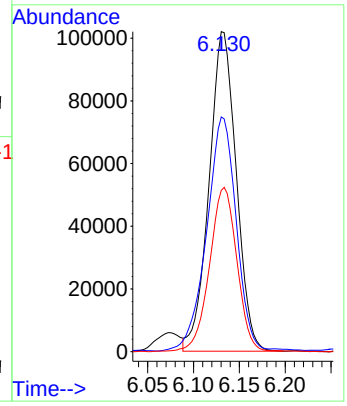


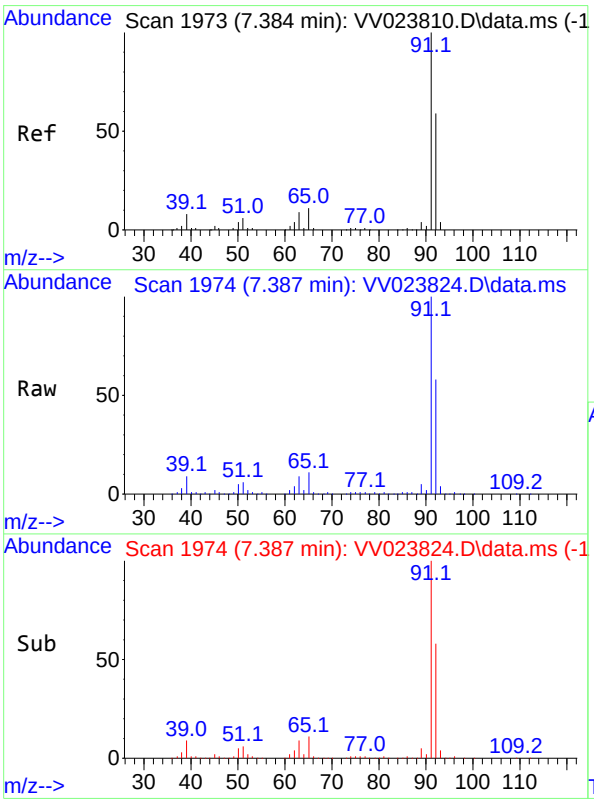
#35
Methylcyclohexane
Concen: 11.105 ug/L
RT: 6.130 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV023824.D
Acq: 07 Dec 2021 15:42

Instrument :
MSVOA_V
ClientSampleId :
C0G32

Tgt Ion: 83 Resp: 210188

Ion	Ratio	Lower	Upper
83	100		
55	80.0	60.2	90.2
98	52.1	41.0	61.4

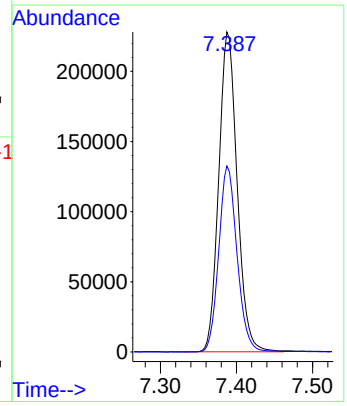


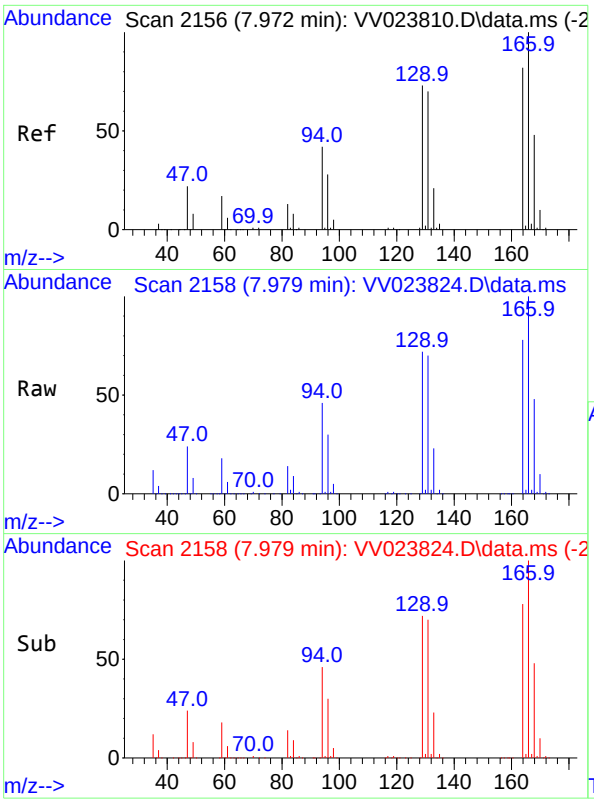


#42
Toluene
Concen: 7.804 ug/L
RT: 7.387 min Scan# 1974
Delta R.T. 0.003 min
Lab File: VV023824.D
Acq: 07 Dec 2021 15:42

Tgt Ion: 91 Resp: 383550

Ion	Ratio	Lower	Upper
91	100		
92	58.1	41.5	77.1



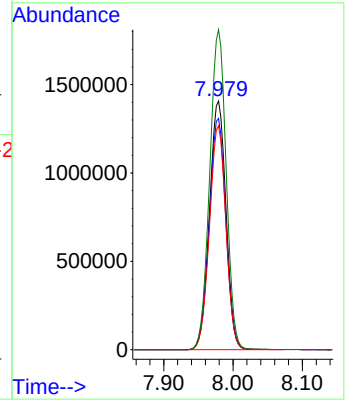


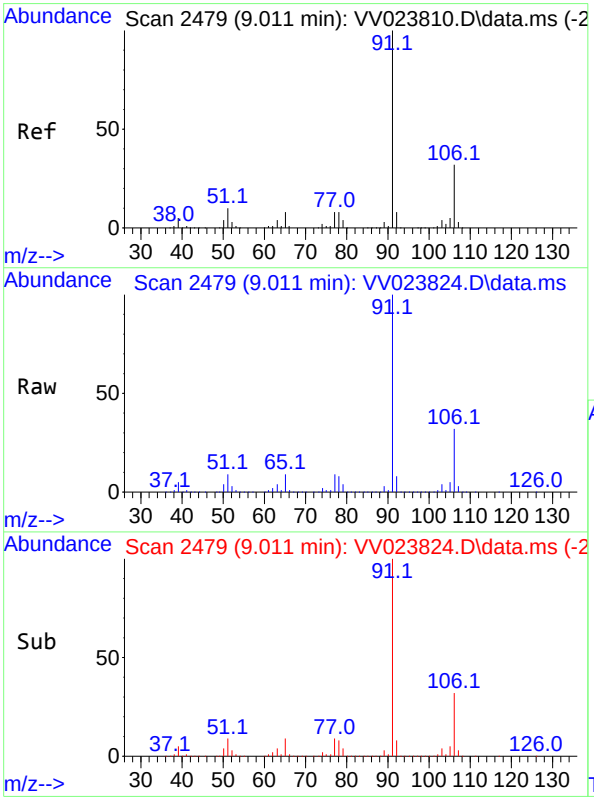
#47
Tetrachloroethene
Concen: 211.867 ug/L
RT: 7.979 min Scan# 2
Delta R.T. 0.007 min
Lab File: VV023824.D
Acq: 07 Dec 2021 15:42

Instrument :
MSVOA_V
ClientSampleId :
C0G32

Tgt Ion:164 Resp: 2341195

Ion	Ratio	Lower	Upper
164	100		
129	93.0	62.6	116.2
131	90.1	61.0	113.4
166	128.7	87.3	162.1

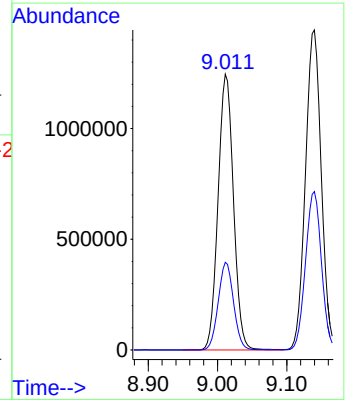


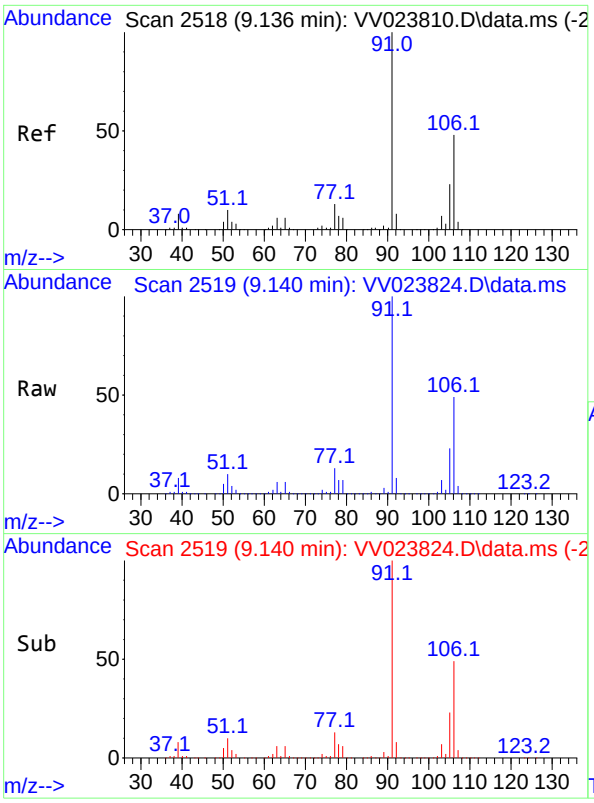


#52
Ethylbenzene
Concen: 37.399 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV023824.D
Acq: 07 Dec 2021 15:42

Tgt Ion: 91 Resp: 1921442

Ion	Ratio	Lower	Upper
91	100		
106	31.8	22.0	41.0



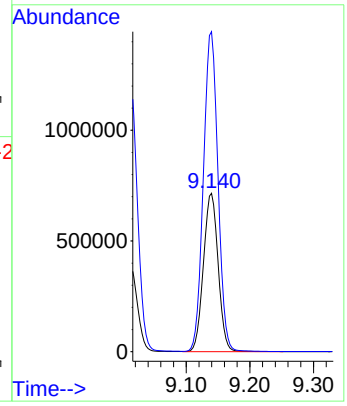


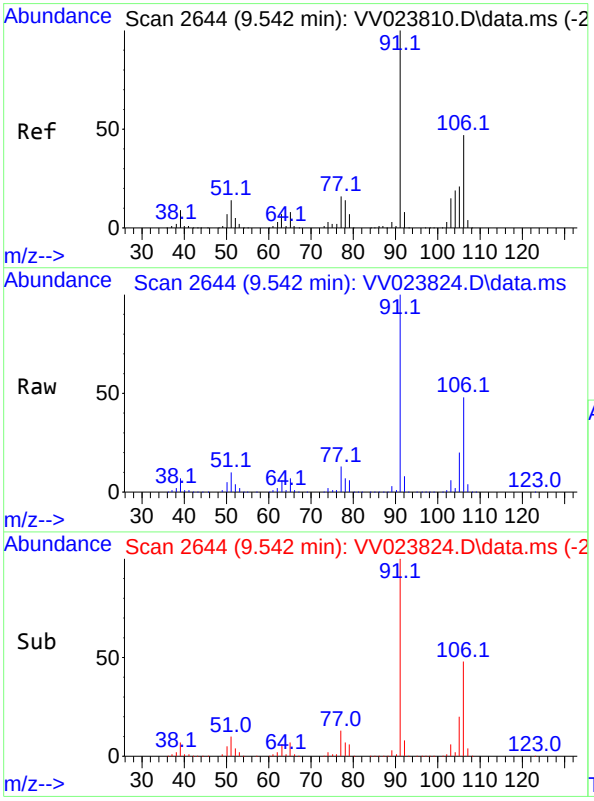
#53
m,p-xylene
Concen: 56.095 ug/L
RT: 9.140 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV023824.D
Acq: 07 Dec 2021 15:42

Instrument :
MSVOA_V
ClientSampleId :
C0G32

Tgt Ion:106 Resp: 1147000

Ion	Ratio	Lower	Upper
106	100		
91	202.1	139.5	259.1

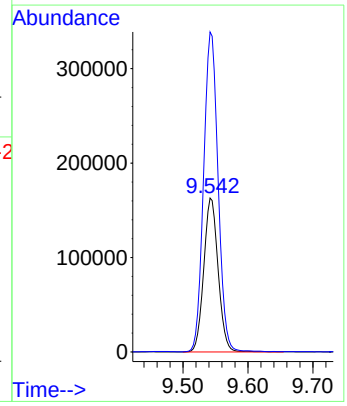


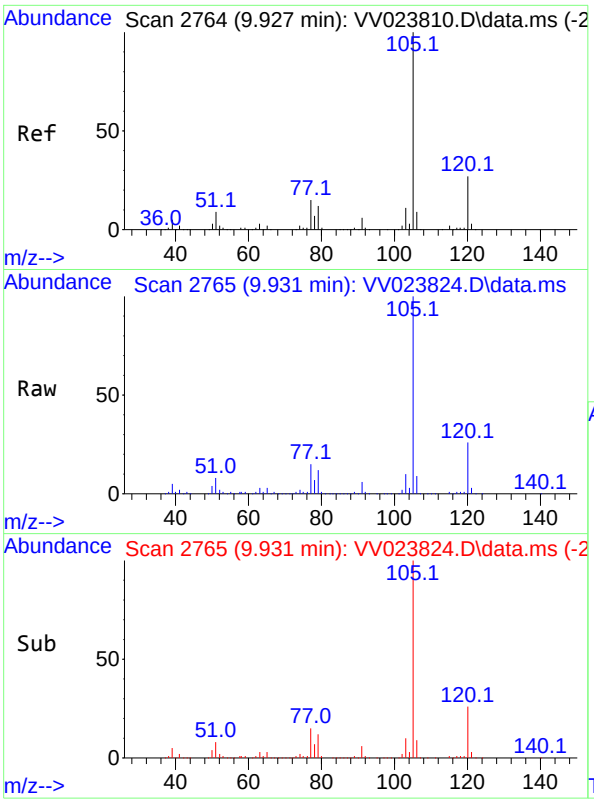


#54
o-xylene
Concen: 12.908 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV023824.D
Acq: 07 Dec 2021 15:42

Tgt Ion:106 Resp: 251007

Ion	Ratio	Lower	Upper
106	100		
91	207.9	147.9	274.7



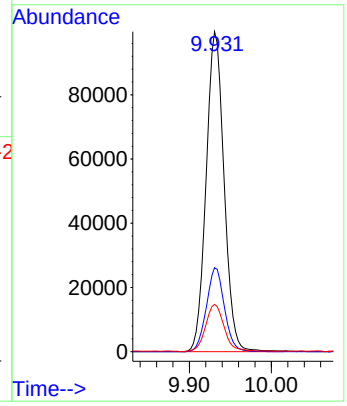


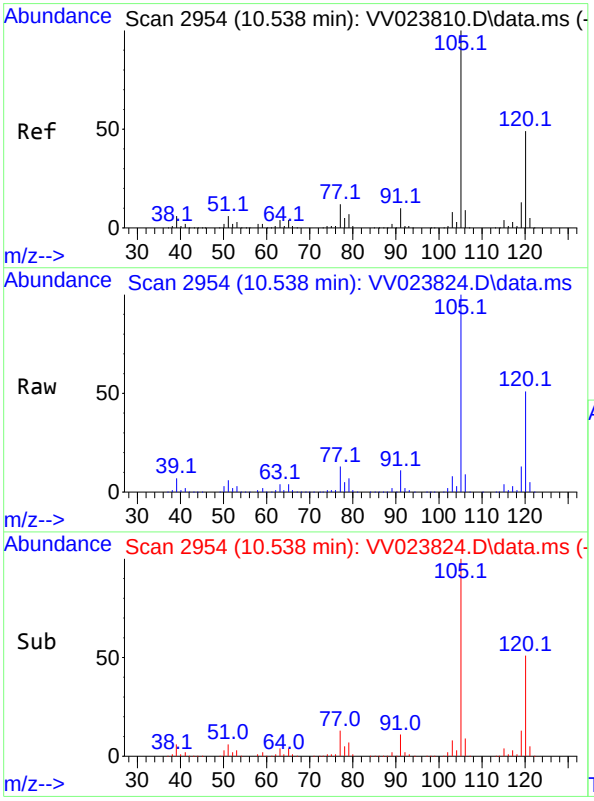
#60
Isopropylbenzene
Concen: 2.882 ug/L
RT: 9.931 min Scan# 2
Delta R.T. 0.000 min
Lab File: VV023824.D
Acq: 07 Dec 2021 15:42

Instrument :
MSVOA_V
ClientSampleId :
C0G32

Tgt Ion:105 Resp: 151639

Ion	Ratio	Lower	Upper
105	100		
120	26.3	21.4	32.0
77	15.6	12.2	18.4

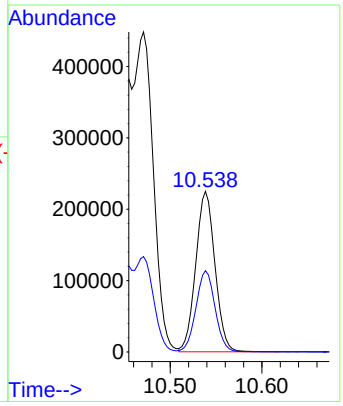


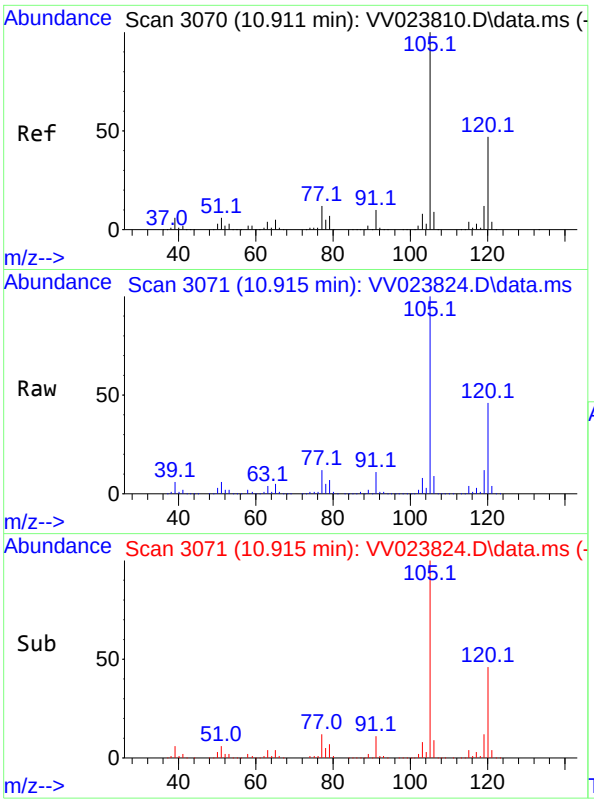


#62
1,3,5-Trimethylbenzene
Concen: 7.476 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. 0.000 min
Lab File: VV023824.D
Acq: 07 Dec 2021 15:42

Tgt Ion:105 Resp: 327335

Ion	Ratio	Lower	Upper
105	100		
120	50.3	40.1	60.1





#63
1,2,4-Trimethylbenzene
Concen: 64.869 ug/L
RT: 10.915 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV023824.D
Acq: 07 Dec 2021 15:42

Instrument :
MSVOA_V
ClientSampleId :
C0G32

Tgt Ion:105 Resp: 2808753

Ion	Ratio	Lower	Upper
105	100		
120	46.5	36.7	55.1