Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121323\
Data File : VV033295.D
Acq On : 13 Dec 2023 22:44
Operator : SY/MD
Sample : 05731-21
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0Y67

Quant Time: Dec 13 23:38:01 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121323WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Dec 13 23:30:39 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	120169	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	121612	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	60407	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	37773	4.903	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 98.000%			
7) Chloroethane-d5	1.532	69	29069	5.074	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 101.400%			
11) 1,1-Dichloroethene-d2	2.060	65	14646	4.777	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 95.600%			
20) 2-Butanone-d5	3.799	46	44879	49.229	ug/L	-0.03
Spiked Amount 50.000	Range 40 - 130		Recovery = 98.460%			
24) Chloroform-d	4.249	84	82588	5.140	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.800%			
26) 1,2-Dichloroethane-d4	4.947	65	38654	5.536	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 110.800%			
32) Benzene-d6	4.960	84	159804	5.080	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.600%			
36) 1,2-Dichloropropane-d6	5.989	67	38455	5.370	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 107.400%			
41) Toluene-d8	7.243	98	151217	4.933	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.600%			
43) trans-1,3-Dichloroprop...	7.558	79	16153	4.945	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 98.800%			
46) 2-Hexanone-d5	8.027	63	50587	55.471	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 110.940%			
56) 1,1,2,2-Tetrachloroeth...	10.156	84	25548	5.275	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 105.600%			
66) 1,2-Dichlorobenzene-d4	11.561	152	59342	5.577	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 111.600%			
Target Compounds						Qvalue
13) Acetone	2.127	43	1878	2.911	ug/L	90
33) Benzene	5.018	78	8795	0.270	ug/L	100
34) Trichloroethene	5.834	95	21435	2.256	ug/L	95
35) Methylcyclohexane	6.047	83	3486	0.248	ug/L	96
42) Toluene	7.320	91	29403	0.788	ug/L	96
47) Tetrachloroethene	7.908	164	2318	0.258	ug/L	86
52) Ethylbenzene	8.953	91	6684	0.160	ug/L	98
53) m,p-Xylene	9.079	106	3251	0.189	ug/L	92
54) o-Xylene	9.484	106	1413	0.087	ug/L	68

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

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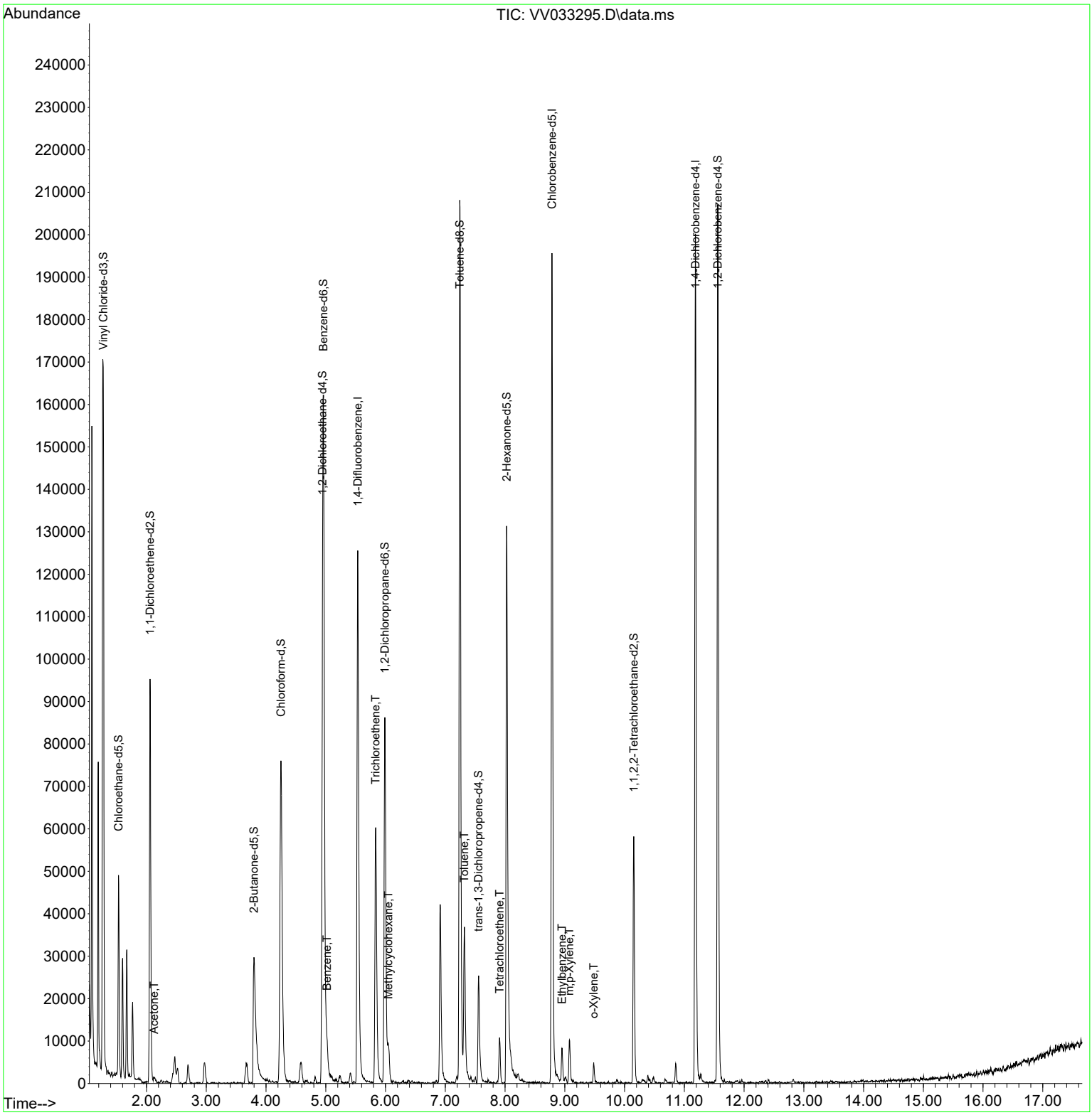
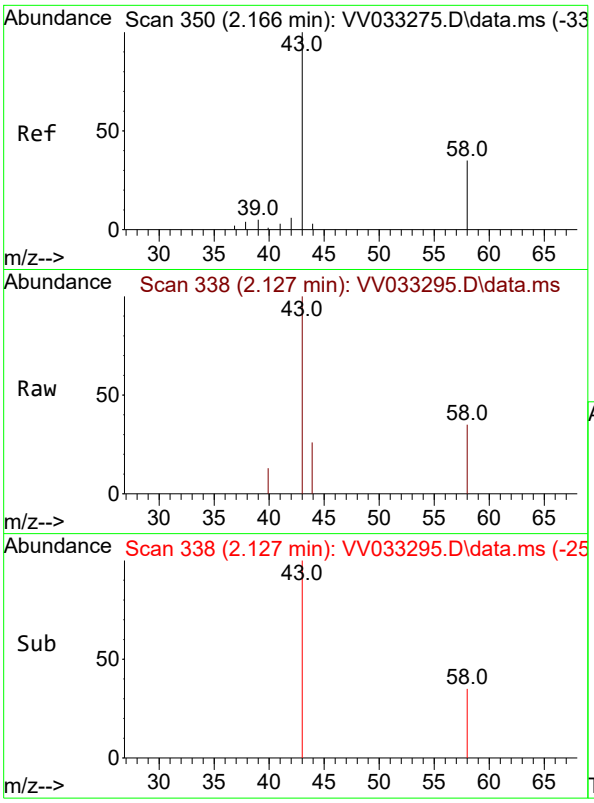


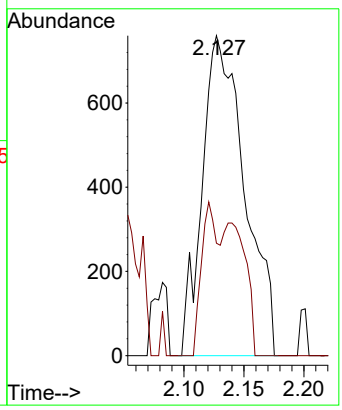


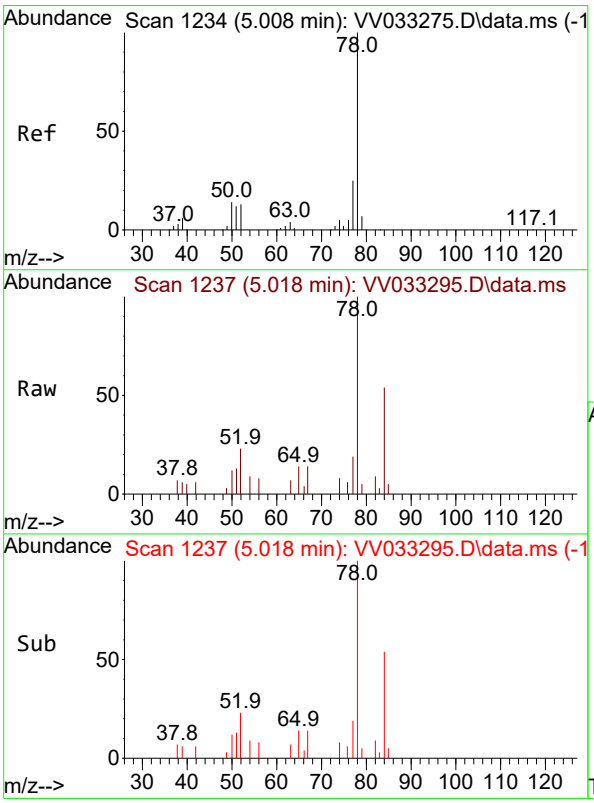
#13
Acetone
Concen: 2.911 ug/L
RT: 2.127 min Scan# 3
Delta R.T. -0.039 min
Lab File: VV033295.D
Acq: 13 Dec 2023 22:44

Instrument :
MSVOA_V
ClientSampleId :
E0Y67

Tgt Ion: 43 Resp: 1878

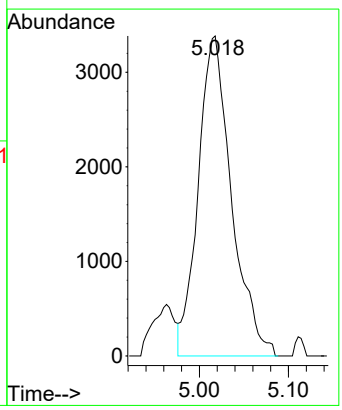
Ion	Ratio	Lower	Upper
43	100		
58	19.1	0.0	30.2

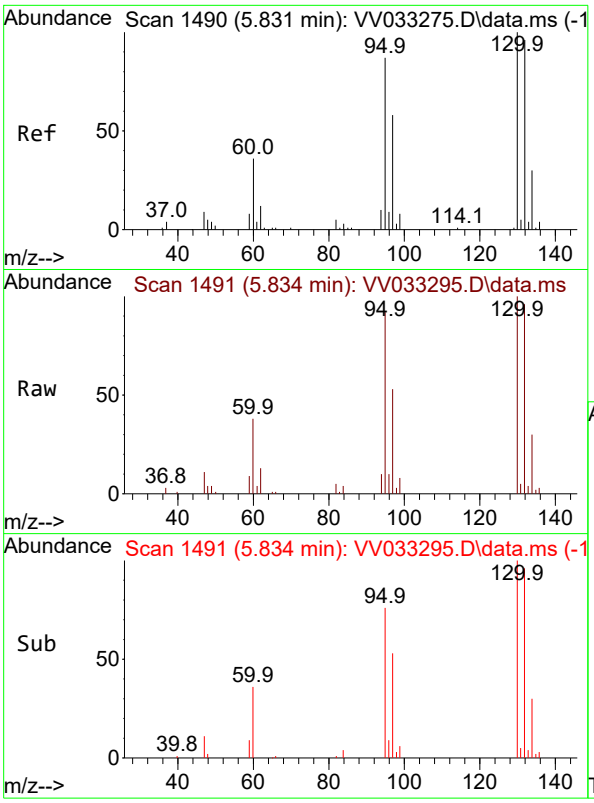




#33
Benzene
Concen: 0.270 ug/L
RT: 5.018 min Scan# 1237
Delta R.T. 0.010 min
Lab File: VV033295.D
Acq: 13 Dec 2023 22:44

Tgt Ion: 78 Resp: 8795



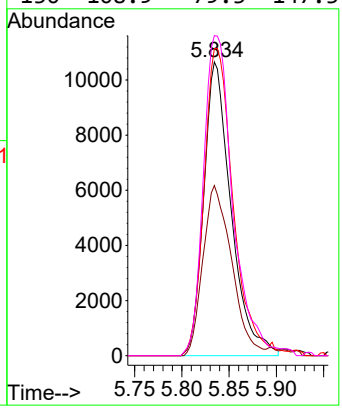


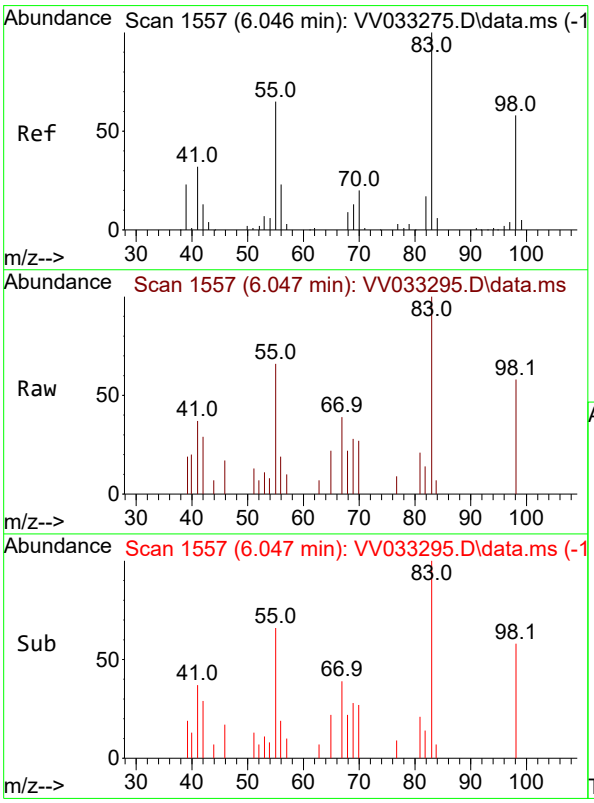
#34
Trichloroethene
Concen: 2.256 ug/L
RT: 5.834 min Scan# 14
Delta R.T. 0.003 min
Lab File: VV033295.D
Acq: 13 Dec 2023 22:44

Instrument :
MSVOA_V
ClientSampleId :
E0Y67

Tgt Ion: 95 Resp: 21435

Ion	Ratio	Lower	Upper
95	100		
97	57.9	46.5	86.5
132	104.5	75.1	139.5
130	108.9	79.3	147.3

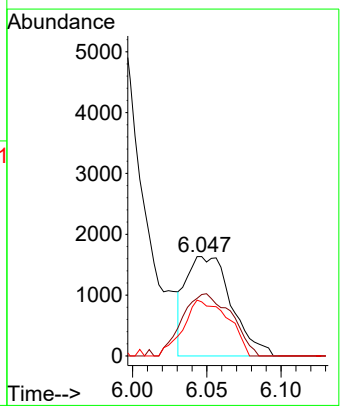


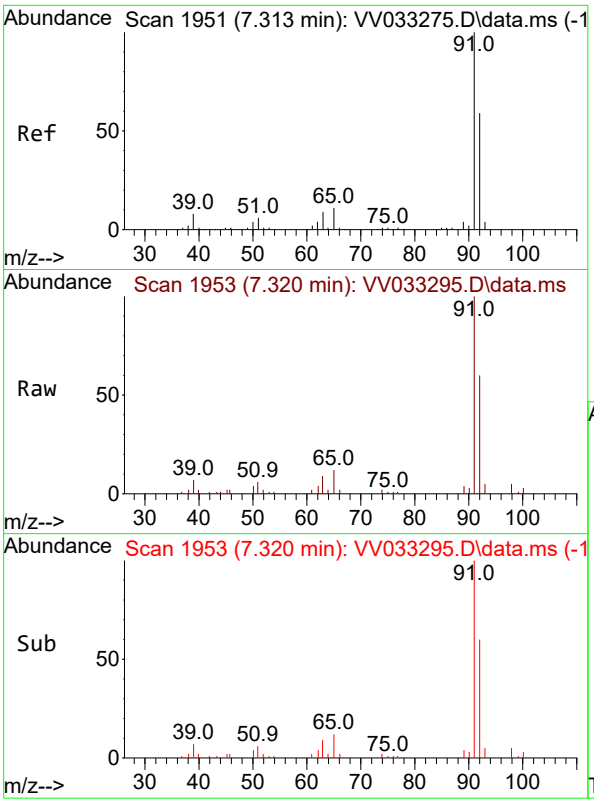


#35
Methylcyclohexane
Concen: 0.248 ug/L
RT: 6.047 min Scan# 1557
Delta R.T. 0.000 min
Lab File: VV033295.D
Acq: 13 Dec 2023 22:44

Tgt Ion: 83 Resp: 3486

Ion	Ratio	Lower	Upper
83	100		
55	67.6	50.7	76.1
98	55.2	42.4	63.6



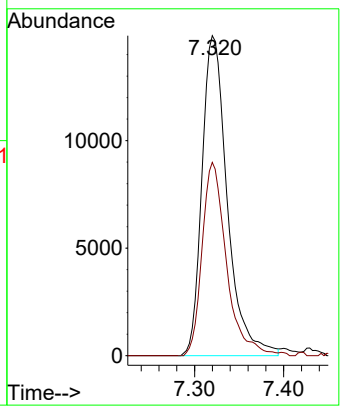


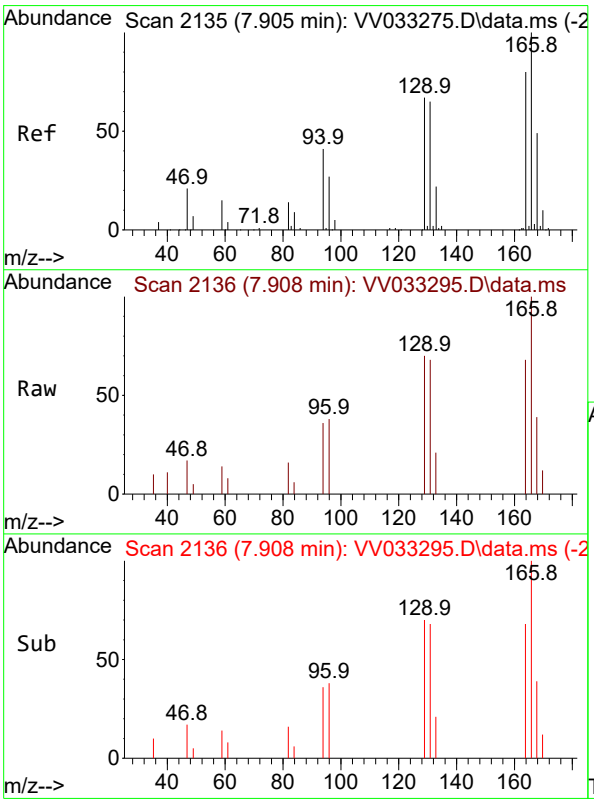
#42
Toluene
Concen: 0.788 ug/L
RT: 7.320 min Scan# 1
Delta R.T. 0.007 min
Lab File: VV033295.D
Acq: 13 Dec 2023 22:44

Instrument :
MSVOA_V
ClientSampleId :
E0Y67

Tgt Ion: 91 Resp: 29403

Ion	Ratio	Lower	Upper
91	100		
92	60.4	40.2	74.6

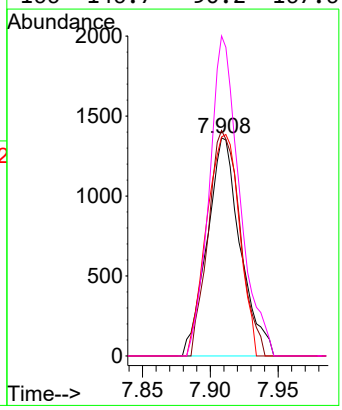


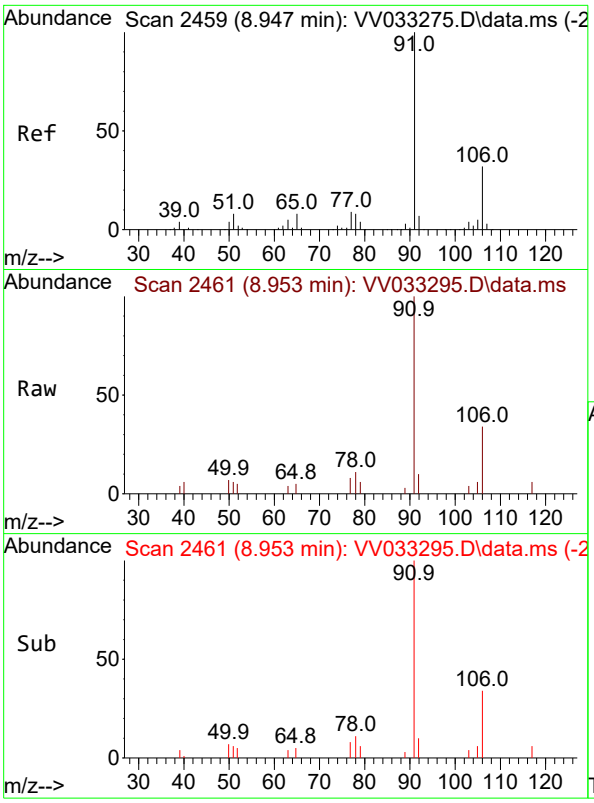


#47
Tetrachloroethene
Concen: 0.258 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.003 min
Lab File: VV033295.D
Acq: 13 Dec 2023 22:44

Tgt Ion:164 Resp: 2318

Ion	Ratio	Lower	Upper
164	100		
129	103.4	62.6	116.3
131	100.4	62.6	116.3
166	146.7	90.2	167.6



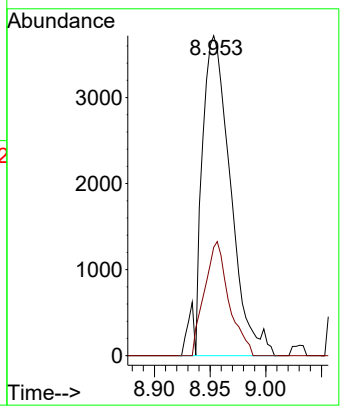


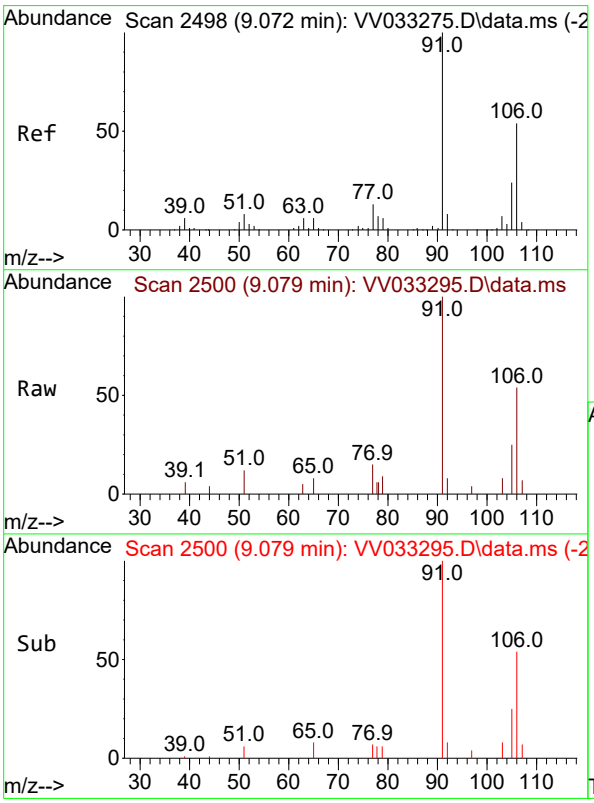
#52
Ethylbenzene
Concen: 0.160 ug/L
RT: 8.953 min Scan# 24
Delta R.T. 0.007 min
Lab File: VV033295.D
Acq: 13 Dec 2023 22:44

Instrument :
MSVOA_V
ClientSampleId :
E0Y67

Tgt Ion: 91 Resp: 6684

Ion	Ratio	Lower	Upper
91	100		
106	33.9	22.7	42.3

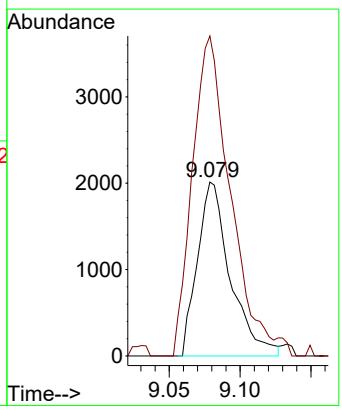


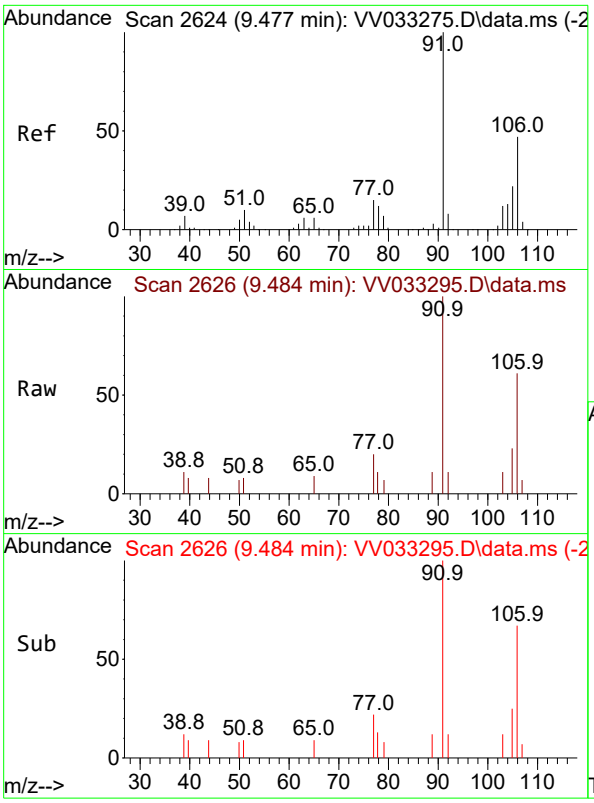


#53
m,p-Xylene
Concen: 0.189 ug/L
RT: 9.079 min Scan# 2500
Delta R.T. 0.006 min
Lab File: VV033295.D
Acq: 13 Dec 2023 22:44

Tgt Ion:106 Resp: 3251

Ion	Ratio	Lower	Upper
106	100		
91	184.1	136.8	254.0





#54
o-Xylene
Concen: 0.087 ug/L
RT: 9.484 min Scan# 2
Delta R.T. 0.007 min
Lab File: VV033295.D
Acq: 13 Dec 2023 22:44

Instrument :
MSVOA_V
ClientSampleId :
E0Y67

Tgt Ion:106 Resp: 1413

Ion	Ratio	Lower	Upper
106	100		
91	164.3	149.9	278.5