Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101923\
Data File : VV032503.D
Acq On : 19 Oct 2023 17:41
Operator : SY/MD
Sample : 04950-19
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Oct 20 06:24:46 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 20 06:17:42 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	88295	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	99552	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	49217	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	34923	4.863	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 97.200%			
7) Chloroethane-d5	1.532	69	31849	5.464	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 109.200%			
11) 1,1-Dichloroethene-d2	2.060	65	13603	4.492	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 89.800%			
20) 2-Butanone-d5	3.799	46	89809	49.440	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 98.880%			
24) Chloroform-d	4.253	84	61749	4.874	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.400%			
26) 1,2-Dichloroethane-d4	4.947	65	32381	5.396	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 108.000%			
32) Benzene-d6	4.960	84	119640	4.084	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 81.600%			
36) 1,2-Dichloropropane-d6	5.992	67	40641	4.187	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 83.800%			
41) Toluene-d8	7.246	98	105002	3.920	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 78.400%			
43) trans-1,3-Dichloroprop...	7.558	79	14673	4.266	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 85.400%			
46) 2-Hexanone-d5	8.027	63	77476	47.879	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 95.760%			
56) 1,1,2,2-Tetrachloroeth...	10.156	84	33569	4.945	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 99.000%			
66) 1,2-Dichlorobenzene-d4	11.564	152	41926	4.591	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 91.800%			
Target Compounds						Qvalue
3) Chloromethane	1.217	50	1473	0.149	ug/L	94
13) Acetone	2.131	43	3243	2.316	ug/L	98
15) Methyl Acetate	2.436	43	585	0.186	ug/L #	53
30) Cyclohexane	4.584	56	2464	0.166	ug/L #	68
33) Benzene	5.015	78	16714	0.477	ug/L	100
35) Methylcyclohexane	6.050	83	3644	0.246	ug/L #	87
42) Toluene	7.317	91	147328	3.943	ug/L	100
52) Ethylbenzene	8.950	91	35159	0.845	ug/L	98
53) m,p-Xylene	9.076	106	44747	2.900	ug/L	99
54) o-Xylene	9.481	106	18647	1.254	ug/L	94
60) Isopropylbenzene	10.387	105	30801	0.805	ug/L	93
62) 1,3,5-Trimethylbenzene	10.481	105	8539	0.274	ug/L	98
63) 1,2,4-Trimethylbenzene	10.854	105	34067	1.098	ug/L	99
71) Naphthalene	13.452	128	3698	0.183	ug/L	97

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

Quantitation Report (Not Reviewed)

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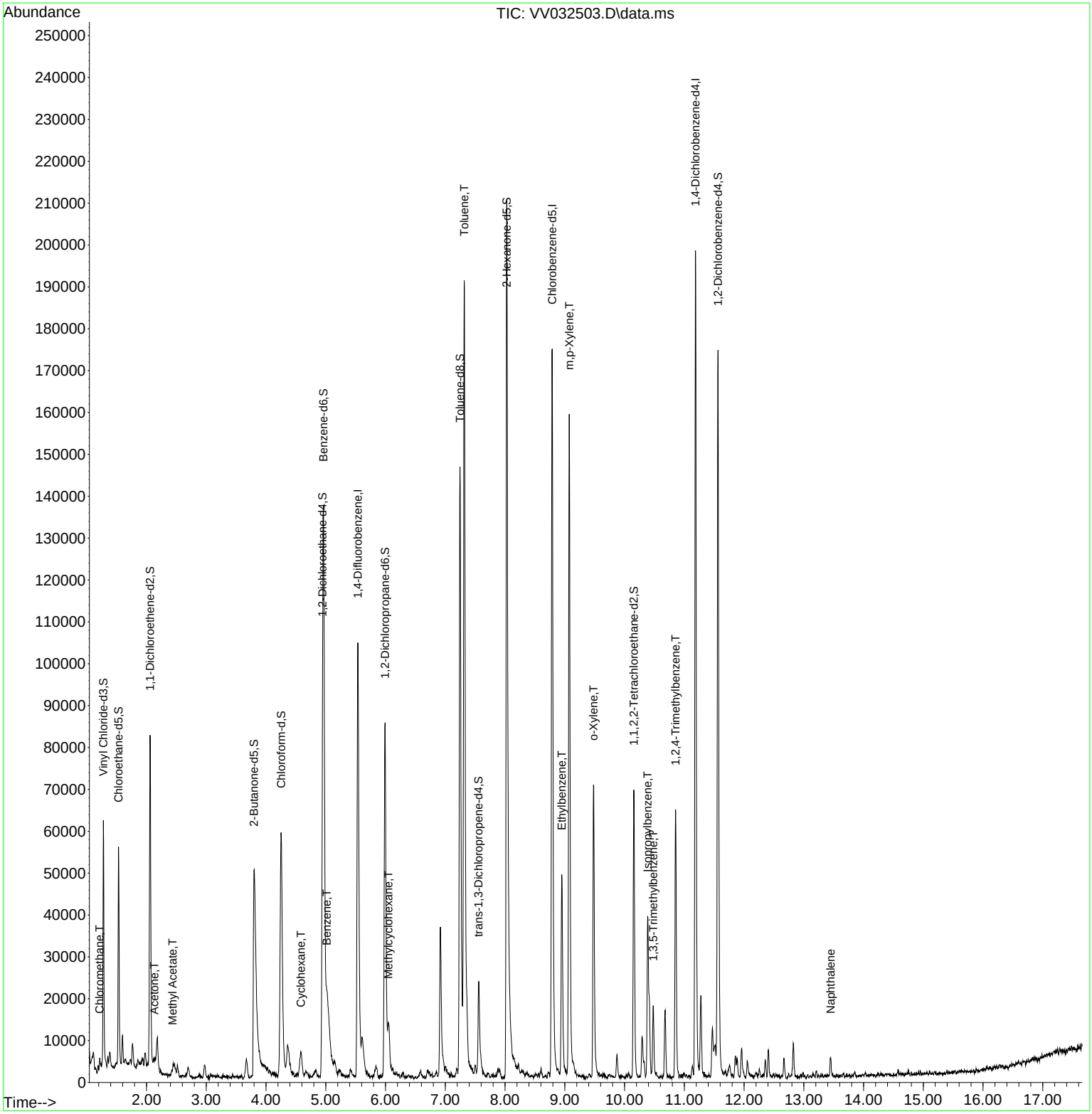
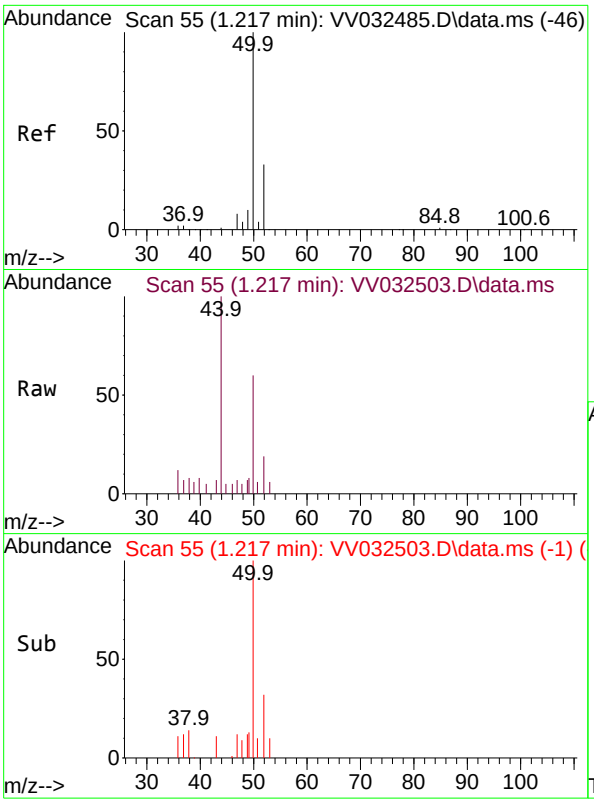
Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Oct 20 06:24:46 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 20 06:17:42 2023
Response via : Initial Calibration



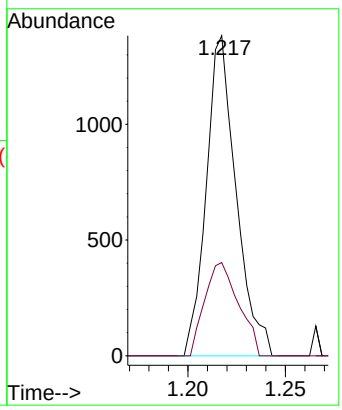


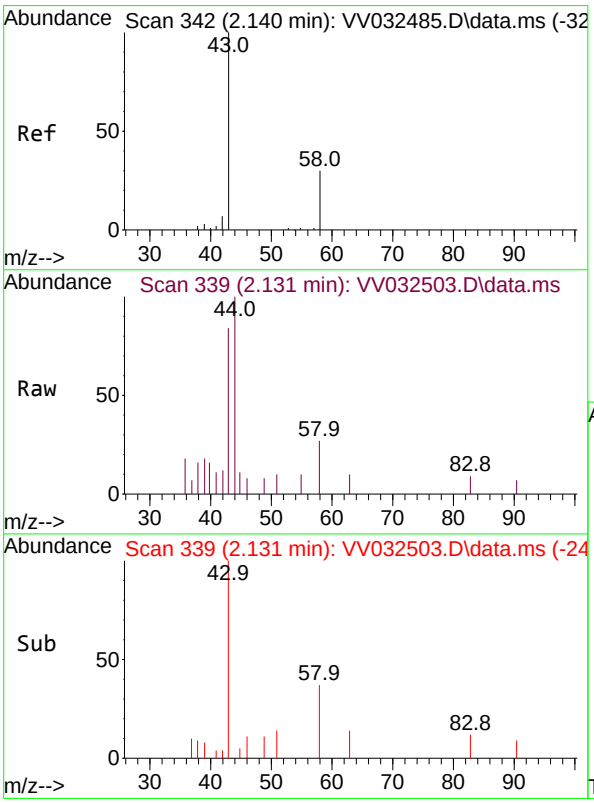
#3
Chloromethane
Concen: 0.149 ug/L
RT: 1.217 min Scan# 5
Delta R.T. 0.000 min
Lab File: VV032503.D
Acq: 19 Oct 2023 17:41

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 50 Resp: 1473

Ion	Ratio	Lower	Upper
50	100		
52	29.1	23.0	42.6

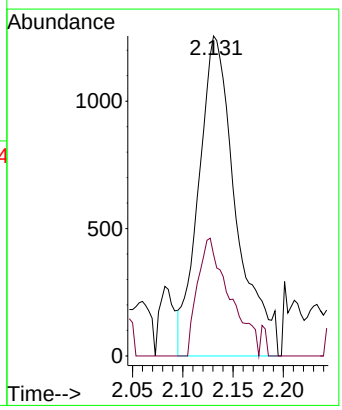


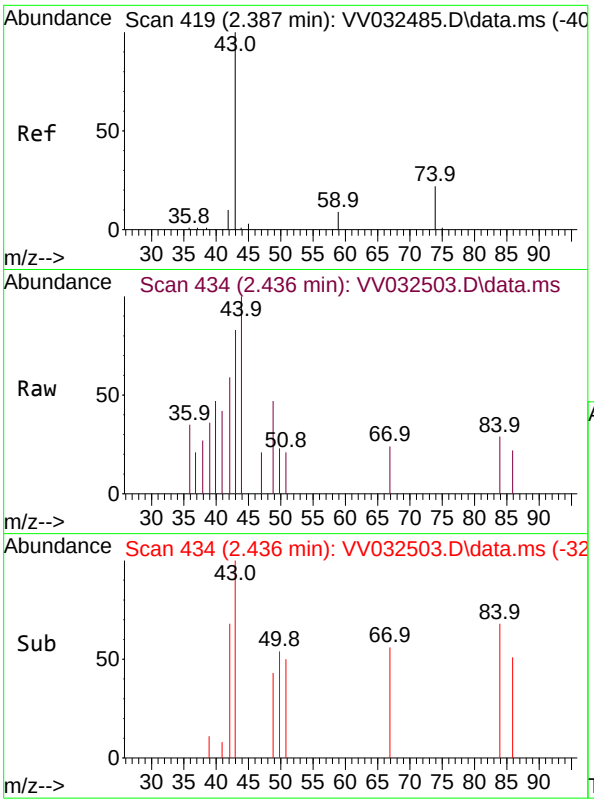


#13
Acetone
Concen: 2.316 ug/L
RT: 2.131 min Scan# 339
Delta R.T. -0.009 min
Lab File: VV032503.D
Acq: 19 Oct 2023 17:41

Tgt Ion: 43 Resp: 3243

Ion	Ratio	Lower	Upper
43	100		
58	31.6	0.0	66.0



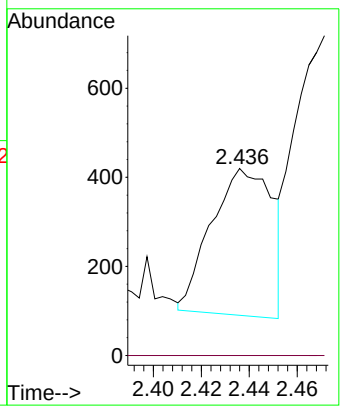


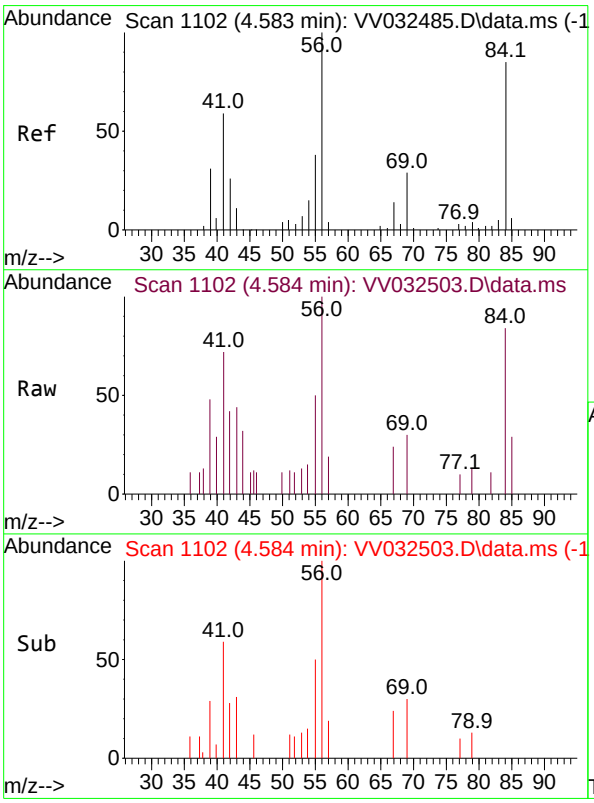
#15
Methyl Acetate
Concen: 0.186 ug/L
RT: 2.436 min Scan# 4
Delta R.T. 0.049 min
Lab File: VV032503.D
Acq: 19 Oct 2023 17:41

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 585

Ion	Ratio	Lower	Upper
43	100		
74	0.0	18.0	27.0#

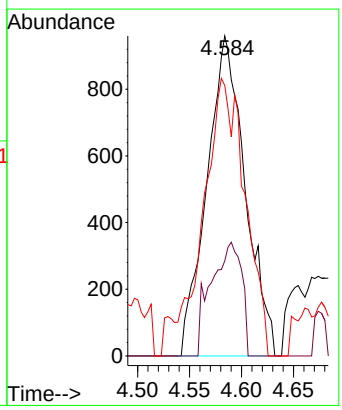


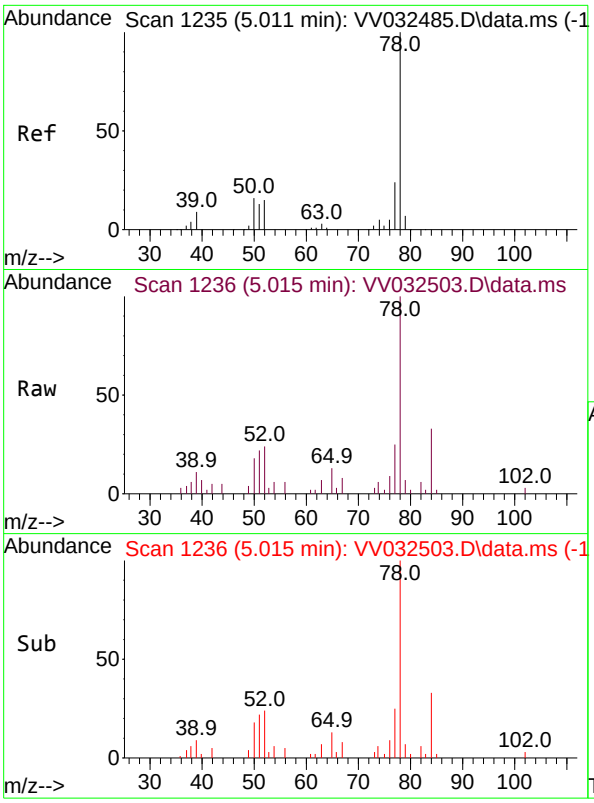


#30
Cyclohexane
Concen: 0.166 ug/L
RT: 4.584 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VV032503.D
Acq: 19 Oct 2023 17:41

Tgt Ion: 56 Resp: 2464

Ion	Ratio	Lower	Upper
56	100		
69	28.1	24.2	36.2
84	47.3	68.1	102.1#

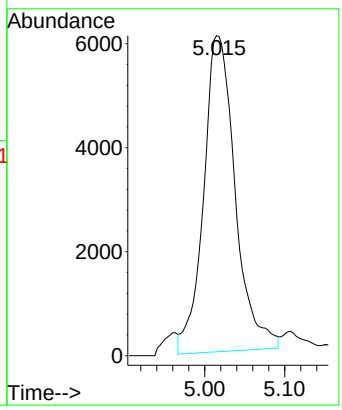


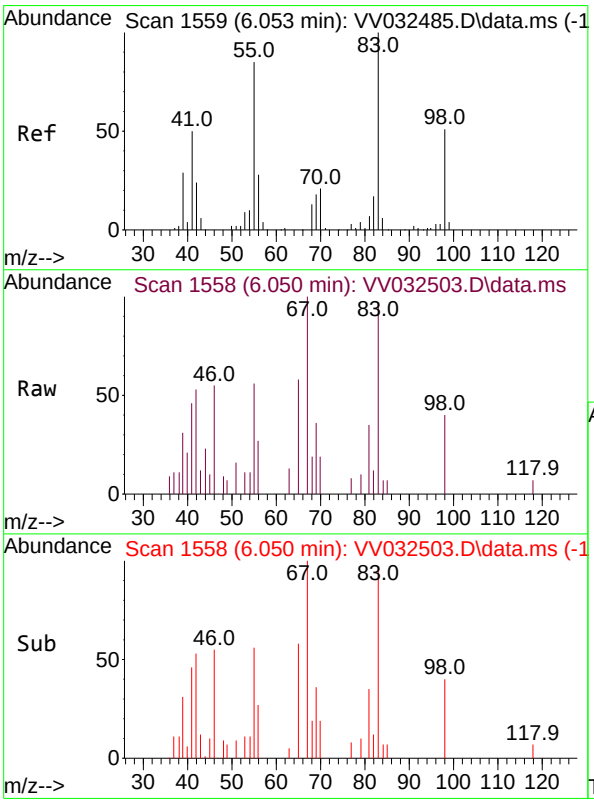


#33
Benzene
Concen: 0.477 ug/L
RT: 5.015 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV032503.D
Acq: 19 Oct 2023 17:41

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 78 Resp: 16714

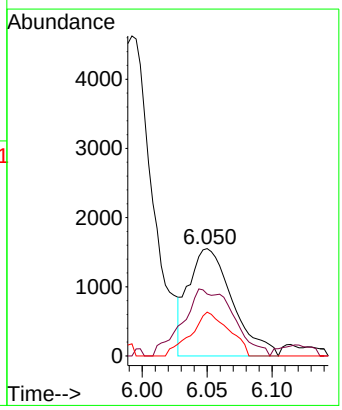


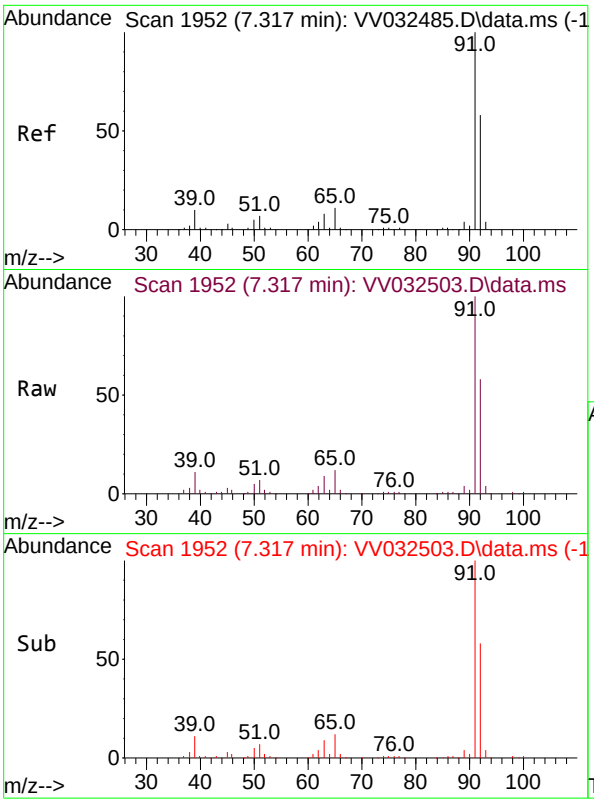


#35
Methylcyclohexane
Concen: 0.246 ug/L
RT: 6.050 min Scan# 1558
Delta R.T. -0.003 min
Lab File: VV032503.D
Acq: 19 Oct 2023 17:41

Tgt Ion: 83 Resp: 3644

Ion	Ratio	Lower	Upper
83	100		
55	72.1	64.2	96.2
98	35.5	39.6	59.4#



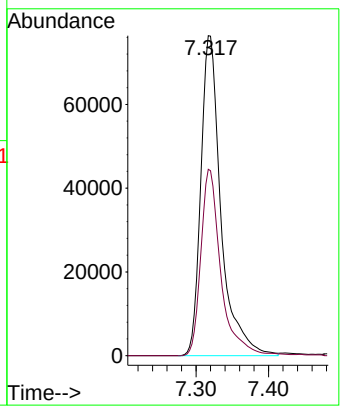


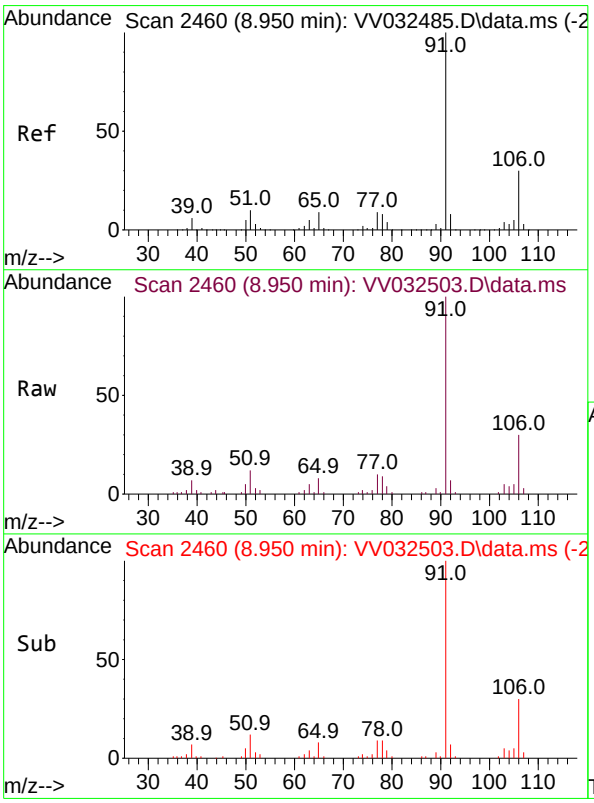
#42
Toluene
Concen: 3.943 ug/L
RT: 7.317 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV032503.D
Acq: 19 Oct 2023 17:41

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 91 Resp: 147328

Ion	Ratio	Lower	Upper
91	100		
92	58.2	40.8	75.8

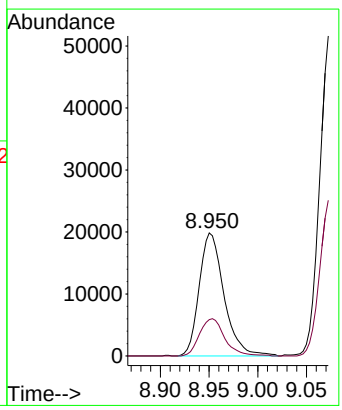


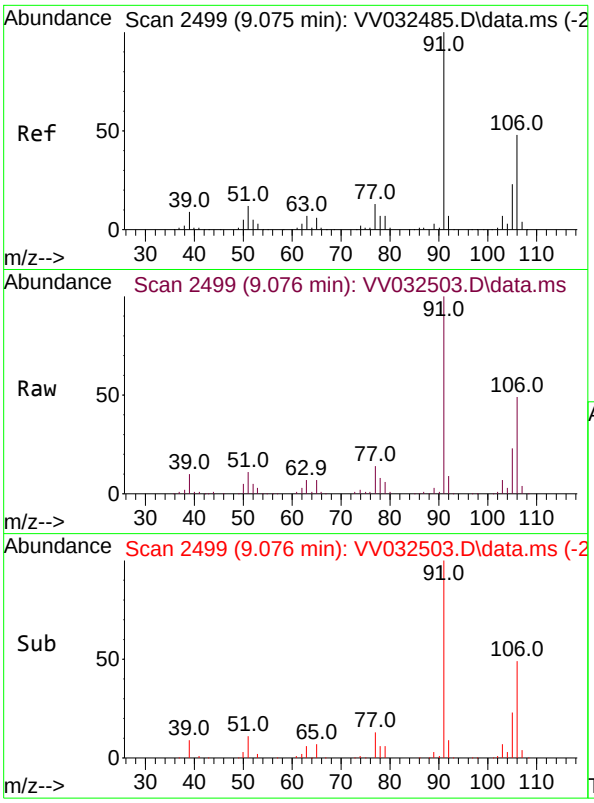


#52
Ethylbenzene
Concen: 0.845 ug/L
RT: 8.950 min Scan# 2460
Delta R.T. 0.000 min
Lab File: VV032503.D
Acq: 19 Oct 2023 17:41

Tgt Ion: 91 Resp: 35159

Ion	Ratio	Lower	Upper
91	100		
106	29.5	21.3	39.5



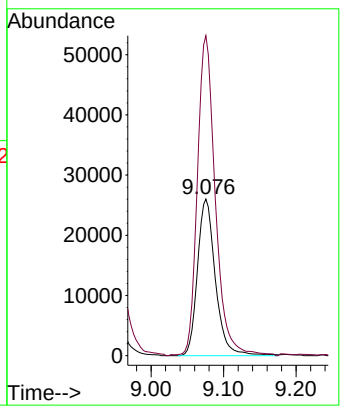


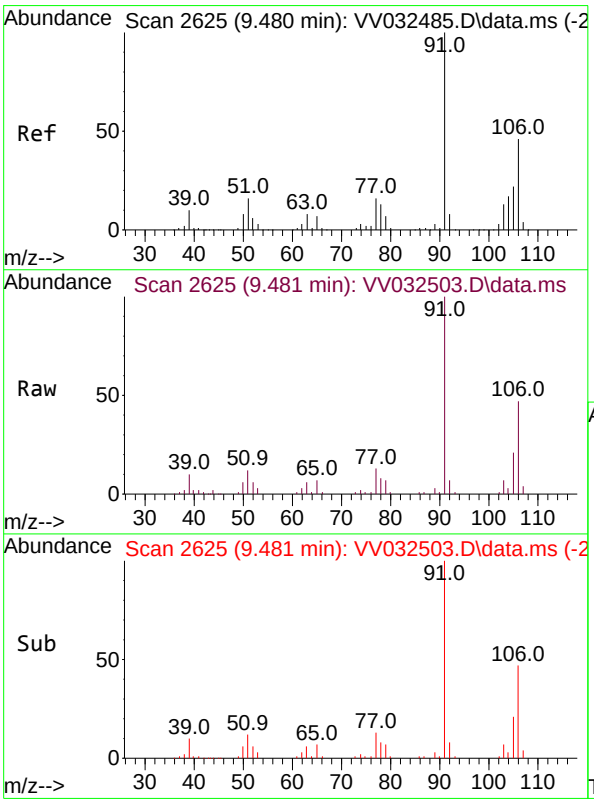
#53
m,p-Xylene
Concen: 2.900 ug/L
RT: 9.076 min Scan# 24
Delta R.T. 0.000 min
Lab File: VV032503.D
Acq: 19 Oct 2023 17:41

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:106 Resp: 44747

Ion	Ratio	Lower	Upper
106	100		
91	204.3	144.5	268.3

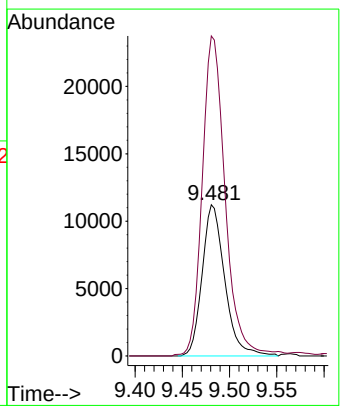


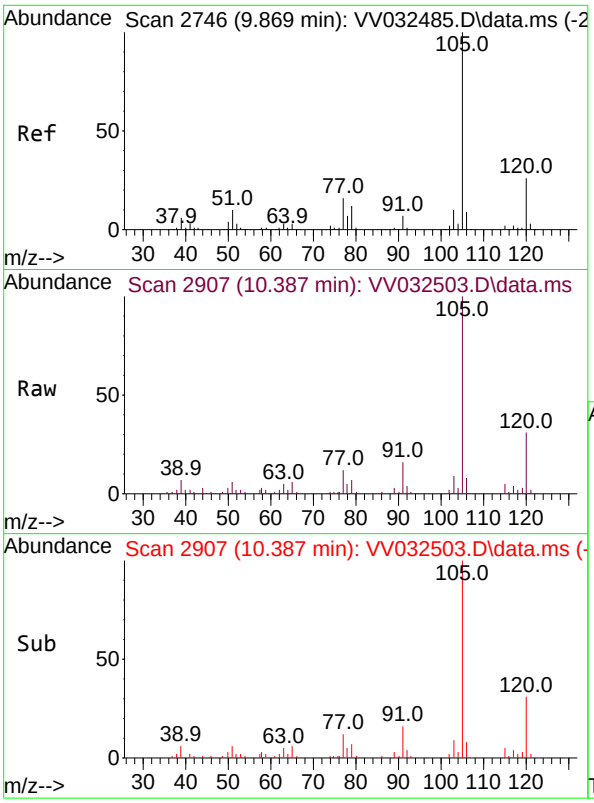


#54
o-Xylene
Concen: 1.254 ug/L
RT: 9.481 min Scan# 2625
Delta R.T. 0.000 min
Lab File: VV032503.D
Acq: 19 Oct 2023 17:41

Tgt Ion:106 Resp: 18647

Ion	Ratio	Lower	Upper
106	100		
91	211.7	154.8	287.4



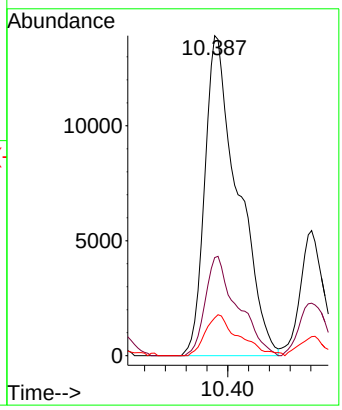


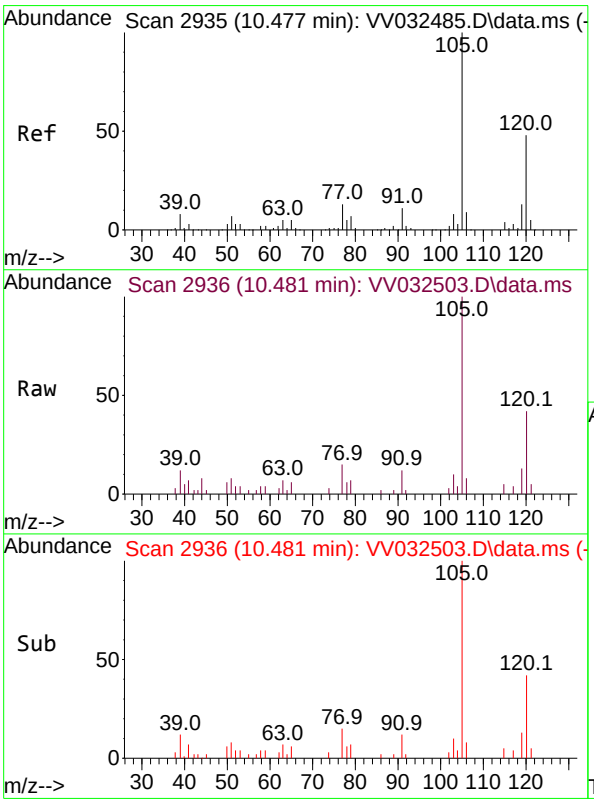
#60
Isopropylbenzene
Concen: 0.805 ug/L
RT: 10.387 min Scan# 2
Delta R.T. 0.518 min
Lab File: VV032503.D
Acq: 19 Oct 2023 17:41

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:105 Resp: 30801

Ion	Ratio	Lower	Upper
105	100		
120	30.1	21.0	31.6
77	12.8	12.6	19.0

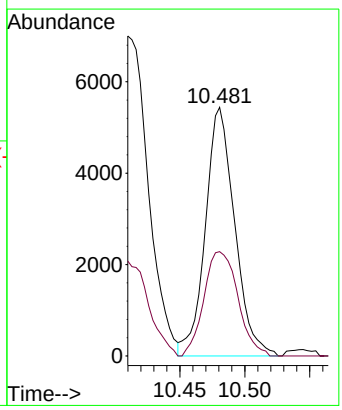


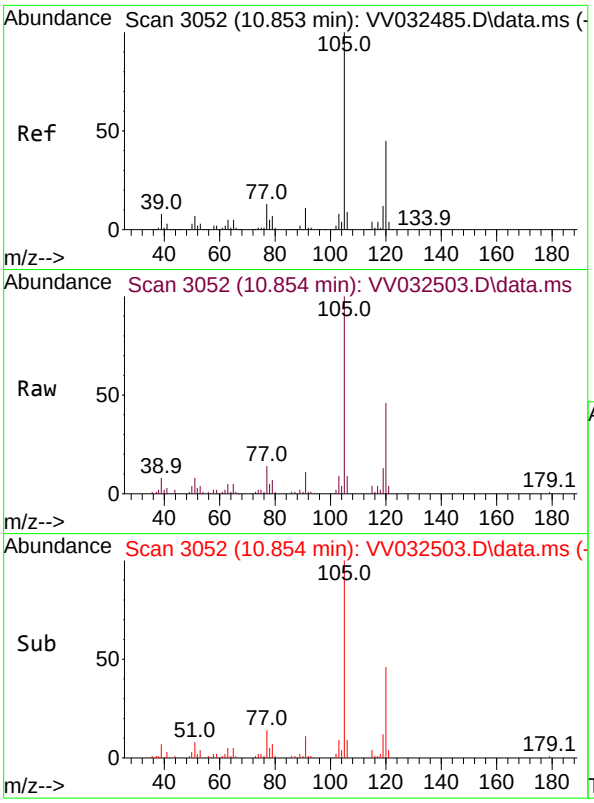


#62
1,3,5-Trimethylbenzene
Concen: 0.274 ug/L
RT: 10.481 min Scan# 2936
Delta R.T. 0.004 min
Lab File: VV032503.D
Acq: 19 Oct 2023 17:41

Tgt Ion:105 Resp: 8539

Ion	Ratio	Lower	Upper
105	100		
120	48.6	39.9	59.9



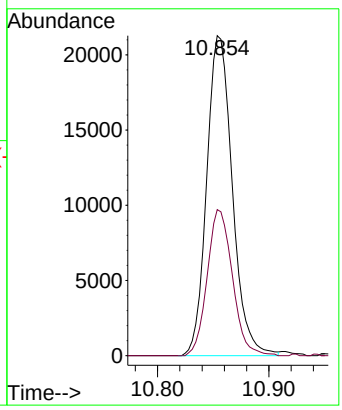


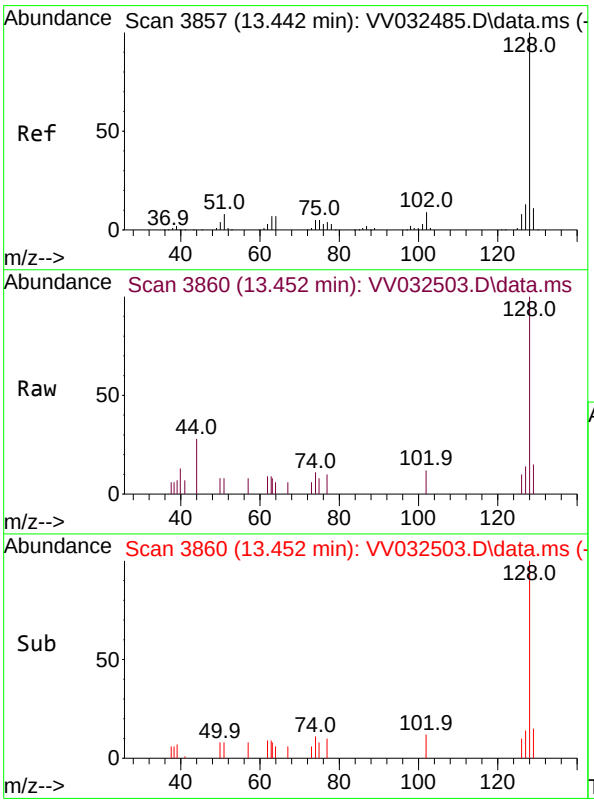
#63
1,2,4-Trimethylbenzene
Concen: 1.098 ug/L
RT: 10.854 min Scan# 3
Delta R.T. 0.000 min
Lab File: VV032503.D
Acq: 19 Oct 2023 17:41

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:105 Resp: 34067

Ion	Ratio	Lower	Upper
105	100		
120	44.9	36.2	54.4





#71
Naphthalene
Concen: 0.183 ug/L
RT: 13.452 min Scan# 3860
Delta R.T. 0.010 min
Lab File: VV032503.D
Acq: 19 Oct 2023 17:41

Tgt Ion:128 Resp: 3698

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.4
127	10.5	10.2	15.2