Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102023\
Data File : VV032539.D
Acq On : 20 Oct 2023 21:53
Operator : SY/MD
Sample : 04950-15
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A49E7

Quant Time: Oct 23 02:56:59 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Oct 21 02:44:24 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	79570	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	90326	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	42547	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	25137	3.884	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 77.600%			
7) Chloroethane-d5	1.532	69	24988	4.757	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.200%			
11) 1,1-Dichloroethene-d2	2.060	65	10398	3.810	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 76.200%			
20) 2-Butanone-d5	3.802	46	76220	46.560	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 93.120%			
24) Chloroform-d	4.252	84	49930	4.374	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.400%			
26) 1,2-Dichloroethane-d4	4.947	65	28053	5.188	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.800%			
32) Benzene-d6	4.963	84	92866	3.494	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 69.800%#			
36) 1,2-Dichloropropane-d6	5.992	67	32705	3.714	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 74.200%			
41) Toluene-d8	7.246	98	77027	3.169	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 63.400%#			
43) trans-1,3-Dichloroprop...	7.561	79	11101	3.557	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 71.200%			
46) 2-Hexanone-d5	8.027	63	61962	42.203	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 84.400%			
56) 1,1,2,2-Tetrachloroeth...	10.156	84	28802	4.676	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.600%			
66) 1,2-Dichlorobenzene-d4	11.564	152	32299	4.091	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 81.800%			
Target Compounds						Qvalue
3) Chloromethane	1.217	50	5236	0.586	ug/L	92
13) Acetone	2.137	43	2218	1.758	ug/L	96
22) cis-1,2-Dichloroethene	3.831	96	912	0.127	ug/L	95
42) Toluene	7.323	91	26666	0.787	ug/L	100
52) Ethylbenzene	8.953	91	7252	0.192	ug/L	97
53) m,p-Xylene	9.079	106	8743	0.624	ug/L	95
54) o-Xylene	9.484	106	3805	0.282	ug/L	94
63) 1,2,4-Trimethylbenzene	10.857	105	7569	0.282	ug/L	95

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

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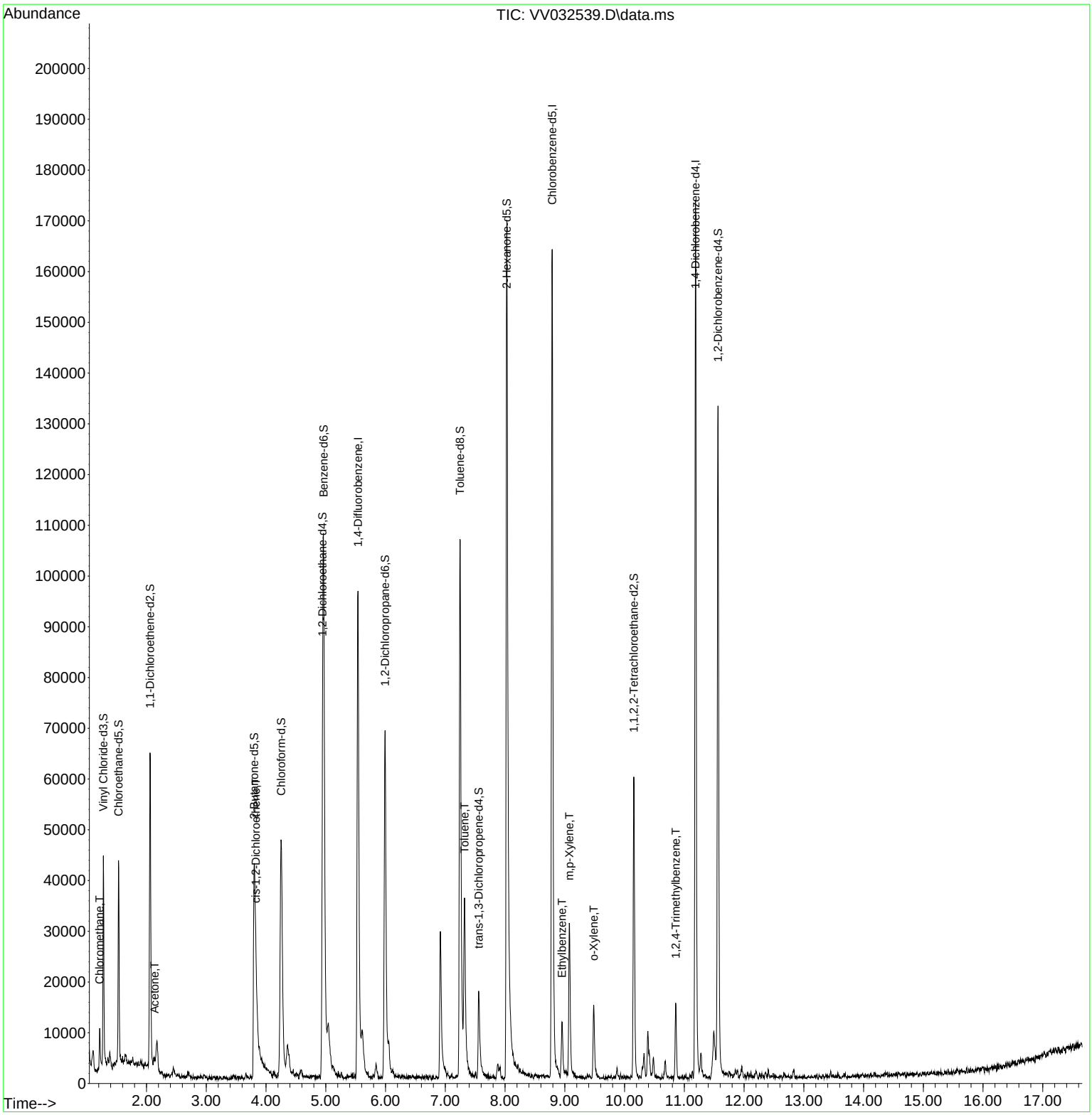
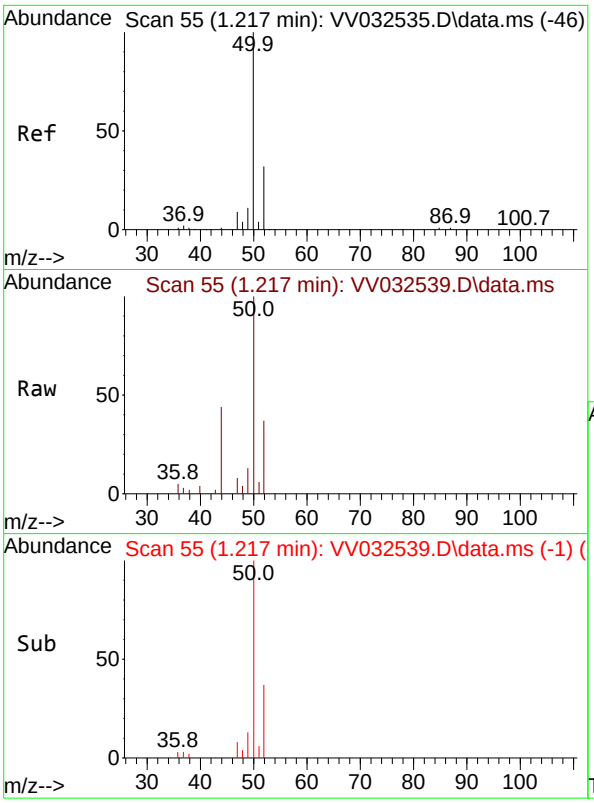


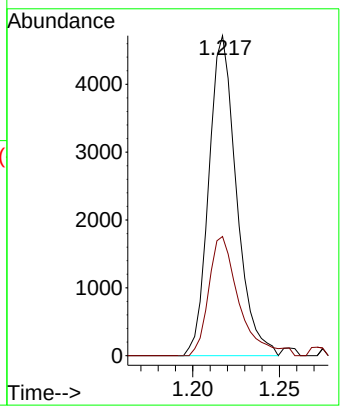


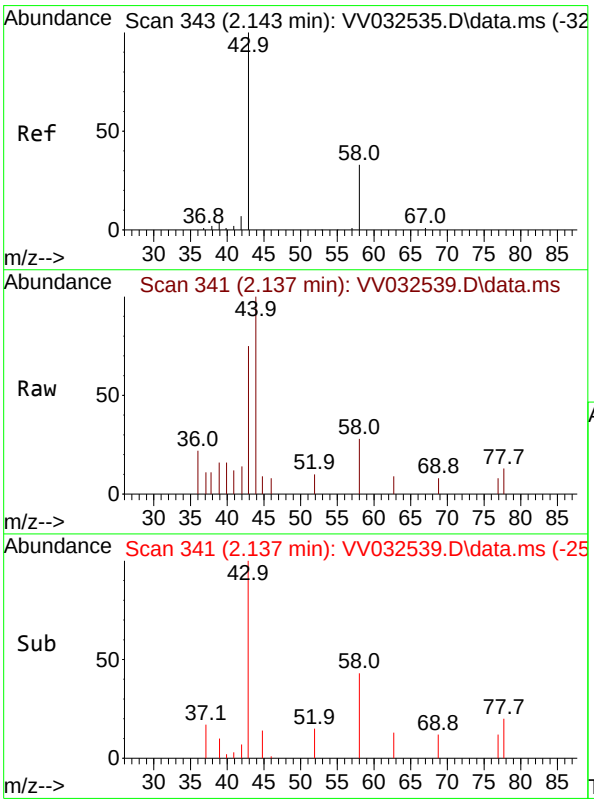
#3
Chloromethane
Concen: 0.586 ug/L
RT: 1.217 min Scan# 5
Delta R.T. -0.000 min
Lab File: VV032539.D
Acq: 20 Oct 2023 21:53

Instrument :
MSVOA_V
ClientSampleId :
A49E7

Tgt Ion: 50 Resp: 5236

Ion	Ratio	Lower	Upper
50	100		
52	37.3	23.0	42.6

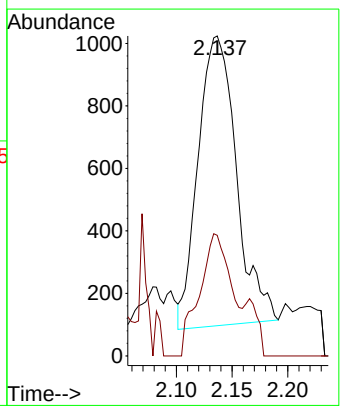


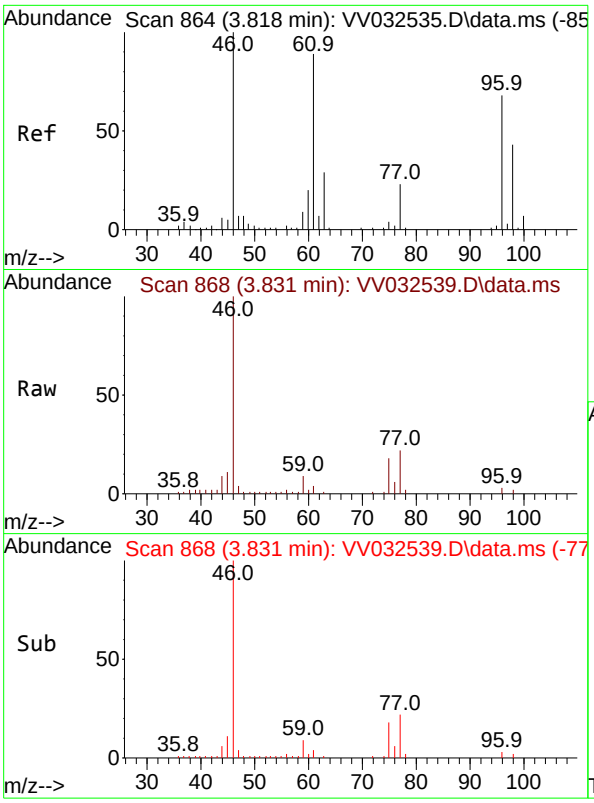


#13
Acetone
Concen: 1.758 ug/L
RT: 2.137 min Scan# 341
Delta R.T. -0.006 min
Lab File: VV032539.D
Acq: 20 Oct 2023 21:53

Tgt Ion: 43 Resp: 2218

Ion	Ratio	Lower	Upper
43	100		
58	35.2	0.0	66.0



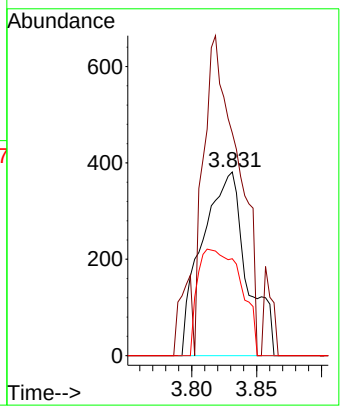


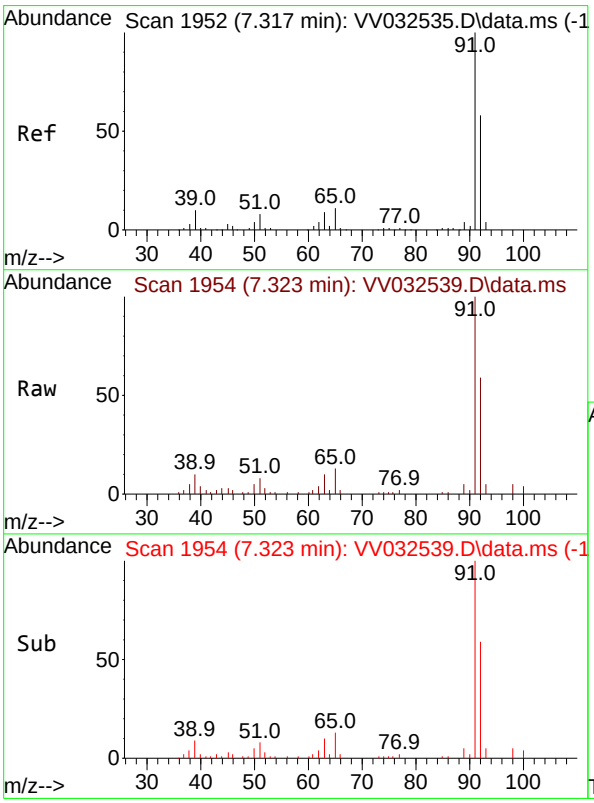
#22
cis-1,2-Dichloroethene
Concen: 0.127 ug/L
RT: 3.831 min Scan# 8
Delta R.T. 0.013 min
Lab File: VV032539.D
Acq: 20 Oct 2023 21:53

Instrument :
MSVOA_V
ClientSampleId :
A49E7

Tgt Ion: 96 Resp: 912

Ion	Ratio	Lower	Upper
96	100		
61	121.3	85.8	159.4
98	52.8	44.0	81.6

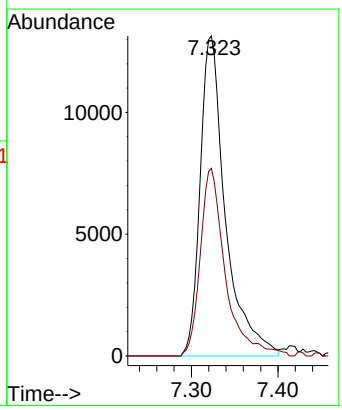


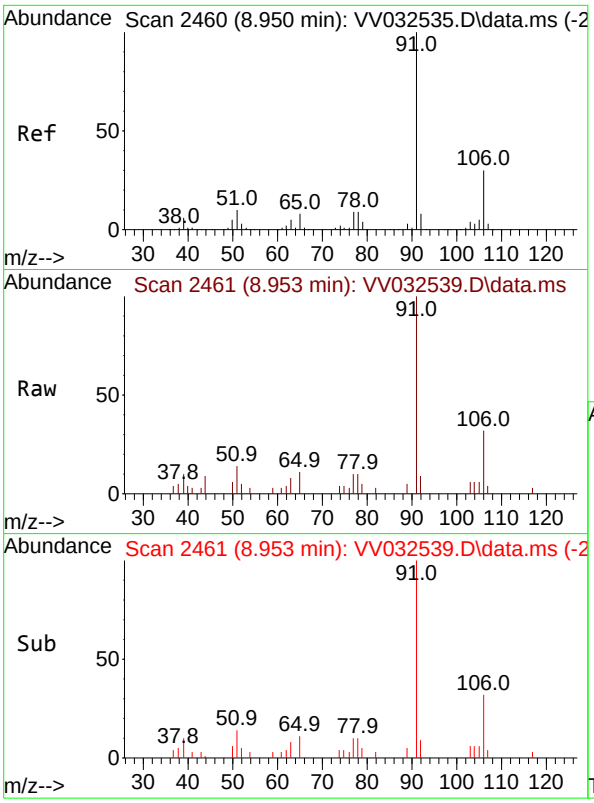


#42
Toluene
Concen: 0.787 ug/L
RT: 7.323 min Scan# 1954
Delta R.T. 0.006 min
Lab File: VV032539.D
Acq: 20 Oct 2023 21:53

Tgt Ion: 91 Resp: 26666

Ion	Ratio	Lower	Upper
91	100		
92	58.6	40.8	75.8



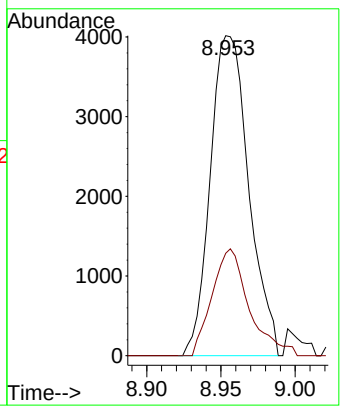


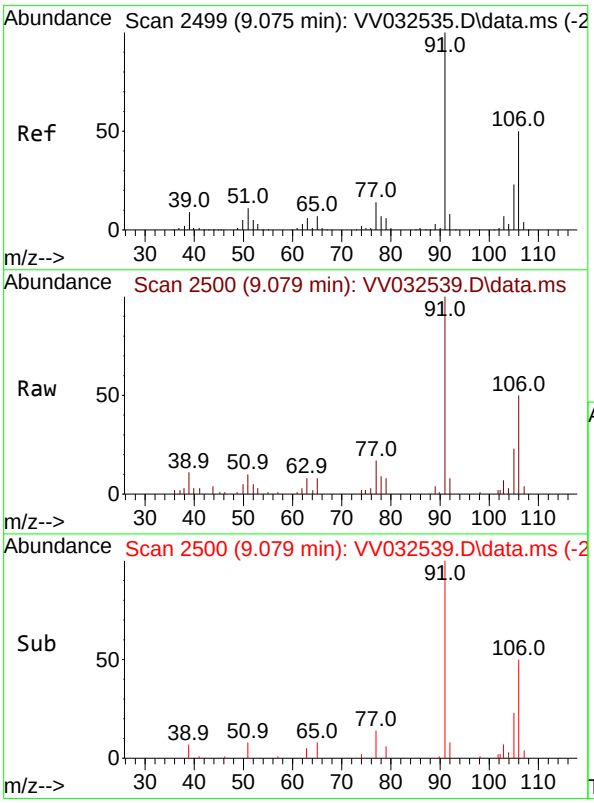
#52
Ethylbenzene
Concen: 0.192 ug/L
RT: 8.953 min Scan# 24
Delta R.T. 0.003 min
Lab File: VV032539.D
Acq: 20 Oct 2023 21:53

Instrument :
MSVOA_V
ClientSampleId :
A49E7

Tgt Ion: 91 Resp: 7252

Ion	Ratio	Lower	Upper
91	100		
106	32.0	21.3	39.5

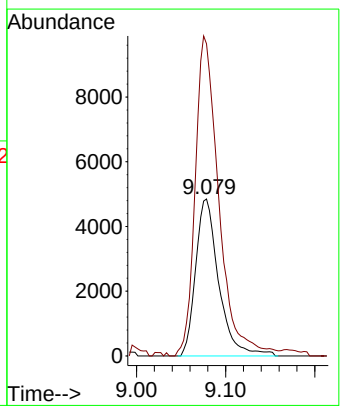


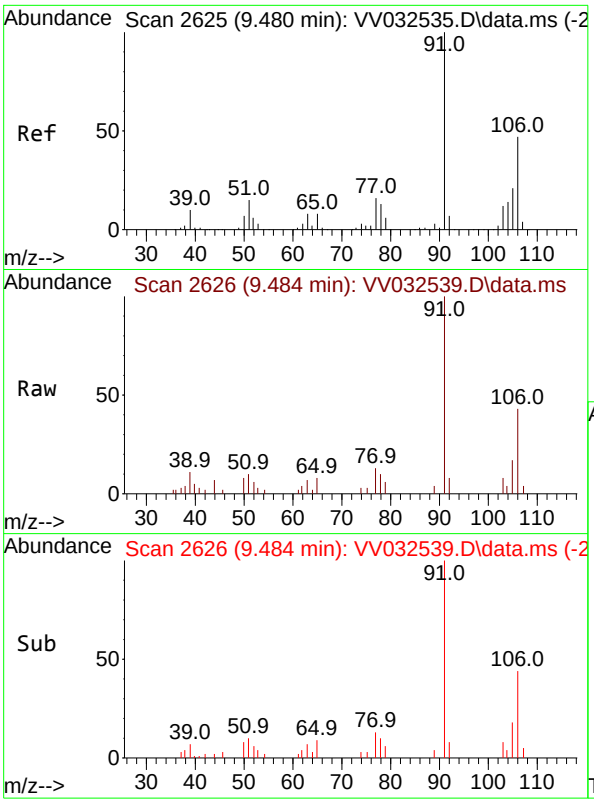


#53
m,p-Xylene
Concen: 0.624 ug/L
RT: 9.079 min Scan# 2500
Delta R.T. 0.003 min
Lab File: VV032539.D
Acq: 20 Oct 2023 21:53

Tgt Ion:106 Resp: 8743

Ion	Ratio	Lower	Upper
106	100		
91	198.8	144.5	268.3



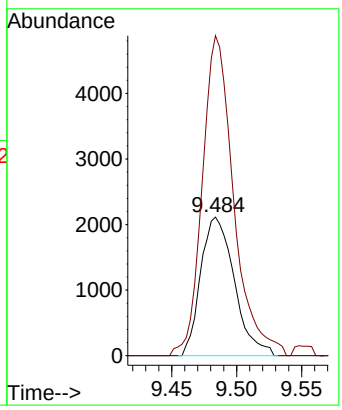


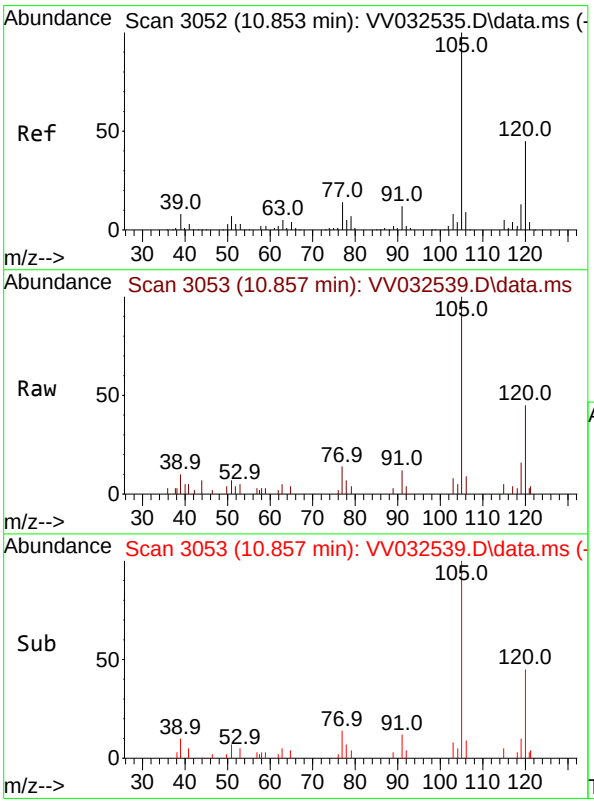
#54
o-Xylene
Concen: 0.282 ug/L
RT: 9.484 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV032539.D
Acq: 20 Oct 2023 21:53

Instrument :
MSVOA_V
ClientSampleId :
A49E7

Tgt Ion:106 Resp: 3805

Ion	Ratio	Lower	Upper
106	100		
91	231.0	154.8	287.4





#63
1,2,4-Trimethylbenzene
Concen: 0.282 ug/L
RT: 10.857 min Scan# 3053
Delta R.T. 0.003 min
Lab File: VV032539.D
Acq: 20 Oct 2023 21:53

Tgt Ion:105 Resp: 7569

Ion	Ratio	Lower	Upper
105	100		
120	48.4	36.2	54.4