Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102823\
Data File : VU055969.D
Acq On : 28 Oct 2023 13:15
Operator : MD/SY
Sample : 05009-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A49J4

Quant Time: Oct 30 04:53:15 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Oct 30 04:51:15 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	348320	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	348668	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	167335	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	126920	4.606	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 92.200%			
7) Chloroethane-d5	1.914	69	113143	5.268	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 105.400%			
11) 1,1-Dichloroethene-d2	2.566	65	59294	5.069	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 101.400%			
20) 2-Butanone-d5	4.624	46	257190	52.322	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 104.640%			
24) Chloroform-d	5.058	84	263956	5.170	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.400%			
26) 1,2-Dichloroethane-d4	5.698	65	124118	4.990	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.800%			
32) Benzene-d6	5.724	84	543906	5.237	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.800%			
36) 1,2-Dichloropropane-d6	6.685	67	163047	5.296	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 106.000%			
41) Toluene-d8	7.894	98	477059	5.063	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.200%			
43) trans-1,3-Dichloroprop...	8.177	79	56990	4.733	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 94.600%			
46) 2-Hexanone-d5	8.631	63	209381	68.497	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 137.000%#			
56) 1,1,2,2-Tetrachloroeth...	10.753	84	115351	5.145	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.800%			
66) 1,2-Dichlorobenzene-d4	12.190	152	171249	5.485	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 109.800%			
Target Compounds						Qvalue
3) Chloromethane	1.521	50	4362	0.230	ug/L	87
22) cis-1,2-Dichloroethene	4.663	96	2164	0.107	ug/L	86
33) Benzene	5.775	78	10742	0.140	ug/L	100
42) Toluene	7.968	91	76078	0.946	ug/L	98
52) Ethylbenzene	9.569	91	20141	0.221	ug/L	95
53) m,p-Xylene	9.692	106	23429	0.688	ug/L	96
54) o-Xylene	10.103	106	8271	0.248	ug/L	90
63) 1,2,4-Trimethylbenzene	11.470	105	17632	0.279	ug/L	99

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

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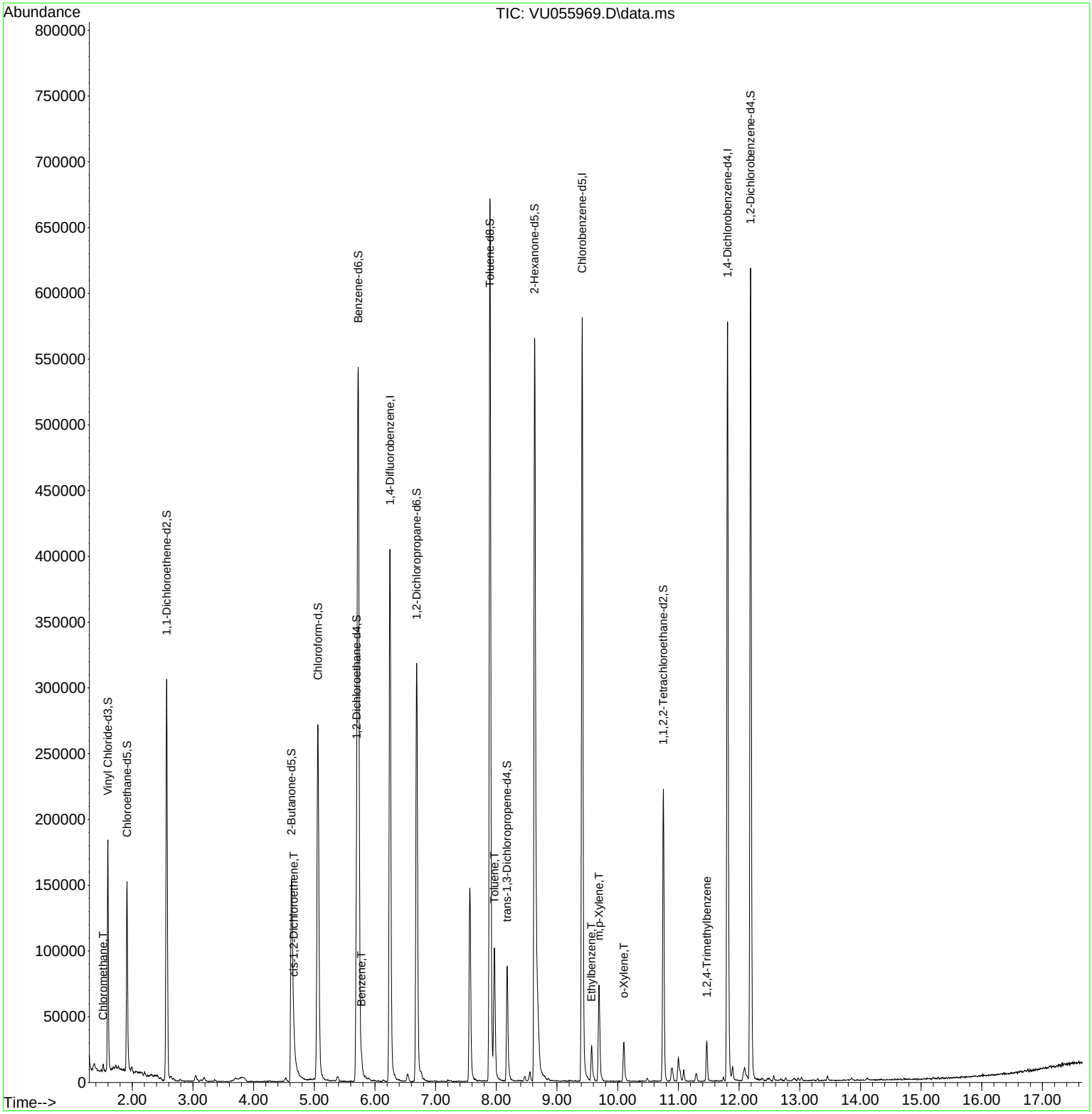
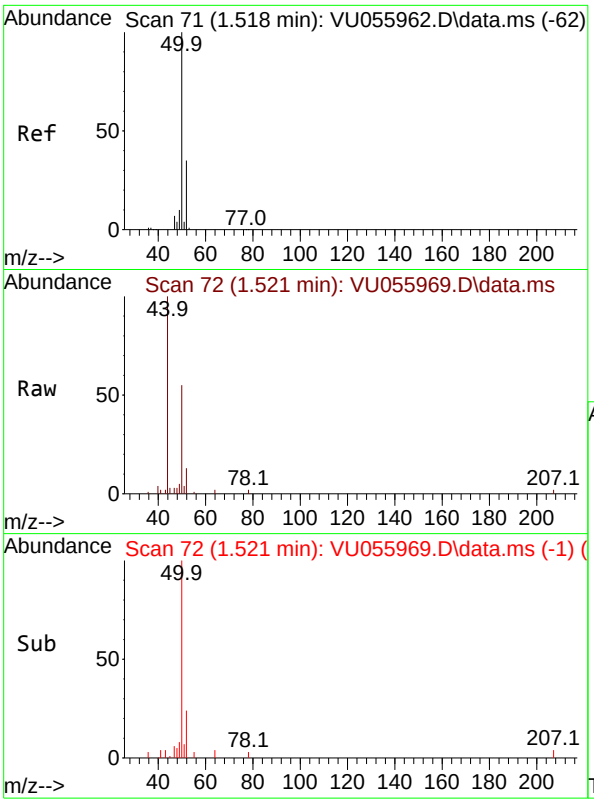


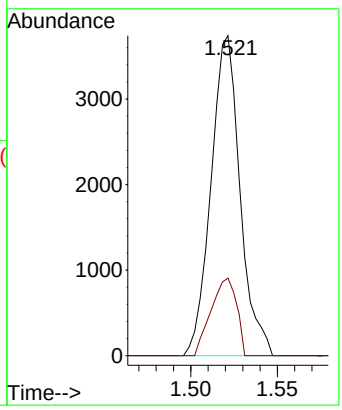


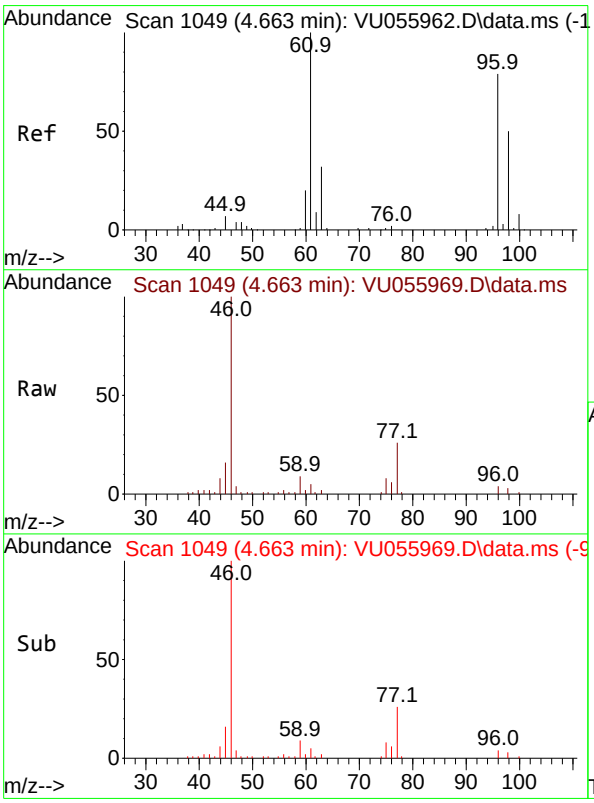
#3
Chloromethane
Concen: 0.230 ug/L
RT: 1.521 min Scan# 7
Delta R.T. 0.003 min
Lab File: VU055969.D
Acq: 28 Oct 2023 13:15

Instrument :
MSVOA_U
ClientSampleId :
A49J4

Tgt Ion: 50 Resp: 4362

Ion	Ratio	Lower	Upper
50	100		
52	24.3	22.0	40.8

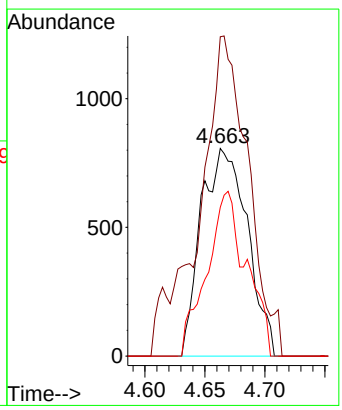


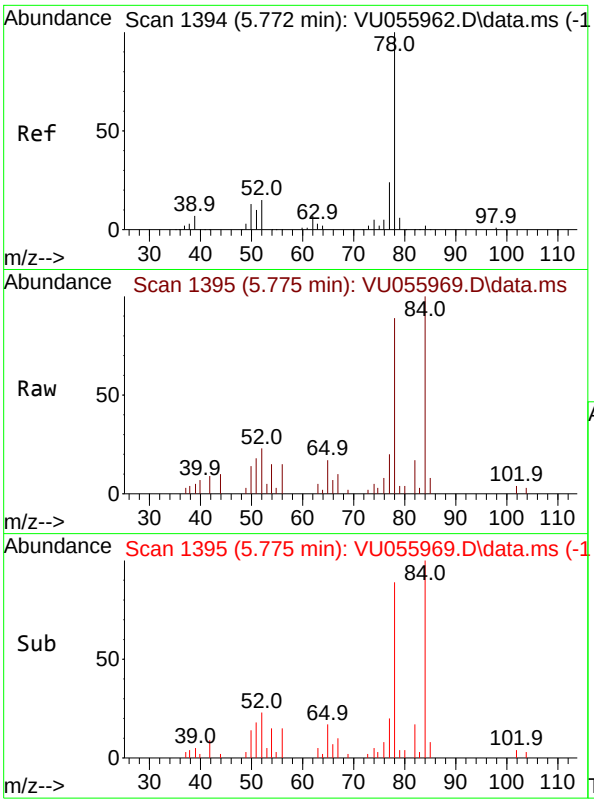


#22
cis-1,2-Dichloroethene
Concen: 0.107 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. -0.000 min
Lab File: VU055969.D
Acq: 28 Oct 2023 13:15

Tgt Ion: 96 Resp: 2164

Ion	Ratio	Lower	Upper
96	100		
61	153.8	93.8	174.2
98	71.6	45.6	84.8

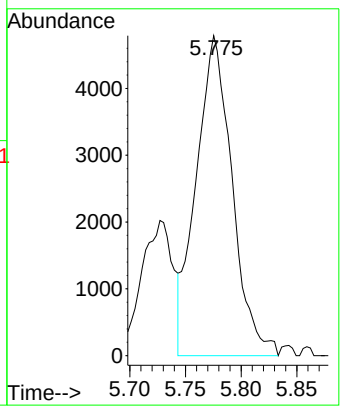


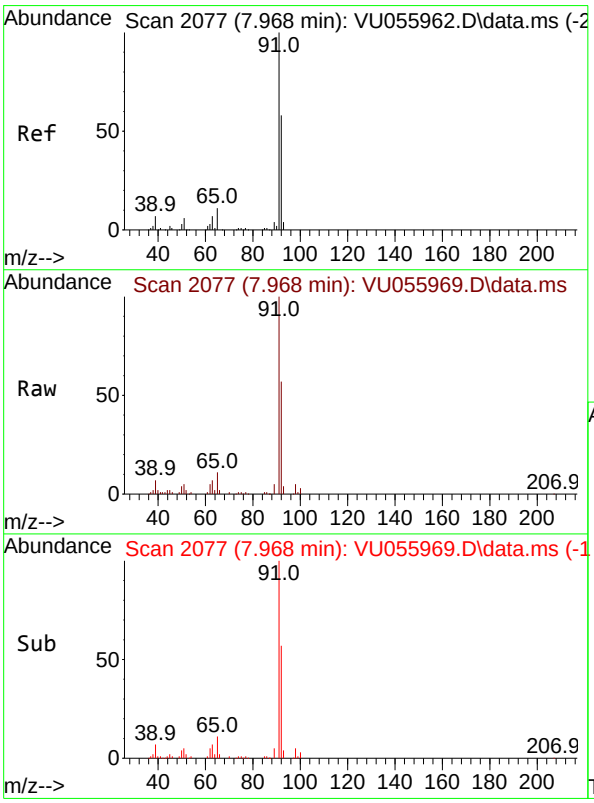


#33
Benzene
Concen: 0.140 ug/L
RT: 5.775 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU055969.D
Acq: 28 Oct 2023 13:15

Instrument :
MSVOA_U
ClientSampleId :
A49J4

Tgt Ion: 78 Resp: 10742

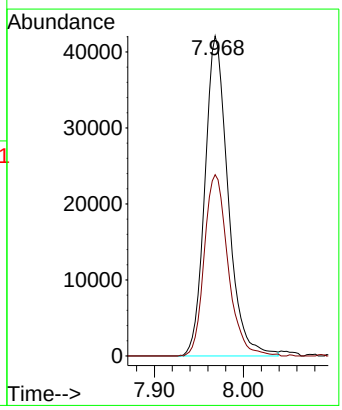


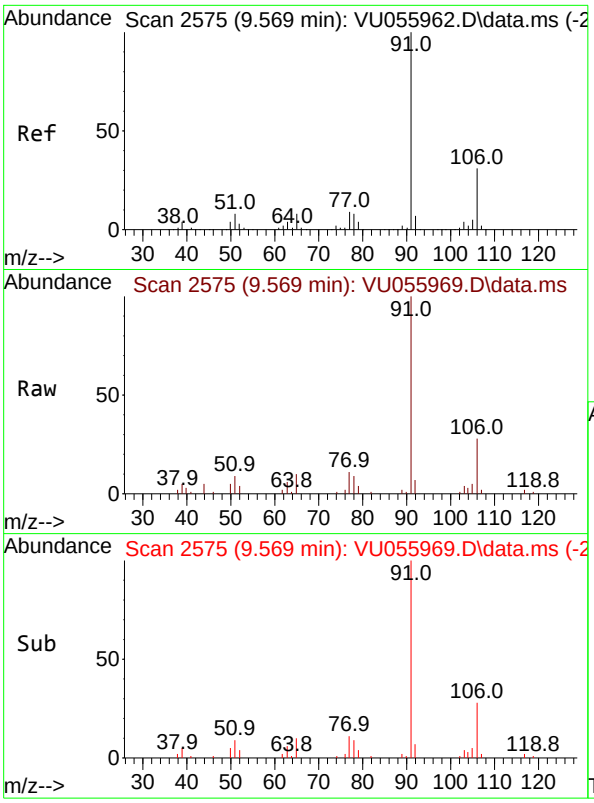


#42
Toluene
Concen: 0.946 ug/L
RT: 7.968 min Scan# 2077
Delta R.T. -0.000 min
Lab File: VU055969.D
Acq: 28 Oct 2023 13:15

Tgt Ion: 91 Resp: 76078

Ion	Ratio	Lower	Upper
91	100		
92	56.7	40.6	75.4



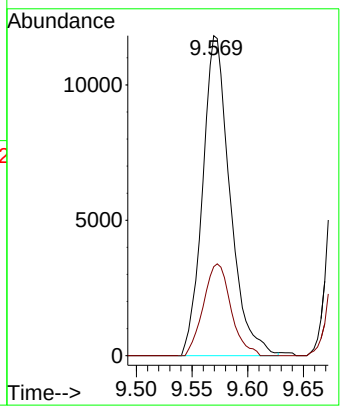


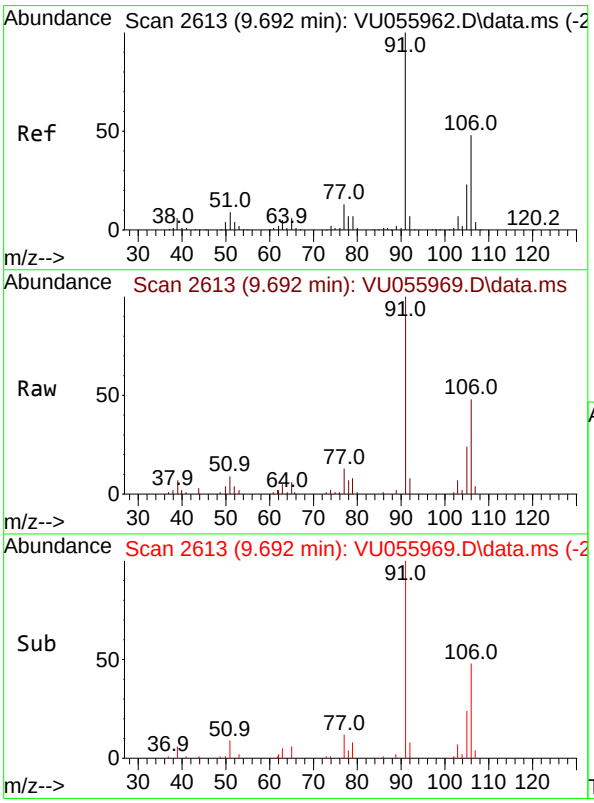
#52
Ethylbenzene
Concen: 0.221 ug/L
RT: 9.569 min Scan# 2
Delta R.T. -0.000 min
Lab File: VU055969.D
Acq: 28 Oct 2023 13:15

Instrument :
MSVOA_U
ClientSampleId :
A49J4

Tgt Ion: 91 Resp: 20141

Ion	Ratio	Lower	Upper
91	100		
106	27.8	21.3	39.5

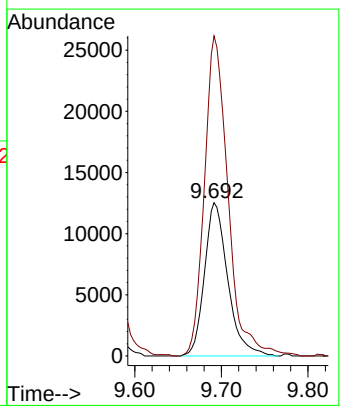


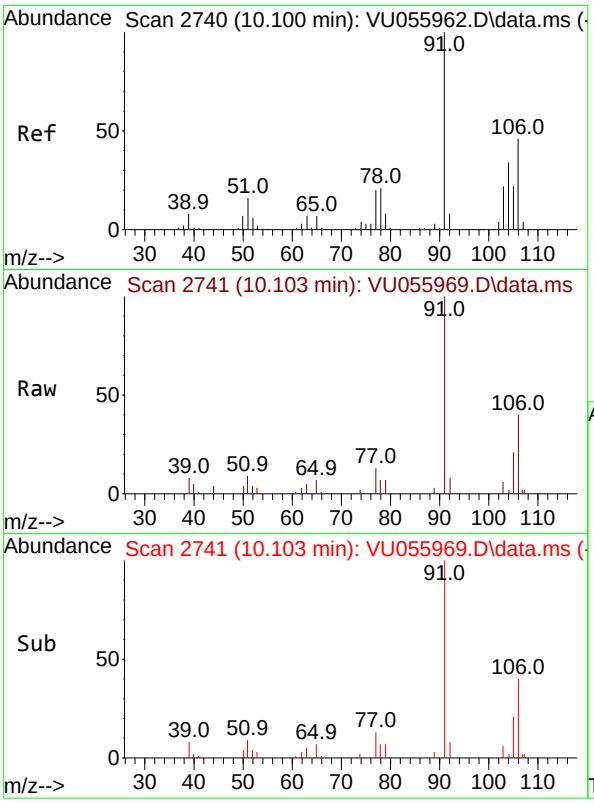


#53
m,p-Xylene
Concen: 0.688 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. -0.000 min
Lab File: VU055969.D
Acq: 28 Oct 2023 13:15

Tgt Ion:106 Resp: 23429

Ion	Ratio	Lower	Upper
106	100		
91	208.8	150.4	279.2



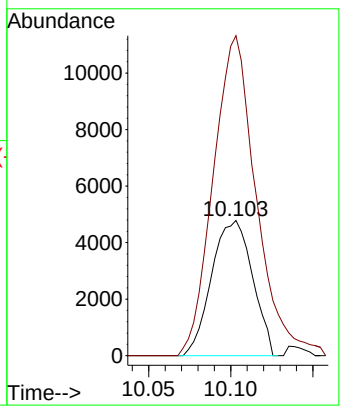


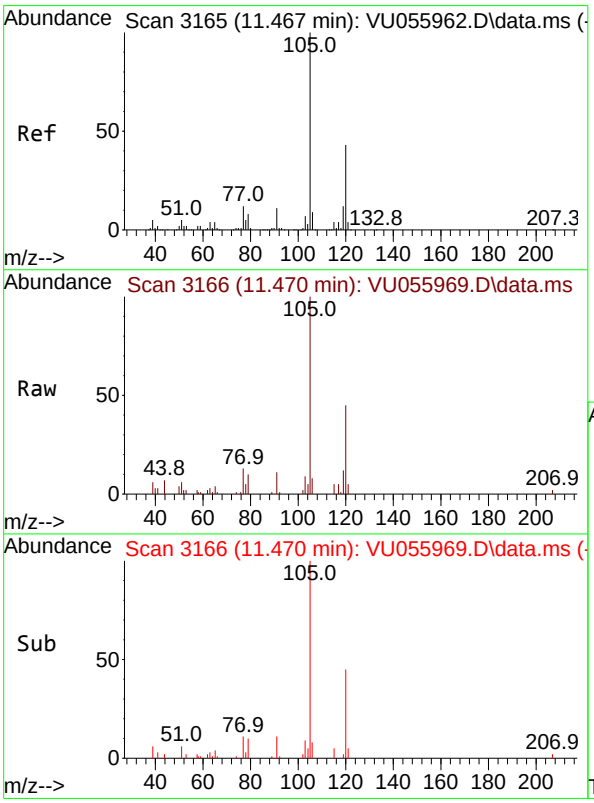
#54
o-Xylene
Concen: 0.248 ug/L
RT: 10.103 min Scan# 2
Delta R.T. 0.003 min
Lab File: VU055969.D
Acq: 28 Oct 2023 13:15

Instrument :
MSVOA_U
ClientSampleId :
A49J4

Tgt Ion:106 Resp: 8271

Ion	Ratio	Lower	Upper
106	100		
91	236.7	154.6	287.2





#63
1,2,4-Trimethylbenzene
Concen: 0.279 ug/L
RT: 11.470 min Scan# 3166
Delta R.T. 0.003 min
Lab File: VU055969.D
Acq: 28 Oct 2023 13:15

Tgt Ion:105 Resp: 17632

Ion	Ratio	Lower	Upper
105	100		
120	44.0	34.6	52.0