Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV110221\
Data File : VV023141.D
Acq On : 02 Nov 2021 12:26
Operator : SY/MD
Sample : M4412-12
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG368

Quant Time: Nov 02 22:41:25 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Nov 02 22:38:58 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	124447	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	126992	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	63583	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	48539	4.464	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 89.200%			
7) Chloroethane-d5	1.568	69	37003	5.501	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 110.000%			
11) 1,1-Dichloroethene-d2	2.108	63	65255	4.160	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 83.200%			
20) 2-Butanone-d5	3.889	46	82332	47.197	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 94.400%			
24) Chloroform-d	4.349	84	88166	4.987	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.800%			
26) 1,2-Dichloroethane-d4	5.034	65	41347	4.962	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.200%			
32) Benzene-d6	5.053	84	175580	4.736	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.800%			
36) 1,2-Dichloropropane-d6	6.072	67	52942	4.639	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 92.800%			
41) Toluene-d8	7.317	98	153963	4.623	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.400%			
43) trans-1,3-Dichloroprop...	7.625	79	18901	4.727	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 94.600%			
46) 2-Hexanone-d5	8.088	63	68448	46.232	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 92.460%			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	34037	4.319	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 86.400%			
66) 1,2-Dichlorobenzene-d4	11.625	152	59239	5.222	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 104.400%			
Target Compounds						Qvalue
13) Acetone	2.175	43	9989	11.672	ug/L	97
30) Cyclohexane	4.687	56	1293	0.103	ug/L #	65
33) Benzene	5.108	78	50040	1.464	ug/L	100
42) Toluene	7.391	91	120897	3.491	ug/L	96
52) Ethylbenzene	9.018	91	14601	0.425	ug/L	93
53) m,p-xylene	9.140	106	19144	1.389	ug/L	95
54) o-xylene	9.548	106	13264	1.022	ug/L	92
62) 1,3,5-Trimethylbenzene	10.542	105	4214	0.163	ug/L	94
63) 1,2,4-Trimethylbenzene	10.918	105	16765	0.650	ug/L	99

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

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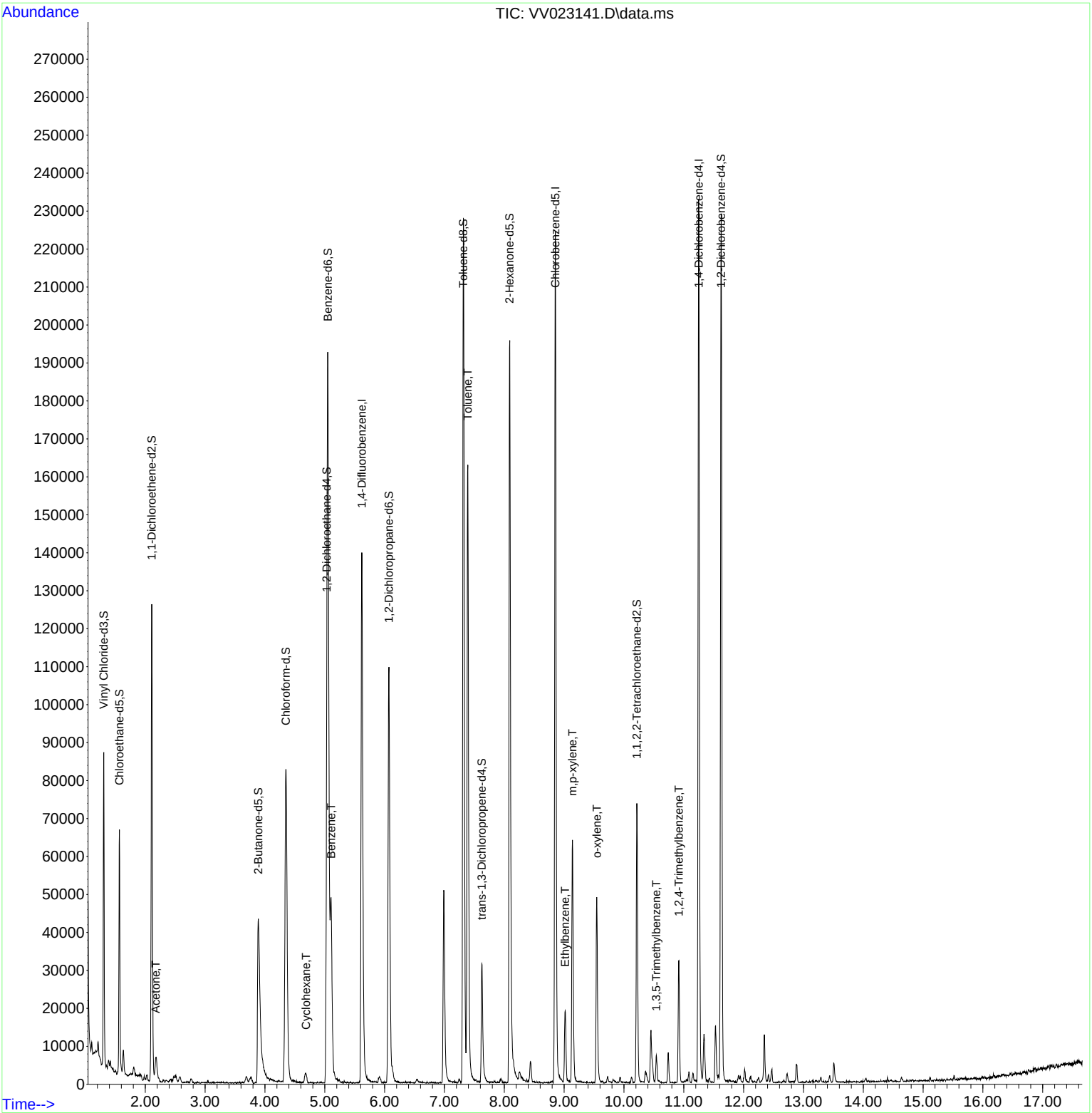
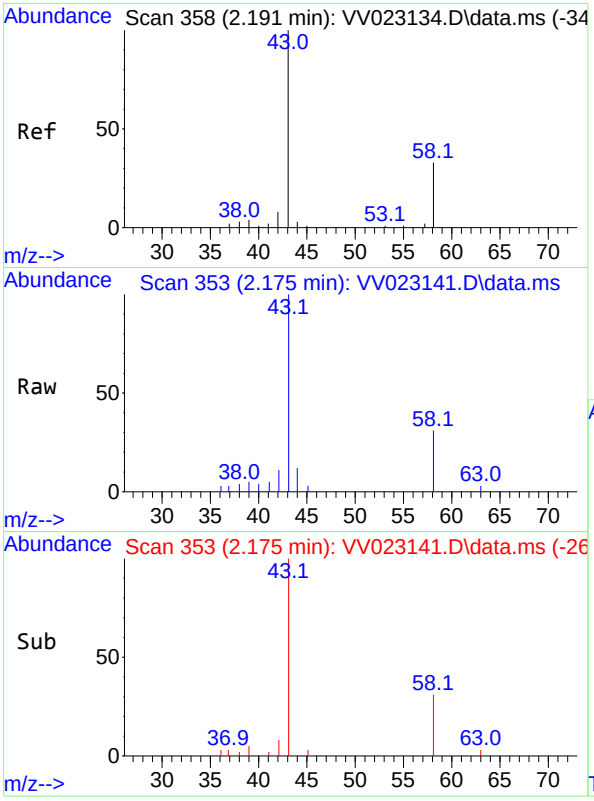


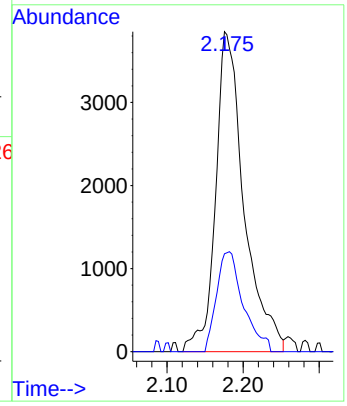


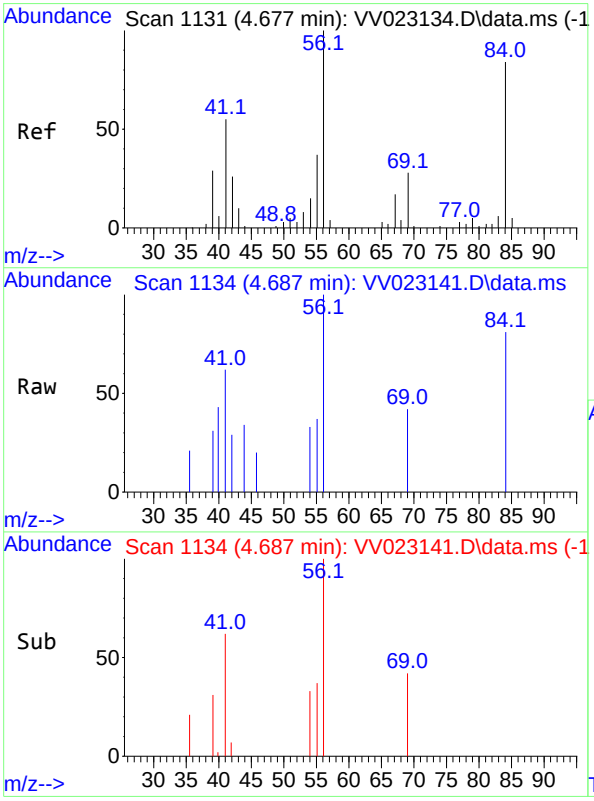
#13
Acetone
Concen: 11.672 ug/L
RT: 2.175 min Scan# 3
Delta R.T. -0.016 min
Lab File: VV023141.D
Acq: 02 Nov 2021 12:26

Instrument :
MSVOA_V
ClientSampleId :
BG368

Tgt Ion: 43 Resp: 9989

Ion	Ratio	Lower	Upper
43	100		
58	29.3	0.0	55.4

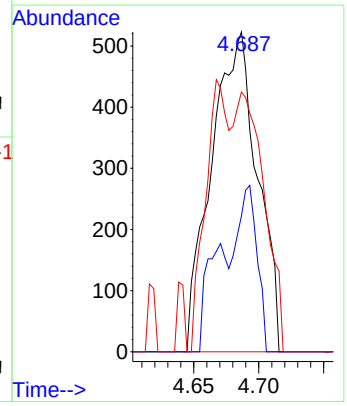


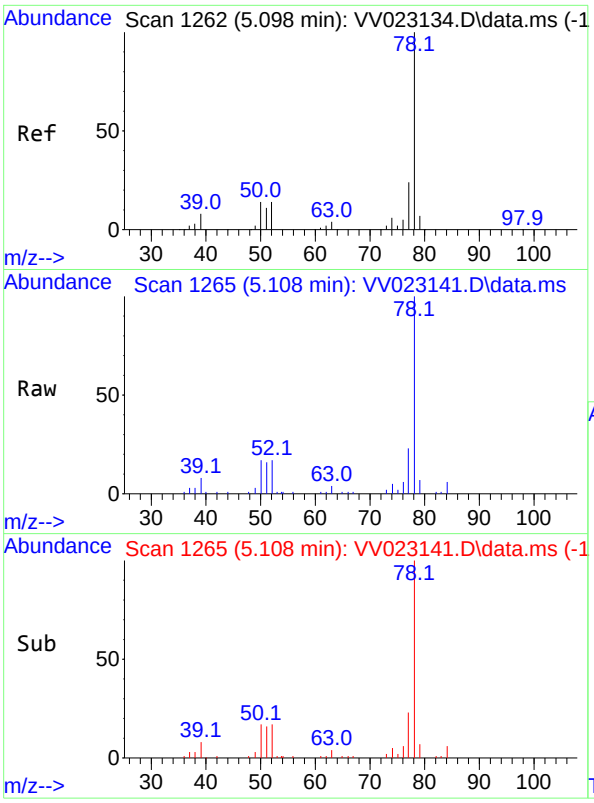


#30
Cyclohexane
Concen: 0.103 ug/L
RT: 4.687 min Scan# 1134
Delta R.T. 0.010 min
Lab File: VV023141.D
Acq: 02 Nov 2021 12:26

Tgt Ion: 56 Resp: 1293

Ion	Ratio	Lower	Upper
56	100		
69	23.4	23.5	35.3#
84	49.4	71.6	107.4#

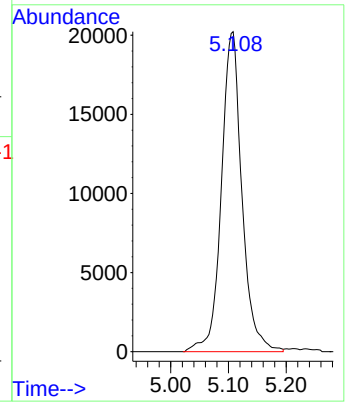


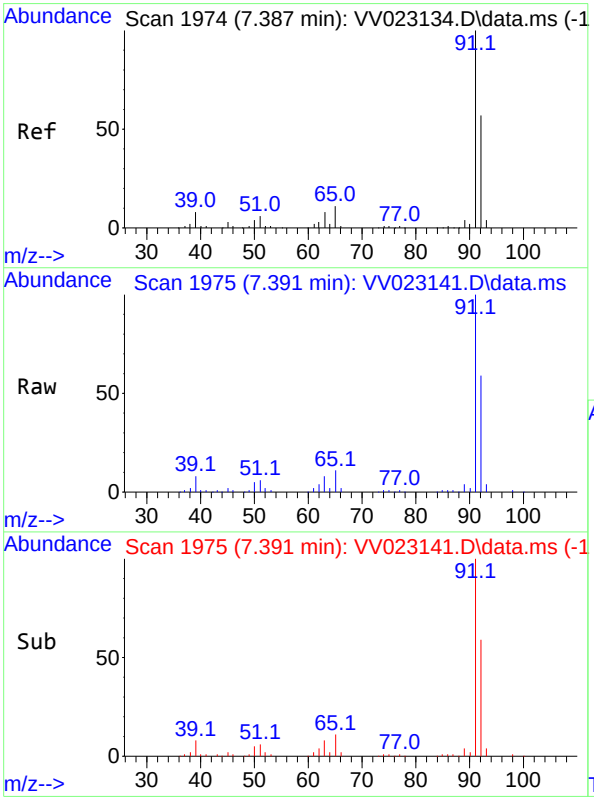


#33
Benzene
Concen: 1.464 ug/L
RT: 5.108 min Scan# 1
Delta R.T. 0.010 min
Lab File: VV023141.D
Acq: 02 Nov 2021 12:26

Instrument :
MSVOA_V
ClientSampleId :
BG368

Tgt Ion: 78 Resp: 50040

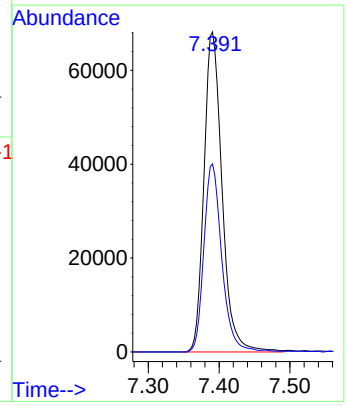


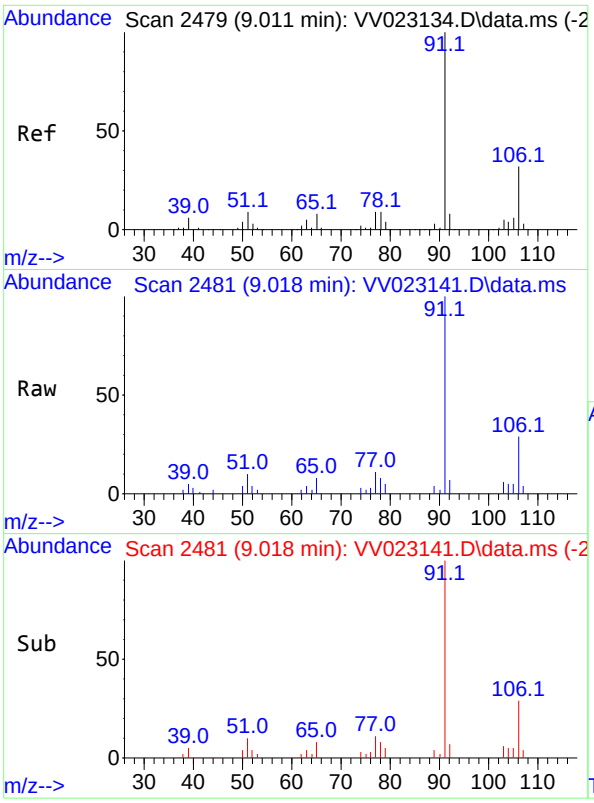


#42
Toluene
Concen: 3.491 ug/L
RT: 7.391 min Scan# 1975
Delta R.T. 0.003 min
Lab File: VV023141.D
Acq: 02 Nov 2021 12:26

Tgt Ion: 91 Resp: 120897

Ion	Ratio	Lower	Upper
91	100		
92	58.8	39.3	72.9



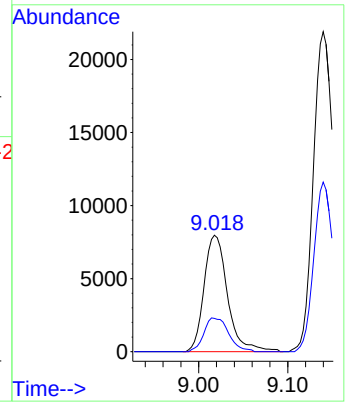


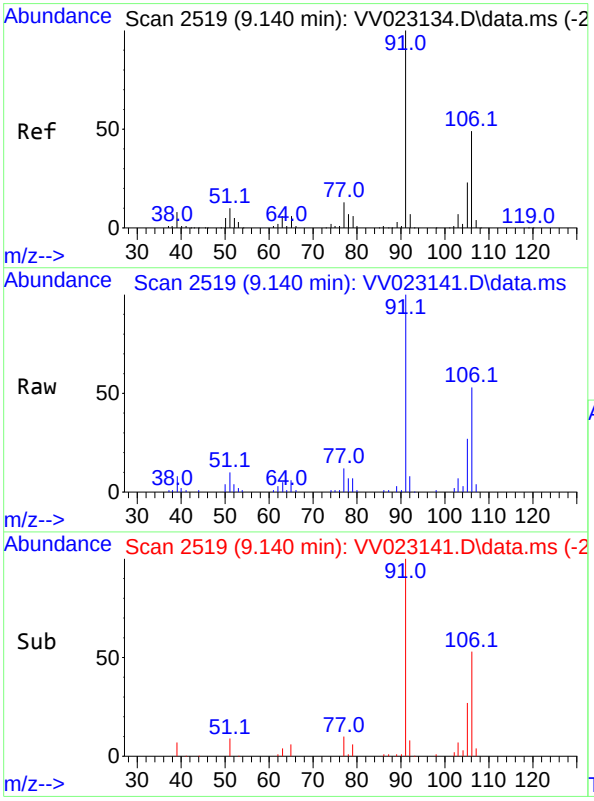
#52
Ethylbenzene
Concen: 0.425 ug/L
RT: 9.018 min Scan# 24
Delta R.T. 0.007 min
Lab File: VV023141.D
Acq: 02 Nov 2021 12:26

Instrument :
MSVOA_V
ClientSampleId :
BG368

Tgt Ion: 91 Resp: 14601

Ion	Ratio	Lower	Upper
91	100		
106	28.6	22.5	41.9

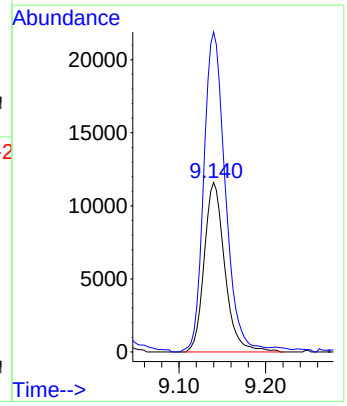


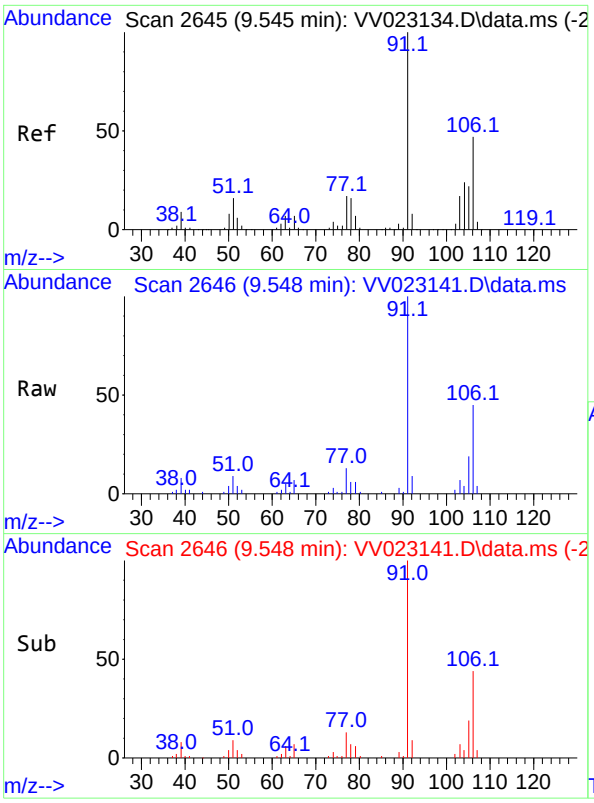


#53
m,p-xylene
Concen: 1.389 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.000 min
Lab File: VV023141.D
Acq: 02 Nov 2021 12:26

Tgt Ion:106 Resp: 19144

Ion	Ratio	Lower	Upper
106	100		
91	188.7	137.2	254.8



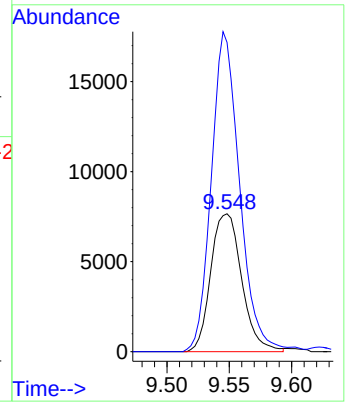


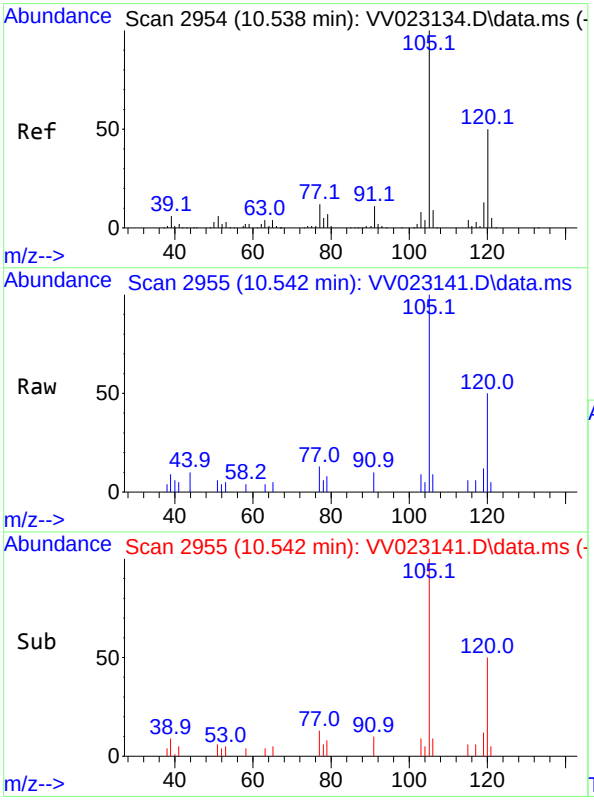
#54
o-xylene
Concen: 1.022 ug/L
RT: 9.548 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV023141.D
Acq: 02 Nov 2021 12:26

Instrument :
MSVOA_V
ClientSampleId :
BG368

Tgt Ion:106 Resp: 13264

Ion	Ratio	Lower	Upper
106	100		
91	224.2	148.3	275.5

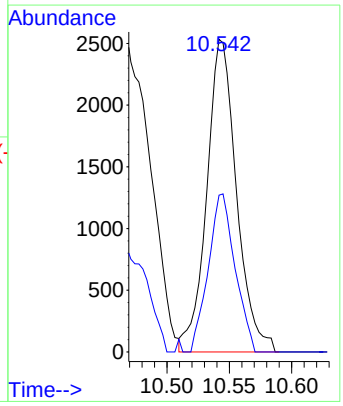


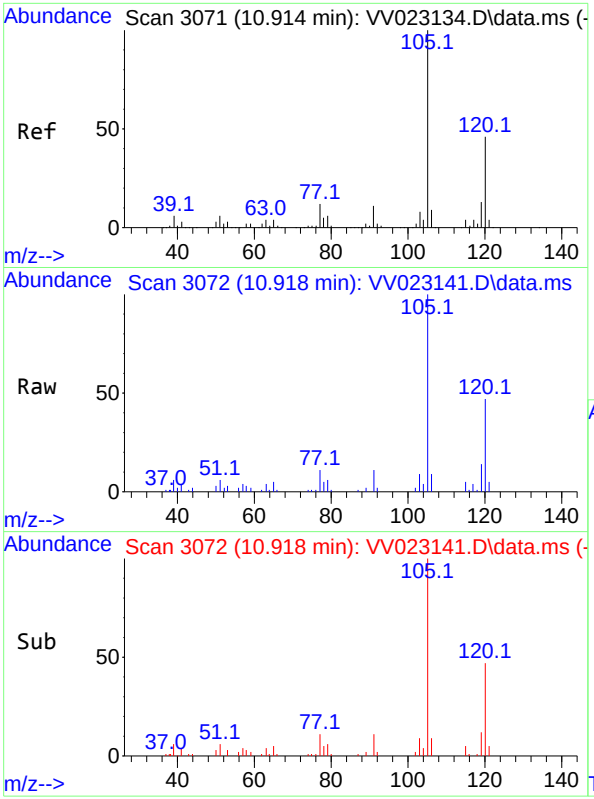


#62
1,3,5-Trimethylbenzene
Concen: 0.163 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. 0.003 min
Lab File: VV023141.D
Acq: 02 Nov 2021 12:26

Tgt Ion:105 Resp: 4214

Ion	Ratio	Lower	Upper
105	100		
120	45.3	39.7	59.5





#63
1,2,4-Trimethylbenzene
Concen: 0.650 ug/L
RT: 10.918 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV023141.D
Acq: 02 Nov 2021 12:26

Instrument :
MSVOA_V
ClientSampleId :
BG368

Tgt Ion:105 Resp: 16765

Ion	Ratio	Lower	Upper
105	100		
120	45.9	37.4	56.2