Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV110921\
Data File : VV023295.D
Acq On : 09 Nov 2021 11:36
Operator : SY/MD
Sample : M4445-05
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG381

Quant Time: Nov 10 00:40:54 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 10 00:38:37 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	127057	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	127663	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	61640	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	33291	4.182	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 83.600%			
7) Chloroethane-d5	1.568	69	30817	4.750	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.000%			
11) 1,1-Dichloroethene-d2	2.108	63	48117	3.229	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 64.600%			
20) 2-Butanone-d5	3.886	46	86356	62.974	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 125.940%			
24) Chloroform-d	4.346	84	78810	4.646	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.000%			
26) 1,2-Dichloroethane-d4	5.031	65	37597	4.929	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.600%			
32) Benzene-d6	5.047	84	145913	4.455	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.000%			
36) 1,2-Dichloropropane-d6	6.066	67	45835	4.753	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.000%			
41) Toluene-d8	7.314	98	121554	3.960	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 79.200%			
43) trans-1,3-Dichloroprop...	7.622	79	15812	4.325	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 86.400%			
46) 2-Hexanone-d5	8.088	63	59628	44.326	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 88.660%			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	30987	4.469	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 89.400%			
66) 1,2-Dichlorobenzene-d4	11.625	152	49047	4.779	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.600%			
Target Compounds						Qvalue
13) Acetone	2.179	43	10406	12.419	ug/L	93
16) Methylene chloride	2.507	84	5377	0.486	ug/L	97
30) Cyclohexane	4.677	56	1074	0.077	ug/L	97
33) Benzene	5.101	78	21065	0.590	ug/L	100
42) Toluene	7.387	91	40735	1.067	ug/L	95
52) Ethylbenzene	9.018	91	6276	0.156	ug/L	93
53) m,p-xylene	9.137	106	7590	0.480	ug/L	99
54) o-xylene	9.545	106	6564	0.443	ug/L	90
62) 1,3,5-Trimethylbenzene	10.538	105	2908	0.099	ug/L	91
63) 1,2,4-Trimethylbenzene	10.915	105	10150	0.348	ug/L	96

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

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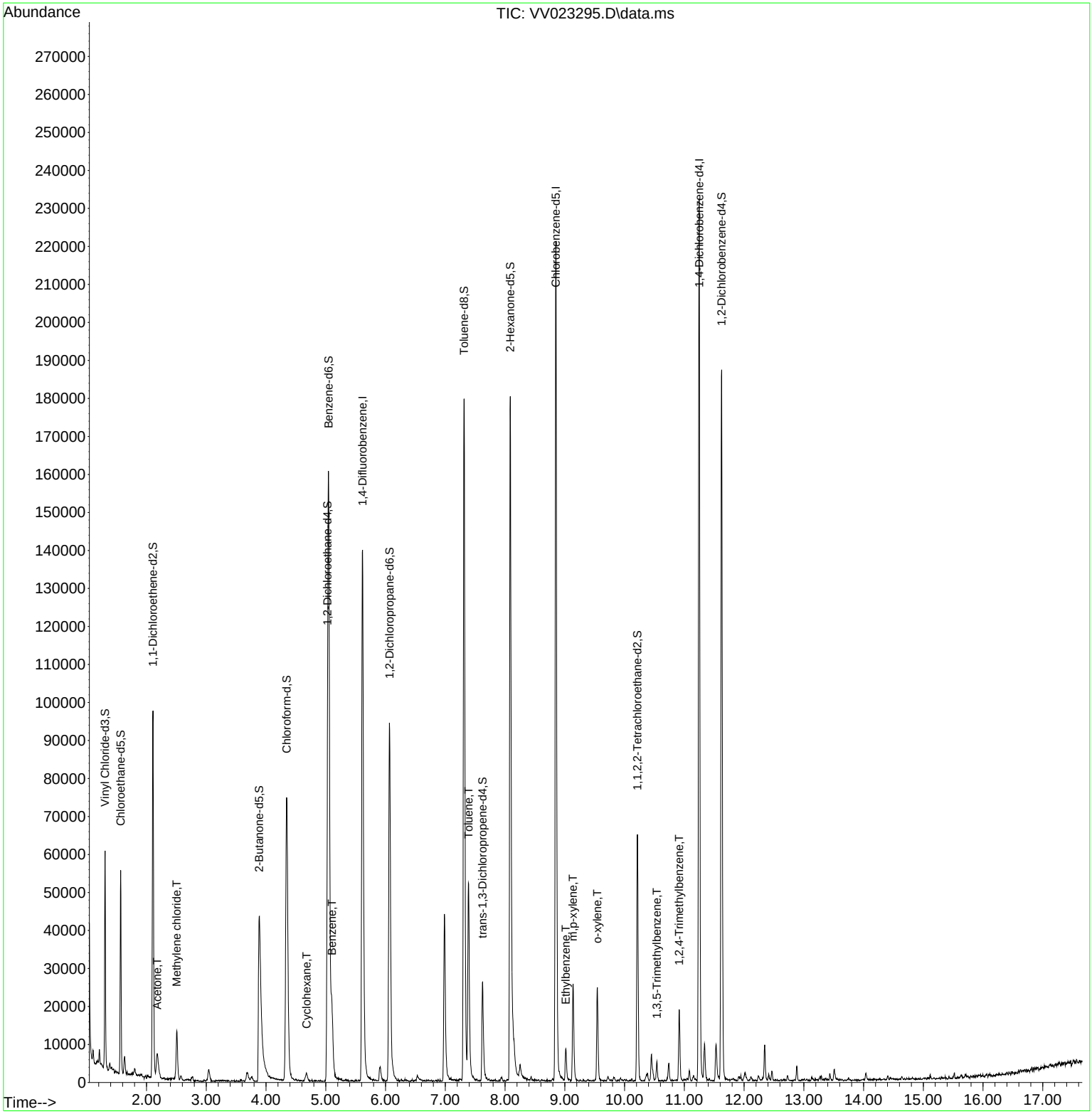
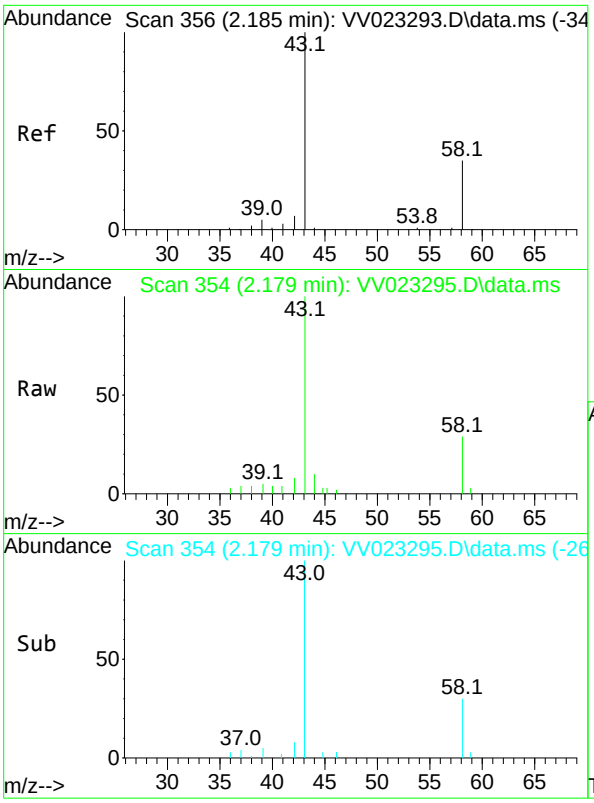


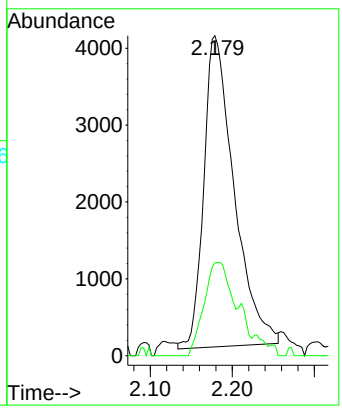


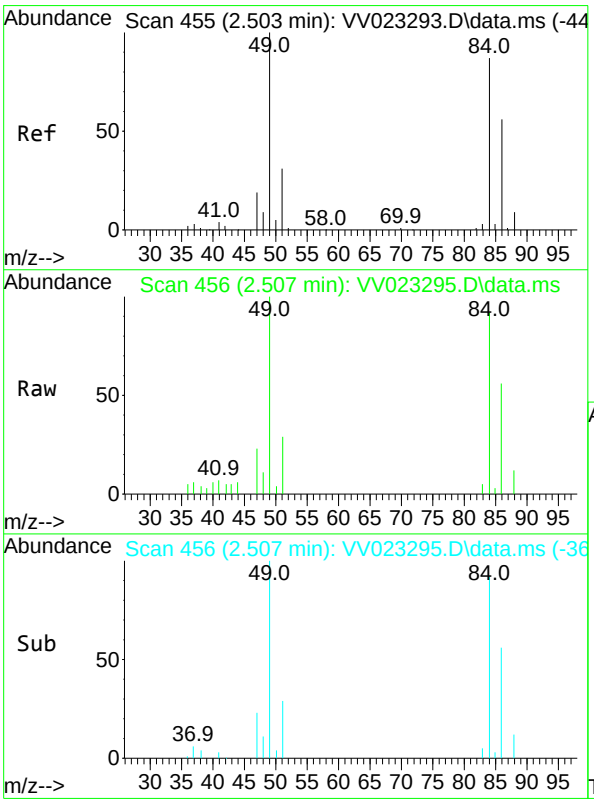
#13
Acetone
Concen: 12.419 ug/L
RT: 2.179 min Scan# 3
Delta R.T. -0.006 min
Lab File: VV023295.D
Acq: 09 Nov 2021 11:36

Instrument :
MSVOA_V
ClientSampleId :
BG381

Tgt Ion: 43 Resp: 10406

Ion	Ratio	Lower	Upper
43	100		
58	31.5	0.0	55.4

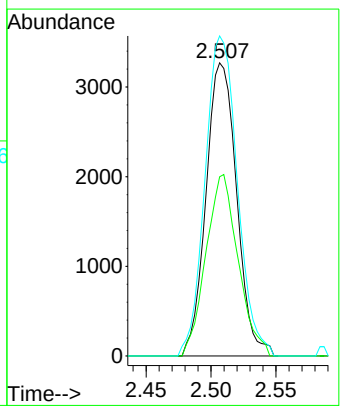


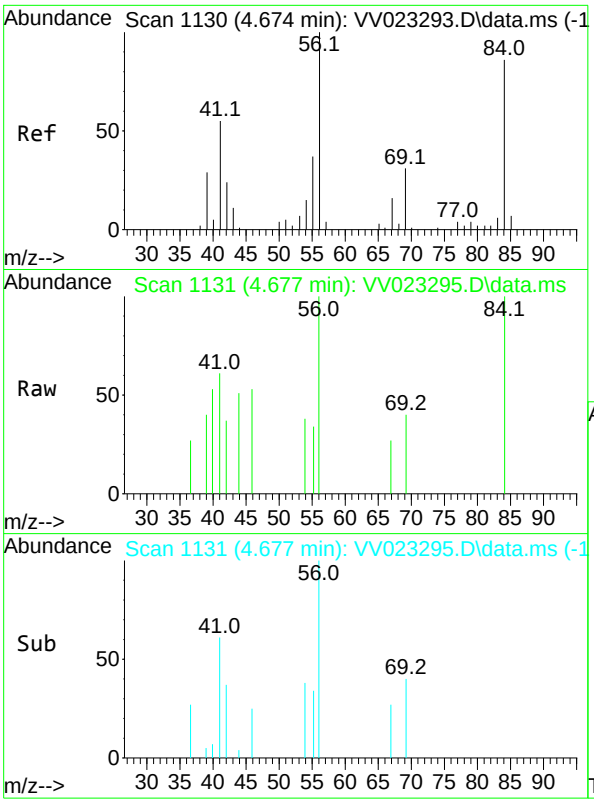


#16
Methylene chloride
Concen: 0.486 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.003 min
Lab File: VV023295.D
Acq: 09 Nov 2021 11:36

Tgt Ion: 84 Resp: 5377

Ion	Ratio	Lower	Upper
84	100		
86	61.1	42.3	78.5
49	109.1	79.7	148.1



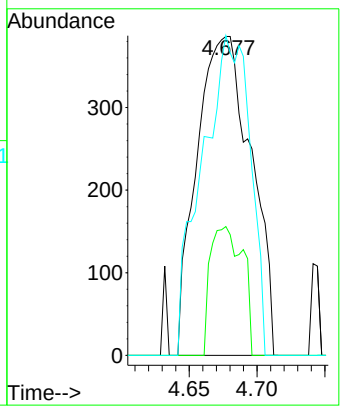


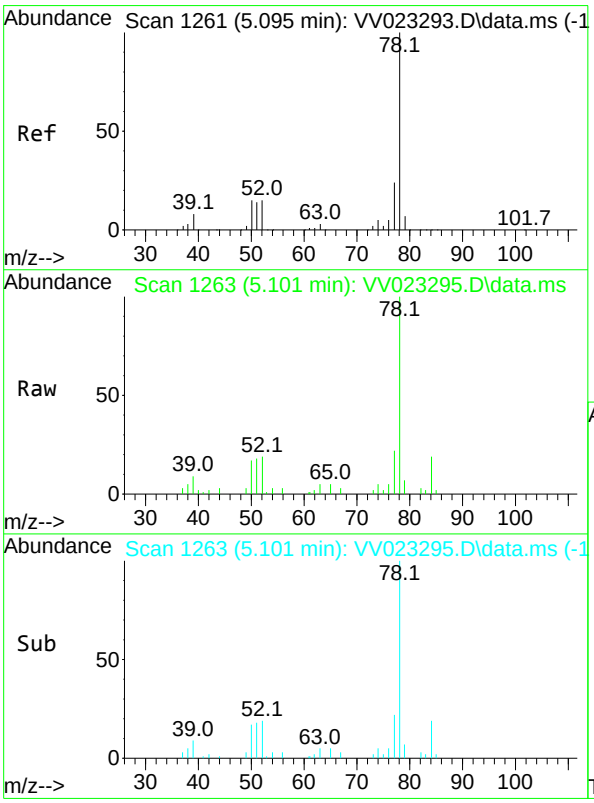
#30
Cyclohexane
Concen: 0.077 ug/L
RT: 4.677 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV023295.D
Acq: 09 Nov 2021 11:36

Instrument :
MSVOA_V
ClientSampleId :
BG381

Tgt Ion: 56 Resp: 1074

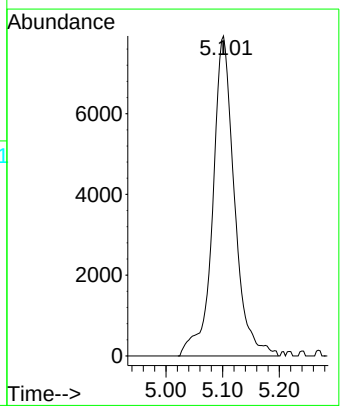
Ion	Ratio	Lower	Upper
56	100		
69	24.0	23.5	35.3
84	88.9	71.6	107.4

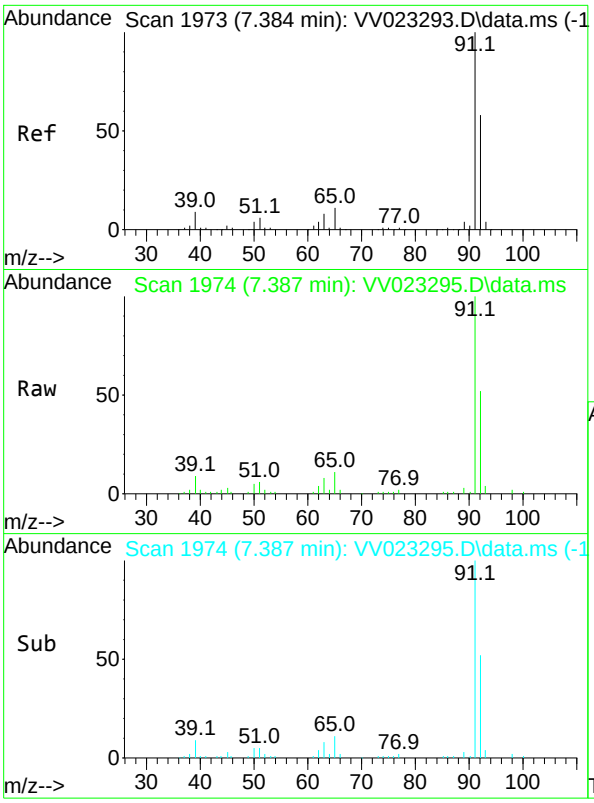




#33
Benzene
Concen: 0.590 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VV023295.D
Acq: 09 Nov 2021 11:36

Tgt Ion: 78 Resp: 21065



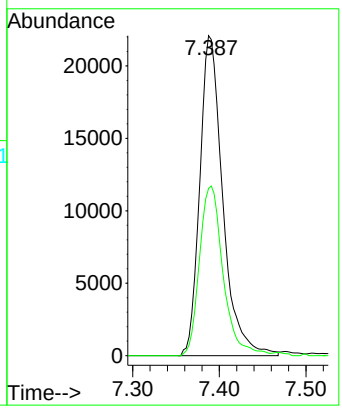


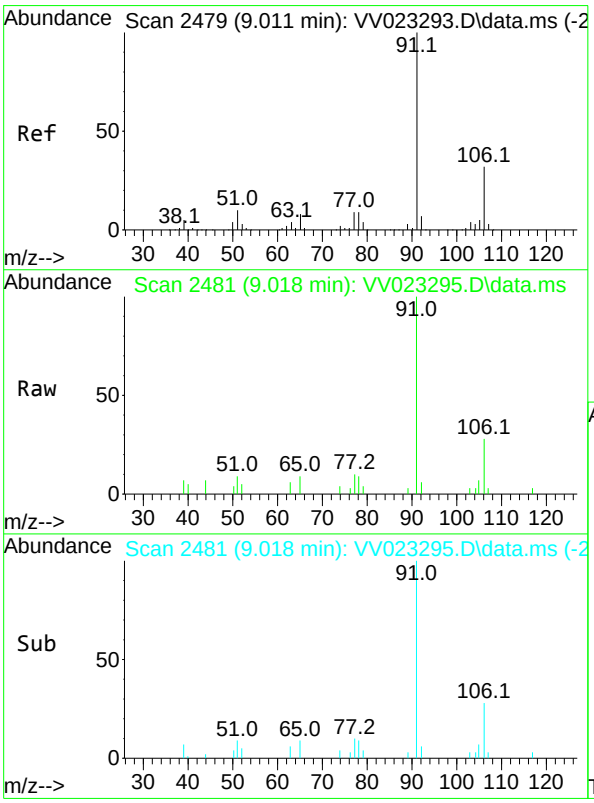
#42
Toluene
Concen: 1.067 ug/L
RT: 7.387 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV023295.D
Acq: 09 Nov 2021 11:36

Instrument :
MSVOA_V
ClientSampleId :
BG381

Tgt Ion: 91 Resp: 40735

Ion	Ratio	Lower	Upper
91	100		
92	52.3	39.3	72.9

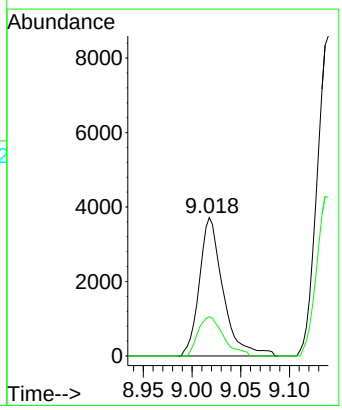


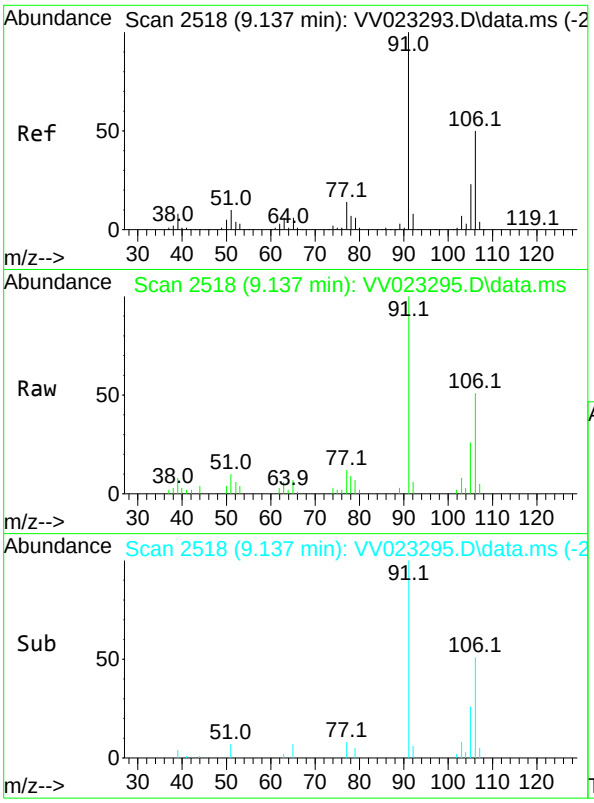


#52
Ethylbenzene
Concen: 0.156 ug/L
RT: 9.018 min Scan# 2481
Delta R.T. 0.006 min
Lab File: VV023295.D
Acq: 09 Nov 2021 11:36

Tgt Ion: 91 Resp: 6276

Ion	Ratio	Lower	Upper
91	100		
106	28.5	22.5	41.9



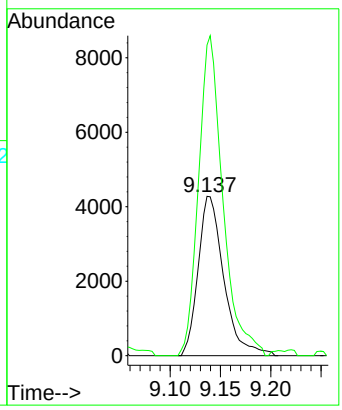


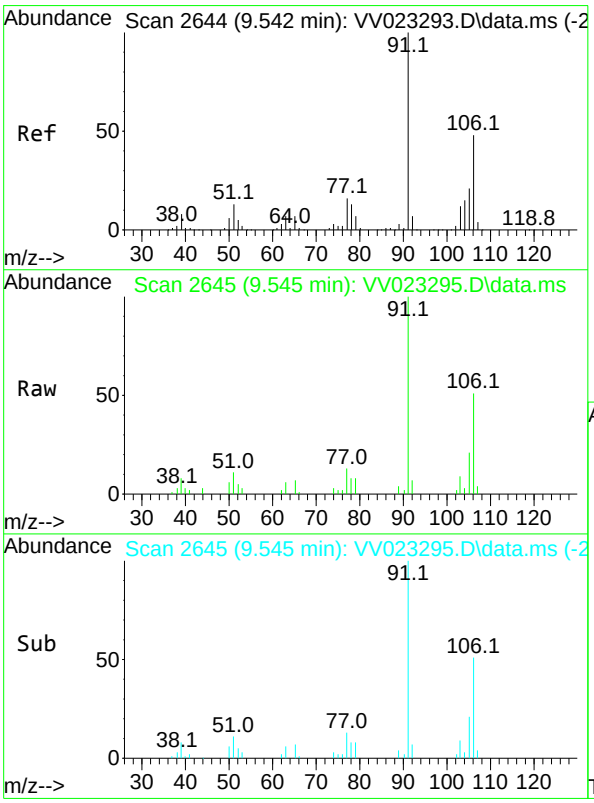
#53
m,p-xylene
Concen: 0.480 ug/L
RT: 9.137 min Scan# 2
Delta R.T. 0.000 min
Lab File: VV023295.D
Acq: 09 Nov 2021 11:36

Instrument :
MSVOA_V
ClientSampleId :
BG381

Tgt Ion:106 Resp: 7590

Ion	Ratio	Lower	Upper
106	100		
91	194.9	137.2	254.8

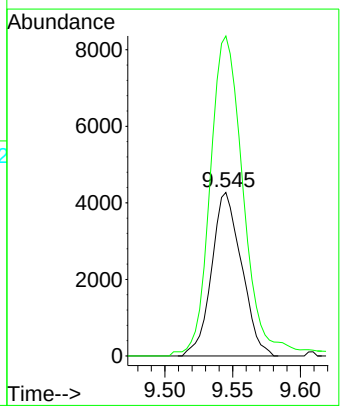


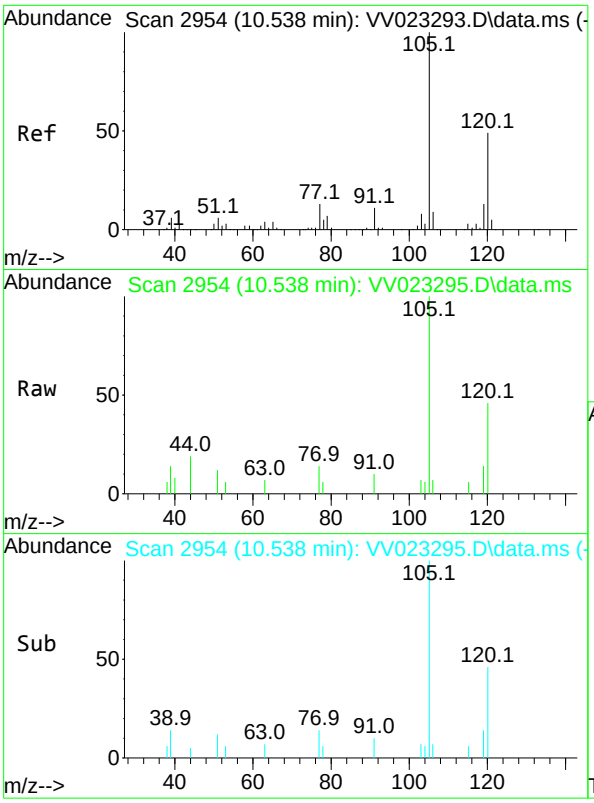


#54
o-xylene
Concen: 0.443 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV023295.D
Acq: 09 Nov 2021 11:36

Tgt Ion:106 Resp: 6564

Ion	Ratio	Lower	Upper
106	100		
91	195.6	148.3	275.5



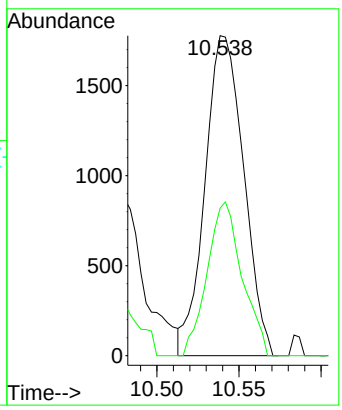


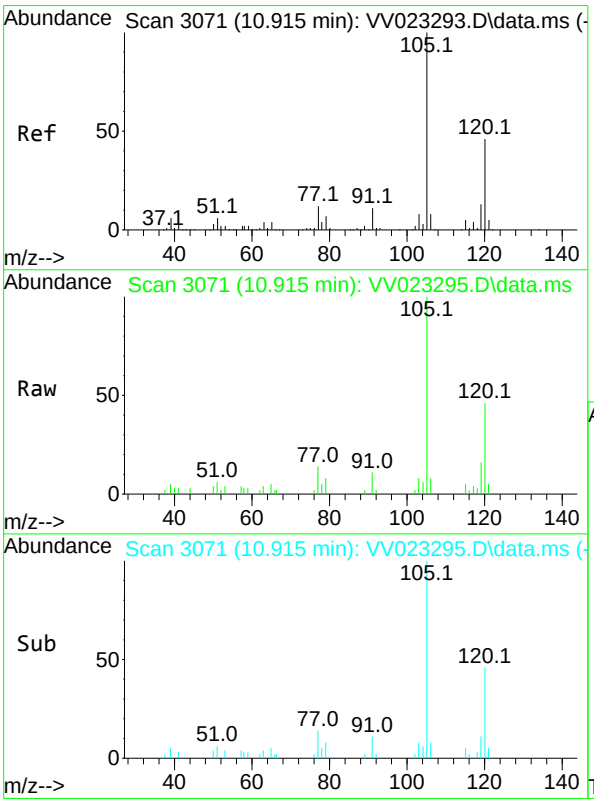
#62
1,3,5-Trimethylbenzene
Concen: 0.099 ug/L
RT: 10.538 min Scan# 2
Delta R.T. 0.000 min
Lab File: VV023295.D
Acq: 09 Nov 2021 11:36

Instrument :
MSVOA_V
ClientSampleId :
BG381

Tgt Ion:105 Resp: 2908

Ion	Ratio	Lower	Upper
105	100		
120	43.5	39.7	59.5





#63
1,2,4-Trimethylbenzene
Concen: 0.348 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.000 min
Lab File: VV023295.D
Acq: 09 Nov 2021 11:36

Tgt Ion:105 Resp: 10150

Ion	Ratio	Lower	Upper
105	100		
120	43.8	37.4	56.2