Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081322\
Data File : VV027367.D
Acq On : 13 Aug 2022 14:16
Operator : SY/MD
Sample : N4115-17
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F5D84

Quant Time: Aug 13 21:52:00 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Aug 13 21:49:38 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	155239	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	172053	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	77536	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	58672	4.350	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 87.000%			
7) Chloroethane-d5	1.561	69	43839	4.476	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 89.600%			
11) 1,1-Dichloroethene-d2	2.101	63	66066	2.701	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 54.000%#			
20) 2-Butanone-d5	3.867	46	200580	87.814	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 175.620%#			
24) Chloroform-d	4.342	84	129305	5.228	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.600%			
26) 1,2-Dichloroethane-d4	5.027	65	64119	5.441	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 108.800%			
32) Benzene-d6	5.047	84	199537	3.931	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 78.600%			
36) 1,2-Dichloropropane-d6	6.066	67	79327	5.055	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 101.200%			
41) Toluene-d8	7.313	98	157540	3.391	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 67.800%#			
43) trans-1,3-Dichloroprop...	7.622	79	20834	3.833	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 76.600%			
46) 2-Hexanone-d5	8.085	63	147154	69.952	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 139.900%#			
56) 1,1,2,2-Tetrachloroeth...	10.214	84	68935	6.072	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 121.400%#			
66) 1,2-Dichlorobenzene-d4	11.622	152	72770	5.438	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 108.800%			
Target Compounds						Qvalue
13) Acetone	2.159	43	11563	6.850	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	1273	0.093	ug/L	96
22) cis-1,2-Dichloroethene	3.908	96	11857	0.877	ug/L	94
33) Benzene	5.104	78	8315	0.141	ug/L	100
42) Toluene	7.384	91	179877	3.066	ug/L	99
52) Ethylbenzene	9.017	91	4187	0.071	ug/L	85
53) m,p-Xylene	9.140	106	2680	0.119	ug/L	98
62) 1,3,5-Trimethylbenzene	10.542	105	1946	0.144	ug/L	98
63) 1,2,4-Trimethylbenzene	10.918	105	2693	0.070	ug/L	98

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

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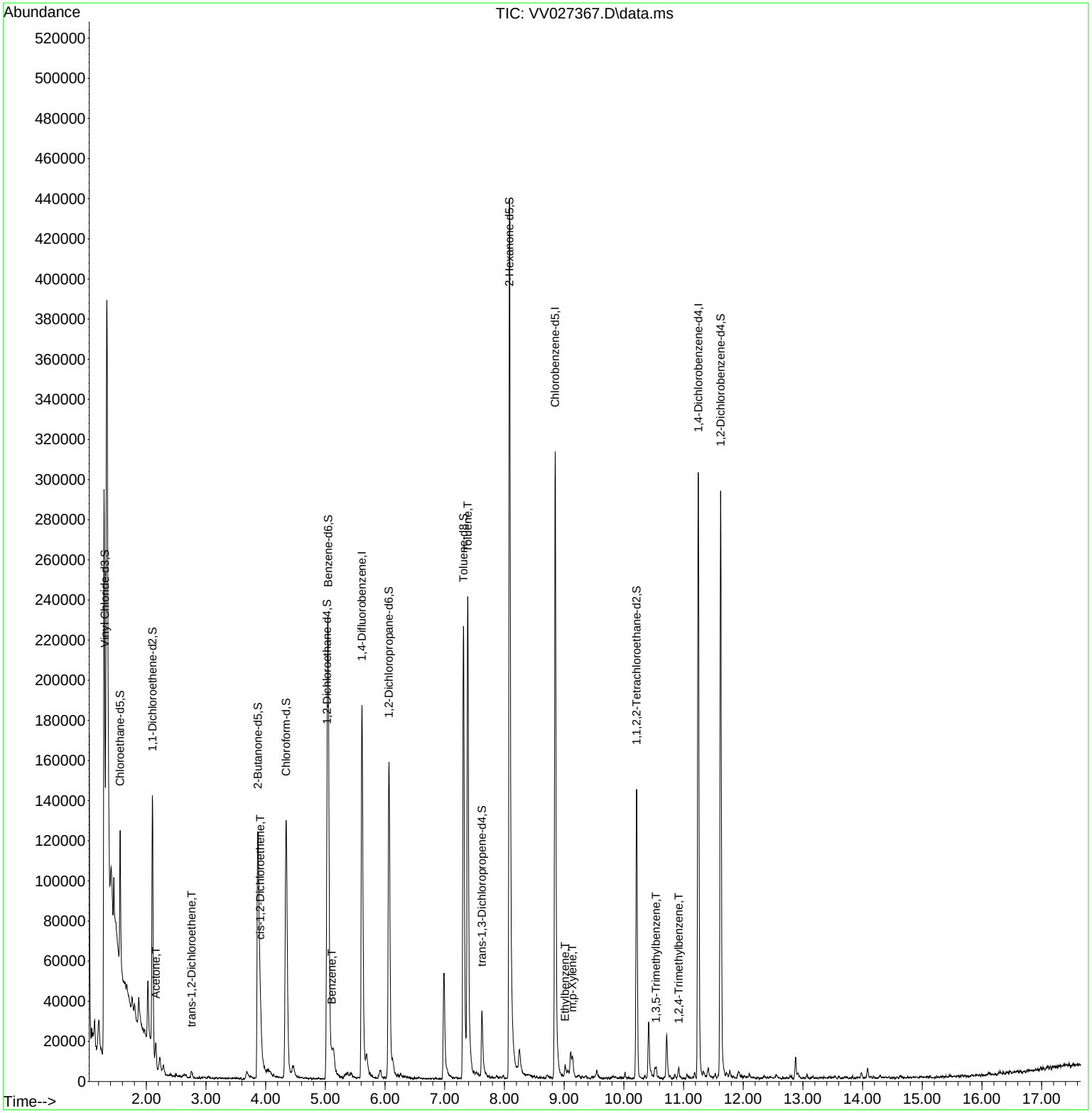
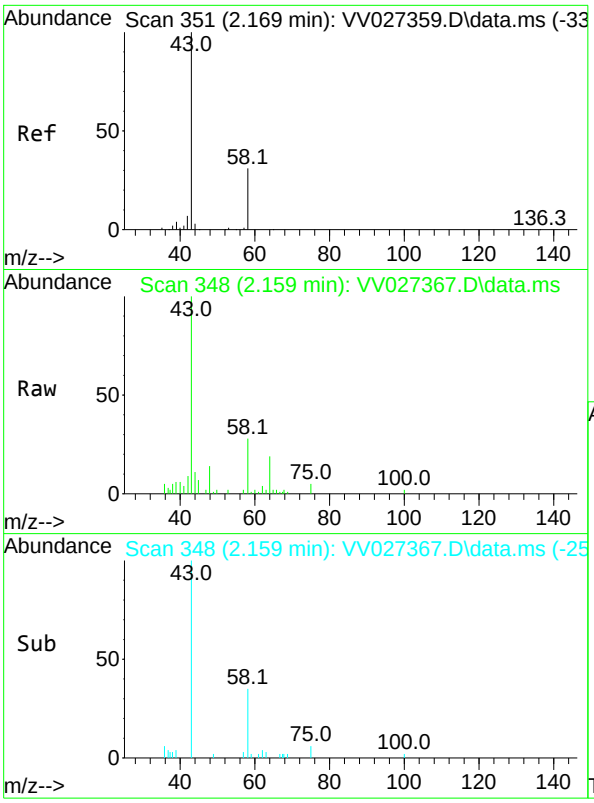


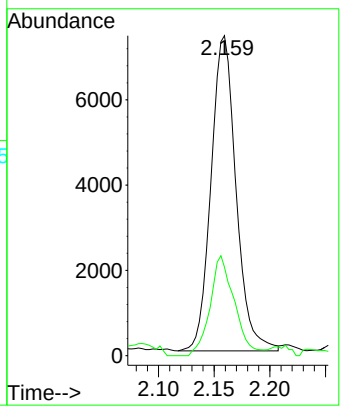


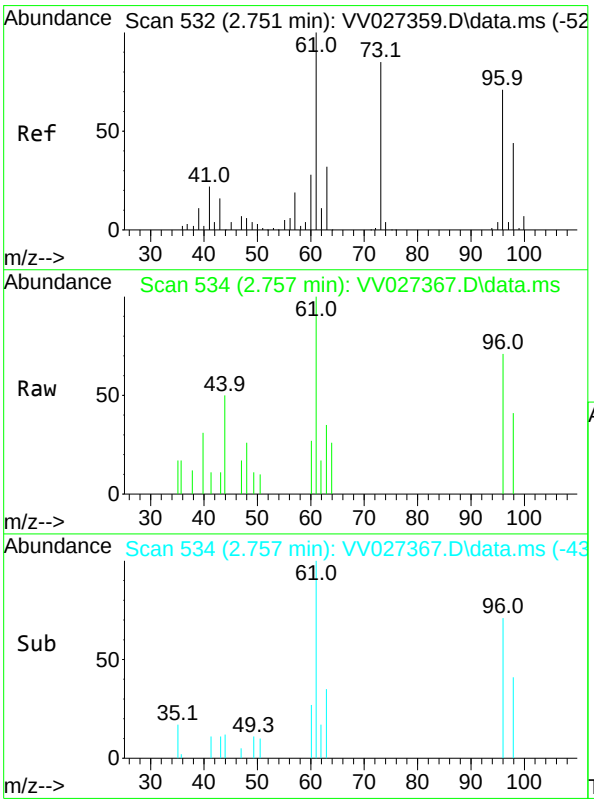
#13
Acetone
Concen: 6.850 ug/L
RT: 2.159 min Scan# 34
Delta R.T. -0.010 min
Lab File: VV027367.D
Acq: 13 Aug 2022 14:16

Instrument :
MSVOA_V
ClientSampleId :
F5D84

Tgt Ion: 43 Resp: 11563

Ion	Ratio	Lower	Upper
43	100		
58	30.9	0.0	63.2

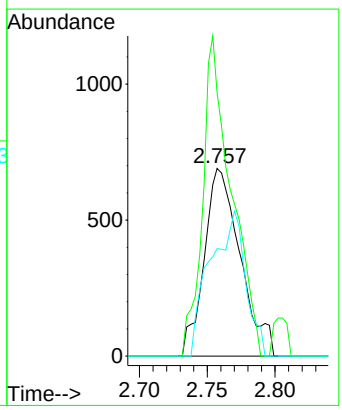


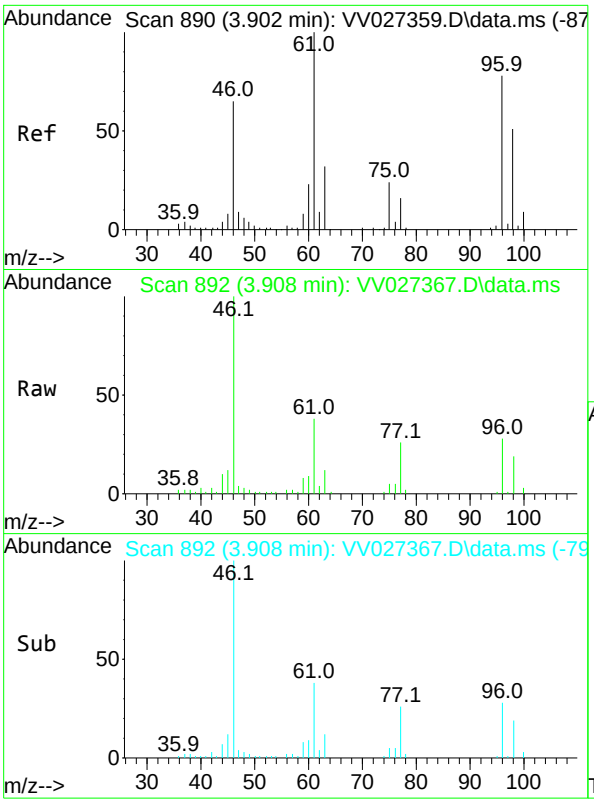


#18
trans-1,2-Dichloroethene
Concen: 0.093 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.006 min
Lab File: VV027367.D
Acq: 13 Aug 2022 14:16

Tgt Ion: 96 Resp: 1273

Ion	Ratio	Lower	Upper
96	100		
61	140.3	99.6	185.0
98	57.2	45.1	83.7



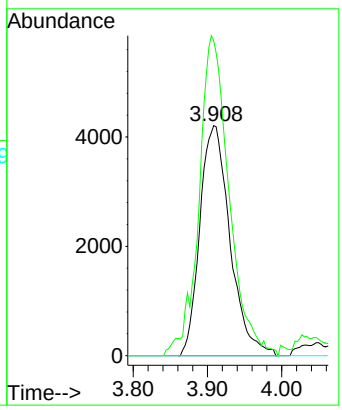


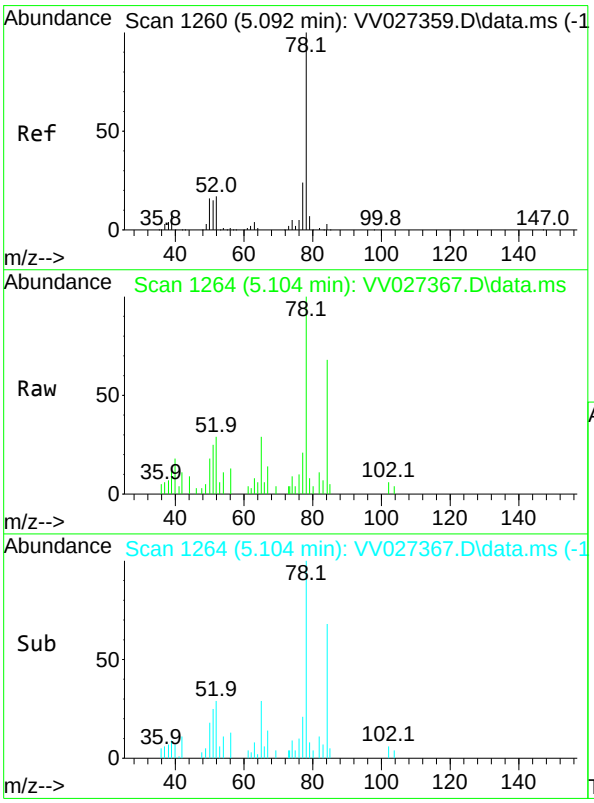
#22
cis-1,2-Dichloroethene
Concen: 0.877 ug/L
RT: 3.908 min Scan# 8
Delta R.T. 0.006 min
Lab File: VV027367.D
Acq: 13 Aug 2022 14:16

Instrument :
MSVOA_V
ClientSampleId :
F5D84

Tgt Ion: 96 Resp: 11857

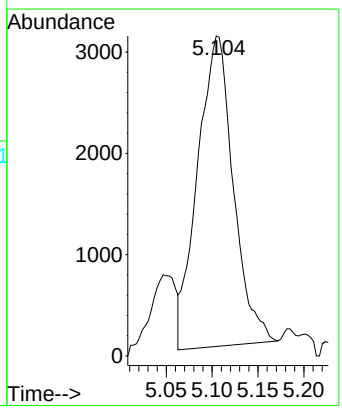
Ion	Ratio	Lower	Upper
96	100		
61	136.8	91.3	169.5
68	0.0	0.0	0.0

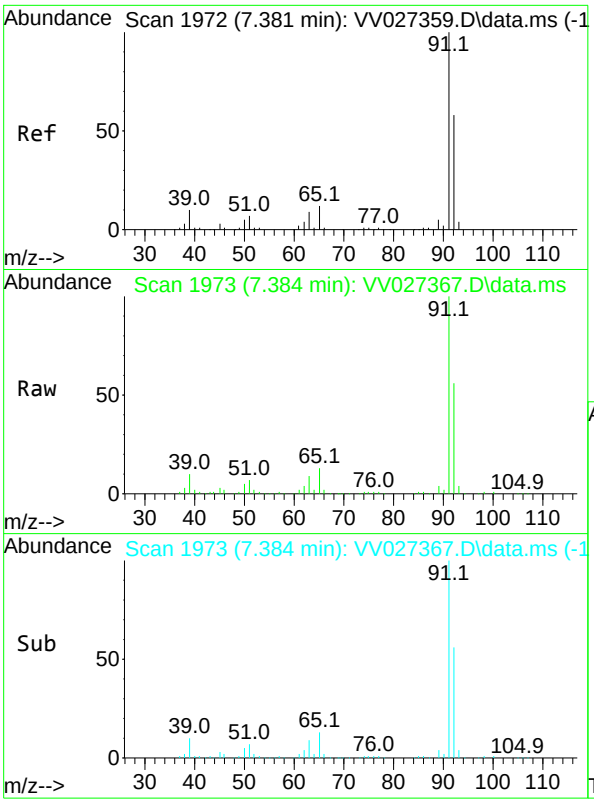




#33
Benzene
Concen: 0.141 ug/L
RT: 5.104 min Scan# 1264
Delta R.T. 0.013 min
Lab File: VV027367.D
Acq: 13 Aug 2022 14:16

Tgt Ion: 78 Resp: 8315



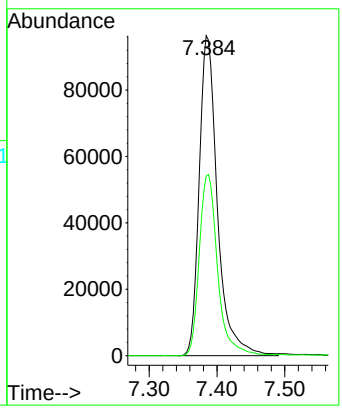


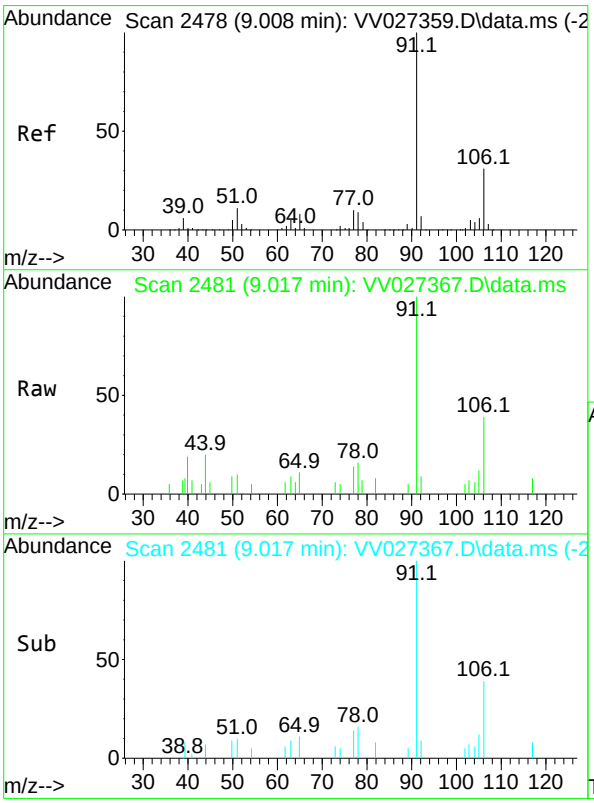
#42
Toluene
Concen: 3.066 ug/L
RT: 7.384 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV027367.D
Acq: 13 Aug 2022 14:16

Instrument :
MSVOA_V
ClientSampleId :
F5D84

Tgt Ion: 91 Resp: 179877

Ion	Ratio	Lower	Upper
91	100		
92	56.1	39.9	74.1

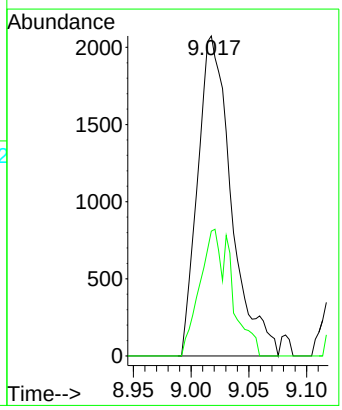


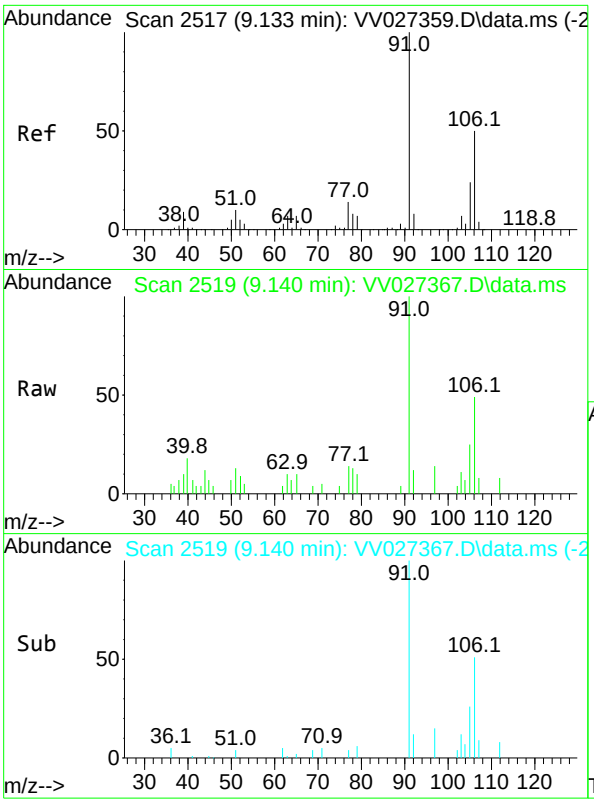


#52
Ethylbenzene
Concen: 0.071 ug/L
RT: 9.017 min Scan# 2481
Delta R.T. 0.010 min
Lab File: VV027367.D
Acq: 13 Aug 2022 14:16

Tgt Ion: 91 Resp: 4187

Ion	Ratio	Lower	Upper
91	100		
106	39.0	21.5	39.9



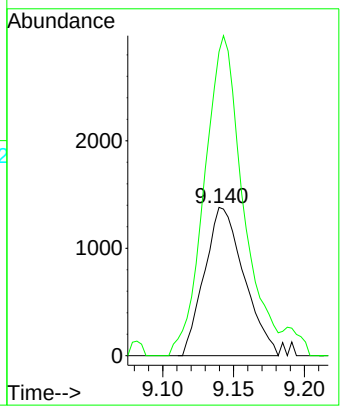


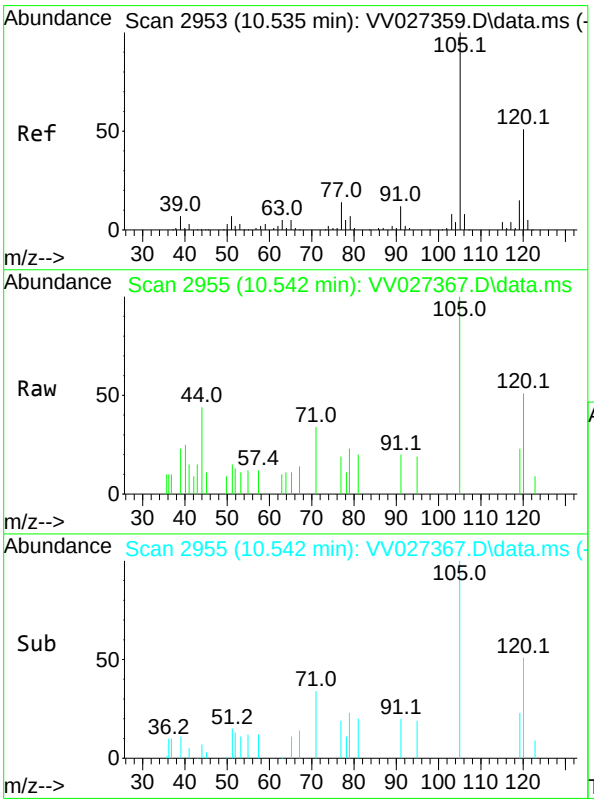
#53
m,p-Xylene
Concen: 0.119 ug/L
RT: 9.140 min Scan# 2
Delta R.T. 0.006 min
Lab File: VV027367.D
Acq: 13 Aug 2022 14:16

Instrument :
MSVOA_V
ClientSampleId :
F5D84

Tgt Ion:106 Resp: 2680

Ion	Ratio	Lower	Upper
106	100		
91	204.9	141.5	262.9

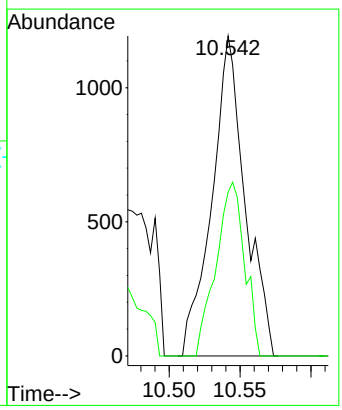


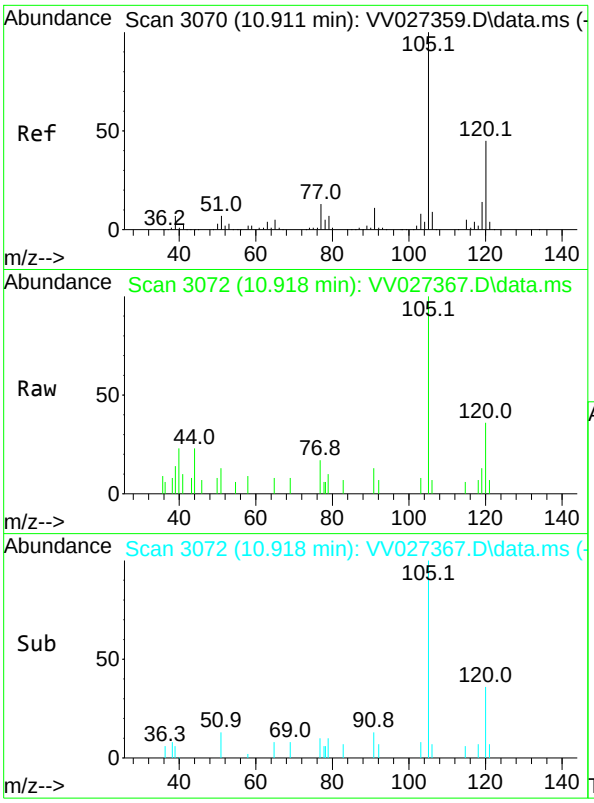


#62
1,3,5-Trimethylbenzene
Concen: 0.144 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. 0.006 min
Lab File: VV027367.D
Acq: 13 Aug 2022 14:16

Tgt Ion:105 Resp: 1946

Ion	Ratio	Lower	Upper
105	100		
120	46.6	38.2	57.4





#63
1,2,4-Trimethylbenzene
Concen: 0.070 ug/L
RT: 10.918 min Scan# 3
Delta R.T. 0.006 min
Lab File: VV027367.D
Acq: 13 Aug 2022 14:16

Instrument :
MSVOA_V
ClientSampleId :
F5D84

Tgt Ion:105 Resp: 2693

Ion	Ratio	Lower	Upper
105	100		
120	43.9	36.2	54.2