Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100921\
Data File : VU045271.D
Acq On : 09 Oct 2021 18:36
Operator : SY/MD
Sample : M4138-04DL 100X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Oct 11 01:48:53 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Oct 11 01:47:08 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	260883	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	254300	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	110476	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	130303	45.626	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 91.260%			
7) Chloroethane-d5	1.899	69	107295	47.410	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 94.820%			
11) 1,1-Dichloroethene-d2	2.565	63	160618	33.490	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 66.980%			
21) 2-Butanone-d5	4.626	46	215394	95.400	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 95.400%			
24) Chloroform-d	5.067	84	203798	45.182	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.360%			
26) 1,2-Dichloroethane-d4	5.706	65	143801	47.066	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.140%			
32) Benzene-d6	5.732	84	427968	48.500	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.000%			
36) 1,2-Dichloropropane-d6	6.694	67	137826	47.902	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 95.800%			
41) Toluene-d8	7.902	98	366569	48.137	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.280%			
43) trans-1,3-Dichloroprop...	8.182	79	55172	43.107	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 86.220%			
47) 2-Hexanone-d5	8.636	63	144625	90.703	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 90.700%			
56) 1,1,2,2-Tetrachloroeth...	10.761	84	211131	47.123	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 94.240%			
66) 1,2-Dichlorobenzene-d4	12.195	152	126672	52.686	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 105.380%			
Target Compounds						Qvalue
6) Bromomethane	1.835	94	792	0.541	ug/L	71
8) Chloroethane	1.600	64	19186	10.021	ug/L	85
37) 1,2-Dichloropropane	6.697	63	15517	6.042	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	3466	0.943	ug/L #	73
42) Toluene	7.973	91	97896	10.215	ug/L	99
52) Ethylbenzene	9.574	91	254441	25.133	ug/L	100
53) m,p-Xylene	9.693	106	304610	79.426	ug/L	100
54) o-xylene	10.102	106	85800	22.767	ug/L	100
55) Styrene	10.102	104	4566	0.705	ug/L #	1
60) 1,2,3-Trichloropropane	10.102	75	2229	0.729	ug/L #	1
61) Isopropylbenzene	10.488	105	5064	0.626	ug/L	97
62) 1,3,5-Trimethylbenzene	11.092	105	2611	0.387	ug/L	96
63) 1,2,4-Trimethylbenzene	11.471	105	8135	1.177	ug/L	97

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

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Quant Title : VOC Analysis
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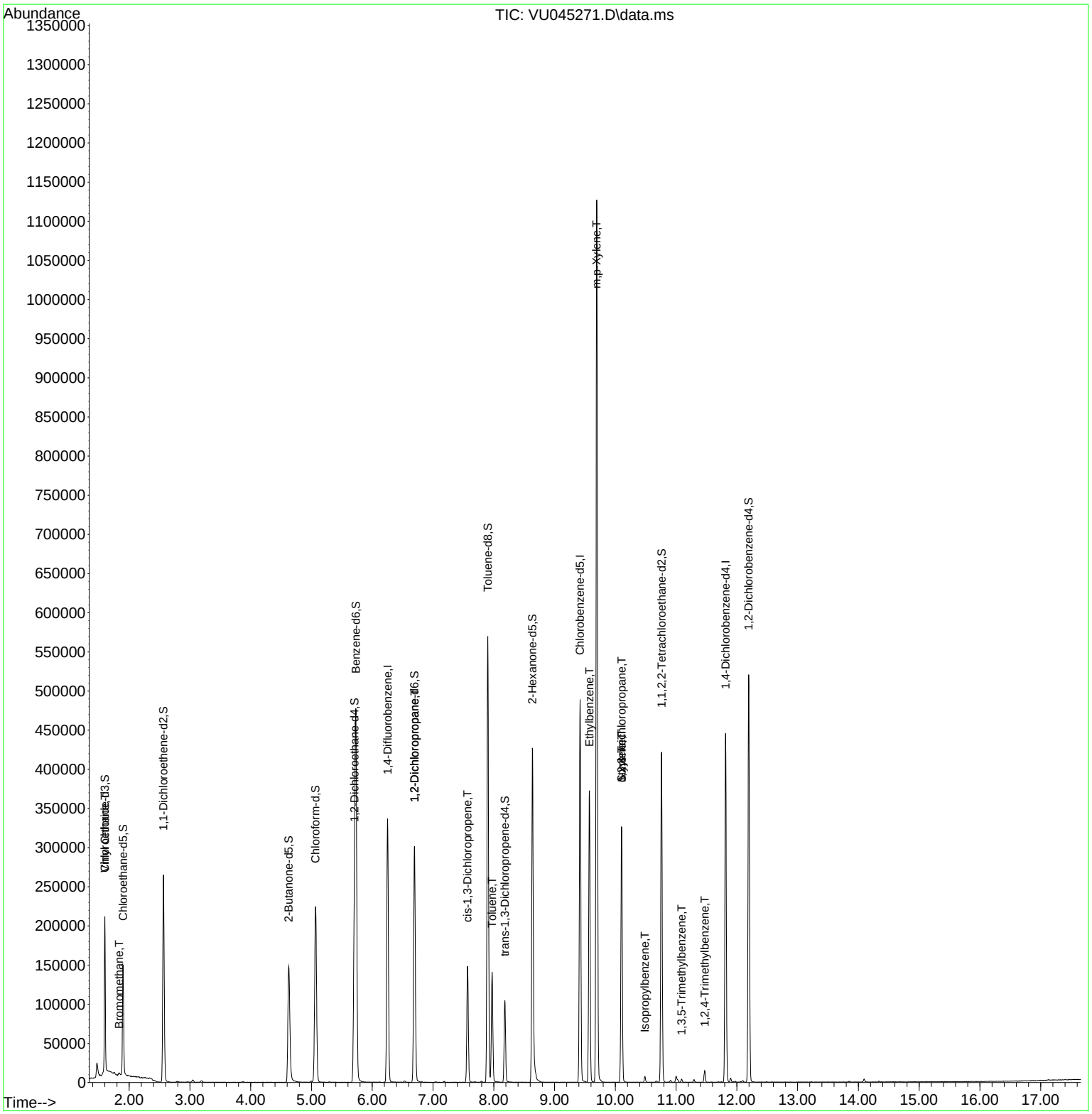
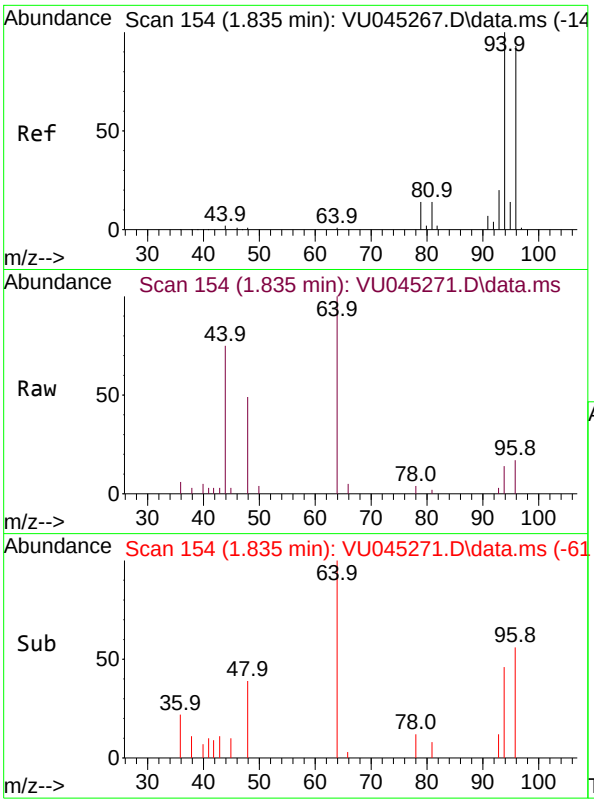
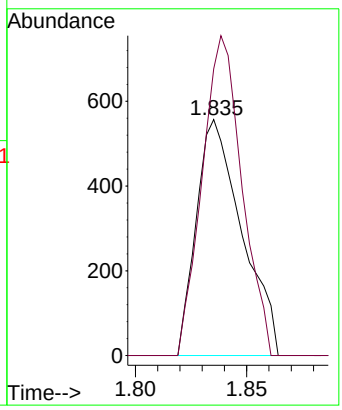




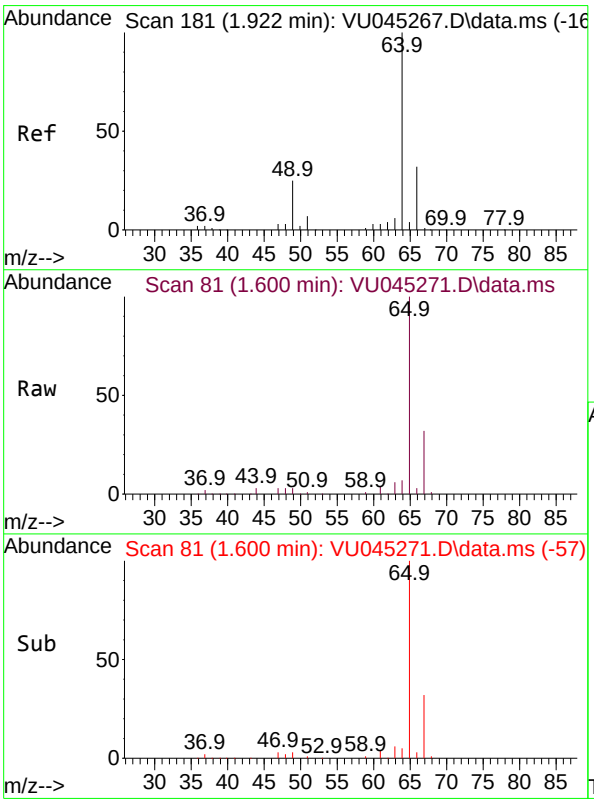
#6
Bromomethane
Concen: 0.541 ug/L
RT: 1.835 min Scan# 154
Delta R.T. -0.000 min
Lab File: VU045271.D
Acq: 09 Oct 2021 18:36

Tgt Ion: 94 Resp: 792

Ion	Ratio	Lower	Upper
94	100		
96	121.5	65.7	121.9



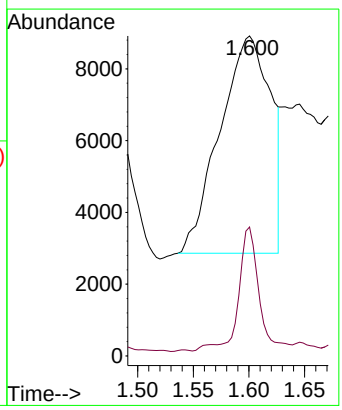
Instrument :
MSVOA_U
ClientSampleId :



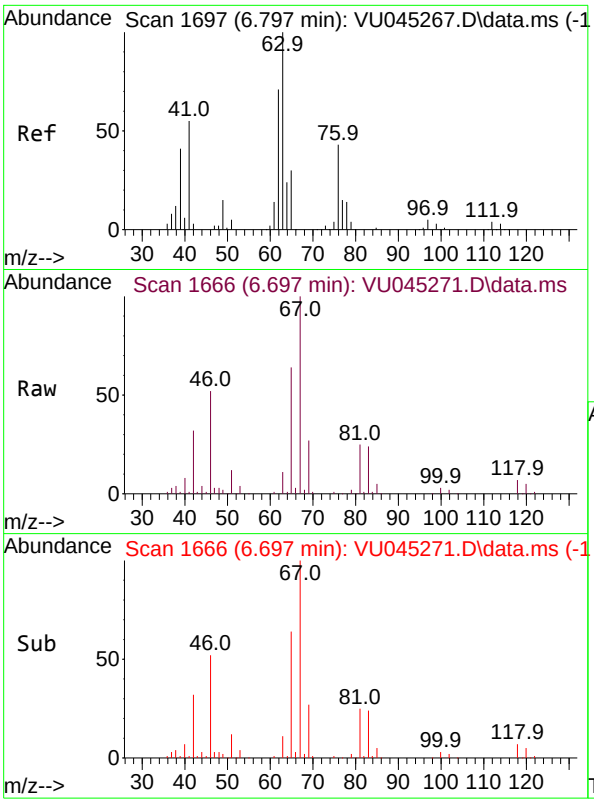
#8
Chloroethane
Concen: 10.021 ug/L
RT: 1.600 min Scan# 81
Delta R.T. -0.322 min
Lab File: VU045271.D
Acq: 09 Oct 2021 18:36

Tgt Ion: 64 Resp: 19186

Ion	Ratio	Lower	Upper
64	100		
66	40.3	22.3	41.3



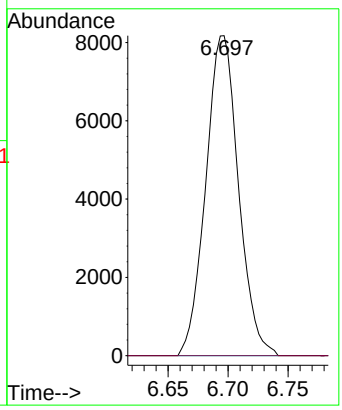
Instrument :
MSVOA_U
ClientSampleId :

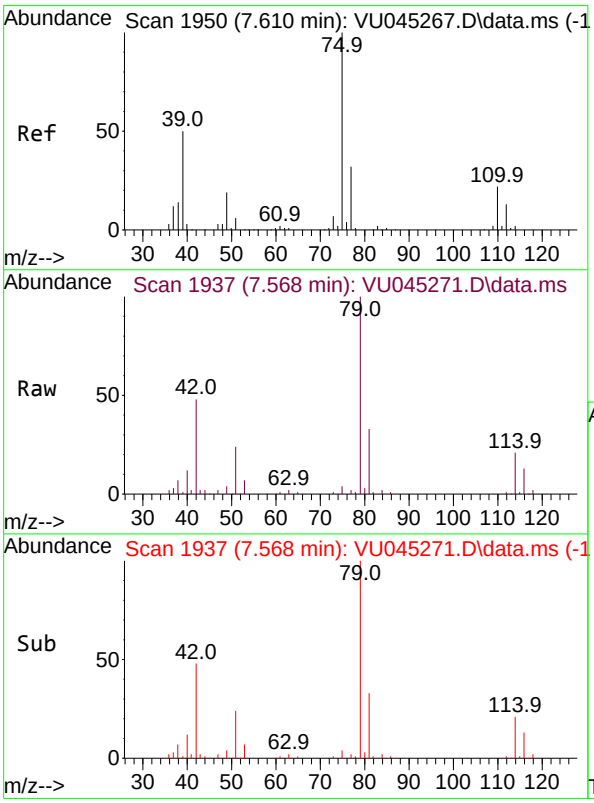


#37
1,2-Dichloropropane
Concen: 6.042 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.100 min
Lab File: VU045271.D
Acq: 09 Oct 2021 18:36

Tgt Ion: 63 Resp: 15517

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#

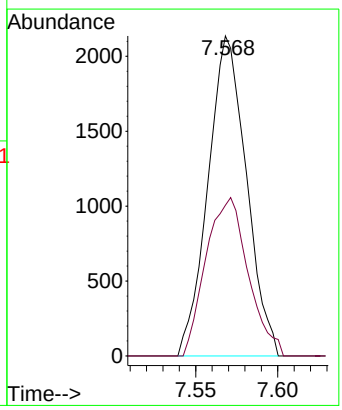


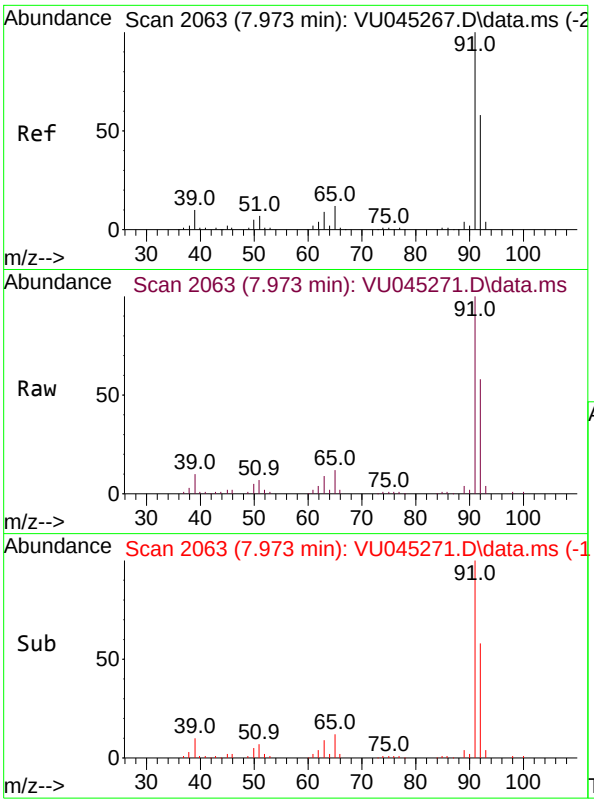


#39
cis-1,3-Dichloropropene
Concen: 0.943 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.042 min
Lab File: VU045271.D
Acq: 09 Oct 2021 18:36

Tgt Ion: 75 Resp: 3466

Ion	Ratio	Lower	Upper
75	100		
77	47.1	22.4	41.6#

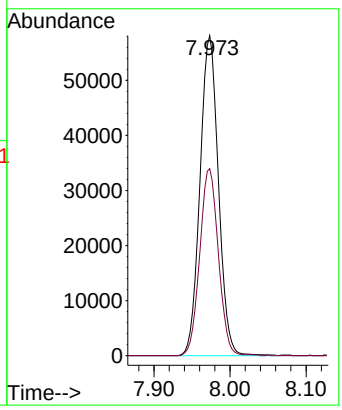




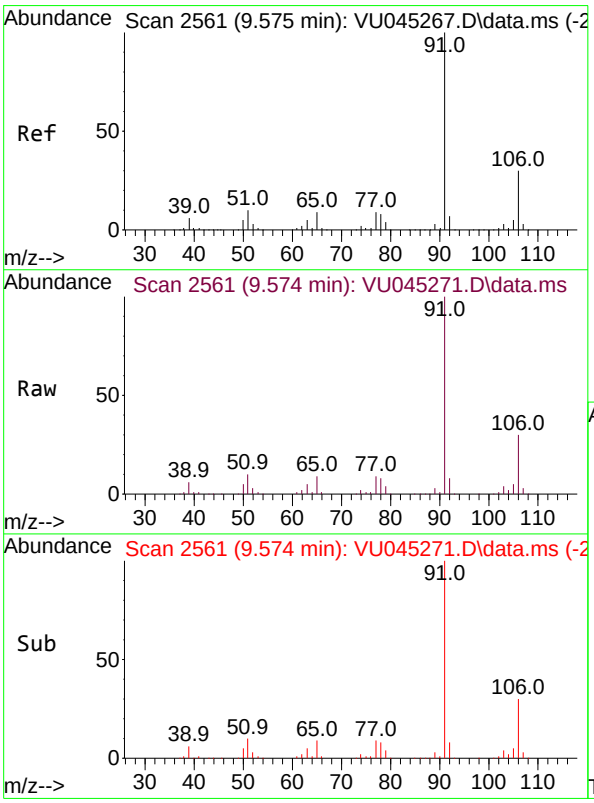
#42
Toluene
Concen: 10.215 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU045271.D
Acq: 09 Oct 2021 18:36

Tgt Ion: 91 Resp: 97896

Ion	Ratio	Lower	Upper
91	100		
92	58.5	40.5	75.1



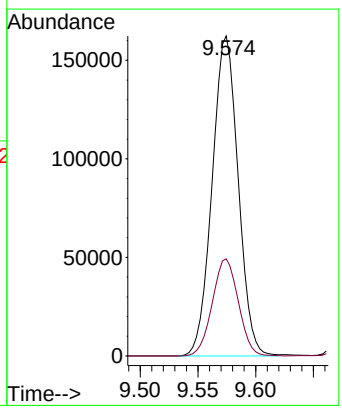
Instrument :
MSVOA_U
ClientSampleId :



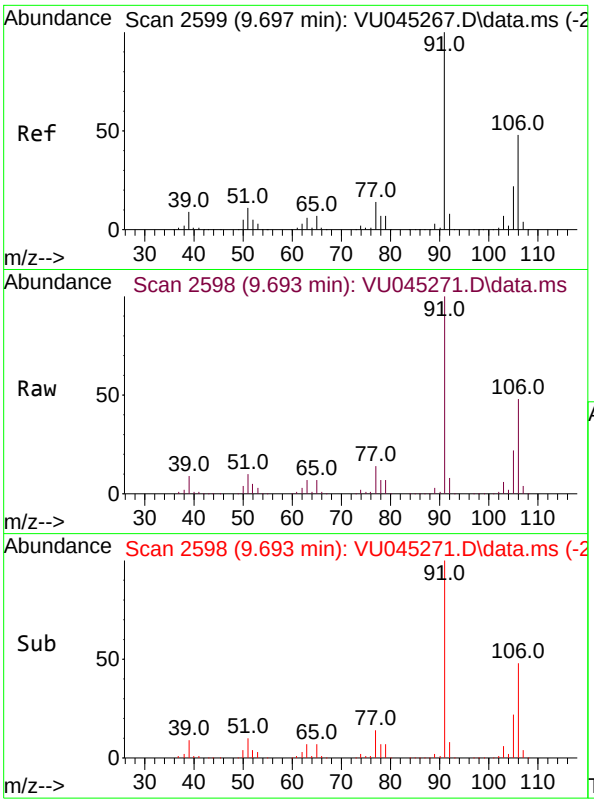
#52
Ethylbenzene
Concen: 25.133 ug/L
RT: 9.574 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU045271.D
Acq: 09 Oct 2021 18:36

Tgt Ion: 91 Resp: 254441

Ion	Ratio	Lower	Upper
91	100		
106	30.3	21.2	39.4



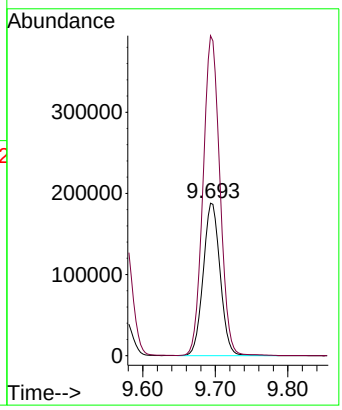
Instrument :
MSVOA_U
ClientSampleId :

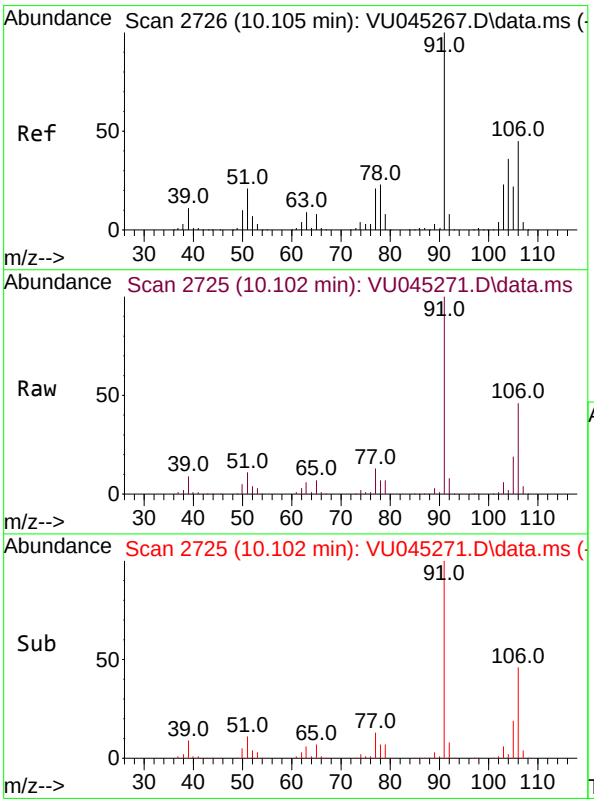


#53
m,p-Xylene
Concen: 79.426 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.003 min
Lab File: VU045271.D
Acq: 09 Oct 2021 18:36

Tgt Ion:106 Resp: 304610

Ion	Ratio	Lower	Upper
106	100		
91	209.8	146.7	272.4

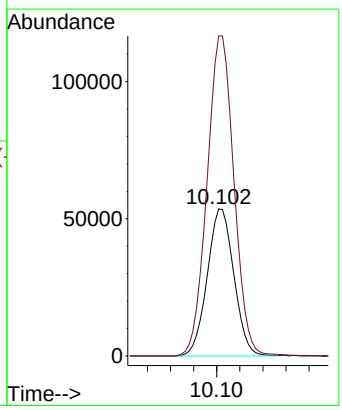


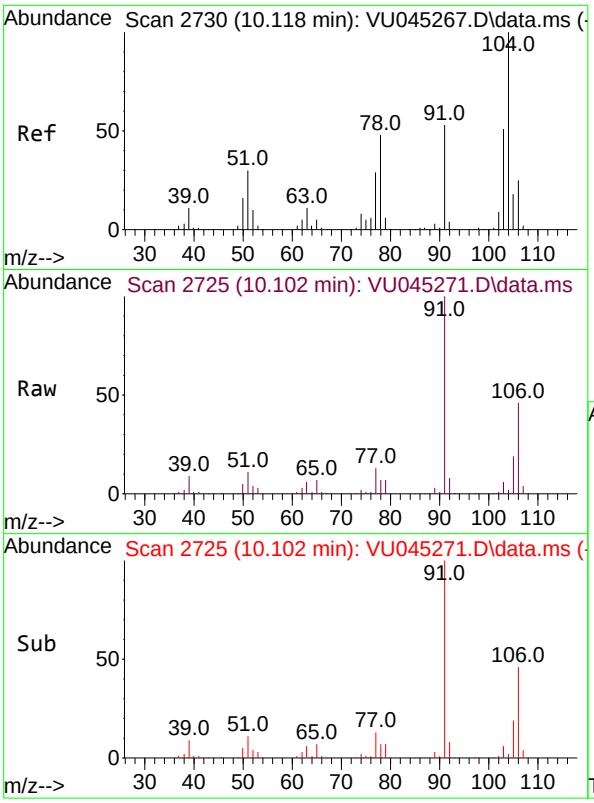


#54
o-xylene
Concen: 22.767 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.003 min
Lab File: VU045271.D
Acq: 09 Oct 2021 18:36

Tgt Ion:106 Resp: 85800

Ion	Ratio	Lower	Upper
106	100		
91	217.6	152.9	283.9

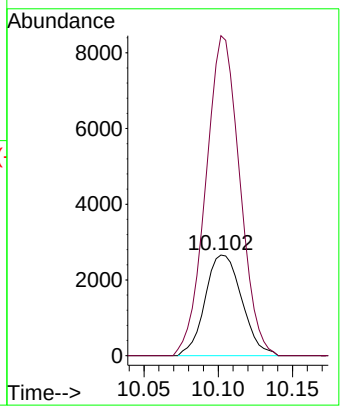




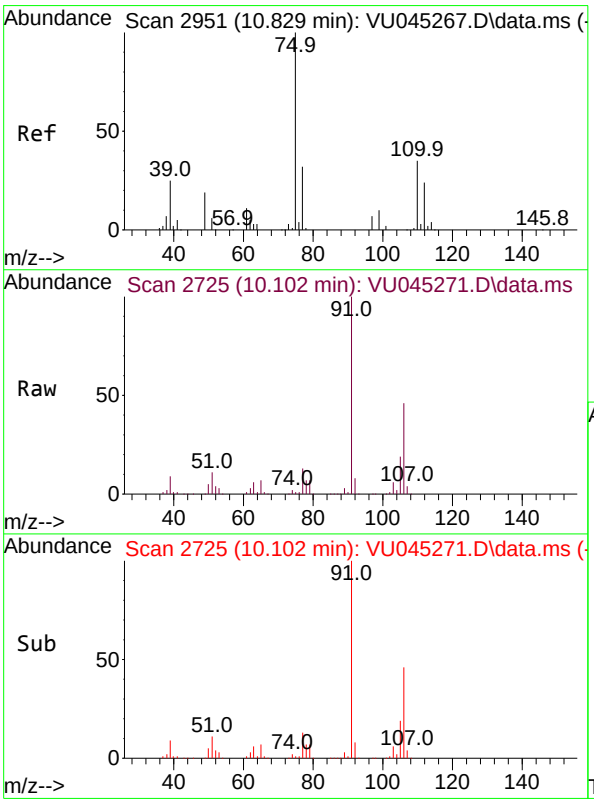
#55
Styrene
Concen: 0.705 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.016 min
Lab File: VU045271.D
Acq: 09 Oct 2021 18:36

Tgt Ion:104 Resp: 4566

Ion	Ratio	Lower	Upper
104	100		
78	318.0	33.3	61.9#



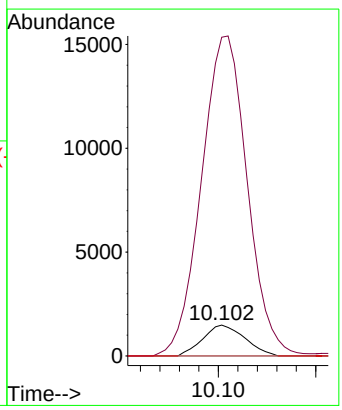
Instrument :
MSVOA_U
ClientSampleId :



#60
1,2,3-Trichloropropane
Concen: 0.729 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.727 min
Lab File: VU045271.D
Acq: 09 Oct 2021 18:36

Tgt Ion: 75 Resp: 2229

Ion	Ratio	Lower	Upper
75	100		
77	1128.7	25.5	38.3#
110	0.0	29.0	43.4#



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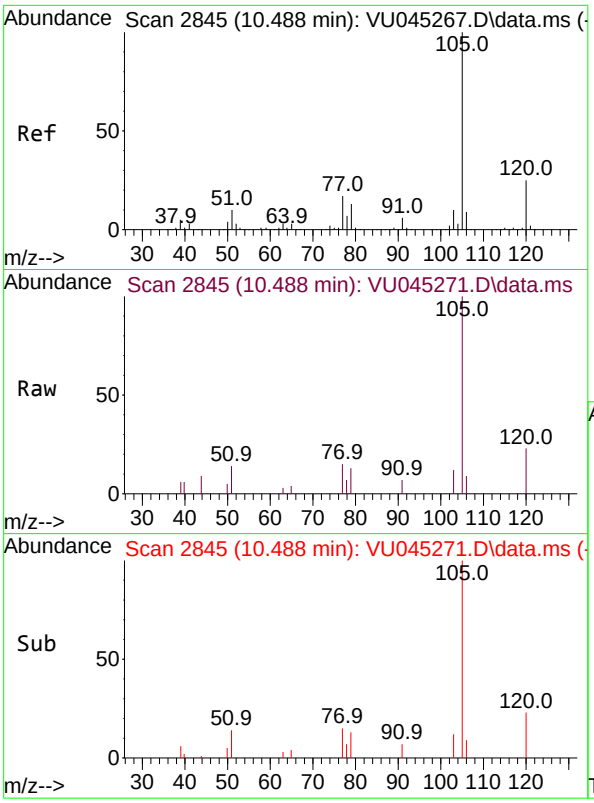
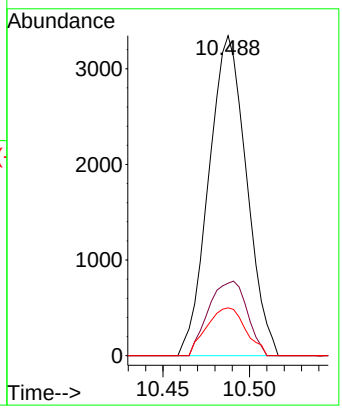
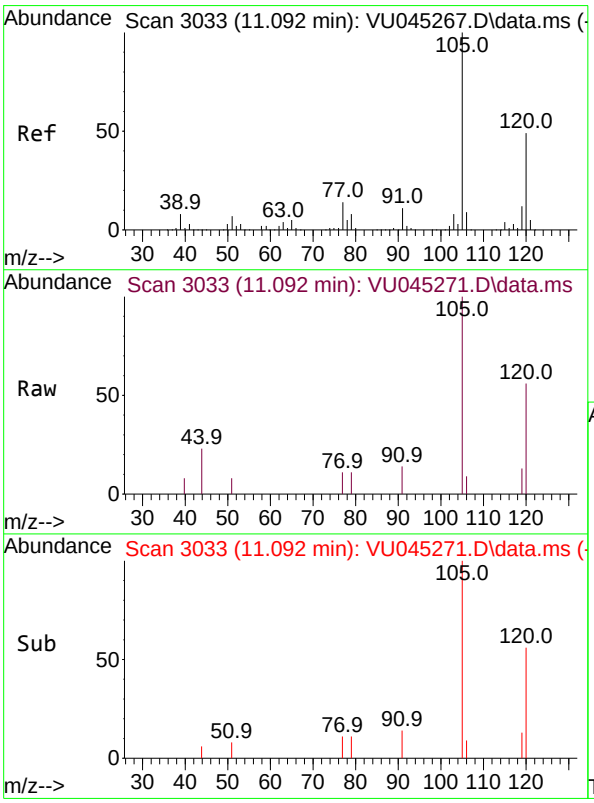


#61
Isopropylbenzene
Concen: 0.626 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. -0.000 min
Lab File: VU045271.D
Acq: 09 Oct 2021 18:36

Tgt Ion:105 Resp: 5064

Ion	Ratio	Lower	Upper
105	100		
120	23.8	20.5	30.7
77	15.4	13.5	20.3

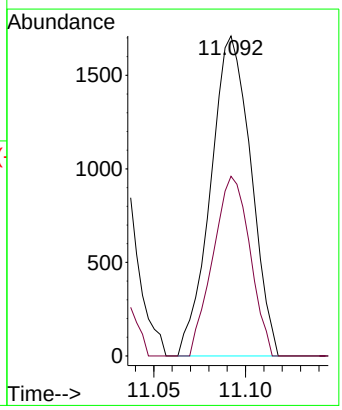


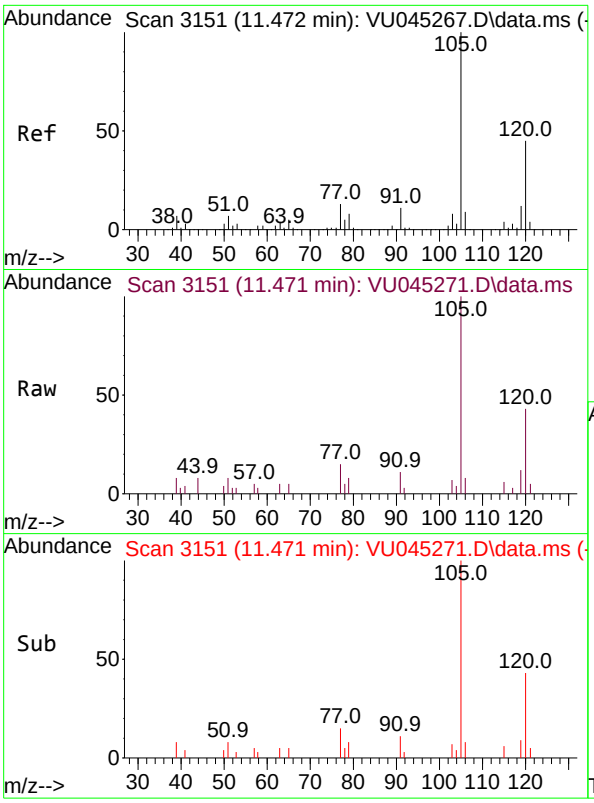


#62
1,3,5-Trimethylbenzene
Concen: 0.387 ug/L
RT: 11.092 min Scan# 3033
Delta R.T. -0.000 min
Lab File: VU045271.D
Acq: 09 Oct 2021 18:36

Tgt Ion:105 Resp: 2611

Ion	Ratio	Lower	Upper
105	100		
120	51.4	38.8	58.2

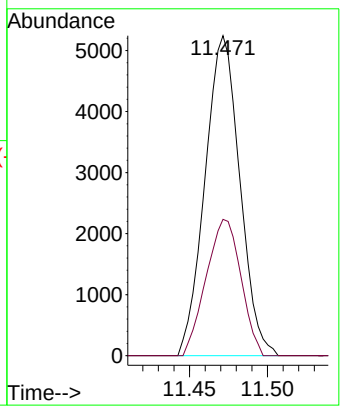




#63
1,2,4-Trimethylbenzene
Concen: 1.177 ug/L
RT: 11.471 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VU045271.D
Acq: 09 Oct 2021 18:36

Tgt Ion:105 Resp: 8135

Ion	Ratio	Lower	Upper
105	100		
120	42.5	35.7	53.5



Instrument :
MSVOA_U
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