Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122822\
Data File : VU052585.D
Acq On : 28 Dec 2022 13:56
Operator : JC/MD
Sample : N6169-12DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA3DL

Quant Time: Dec 29 00:26:11 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 29 00:24:48 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	187137	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	173374	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	83909	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	53555	2.825	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 56.400%			
7) Chloroethane-d5	1.916	69	56568	3.460	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 69.200%			
11) 1,1-Dichloroethene-d2	2.568	65	25416	3.115	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 62.400%			
20) 2-Butanone-d5	4.639	46	287455	48.893	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 97.780%			
24) Chloroform-d	5.060	84	132593	4.145	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.000%			
26) 1,2-Dichloroethane-d4	5.700	65	79437	4.281	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.600%			
32) Benzene-d6	5.722	84	264343	4.447	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.000%			
36) 1,2-Dichloropropane-d6	6.687	67	96205	4.702	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.000%			
41) Toluene-d8	7.893	98	223136	4.472	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.400%			
43) trans-1,3-Dichloroprop...	8.176	79	32278	4.607	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 92.200%			
46) 2-Hexanone-d5	8.629	63	203915	53.195	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 106.400%			
56) 1,1,2,2-Tetrachloroeth...	10.751	84	81911	4.715	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 94.400%			
66) 1,2-Dichlorobenzene-d4	12.188	152	83930	4.913	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.200%			
Target Compounds						Qvalue
16) Methylene chloride	3.044	84	12889	0.651	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	7183	0.497	ug/L	93
22) cis-1,2-Dichloroethene	4.665	96	10718	0.676	ug/L	95
30) Cyclohexane	5.382	56	28971	1.229	ug/L #	85
35) Methylcyclohexane	6.761	83	64189	2.916	ug/L	92
52) Ethylbenzene	9.568	91	34229	0.552	ug/L	97
53) m,p-Xylene	9.693	106	7398	0.324	ug/L	100

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

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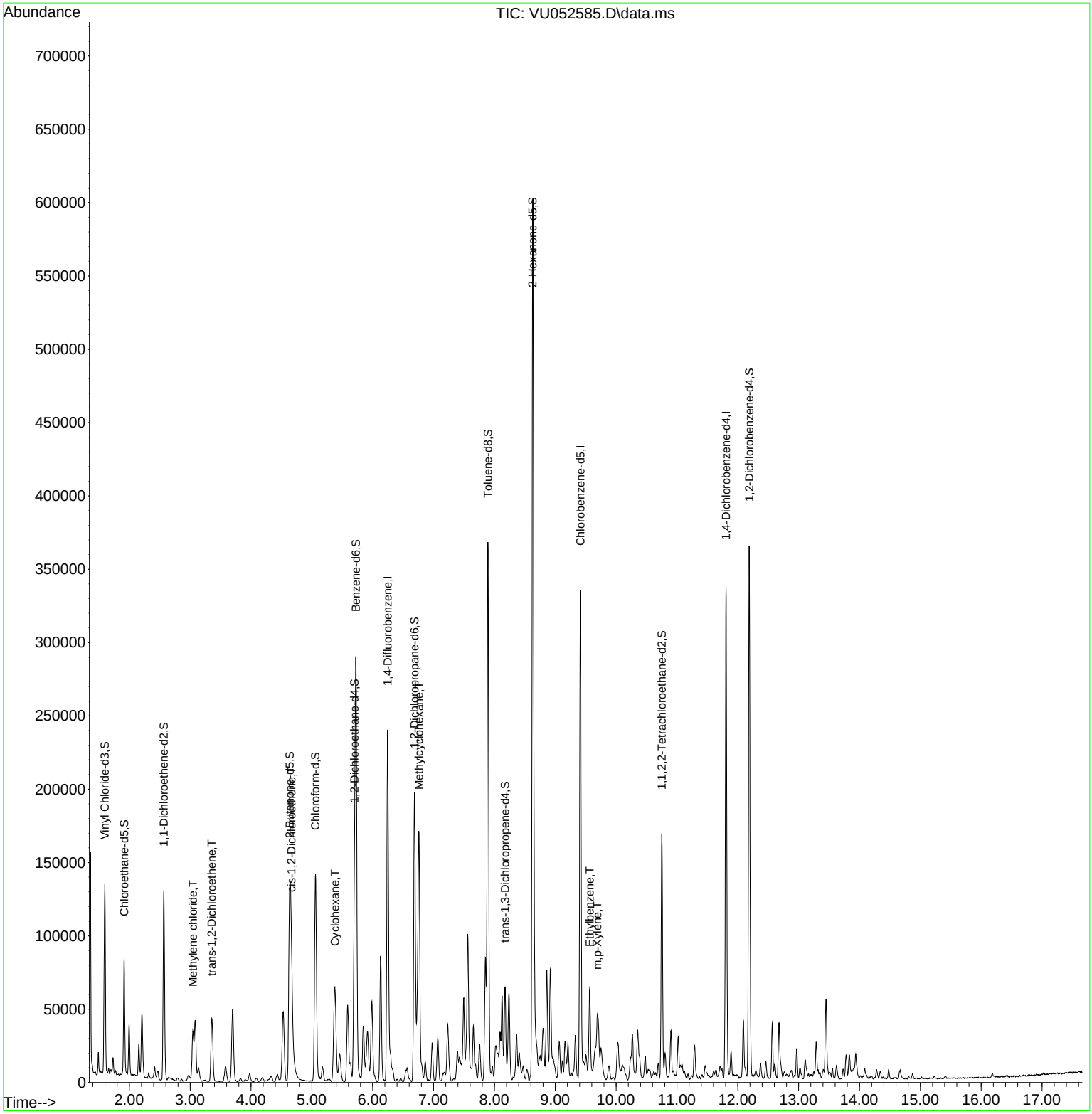
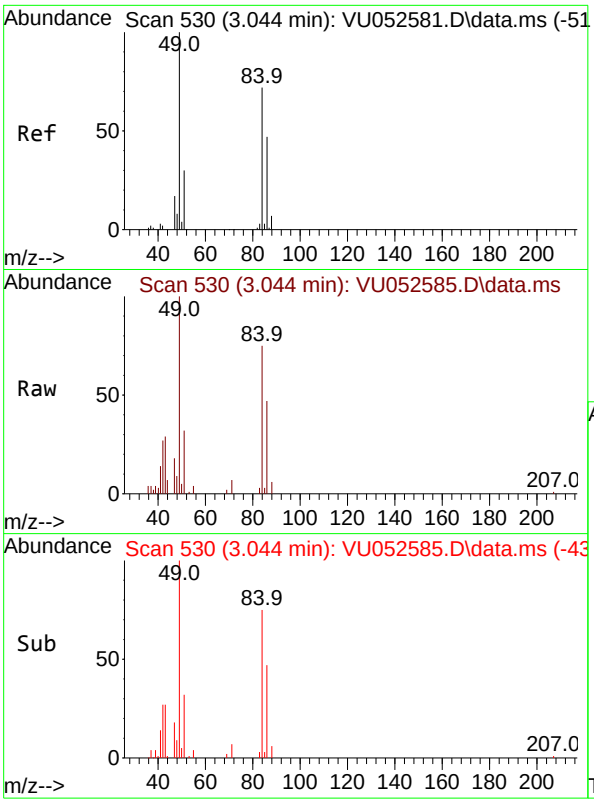


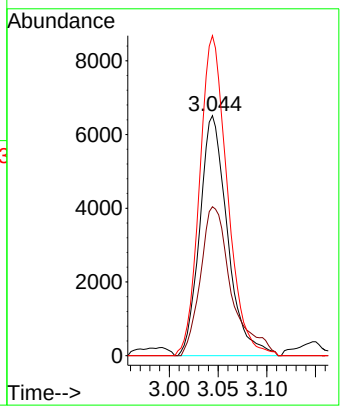


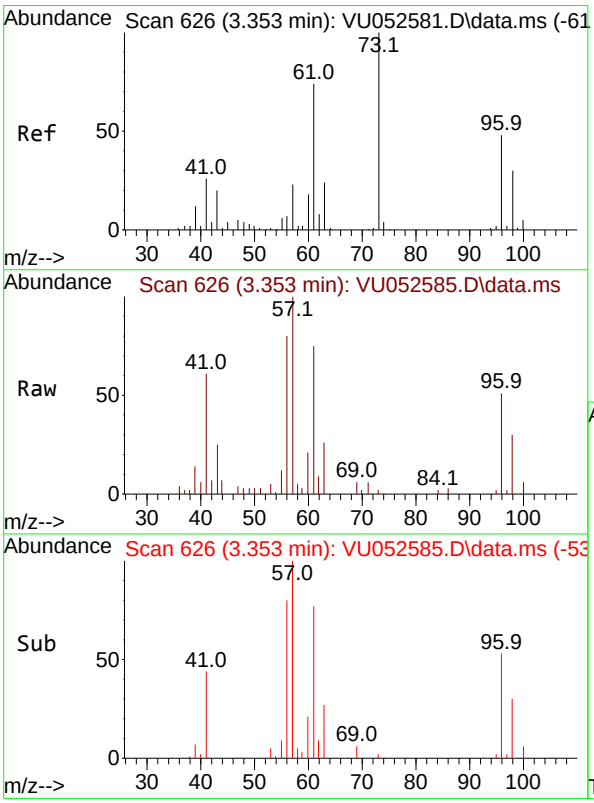
#16
Methylene chloride
Concen: 0.651 ug/L
RT: 3.044 min Scan# 5
Delta R.T. 0.000 min
Lab File: VU052585.D
Acq: 28 Dec 2022 13:56

Instrument :
MSVOA_U
ClientSampleId :
GBQA3DL

Tgt Ion: 84 Resp: 12889

Ion	Ratio	Lower	Upper
84	100		
86	62.1	44.7	83.1
49	133.3	93.3	173.3

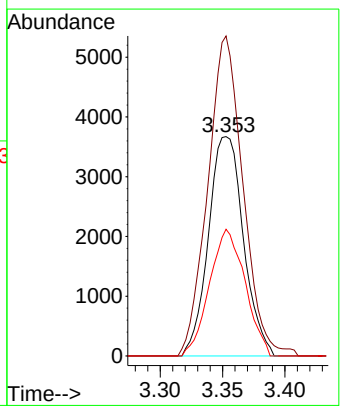


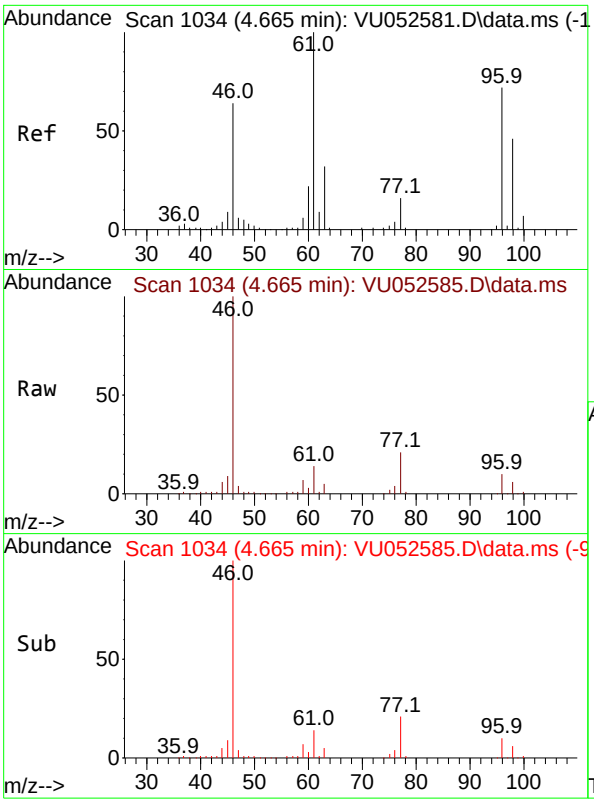


#18
trans-1,2-Dichloroethene
Concen: 0.497 ug/L
RT: 3.353 min Scan# 626
Delta R.T. 0.000 min
Lab File: VU052585.D
Acq: 28 Dec 2022 13:56

Tgt Ion: 96 Resp: 7183

Ion	Ratio	Lower	Upper
96	100		
61	145.9	108.3	201.1
98	57.8	44.0	81.6



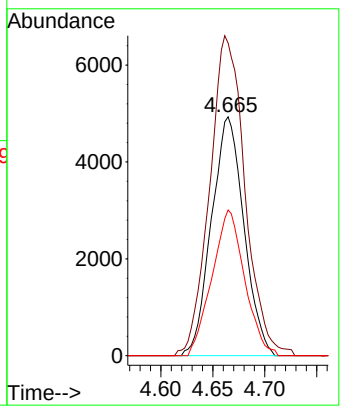


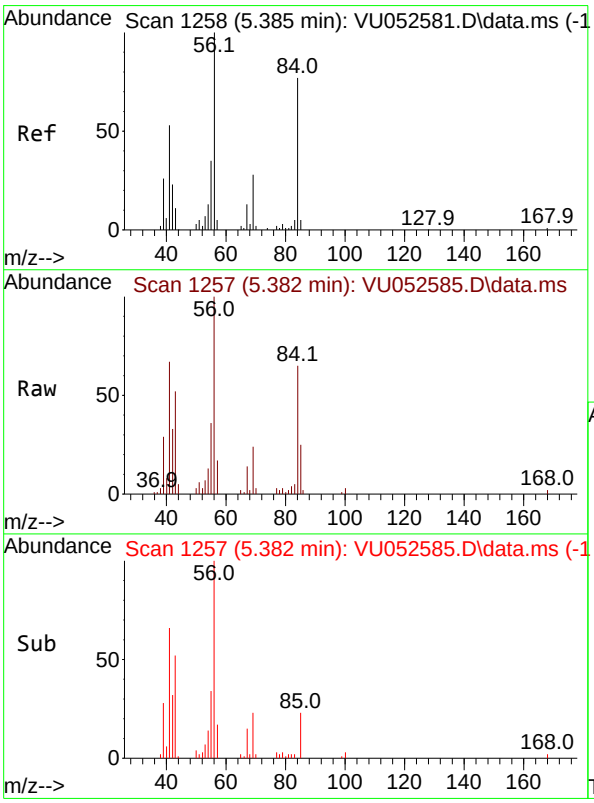
#22
cis-1,2-Dichloroethene
Concen: 0.676 ug/L
RT: 4.665 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU052585.D
Acq: 28 Dec 2022 13:56

Instrument :
MSVOA_U
ClientSampleId :
GBQA3DL

Tgt Ion: 96 Resp: 10718

Ion	Ratio	Lower	Upper
96	100		
61	130.9	96.9	180.1
98	61.0	44.7	83.1

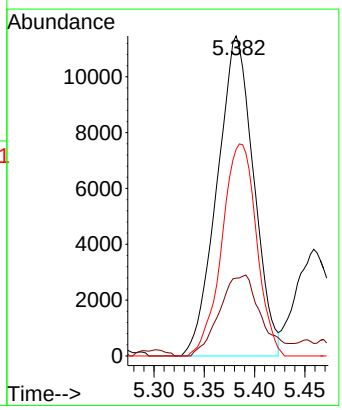


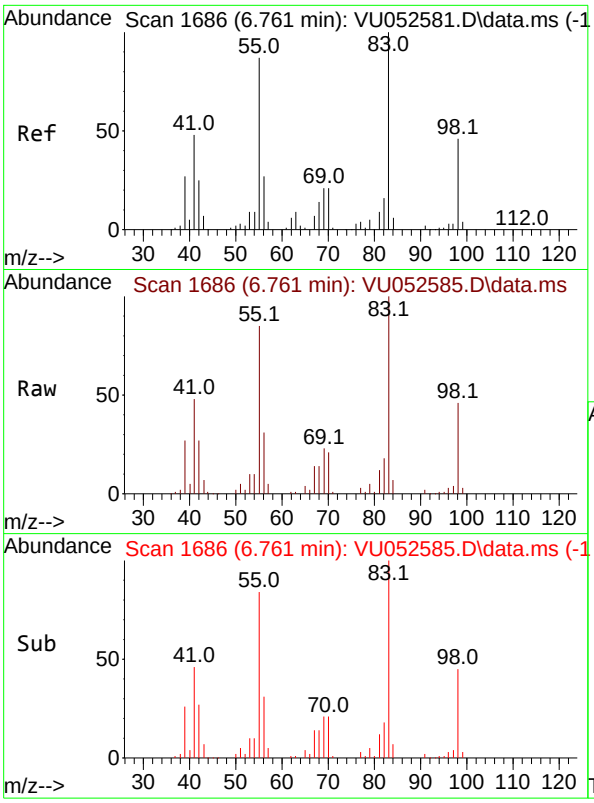


#30
Cyclohexane
Concen: 1.229 ug/L
RT: 5.382 min Scan# 1257
Delta R.T. -0.003 min
Lab File: VU052585.D
Acq: 28 Dec 2022 13:56

Tgt Ion: 56 Resp: 28971

Ion	Ratio	Lower	Upper
56	100		
69	28.7	23.0	34.6
84	62.9	64.4	96.6#



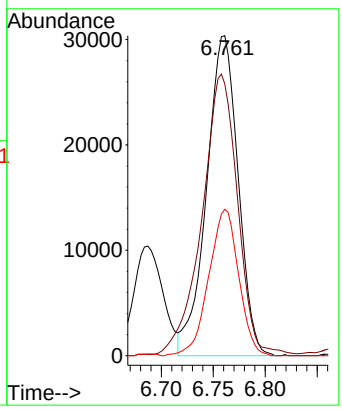


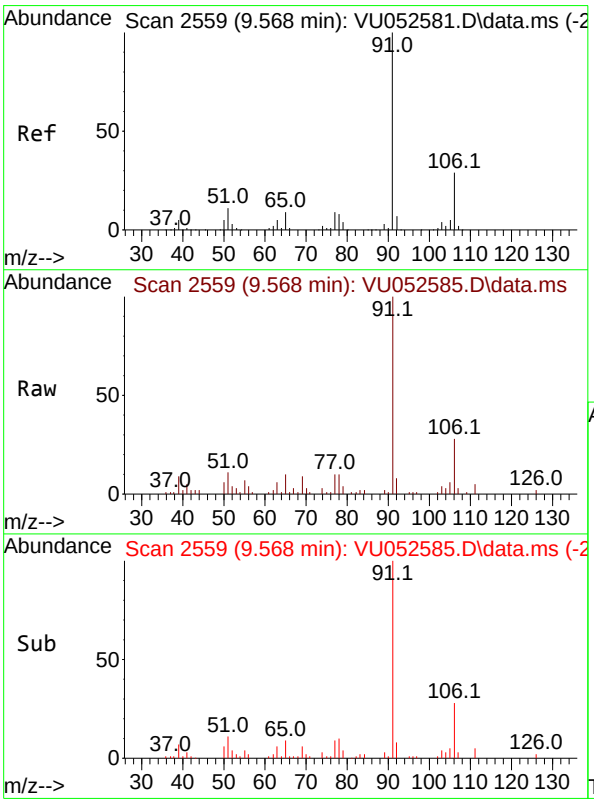
#35
Methylcyclohexane
Concen: 2.916 ug/L
RT: 6.761 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU052585.D
Acq: 28 Dec 2022 13:56

Instrument :
MSVOA_U
ClientSampleId :
GBQA3DL

Tgt Ion: 83 Resp: 64189

Ion	Ratio	Lower	Upper
83	100		
55	98.5	71.4	107.0
98	43.3	36.5	54.7

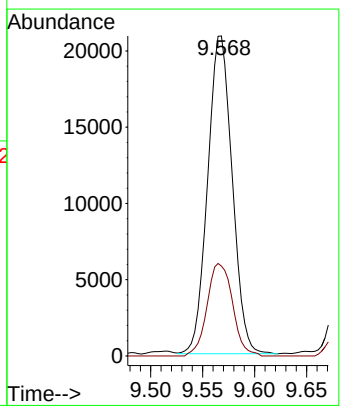


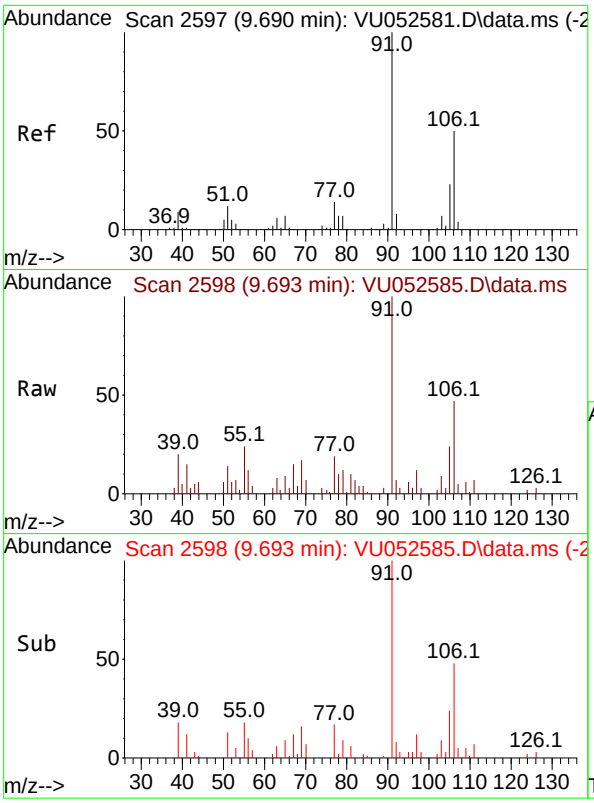


#52
Ethylbenzene
Concen: 0.552 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. 0.000 min
Lab File: VU052585.D
Acq: 28 Dec 2022 13:56

Tgt Ion: 91 Resp: 34229

Ion	Ratio	Lower	Upper
91	100		
106	28.1	20.9	38.7





#53
m,p-Xylene
Concen: 0.324 ug/L
RT: 9.693 min Scan# 2
Delta R.T. 0.003 min
Lab File: VU052585.D
Acq: 28 Dec 2022 13:56

Instrument :
MSVOA_U
ClientSampleId :
GBQA3DL

Tgt Ion:106 Resp: 7398

Ion	Ratio	Lower	Upper
106	100		
91	212.3	148.2	275.2