Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
Data File : VU051950.D
Acq On : 19 Nov 2022 13:00
Operator : JC/MD
Sample : N5693-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 53 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBN88

Quant Time: Nov 19 21:43:33 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Nov 19 21:39:41 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	223280	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	228285	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	87306	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	104923	4.831	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 96.600%			
7) Chloroethane-d5	1.906	69	85544	5.071	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 101.400%			
11) 1,1-Dichloroethene-d2	2.565	65	36555	4.696	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 94.000%			
20) 2-Butanone-d5	4.616	46	198825	50.505	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 101.000%			
24) Chloroform-d	5.060	84	160377	5.026	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.600%			
26) 1,2-Dichloroethane-d4	5.700	65	81560	5.060	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.200%			
32) Benzene-d6	5.726	84	333058	4.914	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.200%			
36) 1,2-Dichloropropane-d6	6.687	67	109142	5.204	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 104.000%			
41) Toluene-d8	7.896	98	262385	4.279	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.600%			
43) trans-1,3-Dichloroprop...	8.179	79	33578	4.393	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 87.800%			
46) 2-Hexanone-d5	8.629	63	150116	46.345	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 92.680%			
56) 1,1,2,2-Tetrachloroeth...	10.754	84	90952	5.001	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.000%			
66) 1,2-Dichlorobenzene-d4	12.192	152	91501	5.474	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 109.400%			
Target Compounds						Qvalue
13) Acetone	2.620	43	315268	117.933	ug/L	98
16) Methylene chloride	3.044	84	67457	3.078	ug/L	99
17) Methyl tert-butyl Ether	3.359	73	3945	0.109	ug/L #	91
18) trans-1,2-Dichloroethene	3.350	96	2065	0.119	ug/L	94
22) cis-1,2-Dichloroethene	4.665	96	136655	7.499	ug/L	99
27) 1,2-Dichloroethane	5.793	62	15427	0.794	ug/L #	91
33) Benzene	5.774	78	28173	0.379	ug/L	100
34) Trichloroethene	6.539	95	172803	9.325	ug/L	97

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

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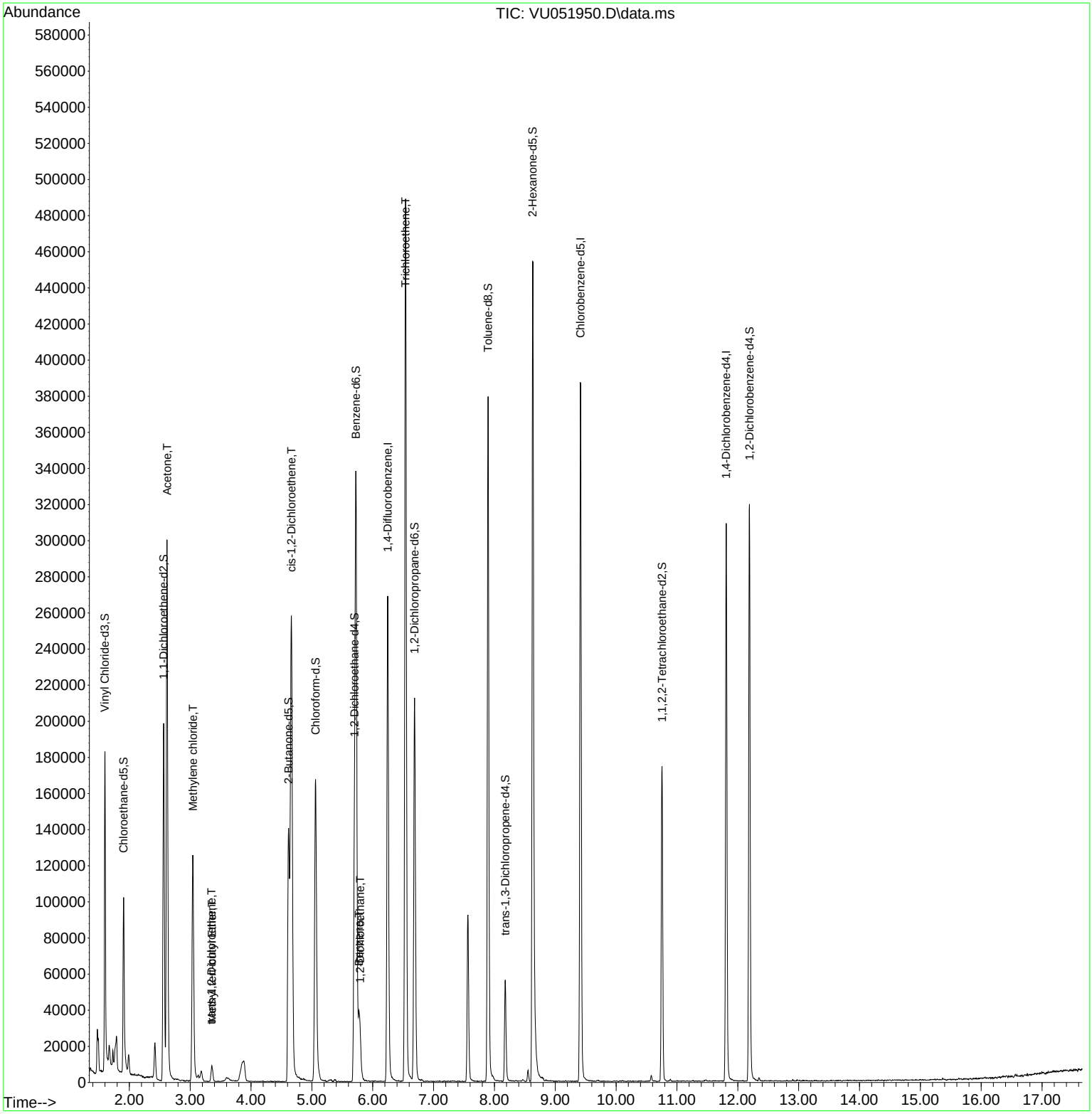
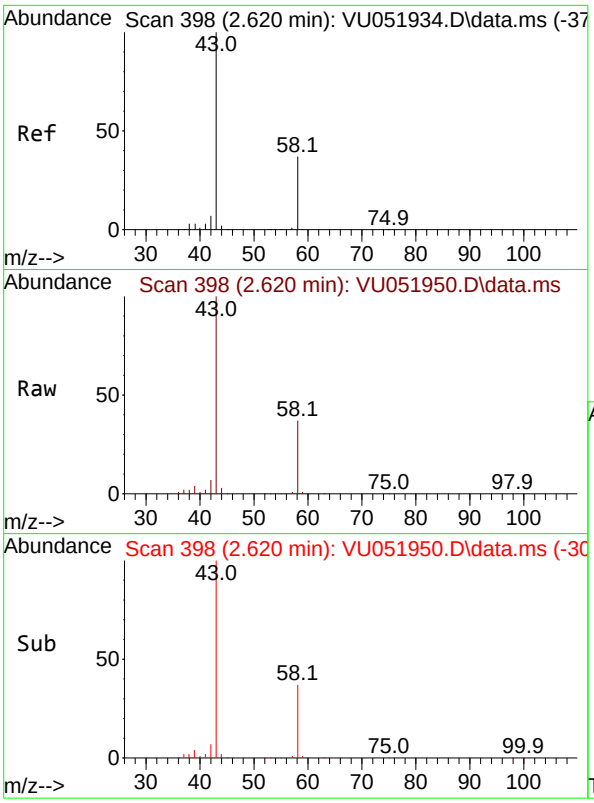


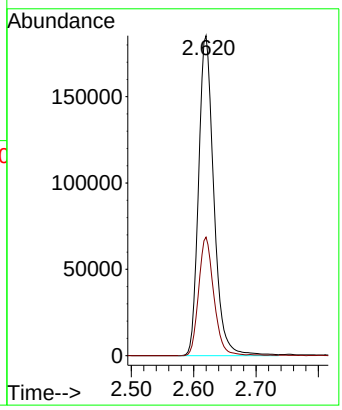


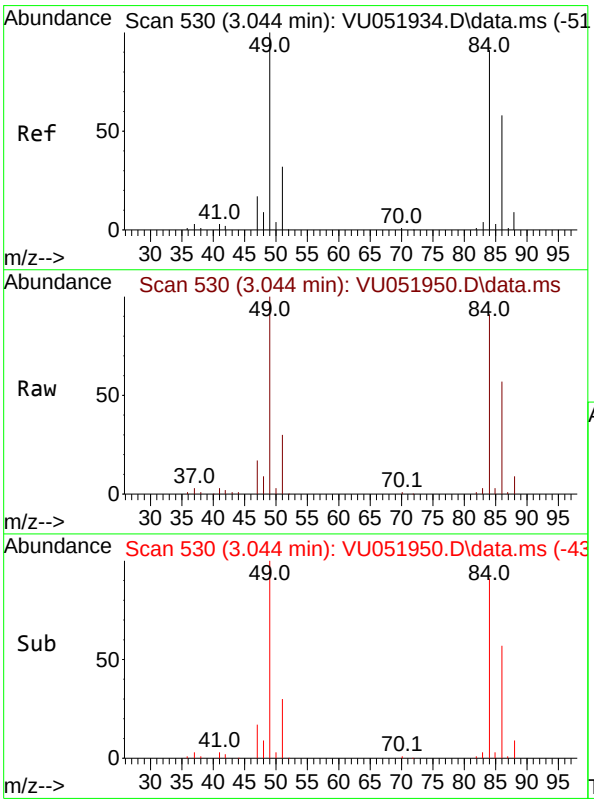
#13
Acetone
Concen: 117.933 ug/L
RT: 2.620 min Scan# 3
Delta R.T. -0.000 min
Lab File: VU051950.D
Acq: 19 Nov 2022 13:00

Instrument :
MSVOA_U
ClientSampleId :
GBN88

Tgt Ion: 43 Resp: 315268

Ion	Ratio	Lower	Upper
43	100		
58	36.8	0.0	76.0

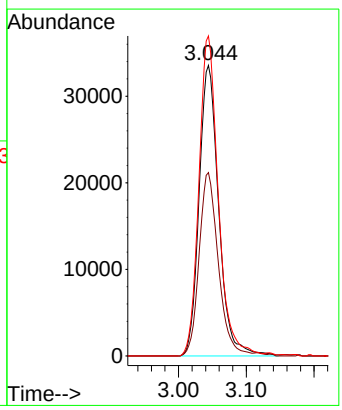


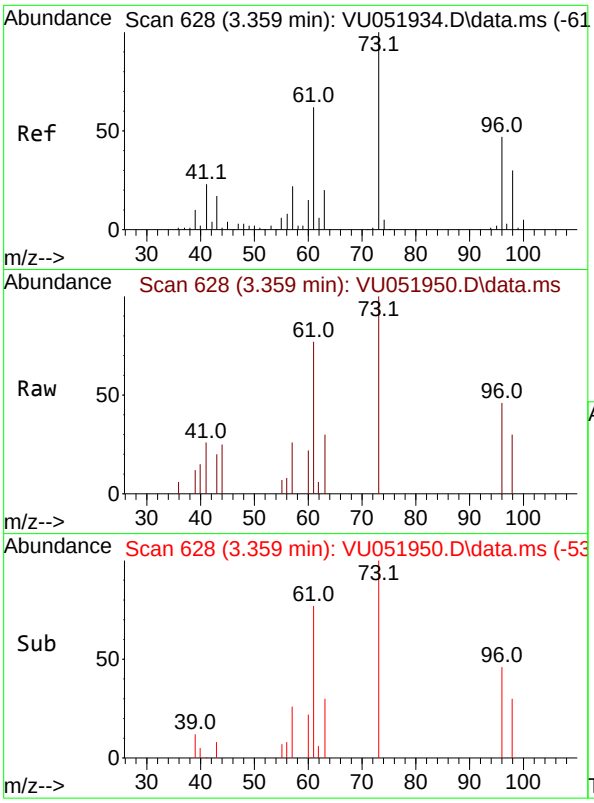


#16
Methylene chloride
Concen: 3.078 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.000 min
Lab File: VU051950.D
Acq: 19 Nov 2022 13:00

Tgt Ion: 84 Resp: 67457

Ion	Ratio	Lower	Upper
84	100		
86	63.1	43.8	81.4
49	110.1	75.9	141.1



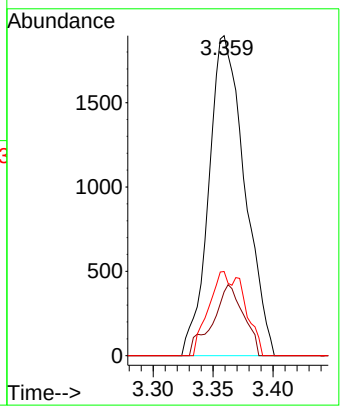


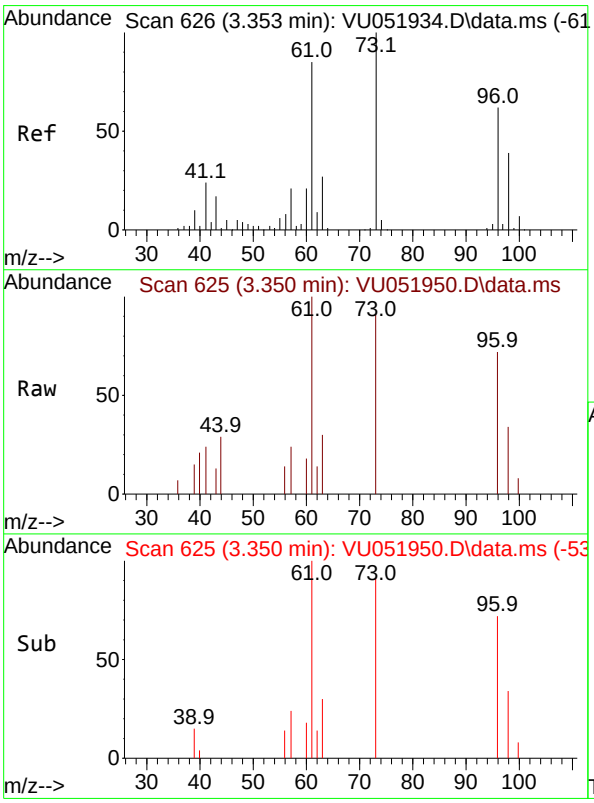
#17
Methyl tert-butyl Ether
Concen: 0.109 ug/L
RT: 3.359 min Scan# 6
Delta R.T. -0.000 min
Lab File: VU051950.D
Acq: 19 Nov 2022 13:00

Instrument :
MSVOA_U
ClientSampleId :
GBN88

Tgt Ion: 73 Resp: 3945

Ion	Ratio	Lower	Upper
73	100		
43	19.1	13.2	19.8
57	16.8	17.8	26.8#

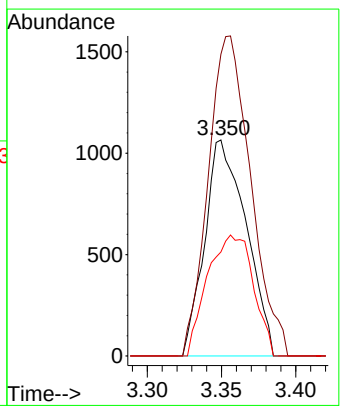


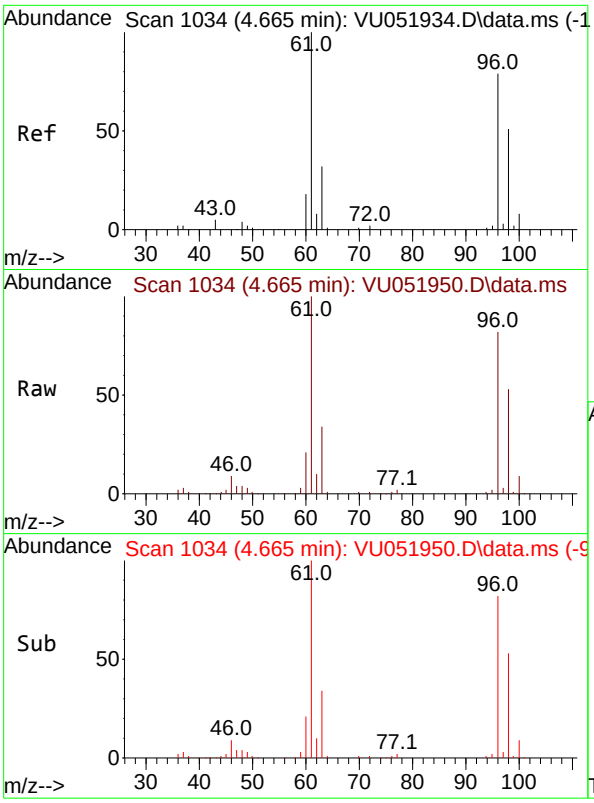


#18
trans-1,2-Dichloroethene
Concen: 0.119 ug/L
RT: 3.350 min Scan# 625
Delta R.T. -0.003 min
Lab File: VU051950.D
Acq: 19 Nov 2022 13:00

Tgt Ion: 96 Resp: 2065

Ion	Ratio	Lower	Upper
96	100		
61	139.7	97.9	181.7
98	48.2	43.8	81.3



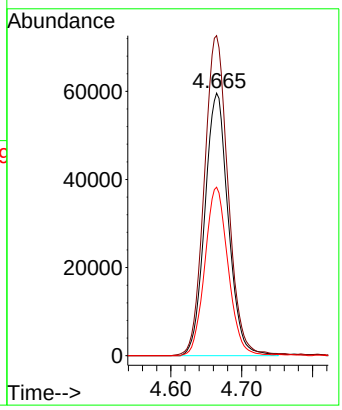


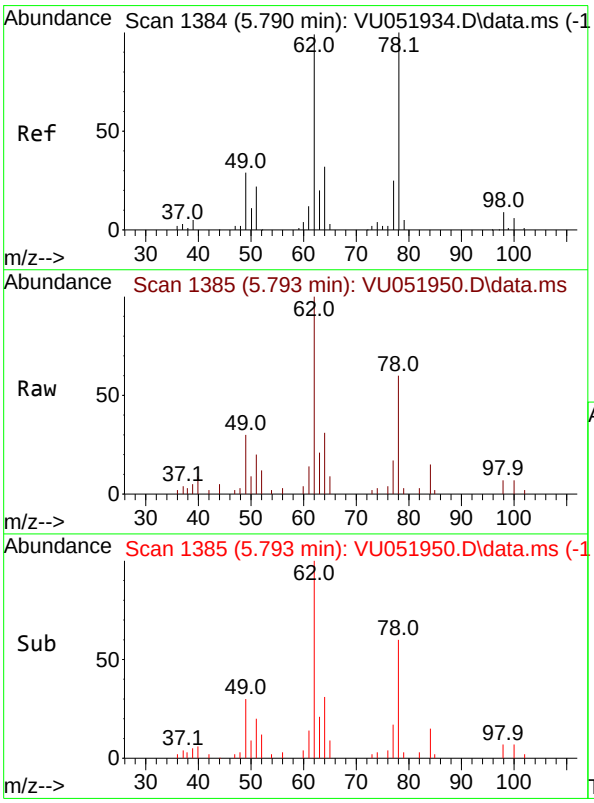
#22
cis-1,2-Dichloroethene
Concen: 7.499 ug/L
RT: 4.665 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU051950.D
Acq: 19 Nov 2022 13:00

Instrument :
MSVOA_U
ClientSampleId :
GBN88

Tgt Ion: 96 Resp: 136655

Ion	Ratio	Lower	Upper
96	100		
61	121.8	85.1	158.1
98	64.2	42.8	79.6

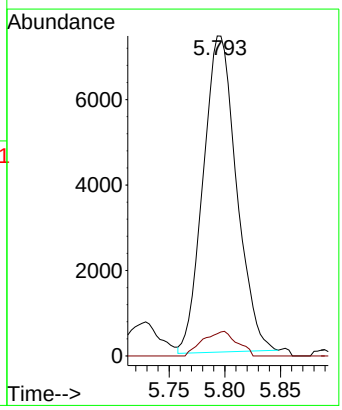


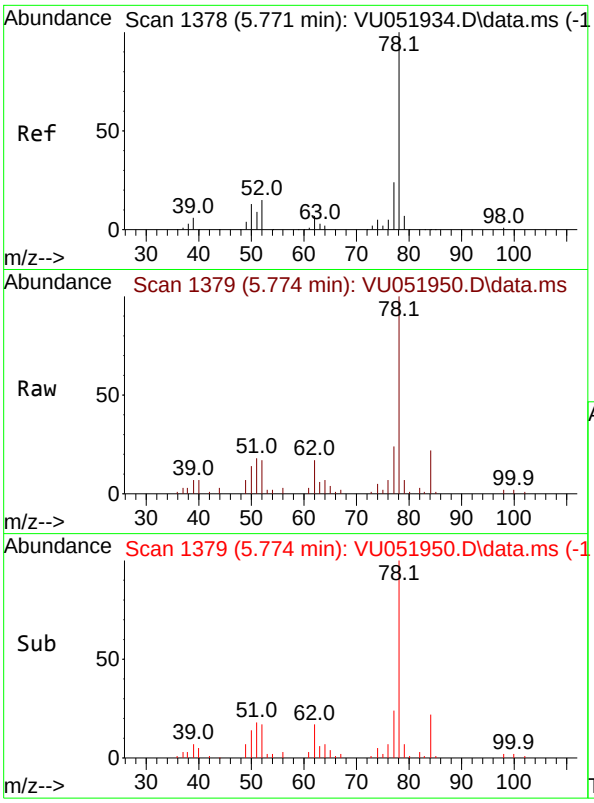


#27
1,2-Dichloroethane
Concen: 0.794 ug/L
RT: 5.793 min Scan# 1385
Delta R.T. 0.003 min
Lab File: VU051950.D
Acq: 19 Nov 2022 13:00

Tgt Ion: 62 Resp: 15427

Ion	Ratio	Lower	Upper
62	100		
98	7.0	8.4	12.6#

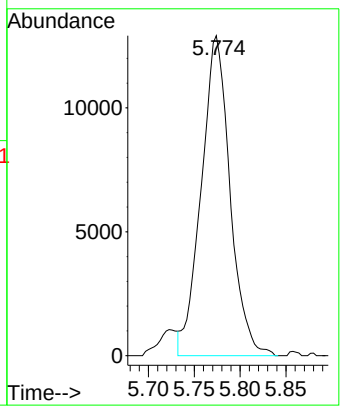


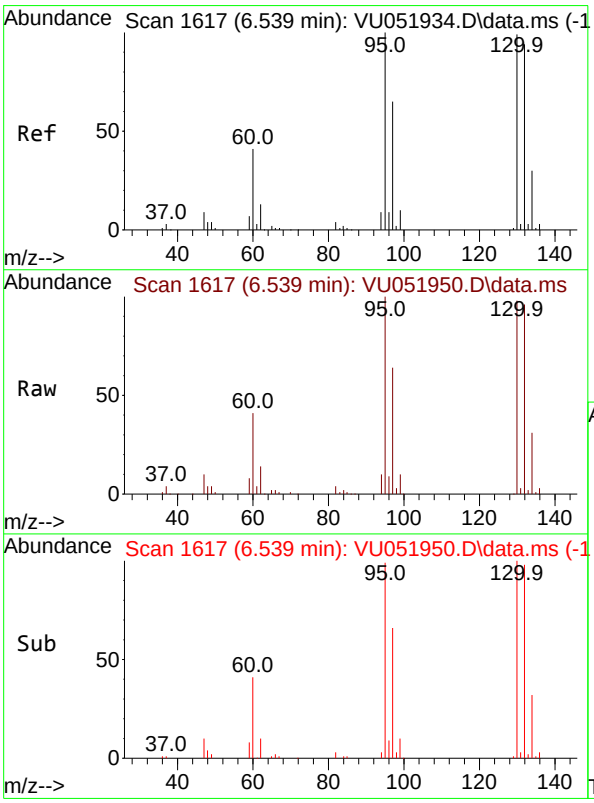


#33
Benzene
Concen: 0.379 ug/L
RT: 5.774 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU051950.D
Acq: 19 Nov 2022 13:00

Instrument :
MSVOA_U
ClientSampleId :
GBN88

Tgt Ion: 78 Resp: 28173





#34
Trichloroethene
Concen: 9.325 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU051950.D
Acq: 19 Nov 2022 13:00

Tgt Ion: 95 Resp: 172803

Ion	Ratio	Lower	Upper
95	100		
97	64.5	43.7	81.1
132	95.8	64.3	119.3
130	97.9	67.3	124.9