Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082923\
Data File : VU054965.D
Acq On : 29 Aug 2023 18:38
Operator : MD/SY
Sample : 04173-17DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AM1DL

Quant Time: Aug 29 22:32:22 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082823WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Aug 29 22:22:50 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	168444	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	165962	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	83470	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	26537	4.992	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 99.800%			
7) Chloroethane-d5	1.908	69	32716	4.763	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.200%			
11) 1,1-Dichloroethene-d2	2.563	65	14927	4.968	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 99.400%			
20) 2-Butanone-d5	4.628	46	174840	60.925	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 121.860%			
24) Chloroform-d	5.059	84	96854	4.911	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.200%			
26) 1,2-Dichloroethane-d4	5.698	65	54607	5.203	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 104.000%			
32) Benzene-d6	5.724	84	173113	4.640	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.800%			
36) 1,2-Dichloropropane-d6	6.689	67	62935	4.797	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.000%			
41) Toluene-d8	7.898	98	152600	4.271	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.400%			
43) trans-1,3-Dichloroprop...	8.181	79	18690	4.329	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 86.600%			
46) 2-Hexanone-d5	8.634	63	114550	55.893	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 111.780%			
56) 1,1,2,2-Tetrachloroeth...	10.756	84	57516	5.112	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.200%			
66) 1,2-Dichlorobenzene-d4	12.193	152	64949	4.873	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.400%			
Target Compounds						Qvalue
5) Vinyl chloride	1.599	62	76427	6.760	ug/L	97
8) Chloroethane	1.930	64	1570	0.211	ug/L	84
16) Methylene chloride	3.043	84	22459	1.922	ug/L	97
18) trans-1,2-Dichloroethene	3.354	96	8263	0.994	ug/L	92
22) cis-1,2-Dichloroethene	4.663	96	93196	9.405	ug/L	94
34) Trichloroethene	6.541	95	7052	0.650	ug/L	88
51) Chlorobenzene	9.444	112	5880	0.208	ug/L	98

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

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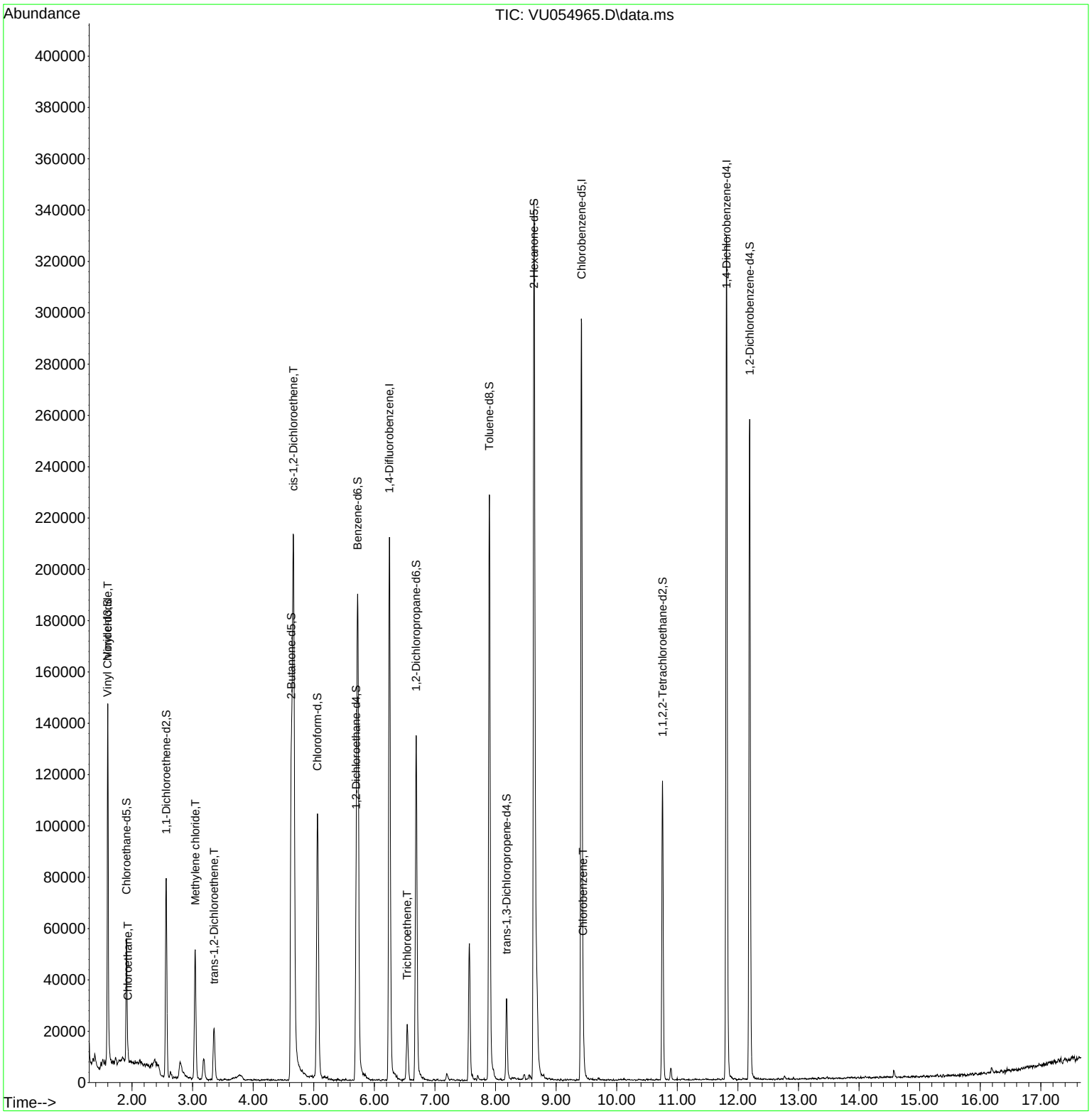
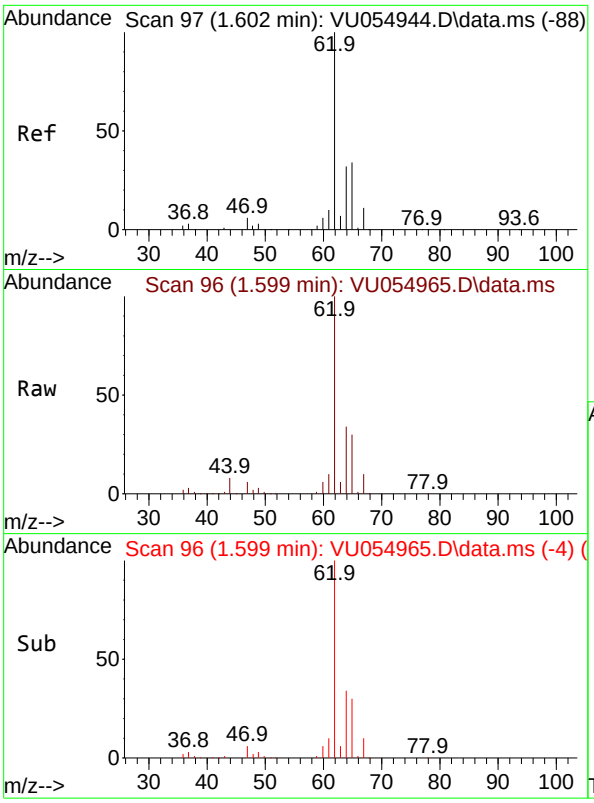


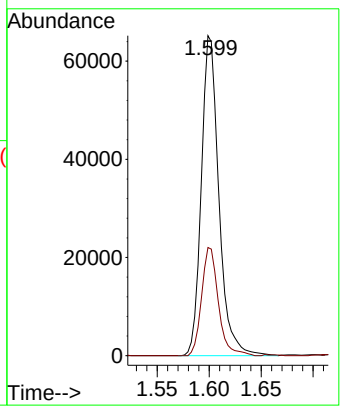


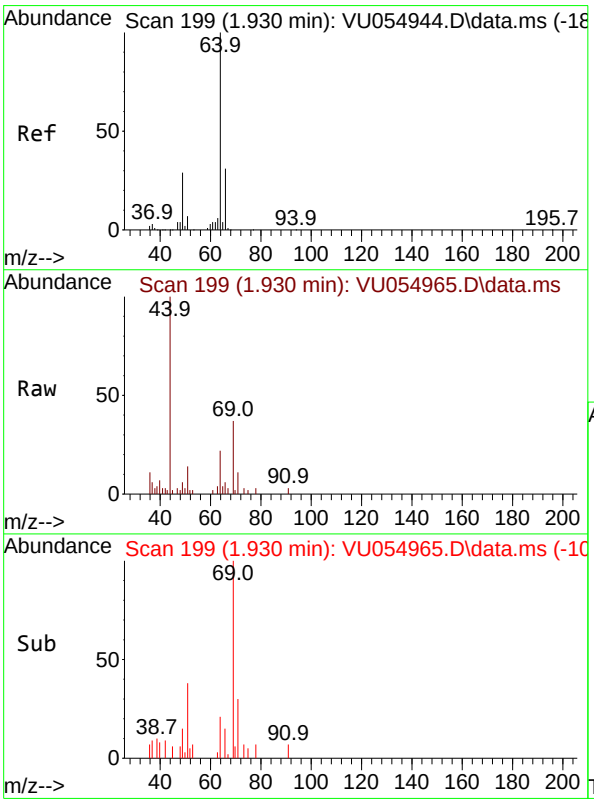
#5
Vinyl chloride
Concen: 6.760 ug/L
RT: 1.599 min Scan# 9
Delta R.T. -0.003 min
Lab File: VU054965.D
Acq: 29 Aug 2023 18:38

Instrument :
MSVOA_U
ClientSampleId :
C0AM1DL

Tgt Ion: 62 Resp: 76427

Ion	Ratio	Lower	Upper
62	100		
64	33.8	22.7	42.1

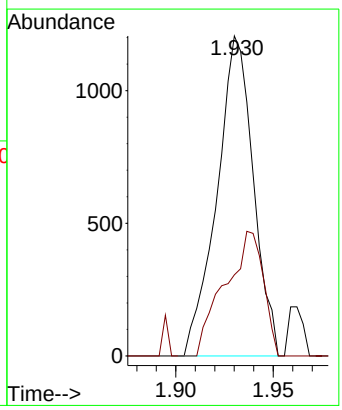


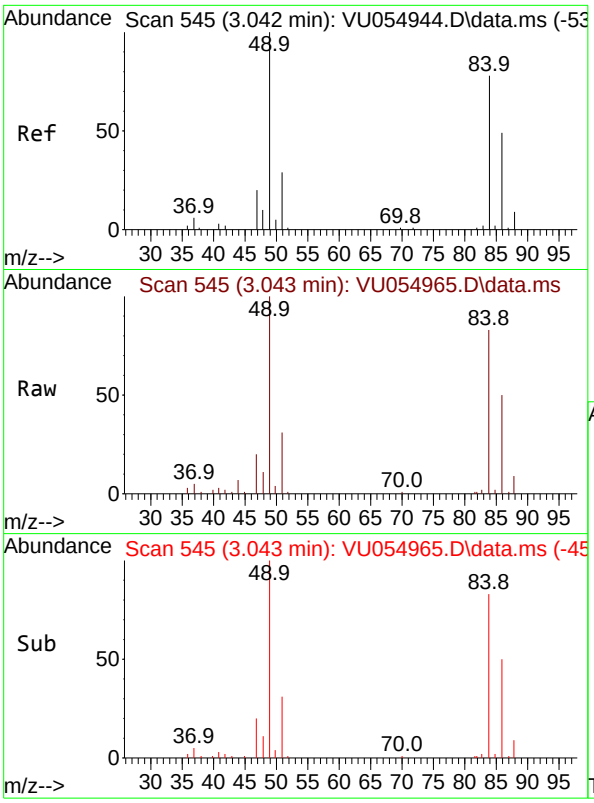


#8
Chloroethane
Concen: 0.211 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU054965.D
Acq: 29 Aug 2023 18:38

Tgt Ion: 64 Resp: 1570

Ion	Ratio	Lower	Upper
64	100		
66	21.7	21.5	39.9



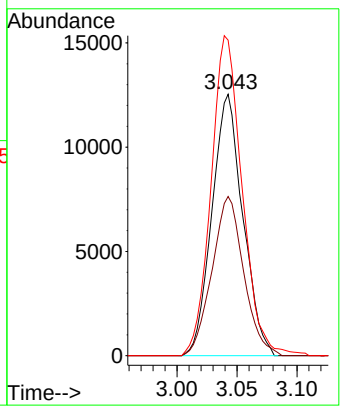


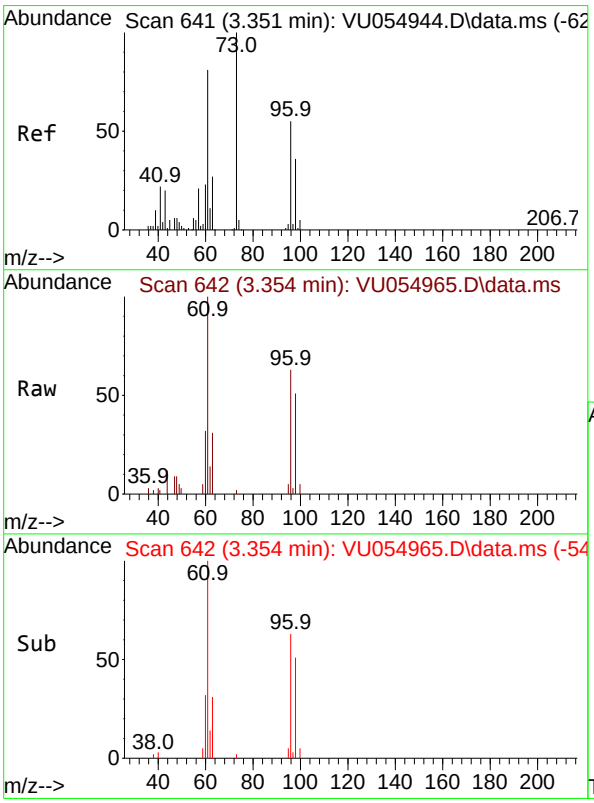
#16
Methylene chloride
Concen: 1.922 ug/L
RT: 3.043 min Scan# 54
Delta R.T. 0.000 min
Lab File: VU054965.D
Acq: 29 Aug 2023 18:38

Instrument :
MSVOA_U
ClientSampleId :
C0AM1DL

Tgt Ion: 84 Resp: 22459

Ion	Ratio	Lower	Upper
84	100		
86	60.9	45.1	83.7
49	126.0	89.5	166.3

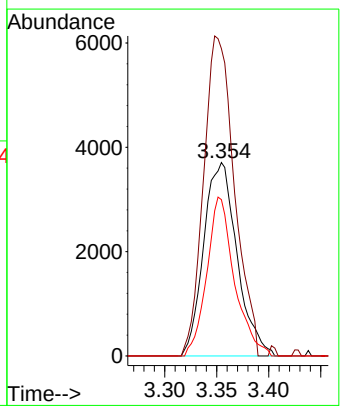


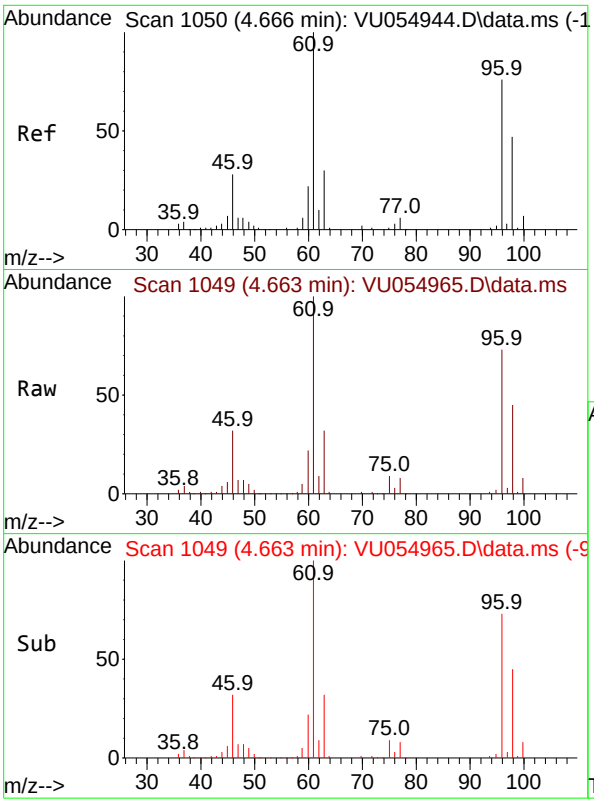


#18
trans-1,2-Dichloroethene
Concen: 0.994 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.003 min
Lab File: VU054965.D
Acq: 29 Aug 2023 18:38

Tgt Ion: 96 Resp: 8263

Ion	Ratio	Lower	Upper
96	100		
61	158.9	108.8	202.0
98	80.8	45.8	85.2



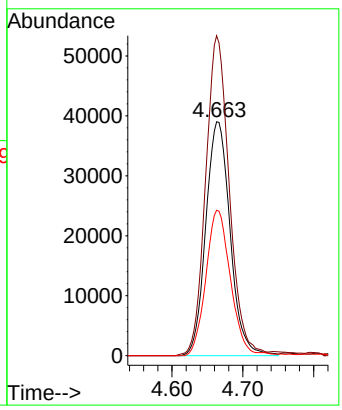


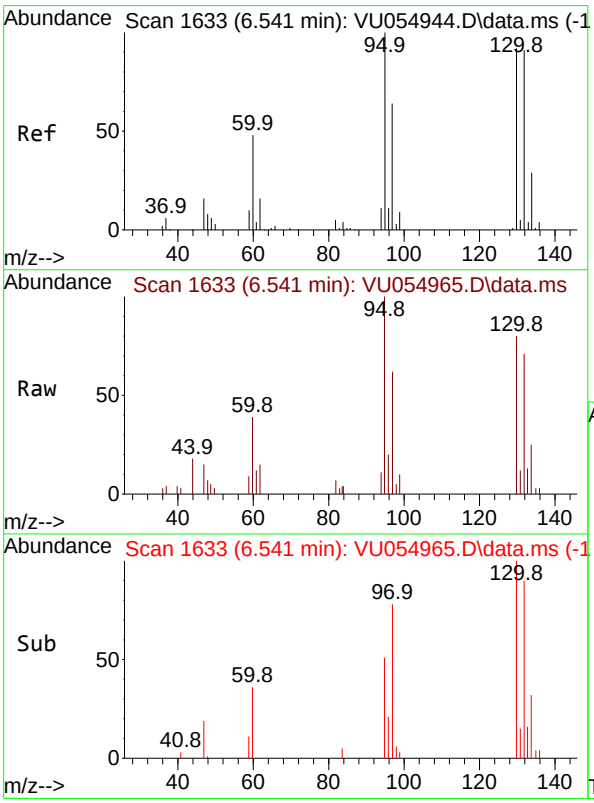
#22
cis-1,2-Dichloroethene
Concen: 9.405 ug/L
RT: 4.663 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU054965.D
Acq: 29 Aug 2023 18:38

Instrument :
MSVOA_U
ClientSampleId :
C0AM1DL

Tgt Ion: 96 Resp: 93196

Ion	Ratio	Lower	Upper
96	100		
61	136.8	88.4	164.2
98	62.2	44.0	81.6

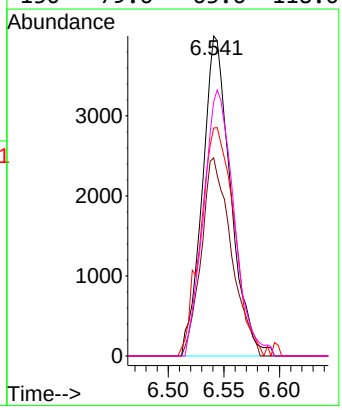


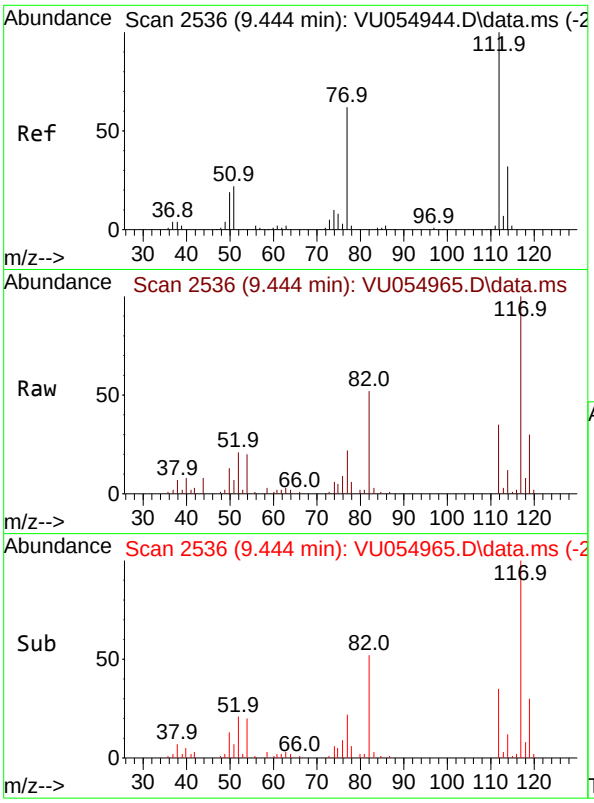


#34
Trichloroethene
Concen: 0.650 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. 0.000 min
Lab File: VU054965.D
Acq: 29 Aug 2023 18:38

Tgt Ion: 95 Resp: 7052

Ion	Ratio	Lower	Upper
95	100		
97	61.9	44.1	81.9
132	71.3	63.6	118.2
130	79.6	63.6	118.0





#51
Chlorobenzene
Concen: 0.208 ug/L
RT: 9.444 min Scan# 2
Delta R.T. 0.000 min
Lab File: VU054965.D
Acq: 29 Aug 2023 18:38

Instrument :
MSVOA_U
ClientSampleId :
C0AM1DL

Tgt Ion:112 Resp: 5880

Ion	Ratio	Lower	Upper
112	100		
114	34.8	23.4	43.4
77	62.8	49.3	73.9