Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071922\
Data File : VU049786.D
Acq On : 19 Jul 2022 15:40
Operator : SY/MD
Sample : N3748-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK001

Quant Time: Jul 20 02:17:39 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM071122WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 19 02:09:49 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	184612	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	172830	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	74217	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	75590	48.528	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 97.060%			
7) Chloroethane-d5	1.899	69	55330	49.142	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 98.280%			
11) 1,1-Dichloroethene-d2	2.562	63	93921	34.136	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 68.280%			
21) 2-Butanone-d5	4.620	46	143030	107.564	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 107.560%			
24) Chloroform-d	5.063	84	134486	48.747	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.500%			
26) 1,2-Dichloroethane-d4	5.700	65	96236	51.540	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.080%			
32) Benzene-d6	5.726	84	259093	49.346	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.700%			
36) 1,2-Dichloropropane-d6	6.690	67	90437	51.209	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 102.420%			
41) Toluene-d8	7.896	98	209433	45.804	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.600%			
43) trans-1,3-Dichloroprop...	8.179	79	34753	46.706	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 93.420%			
47) 2-Hexanone-d5	8.632	63	76367	96.130	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 96.130%			
56) 1,1,2,2-Tetrachloroeth...	10.754	84	123940	50.156	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 100.320%			
66) 1,2-Dichlorobenzene-d4	12.192	152	69993	50.019	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.040%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	643	0.452	ug/L #	20
12) 1,1-Dichloroethene	2.562	96	704	0.533	ug/L #	1
16) Methylene chloride	3.044	84	2322	1.397	ug/L	92
35) Methylcyclohexane	6.690	83	19940	8.081	ug/L #	17
37) 1,2-Dichloropropane	6.690	63	10577	5.874	ug/L #	89
39) cis-1,3-Dichloropropene	7.565	75	2456	1.011	ug/L #	59
44) trans-1,3-Dichloropropene	8.182	75	1749	0.767	ug/L #	79
60) 1,2,3-Trichloropropane	11.809	75	9989	5.053	ug/L #	68

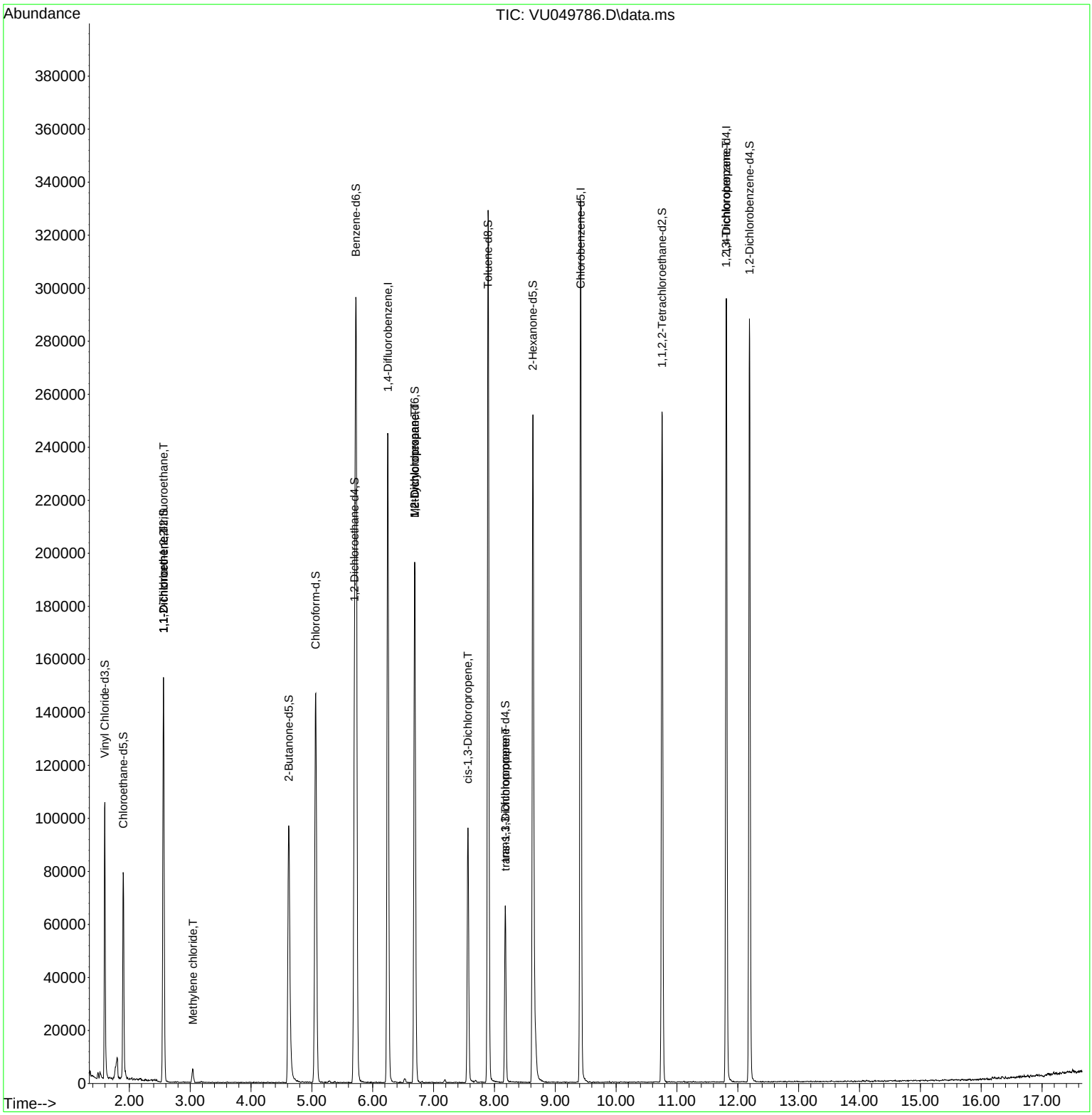
(#) = qualifier out of range (m) = manual integration (+) = signals summed

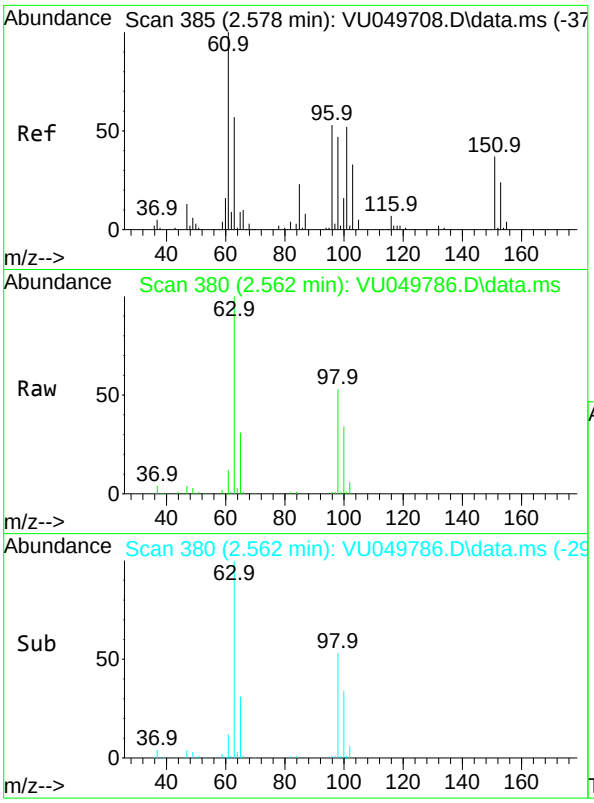
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071922\
Data File : VU049786.D
Acq On : 19 Jul 2022 15:40
Operator : SY/MD
Sample : N3748-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK001

Quant Time: Jul 20 02:17:39 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM071122WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 19 02:09:49 2022
Response via : Initial Calibration



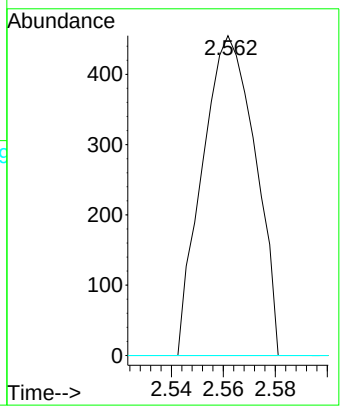


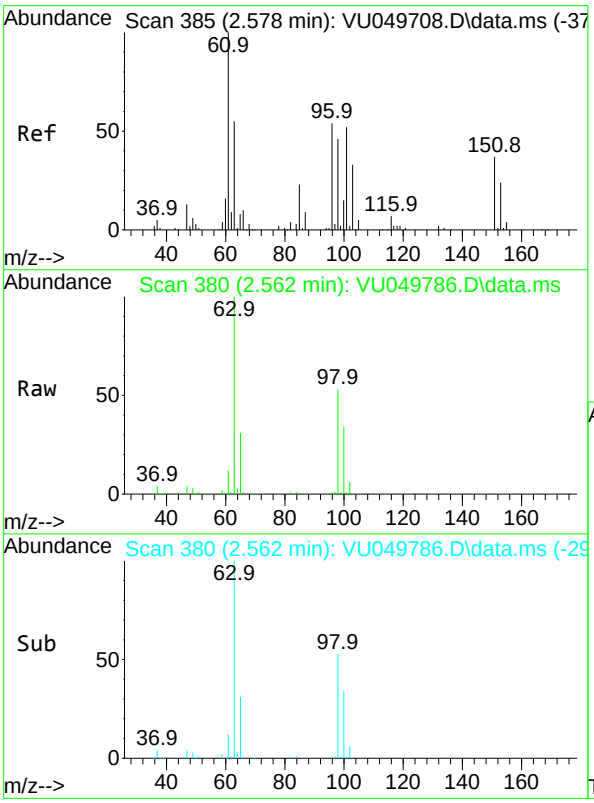
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.452 ug/L
RT: 2.562 min Scan# 3
Delta R.T. -0.013 min
Lab File: VU049786.D
Acq: 19 Jul 2022 15:40

Instrument :
MSVOA_U
ClientSampleId :
VHBLK001

Tgt Ion:101 Resp: 643

Ion	Ratio	Lower	Upper
101	100		
85	0.0	37.3	55.9#
151	0.0	56.9	85.3#

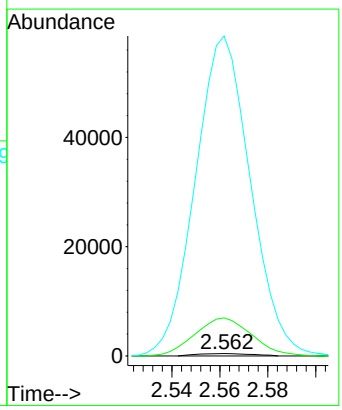


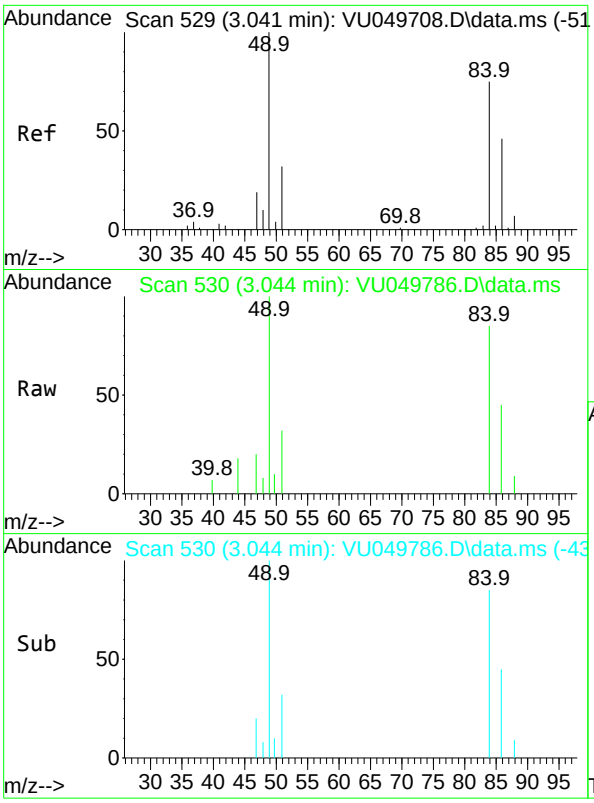


#12
1,1-Dichloroethene
Concen: 0.533 ug/L
RT: 2.562 min Scan# 380
Delta R.T. -0.013 min
Lab File: VU049786.D
Acq: 19 Jul 2022 15:40

Tgt Ion: 96 Resp: 704

Ion	Ratio	Lower	Upper
96	100		
61	1576.9	129.6	240.6#
63	13254.3	79.0	146.6#



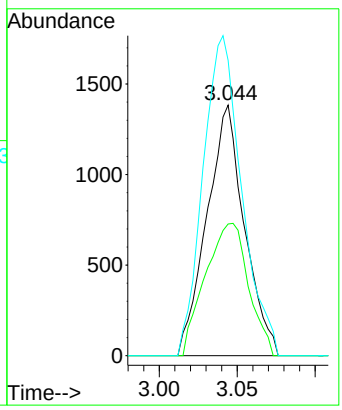


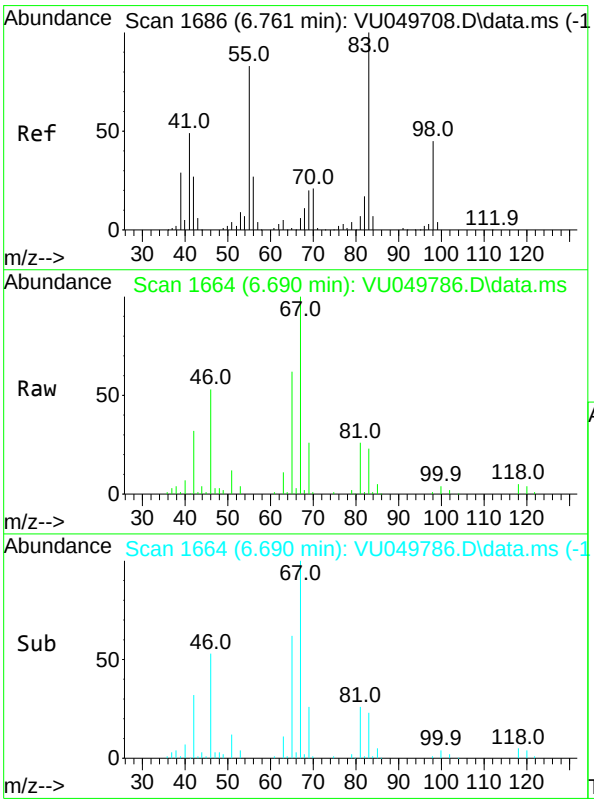
#16
Methylene chloride
Concen: 1.397 ug/L
RT: 3.044 min Scan# 5
Delta R.T. 0.003 min
Lab File: VU049786.D
Acq: 19 Jul 2022 15:40

Instrument :
MSVOA_U
ClientSampleId :
VHBLK001

Tgt Ion: 84 Resp: 2322

Ion	Ratio	Lower	Upper
84	100		
86	52.5	45.6	84.6
49	129.3	94.4	175.4

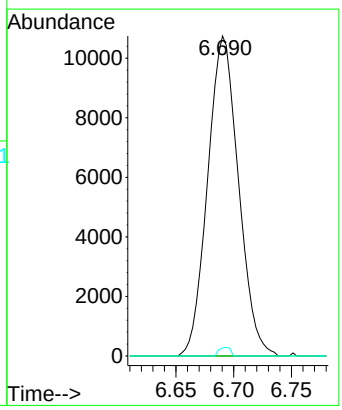


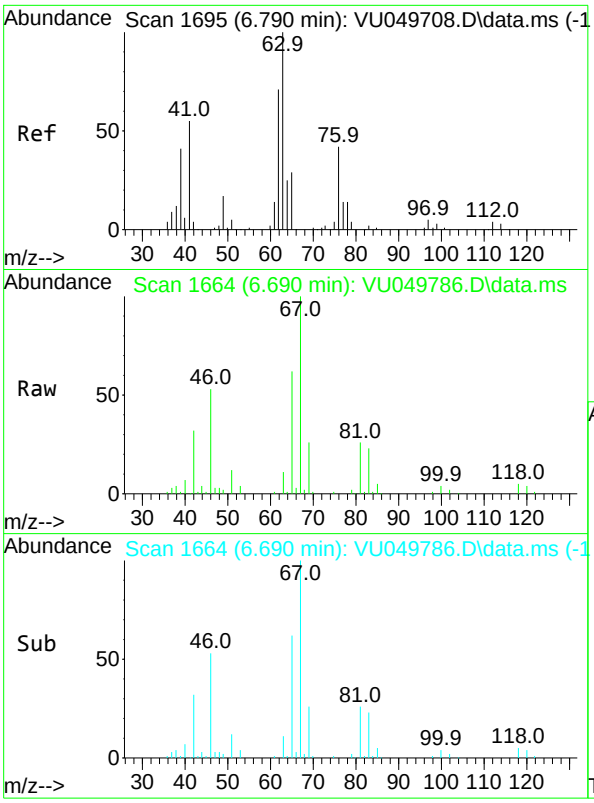


#35
Methylcyclohexane
Concen: 8.081 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.071 min
Lab File: VU049786.D
Acq: 19 Jul 2022 15:40

Tgt Ion: 83 Resp: 19940

Ion	Ratio	Lower	Upper
83	100		
55	0.0	66.0	99.0#
98	1.0	34.6	51.8#



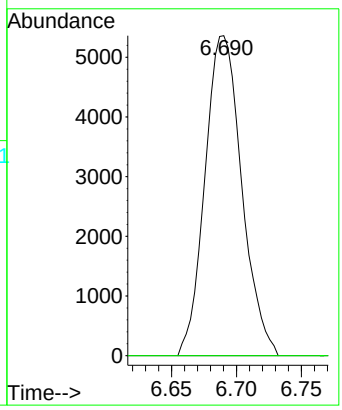


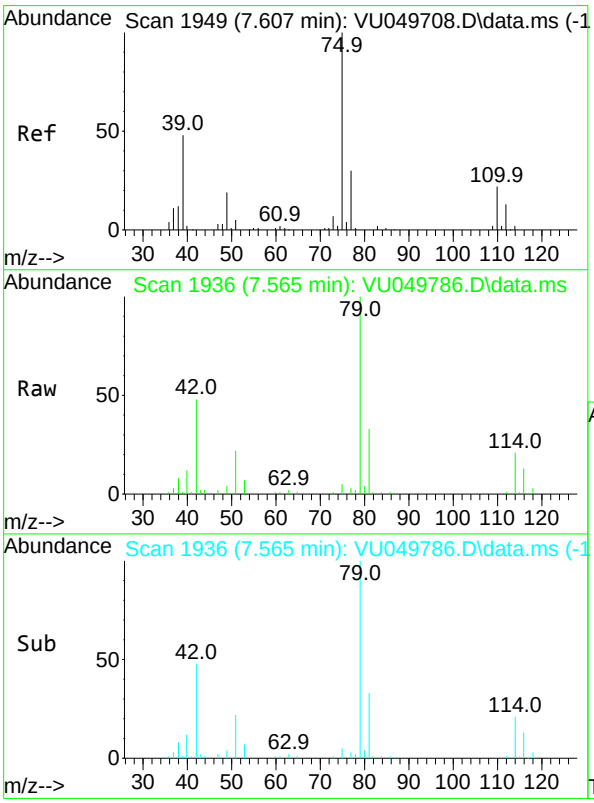
#37
1,2-Dichloropropane
Concen: 5.874 ug/L
RT: 6.690 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU049786.D
Acq: 19 Jul 2022 15:40

Instrument :
MSVOA_U
ClientSampleId :
VHBLK001

Tgt Ion: 63 Resp: 10577

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.8	4.2#

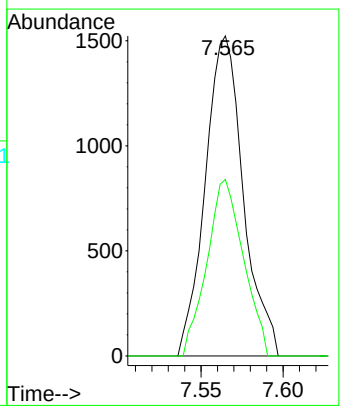


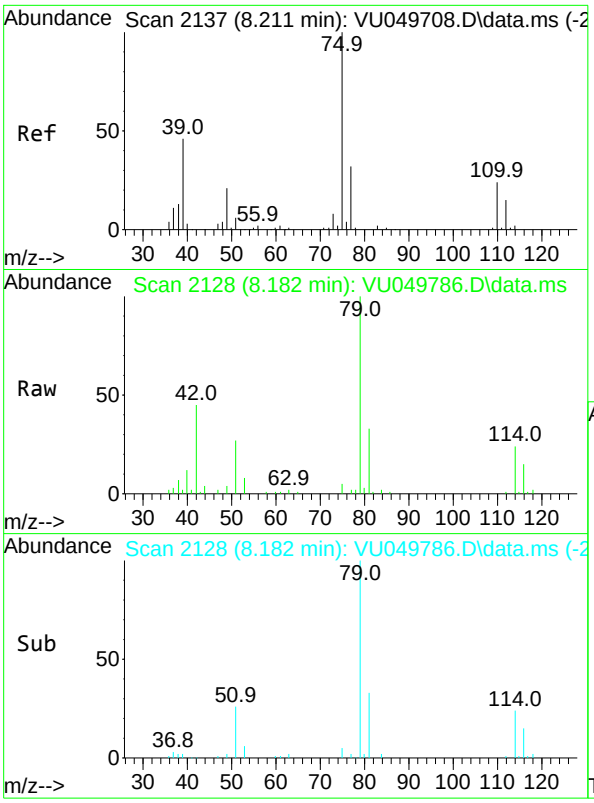


#39
cis-1,3-Dichloropropene
Concen: 1.011 ug/L
RT: 7.565 min Scan# 1936
Delta R.T. -0.042 min
Lab File: VU049786.D
Acq: 19 Jul 2022 15:40

Tgt Ion: 75 Resp: 2456

Ion	Ratio	Lower	Upper
75	100		
77	55.2	22.6	42.0#



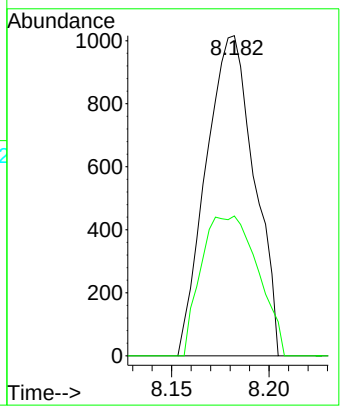


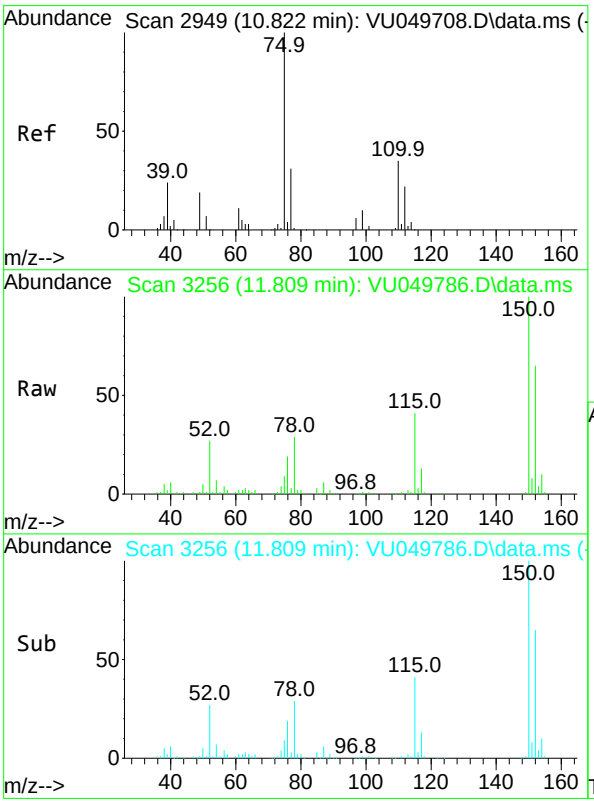
#44
trans-1,3-Dichloropropene
Concen: 0.767 ug/L
RT: 8.182 min Scan# 2
Delta R.T. -0.026 min
Lab File: VU049786.D
Acq: 19 Jul 2022 15:40

Instrument :
MSVOA_U
ClientSampleId :
VHBLK001

Tgt Ion: 75 Resp: 1749

Ion	Ratio	Lower	Upper
75	100		
77	43.7	22.5	41.9#





#60
1,2,3-Trichloropropane
Concen: 5.053 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.987 min
Lab File: VU049786.D
Acq: 19 Jul 2022 15:40

Tgt Ion: 75 Resp: 9989

Ion	Ratio	Lower	Upper
75	100		
77	32.7	25.5	38.3
110	1.4	28.9	43.3#