Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120621\
Data File : VU046107.D
Acq On : 06 Dec 2021 13:27
Operator : SY/MD
Sample : M4942-06
Misc : 5.48g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Dec 06 14:19:15 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 03 05:08:36 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	222076	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	216335	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	110736	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	71620	39.151	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 78.300%			
7) Chloroethane-d5	1.916	69	45363	32.297	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 64.600%#			
11) 1,1-Dichloroethene-d2	2.543	63	98654	30.041	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery = 60.080%			
21) 2-Butanone-d5	4.652	46	116192	79.899	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 79.900%			
24) Chloroform-d	5.063	84	120425	39.420	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 78.840%			
26) 1,2-Dichloroethane-d4	5.703	65	92308	45.024	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.040%			
32) Benzene-d6	5.723	84	301586	48.639	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.280%			
36) 1,2-Dichloropropane-d6	6.690	67	92640	48.208	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 96.420%			
41) Toluene-d8	7.899	98	281989	49.949	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.900%			
43) trans-1,3-Dichloroprop...	8.182	79	47131	50.807	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 101.620%			
47) 2-Hexanone-d5	8.681	63	90100	98.888	ug/L	0.04
Spiked Amount 100.000	Range 45 - 130		Recovery = 98.890%			
56) 1,1,2,2-Tetrachloroeth...	10.771	84	129110	44.303	ug/L	0.01
Spiked Amount 50.000	Range 65 - 120		Recovery = 88.600%			
66) 1,2-Dichlorobenzene-d4	12.201	152	107054	50.199	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.400%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.539	101	1012	0.626	ug/L #	21
12) 1,1-Dichloroethene	2.546	96	787	0.513	ug/L #	1
25) Chloroform	5.089	83	19896	6.061	ug/L	100
35) Methylcyclohexane	6.690	83	22747	8.505	ug/L #	20
37) 1,2-Dichloropropane	6.694	63	9739	5.678	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	2750	1.054	ug/L #	67
44) trans-1,3-Dichloropropene	8.182	75	1804	0.704	ug/L #	70
53) m,p-Xylene	9.700	106	3063	1.039	ug/L	92
60) 1,2,3-Trichloropropane	11.819	75	12892	5.311	ug/L #	66

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

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ClientSampleId :

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Quant Title : VOC Analysis
QLast Update : Fri Dec 03 05:08:36 2021
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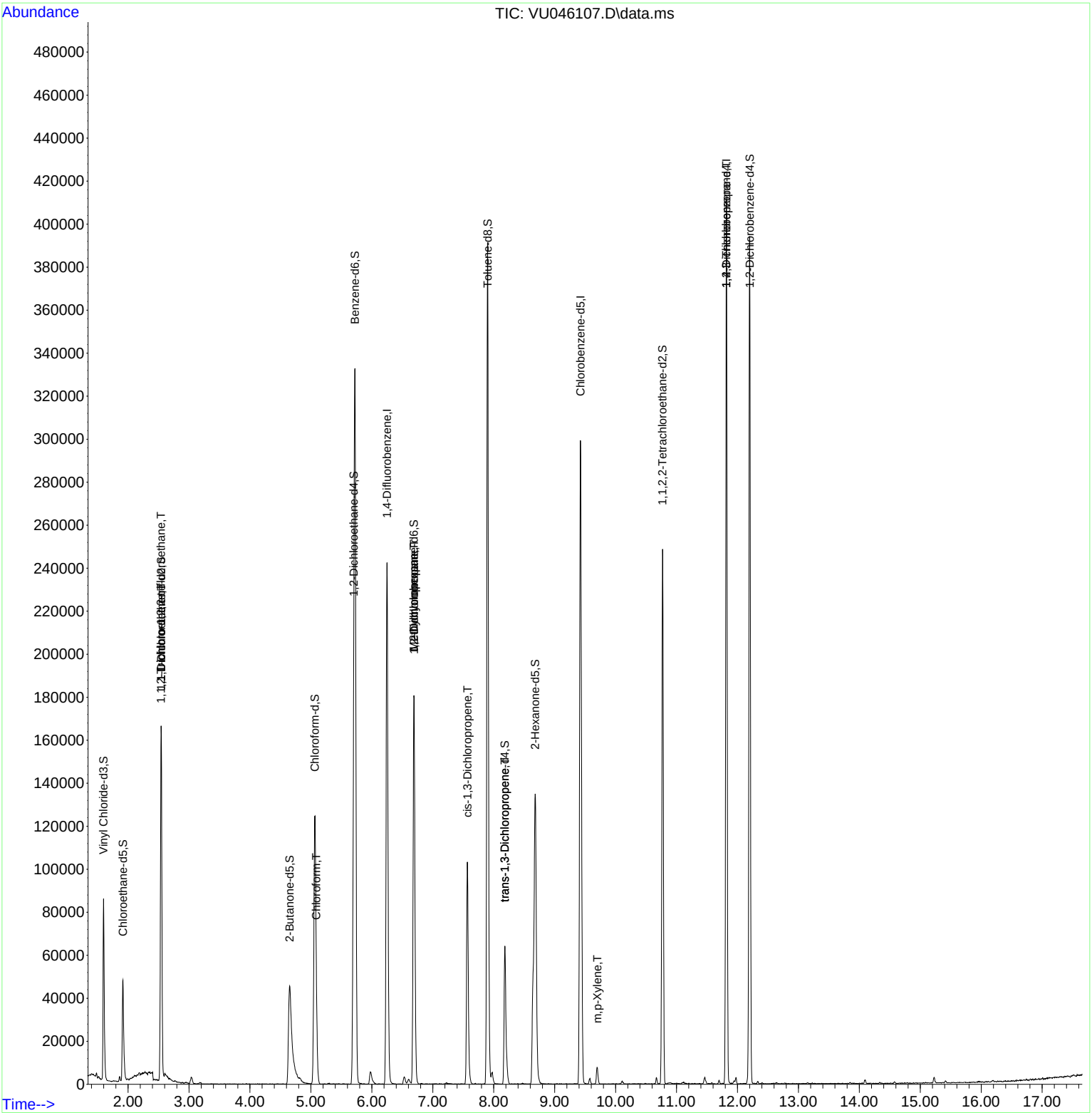
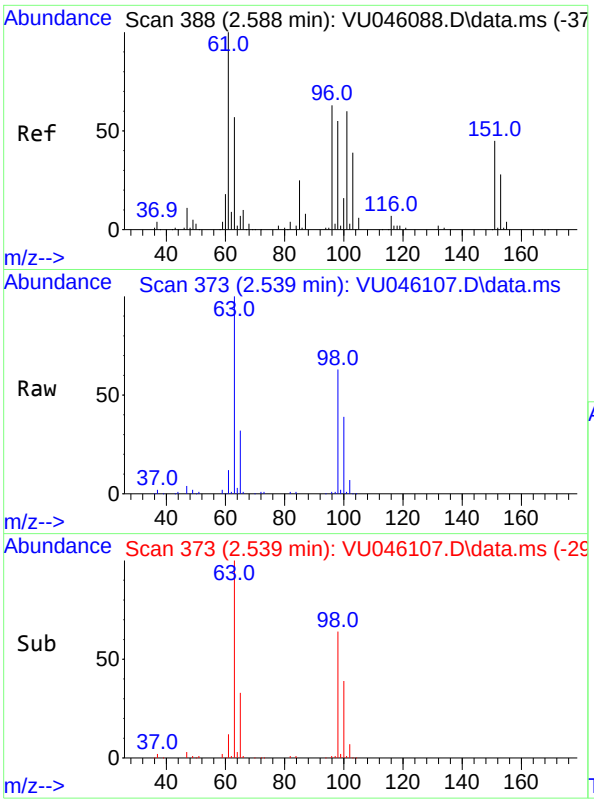


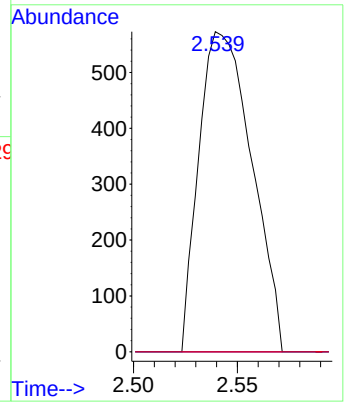


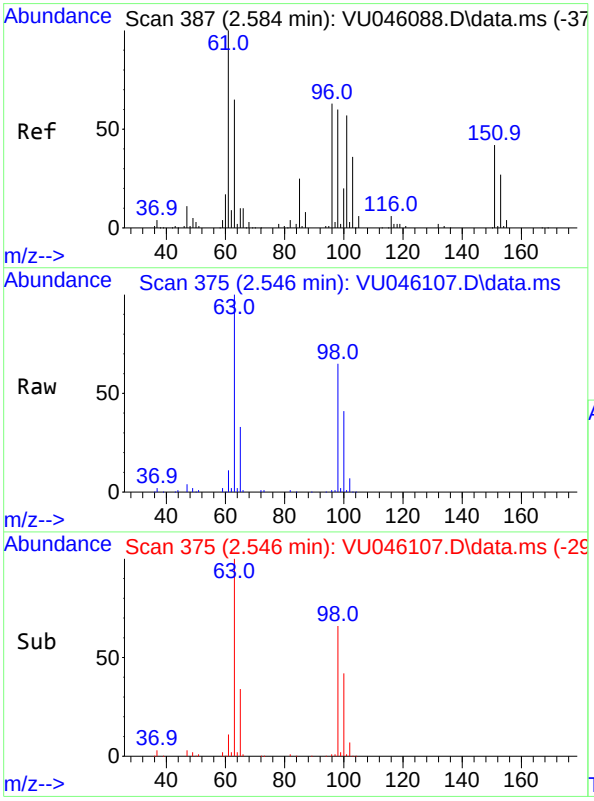
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.626 ug/L
RT: 2.539 min Scan# 3
Delta R.T. -0.048 min
Lab File: VU046107.D
Acq: 06 Dec 2021 13:27

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:101 Resp: 1012

Ion	Ratio	Lower	Upper
101	100		
85	0.0	35.1	52.7#
151	0.0	56.7	85.1#

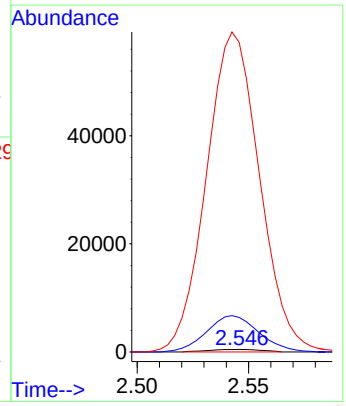


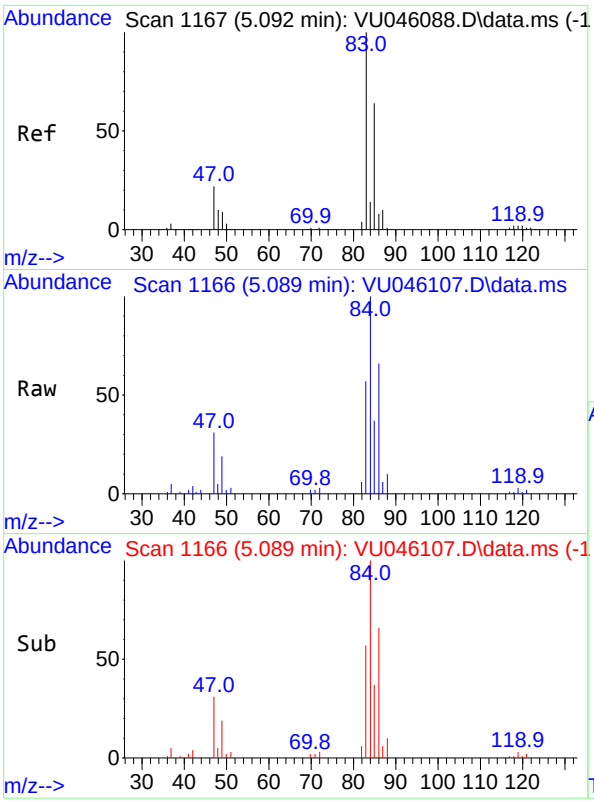


#12
1,1-Dichloroethene
Concen: 0.513 ug/L
RT: 2.546 min Scan# 375
Delta R.T. -0.039 min
Lab File: VU046107.D
Acq: 06 Dec 2021 13:27

Tgt Ion: 96 Resp: 787

Ion	Ratio	Lower	Upper
96	100		
61	1367.5	118.6	220.2#
63	12242.7	93.0	172.8#



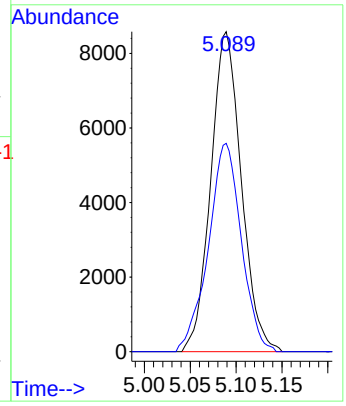


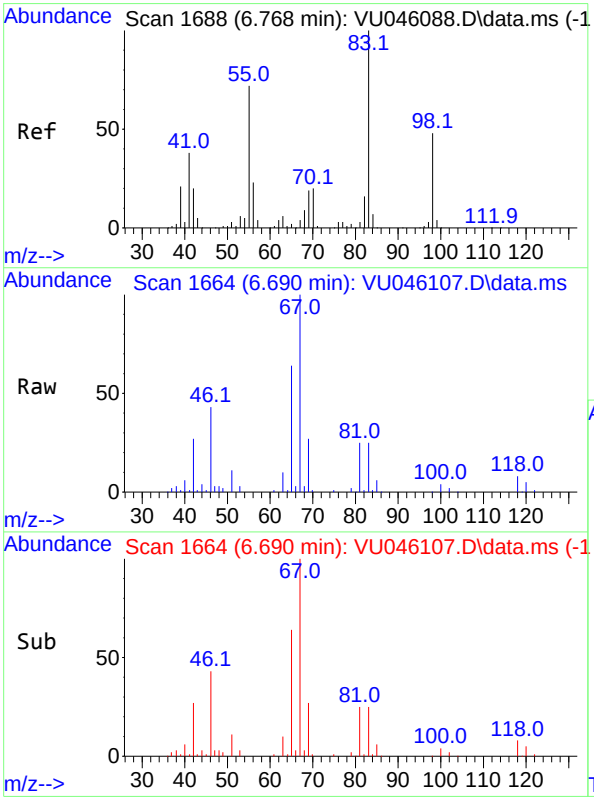
#25
Chloroform
Concen: 6.061 ug/L
RT: 5.089 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU046107.D
Acq: 06 Dec 2021 13:27

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 19896

Ion	Ratio	Lower	Upper
83	100		
85	65.1	45.8	85.2

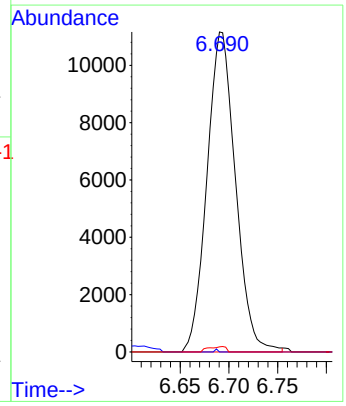


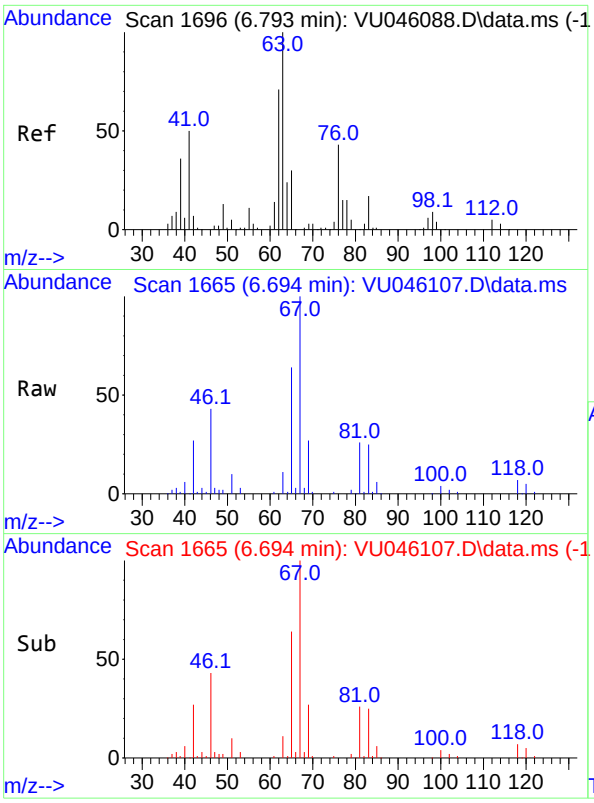


#35
Methylcyclohexane
Concen: 8.505 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.077 min
Lab File: VU046107.D
Acq: 06 Dec 2021 13:27

Tgt Ion: 83 Resp: 22747

Ion	Ratio	Lower	Upper
83	100		
55	0.0	57.8	86.6#
98	0.6	38.4	57.6#



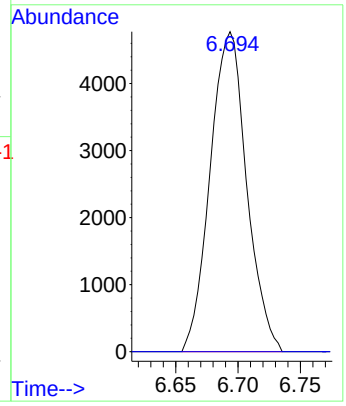


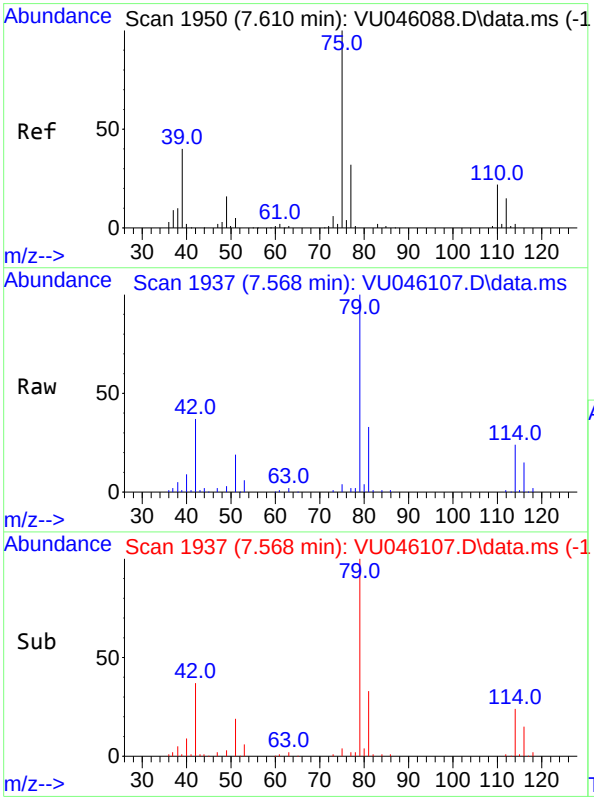
#37
1,2-Dichloropropane
Concen: 5.678 ug/L
RT: 6.694 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU046107.D
Acq: 06 Dec 2021 13:27

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 9739

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.6#

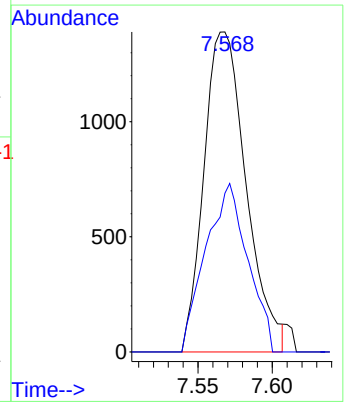


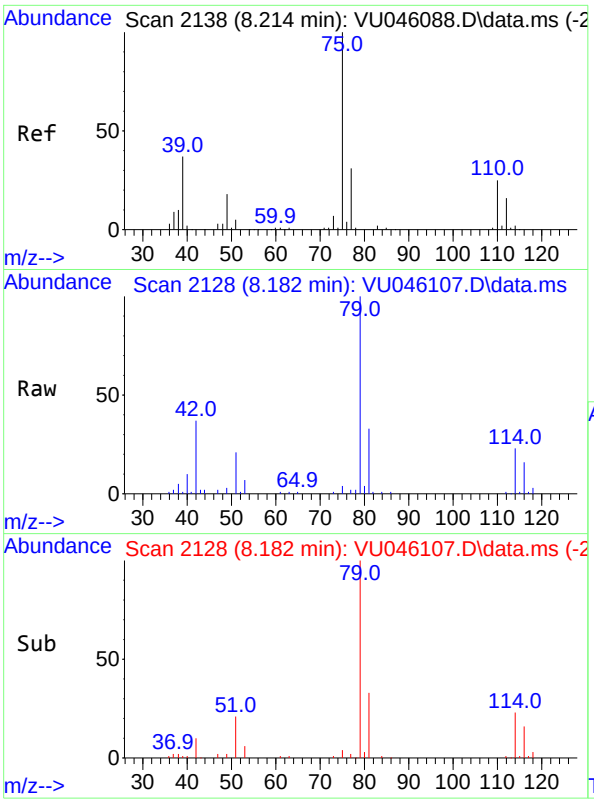


#39
cis-1,3-Dichloropropene
Concen: 1.054 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.042 min
Lab File: VU046107.D
Acq: 06 Dec 2021 13:27

Tgt Ion: 75 Resp: 2750

Ion	Ratio	Lower	Upper
75	100		
77	49.6	21.8	40.6#



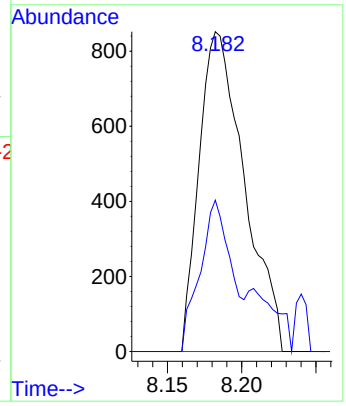


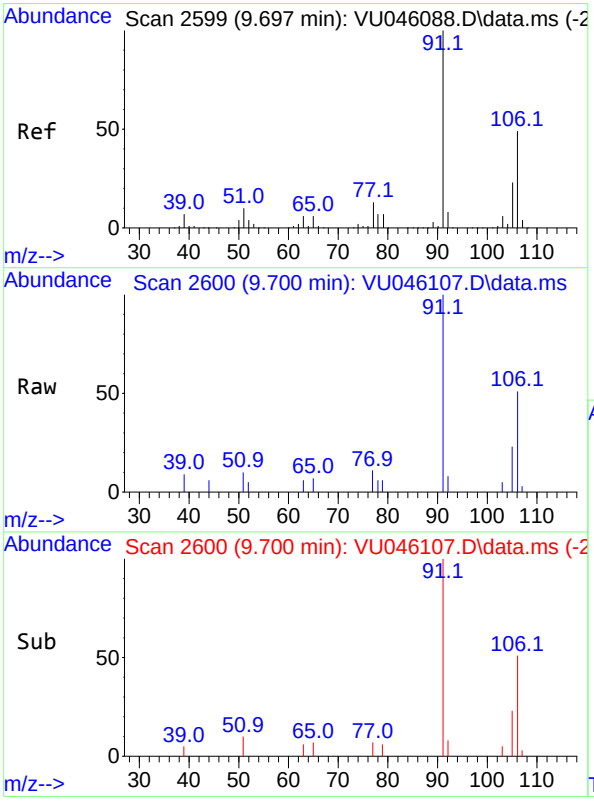
#44
trans-1,3-Dichloropropene
Concen: 0.704 ug/L
RT: 8.182 min Scan# 21
Delta R.T. -0.032 min
Lab File: VU046107.D
Acq: 06 Dec 2021 13:27

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 1804

Ion	Ratio	Lower	Upper
75	100		
77	47.3	21.7	40.3#

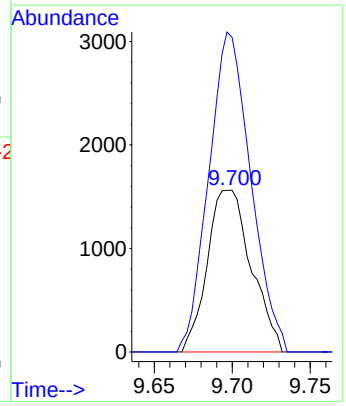


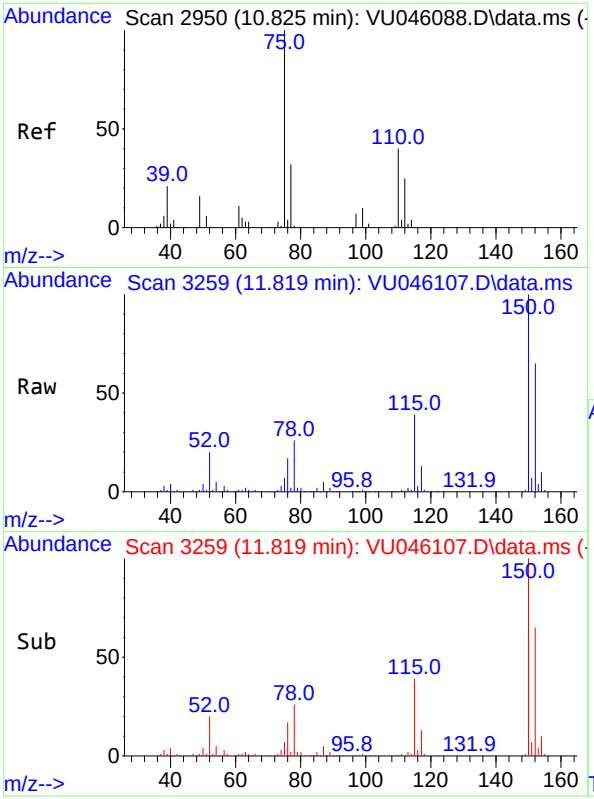


#53
m,p-Xylene
Concen: 1.039 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. 0.003 min
Lab File: VU046107.D
Acq: 06 Dec 2021 13:27

Tgt Ion:106 Resp: 3063

Ion	Ratio	Lower	Upper
106	100		
91	194.4	144.3	268.1





#60
1,2,3-Trichloropropane
Concen: 5.311 ug/L
RT: 11.819 min Scan# 3
Delta R.T. 0.993 min
Lab File: VU046107.D
Acq: 06 Dec 2021 13:27

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 12892

Ion	Ratio	Lower	Upper
75	100		
77	33.0	26.4	39.6
110	1.7	32.4	48.6#