Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092922\
Data File : VU051005.D
Acq On : 30 Sep 2022 01:55
Operator : JC/MD
Sample : N4859-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Sep 30 05:52:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 30 02:29:24 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	356607	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	359207	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	123077	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	156883	43.410	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 86.820%			
7) Chloroethane-d5	1.906	69	160327	47.757	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 95.520%			
11) 1,1-Dichloroethene-d2	2.565	63	194246	36.386	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 72.780%			
21) 2-Butanone-d5	4.623	46	236735	100.996	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 101.000%			
24) Chloroform-d	5.060	84	284773	48.908	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.820%			
26) 1,2-Dichloroethane-d4	5.700	65	184205	51.111	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.220%			
32) Benzene-d6	5.726	84	553510	52.620	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.240%			
36) 1,2-Dichloropropane-d6	6.690	67	183192	53.670	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 107.340%			
41) Toluene-d8	7.896	98	449029	46.203	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.400%			
43) trans-1,3-Dichloroprop...	8.179	79	72783	44.706	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 89.420%			
47) 2-Hexanone-d5	8.632	63	121816	88.385	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 88.390%			
56) 1,1,2,2-Tetrachloroeth...	10.755	84	268715	45.046	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 90.100%			
66) 1,2-Dichlorobenzene-d4	12.192	152	141553	53.837	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 107.680%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.559	101	963	0.354	ug/L #	20
12) 1,1-Dichloroethene	2.562	96	1610	0.633	ug/L #	1
13) Acetone	2.633	43	10250	5.476	ug/L	97
25) Chloroform	5.089	83	78713	14.081	ug/L	99
38) Bromodichloromethane	7.105	83	6472	1.644	ug/L #	95
39) cis-1,3-Dichloropropene	7.562	75	4686	1.122	ug/L #	63
44) trans-1,3-Dichloropropene	8.179	75	3069	0.727	ug/L	89
53) m,p-Xylene	9.694	106	4585	0.981	ug/L	71
60) 1,2,3-Trichloropropane	11.809	75	14685	4.534	ug/L #	68

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

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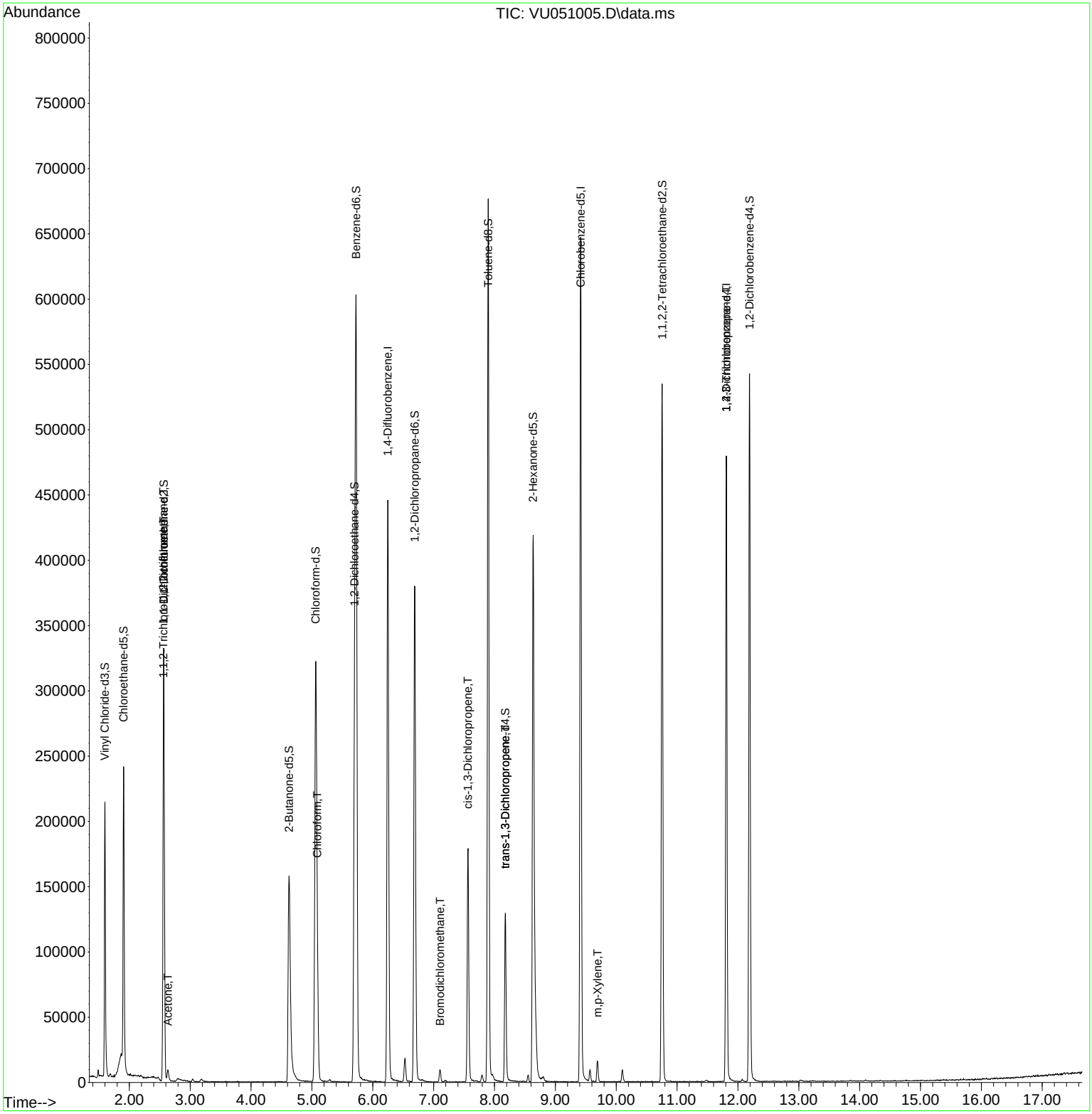
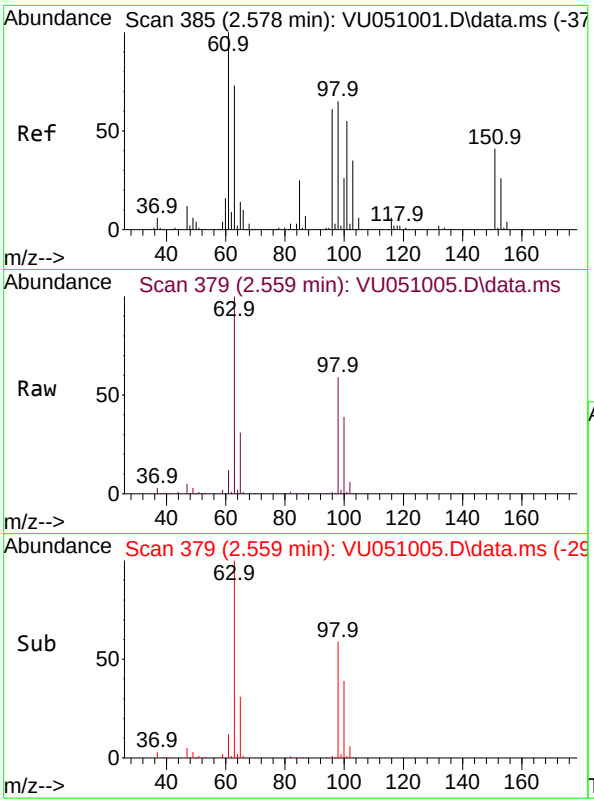
ClientSampleId :

Quant Time: Sep 30 05:52:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 30 02:29:24 2022
Response via : Initial Calibration



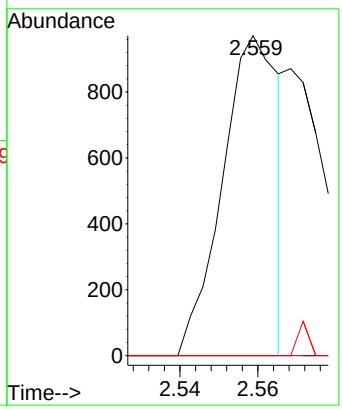


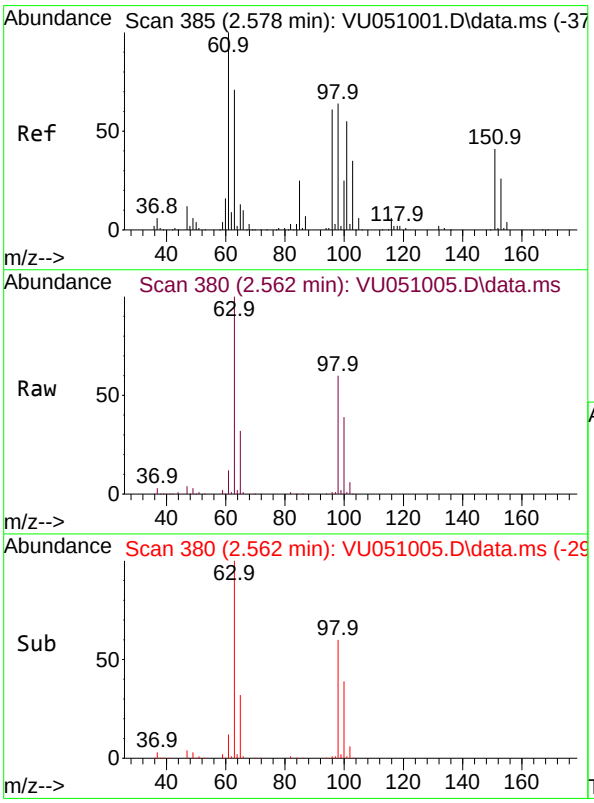
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.354 ug/L
RT: 2.559 min Scan# 3
Delta R.T. -0.019 min
Lab File: VU051005.D
Acq: 30 Sep 2022 01:55

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:101 Resp: 963

Ion	Ratio	Lower	Upper
101	100		
85	0.0	34.6	52.0#
151	0.0	58.6	87.8#

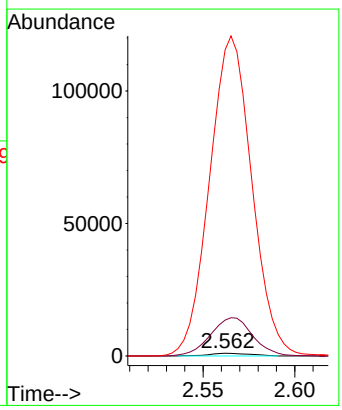


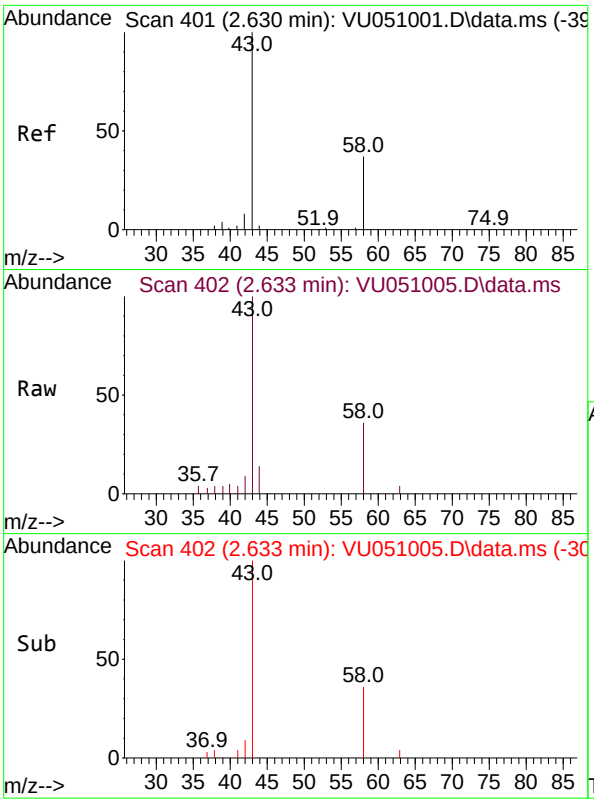


#12
1,1-Dichloroethene
Concen: 0.633 ug/L
RT: 2.562 min Scan# 380
Delta R.T. -0.016 min
Lab File: VU051005.D
Acq: 30 Sep 2022 01:55

Tgt Ion: 96 Resp: 1610

Ion	Ratio	Lower	Upper
96	100		
61	1321.6	113.0	209.9#
63	11286.8	91.7	170.3#



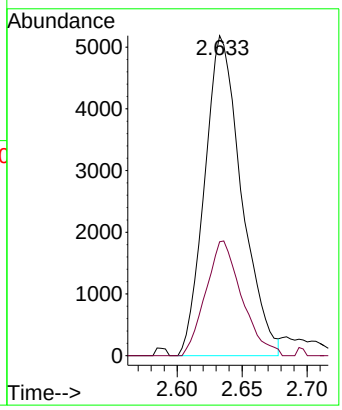


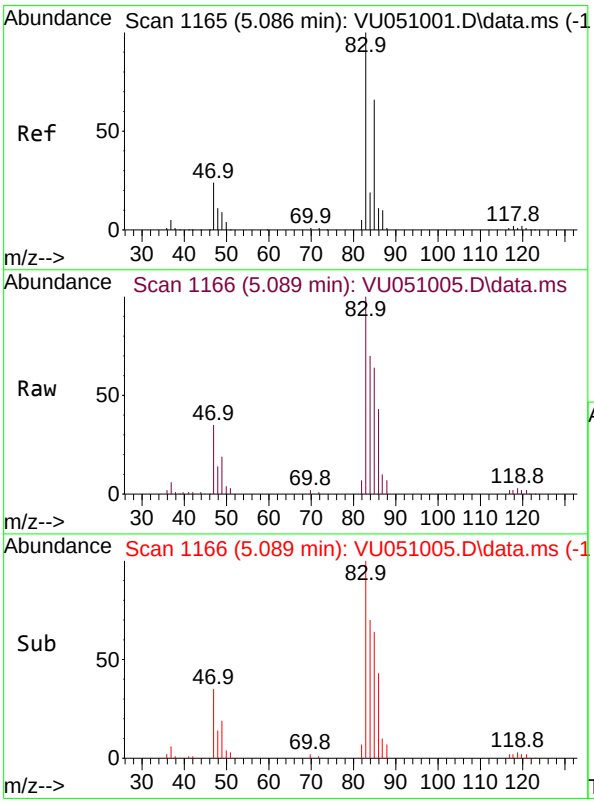
#13
Acetone
Concen: 5.476 ug/L
RT: 2.633 min Scan# 4(
Delta R.T. 0.003 min
Lab File: VU051005.D
Acq: 30 Sep 2022 01:55

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 10250

Ion	Ratio	Lower	Upper
43	100		
58	35.0	0.0	73.6

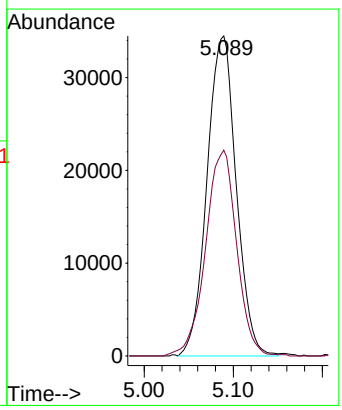


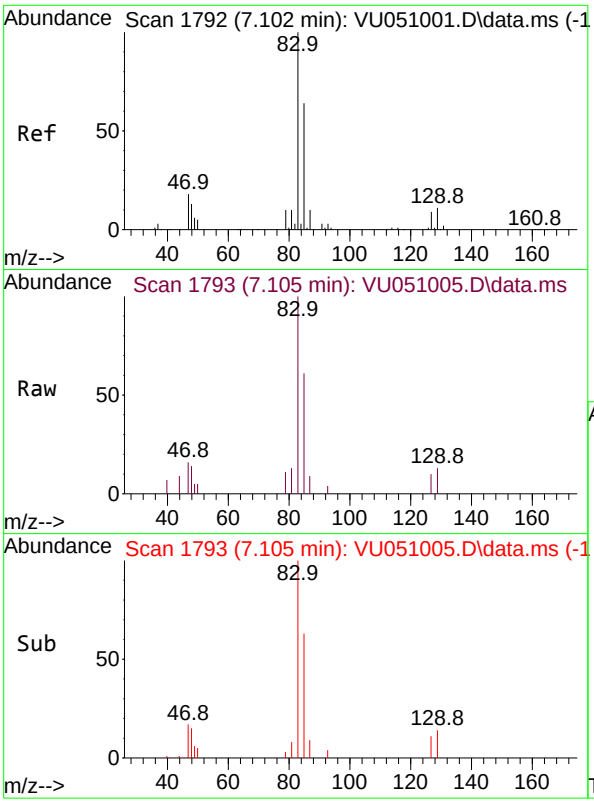


#25
Chloroform
Concen: 14.081 ug/L
RT: 5.089 min Scan# 1166
Delta R.T. 0.003 min
Lab File: VU051005.D
Acq: 30 Sep 2022 01:55

Tgt Ion: 83 Resp: 78713

Ion	Ratio	Lower	Upper
83	100		
85	64.3	45.7	84.9



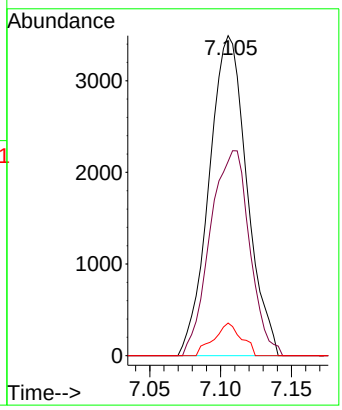


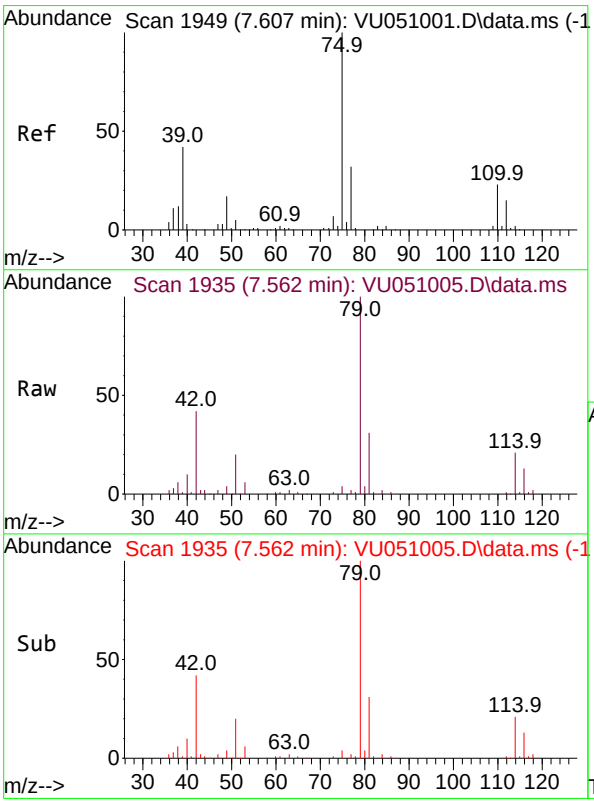
#38
Bromodichloromethane
Concen: 1.644 ug/L
RT: 7.105 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU051005.D
Acq: 30 Sep 2022 01:55

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 6472

Ion	Ratio	Lower	Upper
83	100		
85	60.7	45.1	83.7
127	10.2	6.7	10.1#

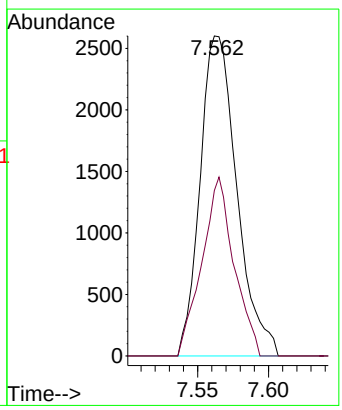


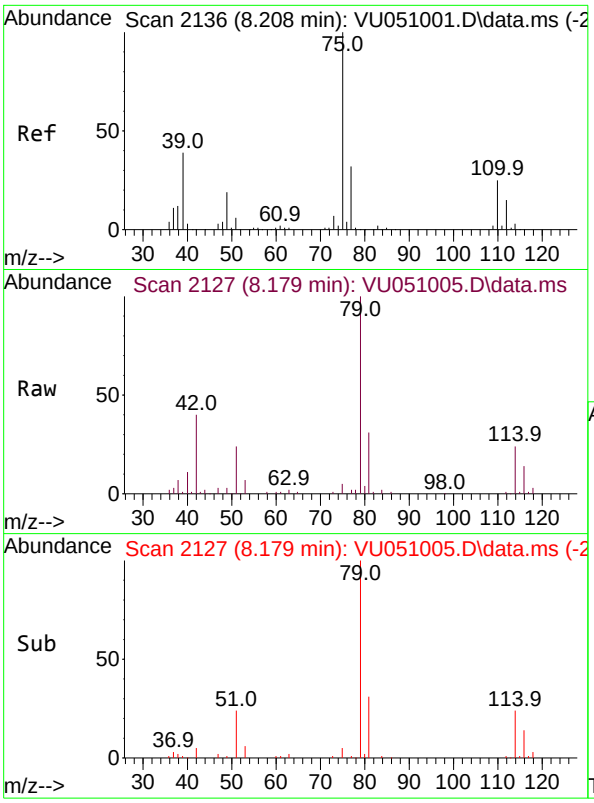


#39
cis-1,3-Dichloropropene
Concen: 1.122 ug/L
RT: 7.562 min Scan# 1935
Delta R.T. -0.045 min
Lab File: VU051005.D
Acq: 30 Sep 2022 01:55

Tgt Ion: 75 Resp: 4686

Ion	Ratio	Lower	Upper
75	100		
77	51.7	22.0	41.0#



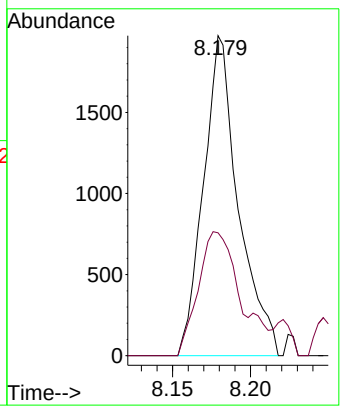


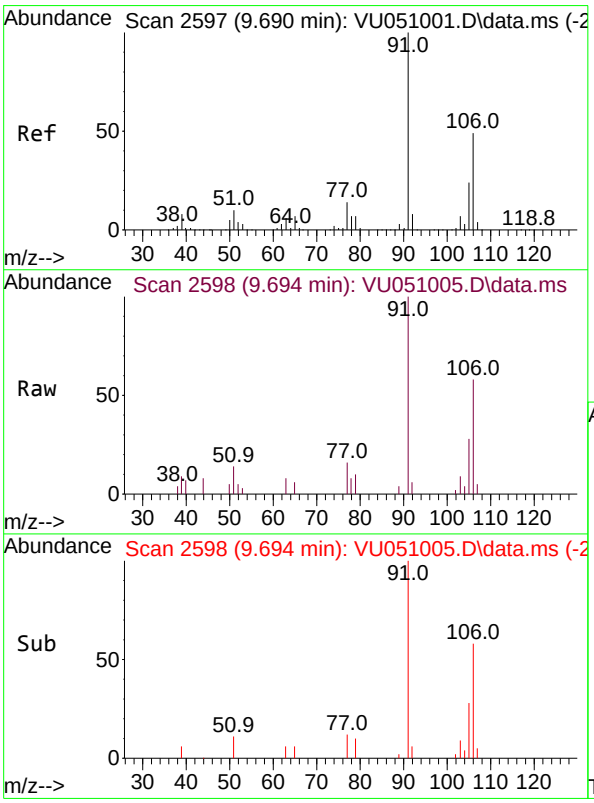
#44
trans-1,3-Dichloropropene
Concen: 0.727 ug/L
RT: 8.179 min Scan# 21
Delta R.T. -0.029 min
Lab File: VU051005.D
Acq: 30 Sep 2022 01:55

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 3069

Ion	Ratio	Lower	Upper
75	100		
77	38.4	22.7	42.3

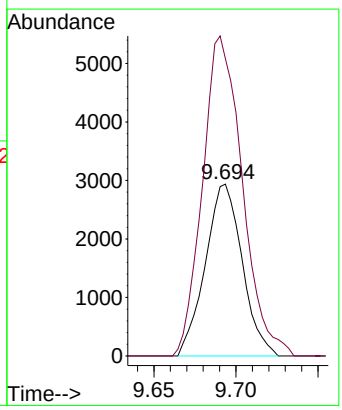


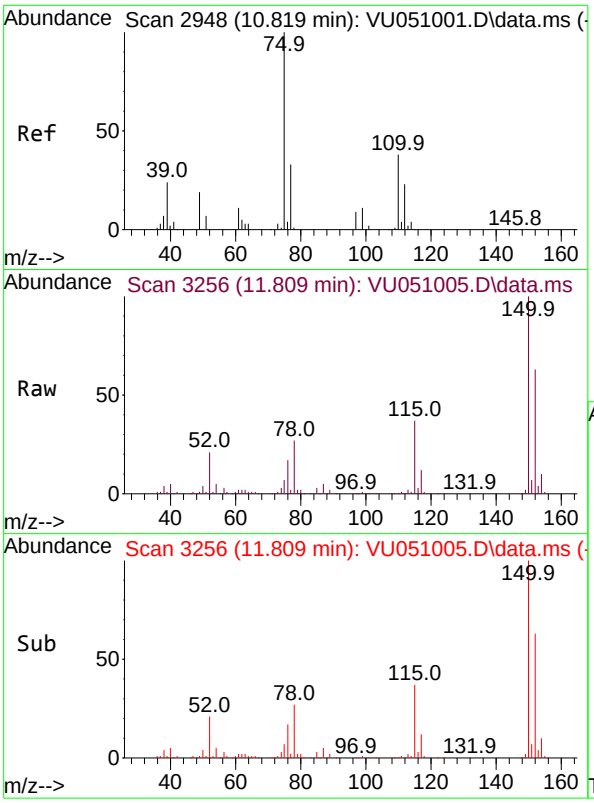


#53
m,p-Xylene
Concen: 0.981 ug/L
RT: 9.694 min Scan# 2598
Delta R.T. 0.003 min
Lab File: VU051005.D
Acq: 30 Sep 2022 01:55

Tgt Ion:106 Resp: 4585

Ion	Ratio	Lower	Upper
106	100		
91	158.0	141.9	263.5





#60
1,2,3-Trichloropropane
Concen: 4.534 ug/L
RT: 11.809 min Scan# 3
Delta R.T. 0.990 min
Lab File: VU051005.D
Acq: 30 Sep 2022 01:55

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 14685

Ion	Ratio	Lower	Upper
75	100		
77	32.9	26.1	39.1
110	2.1	30.0	45.0#