Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121421\
Data File : VU046355.D
Acq On : 14 Dec 2021 14:58
Operator : SY/MD
Sample : M5002-18
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0CZ2

Quant Time: Dec 15 01:43:06 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 15 01:40:37 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	140652	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	146918	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	72193	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	49092	42.371	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 84.740%			
7) Chloroethane-d5	1.919	69	38046	42.769	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 85.540%			
11) 1,1-Dichloroethene-d2	2.572	63	65461	31.473	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 62.940%			
21) 2-Butanone-d5	4.642	46	83255	90.392	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 90.390%			
24) Chloroform-d	5.067	84	94006	48.586	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.180%			
26) 1,2-Dichloroethane-d4	5.704	65	63335	48.776	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.560%			
32) Benzene-d6	5.729	84	181045	42.994	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 85.980%			
36) 1,2-Dichloropropane-d6	6.694	67	56950	43.638	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 87.280%			
41) Toluene-d8	7.900	98	153876	40.134	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 80.260%			
43) trans-1,3-Dichloroprop...	8.179	79	25823	40.990	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 81.980%			
47) 2-Hexanone-d5	8.636	63	60149	97.208	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 97.210%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	89150	45.045	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 90.080%			
66) 1,2-Dichlorobenzene-d4	12.192	152	62725	45.116	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 90.240%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.569	101	466	0.455	ug/L #	21
12) 1,1-Dichloroethene	2.575	96	413	0.425	ug/L #	1
35) Methylcyclohexane	6.694	83	14475	7.969	ug/L #	20
37) 1,2-Dichloropropane	6.694	63	6550	5.623	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	1707	0.963	ug/L #	75
44) trans-1,3-Dichloropropene	8.186	75	1122	0.645	ug/L	91
60) 1,2,3-Trichloropropane	11.813	75	9075	5.734	ug/L #	65

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

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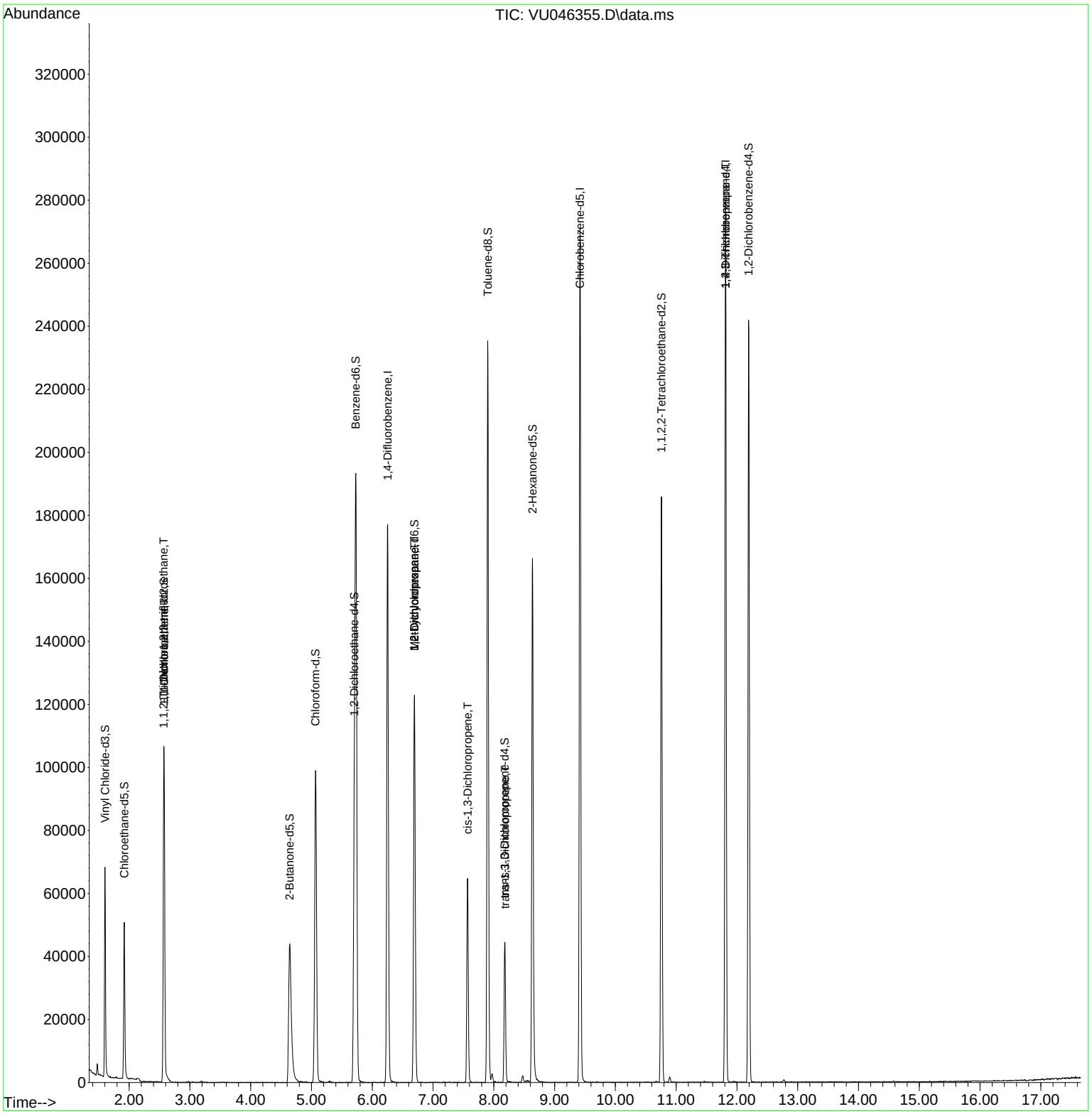
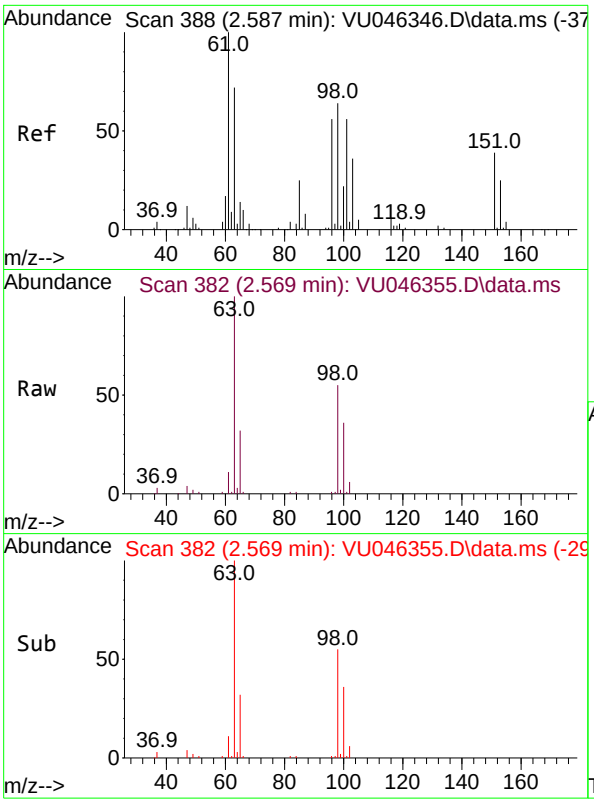


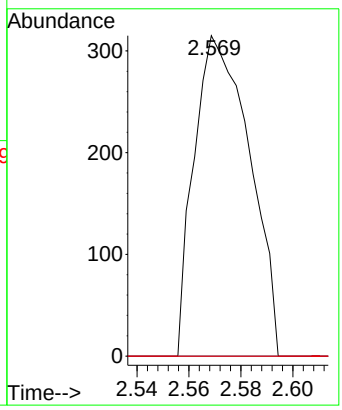


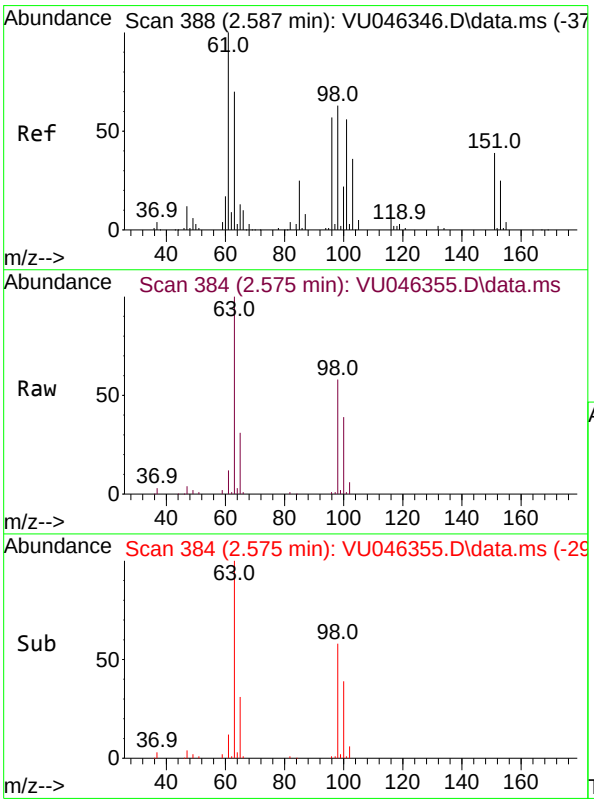
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.455 ug/L
RT: 2.569 min Scan# 3
Delta R.T. -0.019 min
Lab File: VU046355.D
Acq: 14 Dec 2021 14:58

Instrument :
MSVOA_U
ClientSampleId :
C0CZ2

Tgt Ion:101 Resp: 466

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

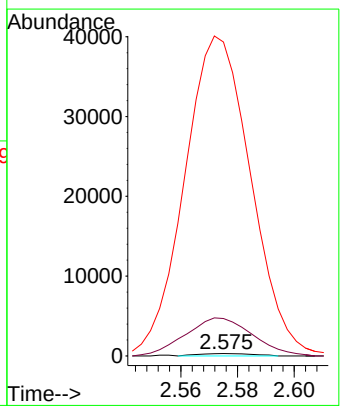


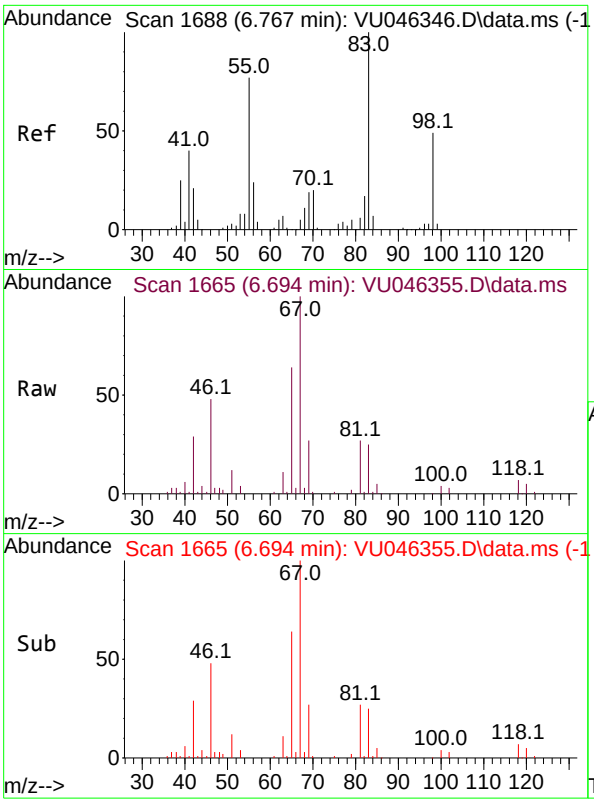


#12
1,1-Dichloroethene
Concen: 0.425 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.012 min
Lab File: VU046355.D
Acq: 14 Dec 2021 14:58

Tgt Ion: 96 Resp: 413

Ion	Ratio	Lower	Upper
96	100		
61	1561.3	118.6	220.2#
63	13109.3	93.0	172.8#



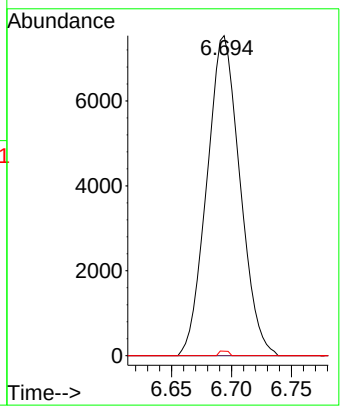


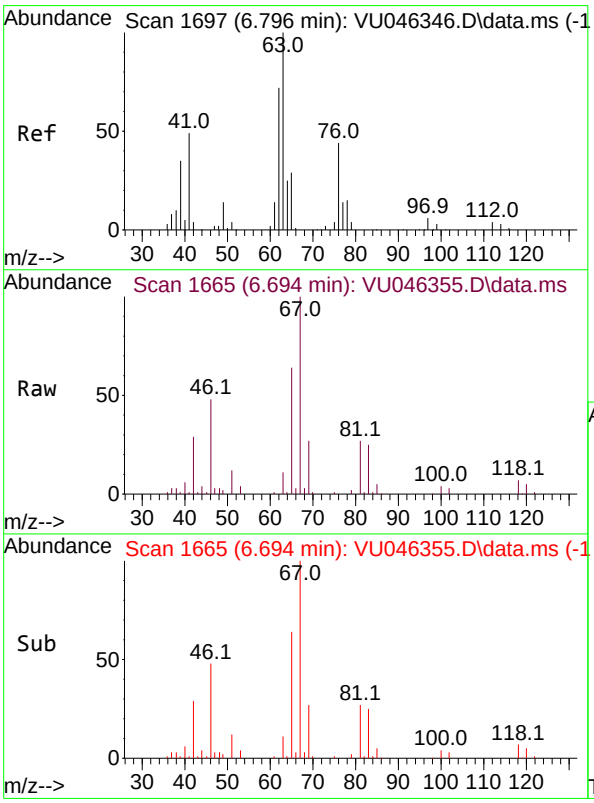
#35
Methylcyclohexane
Concen: 7.969 ug/L
RT: 6.694 min Scan# 1
Delta R.T. -0.074 min
Lab File: VU046355.D
Acq: 14 Dec 2021 14:58

Instrument :
MSVOA_U
ClientSampleId :
C0CZ2

Tgt Ion: 83 Resp: 14475

Ion	Ratio	Lower	Upper
83	100		
55	0.0	57.8	86.6#
98	0.4	38.4	57.6#

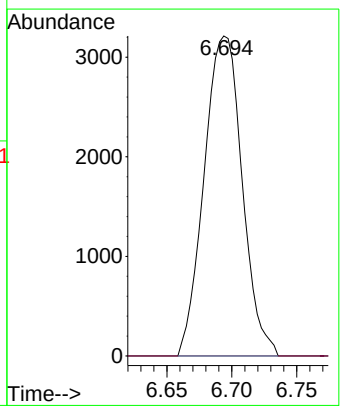


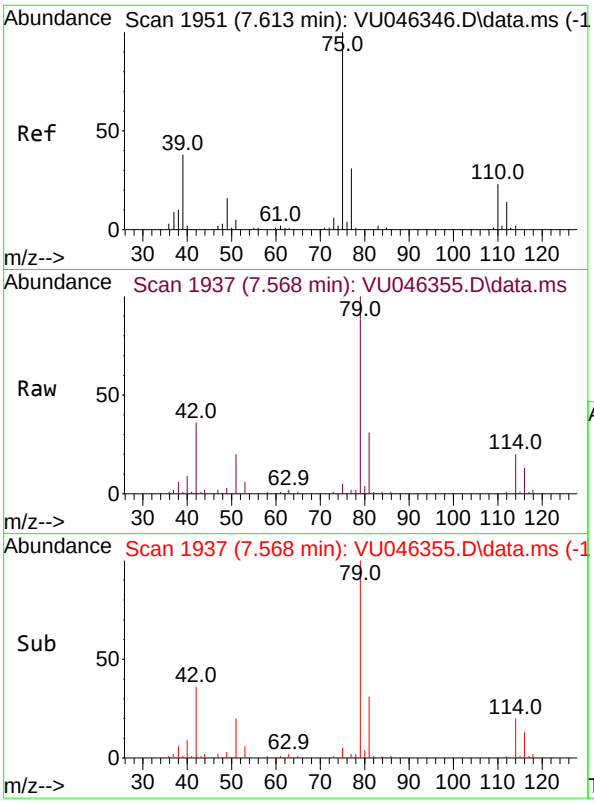


#37
1,2-Dichloropropane
Concen: 5.623 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.103 min
Lab File: VU046355.D
Acq: 14 Dec 2021 14:58

Tgt Ion: 63 Resp: 6550

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.6#



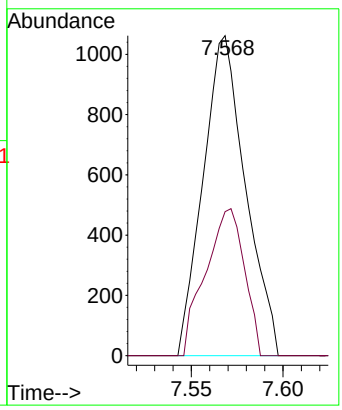


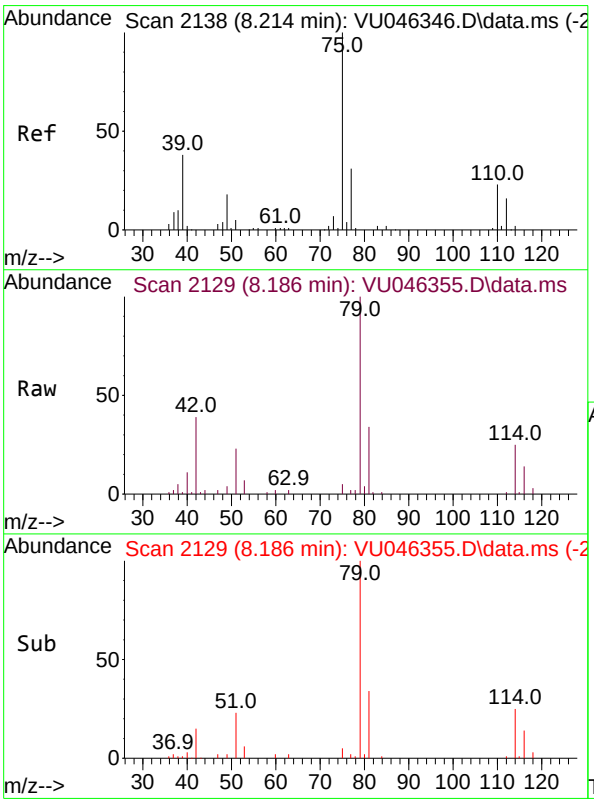
#39
cis-1,3-Dichloropropene
Concen: 0.963 ug/L
RT: 7.568 min Scan# 1
Delta R.T. -0.045 min
Lab File: VU046355.D
Acq: 14 Dec 2021 14:58

Instrument :
MSVOA_U
ClientSampleId :
C0CZ2

Tgt Ion: 75 Resp: 1707

Ion	Ratio	Lower	Upper
75	100		
77	45.0	21.8	40.6#

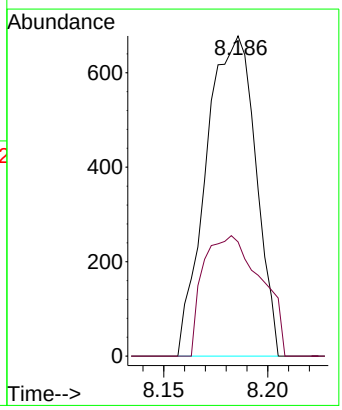


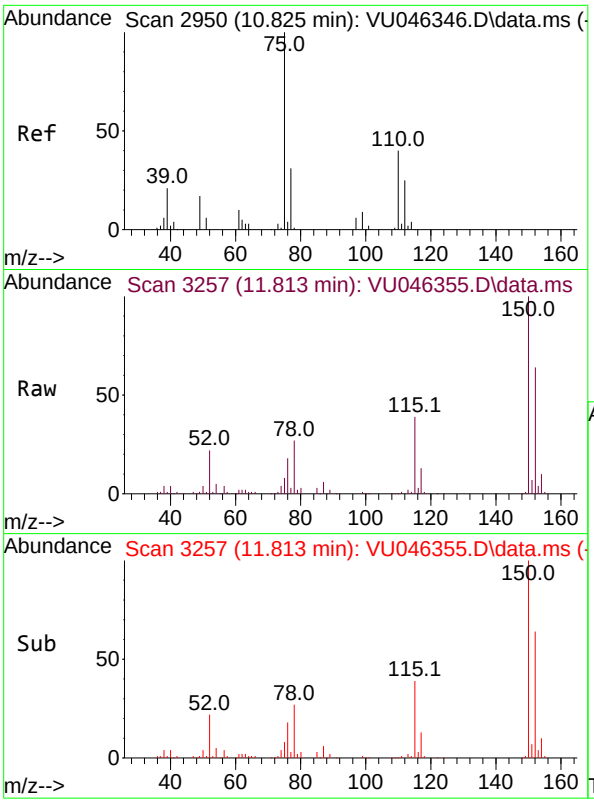


#44
trans-1,3-Dichloropropene
Concen: 0.645 ug/L
RT: 8.186 min Scan# 2129
Delta R.T. -0.029 min
Lab File: VU046355.D
Acq: 14 Dec 2021 14:58

Tgt Ion: 75 Resp: 1122

Ion	Ratio	Lower	Upper
75	100		
77	35.7	21.7	40.3





#60
1,2,3-Trichloropropane
Concen: 5.734 ug/L
RT: 11.813 min Scan# 3
Delta R.T. 0.987 min
Lab File: VU046355.D
Acq: 14 Dec 2021 14:58

Instrument :
MSVOA_U
ClientSampleId :
C0CZ2

Tgt Ion: 75 Resp: 9075

Ion	Ratio	Lower	Upper
75	100		
77	32.5	26.4	39.6
110	1.9	32.4	48.6#