Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071122\
Data File : VU049679.D
Acq On : 11 Jul 2022 16:32
Operator : SY/MD
Sample : PB146107TB 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VLEB107

Quant Time: Jul 12 02:34:57 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM071122WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 12 02:23:25 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	225125	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	207724	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	89396	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	85659	45.096	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 90.200%			
7) Chloroethane-d5	1.899	69	66081	48.128	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 96.260%			
11) 1,1-Dichloroethene-d2	2.562	63	108357	32.295	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 64.600%			
21) 2-Butanone-d5	4.616	46	172592	106.438	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 106.440%			
24) Chloroform-d	5.060	84	161373	47.967	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.940%			
26) 1,2-Dichloroethane-d4	5.700	65	115005	50.508	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.020%			
32) Benzene-d6	5.726	84	316772	50.197	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.400%			
36) 1,2-Dichloropropane-d6	6.690	67	109584	51.627	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 103.260%			
41) Toluene-d8	7.896	98	263235	47.899	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.800%			
43) trans-1,3-Dichloroprop...	8.179	79	42549	47.578	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 95.160%			
47) 2-Hexanone-d5	8.632	63	101075	105.859	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 105.860%			
56) 1,1,2,2-Tetrachloroeth...	10.754	84	149362	50.290	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 100.580%			
66) 1,2-Dichlorobenzene-d4	12.195	152	86922	51.570	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.140%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.559	101	902	0.520	ug/L #	20
12) 1,1-Dichloroethene	2.562	96	626	0.389	ug/L #	1
16) Methylene chloride	3.041	84	4102	2.024	ug/L	91
35) Methylcyclohexane	6.690	83	25711	8.669	ug/L #	17
37) 1,2-Dichloropropane	6.687	63	12451	5.753	ug/L #	89
39) cis-1,3-Dichloropropene	7.565	75	3077	1.054	ug/L #	65
44) trans-1,3-Dichloropropene	8.179	75	2033	0.742	ug/L #	82
60) 1,2,3-Trichloropropane	11.812	75	12232	5.137	ug/L #	69

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

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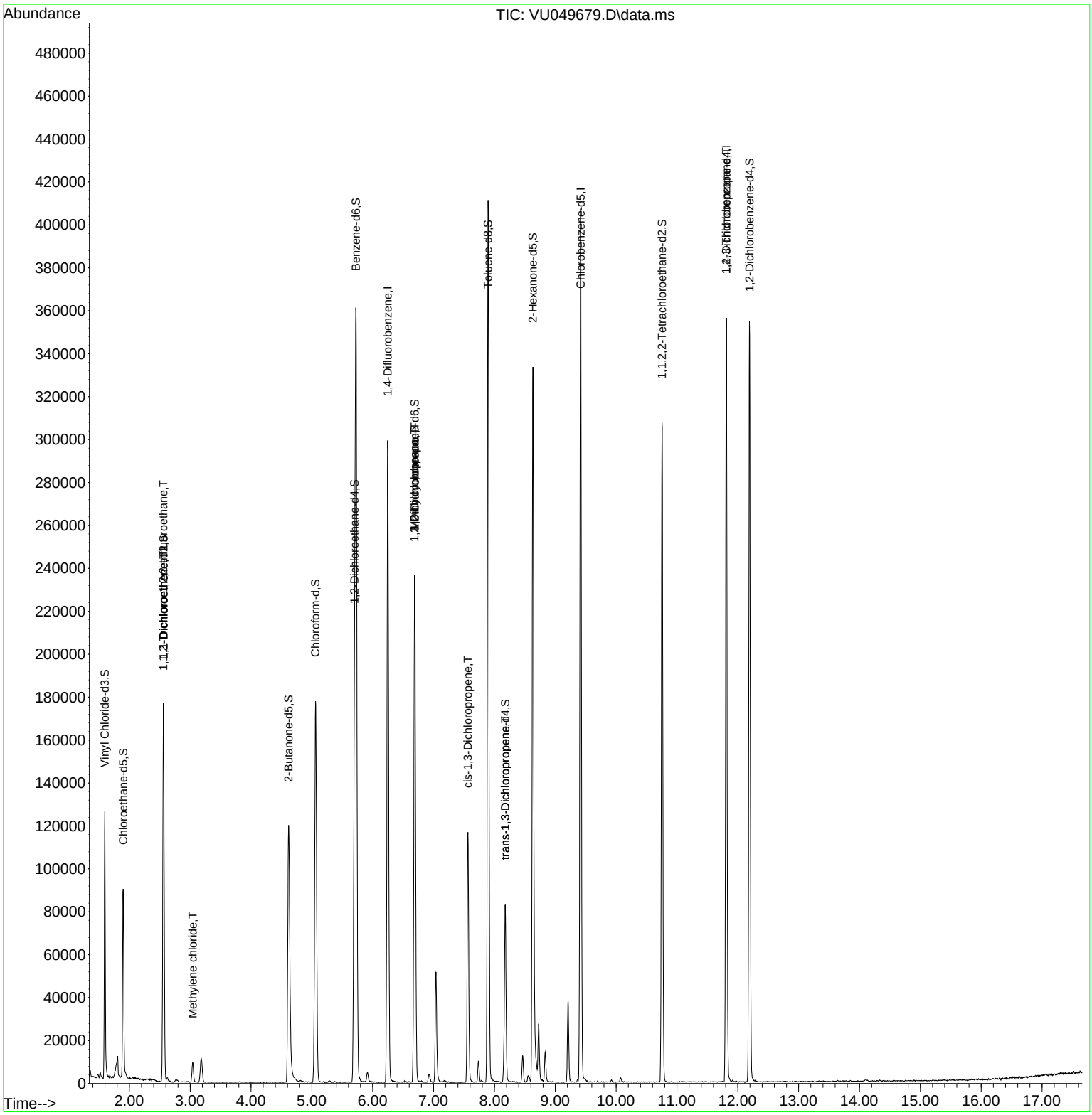
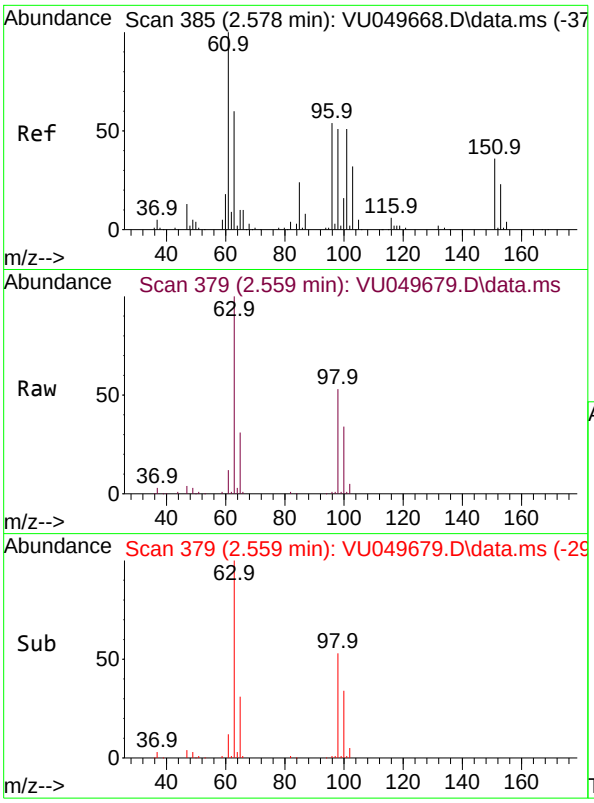
Quant Title : VOC Analysis
QLast Update : Tue Jul 12 02:23:25 2022
Response via : Initial Calibration



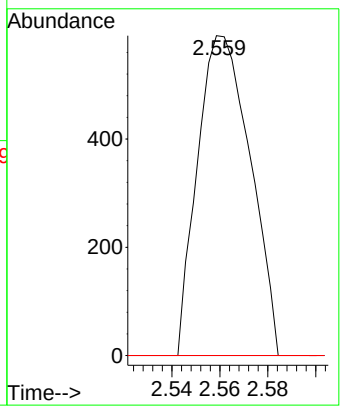


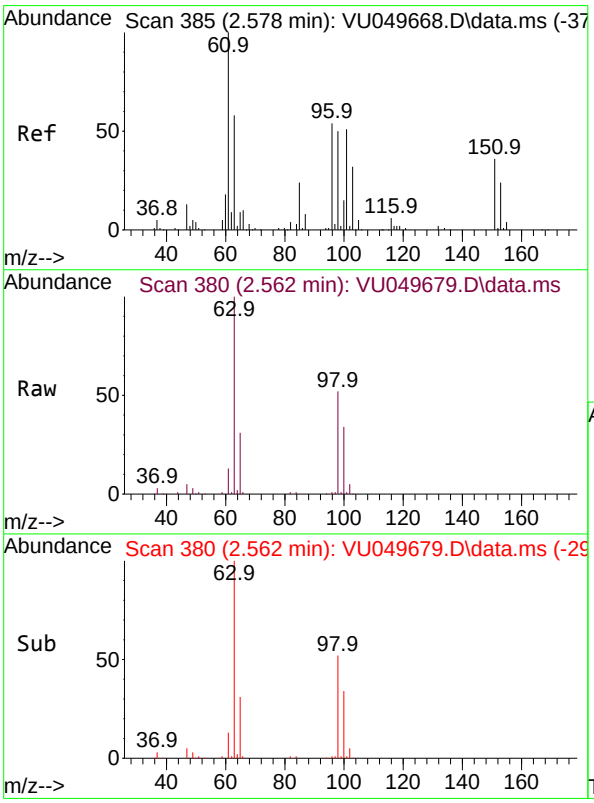
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.520 ug/L
RT: 2.559 min Scan# 3
Delta R.T. -0.019 min
Lab File: VU049679.D
Acq: 11 Jul 2022 16:32

Instrument :
MSVOA_U
ClientSampleId :
VLEB107

Tgt Ion:101 Resp: 902

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

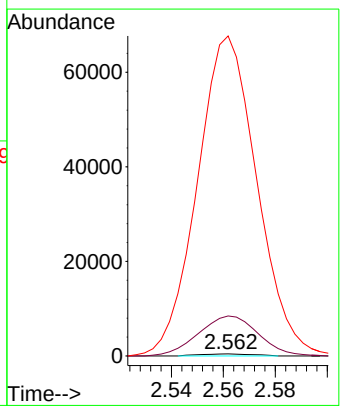


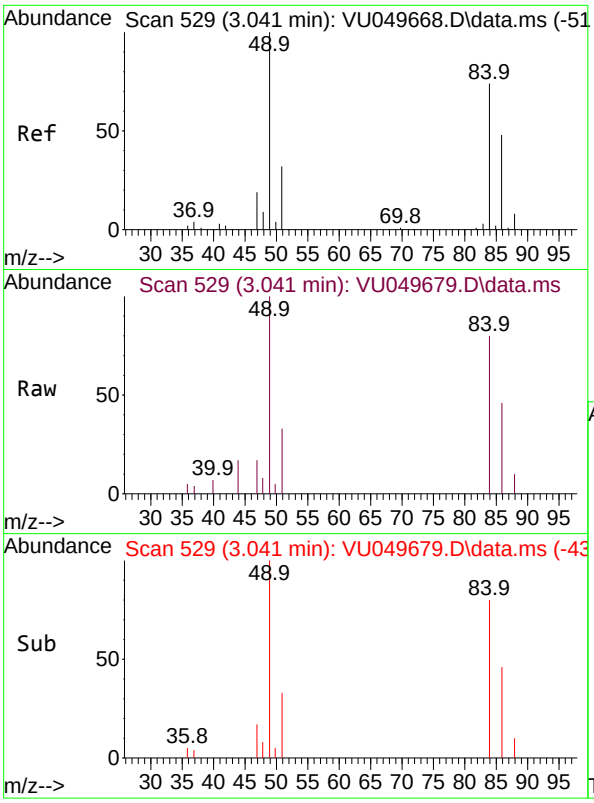


#12
1,1-Dichloroethene
Concen: 0.389 ug/L
RT: 2.562 min Scan# 380
Delta R.T. -0.016 min
Lab File: VU049679.D
Acq: 11 Jul 2022 16:32

Tgt Ion: 96 Resp: 626

Ion	Ratio	Lower	Upper
96	100		
61	1851.5	129.6	240.6#
63	14779.0	79.0	146.6#



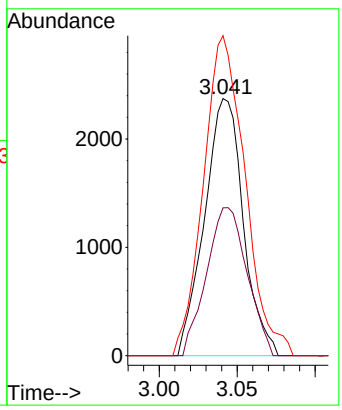


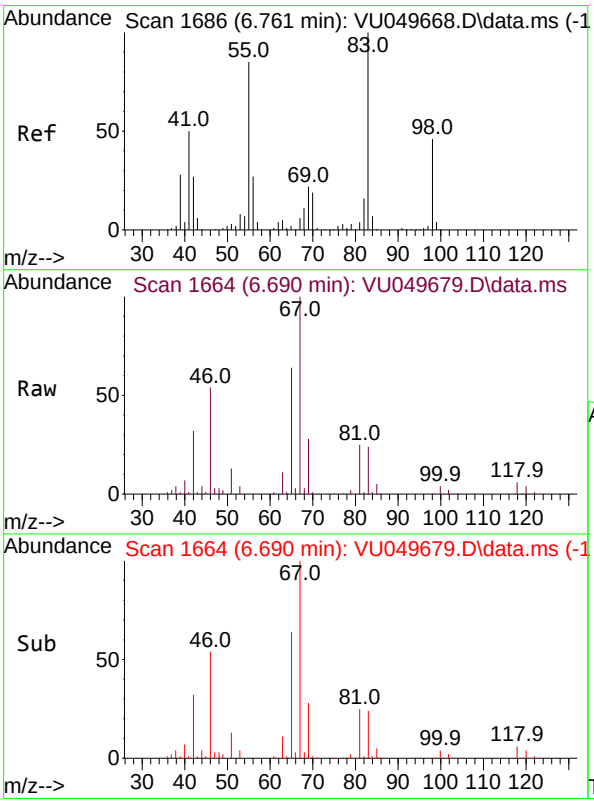
#16
Methylene chloride
Concen: 2.024 ug/L
RT: 3.041 min Scan# 5
Delta R.T. -0.000 min
Lab File: VU049679.D
Acq: 11 Jul 2022 16:32

Instrument :
MSVOA_U
ClientSampleId :
VLEB107

Tgt Ion: 84 Resp: 4102

Ion	Ratio	Lower	Upper
84	100		
86	57.5	45.6	84.6
49	124.5	94.4	175.4

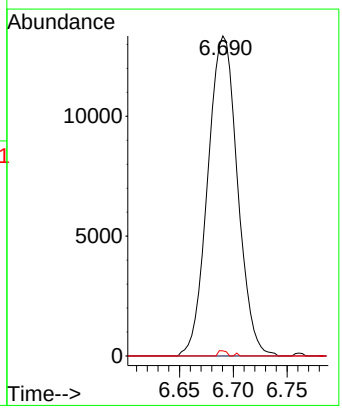


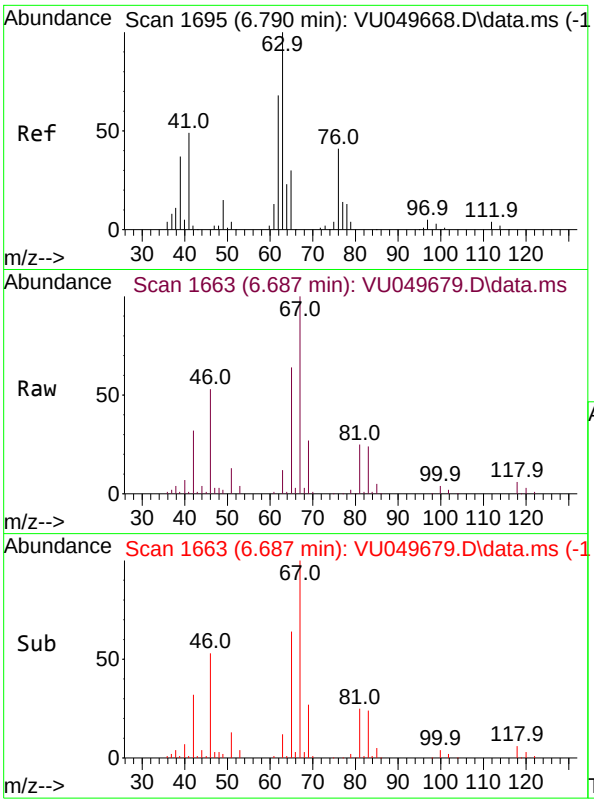


#35
Methylcyclohexane
Concen: 8.669 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.071 min
Lab File: VU049679.D
Acq: 11 Jul 2022 16:32

Tgt Ion: 83 Resp: 25711

Ion	Ratio	Lower	Upper
83	100		
55	0.0	66.0	99.0#
98	0.5	34.6	51.8#



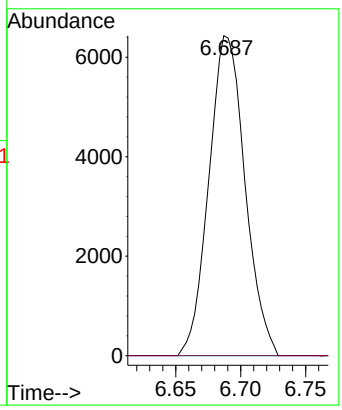


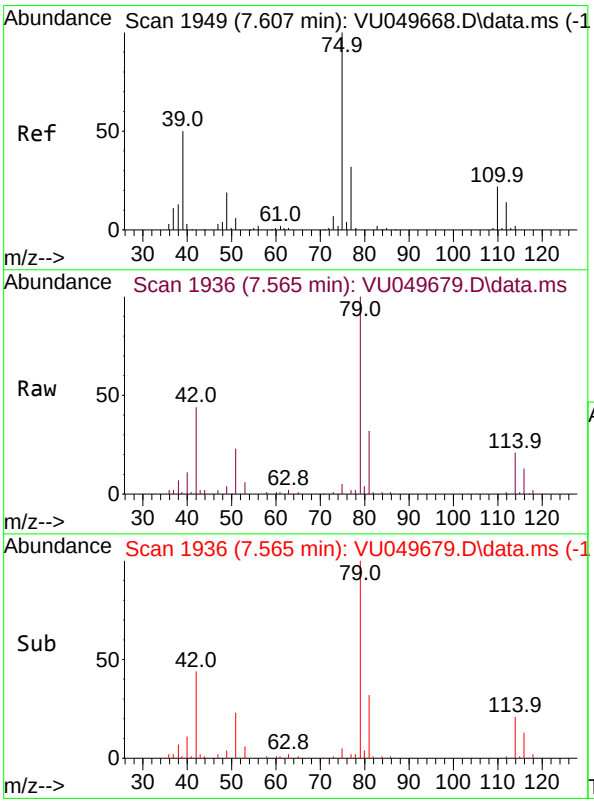
#37
1,2-Dichloropropane
Concen: 5.753 ug/L
RT: 6.687 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU049679.D
Acq: 11 Jul 2022 16:32

Instrument :
MSVOA_U
ClientSampleId :
VLEB107

Tgt Ion: 63 Resp: 12451

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.8	4.2#

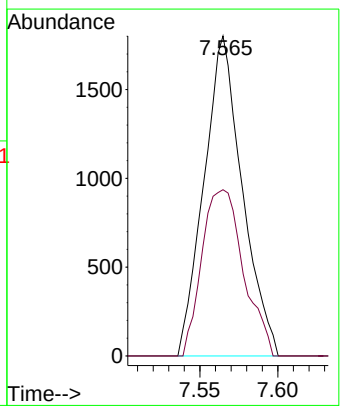


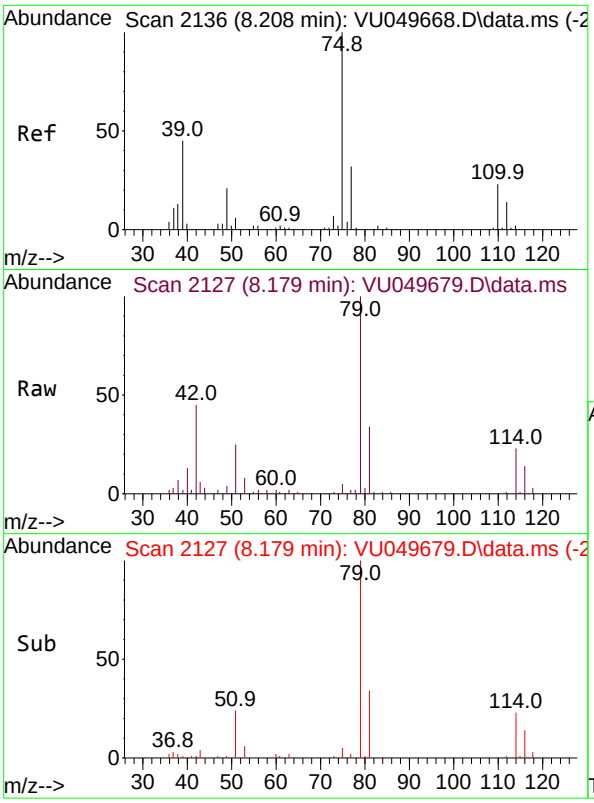


#39
cis-1,3-Dichloropropene
Concen: 1.054 ug/L
RT: 7.565 min Scan# 1936
Delta R.T. -0.042 min
Lab File: VU049679.D
Acq: 11 Jul 2022 16:32

Tgt Ion: 75 Resp: 3077

Ion	Ratio	Lower	Upper
75	100		
77	51.9	22.6	42.0#



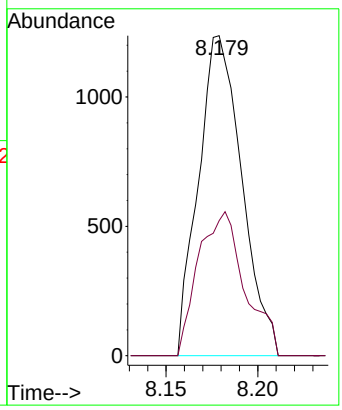


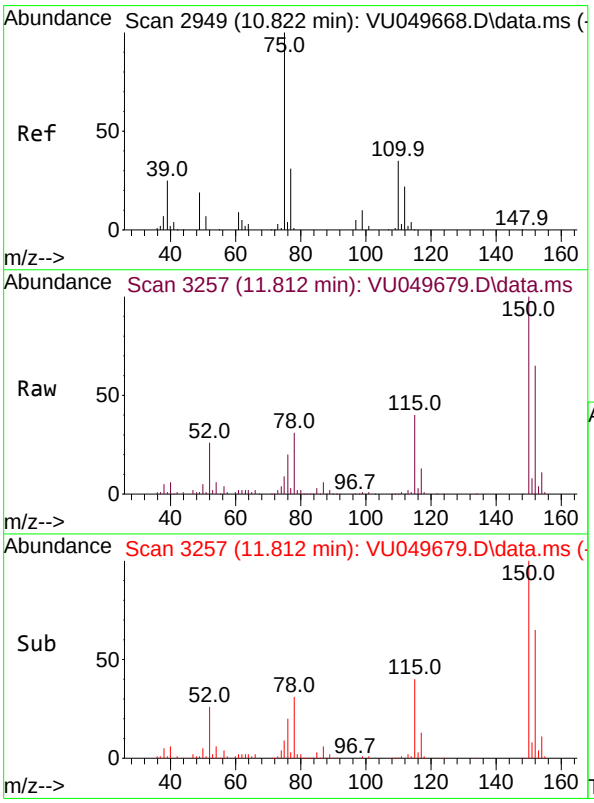
#44
trans-1,3-Dichloropropene
Concen: 0.742 ug/L
RT: 8.179 min Scan# 21
Delta R.T. -0.029 min
Lab File: VU049679.D
Acq: 11 Jul 2022 16:32

Instrument :
MSVOA_U
ClientSampleId :
VLEB107

Tgt Ion: 75 Resp: 2033

Ion	Ratio	Lower	Upper
75	100		
77	42.2	22.5	41.9#





#60
1,2,3-Trichloropropane
Concen: 5.137 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.990 min
Lab File: VU049679.D
Acq: 11 Jul 2022 16:32

Tgt Ion: 75 Resp: 12232

Ion	Ratio	Lower	Upper
75	100		
77	32.6	25.5	38.3
110	2.6	28.9	43.3#