Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042622\
Data File : VU048298.D
Acq On : 26 Apr 2022 13:54
Operator : SY/MD
Sample : N2518-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXER9

Quant Time: Apr 27 03:53:50 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 27 03:51:59 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	355590	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	352835	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	153245	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	167004	51.073	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 102.140%			
7) Chloroethane-d5	1.909	69	134938	58.790	ug/L	0.02
Spiked Amount 50.000	Range 70 - 130		Recovery = 117.580%			
11) 1,1-Dichloroethene-d2	2.568	63	208477	39.791	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 79.580%			
21) 2-Butanone-d5	4.626	46	252445	90.517	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 90.520%			
24) Chloroform-d	5.063	84	291717	49.185	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.360%			
26) 1,2-Dichloroethane-d4	5.703	65	186858	53.099	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 106.200%			
32) Benzene-d6	5.729	84	612700	55.060	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 110.120%			
36) 1,2-Dichloropropane-d6	6.693	67	194730	52.931	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 105.860%			
41) Toluene-d8	7.899	98	537884	53.326	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 106.660%			
43) trans-1,3-Dichloroprop...	8.179	79	81863	50.429	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 100.860%			
47) 2-Hexanone-d5	8.636	63	174572	87.951	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 87.950%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	289982	44.943	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 89.880%			
66) 1,2-Dichlorobenzene-d4	12.195	152	192727	55.907	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 111.820%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	2084	0.778	ug/L #	18
12) 1,1-Dichloroethene	2.568	96	1895	0.810	ug/L #	1
27) 1,2-Dichloroethane	5.800	62	2244	0.593	ug/L	100
35) Methylcyclohexane	6.693	83	45696	12.711	ug/L #	20
39) cis-1,3-Dichloropropene	7.565	75	5044	1.207	ug/L #	54
44) trans-1,3-Dichloropropene	8.182	75	3253	0.797	ug/L #	73
60) 1,2,3-Trichloropropane	11.812	75	16160	4.520	ug/L #	67

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

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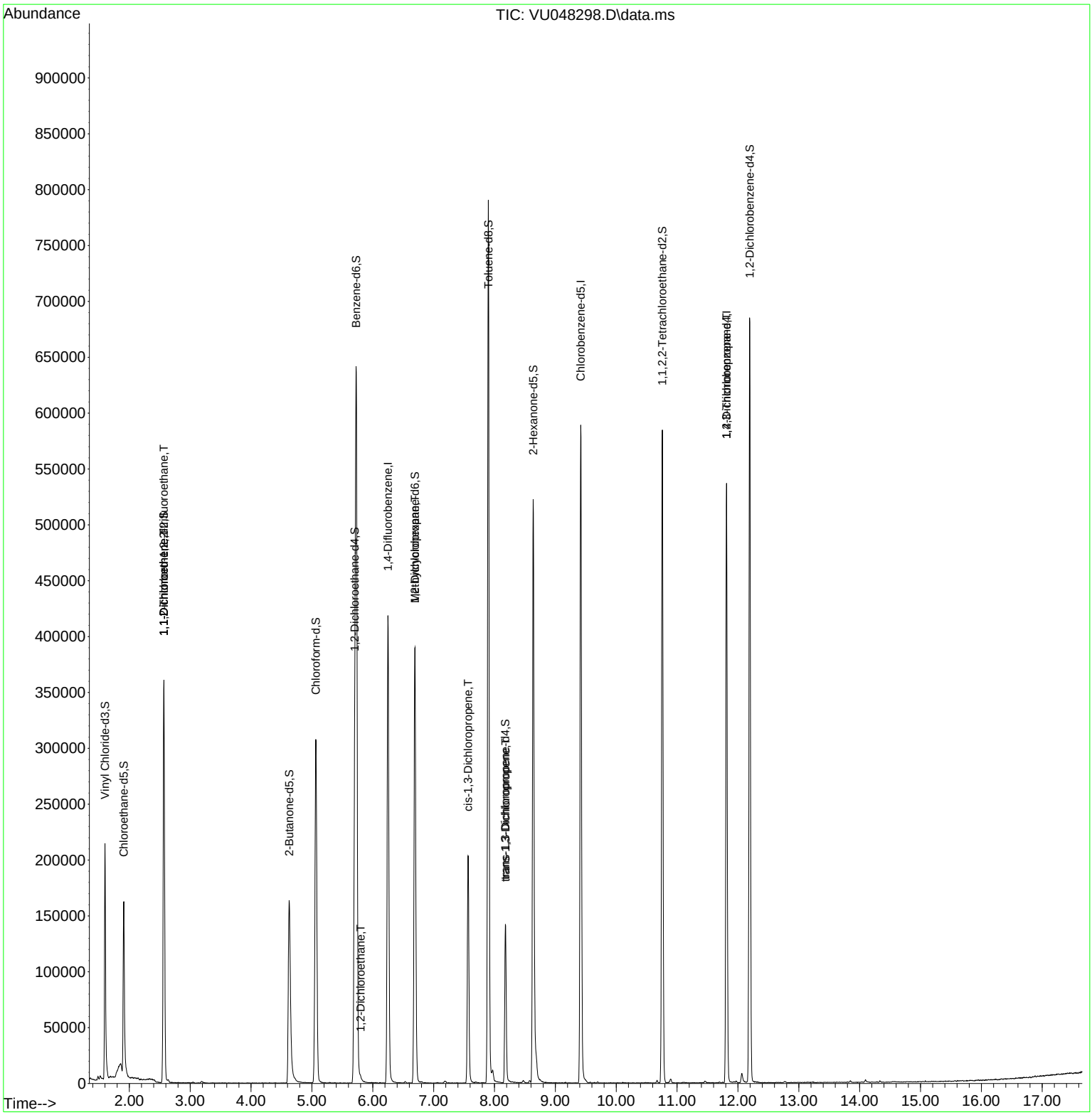
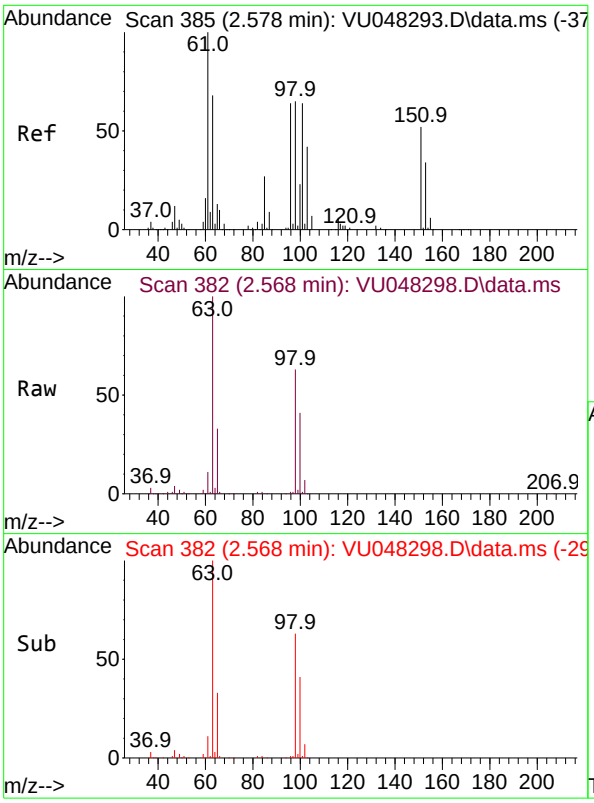
Quant Title : VOC Analysis
QLast Update : Wed Apr 27 03:51:59 2022
Response via : Initial Calibration



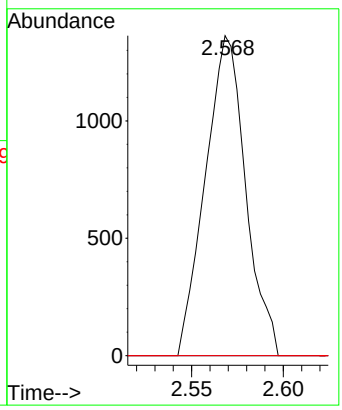


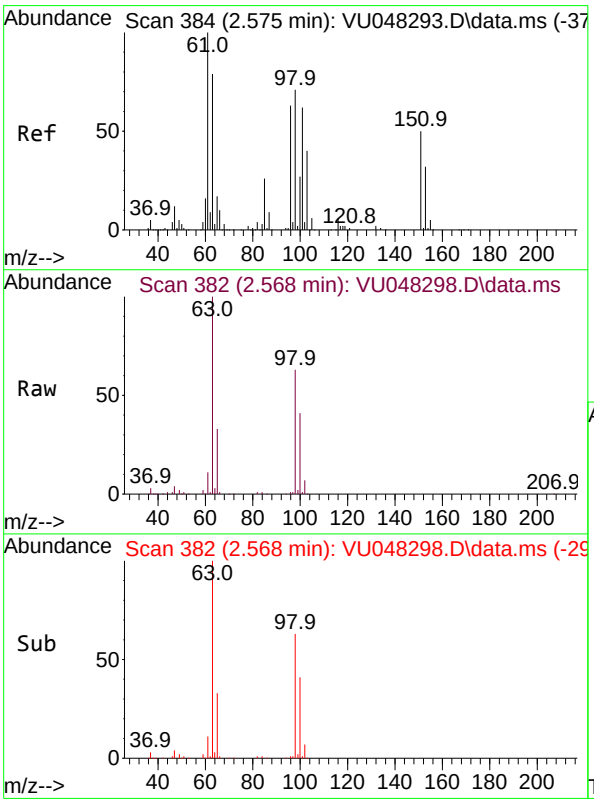
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.778 ug/L
RT: 2.568 min Scan# 3
Delta R.T. -0.010 min
Lab File: VU048298.D
Acq: 26 Apr 2022 13:54

Instrument :
MSVOA_U
ClientSampleId :
EXER9

Tgt Ion:101 Resp: 2084

Ion	Ratio	Lower	Upper
101	100		
85	0.0	32.6	48.8#
151	0.0	64.1	96.1#

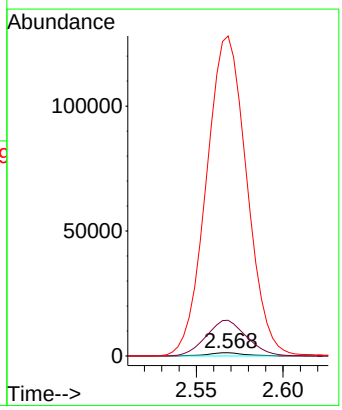


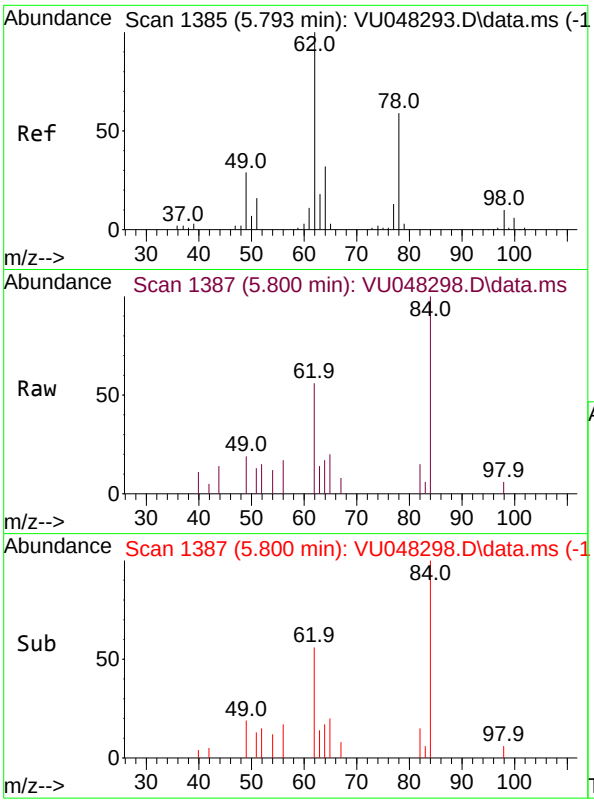


#12
1,1-Dichloroethene
Concen: 0.810 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.006 min
Lab File: VU048298.D
Acq: 26 Apr 2022 13:54

Tgt Ion: 96 Resp: 1895

Ion	Ratio	Lower	Upper
96	100		
61	1092.8	107.9	200.3#
63	9777.7	80.3	149.1#



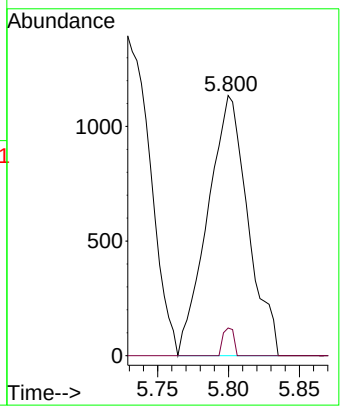


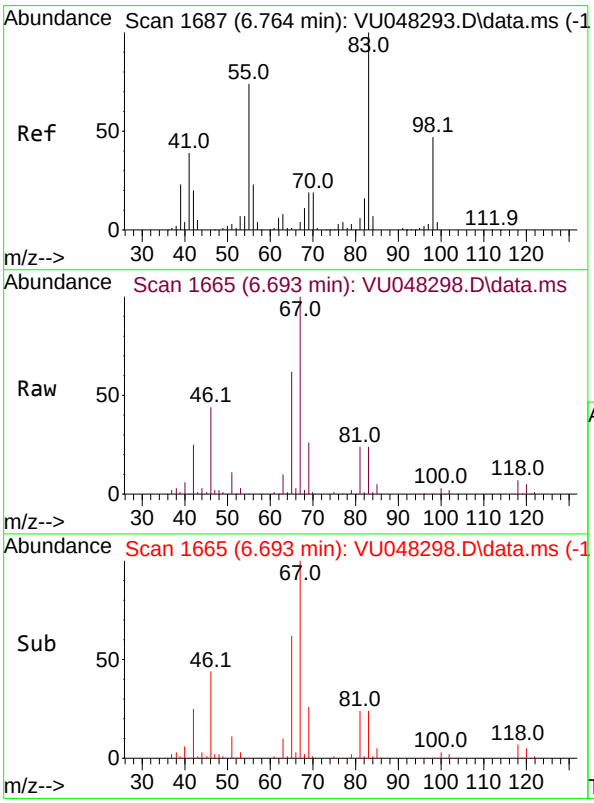
#27
1,2-Dichloroethane
Concen: 0.593 ug/L
RT: 5.800 min Scan# 1
Delta R.T. 0.006 min
Lab File: VU048298.D
Acq: 26 Apr 2022 13:54

Instrument :
MSVOA_U
ClientSampleId :
EXER9

Tgt Ion: 62 Resp: 2244

Ion	Ratio	Lower	Upper
62	100		
98	10.7	8.5	12.7

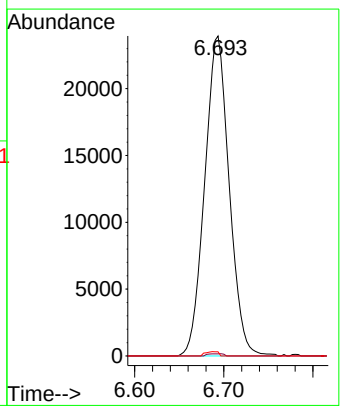


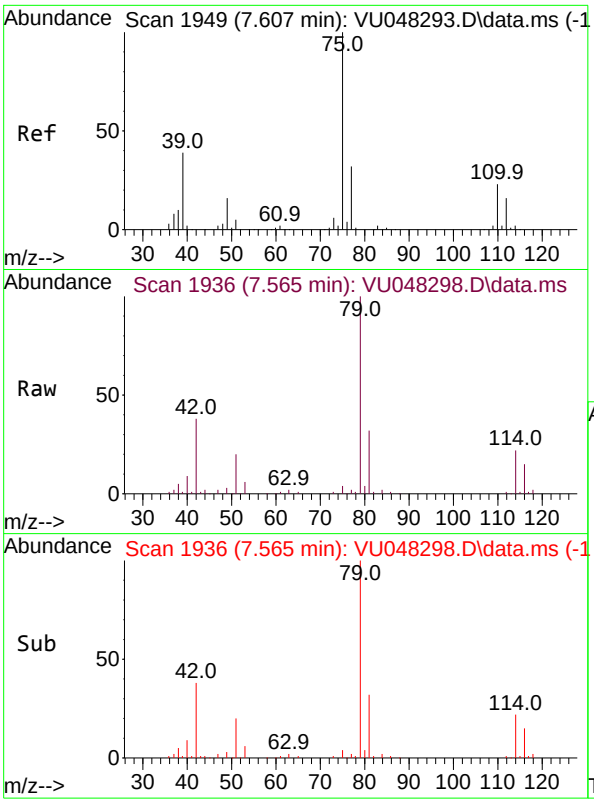


#35
Methylcyclohexane
Concen: 12.711 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.071 min
Lab File: VU048298.D
Acq: 26 Apr 2022 13:54

Tgt Ion: 83 Resp: 45696

Ion	Ratio	Lower	Upper
83	100		
55	0.4	59.4	89.2#
98	0.7	37.3	55.9#



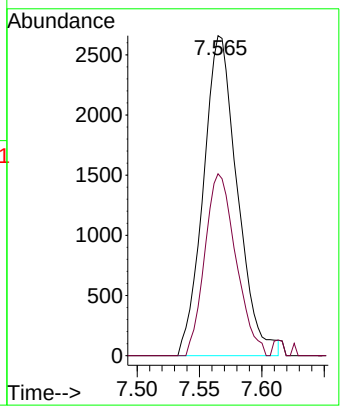


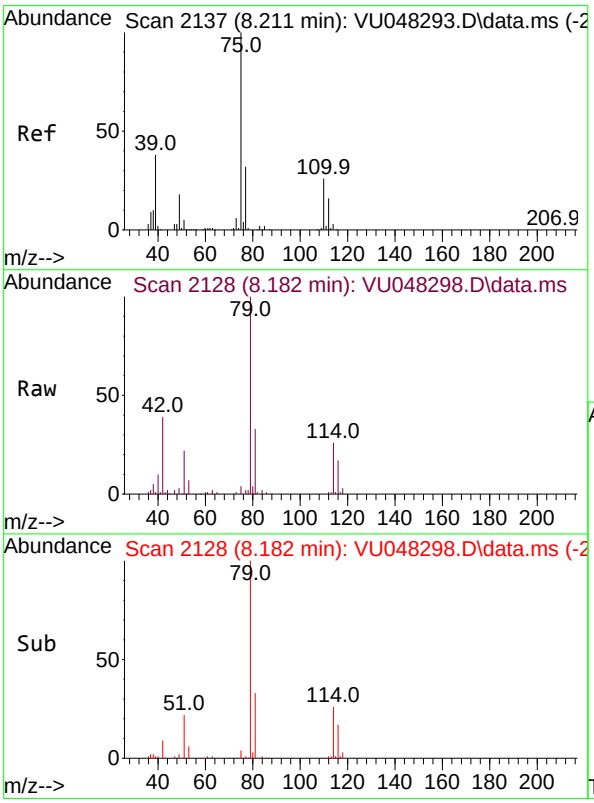
#39
cis-1,3-Dichloropropene
Concen: 1.207 ug/L
RT: 7.565 min Scan# 1
Delta R.T. -0.042 min
Lab File: VU048298.D
Acq: 26 Apr 2022 13:54

Instrument :
MSVOA_U
ClientSampleId :
EXER9

Tgt Ion: 75 Resp: 5044

Ion	Ratio	Lower	Upper
75	100		
77	56.9	22.0	41.0#

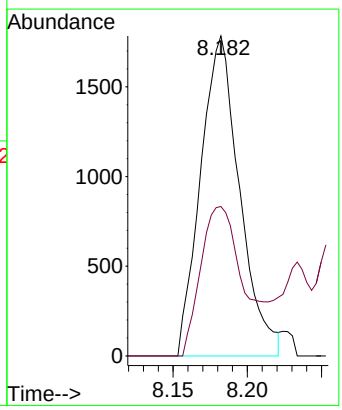


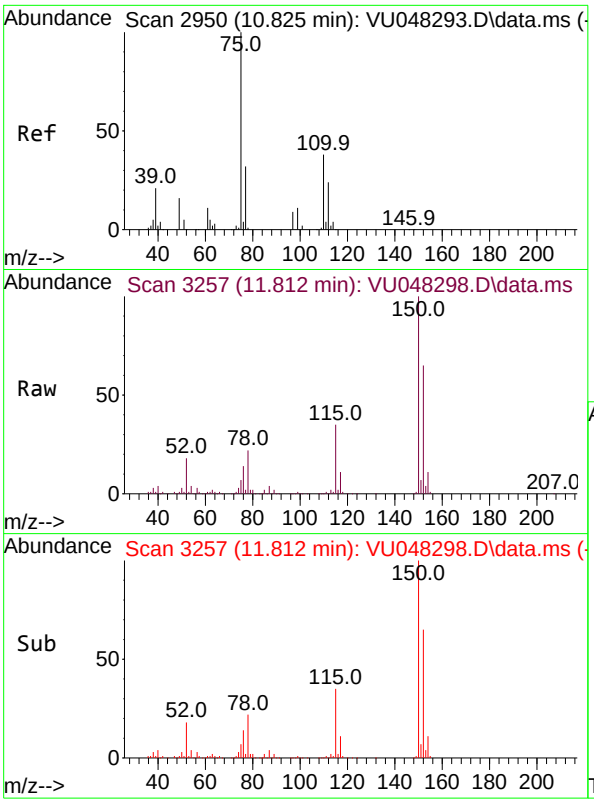


#44
trans-1,3-Dichloropropene
Concen: 0.797 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.029 min
Lab File: VU048298.D
Acq: 26 Apr 2022 13:54

Tgt Ion: 75 Resp: 3253

Ion	Ratio	Lower	Upper
75	100		
77	46.7	22.1	41.1#





#60
1,2,3-Trichloropropane
Concen: 4.520 ug/L
RT: 11.812 min Scan# 3
Delta R.T. 0.987 min
Lab File: VU048298.D
Acq: 26 Apr 2022 13:54

Instrument :
MSVOA_U
ClientSampleId :
EXER9

Tgt Ion: 75 Resp: 16160

Ion	Ratio	Lower	Upper
75	100		
77	32.7	25.8	38.8
110	1.4	29.9	44.9#