Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062222\
Data File : VU049368.D
Acq On : 23 Jun 2022 10:48
Operator : SY/MD
Sample : VU0623WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jun 24 01:10:49 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 24 01:09:54 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	230302	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	213256	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	92483	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	74600	52.581	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 105.160%			
7) Chloroethane-d5	1.906	69	52311	50.216	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 100.440%			
11) 1,1-Dichloroethene-d2	2.565	63	97589	36.453	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 72.900%			
21) 2-Butanone-d5	4.626	46	187617	120.613	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 120.610%			
24) Chloroform-d	5.063	84	154294	50.979	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.960%			
26) 1,2-Dichloroethane-d4	5.700	65	102097	52.068	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.140%			
32) Benzene-d6	5.726	84	287208	54.313	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 108.620%			
36) 1,2-Dichloropropane-d6	6.690	67	106393	59.849	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 119.700%			
41) Toluene-d8	7.896	98	247317	53.031	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 106.060%			
43) trans-1,3-Dichloroprop...	8.179	79	44492	53.199	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 106.400%			
47) 2-Hexanone-d5	8.636	63	113814	122.328	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 122.330%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	159443	53.700	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 107.400%			
66) 1,2-Dichlorobenzene-d4	12.192	152	91546	56.891	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 113.780%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	842	0.519	ug/L #	19
12) 1,1-Dichloroethene	2.562	96	663	0.467	ug/L #	1
35) Methylcyclohexane	6.690	83	23117	9.510	ug/L #	19
37) 1,2-Dichloropropane	6.690	63	11300	5.800	ug/L #	88
39) cis-1,3-Dichloropropene	7.565	75	2917	1.018	ug/L #	79
44) trans-1,3-Dichloropropene	8.179	75	1991	0.701	ug/L #	54
71) Naphthalene	14.092	128	11419	1.734	ug/L #	94

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

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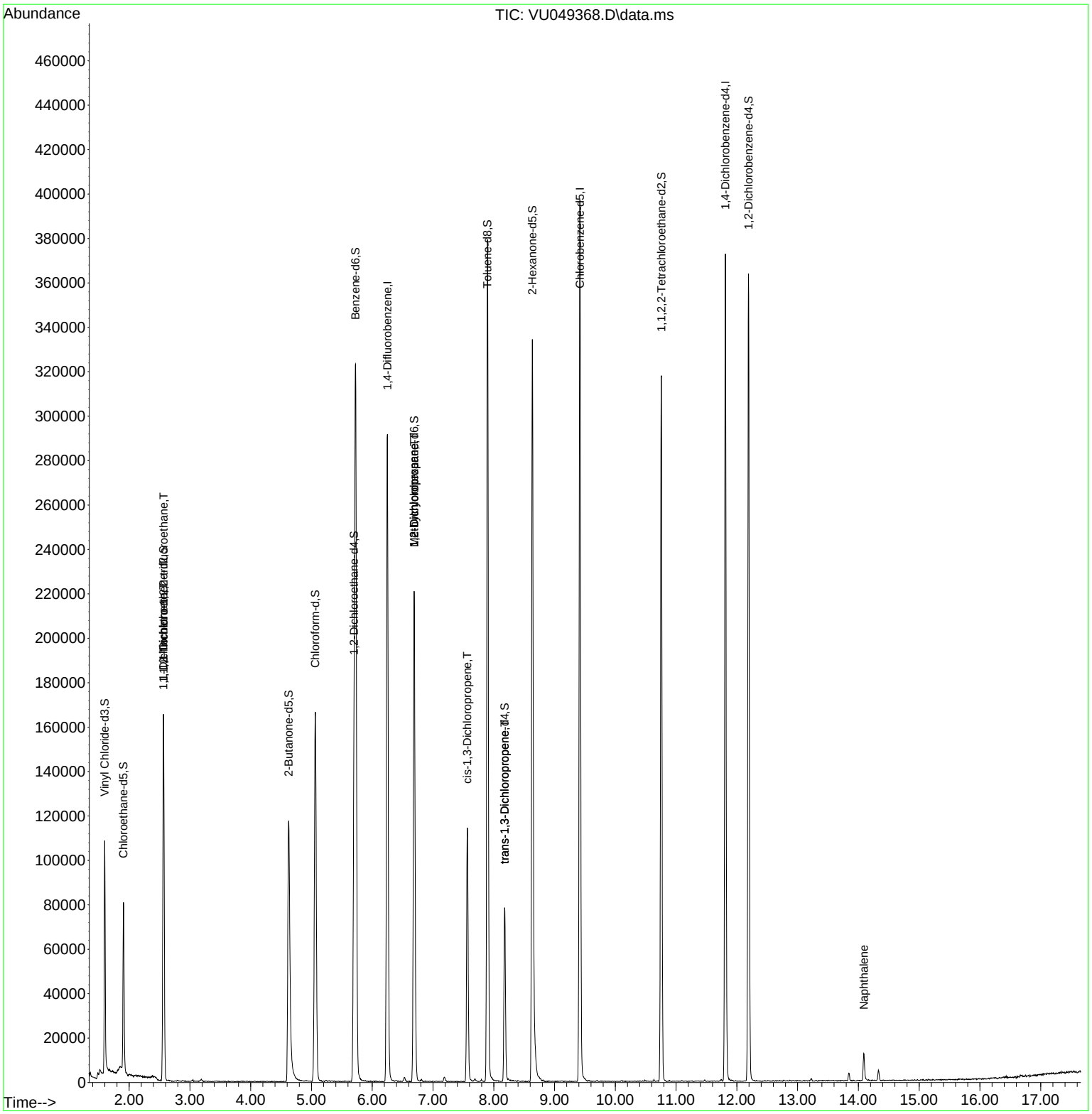
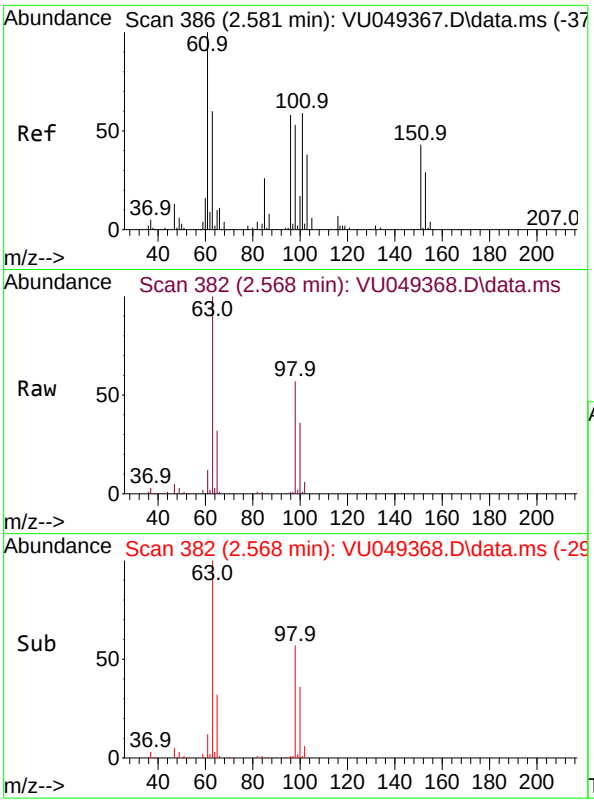
Quant Time: Jun 24 01:10:49 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 24 01:09:54 2022
Response via : Initial Calibration



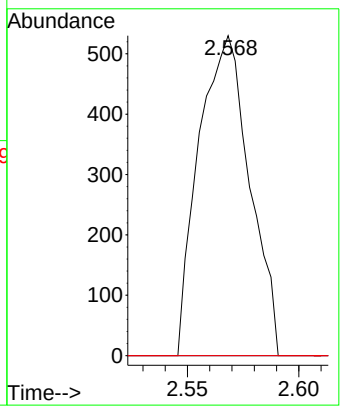


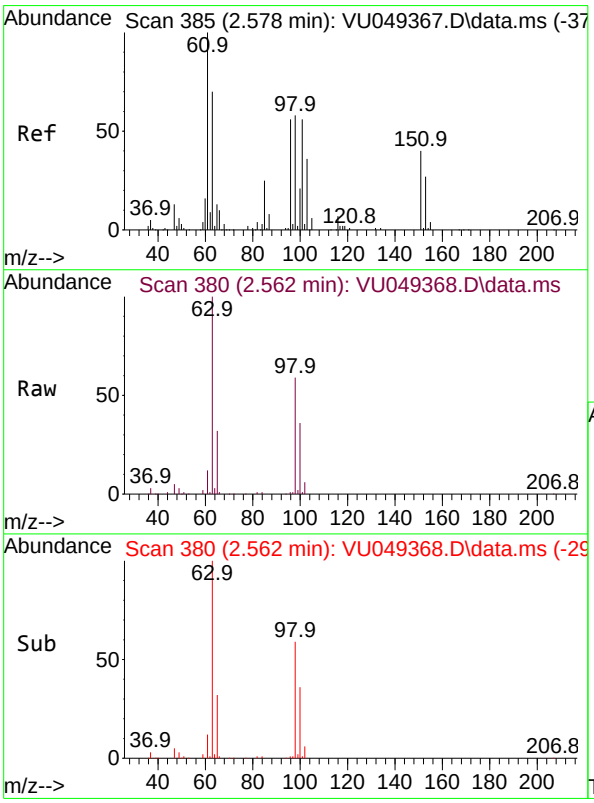
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.519 ug/L
RT: 2.568 min Scan# 3
Delta R.T. -0.013 min
Lab File: VU049368.D
Acq: 23 Jun 2022 10:48

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:101 Resp: 842

Ion	Ratio	Lower	Upper
101	100		
85	0.0	35.2	52.8#
151	0.0	61.4	92.2#

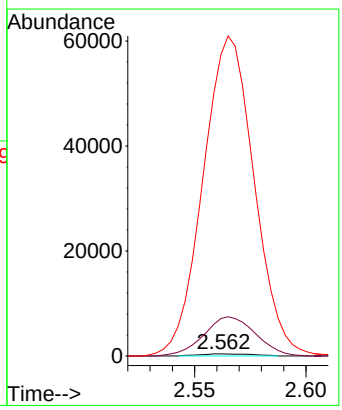


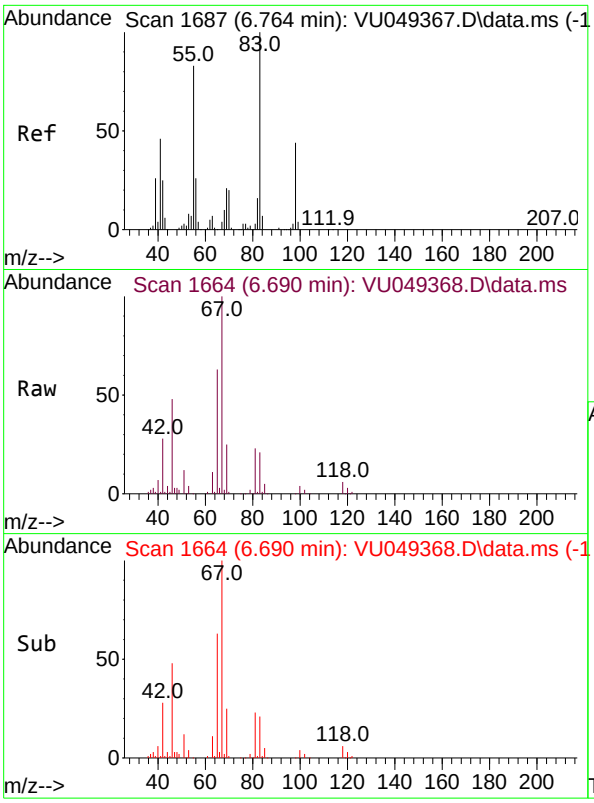


#12
1,1-Dichloroethene
Concen: 0.467 ug/L
RT: 2.562 min Scan# 380
Delta R.T. -0.016 min
Lab File: VU049368.D
Acq: 23 Jun 2022 10:48

Tgt Ion: 96 Resp: 663

Ion	Ratio	Lower	Upper
96	100		
61	1751.1	123.5	229.3#
63	14101.2	86.0	159.8#



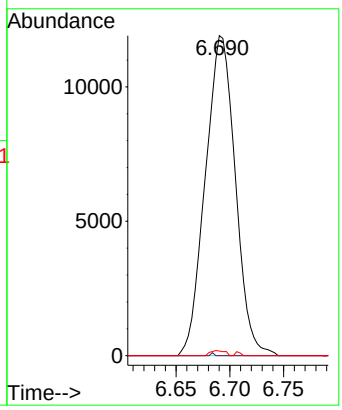


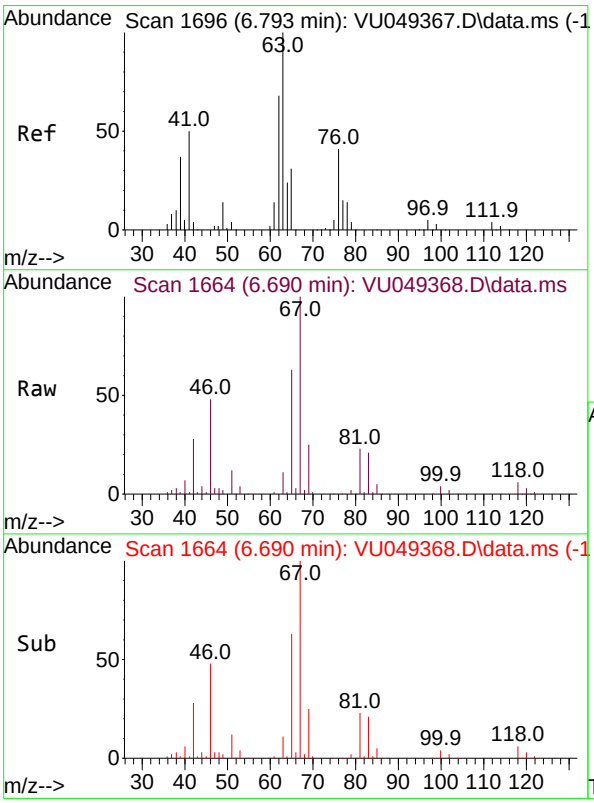
#35
Methylcyclohexane
Concen: 9.510 ug/L
RT: 6.690 min Scan# 1
Delta R.T. -0.074 min
Lab File: VU049368.D
Acq: 23 Jun 2022 10:48

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 23117

Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.0	91.6#
98	0.7	36.8	55.2#

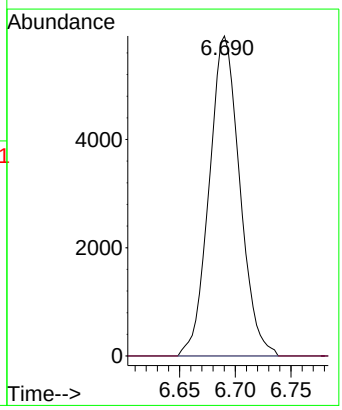


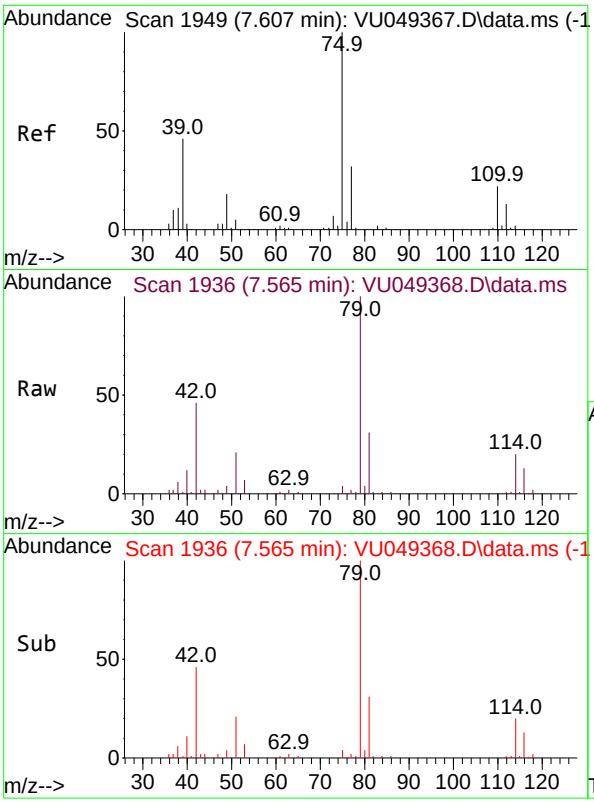


#37
1,2-Dichloropropane
Concen: 5.800 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.103 min
Lab File: VU049368.D
Acq: 23 Jun 2022 10:48

Tgt Ion: 63 Resp: 11300

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#



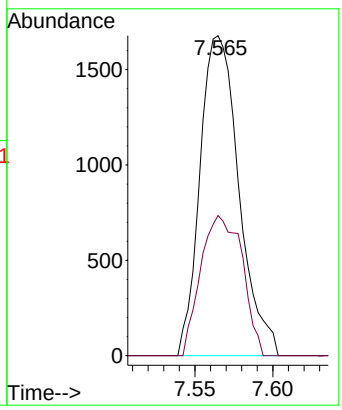


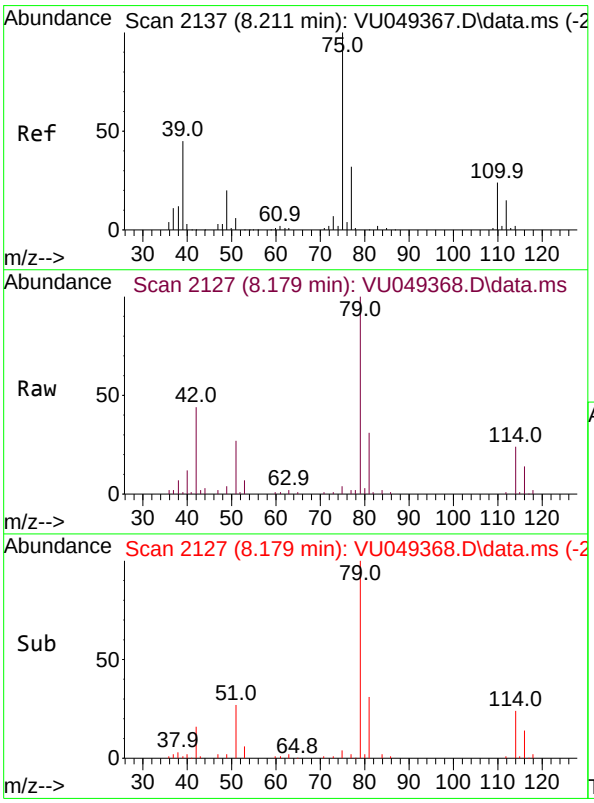
#39
cis-1,3-Dichloropropene
Concen: 1.018 ug/L
RT: 7.565 min Scan# 1
Delta R.T. -0.042 min
Lab File: VU049368.D
Acq: 23 Jun 2022 10:48

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 2917

Ion	Ratio	Lower	Upper
75	100		
77	43.8	22.6	42.0#

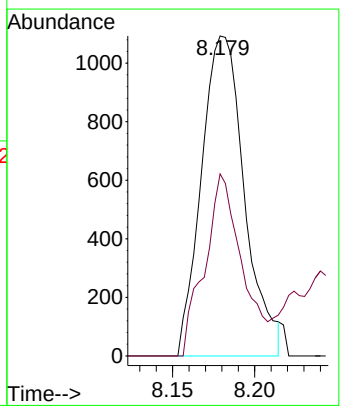


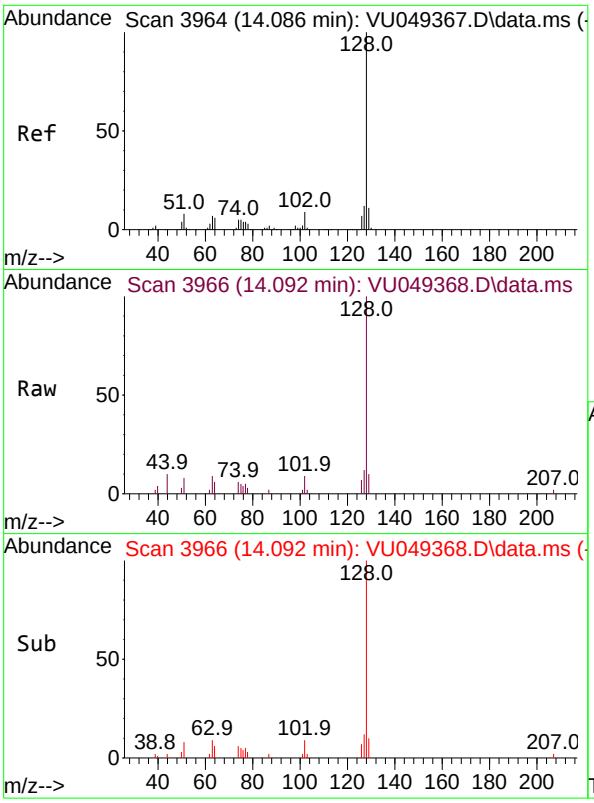


#44
trans-1,3-Dichloropropene
Concen: 0.701 ug/L
RT: 8.179 min Scan# 2127
Delta R.T. -0.032 min
Lab File: VU049368.D
Acq: 23 Jun 2022 10:48

Tgt Ion: 75 Resp: 1991

Ion	Ratio	Lower	Upper
75	100		
77	56.9	21.9	40.7#





#71
Naphthalene
Concen: 1.734 ug/L
RT: 14.092 min Scan# 3
Delta R.T. 0.006 min
Lab File: VU049368.D
Acq: 23 Jun 2022 10:48

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 11419

Ion	Ratio	Lower	Upper
128	100		
127	11.6	10.2	15.4
129	7.1	8.6	12.8#