Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071522\
Data File : VU049729.D
Acq On : 15 Jul 2022 12:08
Operator : SY/MD
Sample : N3721-22
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VHBLK002

Quant Time: Jul 15 23:05:07 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM071122WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 15 23:03:46 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	202444	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	190429	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	82806	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	67299	39.400	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 78.800%			
7) Chloroethane-d5	1.906	69	54480	44.125	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 88.240%			
11) 1,1-Dichloroethene-d2	2.562	63	92116	30.531	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 61.060%			
21) 2-Butanone-d5	4.623	46	155553	106.678	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 106.680%			
24) Chloroform-d	5.063	84	151827	50.185	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.380%			
26) 1,2-Dichloroethane-d4	5.700	65	107433	52.469	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.940%			
32) Benzene-d6	5.729	84	277419	47.953	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.900%			
36) 1,2-Dichloropropane-d6	6.690	67	102322	52.584	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 105.160%			
41) Toluene-d8	7.899	98	234529	46.552	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.100%			
43) trans-1,3-Dichloroprop...	8.179	79	40578	49.495	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 98.980%			
47) 2-Hexanone-d5	8.632	63	84822	96.905	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 96.900%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	144017	52.895	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 105.780%			
66) 1,2-Dichlorobenzene-d4	12.192	152	85605	54.831	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 109.660%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	790	0.507	ug/L #	20
12) 1,1-Dichloroethene	2.562	96	558	0.386	ug/L #	1
35) Methylcyclohexane	6.694	83	22240	8.180	ug/L #	17
37) 1,2-Dichloropropane	6.694	63	11491	5.792	ug/L #	89
39) cis-1,3-Dichloropropene	7.568	75	3001	1.122	ug/L #	65
44) trans-1,3-Dichloropropene	8.182	75	1979	0.788	ug/L	90
60) 1,2,3-Trichloropropane	11.812	75	11579	5.250	ug/L #	69

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

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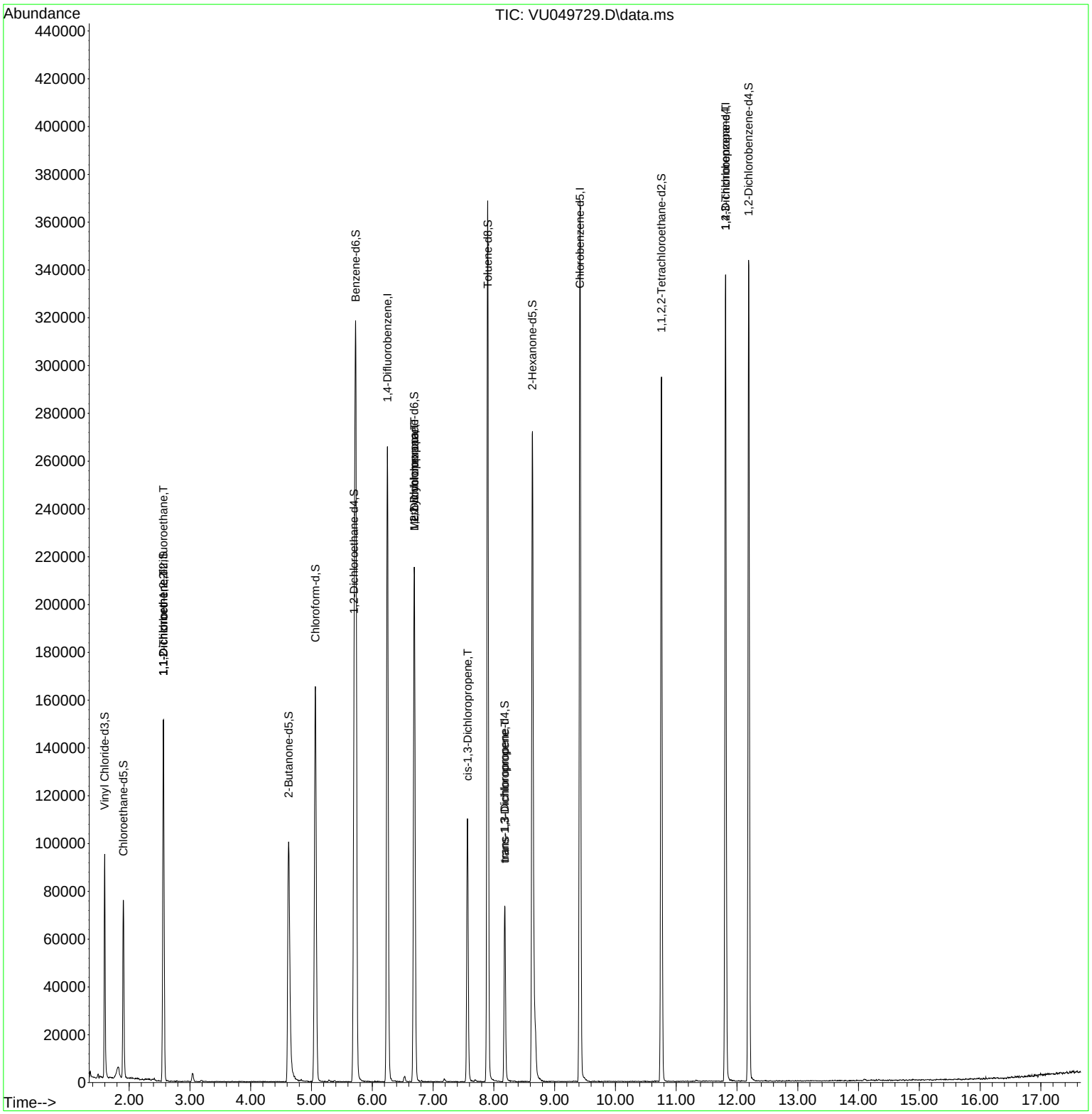
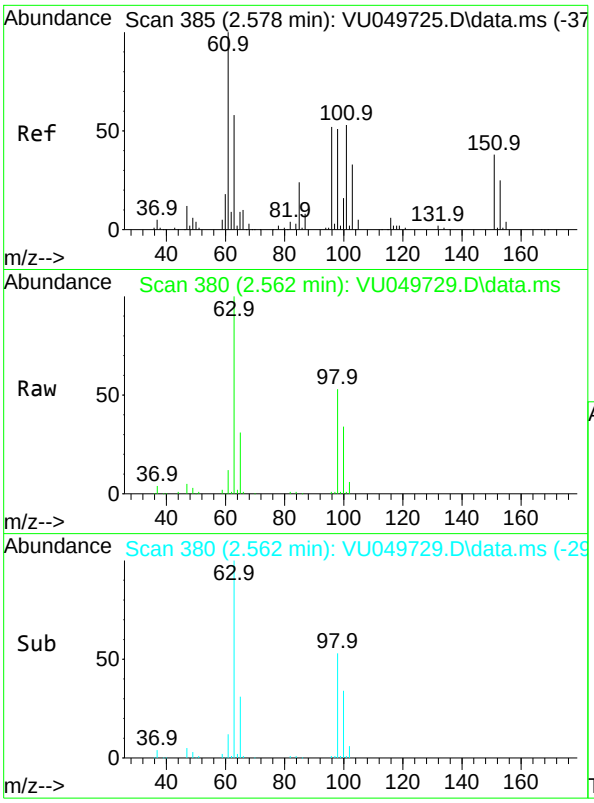


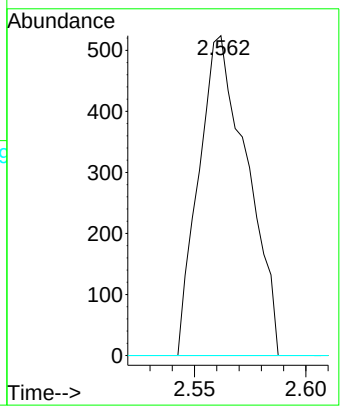


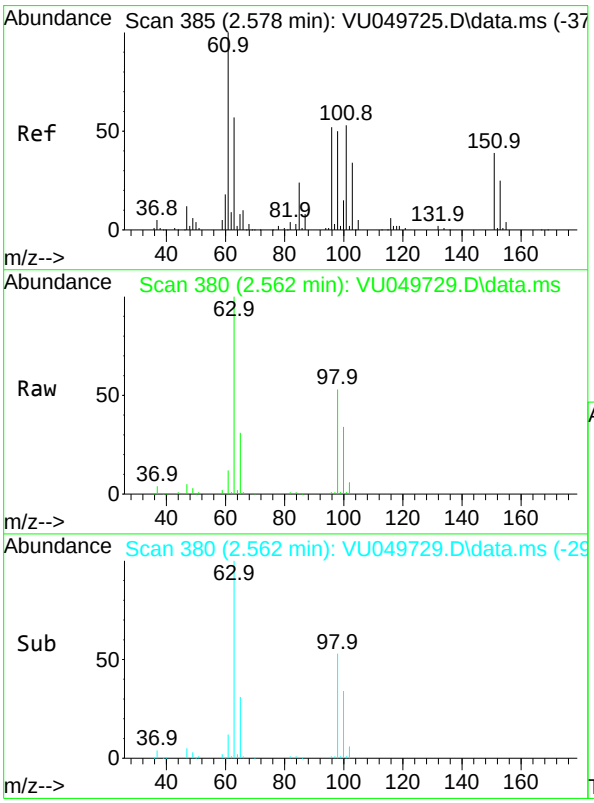
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.507 ug/L
RT: 2.562 min Scan# 3
Delta R.T. -0.016 min
Lab File: VU049729.D
Acq: 15 Jul 2022 12:08

Instrument :
MSVOA_U
ClientSampleId :
VHBLK002

Tgt Ion:101 Resp: 790

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

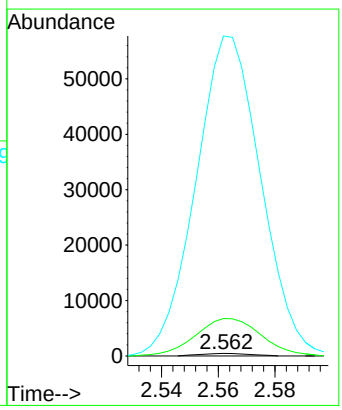


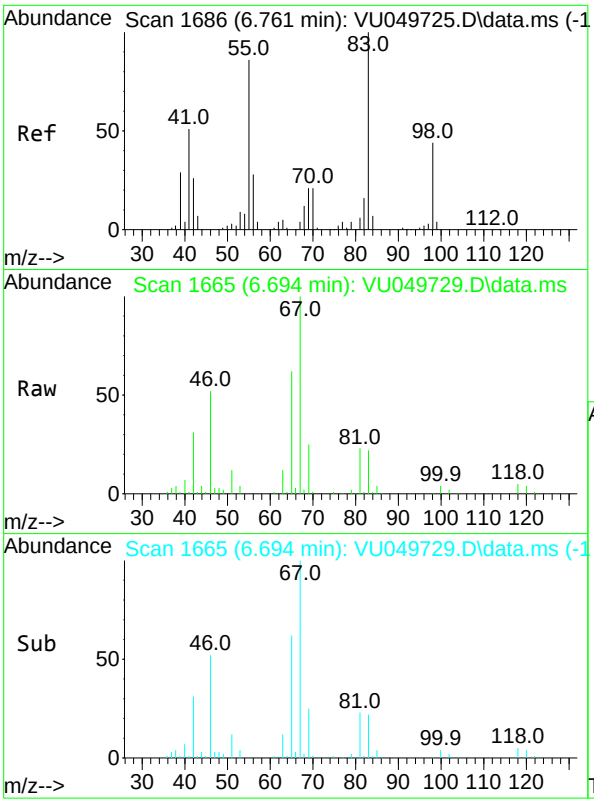


#12
1,1-Dichloroethene
Concen: 0.386 ug/L
RT: 2.562 min Scan# 380
Delta R.T. -0.016 min
Lab File: VU049729.D
Acq: 15 Jul 2022 12:08

Tgt Ion: 96 Resp: 558

Ion	Ratio	Lower	Upper
96	100		
61	1491.2	129.6	240.6#
63	12718.9	79.0	146.6#



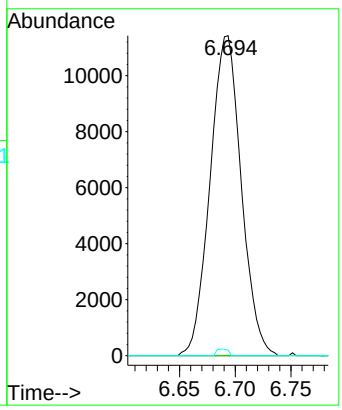


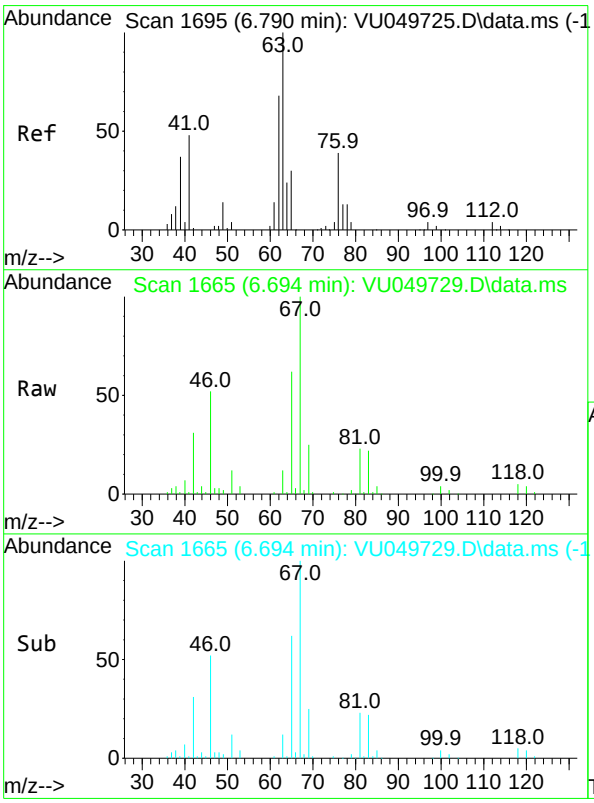
#35
Methylcyclohexane
Concen: 8.180 ug/L
RT: 6.694 min Scan# 1
Delta R.T. -0.067 min
Lab File: VU049729.D
Acq: 15 Jul 2022 12:08

Instrument :
MSVOA_U
ClientSampleId :
VHBLK002

Tgt Ion: 83 Resp: 22240

Ion	Ratio	Lower	Upper
83	100		
55	0.0	66.0	99.0#
98	0.8	34.6	51.8#

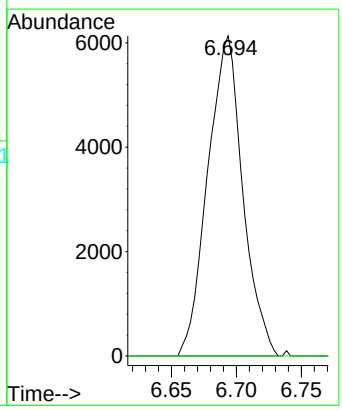


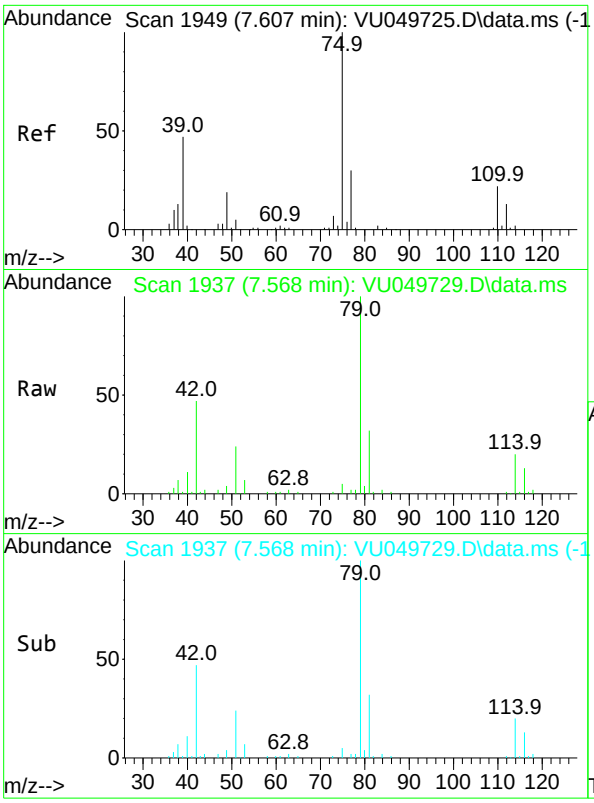


#37
1,2-Dichloropropane
Concen: 5.792 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.096 min
Lab File: VU049729.D
Acq: 15 Jul 2022 12:08

Tgt Ion: 63 Resp: 11491

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.8	4.2#



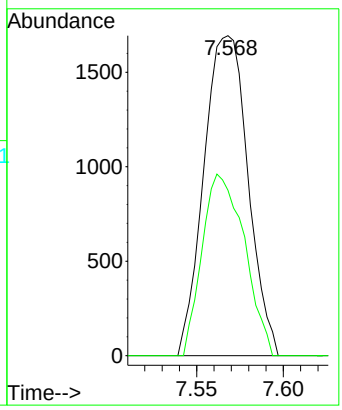


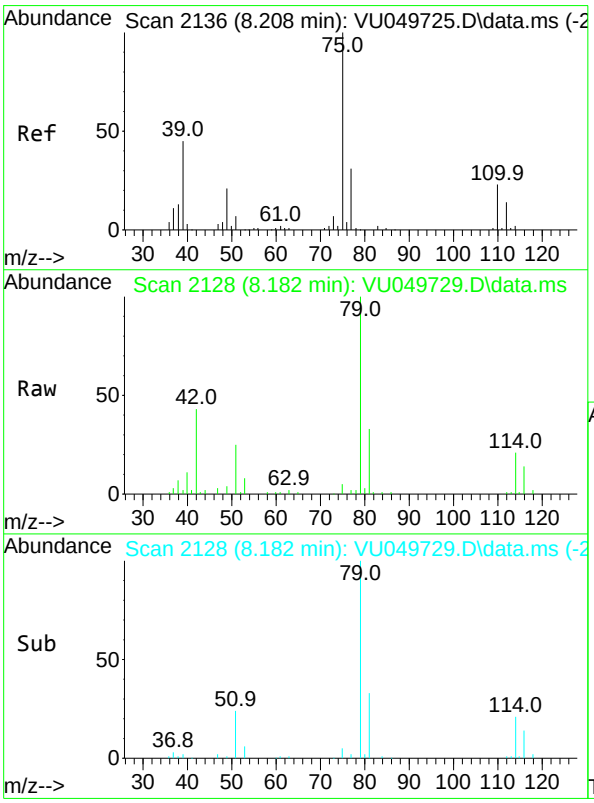
#39
cis-1,3-Dichloropropene
Concen: 1.122 ug/L
RT: 7.568 min Scan# 1
Delta R.T. -0.039 min
Lab File: VU049729.D
Acq: 15 Jul 2022 12:08

Instrument :
MSVOA_U
ClientSampleId :
VHBLK002

Tgt Ion: 75 Resp: 3001

Ion	Ratio	Lower	Upper
75	100		
77	51.7	22.6	42.0#

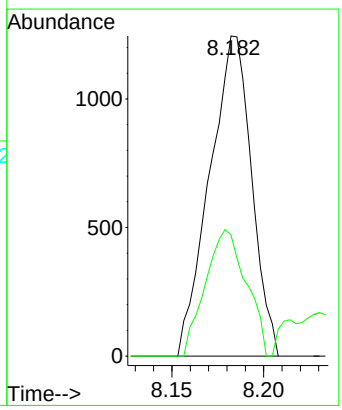


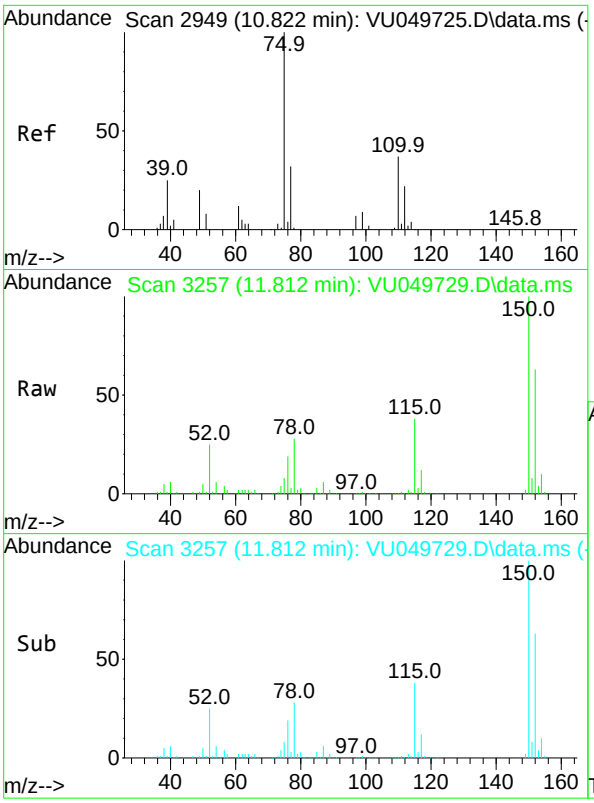


#44
trans-1,3-Dichloropropene
Concen: 0.788 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.026 min
Lab File: VU049729.D
Acq: 15 Jul 2022 12:08

Tgt Ion: 75 Resp: 1979

Ion	Ratio	Lower	Upper
75	100		
77	37.8	22.5	41.9





#60
1,2,3-Trichloropropane
Concen: 5.250 ug/L
RT: 11.812 min Scan# 3
Delta R.T. 0.990 min
Lab File: VU049729.D
Acq: 15 Jul 2022 12:08

Instrument :
MSVOA_U
ClientSampleId :
VHBLK002

Tgt Ion: 75 Resp: 11579

Ion	Ratio	Lower	Upper
75	100		
77	31.2	25.5	38.3
110	2.7	28.9	43.3#