Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092823\
Data File : VU055588.D
Acq On : 28 Sep 2023 19:14
Operator : MD/SY
Sample : 04530-12DL 4X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Sep 29 02:15:40 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Sep 27 23:33:30 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	190925	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	197603	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	98098	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	71801	3.721	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 74.400%			
7) Chloroethane-d5	1.914	69	66891	3.934	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 78.600%			
11) 1,1-Dichloroethene-d2	2.566	65	29374	3.698	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 74.000%			
20) 2-Butanone-d5	4.631	46	146727	42.097	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 84.200%			
24) Chloroform-d	5.062	84	151401	4.338	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.800%			
26) 1,2-Dichloroethane-d4	5.701	65	71749	4.274	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.400%			
32) Benzene-d6	5.727	84	282066	4.081	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 81.600%			
36) 1,2-Dichloropropane-d6	6.689	67	88500	4.285	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 85.800%			
41) Toluene-d8	7.897	98	236025	3.747	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 75.000%			
43) trans-1,3-Dichloroprop...	8.177	79	29036	4.006	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 80.200%			
46) 2-Hexanone-d5	8.634	63	82624	37.482	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 74.960%			
56) 1,1,2,2-Tetrachloroeth...	10.753	84	67365	4.353	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 87.000%			
66) 1,2-Dichlorobenzene-d4	12.193	152	83936	4.239	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 84.800%			
Target Compounds						Qvalue
5) Vinyl chloride	1.605	62	10457	0.593	ug/L	83
16) Methylene chloride	3.046	84	11185	0.699	ug/L	96
22) cis-1,2-Dichloroethene	4.666	96	64453	4.132	ug/L	97
35) Methylcyclohexane	6.685	83	21515	0.928	ug/L #	20
37) 1,2-Dichloropropane	6.685	63	9725	0.654	ug/L #	90
39) cis-1,3-Dichloropropene	7.566	75	2328	0.117	ug/L #	73
48) 2-Hexanone	8.685	43	17806	3.405	ug/L #	87
61) 1,2,3-Trichloropropane	11.810	75	12844	1.677	ug/L #	66

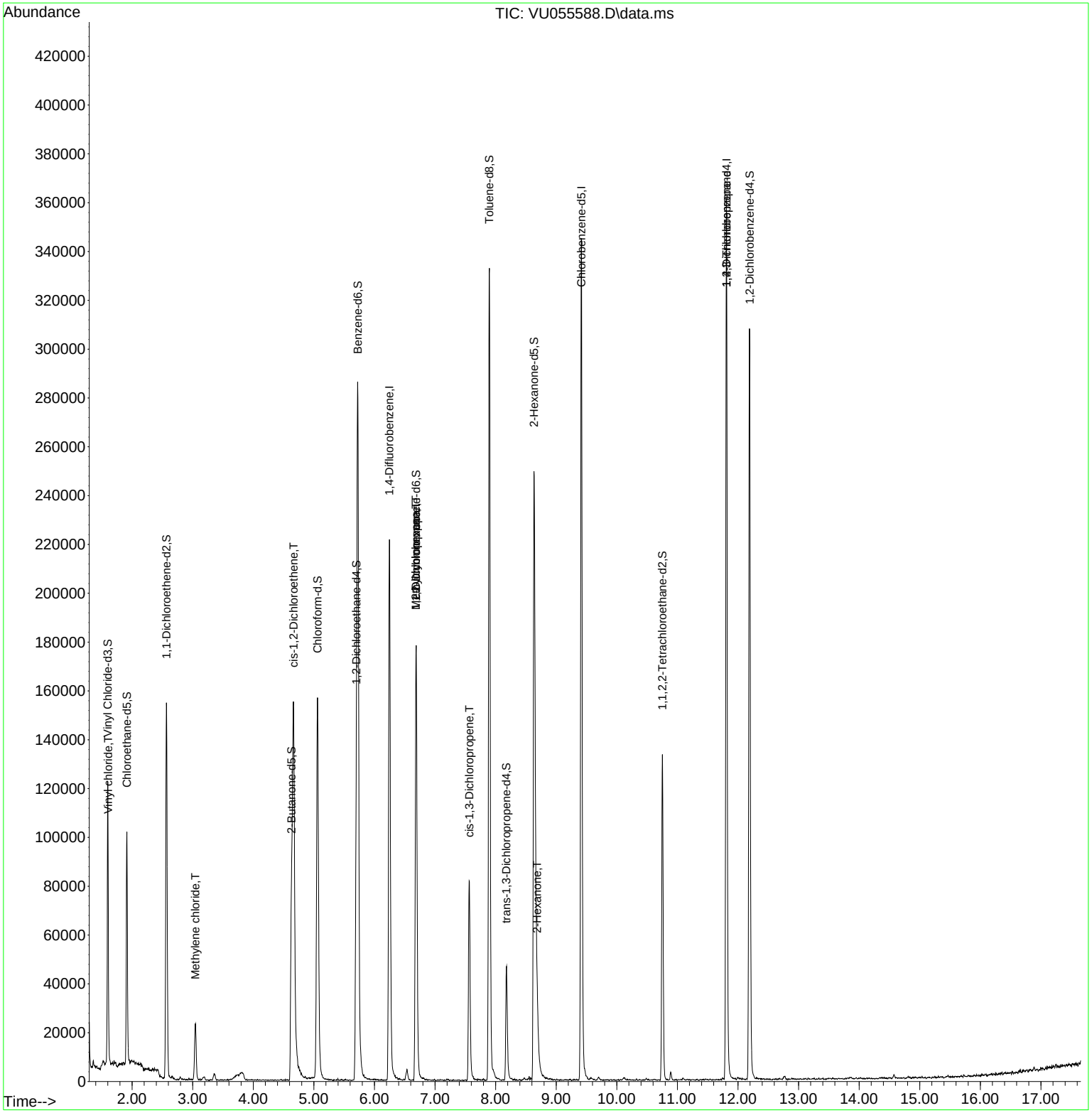
(#) = qualifier out of range (m) = manual integration (+) = signals summed

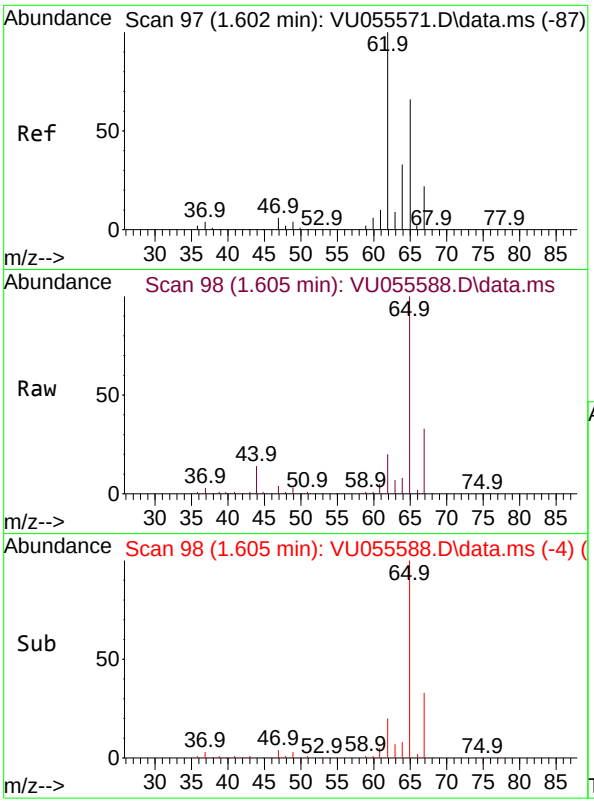
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092823\
Data File : VU055588.D
Acq On : 28 Sep 2023 19:14
Operator : MD/SY
Sample : 04530-12DL 4X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Sep 29 02:15:40 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Sep 27 23:33:30 2023
Response via : Initial Calibration



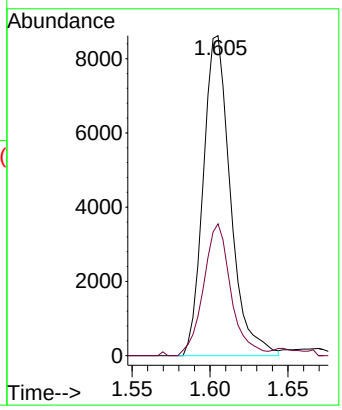


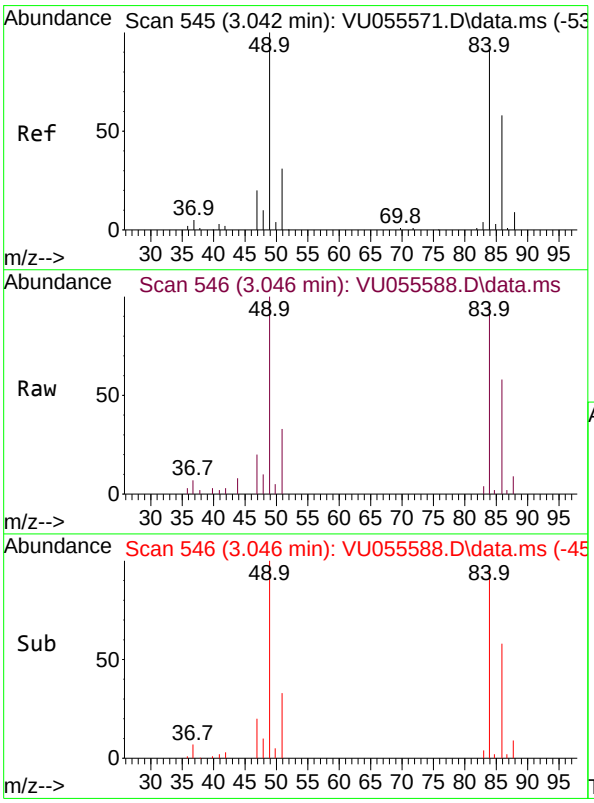
#5
Vinyl chloride
Concen: 0.593 ug/L
RT: 1.605 min Scan# 9
Delta R.T. 0.003 min
Lab File: VU055588.D
Acq: 28 Sep 2023 19:14

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 62 Resp: 10457

Ion	Ratio	Lower	Upper
62	100		
64	41.2	22.3	41.5

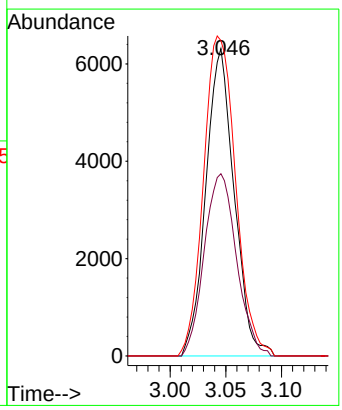


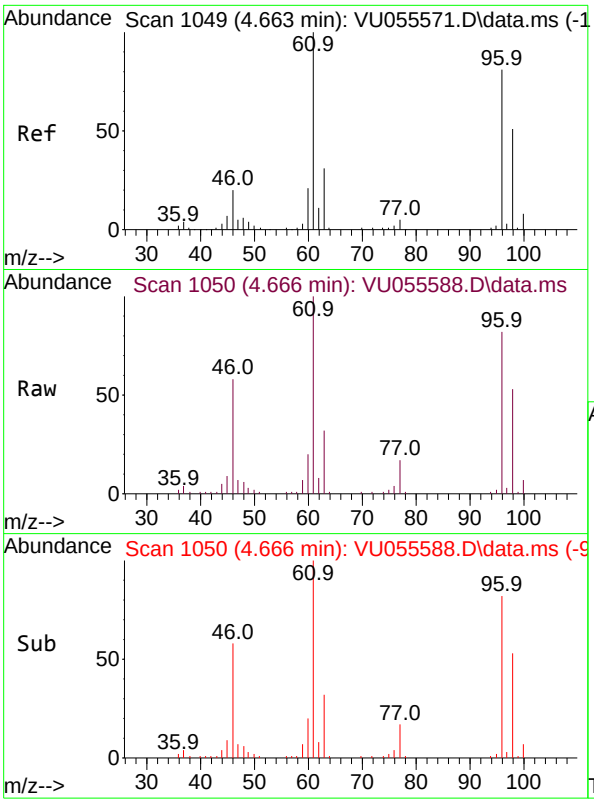


#16
Methylene chloride
Concen: 0.699 ug/L
RT: 3.046 min Scan# 546
Delta R.T. 0.003 min
Lab File: VU055588.D
Acq: 28 Sep 2023 19:14

Tgt Ion: 84 Resp: 11185

Ion	Ratio	Lower	Upper
84	100		
86	61.1	44.9	83.3
49	107.6	78.8	146.3



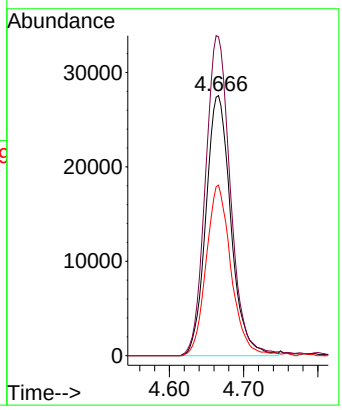


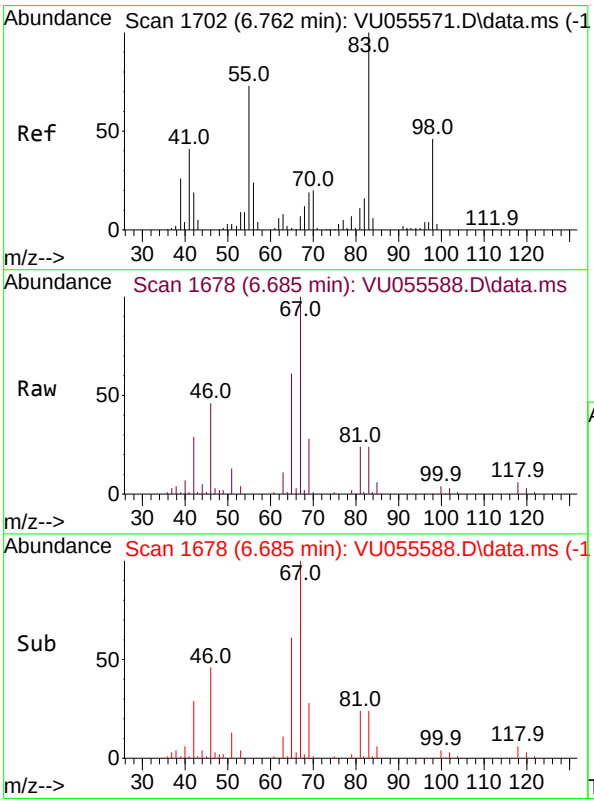
#22
cis-1,2-Dichloroethene
Concen: 4.132 ug/L
RT: 4.666 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU055588.D
Acq: 28 Sep 2023 19:14

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 64453

Ion	Ratio	Lower	Upper
96	100		
61	122.6	87.8	163.2
98	65.5	44.4	82.4

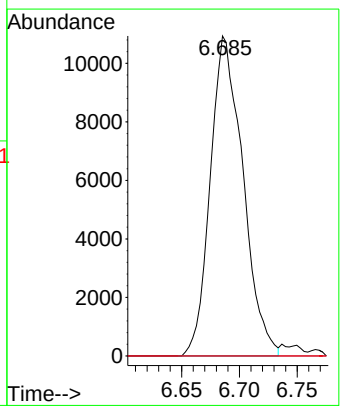


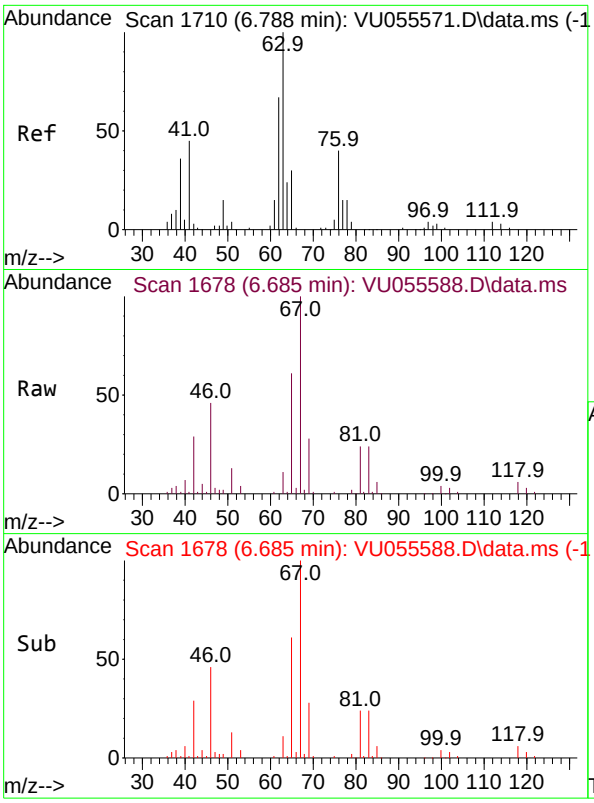


#35
Methylcyclohexane
Concen: 0.928 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU055588.D
Acq: 28 Sep 2023 19:14

Tgt Ion: 83 Resp: 21515

Ion	Ratio	Lower	Upper
83	100		
55	0.0	59.1	88.7#
98	0.5	36.3	54.5#



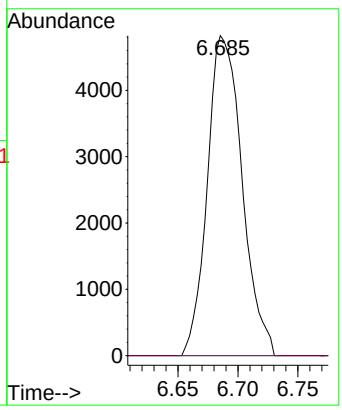


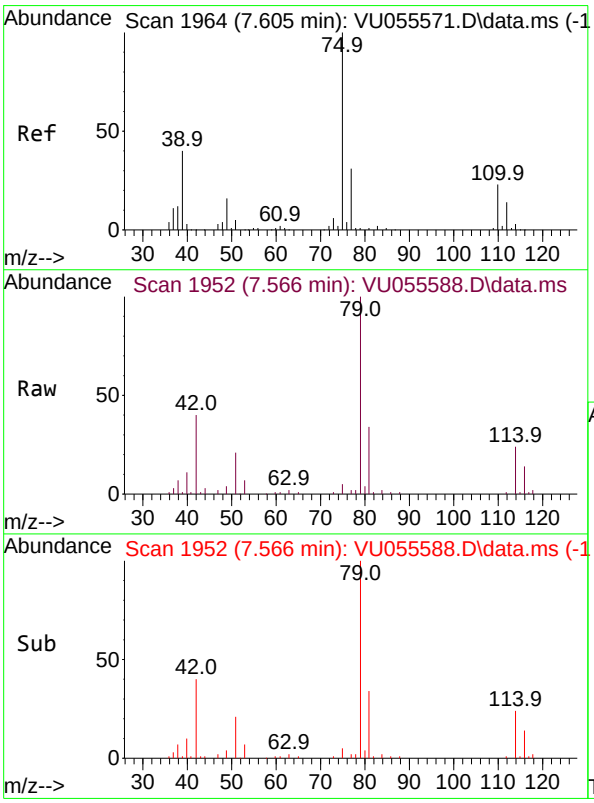
#37
1,2-Dichloropropane
Concen: 0.654 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU055588.D
Acq: 28 Sep 2023 19:14

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 9725

Ion	Ratio	Lower	Upper
63	100		
112	0.5	3.0	4.6#

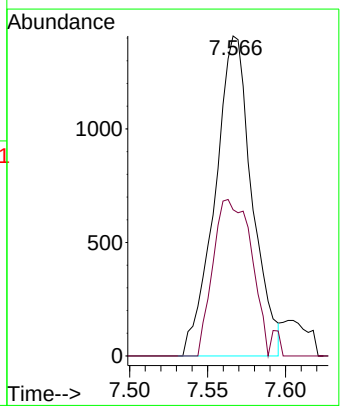


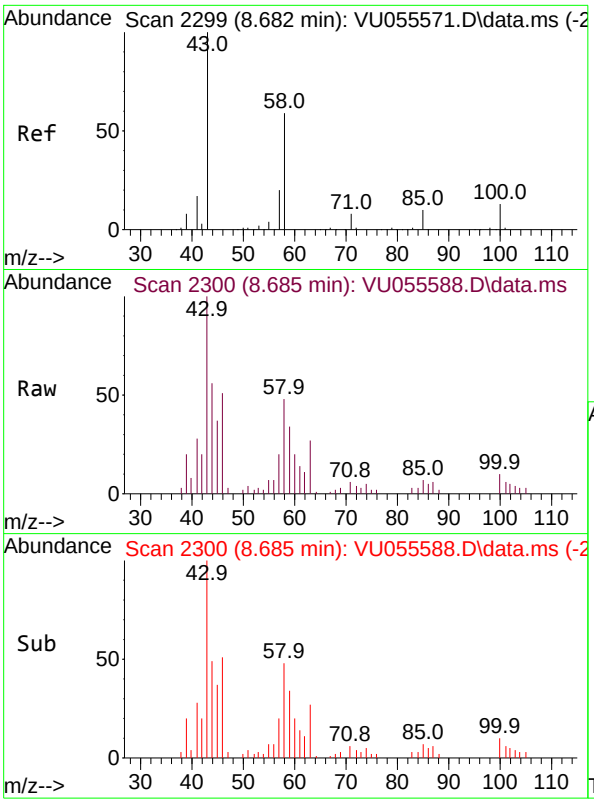


#39
cis-1,3-Dichloropropene
Concen: 0.117 ug/L
RT: 7.566 min Scan# 1952
Delta R.T. -0.039 min
Lab File: VU055588.D
Acq: 28 Sep 2023 19:14

Tgt Ion: 75 Resp: 2328

Ion	Ratio	Lower	Upper
75	100		
77	45.7	21.6	40.2#



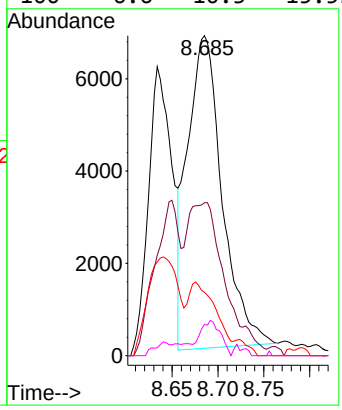


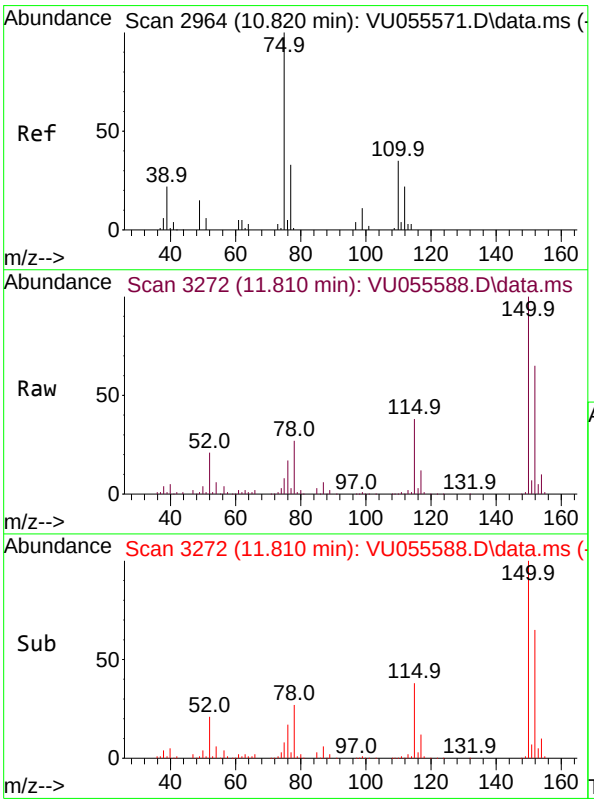
#48
2-Hexanone
Concen: 3.405 ug/L
RT: 8.685 min Scan# 2
Delta R.T. 0.003 min
Lab File: VU055588.D
Acq: 28 Sep 2023 19:14

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 17806

Ion	Ratio	Lower	Upper
43	100		
58	51.7	48.5	72.7
57	14.9	17.0	25.4#
100	6.6	10.3	15.5#





#61
1,2,3-Trichloropropane
Concen: 1.677 ug/L
RT: 11.810 min Scan# 3272
Delta R.T. 0.990 min
Lab File: VU055588.D
Acq: 28 Sep 2023 19:14

Tgt Ion: 75 Resp: 12844

Ion	Ratio	Lower	Upper
75	100		
110	2.2	30.6	45.8#
77	30.9	26.7	40.1