Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092723\
Data File : VU055560.D
Acq On : 27 Sep 2023 18:49
Operator : MD/SY
Sample : 04530-10DL 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Sep 27 23:37:13 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	200706	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	210578	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	105869	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	94041	4.636	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 92.800%			
7) Chloroethane-d5	1.914	69	78582	4.396	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 88.000%			
11) 1,1-Dichloroethene-d2	2.566	65	38317	4.589	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 91.800%			
20) 2-Butanone-d5	4.627	46	174767	47.699	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 95.400%			
24) Chloroform-d	5.058	84	172640	4.705	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.200%			
26) 1,2-Dichloroethane-d4	5.698	65	82686	4.685	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.600%			
32) Benzene-d6	5.724	84	340969	4.629	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.600%			
36) 1,2-Dichloropropane-d6	6.688	67	104509	4.749	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.000%			
41) Toluene-d8	7.897	98	296463	4.416	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.400%			
43) trans-1,3-Dichloroprop...	8.177	79	36035	4.666	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 93.400%			
46) 2-Hexanone-d5	8.634	63	96465	41.064	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 82.120%			
56) 1,1,2,2-Tetrachloroeth...	10.753	84	79953	4.848	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.000%			
66) 1,2-Dichlorobenzene-d4	12.193	152	103832	4.859	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.200%			
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	398207	21.472	ug/L	99
16) Methylene chloride	3.042	84	7239	0.431	ug/L	96
22) cis-1,2-Dichloroethene	4.666	96	37669	2.297	ug/L	98
35) Methylcyclohexane	6.688	83	23754	0.962	ug/L #	22
37) 1,2-Dichloropropane	6.688	63	11286	0.712	ug/L #	90
48) 2-Hexanone	8.682	43	19982	3.586	ug/L #	91
61) 1,2,3-Trichloropropane	11.810	75	13222	1.600	ug/L #	66

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

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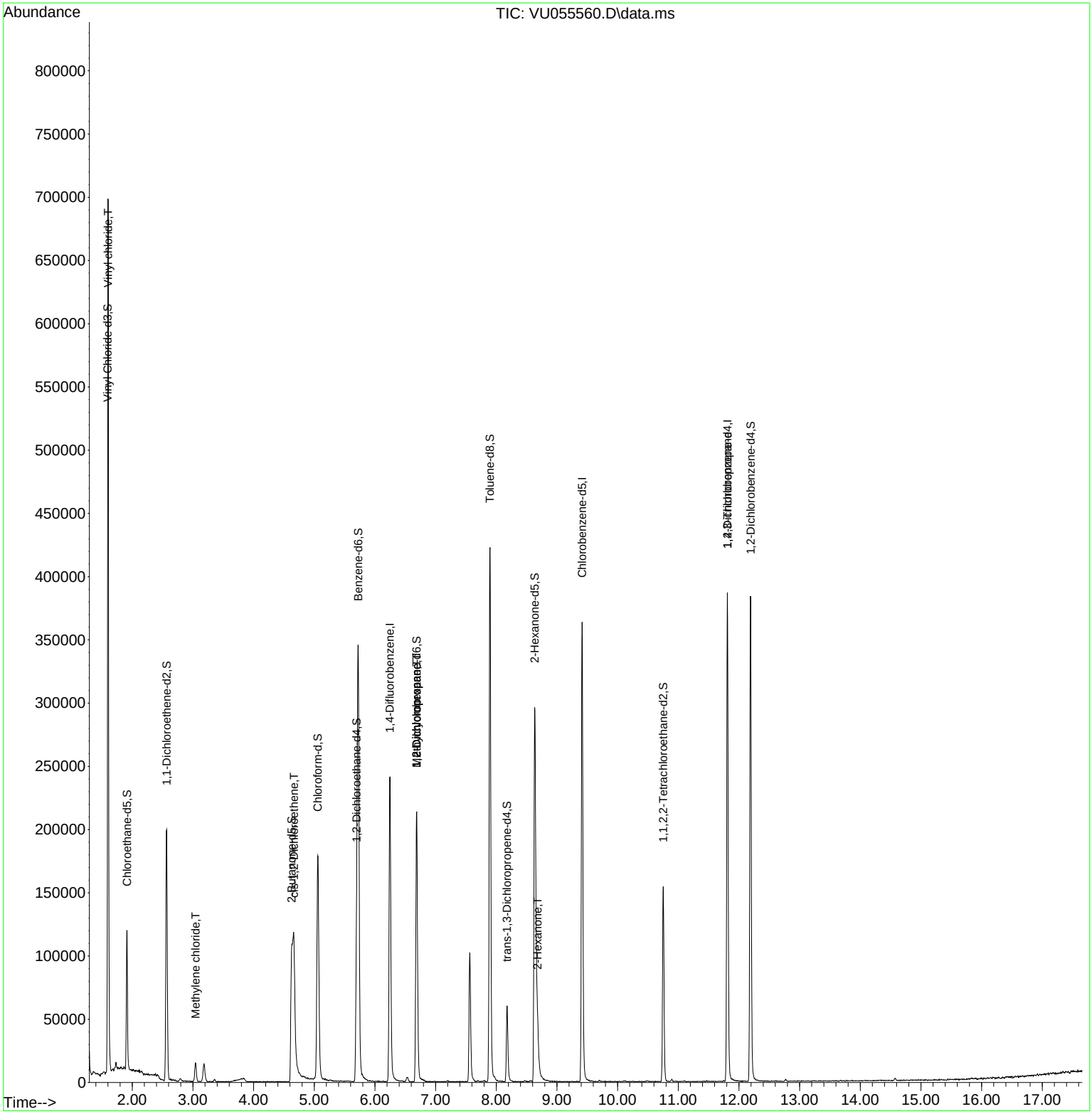
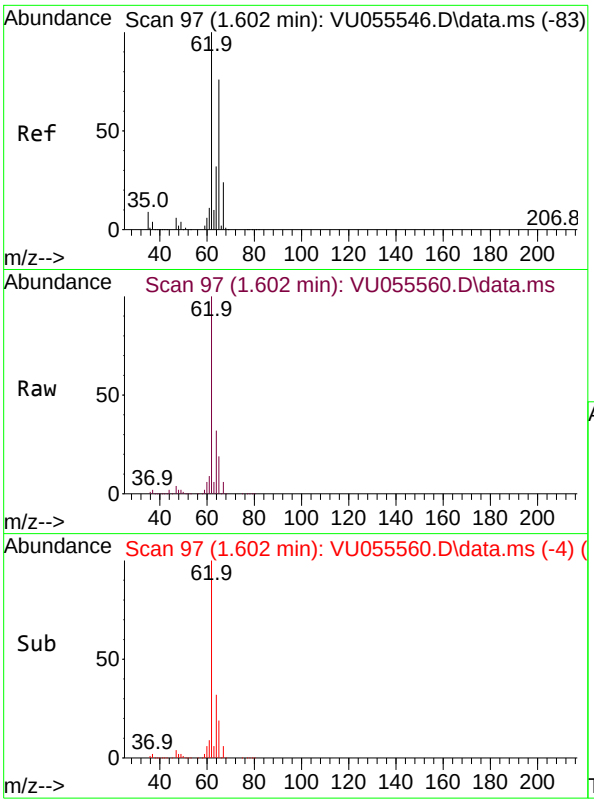
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Sep 27 23:33:30 2023
Response via : Initial Calibration



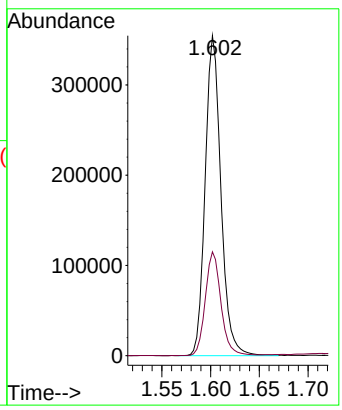


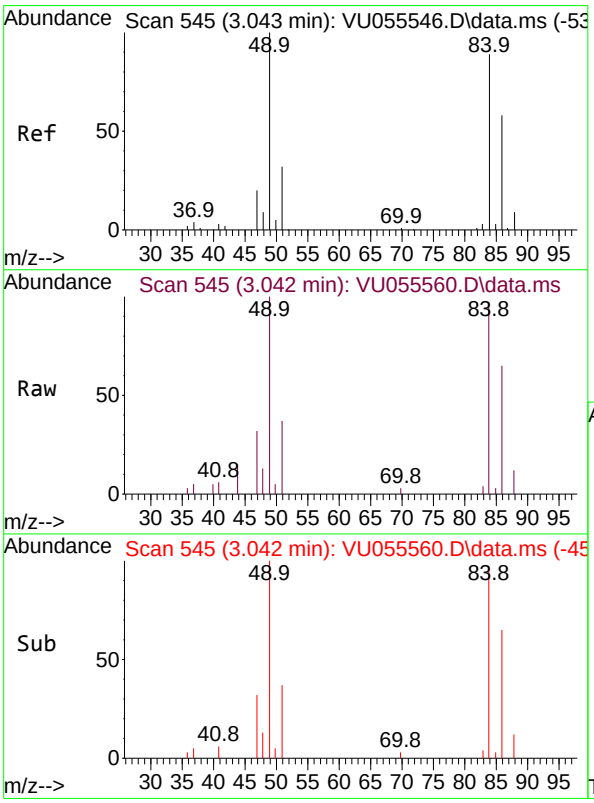
#5
Vinyl chloride
Concen: 21.472 ug/L
RT: 1.602 min Scan# 9
Delta R.T. -0.000 min
Lab File: VU055560.D
Acq: 27 Sep 2023 18:49

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 62 Resp: 398207

Ion	Ratio	Lower	Upper
62	100		
64	32.5	22.3	41.5

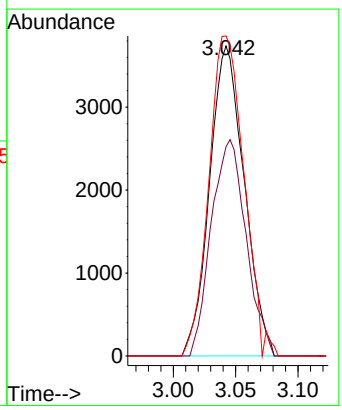


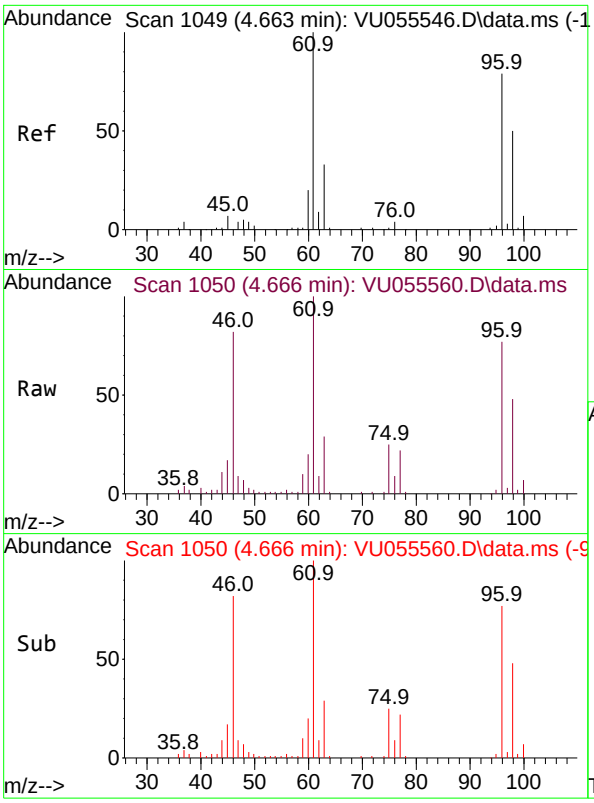


#16
Methylene chloride
Concen: 0.431 ug/L
RT: 3.042 min Scan# 545
Delta R.T. -0.001 min
Lab File: VU055560.D
Acq: 27 Sep 2023 18:49

Tgt Ion: 84 Resp: 7239

Ion	Ratio	Lower	Upper
84	100		
86	67.5	44.9	83.3
49	108.9	78.8	146.3



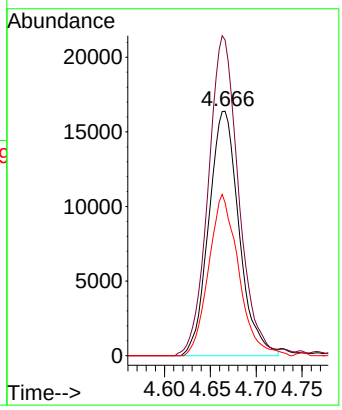


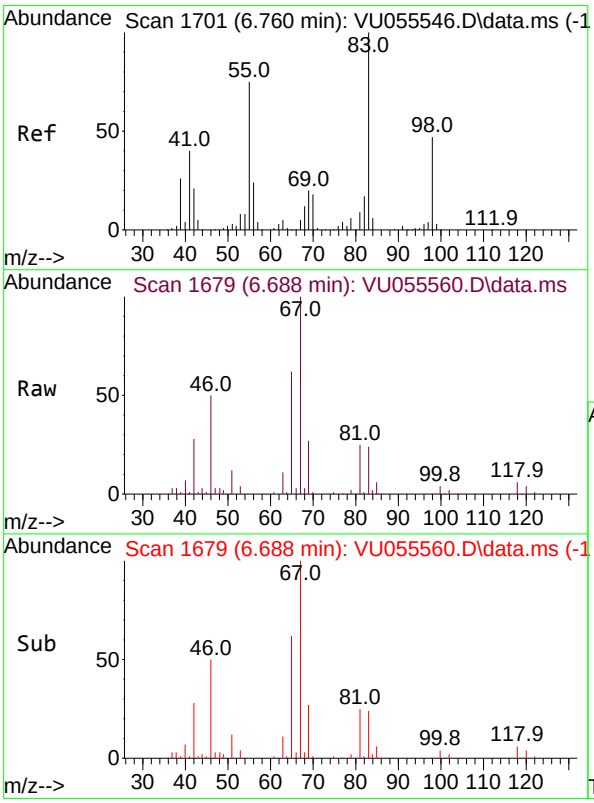
#22
cis-1,2-Dichloroethene
Concen: 2.297 ug/L
RT: 4.666 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU055560.D
Acq: 27 Sep 2023 18:49

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 37669

Ion	Ratio	Lower	Upper
96	100		
61	129.1	87.8	163.2
98	62.6	44.4	82.4

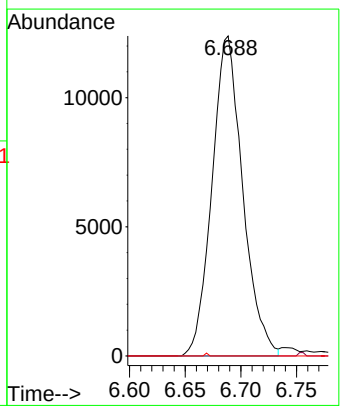


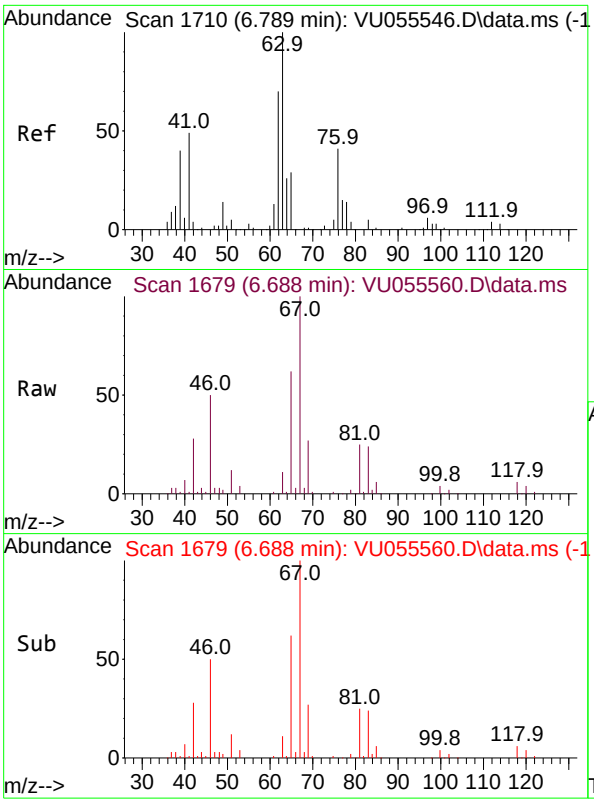


#35
Methylcyclohexane
Concen: 0.962 ug/L
RT: 6.688 min Scan# 1679
Delta R.T. -0.071 min
Lab File: VU055560.D
Acq: 27 Sep 2023 18:49

Tgt Ion: 83 Resp: 23754

Ion	Ratio	Lower	Upper
83	100		
55	0.2	59.1	88.7#
98	3.3	36.3	54.5#



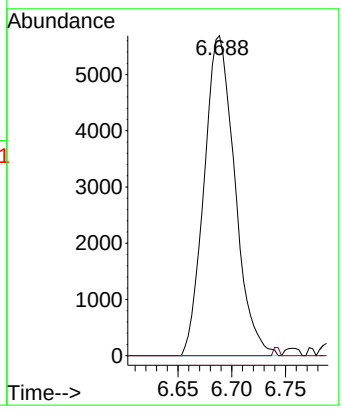


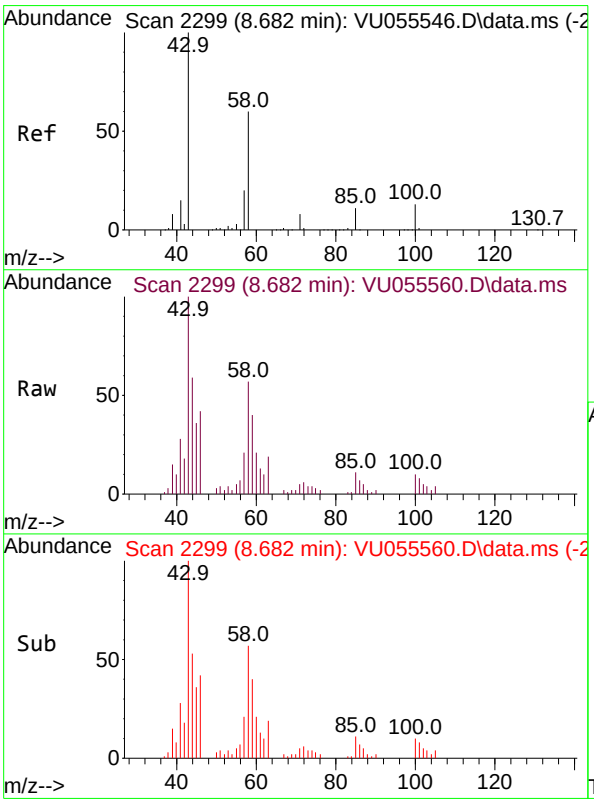
#37
1,2-Dichloropropane
Concen: 0.712 ug/L
RT: 6.688 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU055560.D
Acq: 27 Sep 2023 18:49

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 11286

Ion	Ratio	Lower	Upper
63	100		
112	0.5	3.0	4.6#

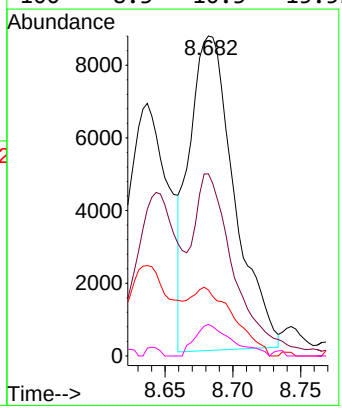


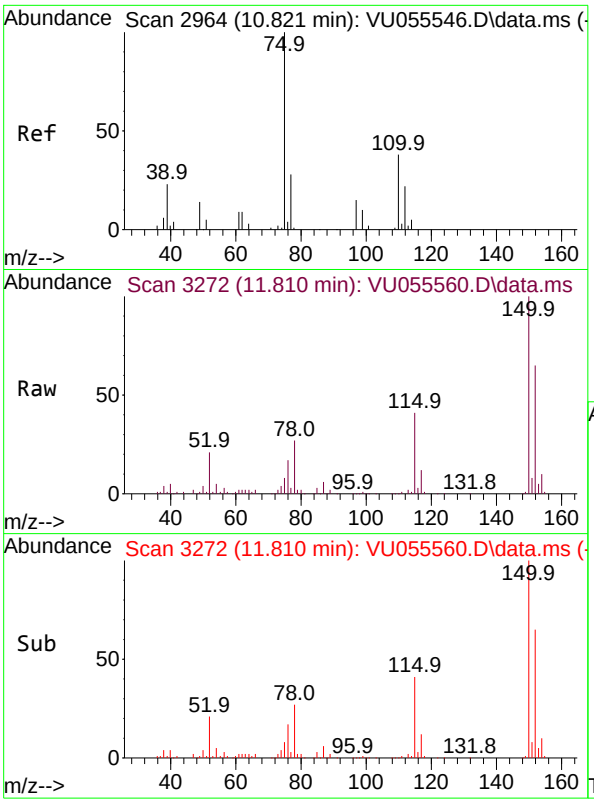


#48
2-Hexanone
Concen: 3.586 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. -0.001 min
Lab File: VU055560.D
Acq: 27 Sep 2023 18:49

Tgt Ion: 43 Resp: 19982

Ion	Ratio	Lower	Upper
43	100		
58	52.4	48.5	72.7
57	20.3	17.0	25.4
100	8.3	10.3	15.5#





#61
1,2,3-Trichloropropane
Concen: 1.600 ug/L
RT: 11.810 min Scan# 3
Delta R.T. 0.990 min
Lab File: VU055560.D
Acq: 27 Sep 2023 18:49

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 13222

Ion	Ratio	Lower	Upper
75	100		
110	3.1	30.6	45.8#
77	29.4	26.7	40.1