Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092723\
Data File : VU055564.D
Acq On : 27 Sep 2023 20:26
Operator : MD/SY
Sample : 04530-06 200X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Sep 27 23:38:08 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	193093	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	203675	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	98821	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	84953	4.353	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 87.000%			
7) Chloroethane-d5	1.911	69	71628	4.165	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 83.200%			
11) 1,1-Dichloroethene-d2	2.567	65	33978	4.230	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 84.600%			
20) 2-Butanone-d5	4.631	46	161316	45.763	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 91.520%			
24) Chloroform-d	5.058	84	156490	4.433	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.600%			
26) 1,2-Dichloroethane-d4	5.698	65	75051	4.420	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.400%			
32) Benzene-d6	5.724	84	308527	4.331	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.600%			
36) 1,2-Dichloropropane-d6	6.689	67	96687	4.542	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 90.800%			
41) Toluene-d8	7.894	98	262154	4.037	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 80.800%			
43) trans-1,3-Dichloroprop...	8.177	79	32099	4.297	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 86.000%			
46) 2-Hexanone-d5	8.631	63	82518	36.318	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 72.640%			
56) 1,1,2,2-Tetrachloroeth...	10.753	84	69848	4.379	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 87.600%			
66) 1,2-Dichlorobenzene-d4	12.190	152	91949	4.610	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.200%			
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	247432	13.868	ug/L	100
16) Methylene chloride	3.042	84	7821	0.484	ug/L	98
22) cis-1,2-Dichloroethene	4.663	96	241190	15.288	ug/L	99
35) Methylcyclohexane	6.689	83	22482	0.941	ug/L #	20
37) 1,2-Dichloropropane	6.689	63	9643	0.629	ug/L #	89
39) cis-1,3-Dichloropropene	7.560	75	2392	0.117	ug/L	91
48) 2-Hexanone	8.682	43	22396	4.155	ug/L #	81
61) 1,2,3-Trichloropropane	11.807	75	12239	1.587	ug/L #	67

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

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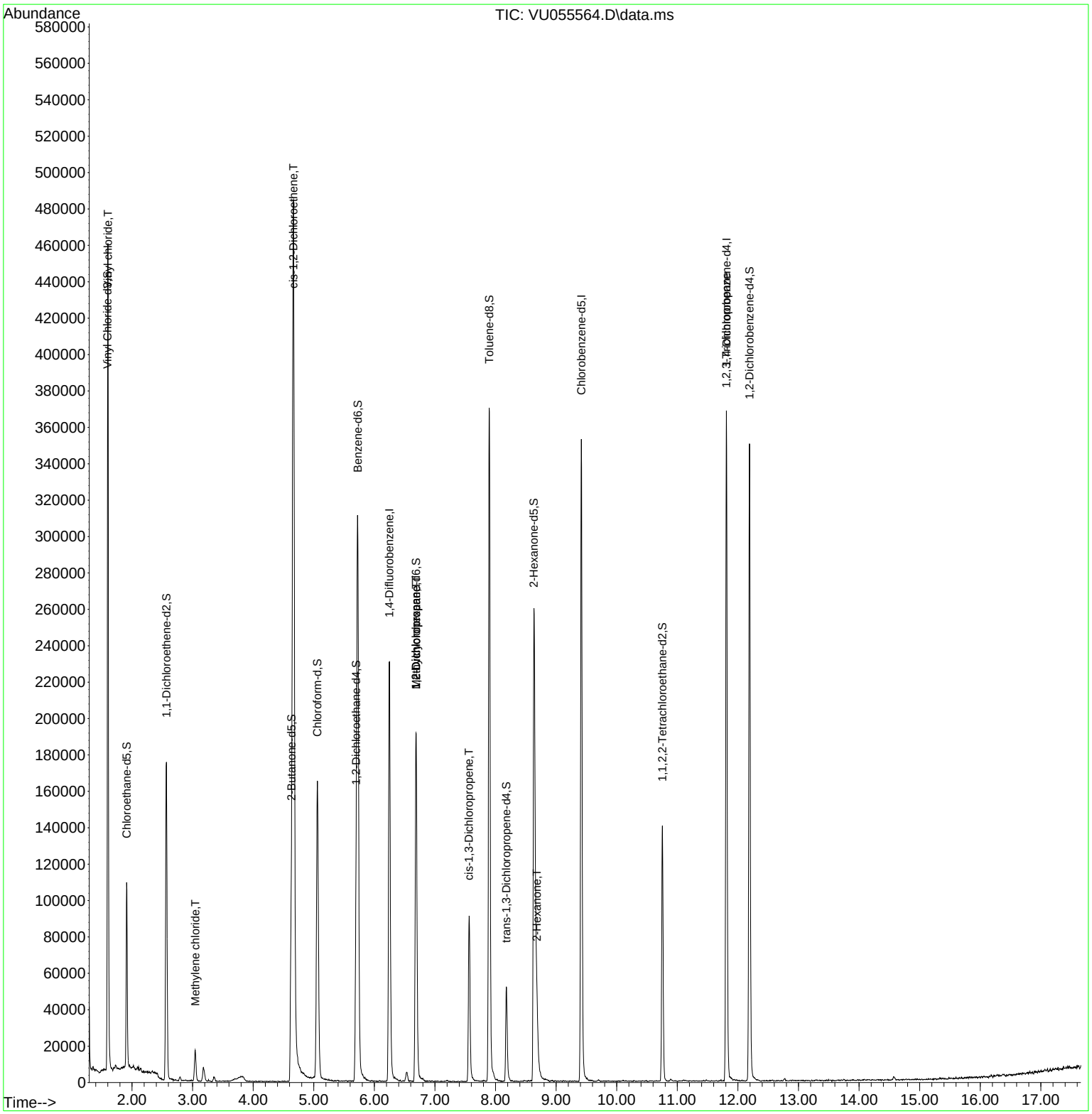
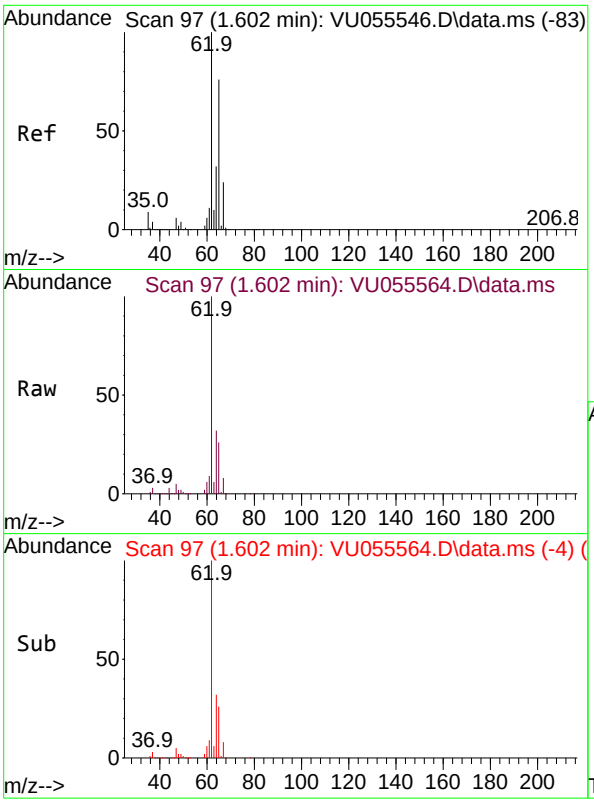


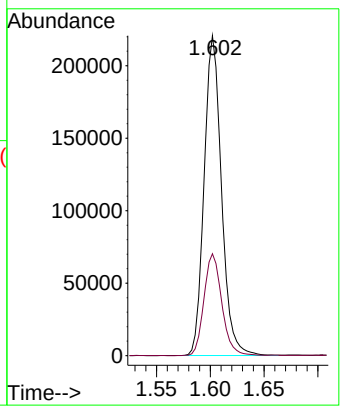


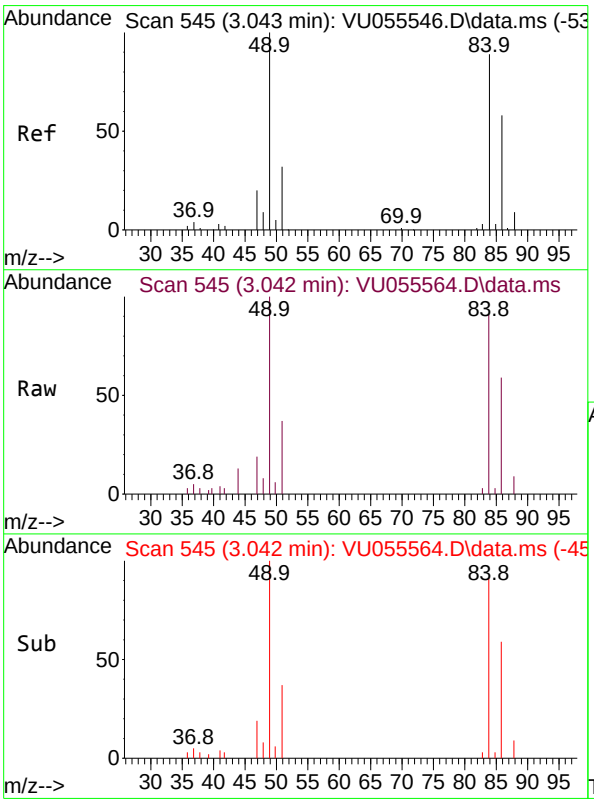
#5
Vinyl chloride
Concen: 13.868 ug/L
RT: 1.602 min Scan# 9
Delta R.T. -0.000 min
Lab File: VU055564.D
Acq: 27 Sep 2023 20:26

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 62 Resp: 247432

Ion	Ratio	Lower	Upper
62	100		
64	31.9	22.3	41.5

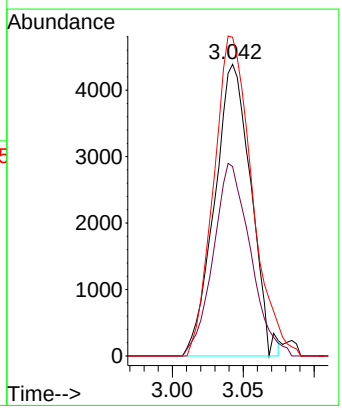


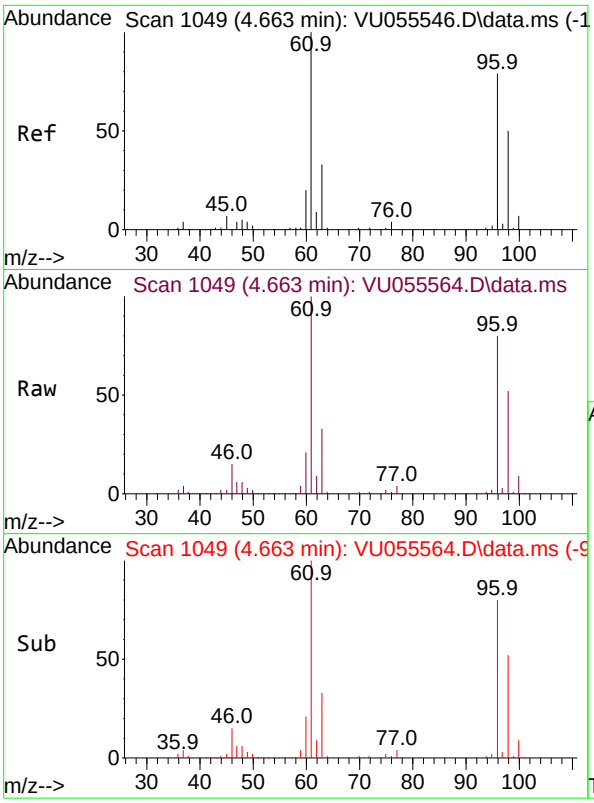


#16
Methylene chloride
Concen: 0.484 ug/L
RT: 3.042 min Scan# 545
Delta R.T. -0.000 min
Lab File: VU055564.D
Acq: 27 Sep 2023 20:26

Tgt Ion: 84 Resp: 7821

Ion	Ratio	Lower	Upper
84	100		
86	65.0	44.9	83.3
49	115.6	78.8	146.3



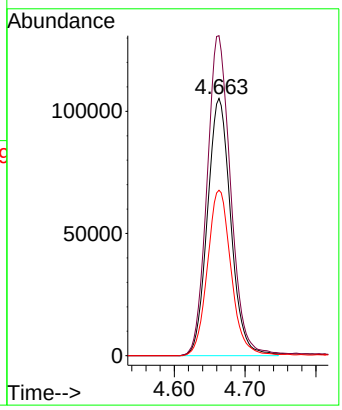


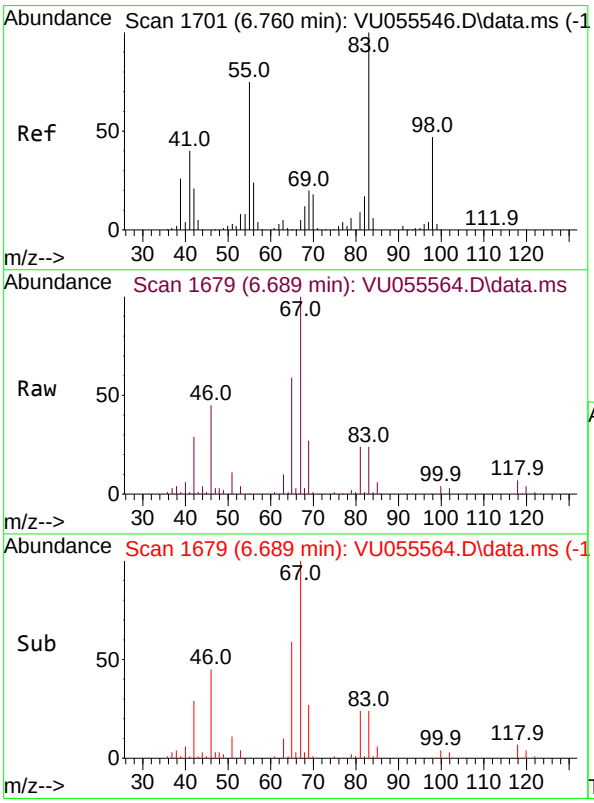
#22
cis-1,2-Dichloroethene
Concen: 15.288 ug/L
RT: 4.663 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU055564.D
Acq: 27 Sep 2023 20:26

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 241190

Ion	Ratio	Lower	Upper
96	100		
61	124.4	87.8	163.2
98	64.3	44.4	82.4

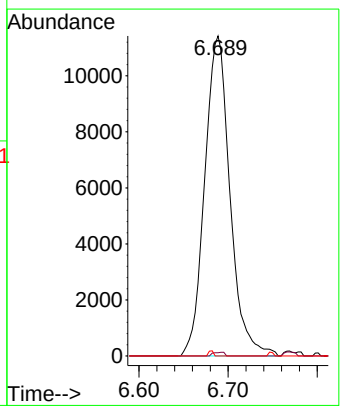


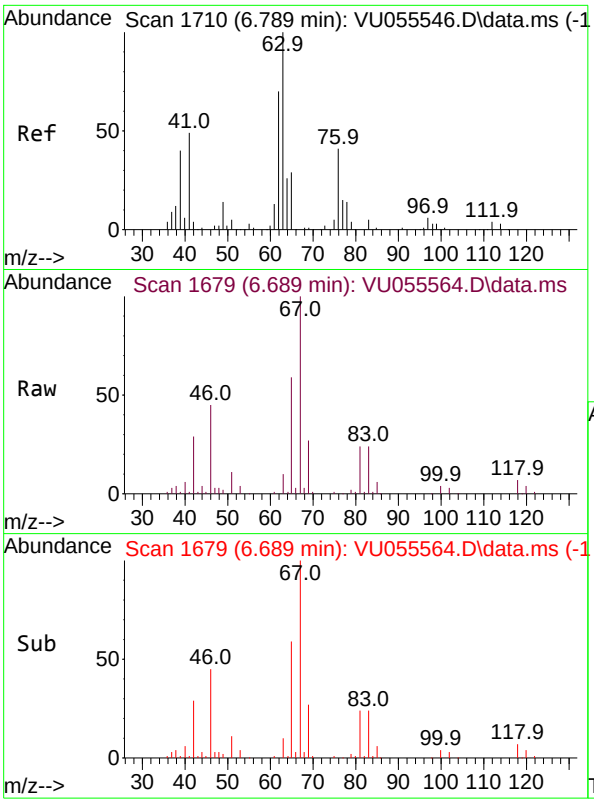


#35
Methylcyclohexane
Concen: 0.941 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.071 min
Lab File: VU055564.D
Acq: 27 Sep 2023 20:26

Tgt Ion: 83 Resp: 22482

Ion	Ratio	Lower	Upper
83	100		
55	0.5	59.1	88.7#
98	0.3	36.3	54.5#



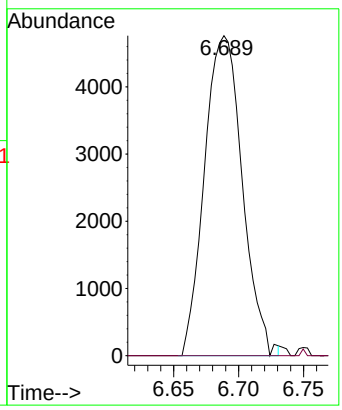


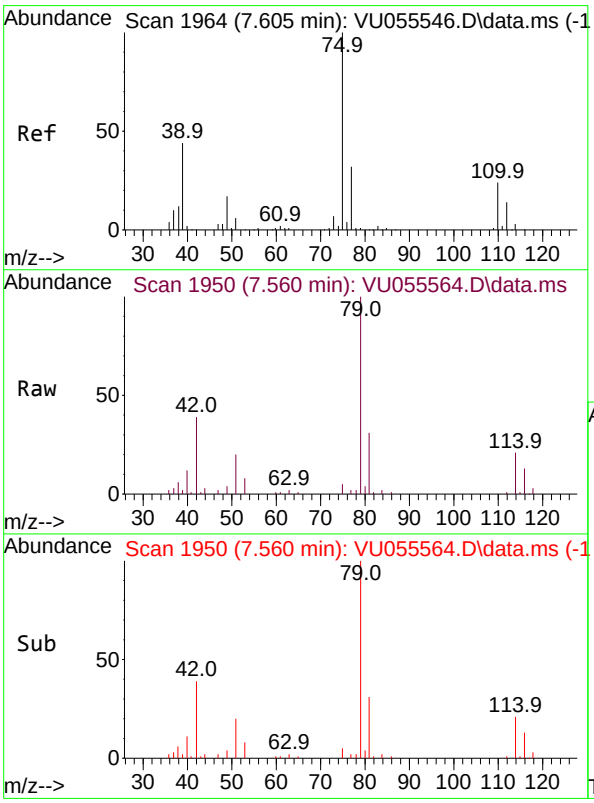
#37
1,2-Dichloropropane
Concen: 0.629 ug/L
RT: 6.689 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU055564.D
Acq: 27 Sep 2023 20:26

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 9643

Ion	Ratio	Lower	Upper
63	100		
112	0.2	3.0	4.6#

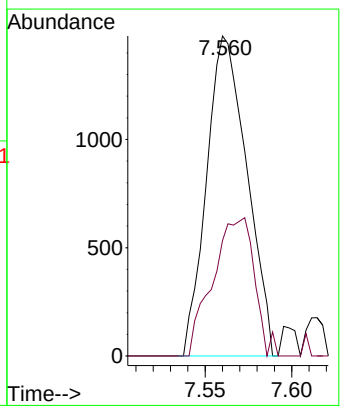


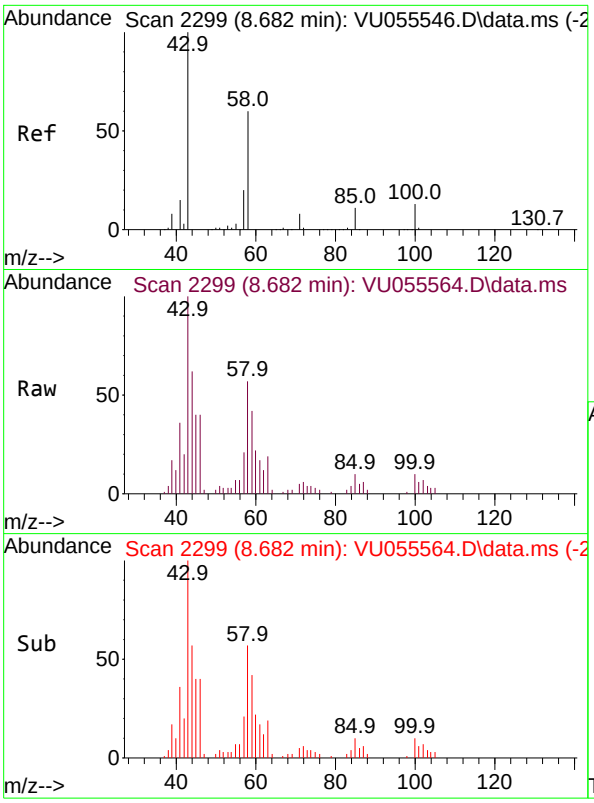


#39
cis-1,3-Dichloropropene
Concen: 0.117 ug/L
RT: 7.560 min Scan# 1950
Delta R.T. -0.045 min
Lab File: VU055564.D
Acq: 27 Sep 2023 20:26

Tgt Ion: 75 Resp: 2392

Ion	Ratio	Lower	Upper
75	100		
77	36.1	21.6	40.2



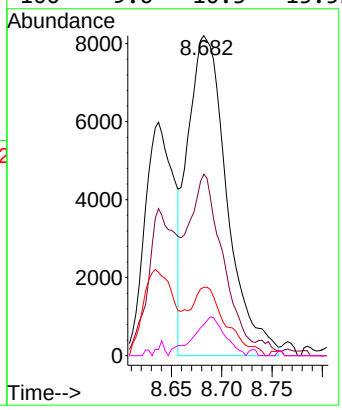


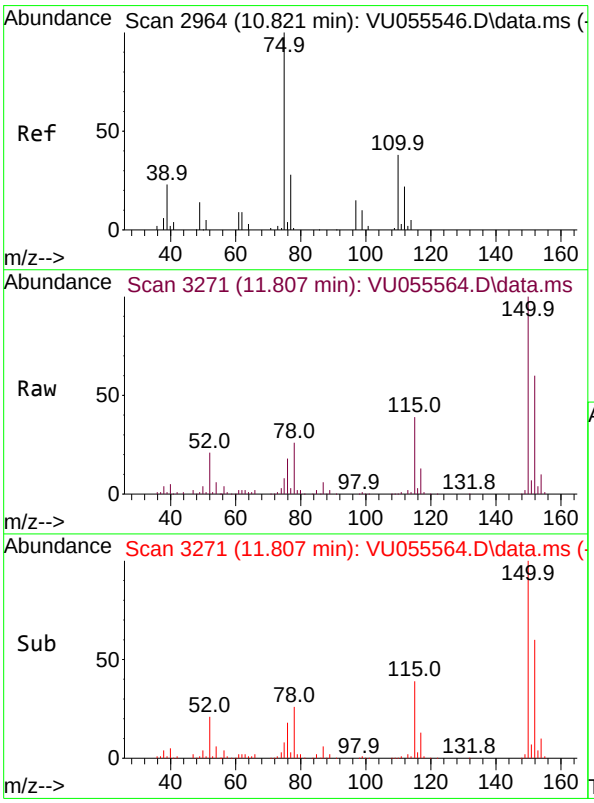
#48
2-Hexanone
Concen: 4.155 ug/L
RT: 8.682 min Scan# 2
Delta R.T. -0.000 min
Lab File: VU055564.D
Acq: 27 Sep 2023 20:26

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 22396

Ion	Ratio	Lower	Upper
43	100		
58	41.8	48.5	72.7#
57	17.7	17.0	25.4
100	9.6	10.3	15.5#





#61
1,2,3-Trichloropropane
Concen: 1.587 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.987 min
Lab File: VU055564.D
Acq: 27 Sep 2023 20:26

Tgt Ion: 75 Resp: 12239

Ion	Ratio	Lower	Upper
75	100		
110	3.6	30.6	45.8#
77	36.4	26.7	40.1