Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092723\
Data File : VU055558.D
Acq On : 27 Sep 2023 18:00
Operator : MD/SY
Sample : 04530-17DL 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Sep 27 23:36:43 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	6.245	114	209084	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	217265	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	107459	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	98705	4.671	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 93.400%			
7) Chloroethane-d5	1.911	69	74111	3.980	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 79.600%			
11) 1,1-Dichloroethene-d2	2.566	65	36315	4.175	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 83.600%			
20) 2-Butanone-d5	4.628	46	161454	42.300	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 84.600%			
24) Chloroform-d	5.058	84	161071	4.214	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.200%			
26) 1,2-Dichloroethane-d4	5.698	65	76982	4.187	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 83.800%			
32) Benzene-d6	5.724	84	323913	4.262	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.200%			
36) 1,2-Dichloropropane-d6	6.685	67	96433	4.247	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 85.000%			
41) Toluene-d8	7.897	98	271107	3.914	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 78.200%			
43) trans-1,3-Dichloroprop...	8.177	79	32955	4.136	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 82.800%			
46) 2-Hexanone-d5	8.631	63	84646	34.924	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 69.840%			
56) 1,1,2,2-Tetrachloroeth...	10.753	84	74690	4.389	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 87.800%			
66) 1,2-Dichlorobenzene-d4	12.193	152	96231	4.437	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 88.800%			
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	1308890	67.750	ug/L	99
16) Methylene chloride	3.039	84	7285	0.416	ug/L	94
18) trans-1,2-Dichloroethene	3.348	96	3065	0.208	ug/L	90
22) cis-1,2-Dichloroethene	4.663	96	509388	29.819	ug/L	99
35) Methylcyclohexane	6.689	83	22755	0.893	ug/L #	20
37) 1,2-Dichloropropane	6.689	63	10905	0.667	ug/L #	89
39) cis-1,3-Dichloropropene	7.563	75	2812	0.129	ug/L #	76
48) 2-Hexanone	8.685	43	21590	3.755	ug/L #	80
61) 1,2,3-Trichloropropane	11.810	75	13599	1.621	ug/L #	67

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

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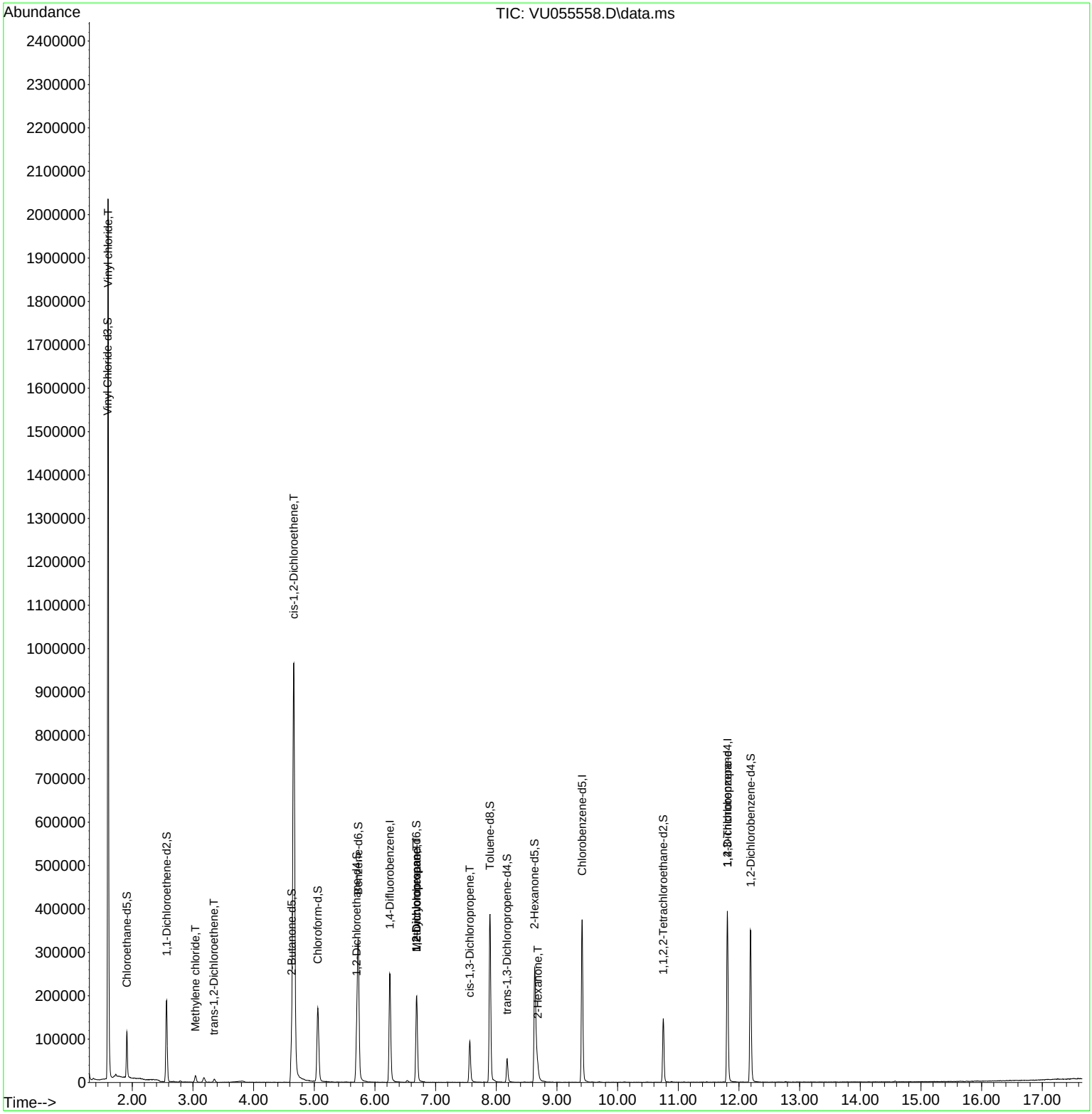
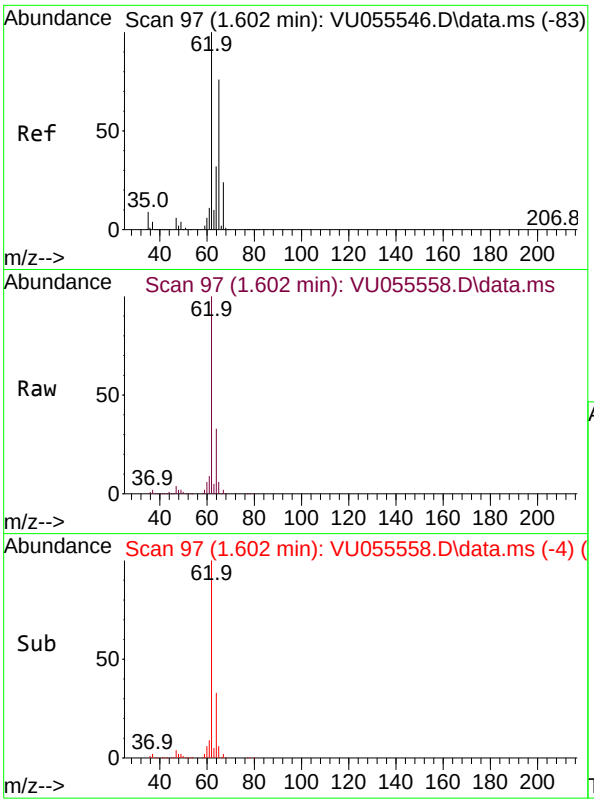
Operator : MD/SY
Sample : 04530-17DL 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Sep 27 23:36:43 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



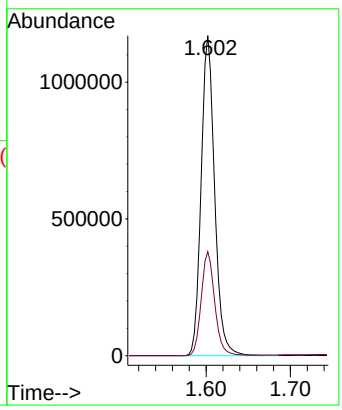


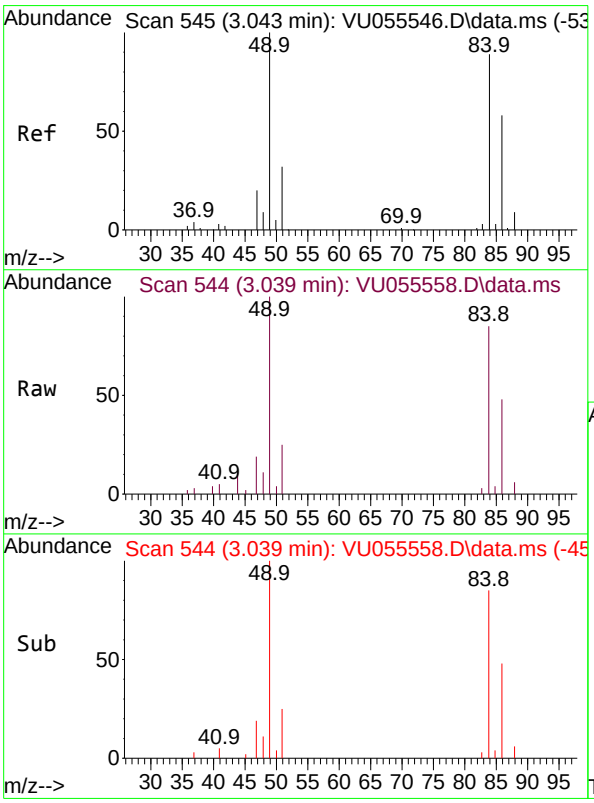
#5
Vinyl chloride
Concen: 67.750 ug/L
RT: 1.602 min Scan# 9
Delta R.T. -0.000 min
Lab File: VU055558.D
Acq: 27 Sep 2023 18:00

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 62 Resp: 1308890

Ion	Ratio	Lower	Upper
62	100		
64	32.5	22.3	41.5

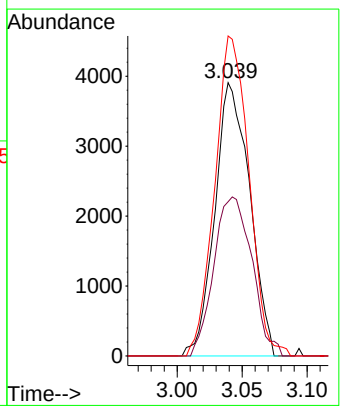


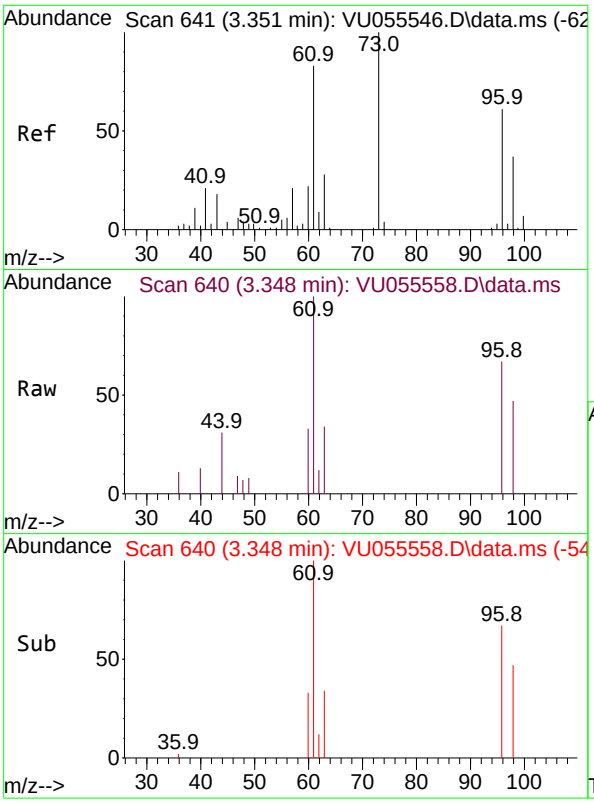


#16
Methylene chloride
Concen: 0.416 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.004 min
Lab File: VU055558.D
Acq: 27 Sep 2023 18:00

Tgt Ion: 84 Resp: 7285

Ion	Ratio	Lower	Upper
84	100		
86	56.4	44.9	83.3
49	117.1	78.8	146.3



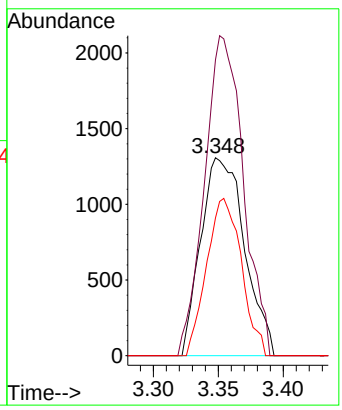


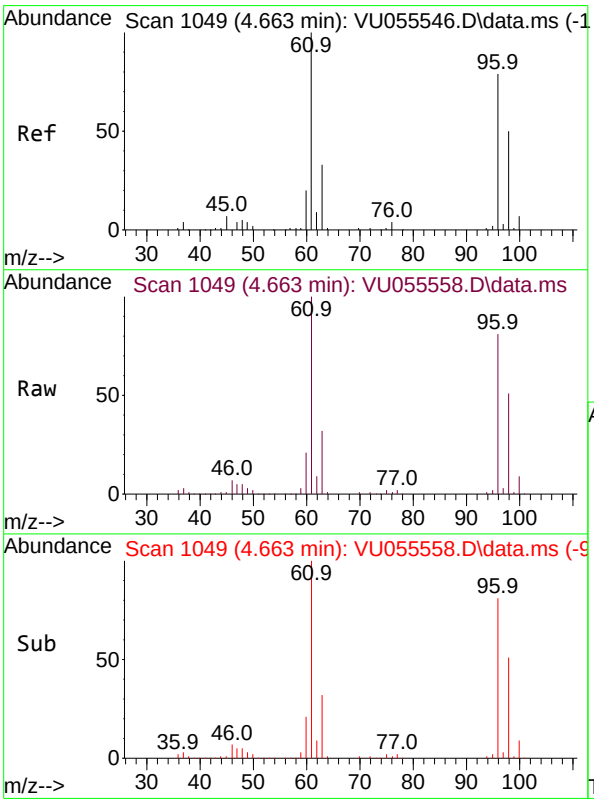
#18
trans-1,2-Dichloroethene
Concen: 0.208 ug/L
RT: 3.348 min Scan# 64
Delta R.T. -0.004 min
Lab File: VU055558.D
Acq: 27 Sep 2023 18:00

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 3065

Ion	Ratio	Lower	Upper
96	100		
61	149.4	94.6	175.6
98	69.6	45.7	84.9

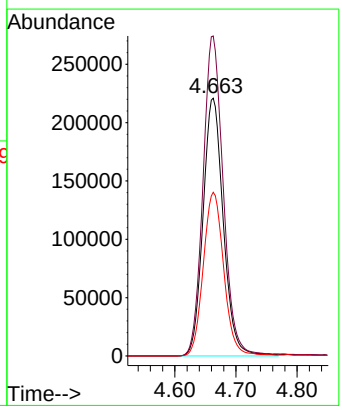


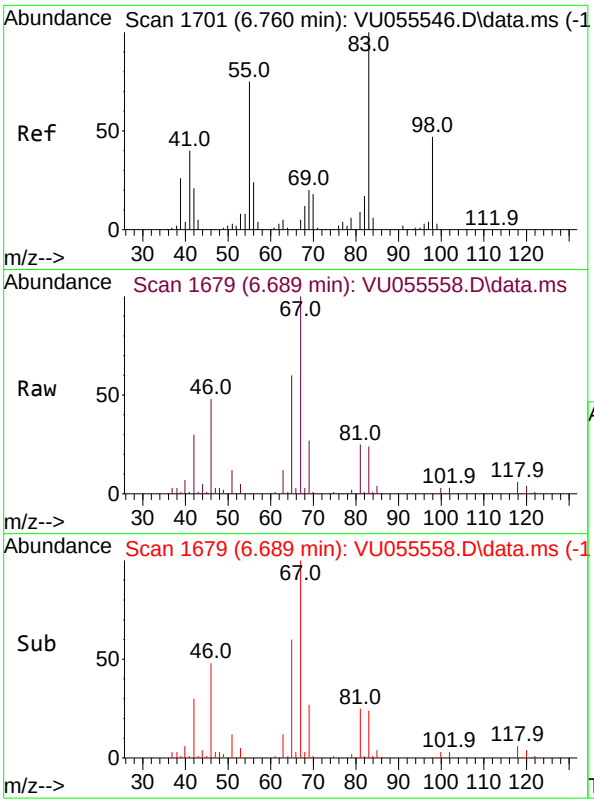


#22
cis-1,2-Dichloroethene
Concen: 29.819 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. -0.000 min
Lab File: VU055558.D
Acq: 27 Sep 2023 18:00

Tgt Ion: 96 Resp: 509388

Ion	Ratio	Lower	Upper
96	100		
61	124.1	87.8	163.2
98	63.5	44.4	82.4



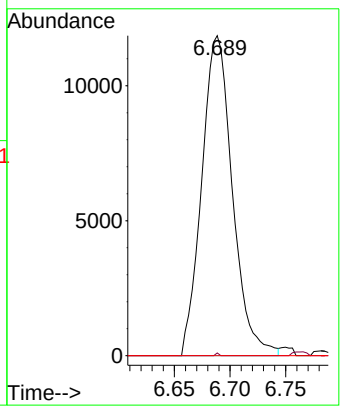


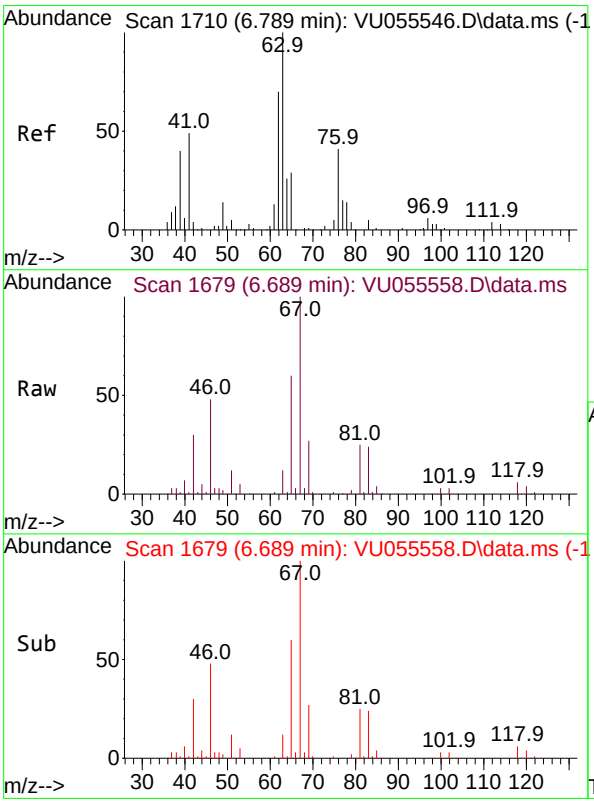
#35
Methylcyclohexane
Concen: 0.893 ug/L
RT: 6.689 min Scan# 1
Delta R.T. -0.071 min
Lab File: VU055558.D
Acq: 27 Sep 2023 18:00

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 22755

Ion	Ratio	Lower	Upper
83	100		
55	0.1	59.1	88.7#
98	0.4	36.3	54.5#

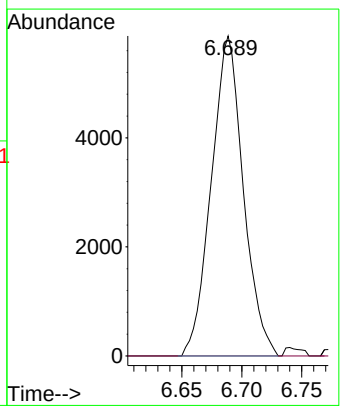


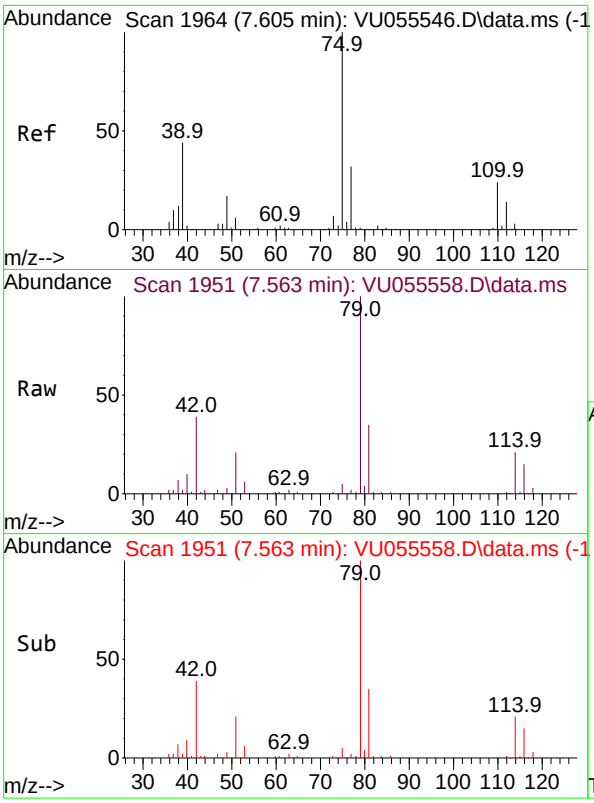


#37
1,2-Dichloropropane
Concen: 0.667 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.100 min
Lab File: VU055558.D
Acq: 27 Sep 2023 18:00

Tgt Ion: 63 Resp: 10905

Ion	Ratio	Lower	Upper
63	100		
112	0.2	3.0	4.6#



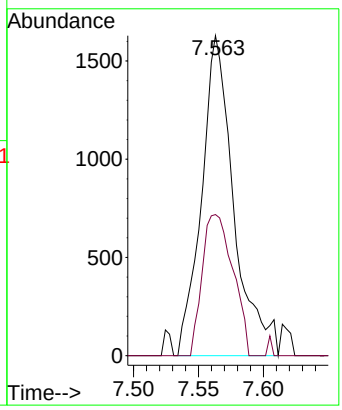


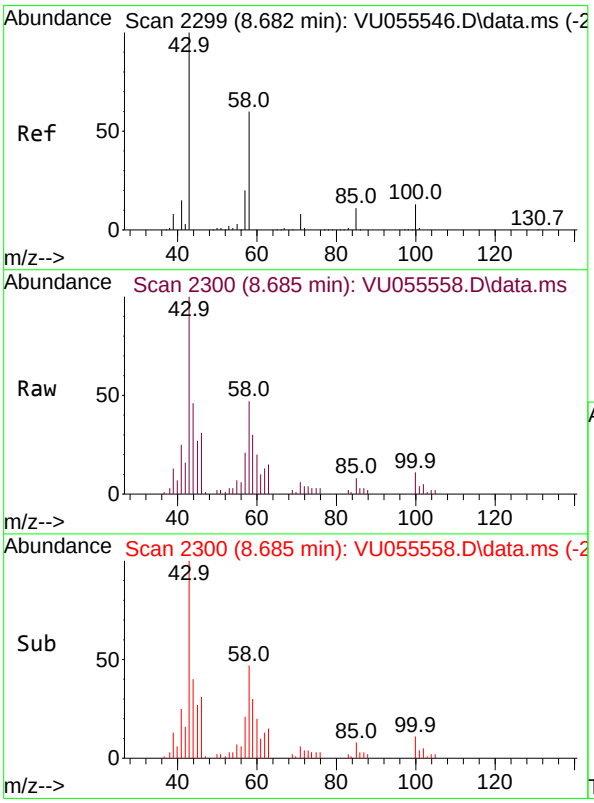
#39
cis-1,3-Dichloropropene
Concen: 0.129 ug/L
RT: 7.563 min Scan# 1
Delta R.T. -0.042 min
Lab File: VU055558.D
Acq: 27 Sep 2023 18:00

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 2812

Ion	Ratio	Lower	Upper
75	100		
77	44.1	21.6	40.2#

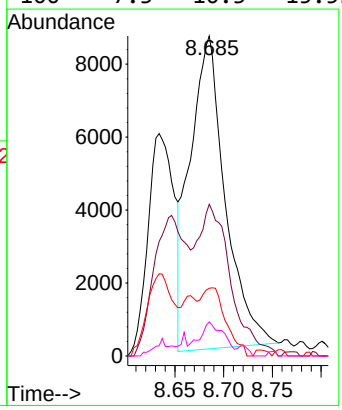


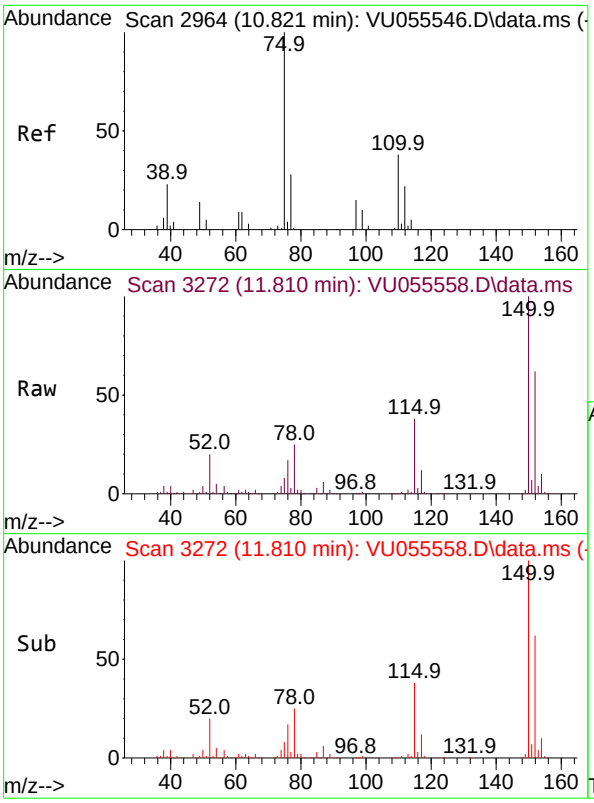


#48
2-Hexanone
Concen: 3.755 ug/L
RT: 8.685 min Scan# 2300
Delta R.T. 0.003 min
Lab File: VU055558.D
Acq: 27 Sep 2023 18:00

Tgt Ion: 43 Resp: 21590

Ion	Ratio	Lower	Upper
43	100		
58	43.7	48.5	72.7#
57	14.1	17.0	25.4#
100	7.3	10.3	15.5#





#61
1,2,3-Trichloropropane
Concen: 1.621 ug/L
RT: 11.810 min Scan# 3
Delta R.T. 0.990 min
Lab File: VU055558.D
Acq: 27 Sep 2023 18:00

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 13599

Ion	Ratio	Lower	Upper
75	100		
110	0.9	30.6	45.8#
77	33.8	26.7	40.1