Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122123\
Data File : VU057177.D
Acq On : 22 Dec 2023 08:56
Operator : MD/SY
Sample : 05912-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 54 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Dec 22 12:39:02 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122123WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Dec 22 01:33:10 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	164441	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	178513	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	78690	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	74431	4.736	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 94.800%			
7) Chloroethane-d5	1.914	69	61023	4.717	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 94.400%			
11) 1,1-Dichloroethene-d2	2.554	65	31506	4.627	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 92.600%			
20) 2-Butanone-d5	4.631	46	123796	50.166	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 100.340%			
24) Chloroform-d	5.055	84	140429	4.627	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.600%			
26) 1,2-Dichloroethane-d4	5.692	65	69968	4.837	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.800%			
32) Benzene-d6	5.717	84	259632	4.240	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.800%			
36) 1,2-Dichloropropane-d6	6.682	67	77341	4.439	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 88.800%			
41) Toluene-d8	7.894	98	232369	4.157	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 83.200%			
43) trans-1,3-Dichloroprop...	8.177	79	30652	4.226	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 84.600%			
46) 2-Hexanone-d5	8.659	63	121922	49.372	ug/L	0.03
Spiked Amount 50.000	Range 45 - 130		Recovery = 98.740%			
56) 1,1,2,2-Tetrachloroeth...	10.759	84	59408	4.792	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.800%			
66) 1,2-Dichlorobenzene-d4	12.190	152	80192	4.736	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 94.800%			
Target Compounds						Qvalue
3) Chloromethane	1.518	50	2964	0.220	ug/L	99
16) Methylene chloride	3.036	84	8152	0.570	ug/L	96
35) Methylcyclohexane	6.682	83	19888	0.913	ug/L #	20
37) 1,2-Dichloropropane	6.685	63	9139	0.649	ug/L #	88
39) cis-1,3-Dichloropropene	7.563	75	2352	0.111	ug/L	86
42) Toluene	7.965	91	22584	0.377	ug/L	95
48) 2-Hexanone	8.656	43	15063	3.346	ug/L #	68
53) m,p-Xylene	9.692	106	8893	0.360	ug/L	88
61) 1,2,3-Trichloropropane	11.807	75	9040	1.233	ug/L #	64

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

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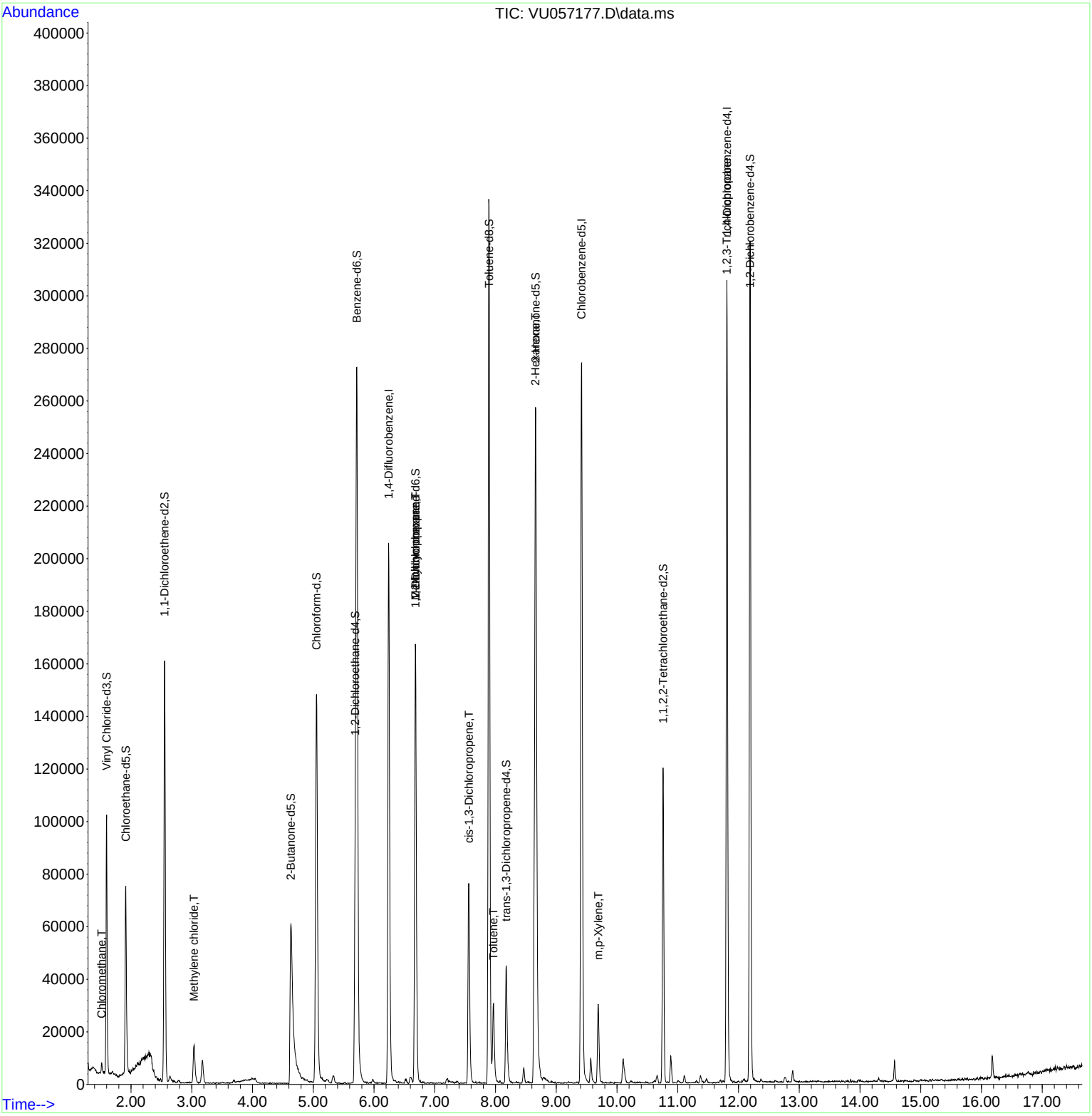
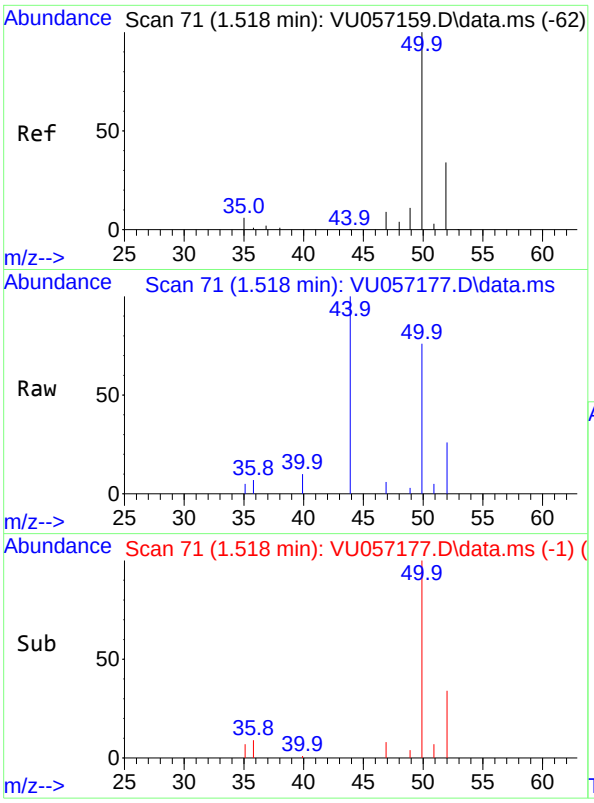


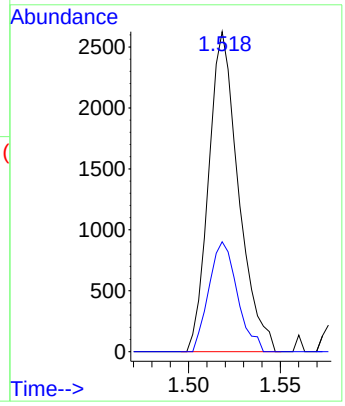


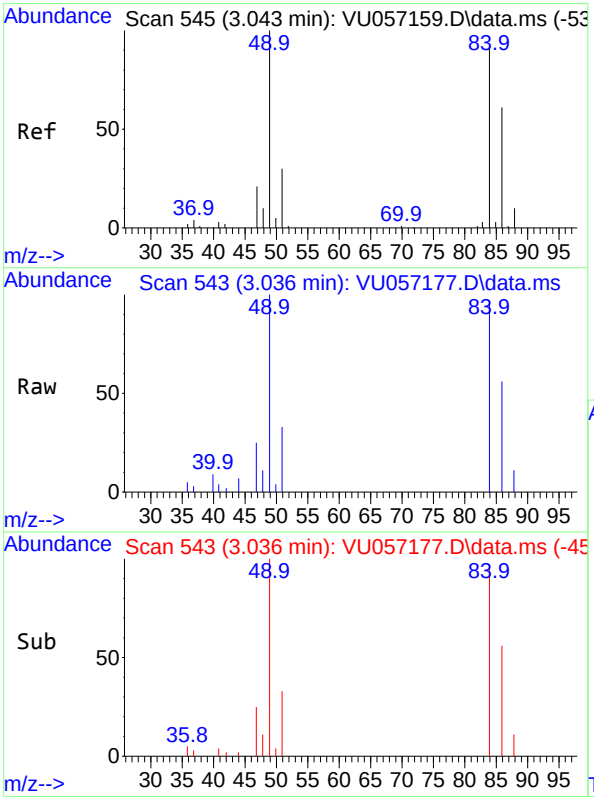
#3
Chloromethane
Concen: 0.220 ug/L
RT: 1.518 min Scan# 7
Delta R.T. -0.000 min
Lab File: VU057177.D
Acq: 22 Dec 2023 08:56

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 50 Resp: 2964

Ion	Ratio	Lower	Upper
50	100		
52	34.3	23.7	44.1

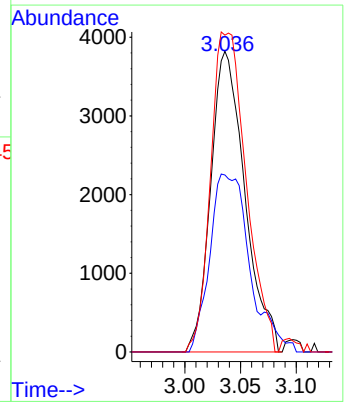


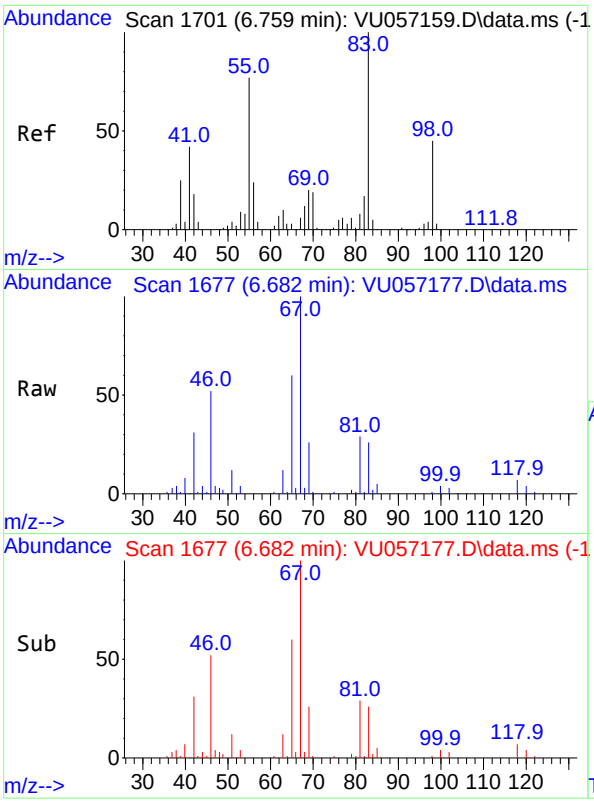


#16
Methylene chloride
Concen: 0.570 ug/L
RT: 3.036 min Scan# 543
Delta R.T. -0.007 min
Lab File: VU057177.D
Acq: 22 Dec 2023 08:56

Tgt Ion: 84 Resp: 8152

Ion	Ratio	Lower	Upper
84	100		
86	58.8	44.7	82.9
49	105.4	76.0	141.2



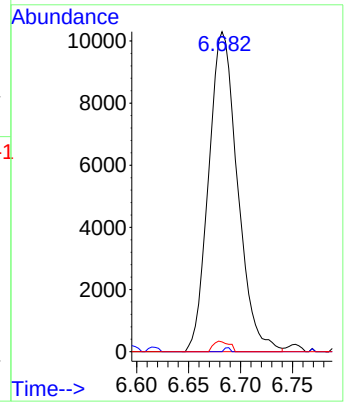


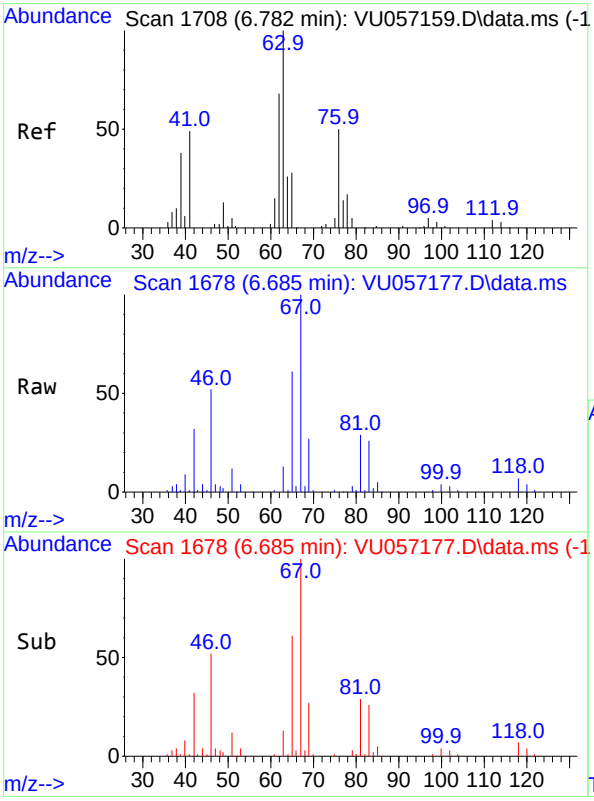
#35
Methylcyclohexane
Concen: 0.913 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.077 min
Lab File: VU057177.D
Acq: 22 Dec 2023 08:56

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 19888

Ion	Ratio	Lower	Upper
83	100		
55	0.2	61.3	91.9#
98	1.8	36.6	55.0#

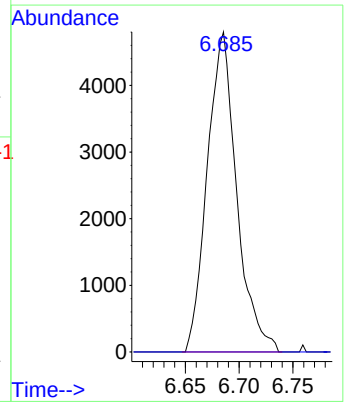


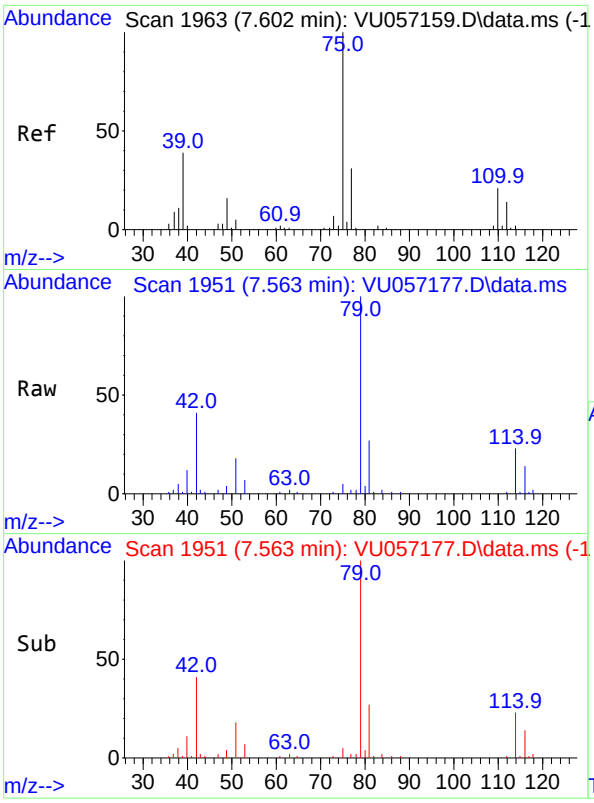


#37
1,2-Dichloropropane
Concen: 0.649 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.097 min
Lab File: VU057177.D
Acq: 22 Dec 2023 08:56

Tgt Ion: 63 Resp: 9139

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.1	4.7#



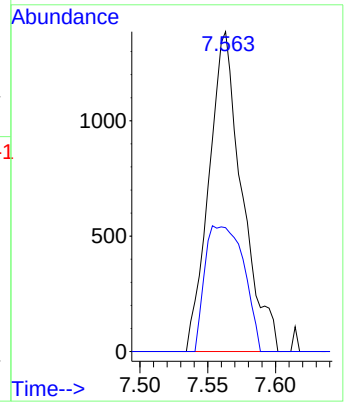


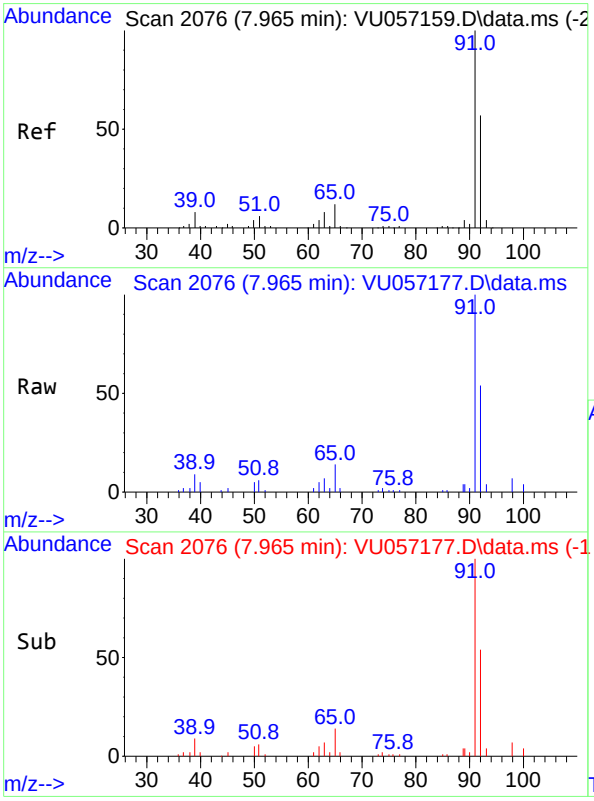
#39
cis-1,3-Dichloropropene
Concen: 0.111 ug/L
RT: 7.563 min Scan# 1
Delta R.T. -0.039 min
Lab File: VU057177.D
Acq: 22 Dec 2023 08:56

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 2352

Ion	Ratio	Lower	Upper
75	100		
77	38.7	21.8	40.4

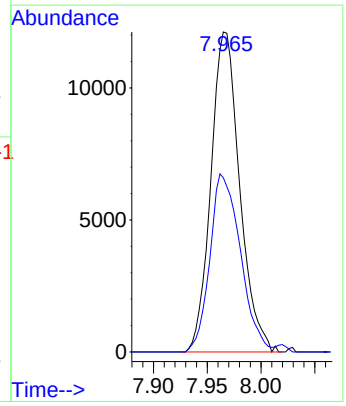


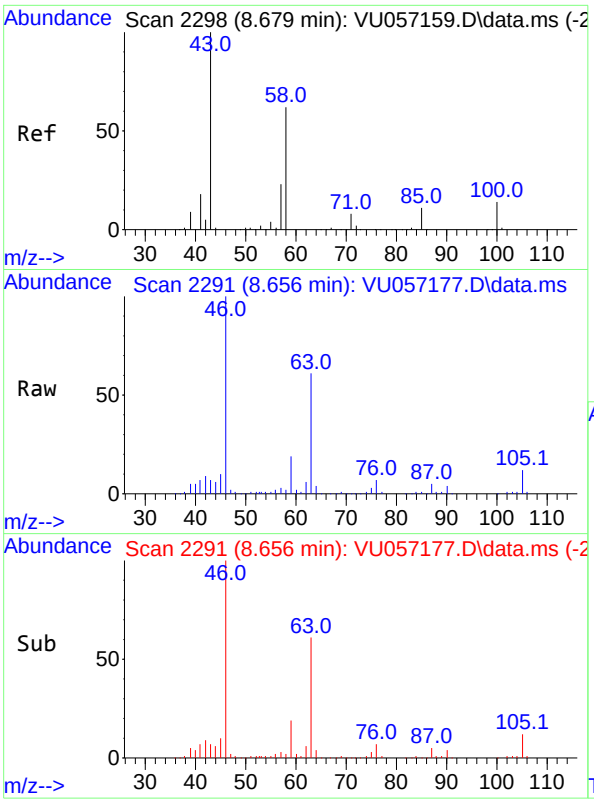


#42
Toluene
Concen: 0.377 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. -0.000 min
Lab File: VU057177.D
Acq: 22 Dec 2023 08:56

Tgt Ion: 91 Resp: 22584

Ion	Ratio	Lower	Upper
91	100		
92	54.5	40.5	75.1



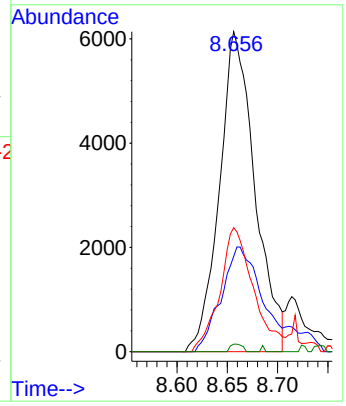


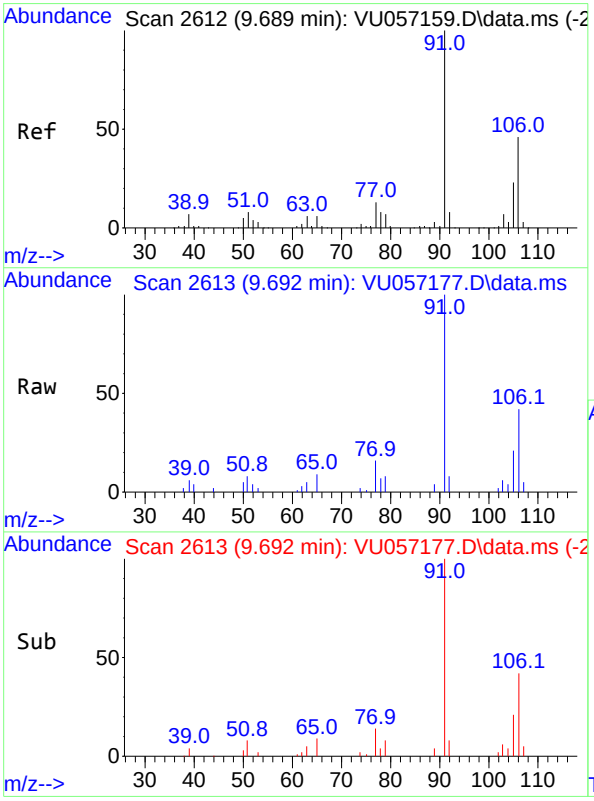
#48
2-Hexanone
Concen: 3.346 ug/L
RT: 8.656 min Scan# 2
Delta R.T. -0.023 min
Lab File: VU057177.D
Acq: 22 Dec 2023 08:56

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 15063

Ion	Ratio	Lower	Upper
43	100		
58	36.8	49.8	74.8#
57	36.9	18.5	27.7#
100	0.8	11.1	16.7#

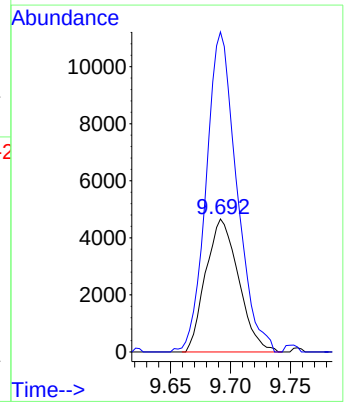


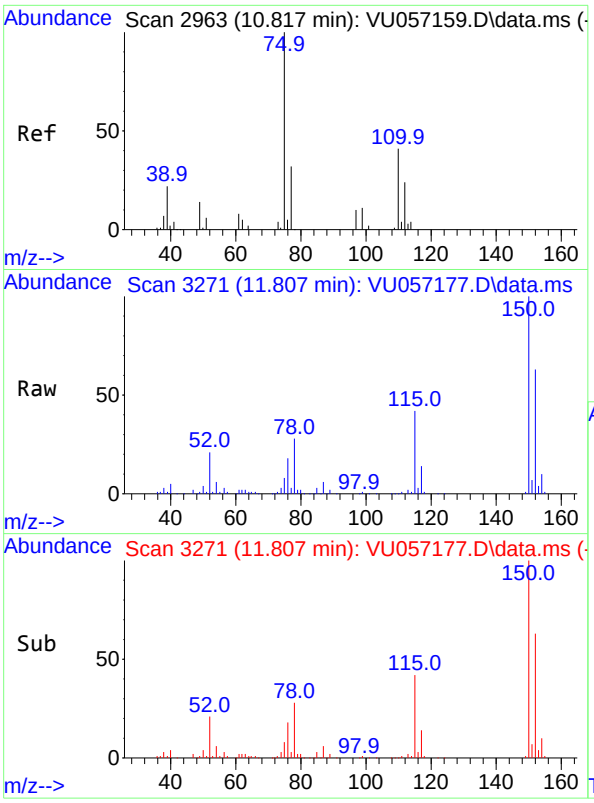


#53
m,p-Xylene
Concen: 0.360 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.003 min
Lab File: VU057177.D
Acq: 22 Dec 2023 08:56

Tgt Ion:106 Resp: 8893

Ion	Ratio	Lower	Upper
106	100		
91	240.7	154.5	286.9





#61
1,2,3-Trichloropropane
Concen: 1.233 ug/L
RT: 11.807 min Scan# 3
Delta R.T. 0.990 min
Lab File: VU057177.D
Acq: 22 Dec 2023 08:56

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 9040

Ion	Ratio	Lower	Upper
75	100		
110	2.9	31.2	46.8#
77	35.9	25.5	38.3