Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120922\
Data File : VU052311.D
Acq On : 09 Dec 2022 19:00
Operator : JC/MD
Sample : N5949-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZA9

Quant Time: Dec 09 23:13:32 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 08 04:19:43 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	228536	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	230113	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	95124	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	94239	4.239	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 84.800%			
7) Chloroethane-d5	1.916	69	80663	4.672	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 93.400%			
11) 1,1-Dichloroethene-d2	2.571	65	35985	4.516	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 90.400%			
20) 2-Butanone-d5	4.633	46	236215	58.622	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 117.240%			
24) Chloroform-d	5.060	84	158614	4.856	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.200%			
26) 1,2-Dichloroethane-d4	5.700	65	85024	5.154	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.000%			
32) Benzene-d6	5.726	84	327460	4.793	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.800%			
36) 1,2-Dichloropropane-d6	6.687	67	106819	5.052	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 101.000%			
41) Toluene-d8	7.896	98	252484	4.085	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 81.600%			
43) trans-1,3-Dichloroprop...	8.176	79	33357	4.330	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 86.600%			
46) 2-Hexanone-d5	8.632	63	162377	49.732	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.460%			
56) 1,1,2,2-Tetrachloroeth...	10.751	84	97293	5.308	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 106.200%			
66) 1,2-Dichlorobenzene-d4	12.188	152	93981	5.160	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 103.200%			
Target Compounds						Qvalue
5) Vinyl chloride	1.607	62	3614	0.145	ug/L #	52
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1262	0.075	ug/L #	20
12) 1,1-Dichloroethene	2.578	96	3290	0.198	ug/L #	1
17) Methyl tert-butyl Ether	3.362	73	7989	0.215	ug/L	96
18) trans-1,2-Dichloroethene	3.359	96	1731	0.097	ug/L	85
19) 1,1-Dichloroethane	3.870	63	35617	1.112	ug/L	98
22) cis-1,2-Dichloroethene	4.665	96	45757	2.453	ug/L	99
27) 1,2-Dichloroethane	5.800	62	5103	0.257	ug/L	98
29) 1,1,1-Trichloroethane	5.314	97	2867	0.112	ug/L	97
34) Trichloroethene	6.542	95	8265	0.442	ug/L	96
35) Methylcyclohexane	6.687	83	24243	0.902	ug/L #	19
37) 1,2-Dichloropropane	6.690	63	10675	0.551	ug/L #	88
49) Dibromochloromethane	8.552	129	2327	0.143	ug/L #	12
61) 1,2,3-Trichloropropane	11.809	75	10873	0.999	ug/L #	68

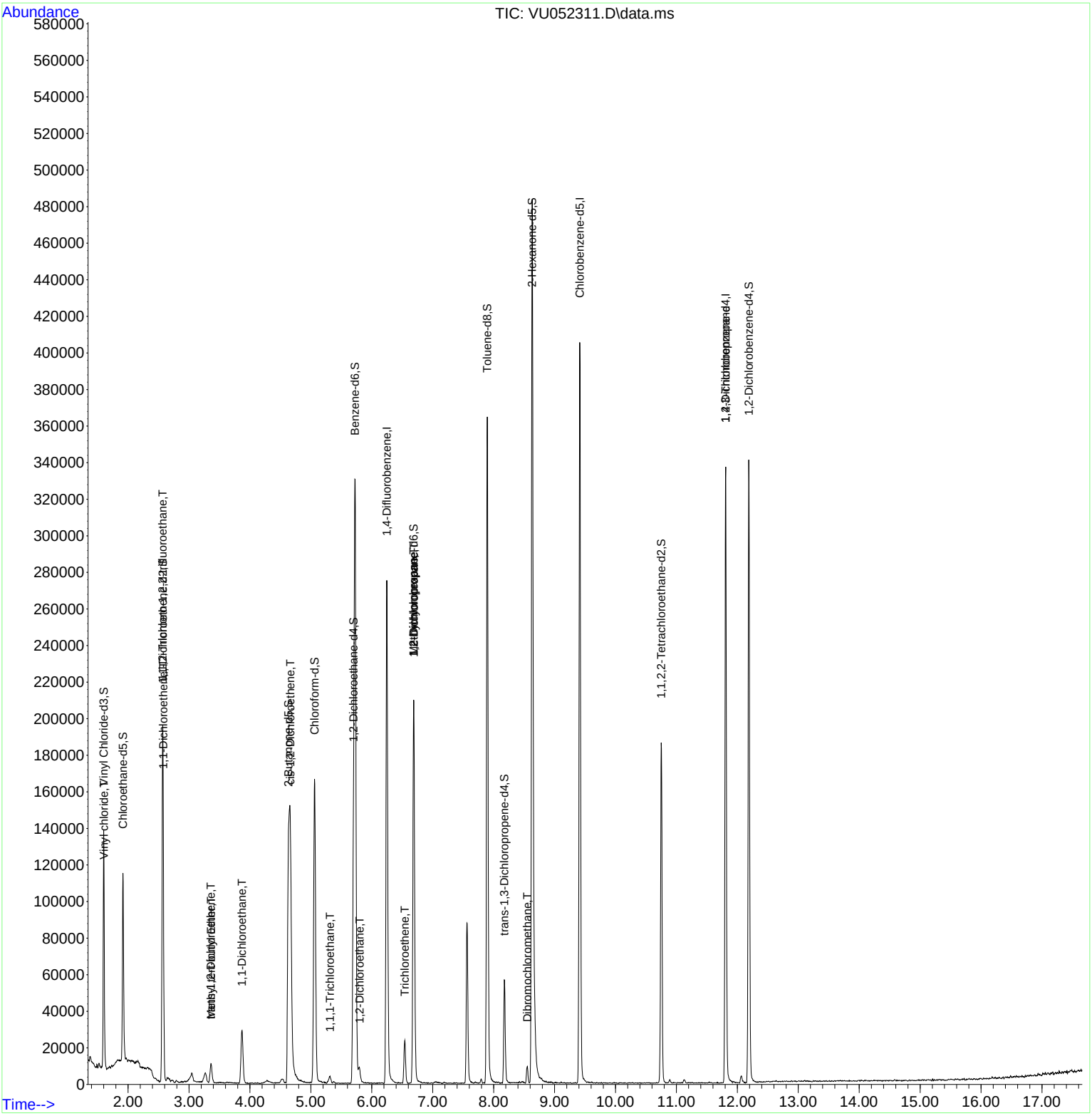
(#) = qualifier out of range (m) = manual integration (+) = signals summed

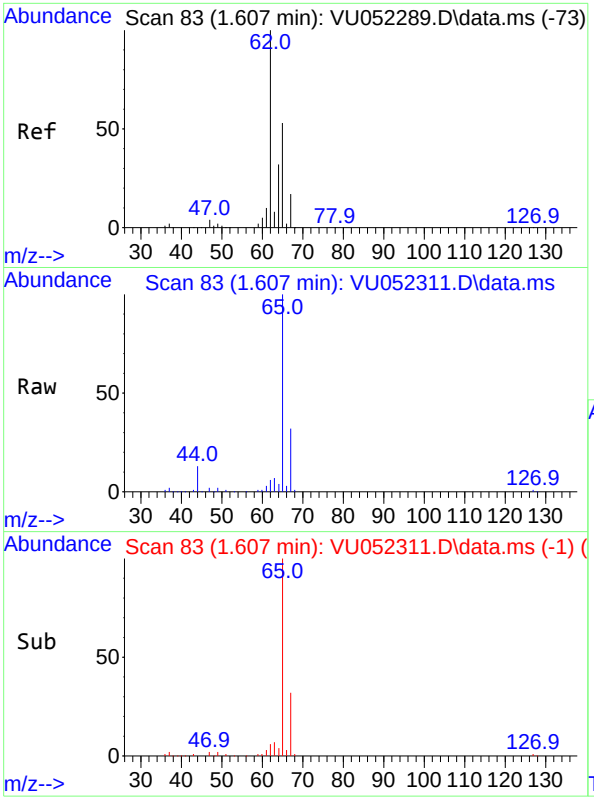
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120922\
Data File : VU052311.D
Acq On : 09 Dec 2022 19:00
Operator : JC/MD
Sample : N5949-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZA9

Quant Time: Dec 09 23:13:32 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 08 04:19:43 2022
Response via : Initial Calibration



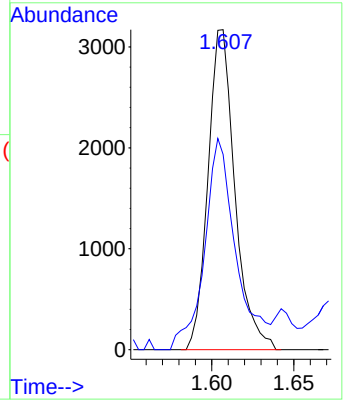


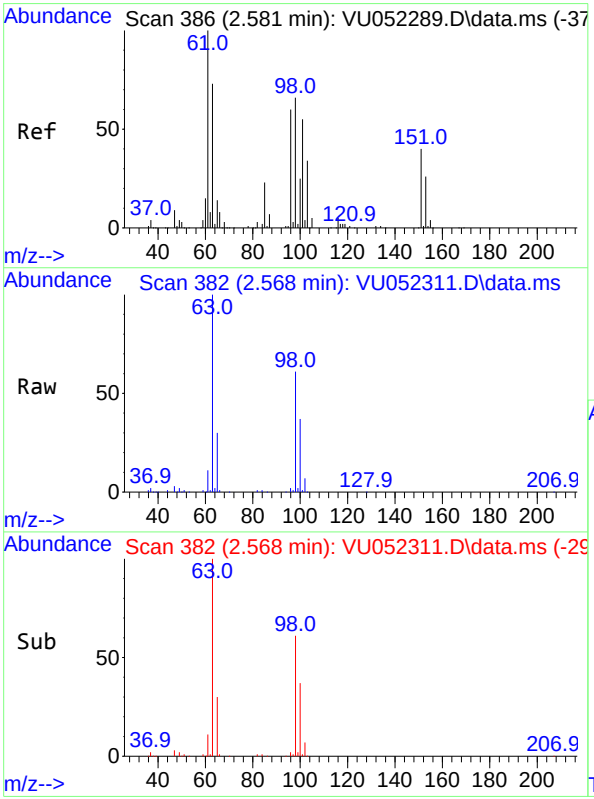
#5
Vinyl chloride
Concen: 0.145 ug/L
RT: 1.607 min Scan# 8
Delta R.T. 0.003 min
Lab File: VU052311.D
Acq: 09 Dec 2022 19:00

Instrument :
MSVOA_U
ClientSampleId :
EXZA9

Tgt Ion: 62 Resp: 3614

Ion	Ratio	Lower	Upper
62	100		
64	61.0	23.5	43.7#

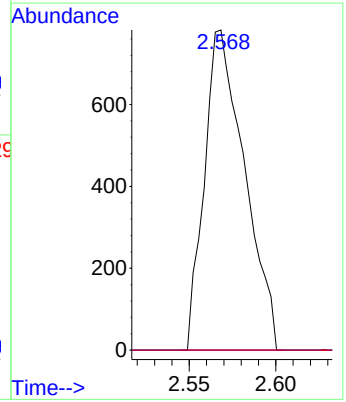


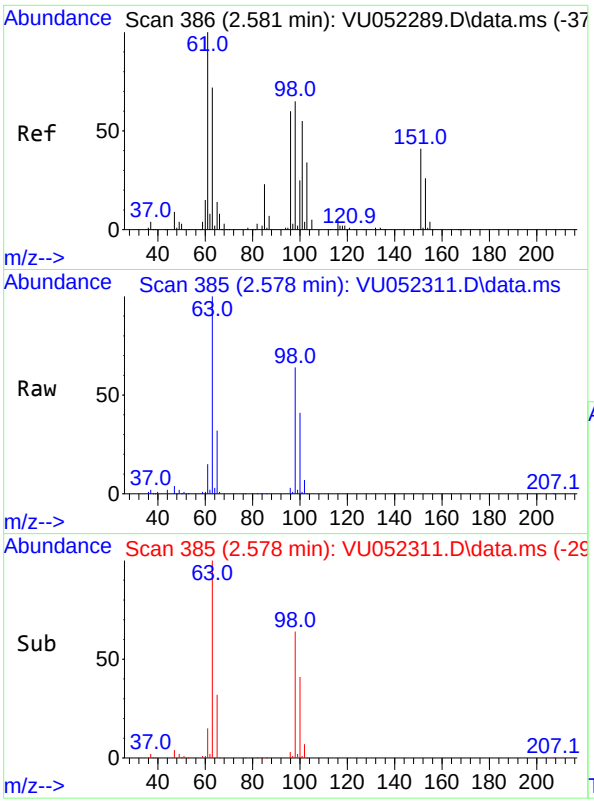


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.075 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.013 min
Lab File: VU052311.D
Acq: 09 Dec 2022 19:00

Tgt Ion:101 Resp: 1262

Ion	Ratio	Lower	Upper
101	100		
85	0.0	33.8	50.6#
151	0.0	58.6	88.0#



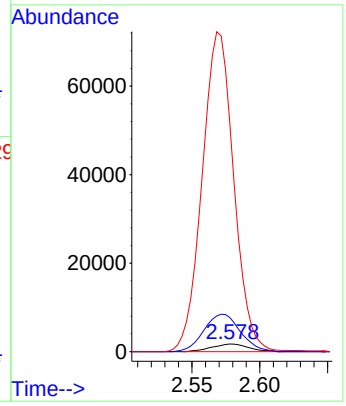


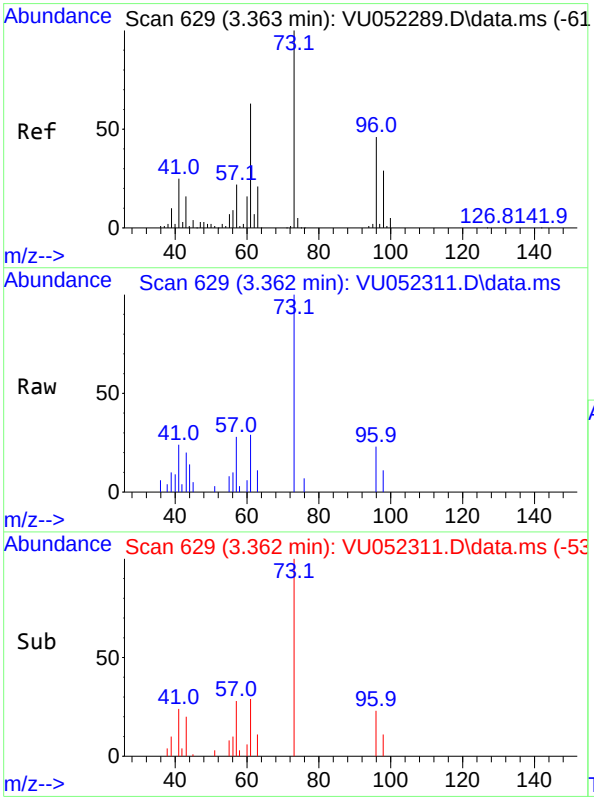
#12
1,1-Dichloroethene
Concen: 0.198 ug/L
RT: 2.578 min Scan# 3
Delta R.T. -0.003 min
Lab File: VU052311.D
Acq: 09 Dec 2022 19:00

Instrument :
MSVOA_U
ClientSampleId :
EXZA9

Tgt Ion: 96 Resp: 3290

Ion	Ratio	Lower	Upper
96	100		
61	446.5	114.8	213.2#
63	2976.9	93.7	174.1#

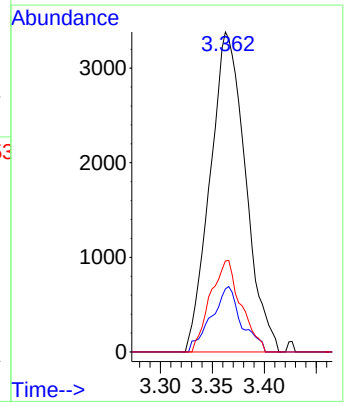


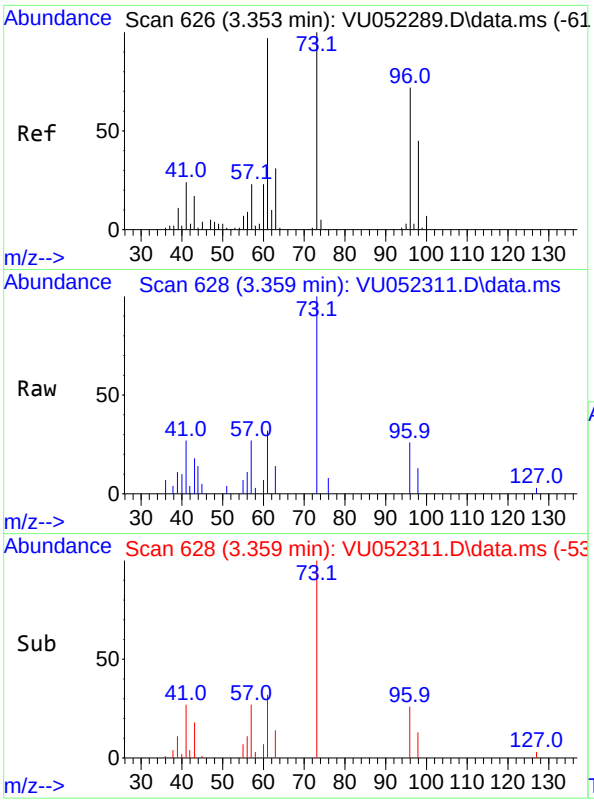


#17
Methyl tert-butyl Ether
Concen: 0.215 ug/L
RT: 3.362 min Scan# 629
Delta R.T. -0.000 min
Lab File: VU052311.D
Acq: 09 Dec 2022 19:00

Tgt Ion: 73 Resp: 7989

Ion	Ratio	Lower	Upper
73	100		
43	17.5	13.2	19.8
57	24.9	17.8	26.8



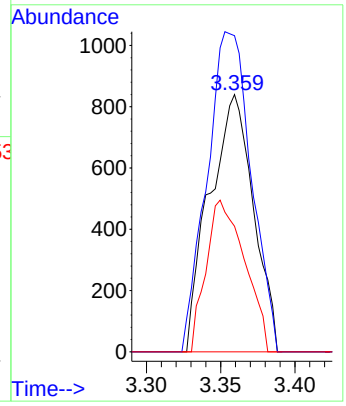


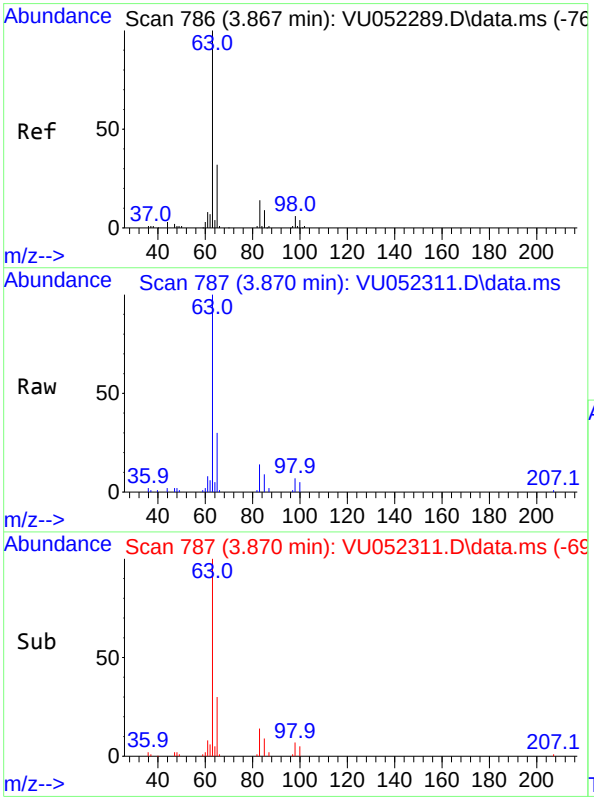
#18
trans-1,2-Dichloroethene
Concen: 0.097 ug/L
RT: 3.359 min Scan# 6
Delta R.T. 0.006 min
Lab File: VU052311.D
Acq: 09 Dec 2022 19:00

Instrument :
MSVOA_U
ClientSampleId :
EXZA9

Tgt Ion: 96 Resp: 1731

Ion	Ratio	Lower	Upper
96	100		
61	122.9	97.9	181.7
98	48.8	43.8	81.3

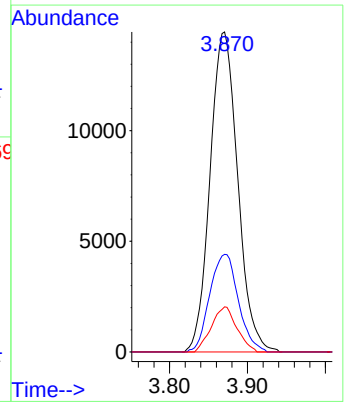


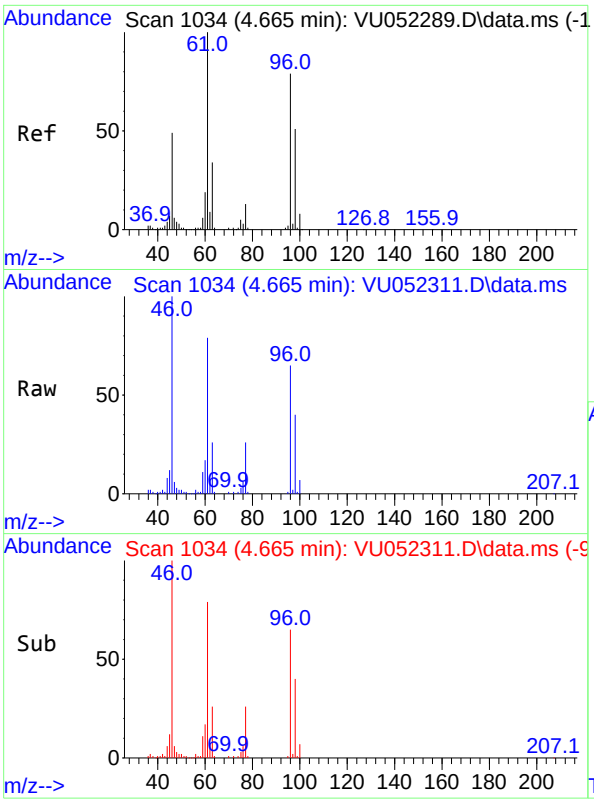


#19
1,1-Dichloroethane
Concen: 1.112 ug/L
RT: 3.870 min Scan# 787
Delta R.T. 0.003 min
Lab File: VU052311.D
Acq: 09 Dec 2022 19:00

Tgt Ion: 63 Resp: 35617

Ion	Ratio	Lower	Upper
63	100		
65	30.5	22.2	41.2
83	14.1	9.2	17.0



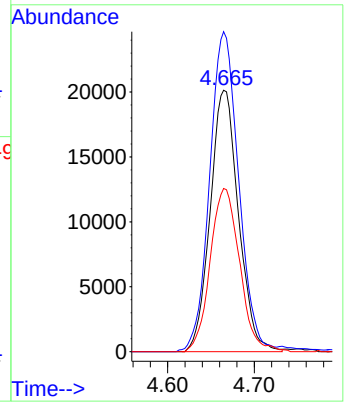


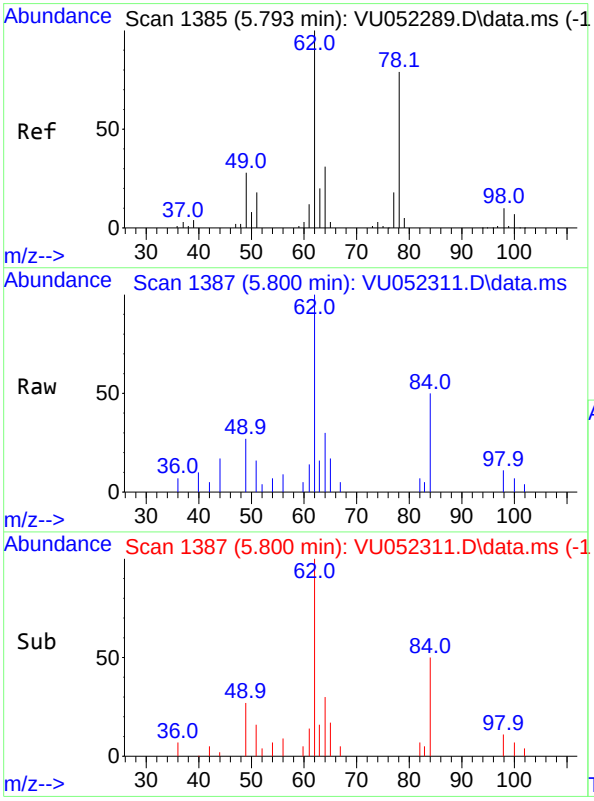
#22
cis-1,2-Dichloroethene
Concen: 2.453 ug/L
RT: 4.665 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU052311.D
Acq: 09 Dec 2022 19:00

Instrument :
MSVOA_U
ClientSampleId :
EXZA9

Tgt Ion: 96 Resp: 45757

Ion	Ratio	Lower	Upper
96	100		
61	122.4	85.1	158.1
98	62.4	42.8	79.6

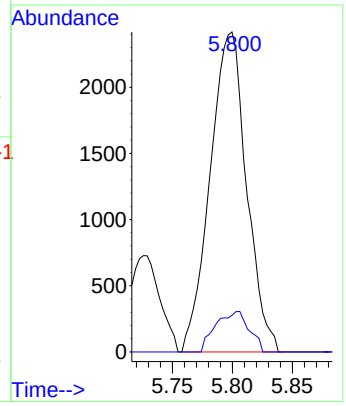


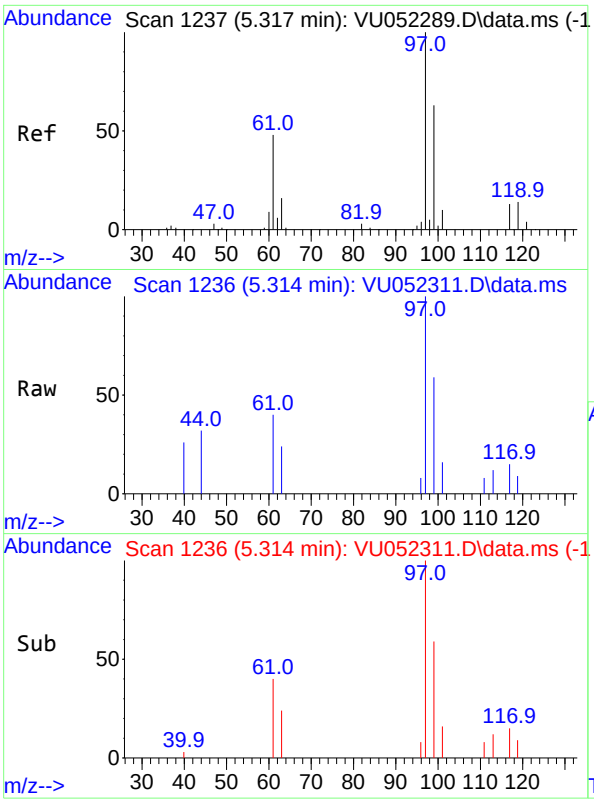


#27
1,2-Dichloroethane
Concen: 0.257 ug/L
RT: 5.800 min Scan# 1387
Delta R.T. 0.006 min
Lab File: VU052311.D
Acq: 09 Dec 2022 19:00

Tgt Ion: 62 Resp: 5103

Ion	Ratio	Lower	Upper
62	100		
98	11.4	8.4	12.6



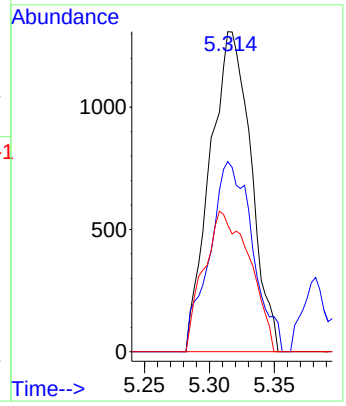


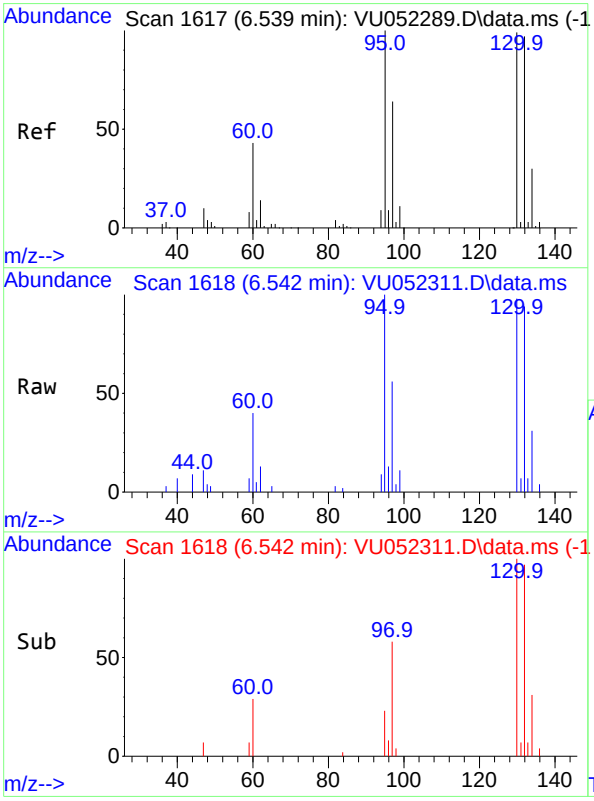
#29
1,1,1-Trichloroethane
Concen: 0.112 ug/L
RT: 5.314 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU052311.D
Acq: 09 Dec 2022 19:00

Instrument :
MSVOA_U
ClientSampleId :
EXZA9

Tgt Ion: 97 Resp: 2867

Ion	Ratio	Lower	Upper
97	100		
99	62.2	51.0	76.6
61	49.1	36.9	55.3

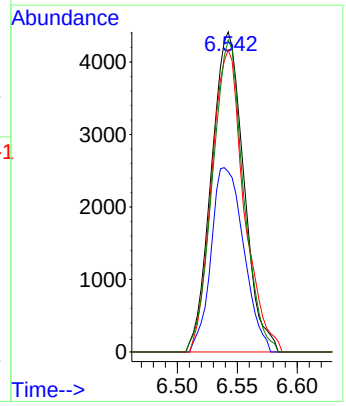


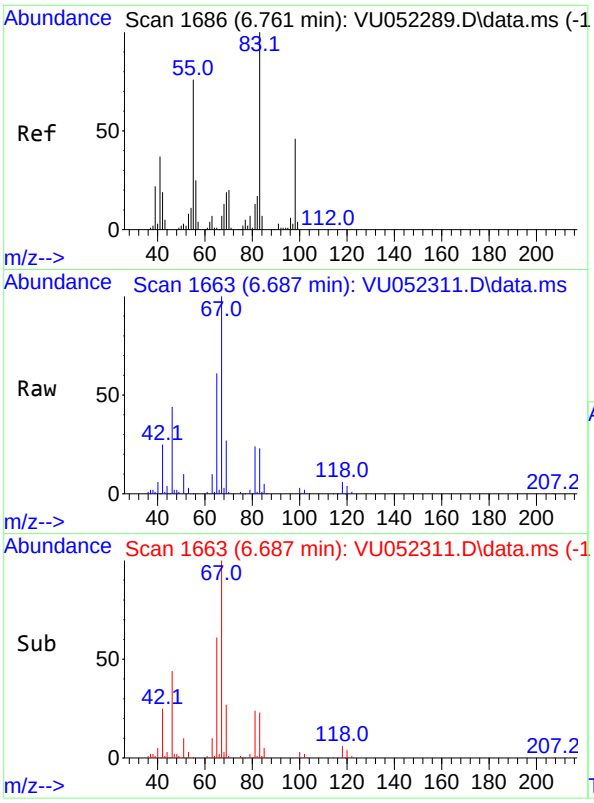


#34
Trichloroethene
Concen: 0.442 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU052311.D
Acq: 09 Dec 2022 19:00

Tgt Ion: 95 Resp: 8265

Ion	Ratio	Lower	Upper
95	100		
97	56.3	43.7	81.1
132	94.4	64.3	119.3
130	97.5	67.3	124.9



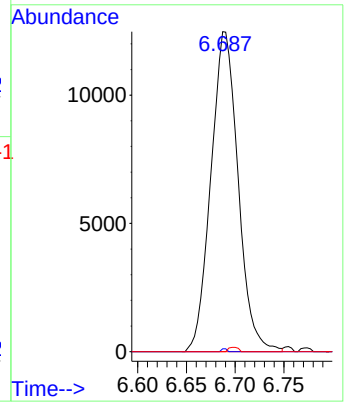


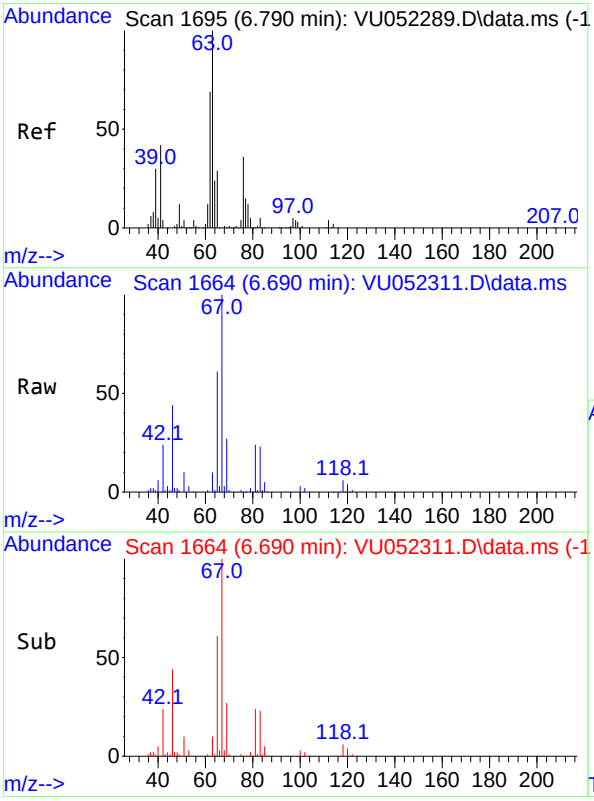
#35
Methylcyclohexane
Concen: 0.902 ug/L
RT: 6.687 min Scan# 1
Delta R.T. -0.074 min
Lab File: VU052311.D
Acq: 09 Dec 2022 19:00

Instrument :
MSVOA_U
ClientSampleId :
EXZA9

Tgt Ion: 83 Resp: 24243

Ion	Ratio	Lower	Upper
83	100		
55	0.2	60.8	91.2#
98	0.5	35.1	52.7#

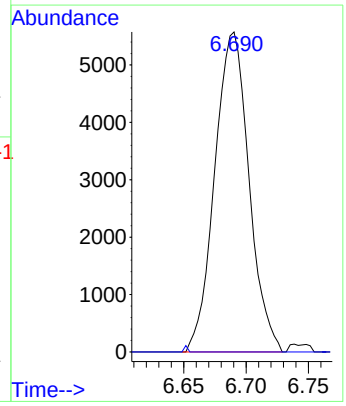


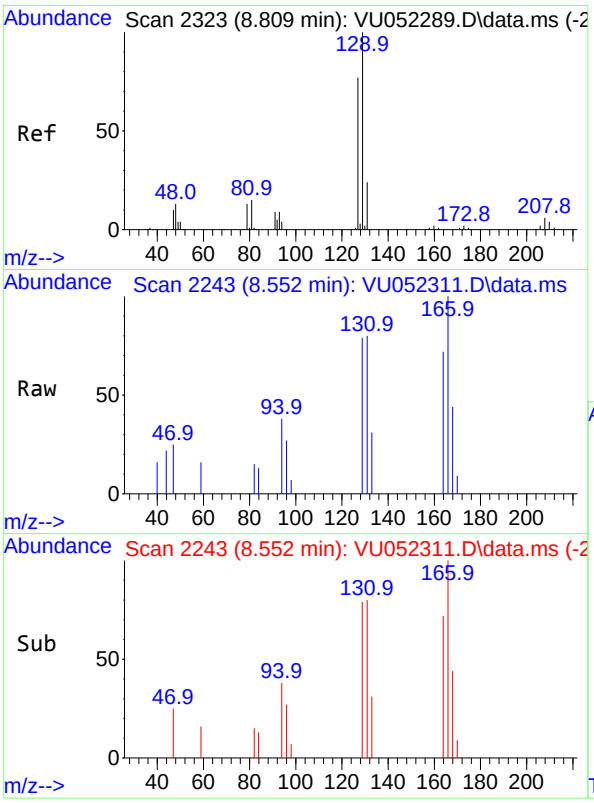


#37
1,2-Dichloropropane
Concen: 0.551 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.100 min
Lab File: VU052311.D
Acq: 09 Dec 2022 19:00

Tgt Ion: 63 Resp: 10675

Ion	Ratio	Lower	Upper
63	100		
112	0.2	3.3	4.9#



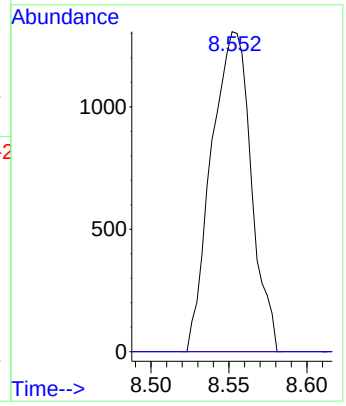


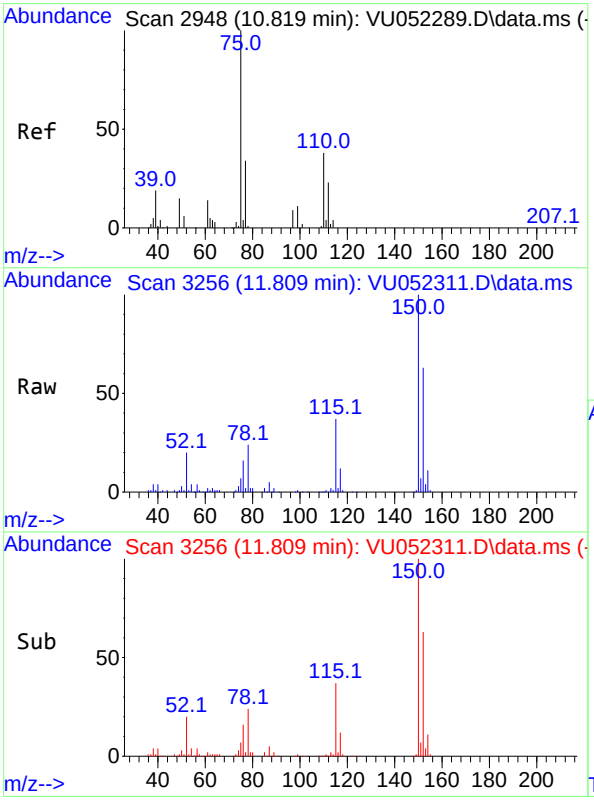
#49
Dibromochloromethane
Concen: 0.143 ug/L
RT: 8.552 min Scan# 2
Delta R.T. -0.254 min
Lab File: VU052311.D
Acq: 09 Dec 2022 19:00

Instrument :
MSVOA_U
ClientSampleId :
EXZA9

Tgt Ion:129 Resp: 2327

Ion	Ratio	Lower	Upper
129	100		
127	0.0	52.8	98.2#





#61
1,2,3-Trichloropropane
Concen: 0.999 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.990 min
Lab File: VU052311.D
Acq: 09 Dec 2022 19:00

Tgt Ion: 75 Resp: 10873

Ion	Ratio	Lower	Upper
75	100		
110	1.0	28.3	42.5#
77	31.5	26.2	39.2