Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031524\
Data File : VX040669.D
Acq On : 15 Mar 2024 21:44
Operator : JC/MD
Sample : P1754-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Mar 16 05:53:26 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM030724WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 16 05:02:38 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	149021	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	141709	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	60965	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	47146	36.091	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 72.180%			
7) Chloroethane-d5	1.666	69	43488	41.699	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 83.400%			
11) 1,1-Dichloroethene-d2	2.307	65	22071	36.703	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 73.400%			
21) 2-Butanone-d5	4.453	46	98156	97.919	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 97.920%			
24) Chloroform-d	5.056	84	112848	46.518	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.040%			
26) 1,2-Dichloroethane-d4	5.952	65	83195	45.934	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.860%			
32) Benzene-d6	5.971	84	188870	43.442	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.880%			
36) 1,2-Dichloropropane-d6	7.306	67	62700	46.533	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 93.060%			
41) Toluene-d8	8.647	98	166952	39.847	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 79.700%#			
43) trans-1,3-Dichloroprop...	8.952	79	29987	41.814	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 83.620%			
47) 2-Hexanone-d5	9.385	63	70205	94.428	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 94.430%			
56) 1,1,2,2-Tetrachloroeth...	11.189	84	90398	44.809	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 89.620%			
66) 1,2-Dichlorobenzene-d4	12.317	152	59084	46.272	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.540%			
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	2480	1.983	ug/L #	66
12) 1,1-Dichloroethene	2.319	96	13735	15.121	ug/L #	25
13) Acetone	2.380	43	122064	170.521	ug/L	98
19) 1,1-Dichloroethane	3.611	63	4539	2.505	ug/L	93
20) cis-1,2-Dichloroethene	4.489	96	42431	40.578	ug/L	98
34) Trichloroethene	7.123	95	36139	32.158	ug/L	98
35) Methylcyclohexane	7.306	83	16001	9.743	ug/L #	18
37) 1,2-Dichloropropane	7.434	63	1129	1.120	ug/L #	88
44) trans-1,3-Dichloropropene	8.952	75	1692	1.024	ug/L	90

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

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Quant Title : VOC Analysis
QLast Update : Sat Mar 16 05:02:38 2024
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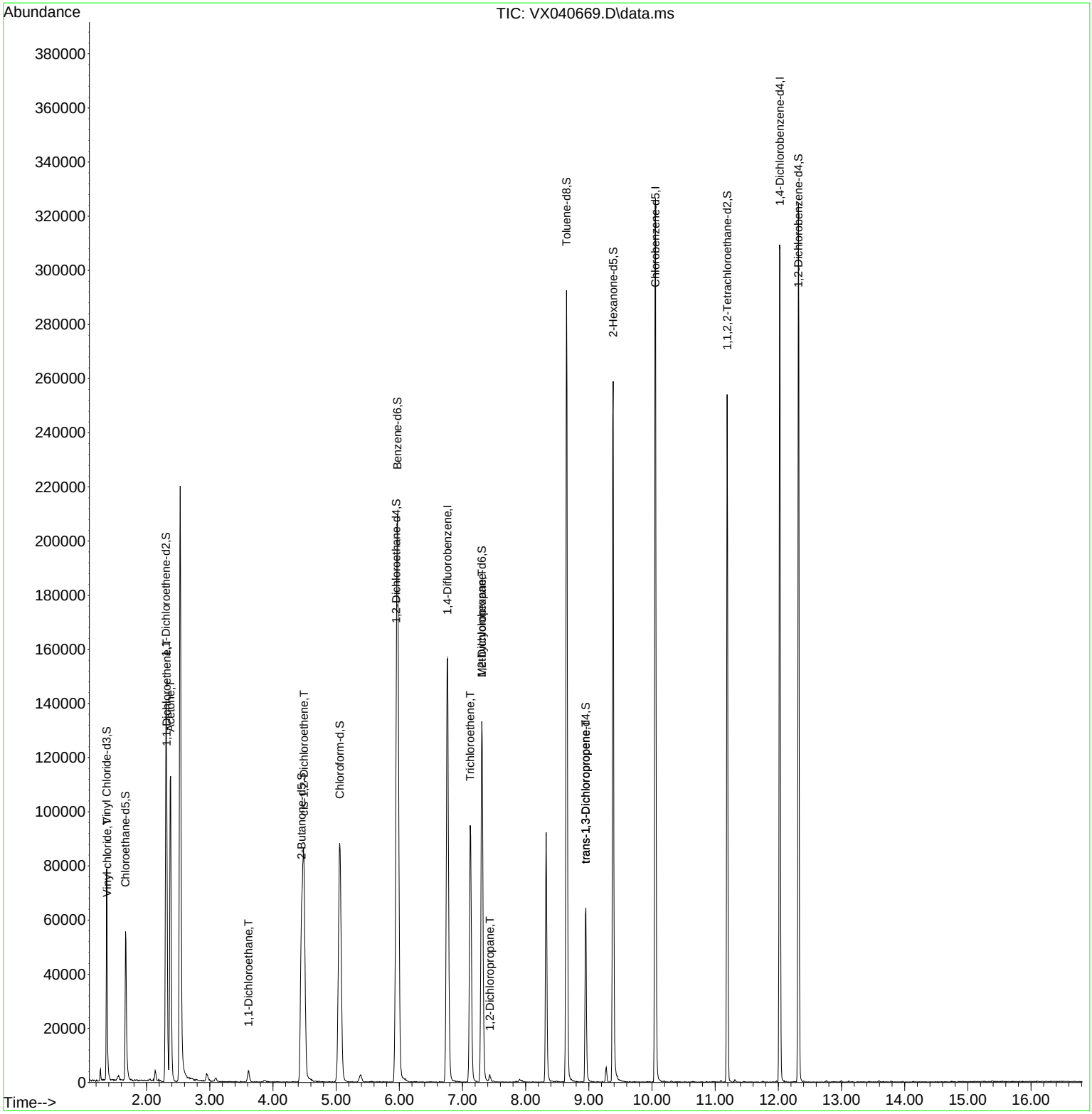
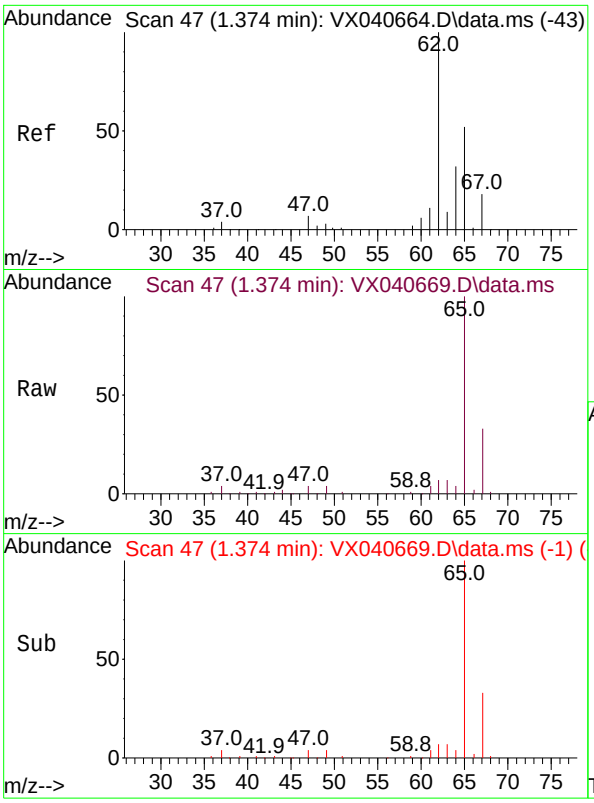


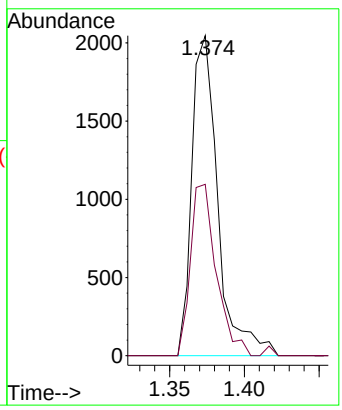


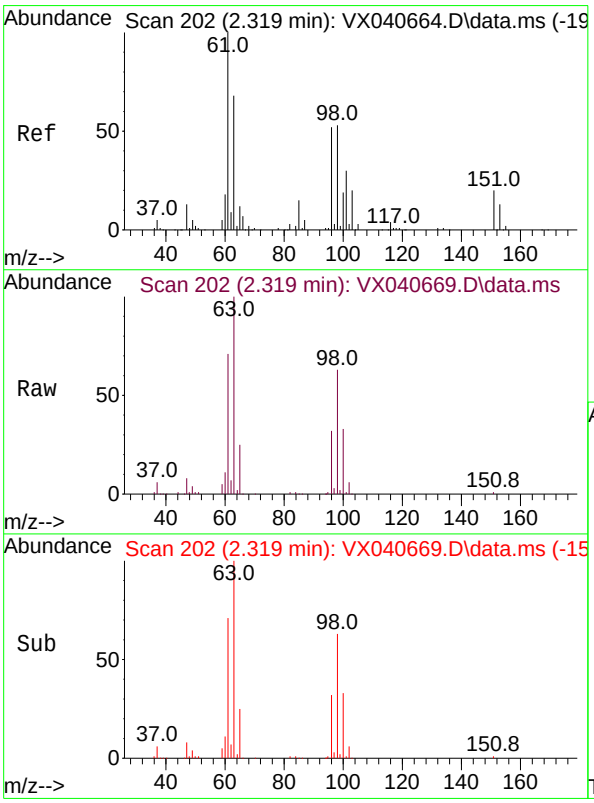
#5
Vinyl chloride
Concen: 1.983 ug/L
RT: 1.374 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX040669.D
Acq: 15 Mar 2024 21:44

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 62 Resp: 2480

Ion	Ratio	Lower	Upper
62	100		
64	53.6	23.8	44.2#

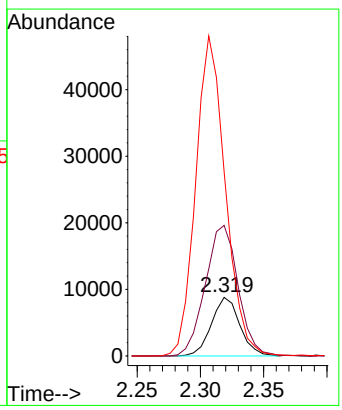


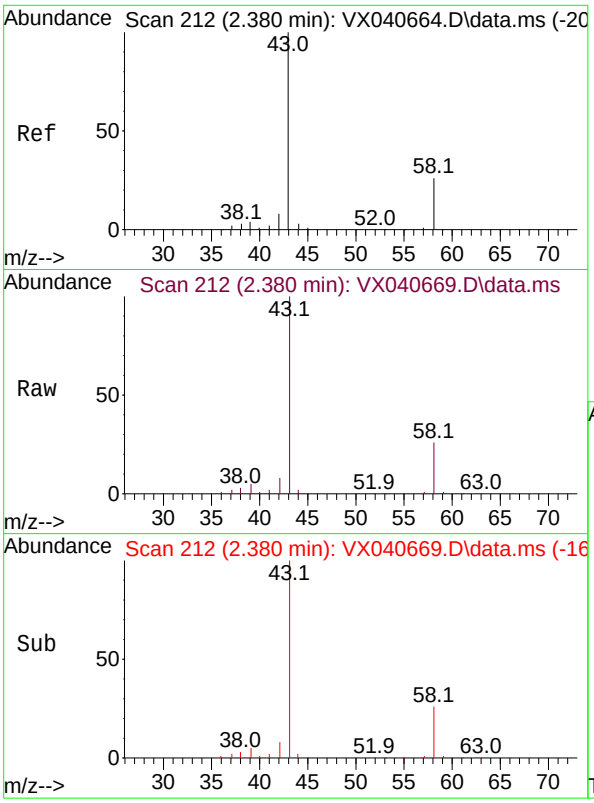


#12
1,1-Dichloroethene
Concen: 15.121 ug/L
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX040669.D
Acq: 15 Mar 2024 21:44

Tgt Ion: 96 Resp: 13735

Ion	Ratio	Lower	Upper
96	100		
61	222.8	134.8	250.4
63	314.5	92.5	171.9#



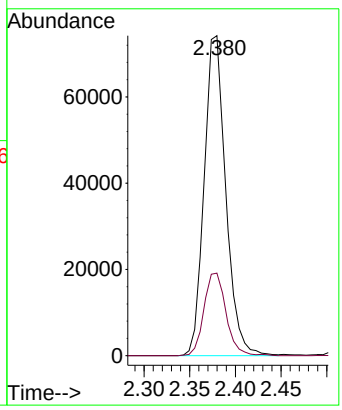


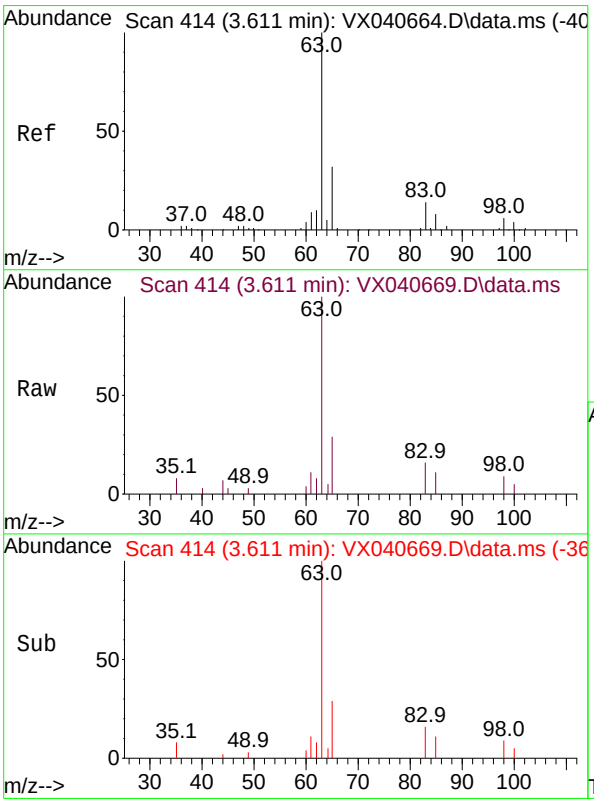
#13
Acetone
Concen: 170.521 ug/L
RT: 2.380 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX040669.D
Acq: 15 Mar 2024 21:44

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 122064

Ion	Ratio	Lower	Upper
43	100		
58	26.2	0.0	54.6

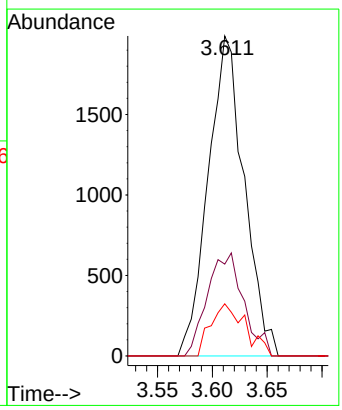


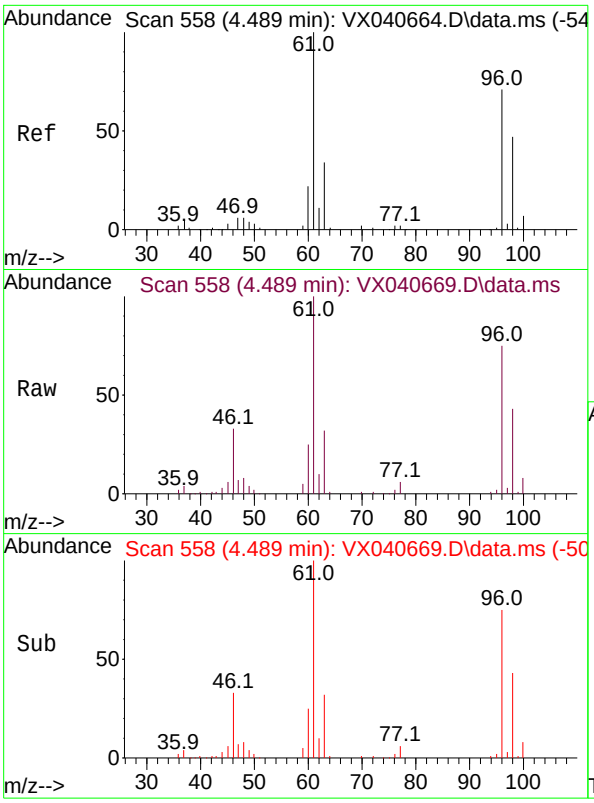


#19
1,1-Dichloroethane
Concen: 2.505 ug/L
RT: 3.611 min Scan# 414
Delta R.T. -0.000 min
Lab File: VX040669.D
Acq: 15 Mar 2024 21:44

Tgt Ion: 63 Resp: 4539

Ion	Ratio	Lower	Upper
63	100		
65	28.7	23.1	42.9
83	16.3	9.9	18.5



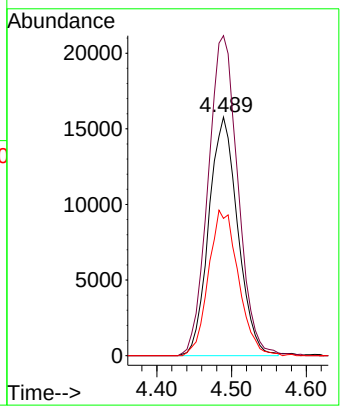


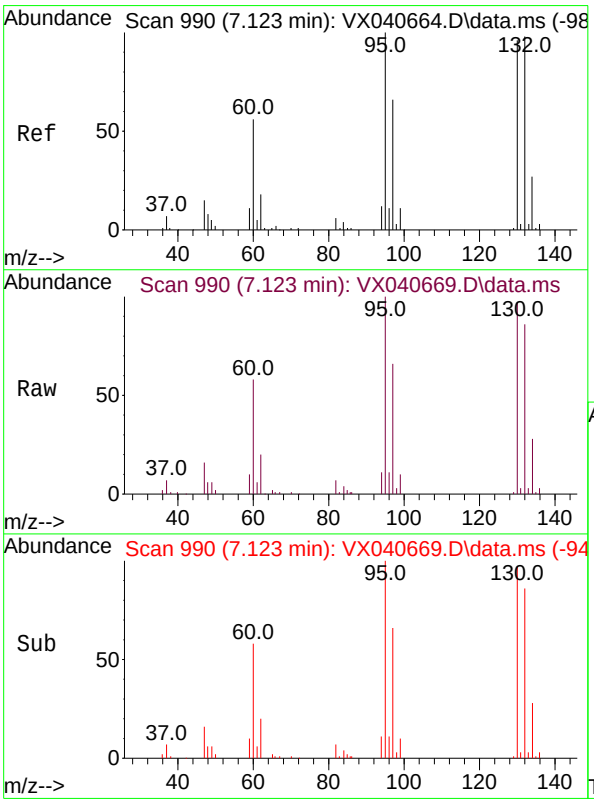
#20
cis-1,2-Dichloroethene
Concen: 40.578 ug/L
RT: 4.489 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX040669.D
Acq: 15 Mar 2024 21:44

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 96 Resp: 42431

Ion	Ratio	Lower	Upper
96	100		
61	134.1	93.0	172.8
98	57.5	42.4	78.6

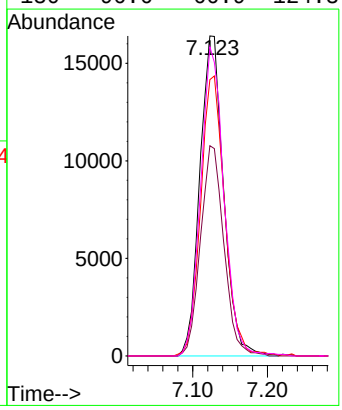


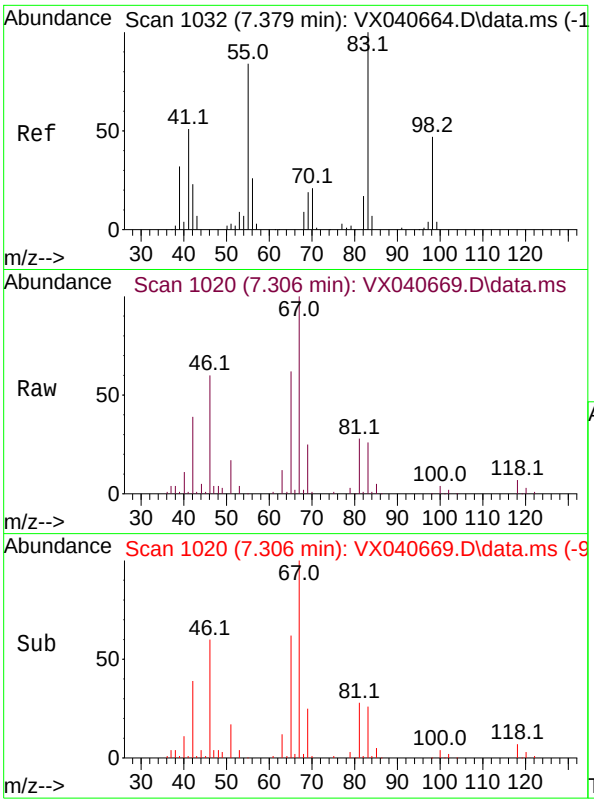


#34
Trichloroethene
Concen: 32.158 ug/L
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX040669.D
Acq: 15 Mar 2024 21:44

Tgt Ion: 95 Resp: 36139

Ion	Ratio	Lower	Upper
95	100		
97	65.7	44.7	83.1
132	86.3	61.5	114.3
130	96.6	66.9	124.3



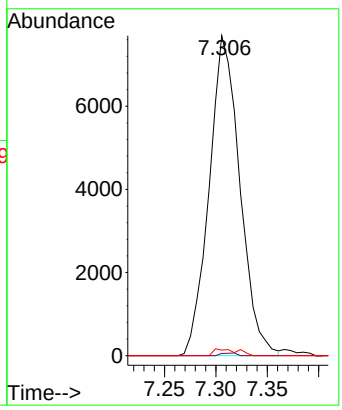


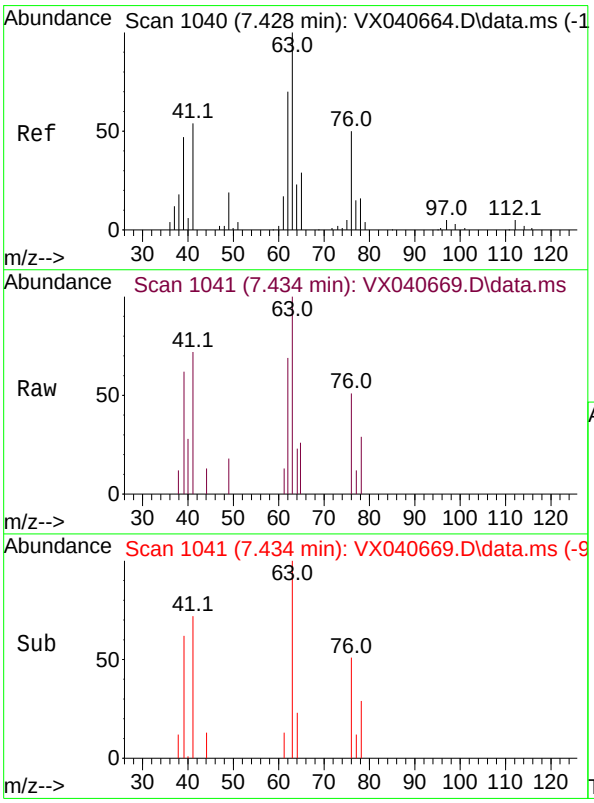
#35
Methylcyclohexane
Concen: 9.743 ug/L
RT: 7.306 min Scan# 1
Delta R.T. -0.073 min
Lab File: VX040669.D
Acq: 15 Mar 2024 21:44

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 83 Resp: 16001

Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.6	94.0#
98	1.2	37.4	56.2#

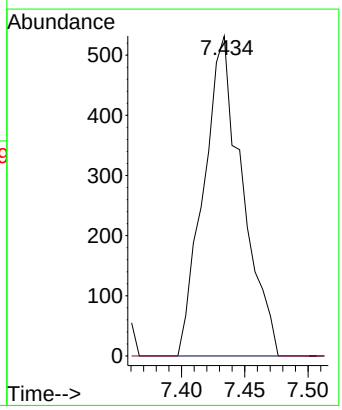


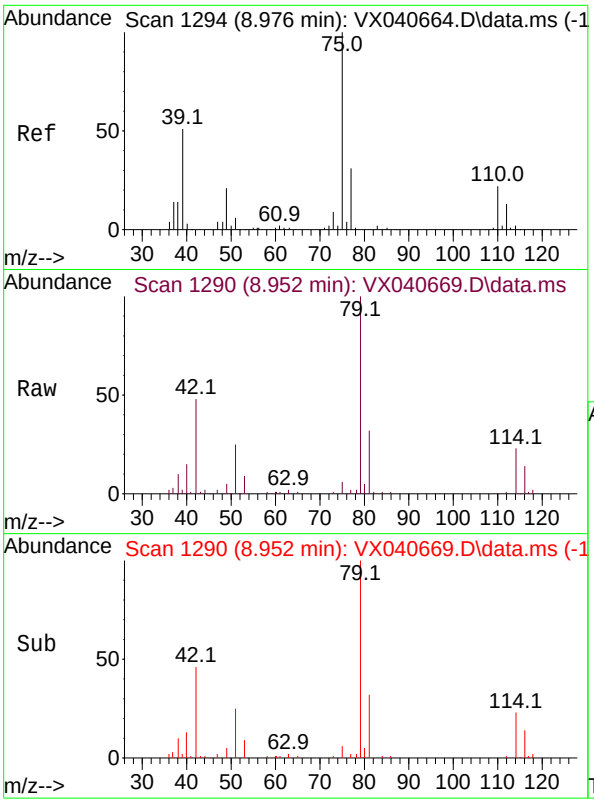


#37
1,2-Dichloropropane
Concen: 1.120 ug/L
RT: 7.434 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VX040669.D
Acq: 15 Mar 2024 21:44

Tgt Ion: 63 Resp: 1129

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.1	4.7#





#44
trans-1,3-Dichloropropene
Concen: 1.024 ug/L
RT: 8.952 min Scan# 1
Delta R.T. -0.024 min
Lab File: VX040669.D
Acq: 15 Mar 2024 21:44

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 1692

Ion	Ratio	Lower	Upper
75	100		
77	37.1	22.1	41.1