Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031524\
Data File : VX040679.D
Acq On : 16 Mar 2024 01:33
Operator : JC/MD
Sample : P1754-18
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
YCL26

Quant Time: Mar 16 05:55:55 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	150670	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	142349	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	67863	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	42160	31.921	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 63.840%			
7) Chloroethane-d5	1.666	69	40410	38.324	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 76.640%			
11) 1,1-Dichloroethene-d2	2.306	65	19976	32.856	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 65.720%			
21) 2-Butanone-d5	4.452	46	98886	97.568	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 97.570%			
24) Chloroform-d	5.056	84	106141	43.274	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.540%			
26) 1,2-Dichloroethane-d4	5.958	65	80297	43.849	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.700%			
32) Benzene-d6	5.976	84	178520	40.877	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 81.760%			
36) 1,2-Dichloropropane-d6	7.306	67	59629	44.055	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 88.100%			
41) Toluene-d8	8.647	98	157288	37.372	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 74.740%#			
43) trans-1,3-Dichloroprop...	8.952	79	28698	39.837	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 79.680%			
47) 2-Hexanone-d5	9.384	63	69150	92.591	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 92.590%			
56) 1,1,2,2-Tetrachloroeth...	11.189	84	96483	47.610	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 95.220%			
66) 1,2-Dichlorobenzene-d4	12.323	152	64832	45.613	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.220%			
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	86586	68.462	ug/L	98
12) 1,1-Dichloroethene	2.319	96	36836	40.109	ug/L	90
13) Acetone	2.380	43	85916	118.709	ug/L	100
19) 1,1-Dichloroethane	3.611	63	25362	13.844	ug/L	97
20) cis-1,2-Dichloroethene	4.489	96	53203	50.323	ug/L	98
27) 1,2-Dichloroethane	6.092	62	6994	3.850	ug/L	98
30) 1,1,1-Trichloroethane	5.391	97	12348	6.965	ug/L	97
34) Trichloroethene	7.123	95	9380	8.309	ug/L	95
37) 1,2-Dichloropropane	7.440	63	4517	4.462	ug/L #	92

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

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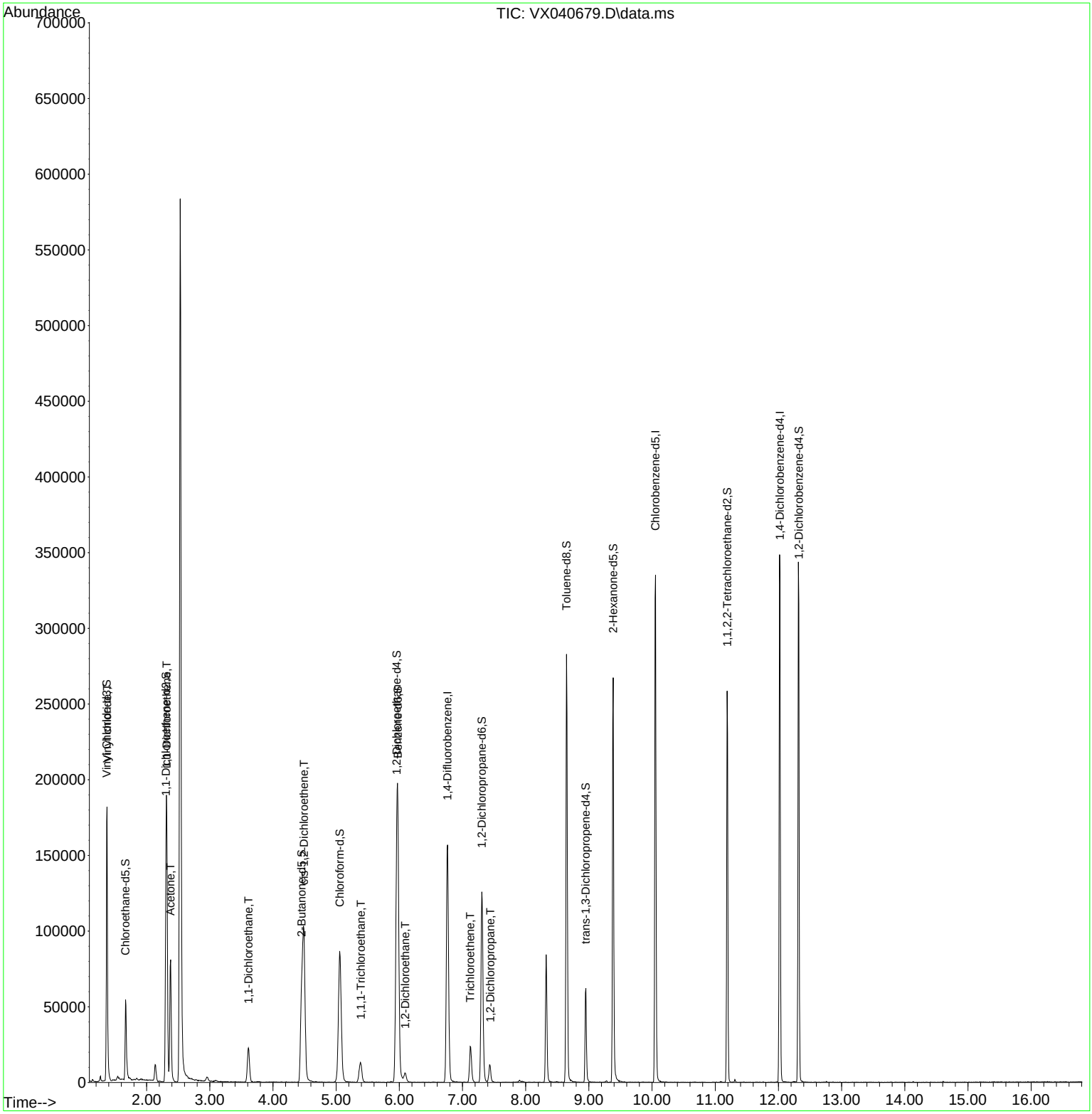
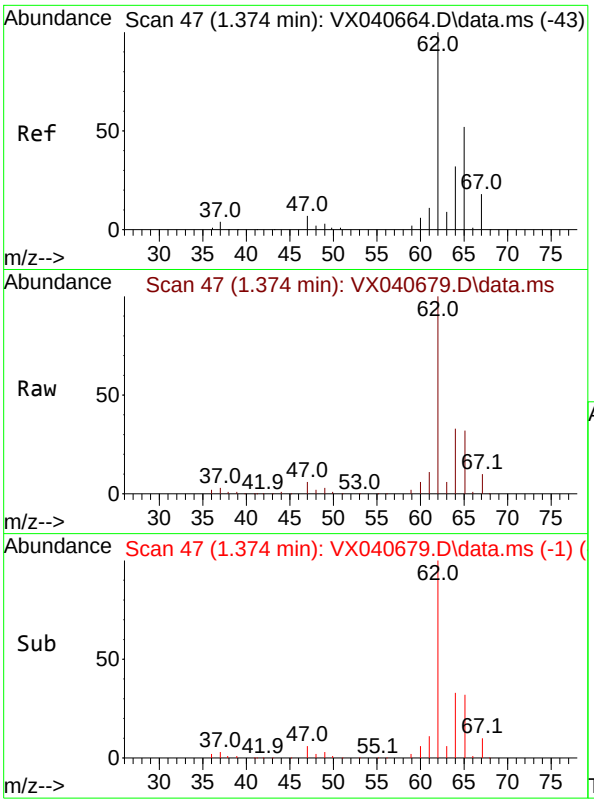


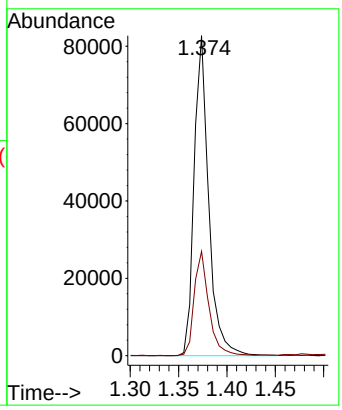


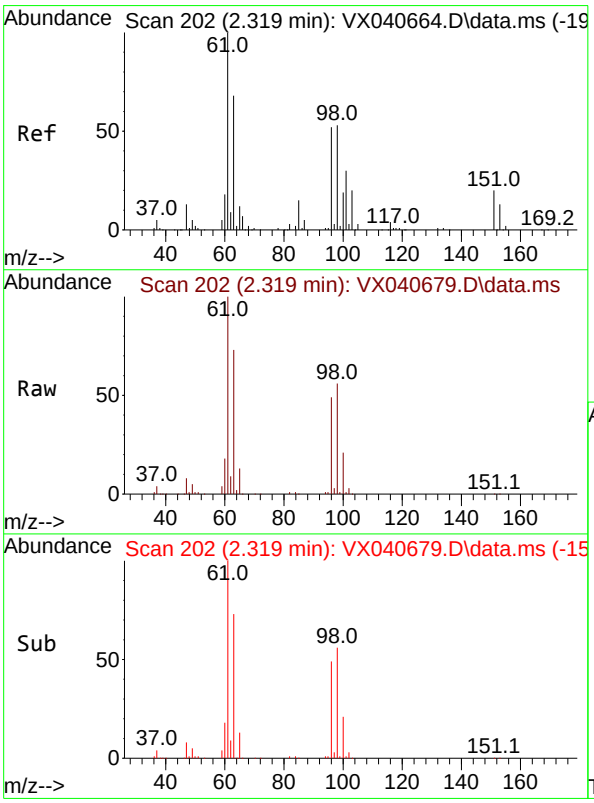
#5
Vinyl chloride
Concen: 68.462 ug/L
RT: 1.374 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX040679.D
Acq: 16 Mar 2024 01:33

Instrument :
MSVOA_X
ClientSampleId :
YCL26

Tgt Ion: 62 Resp: 86586

Ion	Ratio	Lower	Upper
62	100		
64	32.6	23.8	44.2

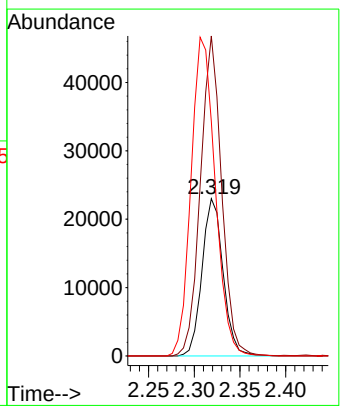


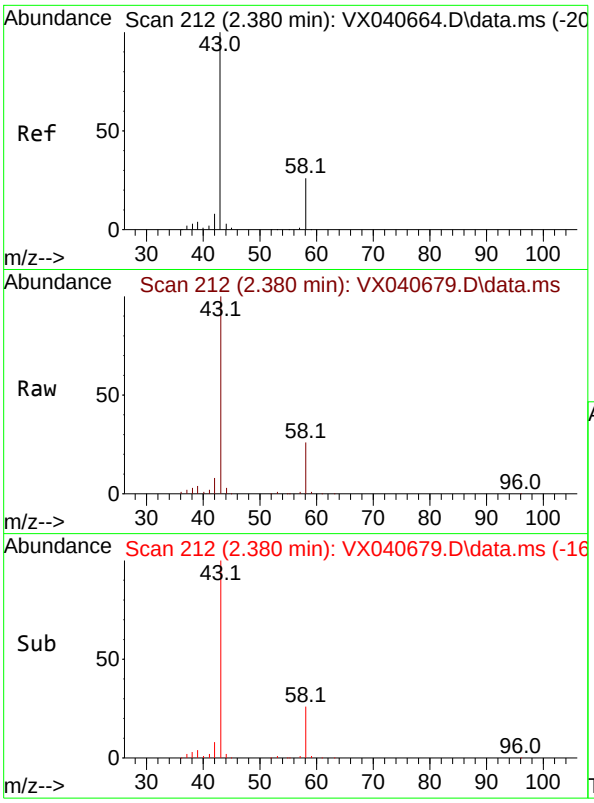


#12
1,1-Dichloroethene
Concen: 40.109 ug/L
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX040679.D
Acq: 16 Mar 2024 01:33

Tgt Ion: 96 Resp: 36836

Ion	Ratio	Lower	Upper
96	100		
61	203.4	134.8	250.4
63	149.1	92.5	171.9



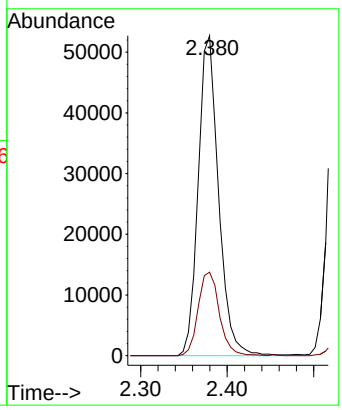


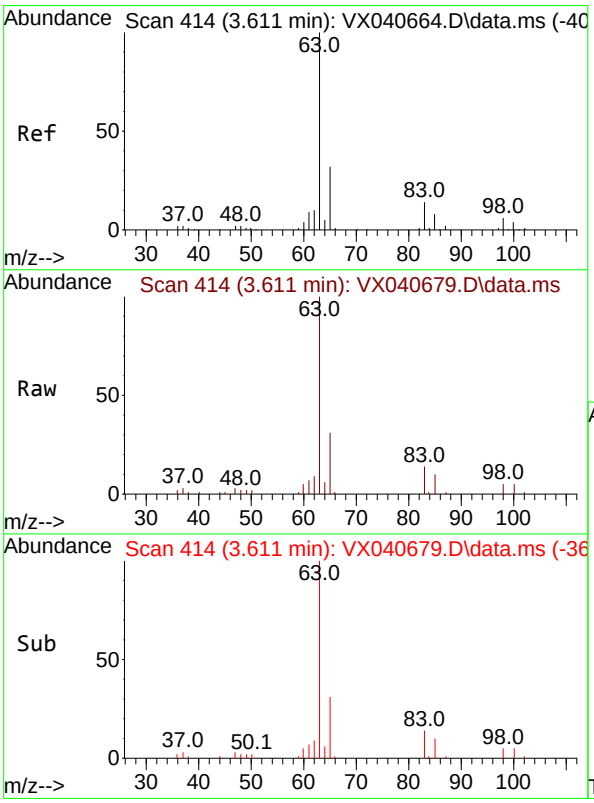
#13
Acetone
Concen: 118.709 ug/L
RT: 2.380 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX040679.D
Acq: 16 Mar 2024 01:33

Instrument :
MSVOA_X
ClientSampleId :
YCL26

Tgt Ion: 43 Resp: 85916

Ion	Ratio	Lower	Upper
43	100		
58	27.2	0.0	54.6

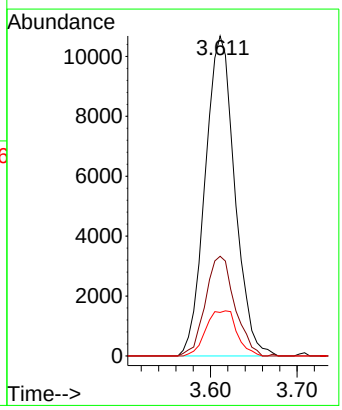


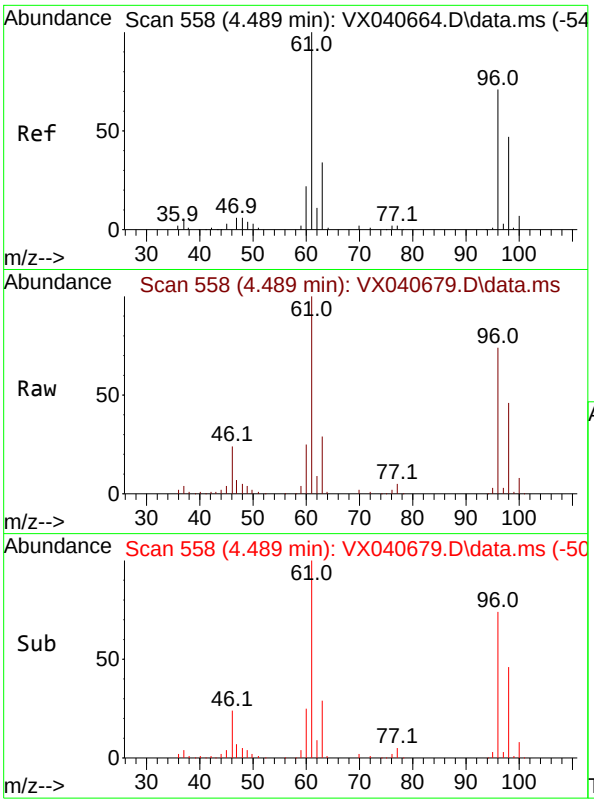


#19
1,1-Dichloroethane
Concen: 13.844 ug/L
RT: 3.611 min Scan# 414
Delta R.T. -0.000 min
Lab File: VX040679.D
Acq: 16 Mar 2024 01:33

Tgt Ion: 63 Resp: 25362

Ion	Ratio	Lower	Upper
63	100		
65	31.1	23.1	42.9
83	13.6	9.9	18.5



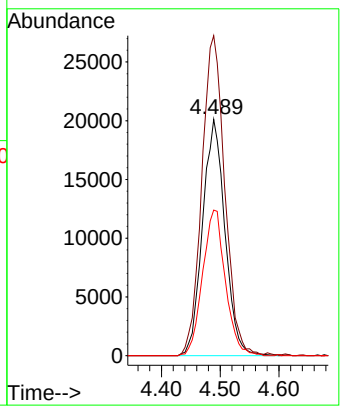


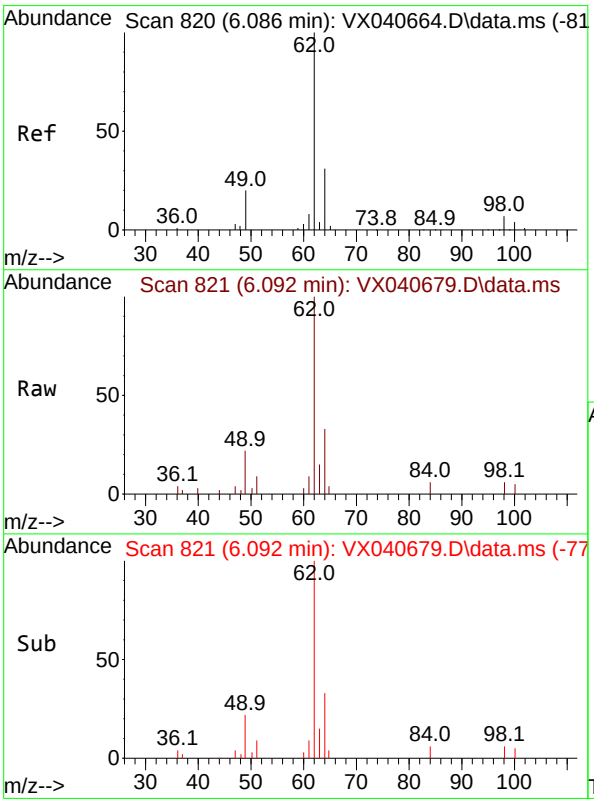
#20
cis-1,2-Dichloroethene
Concen: 50.323 ug/L
RT: 4.489 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX040679.D
Acq: 16 Mar 2024 01:33

Instrument :
MSVOA_X
ClientSampleId :
YCL26

Tgt Ion: 96 Resp: 53203

Ion	Ratio	Lower	Upper
96	100		
61	135.4	93.0	172.8
98	61.6	42.4	78.6

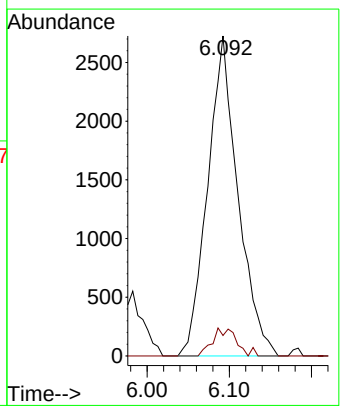


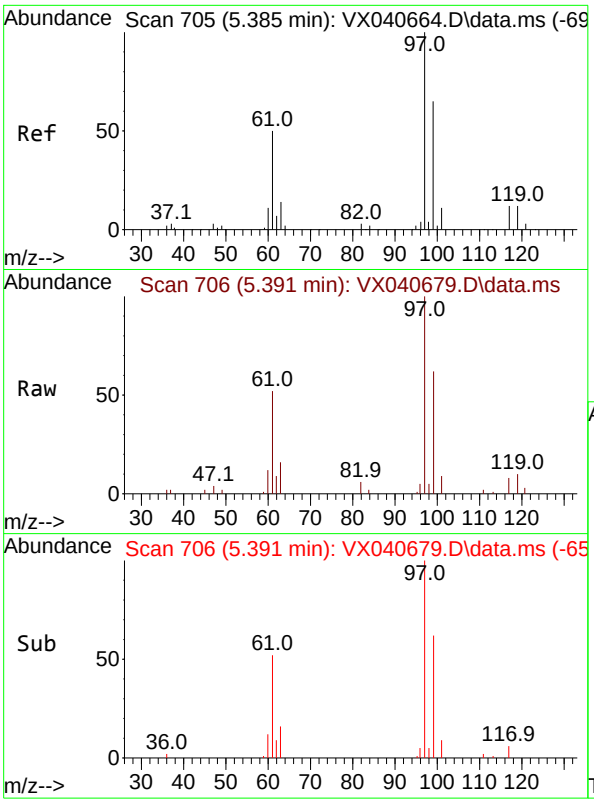


#27
1,2-Dichloroethane
Concen: 3.850 ug/L
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX040679.D
Acq: 16 Mar 2024 01:33

Tgt Ion: 62 Resp: 6994

Ion	Ratio	Lower	Upper
62	100		
98	6.4	5.8	8.6



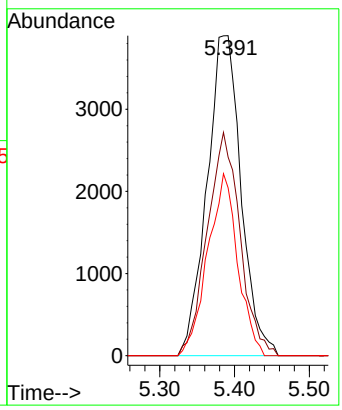


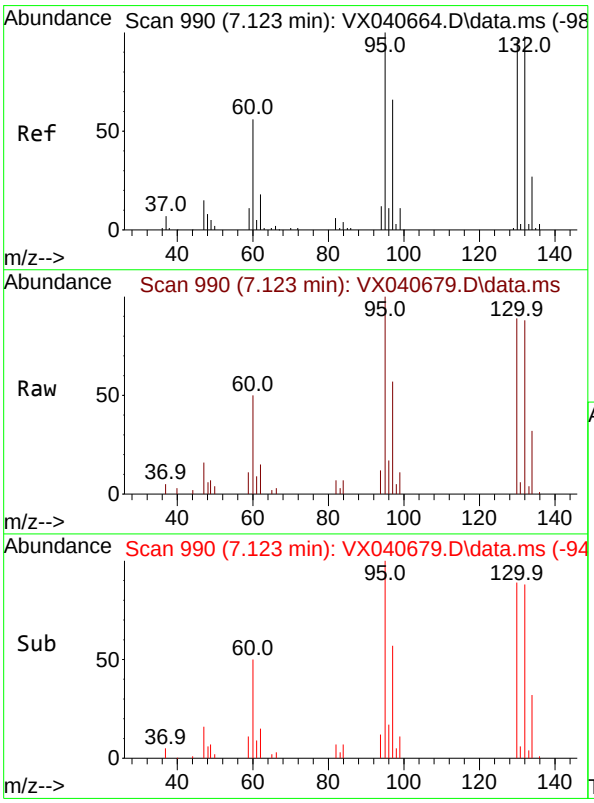
#30
1,1,1-Trichloroethane
Concen: 6.965 ug/L
RT: 5.391 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX040679.D
Acq: 16 Mar 2024 01:33

Instrument :
MSVOA_X
ClientSampleId :
YCL26

Tgt Ion: 97 Resp: 12348

Ion	Ratio	Lower	Upper
97	100		
99	67.2	52.1	78.1
61	50.1	38.3	57.5

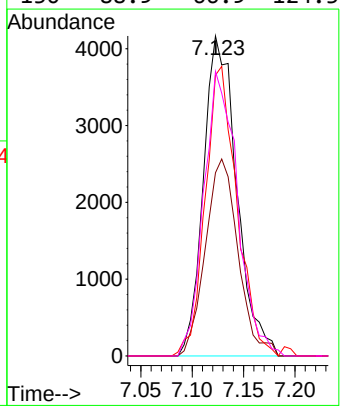


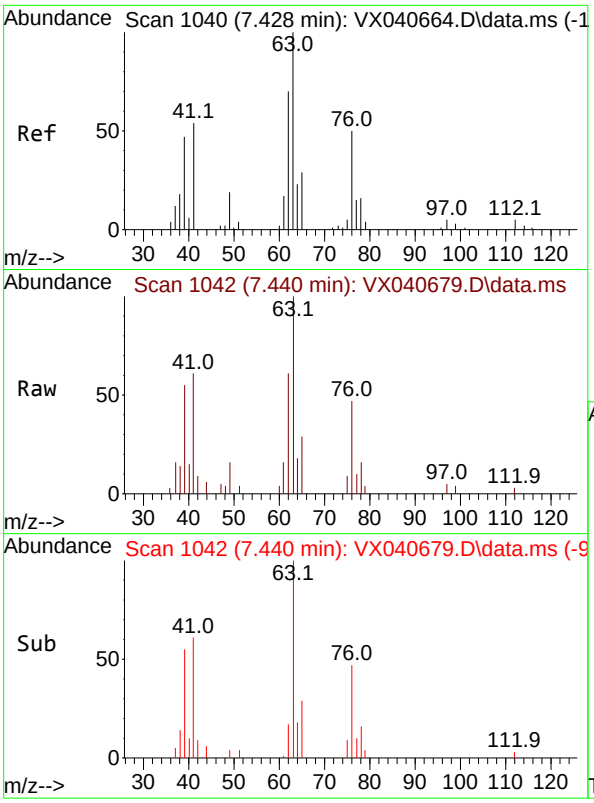


#34
Trichloroethene
Concen: 8.309 ug/L
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX040679.D
Acq: 16 Mar 2024 01:33

Tgt Ion: 95 Resp: 9380

Ion	Ratio	Lower	Upper
95	100		
97	57.2	44.7	83.1
132	87.7	61.5	114.3
130	88.9	66.9	124.3





#37
1,2-Dichloropropane
Concen: 4.462 ug/L
RT: 7.440 min Scan# 1
Delta R.T. 0.012 min
Lab File: VX040679.D
Acq: 16 Mar 2024 01:33

Instrument :
MSVOA_X
ClientSampleId :
YCL26

Tgt Ion: 63 Resp: 4517

Ion	Ratio	Lower	Upper
63	100		
112	1.2	3.1	4.7#