Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031524\
Data File : VX040660.D
Acq On : 15 Mar 2024 17:33
Operator : JC/MD
Sample : P1753-22
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Mar 16 02:54:59 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM030724WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 16 01:57:16 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	147030	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	140750	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	59610	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	46194	35.841	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 71.680%			
7) Chloroethane-d5	1.666	69	42506	41.310	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 82.620%			
11) 1,1-Dichloroethene-d2	2.306	65	20748	34.970	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 69.940%			
21) 2-Butanone-d5	4.452	46	93802	94.843	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 94.840%			
24) Chloroform-d	5.056	84	105981	44.279	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.560%			
26) 1,2-Dichloroethane-d4	5.952	65	81038	45.349	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.700%			
32) Benzene-d6	5.970	84	185896	43.050	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.100%			
36) 1,2-Dichloropropane-d6	7.306	67	60411	45.140	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 90.280%			
41) Toluene-d8	8.647	98	165038	39.659	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 79.320%#			
43) trans-1,3-Dichloroprop...	8.952	79	29060	40.798	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 81.600%			
47) 2-Hexanone-d5	9.384	63	67164	90.953	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 90.950%			
56) 1,1,2,2-Tetrachloroeth...	11.189	84	92373	46.100	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 92.200%			
66) 1,2-Dichlorobenzene-d4	12.323	152	61565	49.311	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.620%			
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	2021	1.638	ug/L #	57
12) 1,1-Dichloroethene	2.319	96	18916	21.107	ug/L #	60
13) Acetone	2.373	43	104427	147.858	ug/L	98
19) 1,1-Dichloroethane	3.611	63	9431	5.275	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	6168	5.979	ug/L	93
27) 1,2-Dichloroethane	6.086	62	35331	19.929	ug/L	100
30) 1,1,1-Trichloroethane	5.385	97	3680	2.099	ug/L #	63
35) Methylcyclohexane	7.306	83	15392	9.436	ug/L #	18
44) trans-1,3-Dichloropropene	8.952	75	1691	1.030	ug/L #	80

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

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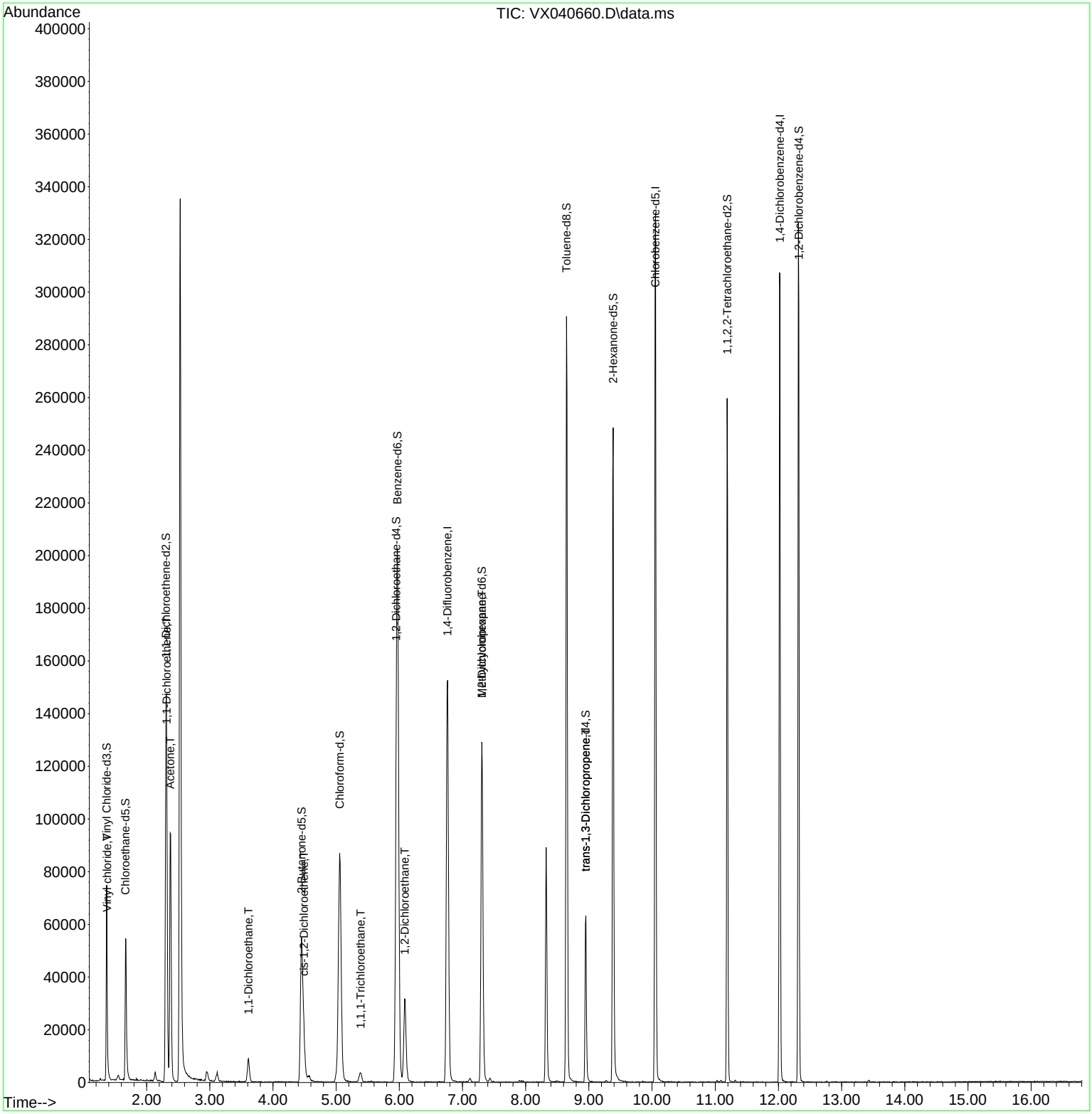
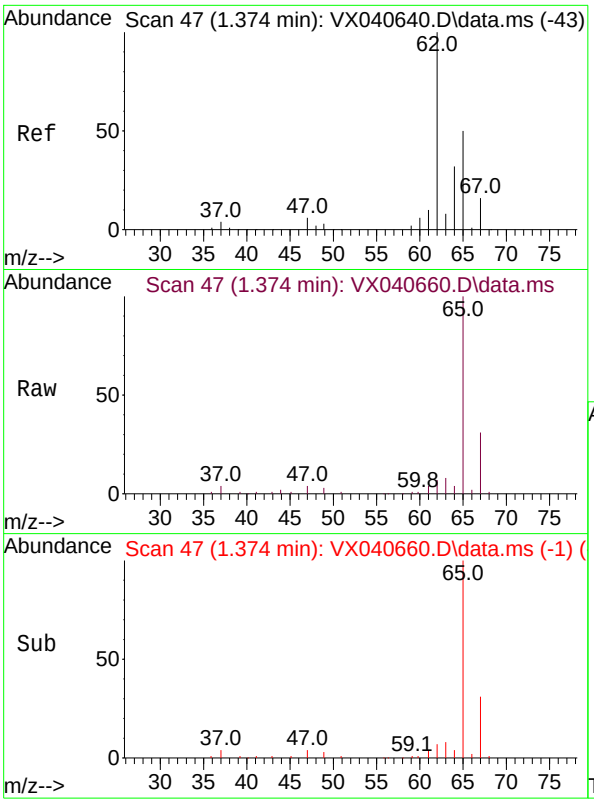


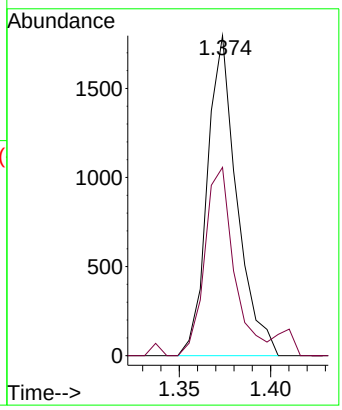


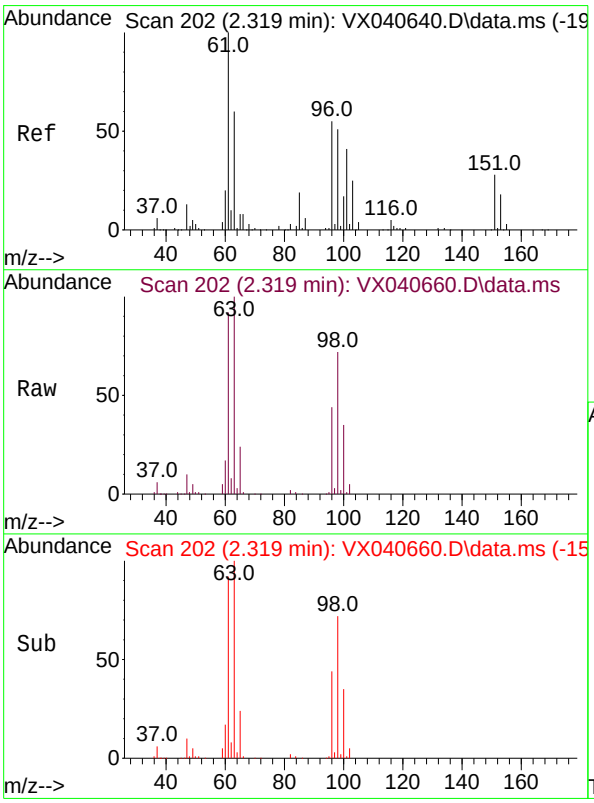
#5
Vinyl chloride
Concen: 1.638 ug/L
RT: 1.374 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX040660.D
Acq: 15 Mar 2024 17:33

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 62 Resp: 2021

Ion	Ratio	Lower	Upper
62	100		
64	58.9	23.8	44.2#

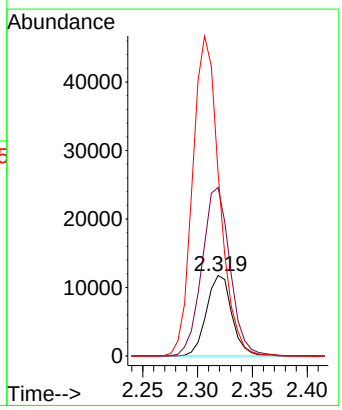


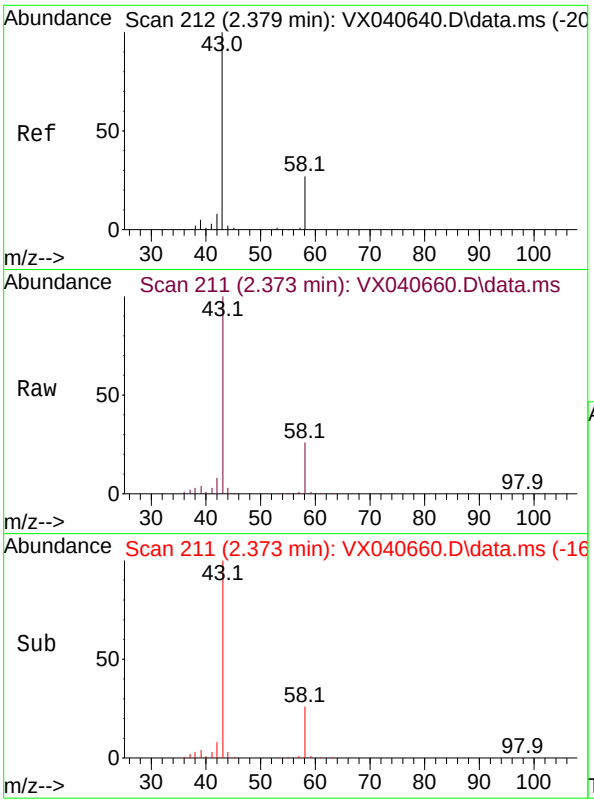


#12
1,1-Dichloroethene
Concen: 21.107 ug/L
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX040660.D
Acq: 15 Mar 2024 17:33

Tgt Ion: 96 Resp: 18916

Ion	Ratio	Lower	Upper
96	100		
61	209.6	134.8	250.4
63	228.6	92.5	171.9#



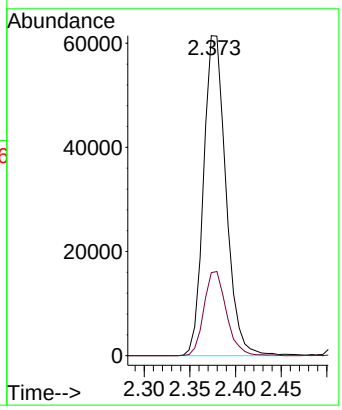


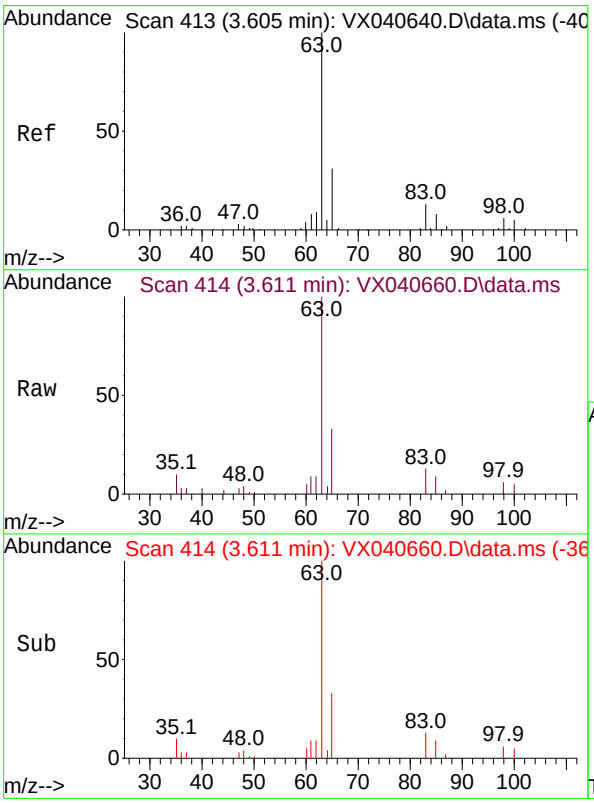
#13
Acetone
Concen: 147.858 ug/L
RT: 2.373 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX040660.D
Acq: 15 Mar 2024 17:33

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 104427

Ion	Ratio	Lower	Upper
43	100		
58	26.5	0.0	54.6

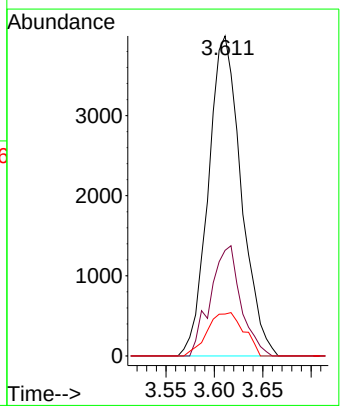


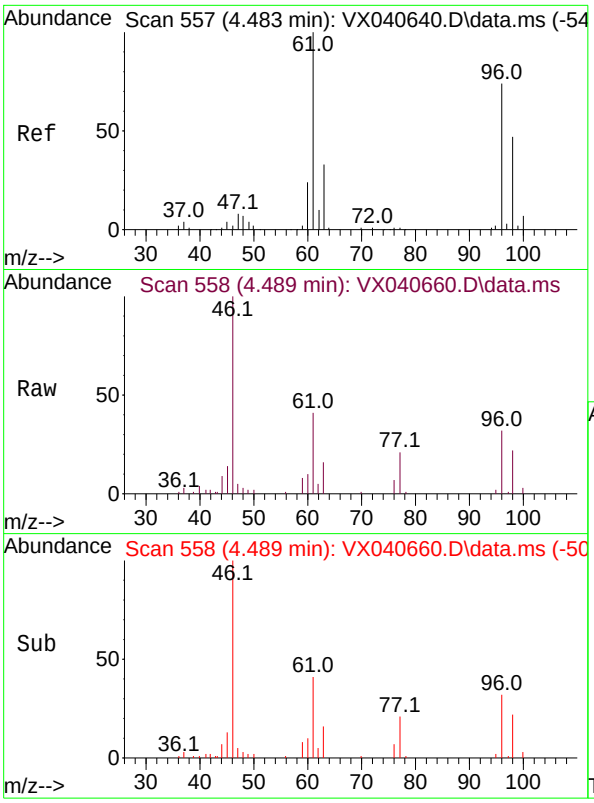


#19
1,1-Dichloroethane
Concen: 5.275 ug/L
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX040660.D
Acq: 15 Mar 2024 17:33

Tgt Ion: 63 Resp: 9431

Ion	Ratio	Lower	Upper
63	100		
65	33.0	23.1	42.9
83	13.1	9.9	18.5



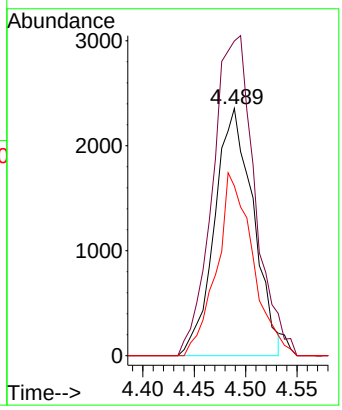


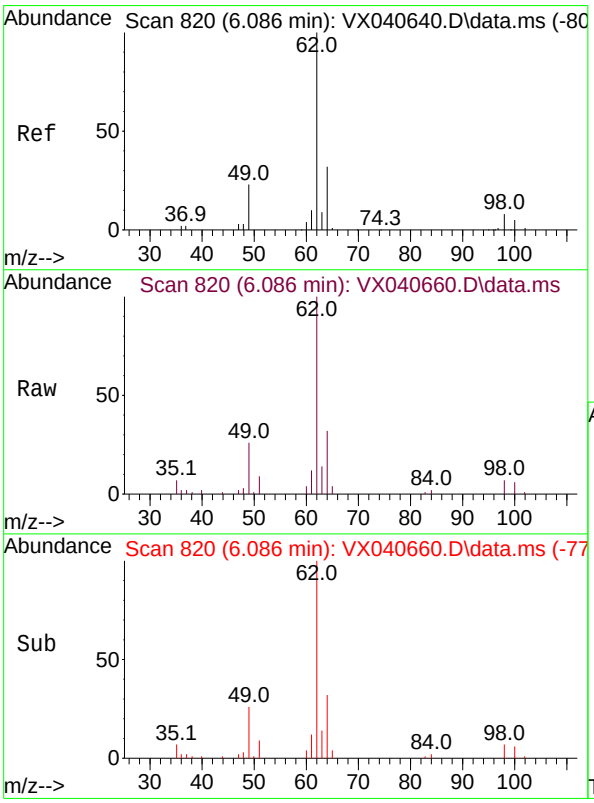
#20
cis-1,2-Dichloroethene
Concen: 5.979 ug/L
RT: 4.489 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX040660.D
Acq: 15 Mar 2024 17:33

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 96 Resp: 6168

Ion	Ratio	Lower	Upper
96	100		
61	127.2	93.0	172.8
98	68.6	42.4	78.6

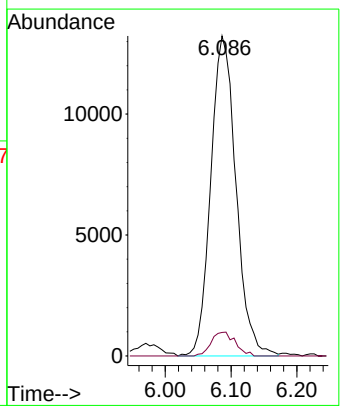


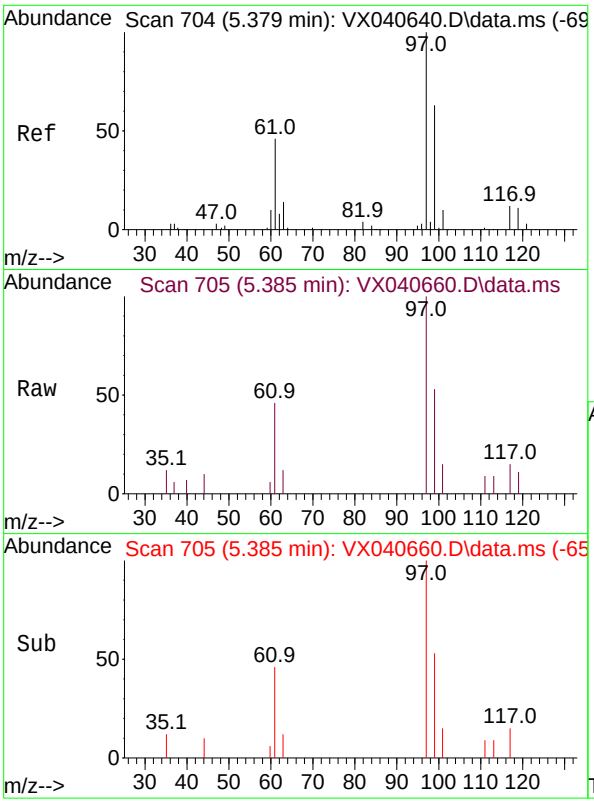


#27
1,2-Dichloroethane
Concen: 19.929 ug/L
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX040660.D
Acq: 15 Mar 2024 17:33

Tgt Ion: 62 Resp: 35331

Ion	Ratio	Lower	Upper
62	100		
98	7.3	5.8	8.6



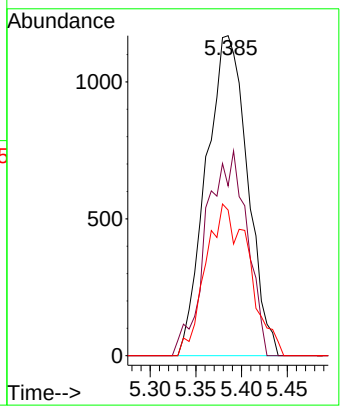


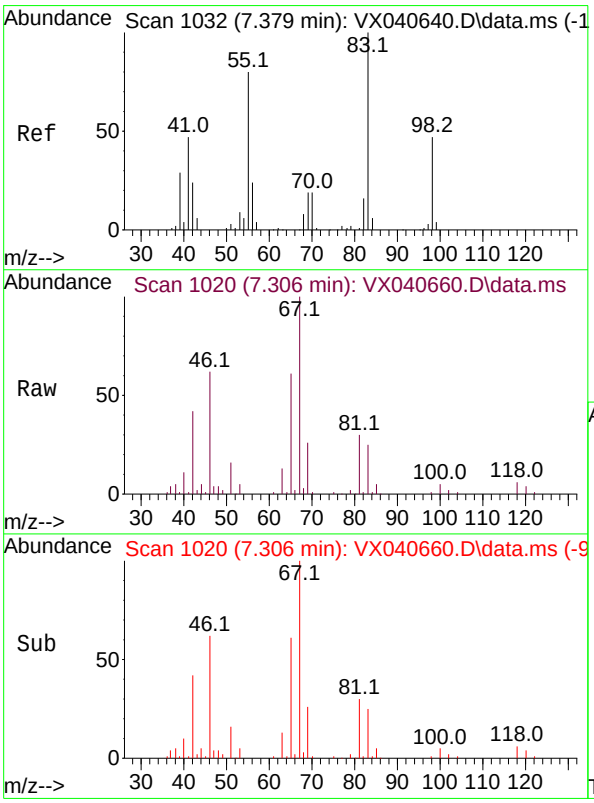
#30
1,1,1-Trichloroethane
Concen: 2.099 ug/L
RT: 5.385 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX040660.D
Acq: 15 Mar 2024 17:33

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 97 Resp: 3680

Ion	Ratio	Lower	Upper
97	100		
99	39.3	52.1	78.1#
61	18.3	38.3	57.5#

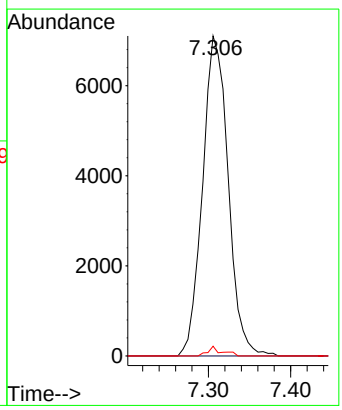


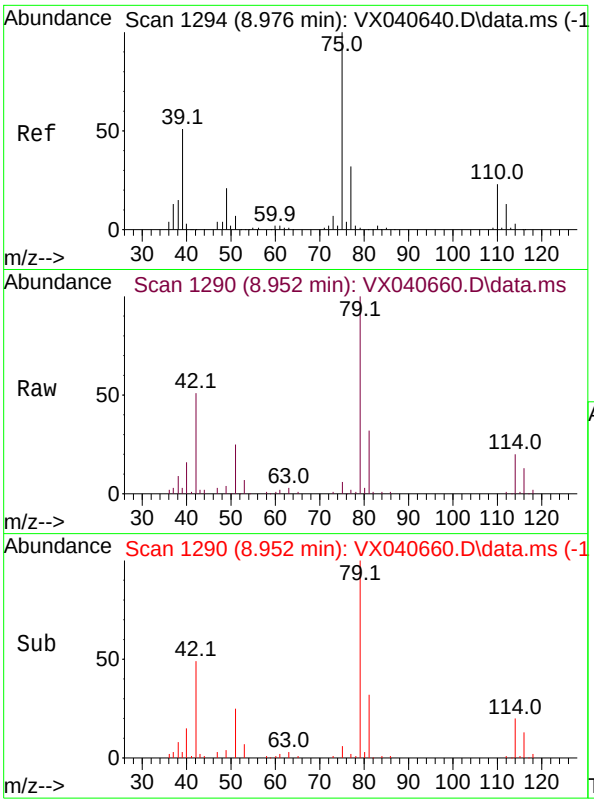


#35
Methylcyclohexane
Concen: 9.436 ug/L
RT: 7.306 min Scan# 1020
Delta R.T. -0.073 min
Lab File: VX040660.D
Acq: 15 Mar 2024 17:33

Tgt Ion: 83 Resp: 15392

Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.6	94.0#
98	1.0	37.4	56.2#





#44
trans-1,3-Dichloropropene
Concen: 1.030 ug/L
RT: 8.952 min Scan# 1
Delta R.T. -0.024 min
Lab File: VX040660.D
Acq: 15 Mar 2024 17:33

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 1691

Ion	Ratio	Lower	Upper
75	100		
77	42.6	22.1	41.1#