Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031524\
Data File : VX040653.D
Acq On : 15 Mar 2024 14:52
Operator : JC/MD
Sample : P1753-12
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Mar 16 02:53:26 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	148447	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	140627	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	68046	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	49039	37.686	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	75.380%		
7) Chloroethane-d5	1.666	69	43888	42.246	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	84.500%		
11) 1,1-Dichloroethene-d2	2.307	65	22227	37.106	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	74.220%		
21) 2-Butanone-d5	4.452	46	96167	96.306	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	96.310%		
24) Chloroform-d	5.062	84	112156	46.412	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.820%		
26) 1,2-Dichloroethane-d4	5.952	65	84597	46.889	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.780%		
32) Benzene-d6	5.970	84	191588	44.407	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.820%		
36) 1,2-Dichloropropane-d6	7.306	67	63112	47.199	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	94.400%		
41) Toluene-d8	8.647	98	172029	41.375	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	82.740%		
43) trans-1,3-Dichloroprop...	8.952	79	30585	42.976	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.960%		
47) 2-Hexanone-d5	9.384	63	69597	94.330	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	94.330%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	96818	48.361	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	96.720%		
66) 1,2-Dichlorobenzene-d4	12.317	152	68693	48.199	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.400%		
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	2513	2.017	ug/L #	54
12) 1,1-Dichloroethene	2.319	96	13921	15.385	ug/L #	36
13) Acetone	2.380	43	70054	98.242	ug/L	99
19) 1,1-Dichloroethane	3.611	63	8141	4.510	ug/L #	94
20) cis-1,2-Dichloroethene	4.483	96	3489	3.350	ug/L	97
35) Methylcyclohexane	7.312	83	15855	9.729	ug/L #	19
39) cis-1,3-Dichloropropene	8.324	75	2418	1.436	ug/L #	82
44) trans-1,3-Dichloropropene	8.952	75	1657	1.010	ug/L	85

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

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ClientSampleId :

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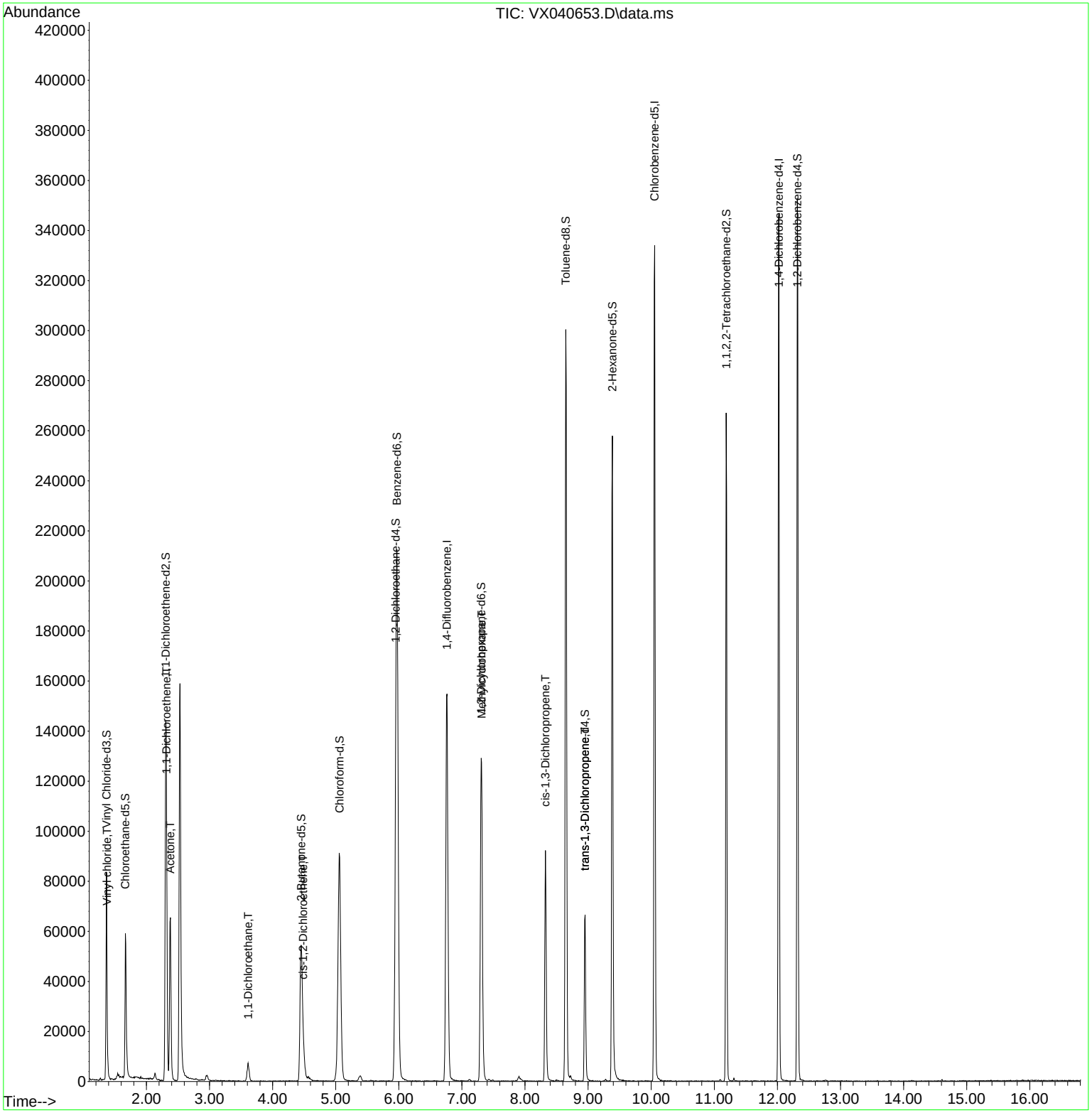
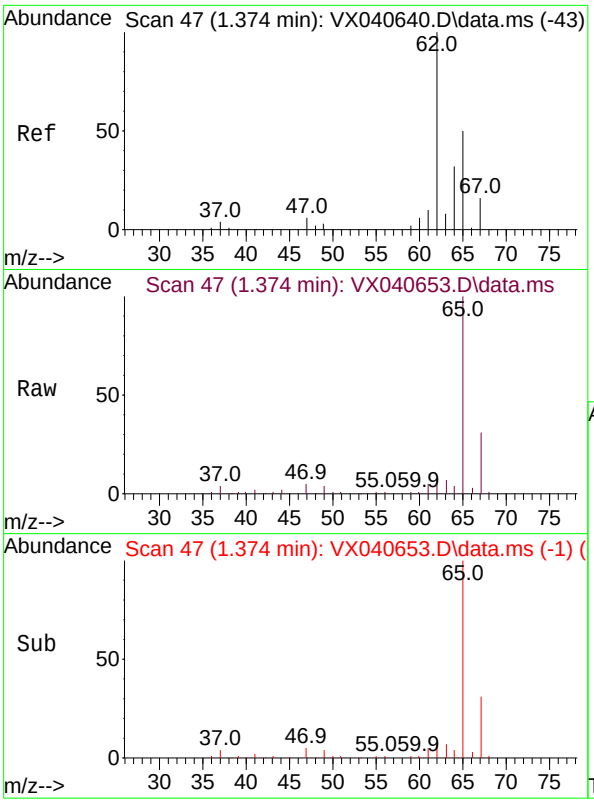


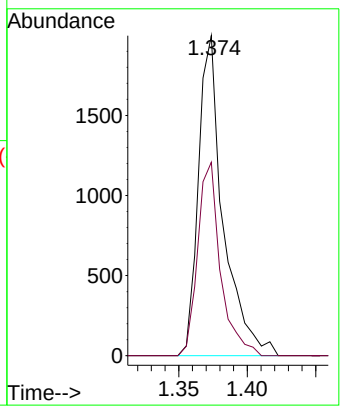


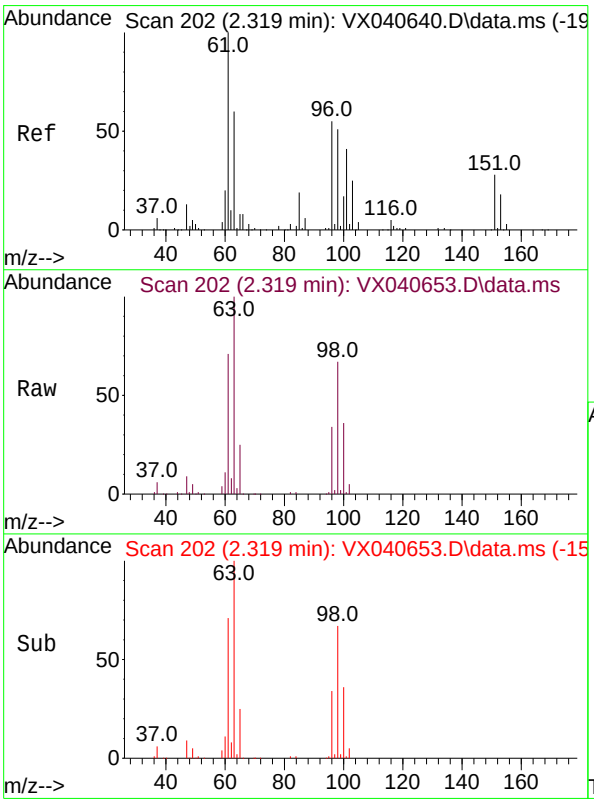
#5
Vinyl chloride
Concen: 2.017 ug/L
RT: 1.374 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX040653.D
Acq: 15 Mar 2024 14:52

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 62 Resp: 2513

Ion	Ratio	Lower	Upper
62	100		
64	60.5	23.8	44.2#

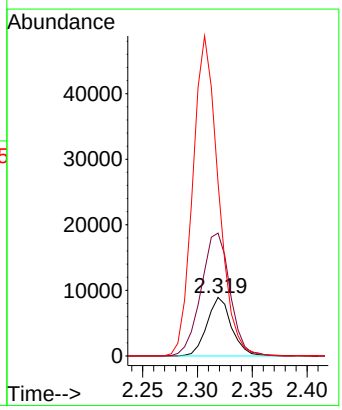


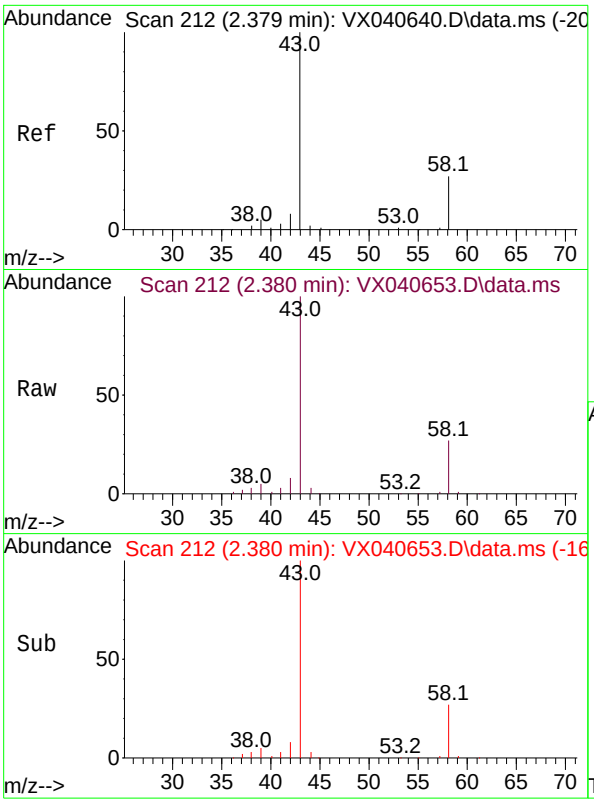


#12
1,1-Dichloroethene
Concen: 15.385 ug/L
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX040653.D
Acq: 15 Mar 2024 14:52

Tgt Ion: 96 Resp: 13921

Ion	Ratio	Lower	Upper
96	100		
61	210.1	134.8	250.4
63	296.6	92.5	171.9#



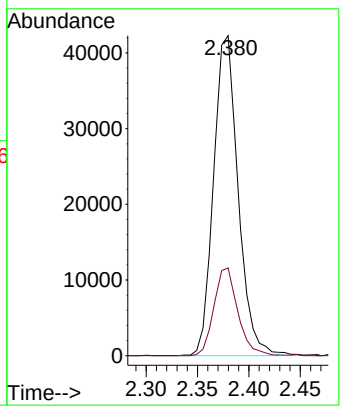


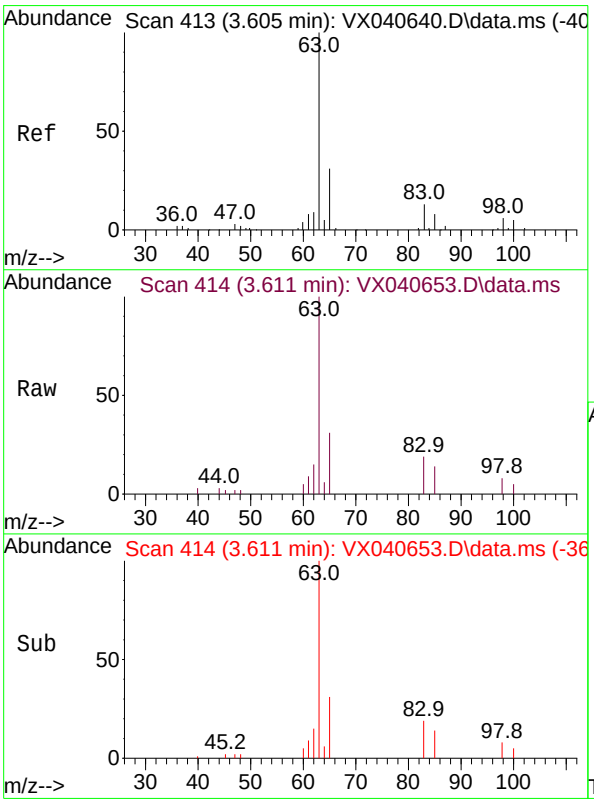
#13
Acetone
Concen: 98.242 ug/L
RT: 2.380 min Scan# 2
Delta R.T. 0.001 min
Lab File: VX040653.D
Acq: 15 Mar 2024 14:52

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 70054

Ion	Ratio	Lower	Upper
43	100		
58	26.7	0.0	54.6

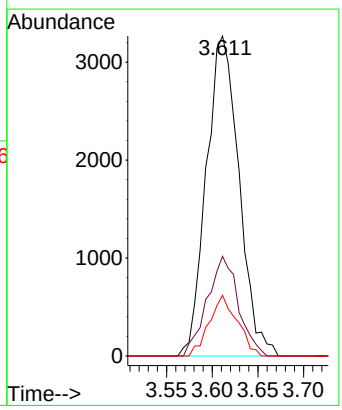


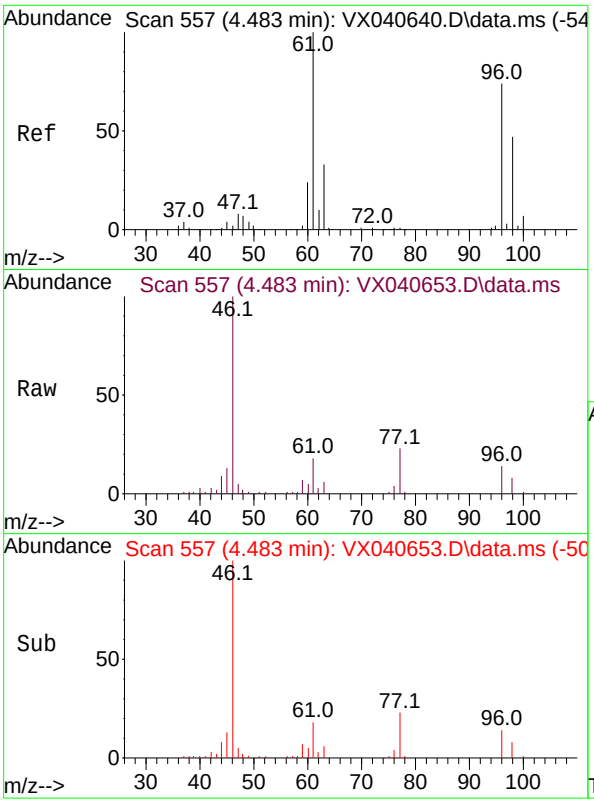


#19
1,1-Dichloroethane
Concen: 4.510 ug/L
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX040653.D
Acq: 15 Mar 2024 14:52

Tgt Ion: 63 Resp: 8141

Ion	Ratio	Lower	Upper
63	100		
65	31.2	23.1	42.9
83	19.0	9.9	18.5#



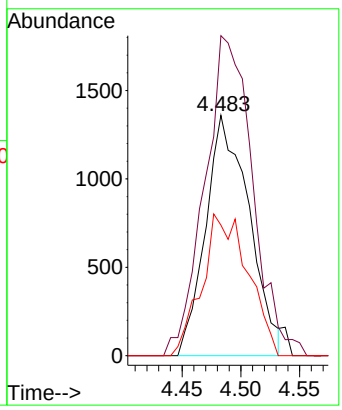


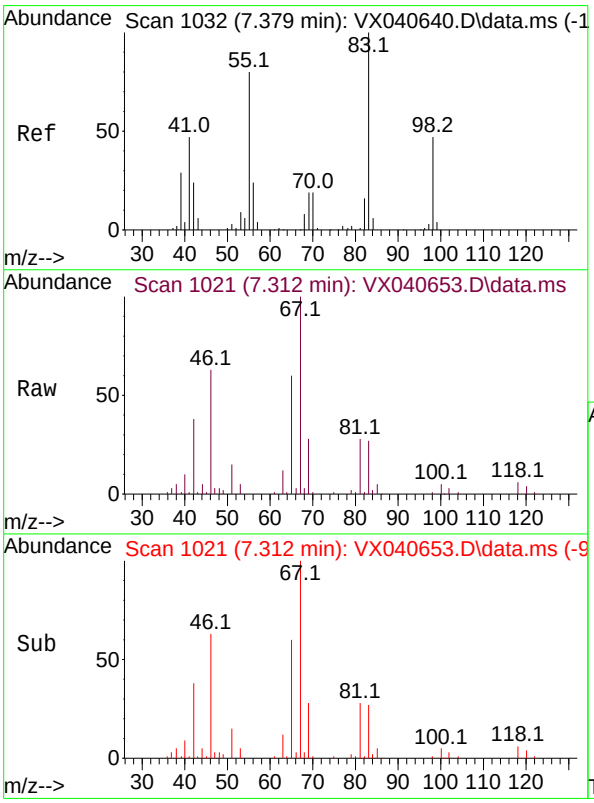
#20
cis-1,2-Dichloroethene
Concen: 3.350 ug/L
RT: 4.483 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX040653.D
Acq: 15 Mar 2024 14:52

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 96 Resp: 3489

Ion	Ratio	Lower	Upper
96	100		
61	133.2	93.0	172.8
98	54.4	42.4	78.6

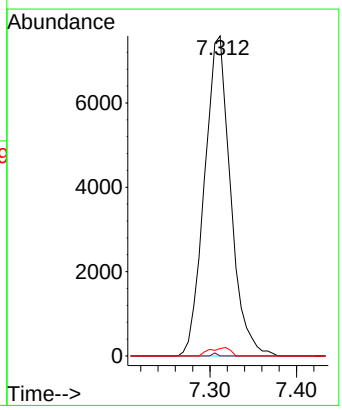


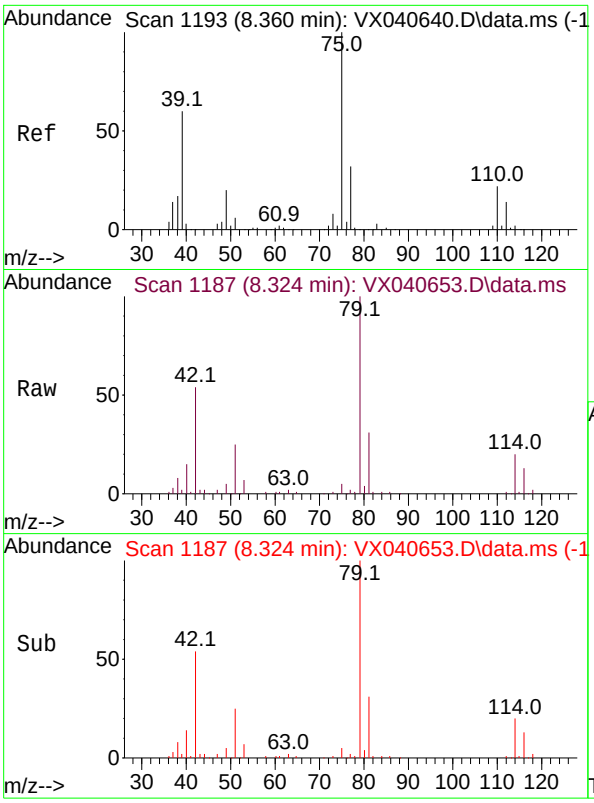


#35
Methylcyclohexane
Concen: 9.729 ug/L
RT: 7.312 min Scan# 1021
Delta R.T. -0.067 min
Lab File: VX040653.D
Acq: 15 Mar 2024 14:52

Tgt Ion: 83 Resp: 15855

Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.6	94.0#
98	2.1	37.4	56.2#



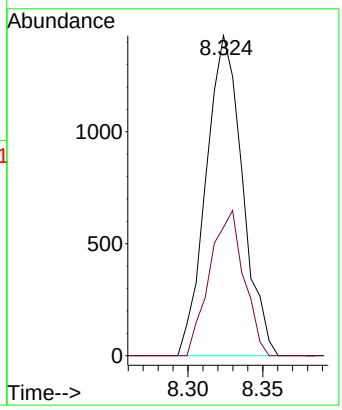


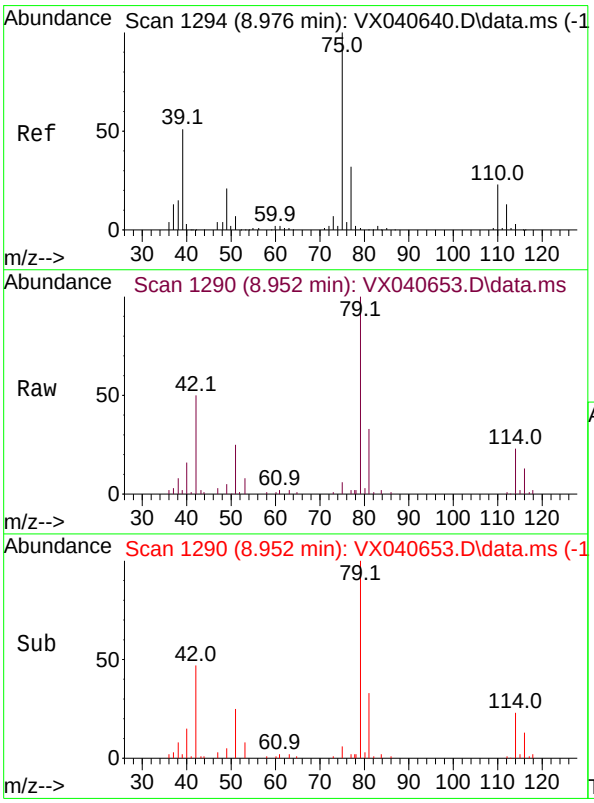
#39
cis-1,3-Dichloropropene
Concen: 1.436 ug/L
RT: 8.324 min Scan# 1
Delta R.T. -0.036 min
Lab File: VX040653.D
Acq: 15 Mar 2024 14:52

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 2418

Ion	Ratio	Lower	Upper
75	100		
77	40.1	21.1	39.3#





#44
trans-1,3-Dichloropropene
Concen: 1.010 ug/L
RT: 8.952 min Scan# 1290
Delta R.T. -0.024 min
Lab File: VX040653.D
Acq: 15 Mar 2024 14:52

Tgt Ion: 75 Resp: 1657

Ion	Ratio	Lower	Upper
75	100		
77	40.1	22.1	41.1