Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031524\
Data File : VX040649.D
Acq On : 15 Mar 2024 13:21
Operator : JC/MD
Sample : P1753-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Mar 16 02:52:26 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	151636	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	143752	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	68332	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	51227	38.539	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	77.080%		
7) Chloroethane-d5	1.666	69	45836	43.193	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	86.380%		
11) 1,1-Dichloroethene-d2	2.306	65	24158	39.481	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	78.960%		
21) 2-Butanone-d5	4.452	46	95258	93.390	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	93.390%		
24) Chloroform-d	5.056	84	115003	46.589	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.180%		
26) 1,2-Dichloroethane-d4	5.952	65	83428	45.269	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.540%		
32) Benzene-d6	5.976	84	195452	44.317	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.640%		
36) 1,2-Dichloropropane-d6	7.305	67	63246	46.271	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	92.540%		
41) Toluene-d8	8.647	98	174258	41.000	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	82.000%		
43) trans-1,3-Dichloroprop...	8.945	79	31760	43.657	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.320%		
47) 2-Hexanone-d5	9.384	63	69779	92.521	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	92.520%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	97674	47.728	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	95.460%		
66) 1,2-Dichlorobenzene-d4	12.317	152	69785	48.760	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.520%		
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	104267	81.916	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	7786	7.411	ug/L #	74
12) 1,1-Dichloroethene	2.319	96	969505	1048.917	ug/L #	72
13) Acetone	2.380	43	84779	116.392	ug/L	98
19) 1,1-Dichloroethane	3.611	63	119334	64.725	ug/L	96
20) cis-1,2-Dichloroethene	4.489	96	19290	18.130	ug/L	93
27) 1,2-Dichloroethane	6.092	62	8590	4.698	ug/L #	87
30) 1,1,1-Trichloroethane	5.385	97	68963	38.518	ug/L	100
33) Benzene	6.037	78	33160	8.587	ug/L	100
34) Trichloroethene	7.129	95	14997	13.155	ug/L	88
35) Methylcyclohexane	7.312	83	16353	9.816	ug/L #	18
37) 1,2-Dichloropropane	7.440	63	1841	1.801	ug/L #	88
39) cis-1,3-Dichloropropene	8.324	75	2634	1.530	ug/L #	79
44) trans-1,3-Dichloropropene	8.951	75	1760	1.050	ug/L #	82

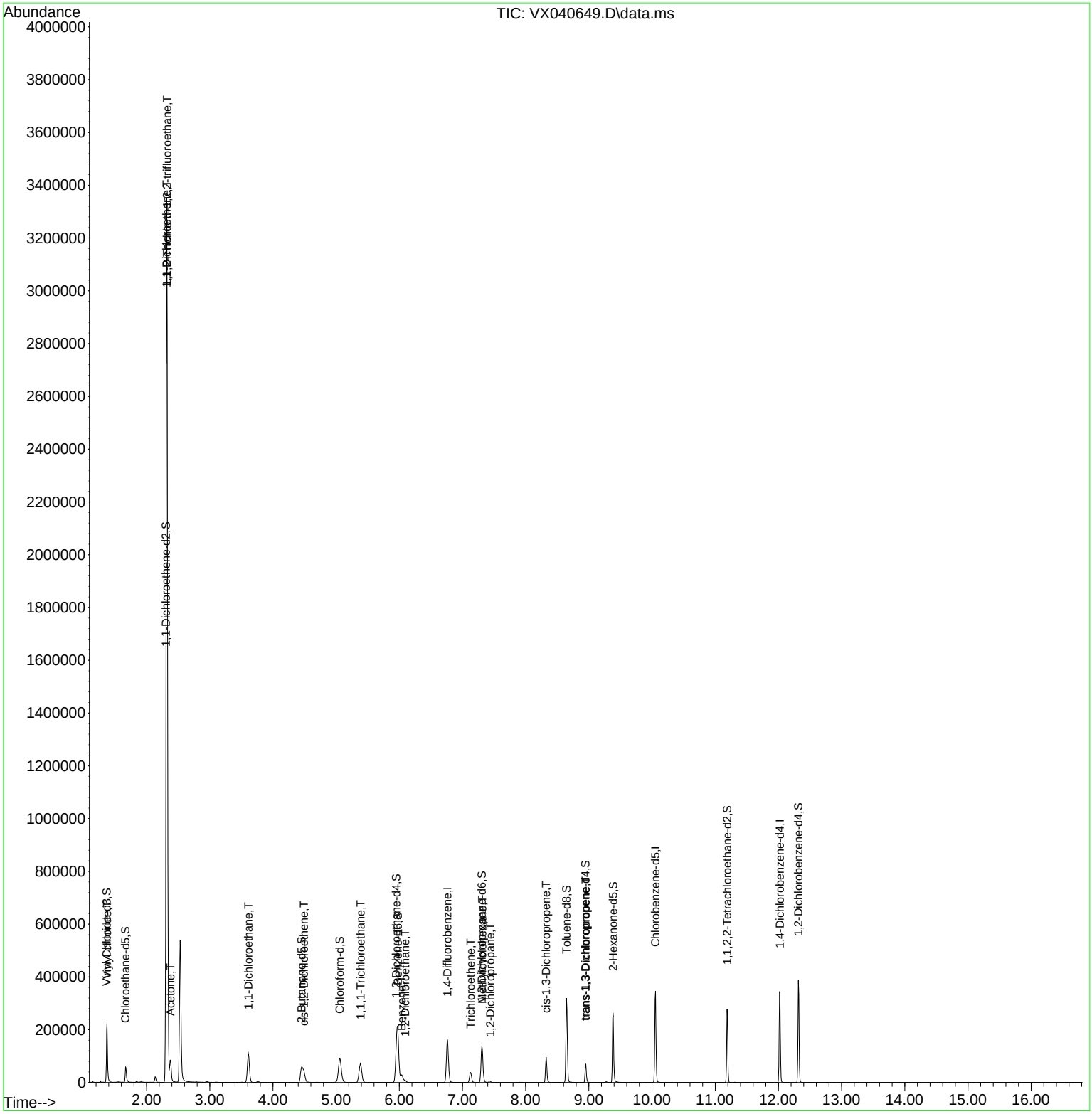
(#) = qualifier out of range (m) = manual integration (+) = signals summed

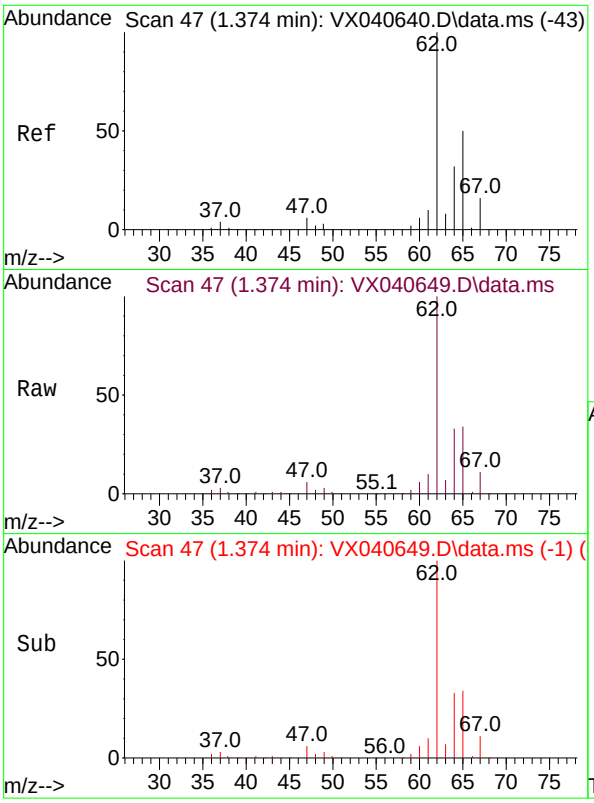
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031524\
Data File : VX040649.D
Acq On : 15 Mar 2024 13:21
Operator : JC/MD
Sample : P1753-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Mar 16 02:52:26 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



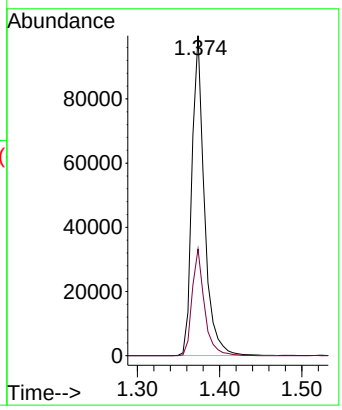


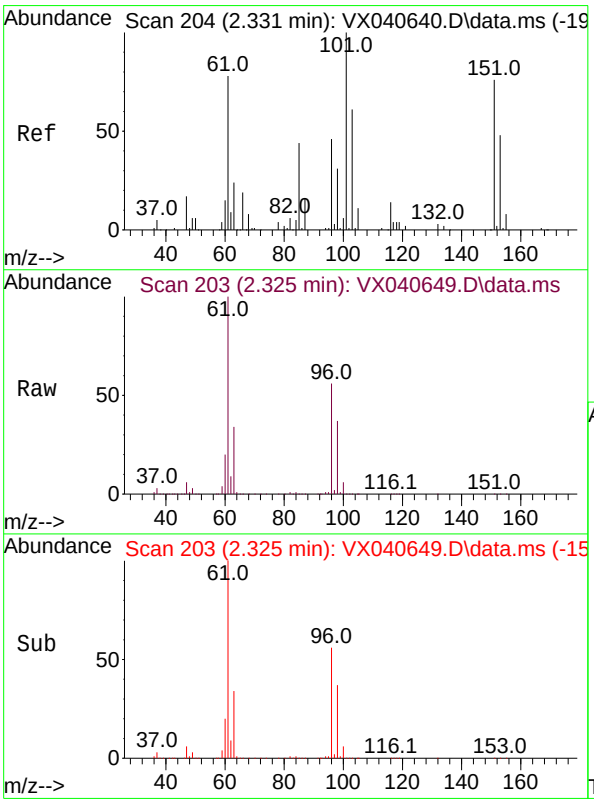
#5
Vinyl chloride
Concen: 81.916 ug/L
RT: 1.374 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX040649.D
Acq: 15 Mar 2024 13:21

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 62 Resp: 104267

Ion	Ratio	Lower	Upper
62	100		
64	33.4	23.8	44.2

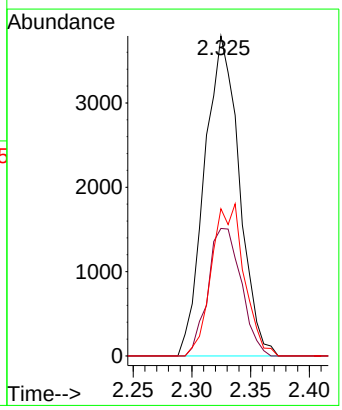


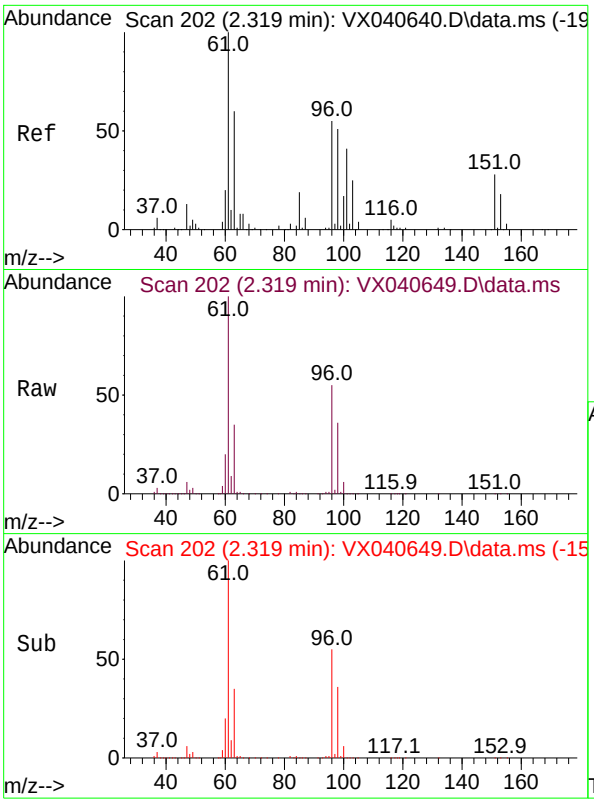


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 7.411 ug/L
RT: 2.325 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX040649.D
Acq: 15 Mar 2024 13:21

Tgt Ion:101 Resp: 7786

Ion	Ratio	Lower	Upper
101	100		
85	38.1	38.3	57.5#
151	44.6	57.7	86.5#



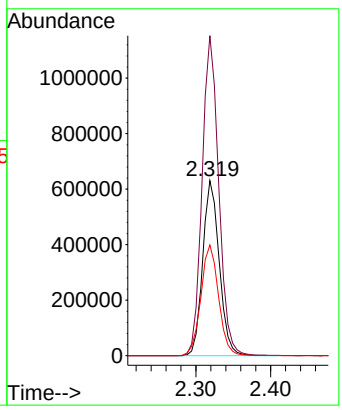


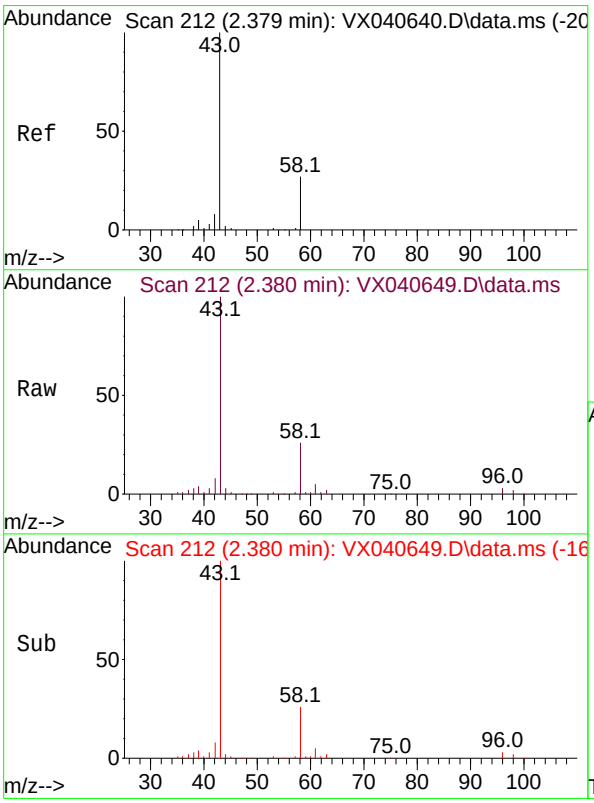
#12
1,1-Dichloroethene
Concen: 1048.917 ug/L
RT: 2.319 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX040649.D
Acq: 15 Mar 2024 13:21

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 96 Resp: 969505

Ion	Ratio	Lower	Upper
96	100		
61	182.9	134.8	250.4
63	63.3	92.5	171.9#

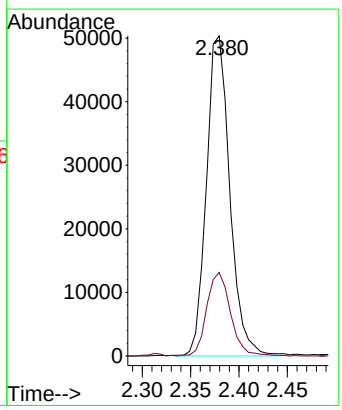


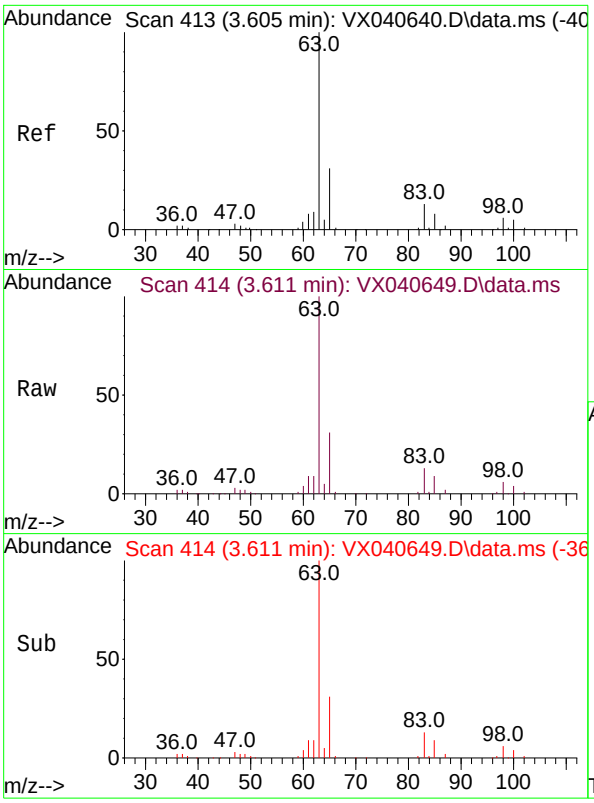


#13
Acetone
Concen: 116.392 ug/L
RT: 2.380 min Scan# 212
Delta R.T. 0.001 min
Lab File: VX040649.D
Acq: 15 Mar 2024 13:21

Tgt Ion: 43 Resp: 84779

Ion	Ratio	Lower	Upper
43	100		
58	26.3	0.0	54.6



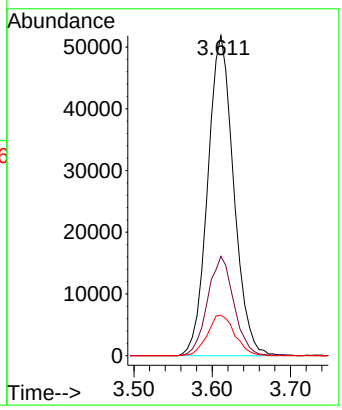


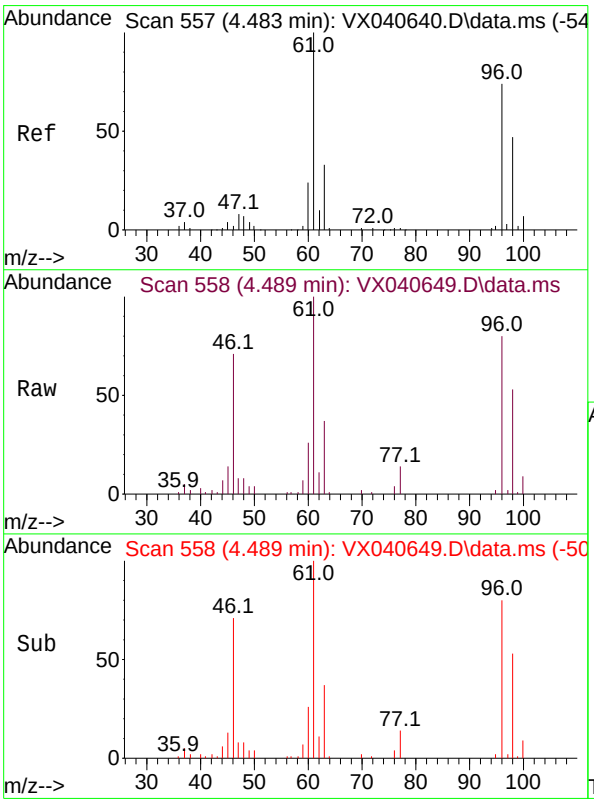
#19
1,1-Dichloroethane
Concen: 64.725 ug/L
RT: 3.611 min Scan# 41
Delta R.T. 0.006 min
Lab File: VX040649.D
Acq: 15 Mar 2024 13:21

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 63 Resp: 119334

Ion	Ratio	Lower	Upper
63	100		
65	31.1	23.1	42.9
83	12.7	9.9	18.5

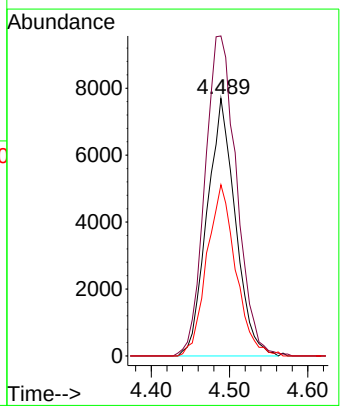


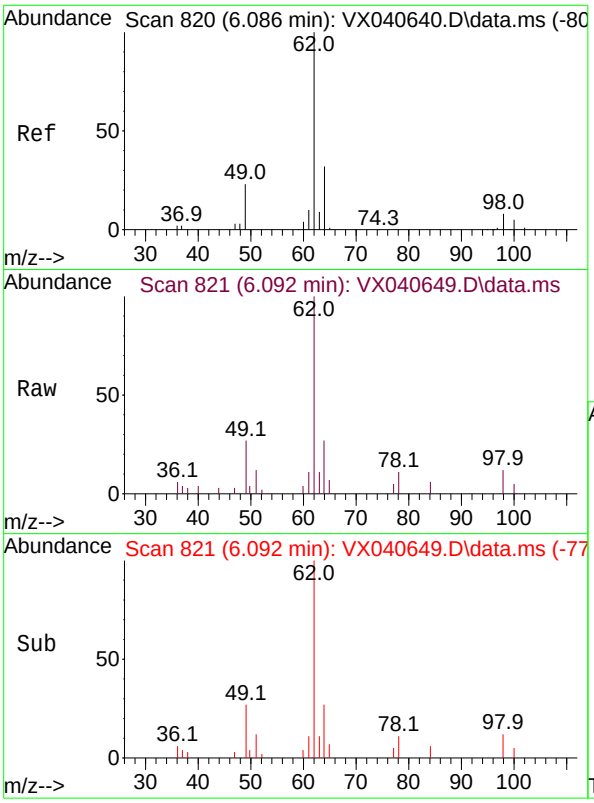


#20
cis-1,2-Dichloroethene
Concen: 18.130 ug/L
RT: 4.489 min Scan# 558
Delta R.T. 0.006 min
Lab File: VX040649.D
Acq: 15 Mar 2024 13:21

Tgt Ion: 96 Resp: 19290

Ion	Ratio	Lower	Upper
96	100		
61	124.2	93.0	172.8
98	66.5	42.4	78.6



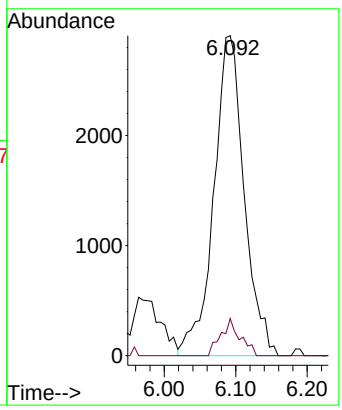


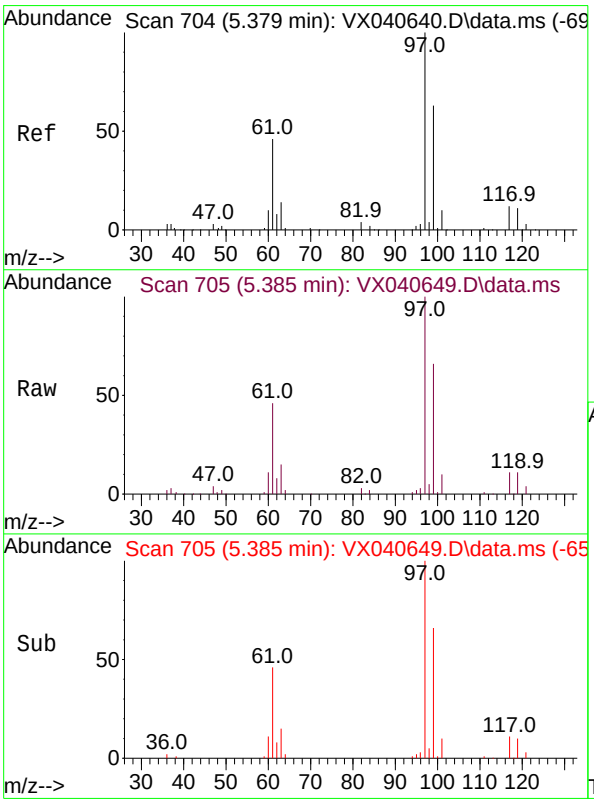
#27
1,2-Dichloroethane
Concen: 4.698 ug/L
RT: 6.092 min Scan# 8
Delta R.T. 0.006 min
Lab File: VX040649.D
Acq: 15 Mar 2024 13:21

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 62 Resp: 8590

Ion	Ratio	Lower	Upper
62	100		
98	11.6	5.8	8.6#

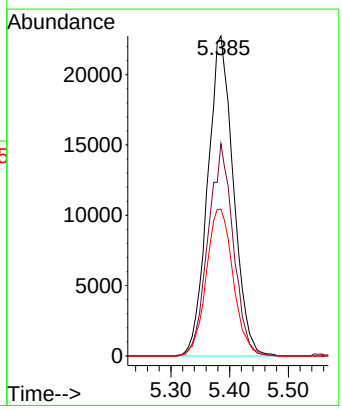


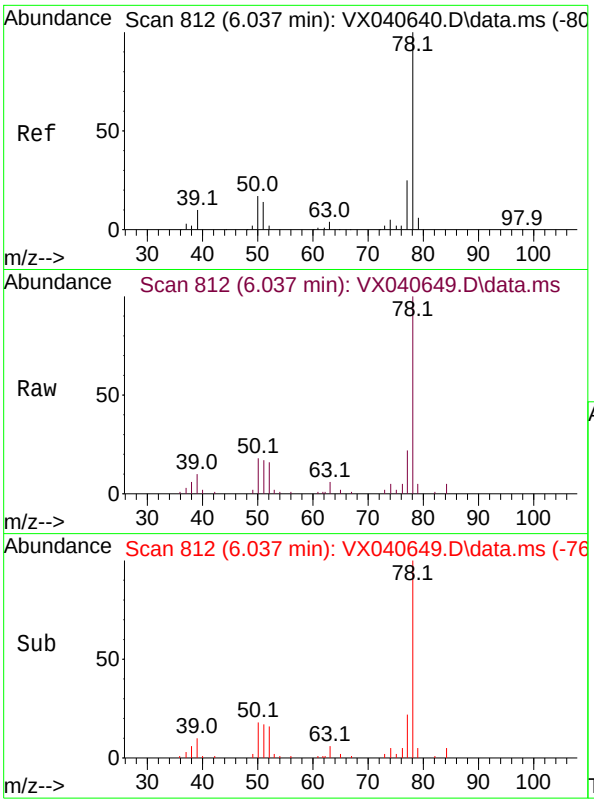


#30
1,1,1-Trichloroethane
Concen: 38.518 ug/L
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX040649.D
Acq: 15 Mar 2024 13:21

Tgt Ion: 97 Resp: 68963

Ion	Ratio	Lower	Upper
97	100		
99	64.8	52.1	78.1
61	48.1	38.3	57.5

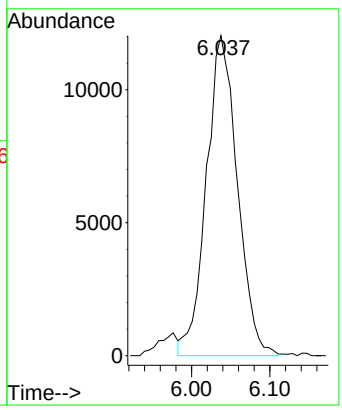


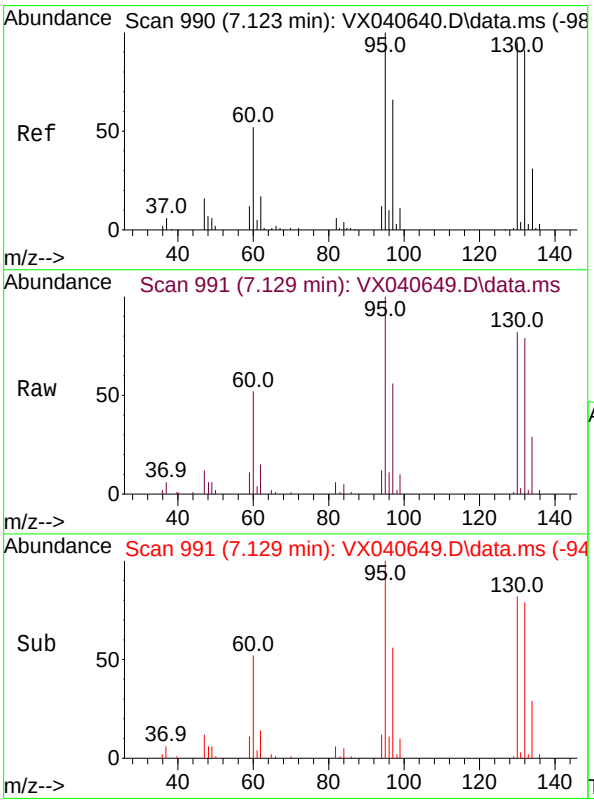


#33
Benzene
Concen: 8.587 ug/L
RT: 6.037 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX040649.D
Acq: 15 Mar 2024 13:21

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 78 Resp: 33160

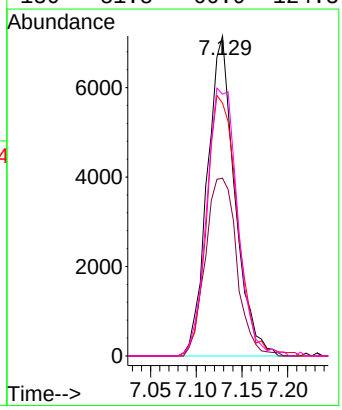


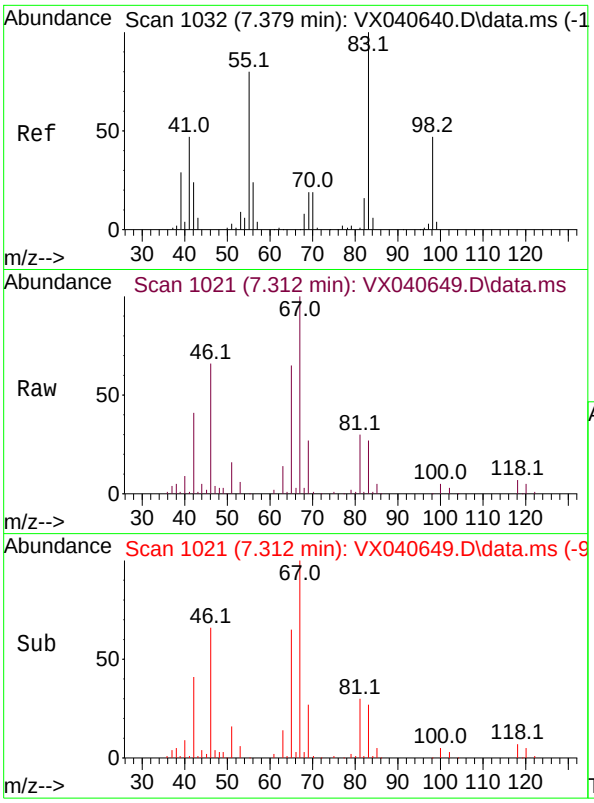


#34
Trichloroethene
Concen: 13.155 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX040649.D
Acq: 15 Mar 2024 13:21

Tgt Ion: 95 Resp: 14997

Ion	Ratio	Lower	Upper
95	100		
97	55.6	44.7	83.1
132	79.0	61.5	114.3
130	81.8	66.9	124.3



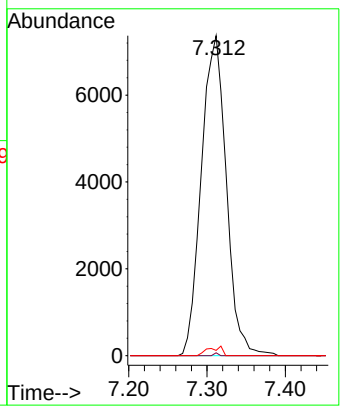


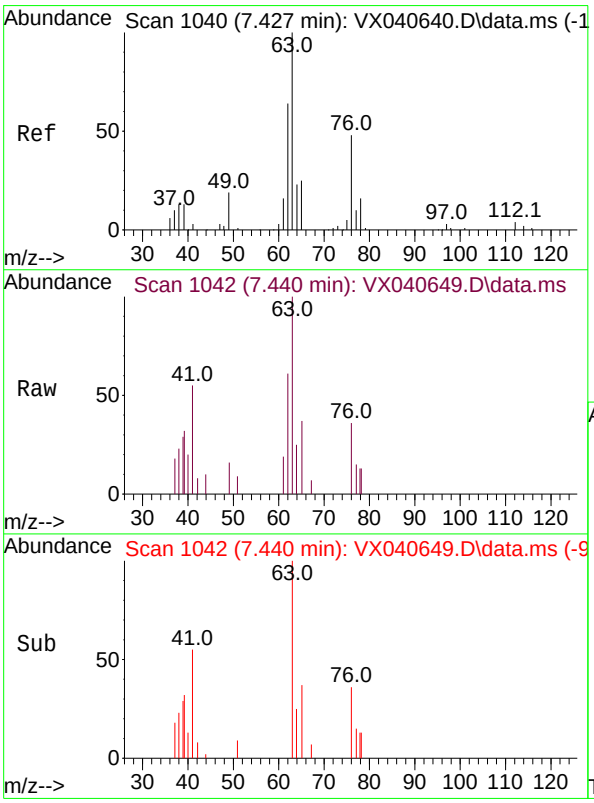
#35
Methylcyclohexane
Concen: 9.816 ug/L
RT: 7.312 min Scan# 1
Delta R.T. -0.067 min
Lab File: VX040649.D
Acq: 15 Mar 2024 13:21

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 83 Resp: 16353

Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.6	94.0#
98	1.1	37.4	56.2#

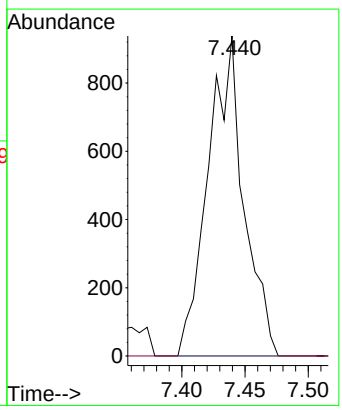


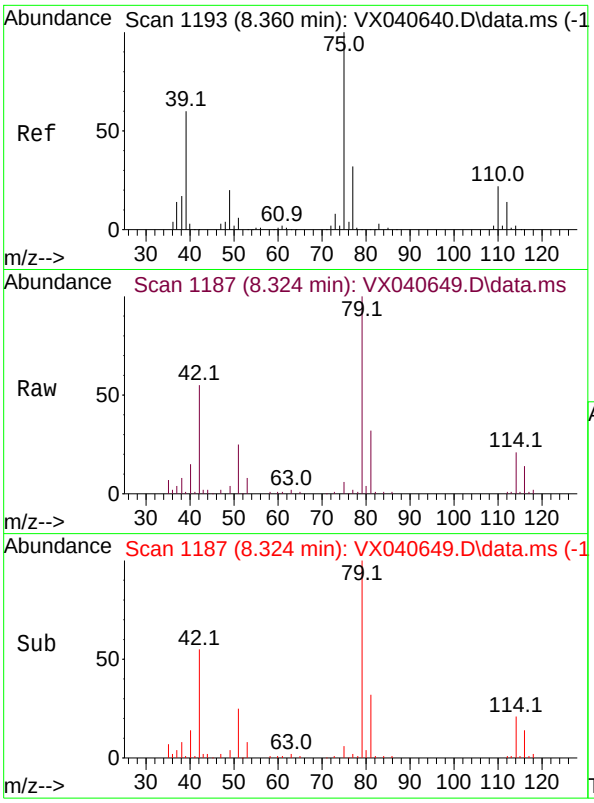


#37
1,2-Dichloropropane
Concen: 1.801 ug/L
RT: 7.440 min Scan# 1042
Delta R.T. 0.013 min
Lab File: VX040649.D
Acq: 15 Mar 2024 13:21

Tgt Ion: 63 Resp: 1841

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.1	4.7#



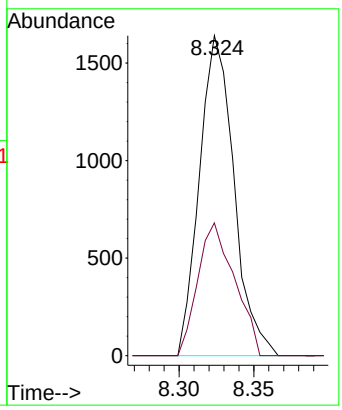


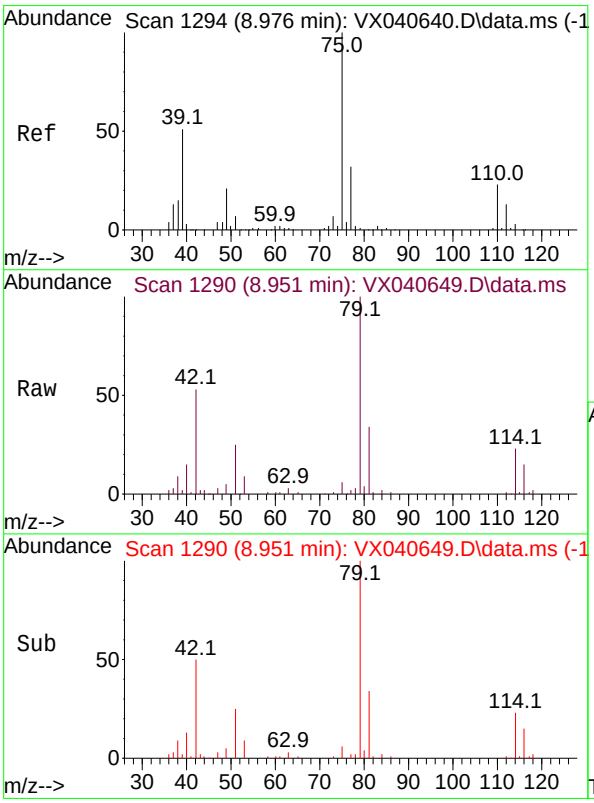
#39
cis-1,3-Dichloropropene
Concen: 1.530 ug/L
RT: 8.324 min Scan# 11
Delta R.T. -0.036 min
Lab File: VX040649.D
Acq: 15 Mar 2024 13:21

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 2634

Ion	Ratio	Lower	Upper
75	100		
77	41.5	21.1	39.3#





#44
trans-1,3-Dichloropropene
Concen: 1.050 ug/L
RT: 8.951 min Scan# 1290
Delta R.T. -0.025 min
Lab File: VX040649.D
Acq: 15 Mar 2024 13:21

Tgt Ion: 75 Resp: 1760

Ion	Ratio	Lower	Upper
75	100		
77	41.9	22.1	41.1#