Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110921\
Data File : VX025118.D
Acq On : 09 Nov 2021 13:48
Operator : JC/MD
Sample : M4464-05ME 10X
Misc : 6.11g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Nov 10 02:52:47 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM110821WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 10 02:50:07 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	144428	50.000	ug/L	# 0.00
28) Chlorobenzene-d5	10.055	117	130025	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	51872	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	52194	39.966	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 79.940%			
7) Chloroethane-d5	1.666	69	67033	81.874	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 163.740%#			
11) 1,1-Dichloroethene-d2	2.307	63	85042	33.807	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 67.620%			
21) 2-Butanone-d5	4.471	46	96995	108.068	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery = 108.070%			
24) Chloroform-d	5.062	84	112717	43.902	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.800%			
26) 1,2-Dichloroethane-d4	5.958	65	83631	49.792	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.580%			
32) Benzene-d6	5.983	84	189672	40.970	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 81.940%			
36) 1,2-Dichloropropane-d6	7.312	67	64579	47.340	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 94.680%			
41) Toluene-d8	8.653	98	172098	44.222	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 88.440%			
43) trans-1,3-Dichloroprop...	8.952	79	33510	46.025	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 92.040%			
47) 2-Hexanone-d5	9.391	63	66958	114.909	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 114.910%			
56) 1,1,2,2-Tetrachloroeth...	11.195	84	82147	43.503	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 87.000%			
66) 1,2-Dichlorobenzene-d4	12.323	152	49572	48.756	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.520%			
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	1291	1.037	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	1906	1.626	ug/L #	89
12) 1,1-Dichloroethene	2.307	96	1346	1.305	ug/L #	1
19) 1,1-Dichloroethane	3.605	63	4525	2.070	ug/L #	88
20) cis-1,2-Dichloroethene	4.495	96	37198	30.687	ug/L	71
30) 1,1,1-Trichloroethane	5.391	97	24153	10.254	ug/L #	86
34) Trichloroethene	7.129	95	4944	3.967	ug/L	83
37) 1,2-Dichloropropane	7.312	63	8935	7.864	ug/L #	85
39) cis-1,3-Dichloropropene	8.330	75	2809	1.532	ug/L	93
42) Toluene	8.720	91	205237	44.064	ug/L	98
44) trans-1,3-Dichloropropene	8.958	75	1922	1.045	ug/L	96
53) m,p-Xylene	10.299	106	2697	1.481	ug/L	95
63) 1,2,4-Trimethylbenzene	11.756	105	4082	1.162	ug/L	89

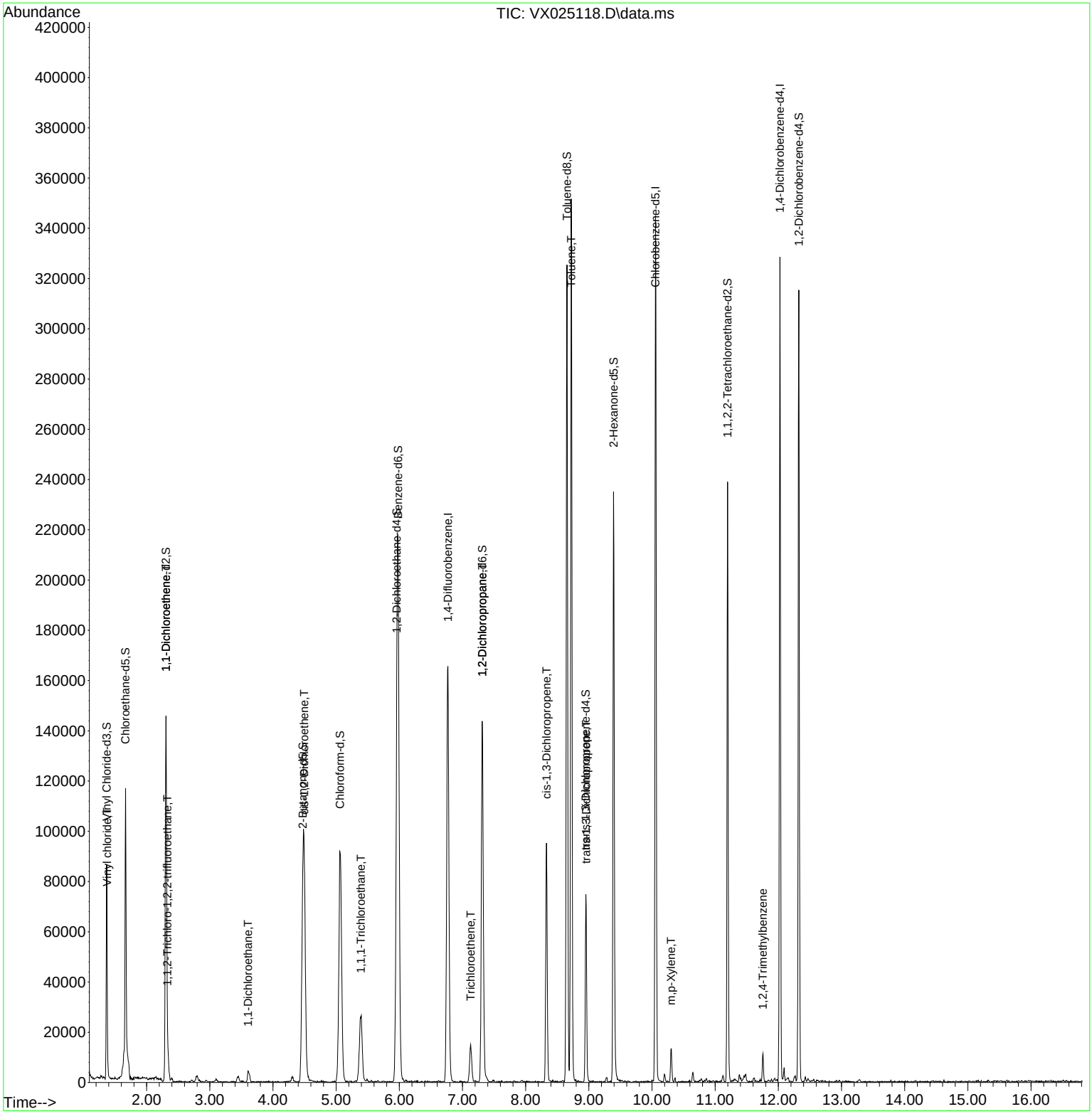
(#) = qualifier out of range (m) = manual integration (+) = signals summed

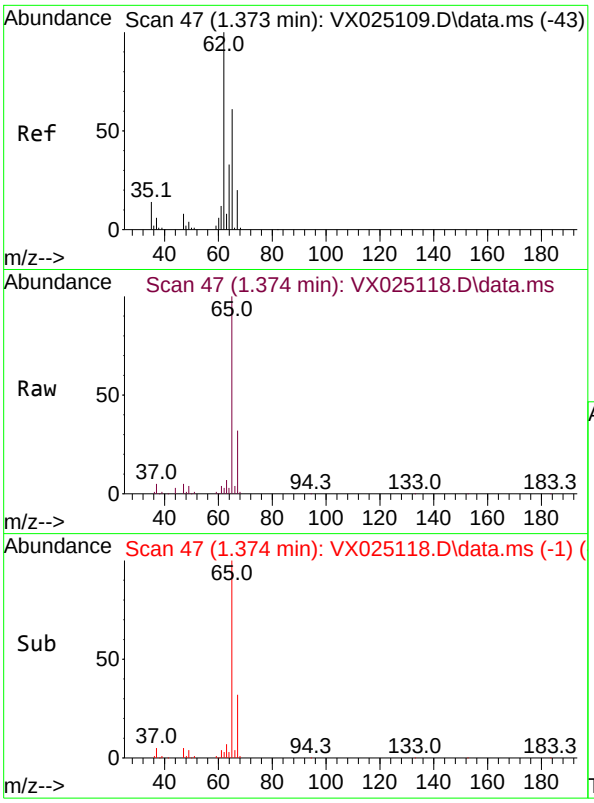
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110921\
Data File : VX025118.D
Acq On : 09 Nov 2021 13:48
Operator : JC/MD
Sample : M4464-05ME 10X
Misc : 6.11g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Nov 10 02:52:47 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM110821WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 10 02:50:07 2021
Response via : Initial Calibration



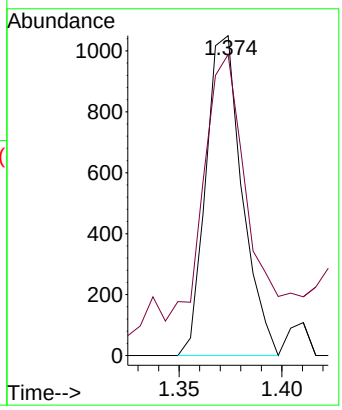


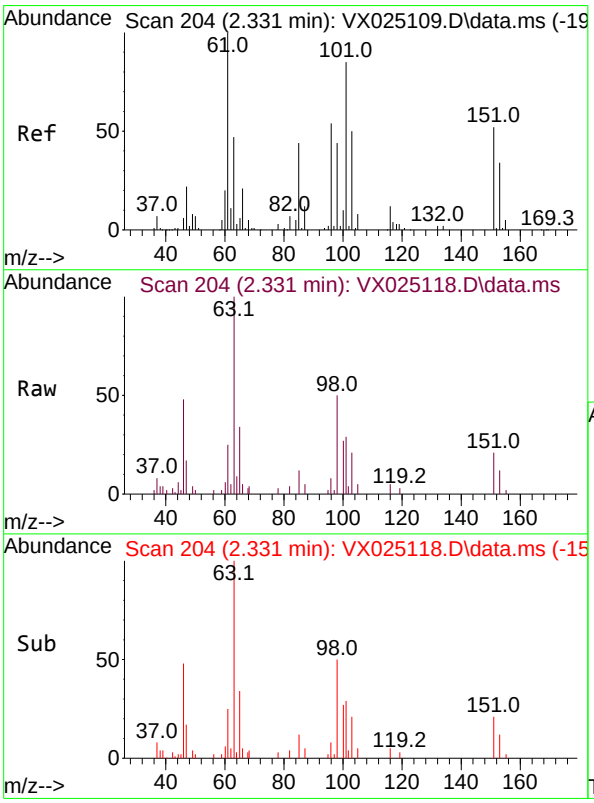
#5
Vinyl chloride
Concen: 1.037 ug/L
RT: 1.374 min Scan# 4
Delta R.T. 0.000 min
Lab File: VX025118.D
Acq: 09 Nov 2021 13:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 62 Resp: 1291

Ion	Ratio	Lower	Upper
62	100		
64	94.1	23.6	43.8#

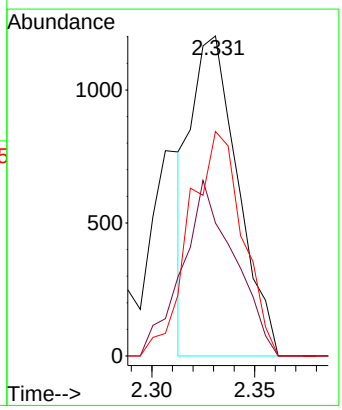


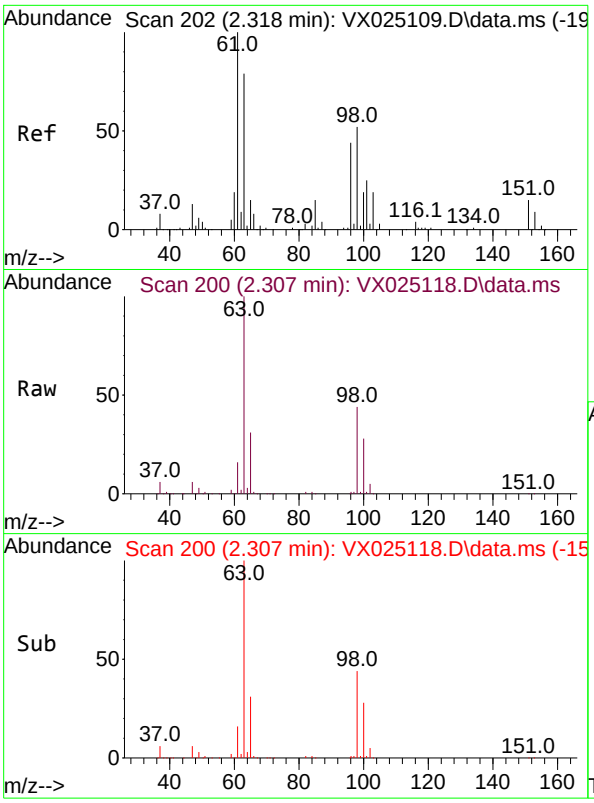


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.626 ug/L
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX025118.D
Acq: 09 Nov 2021 13:48

Tgt Ion:101 Resp: 1906

Ion	Ratio	Lower	Upper
101	100		
85	60.8	35.3	52.9#
151	80.0	62.3	93.5



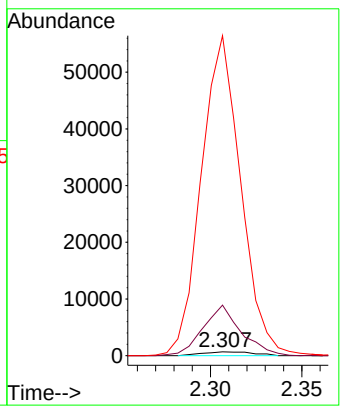


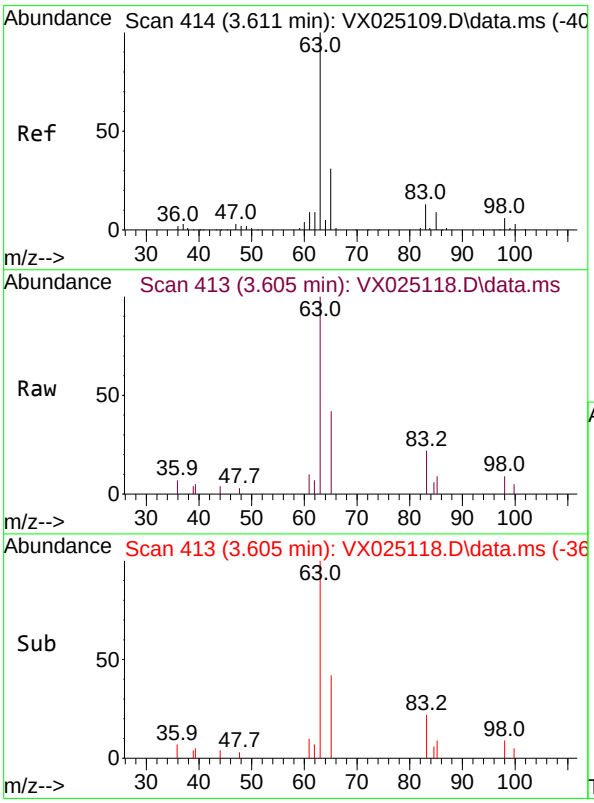
#12
1,1-Dichloroethene
Concen: 1.305 ug/L
RT: 2.307 min Scan# 2(
Delta R.T. -0.012 min
Lab File: VX025118.D
Acq: 09 Nov 2021 13:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 96 Resp: 1346

Ion	Ratio	Lower	Upper
96	100		
61	1294.8	109.9	204.1#
63	8204.7	92.4	171.6#

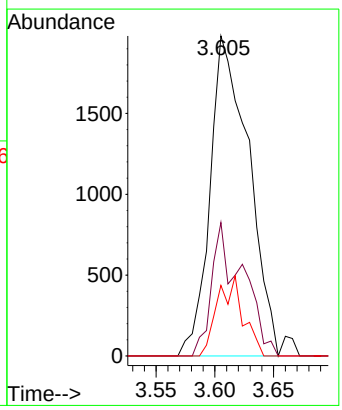


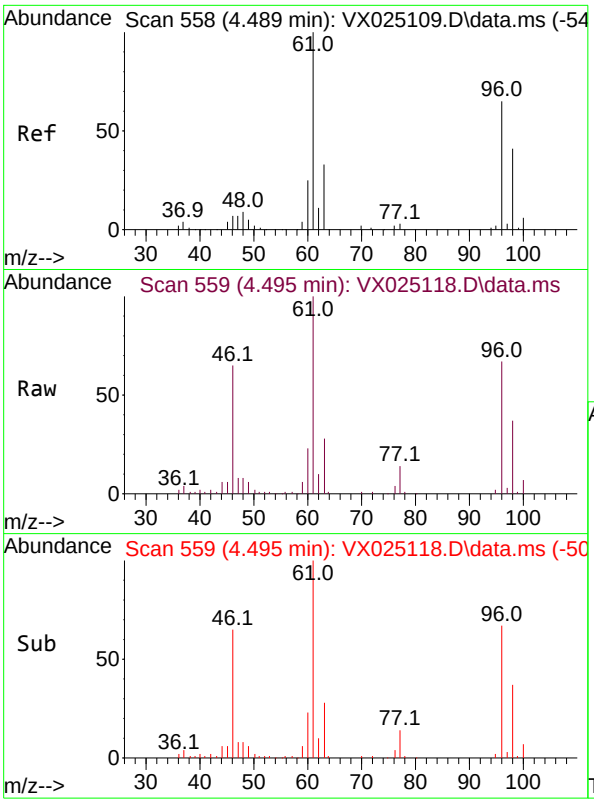


#19
1,1-Dichloroethane
Concen: 2.070 ug/L
RT: 3.605 min Scan# 413
Delta R.T. -0.006 min
Lab File: VX025118.D
Acq: 09 Nov 2021 13:48

Tgt Ion: 63 Resp: 4525

Ion	Ratio	Lower	Upper
63	100		
65	41.7	24.5	45.5
83	22.1	11.7	21.7#



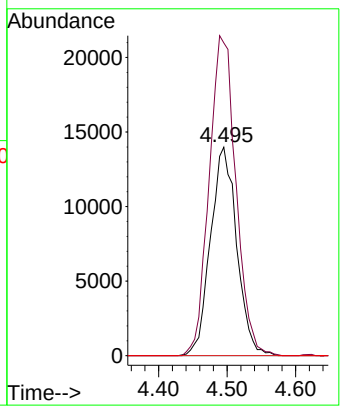


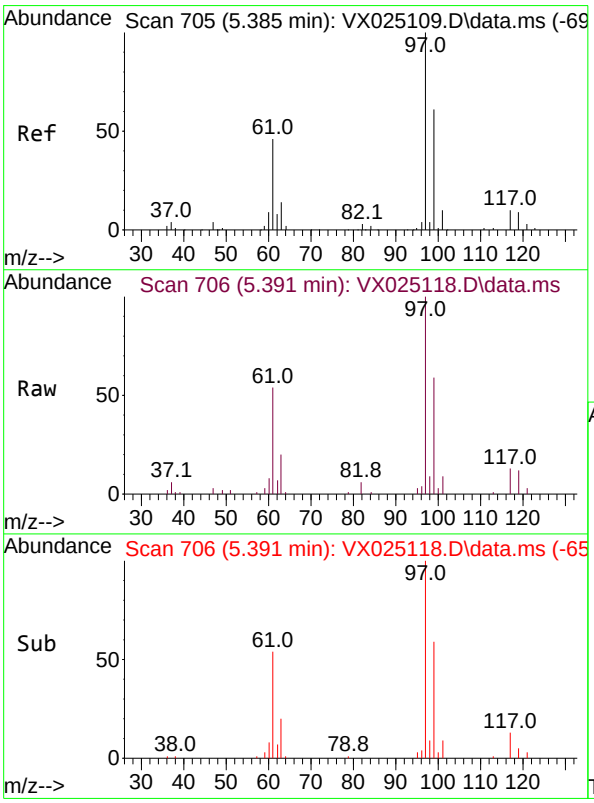
#20
cis-1,2-Dichloroethene
Concen: 30.687 ug/L
RT: 4.495 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX025118.D
Acq: 09 Nov 2021 13:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 96 Resp: 37198

Ion	Ratio	Lower	Upper
96	100		
61	150.1	82.6	153.4
68	0.0	0.0	0.0

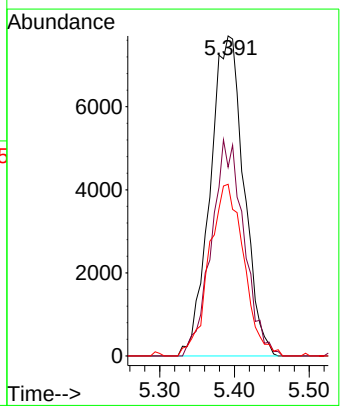


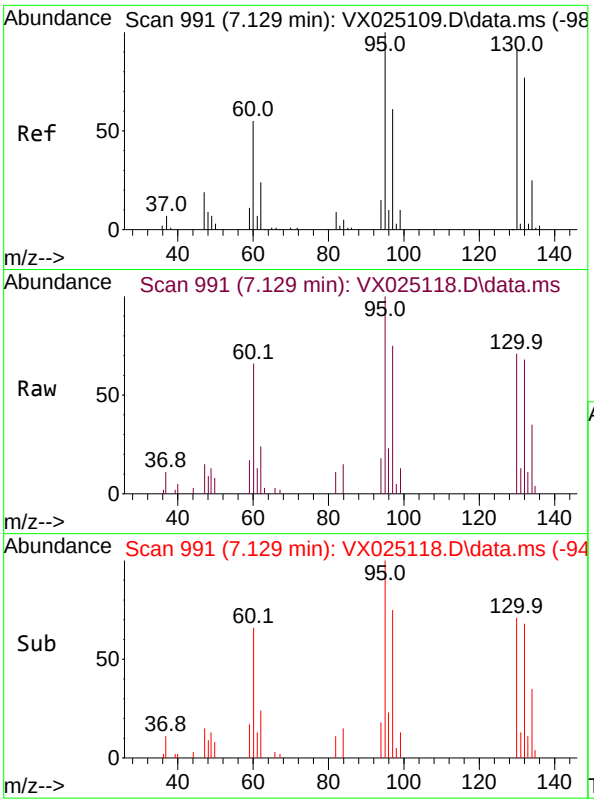


#30
1,1,1-Trichloroethane
Concen: 10.254 ug/L
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX025118.D
Acq: 09 Nov 2021 13:48

Tgt Ion: 97 Resp: 24153

Ion	Ratio	Lower	Upper
97	100		
99	65.4	53.1	79.7
61	55.2	26.3	39.5#



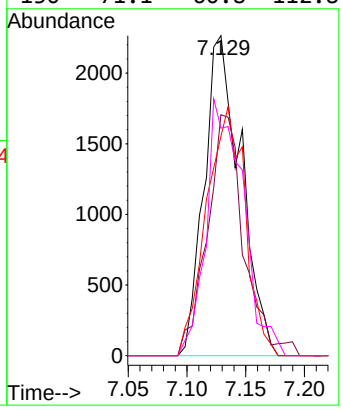


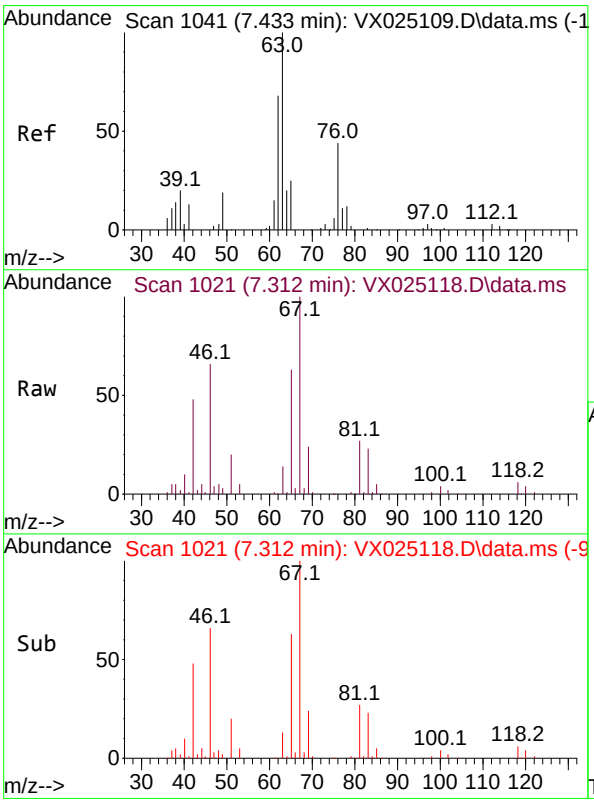
#34
Trichloroethene
Concen: 3.967 ug/L
RT: 7.129 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX025118.D
Acq: 09 Nov 2021 13:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 4944

Ion	Ratio	Lower	Upper
95	100		
97	75.3	44.2	82.2
132	68.5	60.1	111.5
130	71.1	60.8	112.8

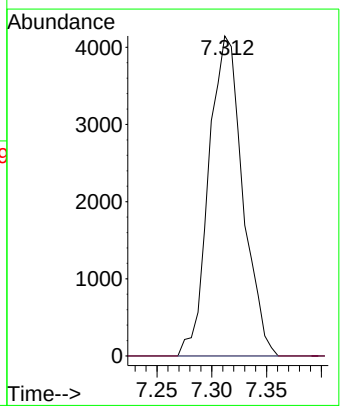


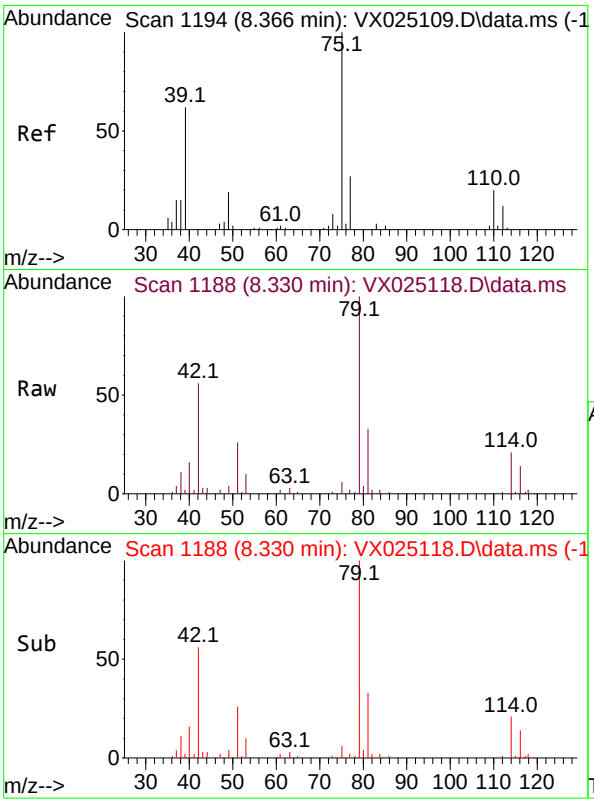


#37
1,2-Dichloropropane
Concen: 7.864 ug/L
RT: 7.312 min Scan# 1021
Delta R.T. -0.122 min
Lab File: VX025118.D
Acq: 09 Nov 2021 13:48

Tgt Ion: 63 Resp: 8935

Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.0	6.0#



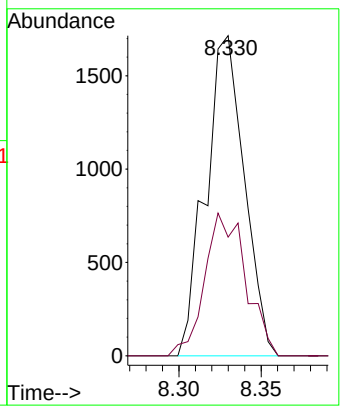


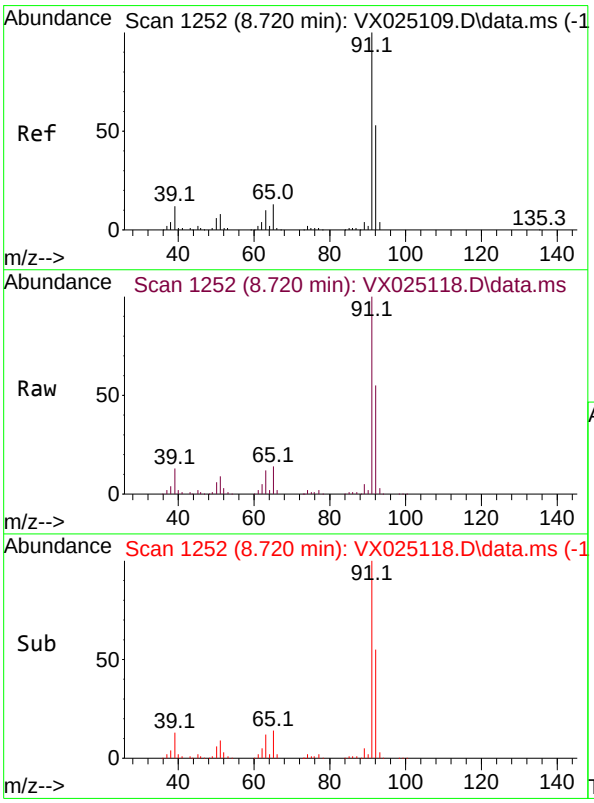
#39
cis-1,3-Dichloropropene
Concen: 1.532 ug/L
RT: 8.330 min Scan# 1
Delta R.T. -0.036 min
Lab File: VX025118.D
Acq: 09 Nov 2021 13:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 2809

Ion	Ratio	Lower	Upper
75	100		
77	37.1	23.1	42.9

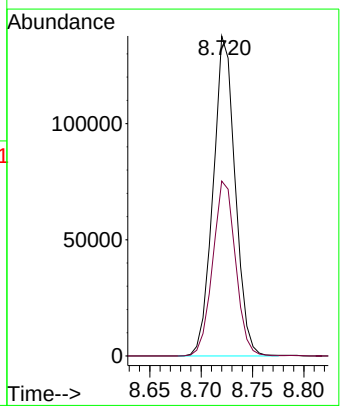


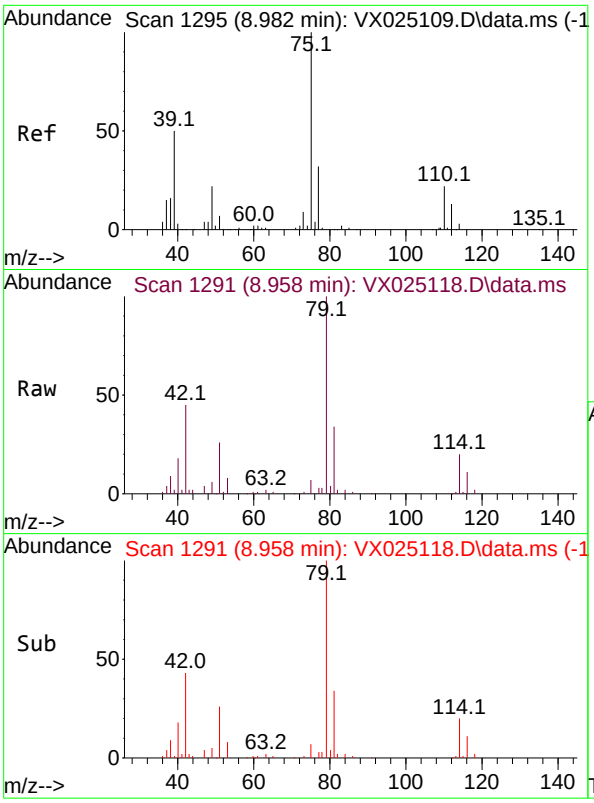


#42
Toluene
Concen: 44.064 ug/L
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX025118.D
Acq: 09 Nov 2021 13:48

Tgt Ion: 91 Resp: 205237

Ion	Ratio	Lower	Upper
91	100		
92	54.7	39.3	72.9



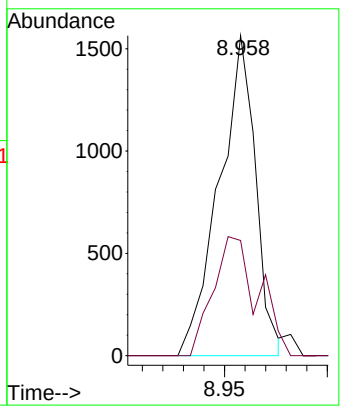


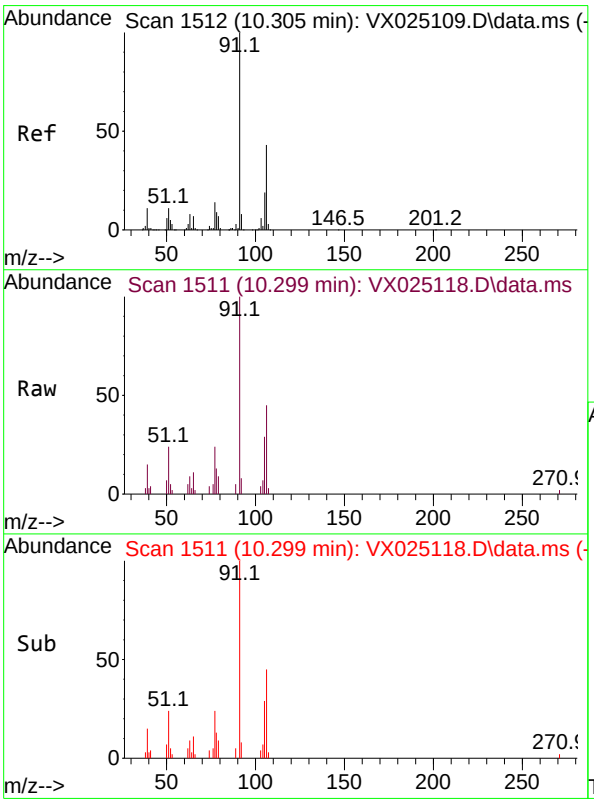
#44
trans-1,3-Dichloropropene
Concen: 1.045 ug/L
RT: 8.958 min Scan# 1
Delta R.T. -0.024 min
Lab File: VX025118.D
Acq: 09 Nov 2021 13:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 1922

Ion	Ratio	Lower	Upper
75	100		
77	36.0	23.4	43.6

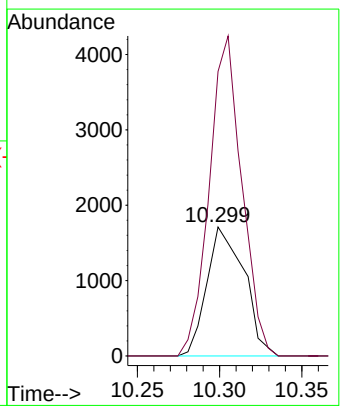


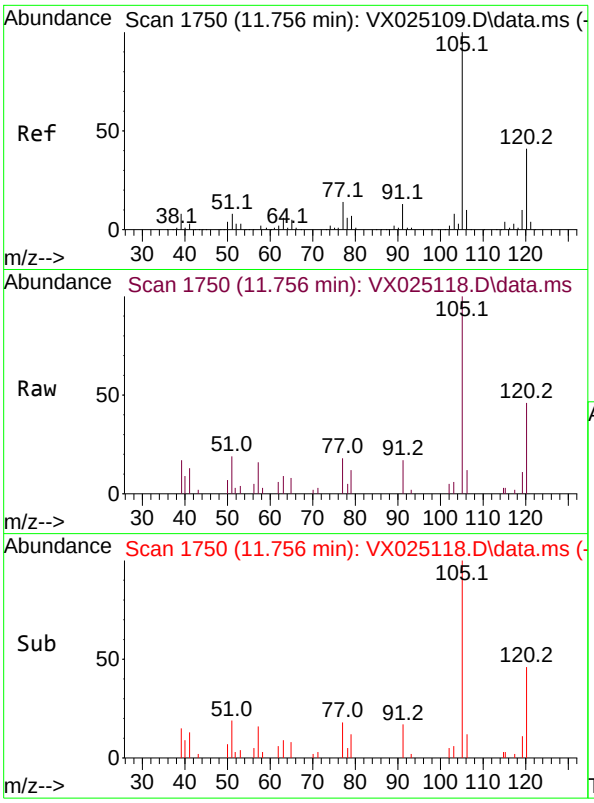


#53
m,p-Xylene
Concen: 1.481 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX025118.D
Acq: 09 Nov 2021 13:48

Tgt Ion:106 Resp: 2697

Ion	Ratio	Lower	Upper
106	100		
91	220.6	160.2	297.6





#63
1,2,4-Trimethylbenzene
Concen: 1.162 ug/L
RT: 11.756 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX025118.D
Acq: 09 Nov 2021 13:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:105 Resp: 4082

Ion	Ratio	Lower	Upper
105	100		
120	45.6	31.0	46.6