Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110821\
Data File : VX025103.D
Acq On : 08 Nov 2021 18:17
Operator : JC/MD
Sample : M4464-06ME 10X
Misc : 6.74g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GB7K4ME

Quant Time: Nov 09 04:16:51 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM110821WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 09 03:59:51 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	194984	50.000	ug/L	# 0.00
28) Chlorobenzene-d5	10.061	117	184209	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	94005	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	80434	45.621	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 91.240%			
7) Chloroethane-d5	1.660	69	36936	33.417	ug/L	-0.01
Spiked Amount 50.000	Range 70 - 130		Recovery = 66.840%#			
11) 1,1-Dichloroethene-d2	2.306	63	128208	37.752	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 75.500%			
21) 2-Butanone-d5	4.464	46	122888	101.417	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 101.420%			
24) Chloroform-d	5.062	84	147265	42.486	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 84.980%			
26) 1,2-Dichloroethane-d4	5.958	65	116130	51.214	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.420%			
32) Benzene-d6	5.976	84	265367	40.460	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 80.920%			
36) 1,2-Dichloropropane-d6	7.311	67	99599	51.535	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 103.080%			
41) Toluene-d8	8.653	98	277309	50.297	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.600%			
43) trans-1,3-Dichloroprop...	8.951	79	50862	49.309	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 98.620%			
47) 2-Hexanone-d5	9.390	63	71414	86.507	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 86.510%			
56) 1,1,2,2-Tetrachloroeth...	11.195	84	126124	47.146	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 94.300%			
66) 1,2-Dichlorobenzene-d4	12.323	152	88136	47.833	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.660%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	6176	3.902	ug/L #	85
12) 1,1-Dichloroethene	2.318	96	4396	3.158	ug/L #	1
13) Acetone	2.392	43	9980	8.370	ug/L	96
19) 1,1-Dichloroethane	3.617	63	20311	6.884	ug/L	98
20) cis-1,2-Dichloroethene	4.495	96	140753	86.009	ug/L	73
30) 1,1,1-Trichloroethane	5.391	97	35506	10.640	ug/L #	91
34) Trichloroethene	7.129	95	72299	40.949	ug/L	95
42) Toluene	8.720	91	1119452	169.647	ug/L	100
53) m,p-Xylene	10.305	106	4004	1.552	ug/L	80

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

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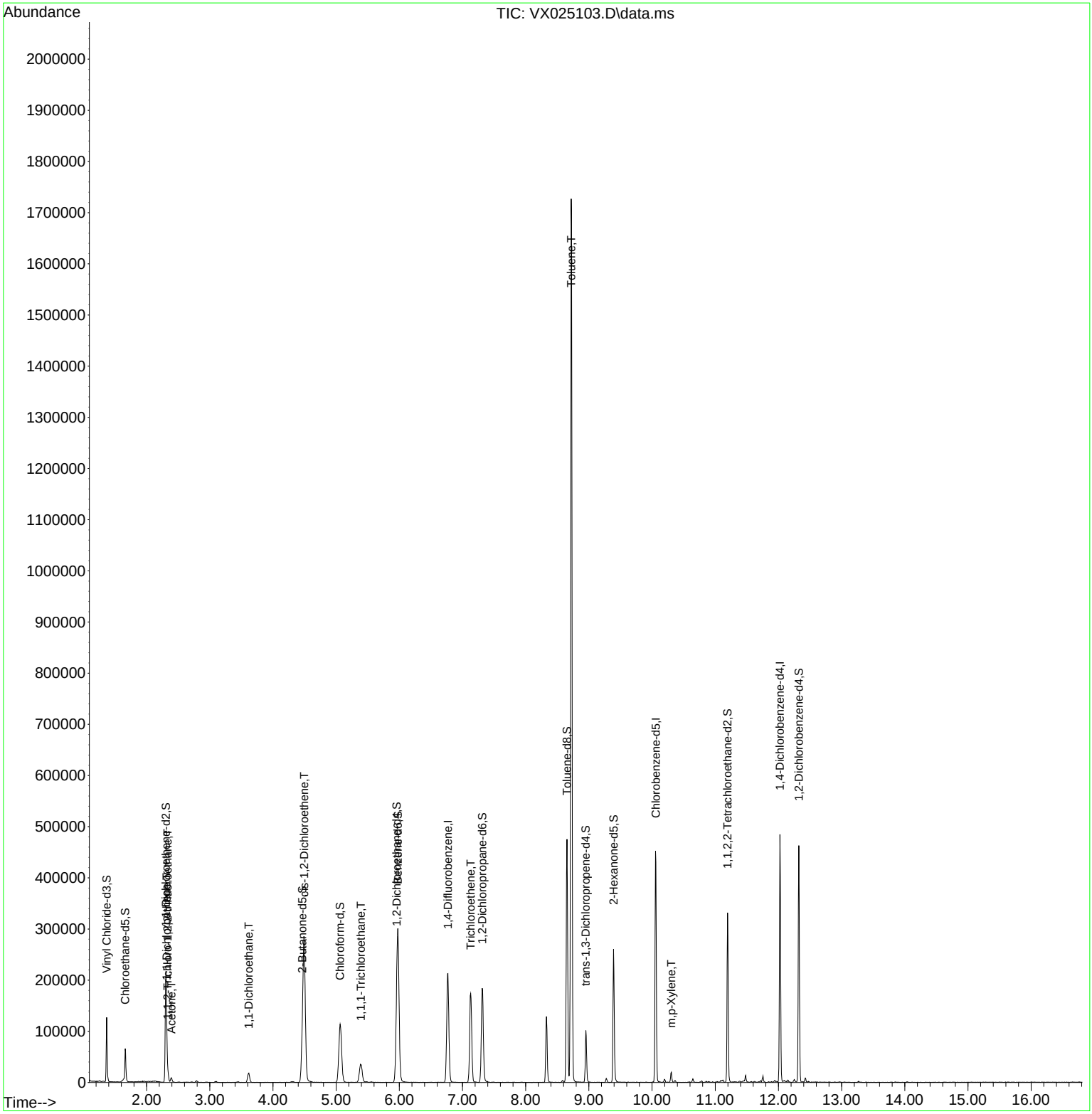
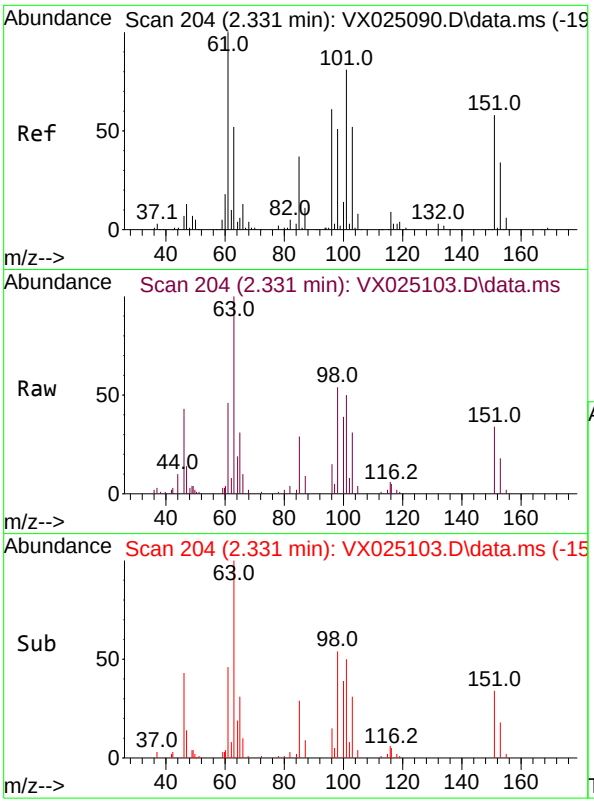


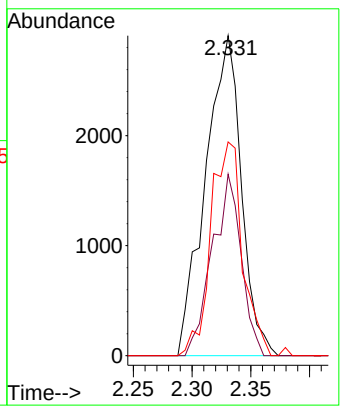


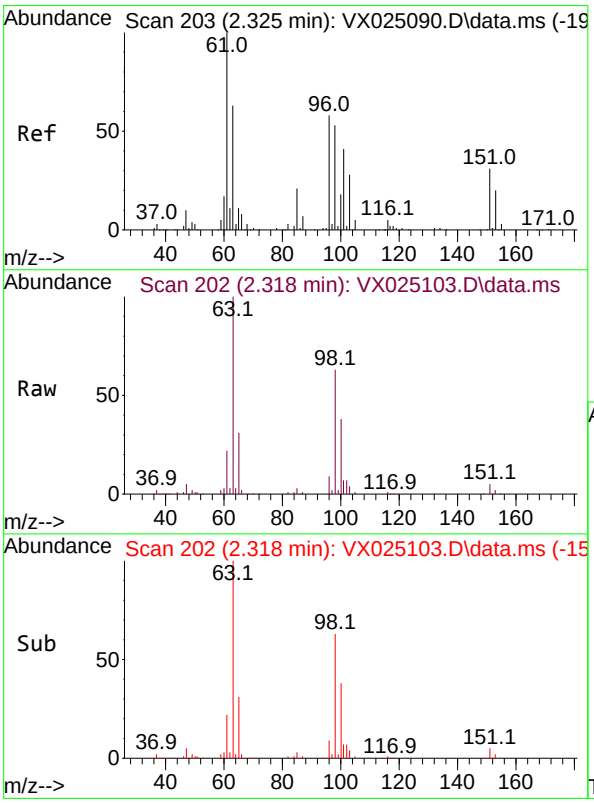
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 3.902 ug/L
RT: 2.331 min Scan# 2(
Delta R.T. -0.000 min
Lab File: VX025103.D
Acq: 08 Nov 2021 18:17

Instrument :
MSVOA_X
ClientSampleId :
GB7K4ME

Tgt Ion:101 Resp: 6176

Ion	Ratio	Lower	Upper
101	100		
85	45.7	35.3	52.9
151	59.1	62.3	93.5#

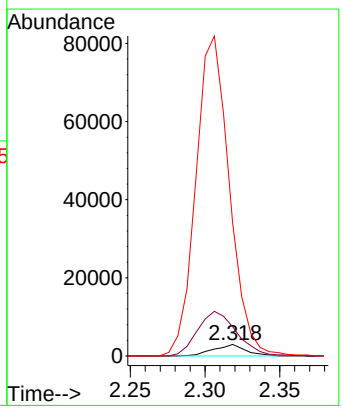


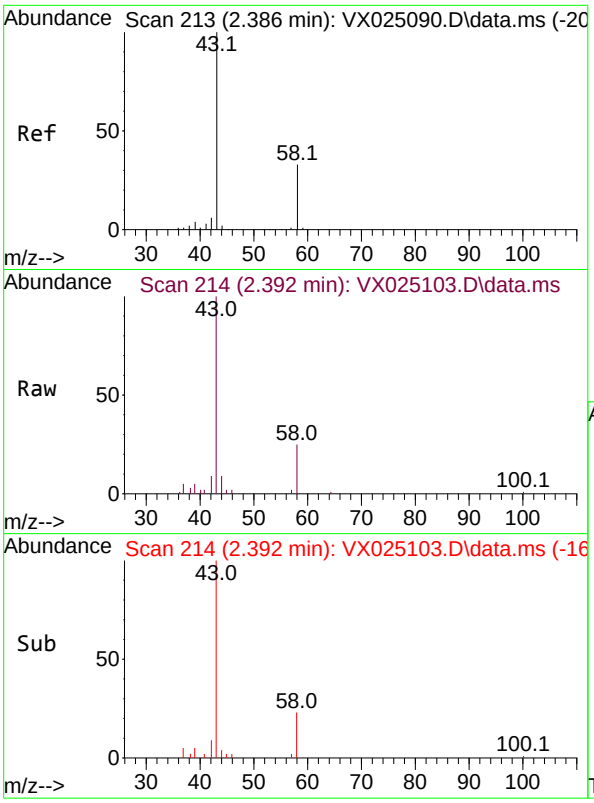


#12
1,1-Dichloroethene
Concen: 3.158 ug/L
RT: 2.318 min Scan# 202
Delta R.T. -0.006 min
Lab File: VX025103.D
Acq: 08 Nov 2021 18:17

Tgt Ion: 96 Resp: 4396

Ion	Ratio	Lower	Upper
96	100		
61	256.1	109.9	204.1#
63	1164.6	92.4	171.6#



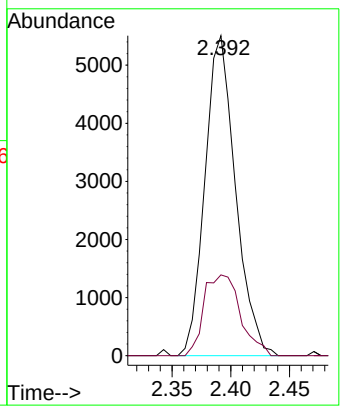


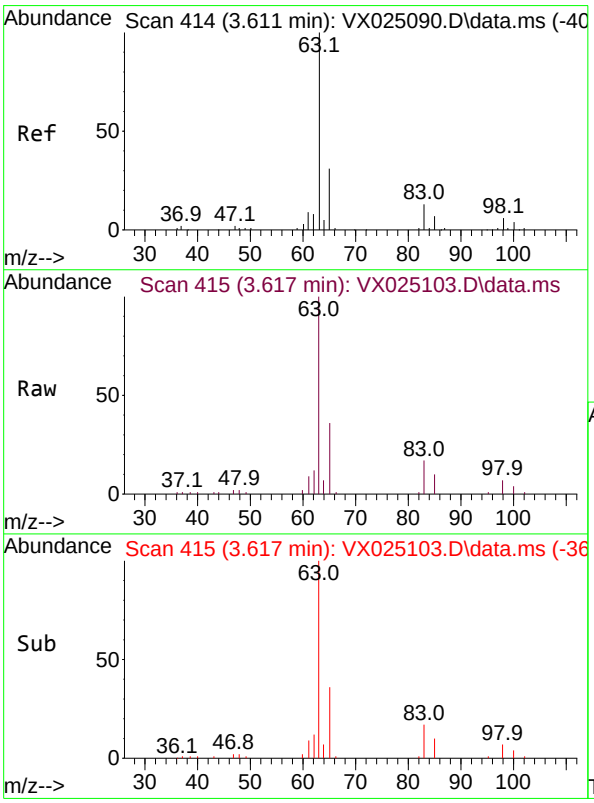
#13
Acetone
Concen: 8.370 ug/L
RT: 2.392 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX025103.D
Acq: 08 Nov 2021 18:17

Instrument :
MSVOA_X
ClientSampleId :
GB7K4ME

Tgt Ion: 43 Resp: 9980

Ion	Ratio	Lower	Upper
43	100		
58	30.0	0.0	64.8

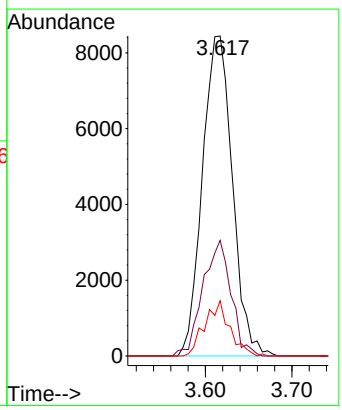


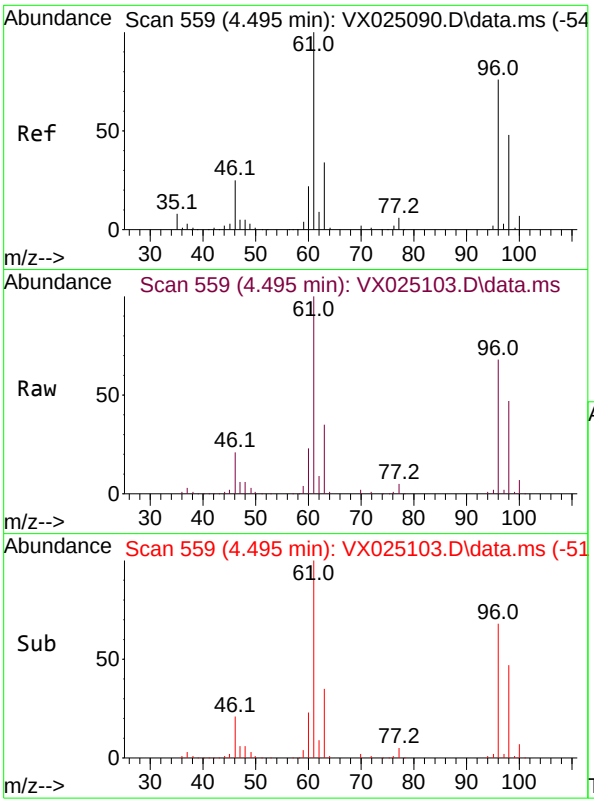


#19
1,1-Dichloroethane
Concen: 6.884 ug/L
RT: 3.617 min Scan# 415
Delta R.T. 0.006 min
Lab File: VX025103.D
Acq: 08 Nov 2021 18:17

Tgt Ion: 63 Resp: 20311

Ion	Ratio	Lower	Upper
63	100		
65	36.1	24.5	45.5
83	17.3	11.7	21.7



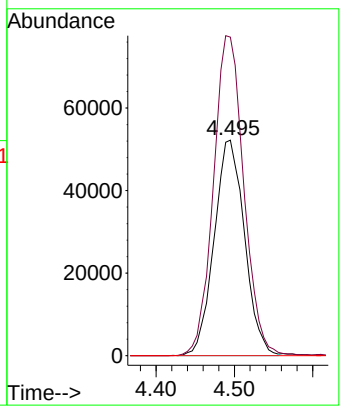


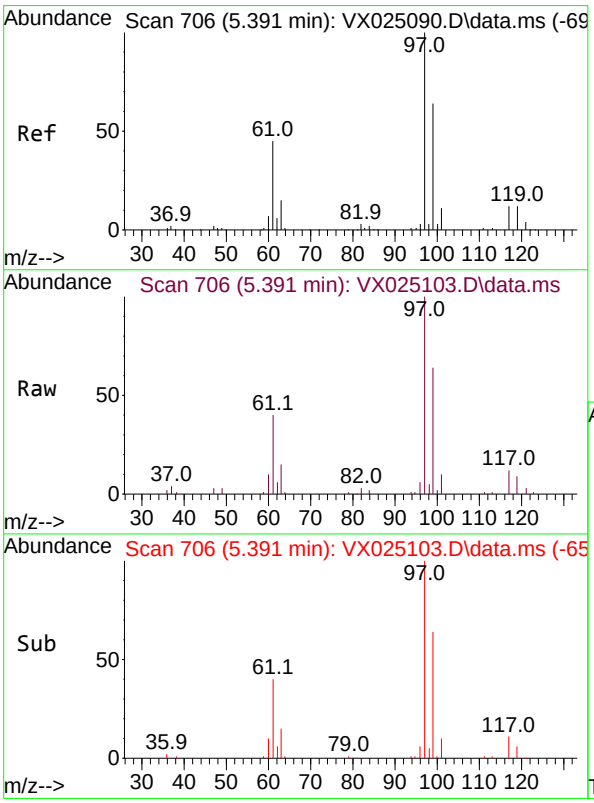
#20
cis-1,2-Dichloroethene
Concen: 86.009 ug/L
RT: 4.495 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX025103.D
Acq: 08 Nov 2021 18:17

Instrument :
MSVOA_X
ClientSampleId :
GB7K4ME

Tgt Ion: 96 Resp: 140753

Ion	Ratio	Lower	Upper
96	100		
61	147.8	82.6	153.4
68	0.0	0.0	0.0

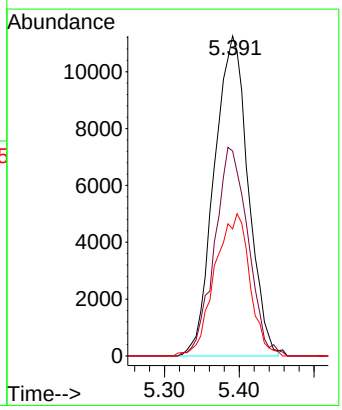


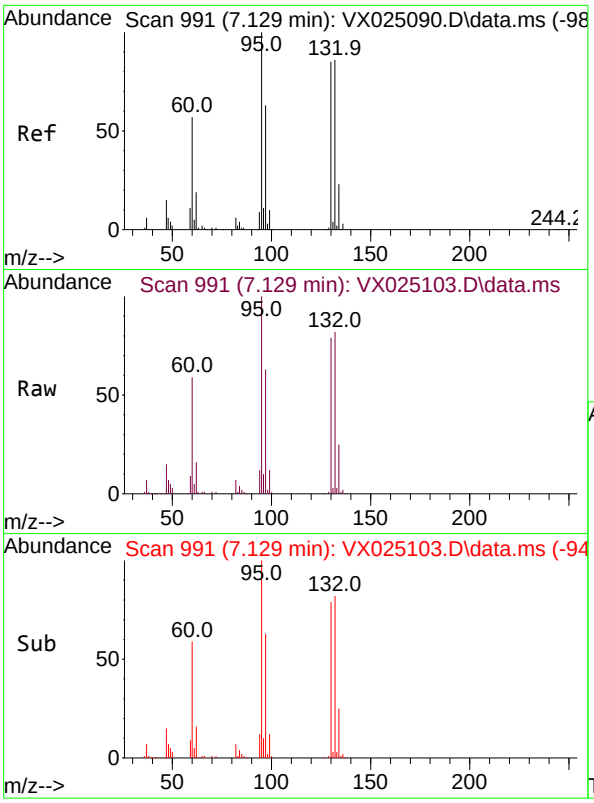


#30
1,1,1-Trichloroethane
Concen: 10.640 ug/L
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX025103.D
Acq: 08 Nov 2021 18:17

Tgt Ion: 97 Resp: 35506

Ion	Ratio	Lower	Upper
97	100		
99	64.2	53.1	79.7
61	45.5	26.3	39.5#



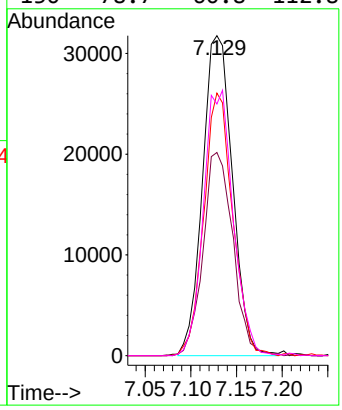


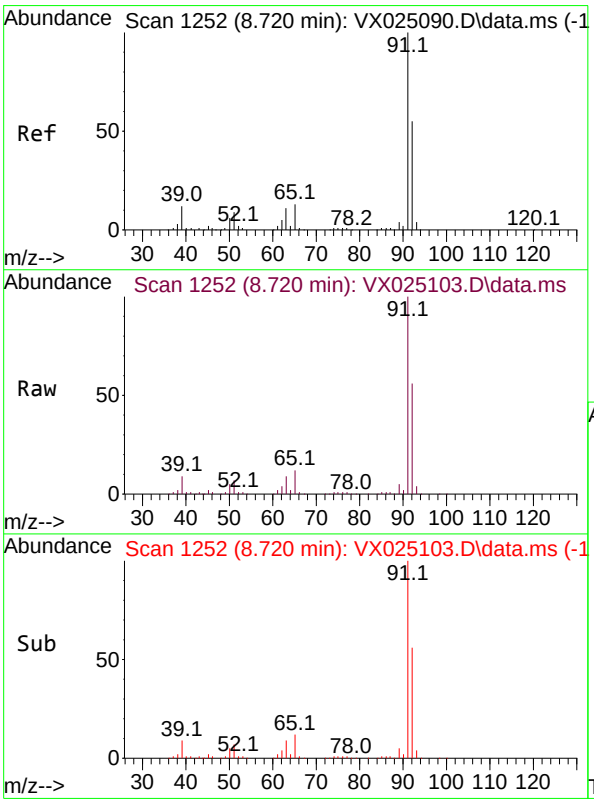
#34
Trichloroethene
Concen: 40.949 ug/L
RT: 7.129 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX025103.D
Acq: 08 Nov 2021 18:17

Instrument :
MSVOA_X
ClientSampleId :
GB7K4ME

Tgt Ion: 95 Resp: 72299

Ion	Ratio	Lower	Upper
95	100		
97	63.5	44.2	82.2
132	82.1	60.1	111.5
130	78.7	60.8	112.8

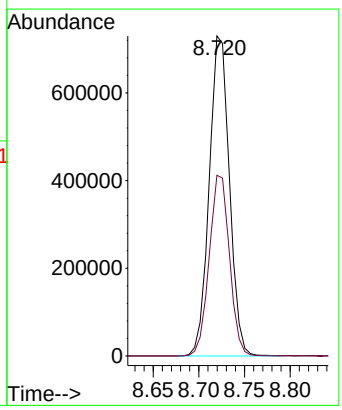


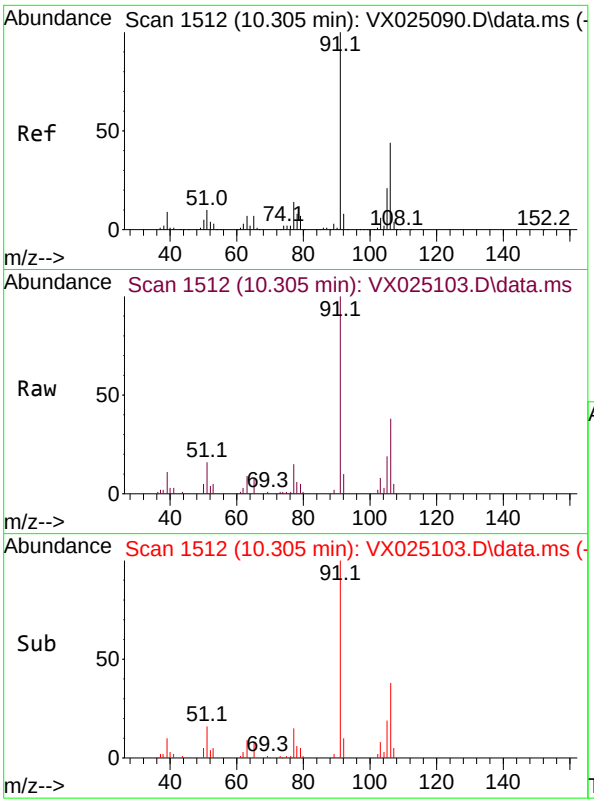


#42
Toluene
Concen: 169.647 ug/L
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX025103.D
Acq: 08 Nov 2021 18:17

Tgt Ion: 91 Resp: 1119452

Ion	Ratio	Lower	Upper
91	100		
92	56.5	39.3	72.9





#53
m,p-Xylene
Concen: 1.552 ug/L
RT: 10.305 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX025103.D
Acq: 08 Nov 2021 18:17

Instrument :
MSVOA_X
ClientSampleId :
GB7K4ME

Tgt Ion:106 Resp: 4004

Ion	Ratio	Lower	Upper
106	100		
91	261.7	160.2	297.6