Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121021\
Data File : VW021311.D
Acq On : 11 Dec 2021 03:36
Operator : SY/VA
Sample : M5023-15
Misc : 6.28g/10.0mL/MSVOA_W/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGKZ2

Quant Time: Dec 11 04:28:14 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Dec 10 23:12:45 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	48677	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	35956	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	10438	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	23485	26.491	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 105.960%			
7) Chloroethane-d5	2.885	69	18636	31.798	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 127.200%			
11) 1,1-Dichloroethene-d2	4.031	63	44604	37.739	ug/L	0.01
Spiked Amount 25.000	Range 45 - 110		Recovery = 150.960%#			
21) 2-Butanone-d5	7.074	46	11491	91.953	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 183.900%#			
24) Chloroform-d	7.653	84	42630	31.426	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 125.720%			
26) 1,2-Dichloroethane-d4	8.305	65	23148	32.080	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 128.320%			
32) Benzene-d6	8.275	84	71801	36.431	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 145.720%#			
36) 1,2-Dichloropropane-d6	9.274	67	21522	40.718	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 162.880%#			
41) Toluene-d8	10.323	98	57433	28.521	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 114.080%			
43) trans-1,3-Dichloroprop...	10.579	79	6958	28.590	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 114.360%			
47) 2-Hexanone-d5	10.920	63	7395	94.613	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 189.220%#			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	16062	35.350	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 141.400%#			
66) 1,2-Dichlorobenzene-d4	13.853	152	10164	25.125	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 100.520%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.044	96	42783	70.907	ug/L #	64
13) Acetone	4.129	43	2549	22.753	ug/L	88
14) Carbon disulfide	4.385	76	2829	1.816	ug/L #	94
16) Methylene chloride	4.921	84	3341	4.154	ug/L	73
19) 1,1-Dichloroethane	6.214	63	72678	70.894	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	14674	21.295	ug/L	73
27) 1,2-Dichloroethane	8.403	62	1032	1.369	ug/L #	95
34) Trichloroethene	9.091	95	135199	245.888	ug/L	89
42) Toluene	10.390	91	2796	1.221	ug/L	94
46) Tetrachloroethene	10.866	164	93602	179.202	ug/L	87

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

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Quant Title : SFAM01.0
QLast Update : Fri Dec 10 23:12:45 2021
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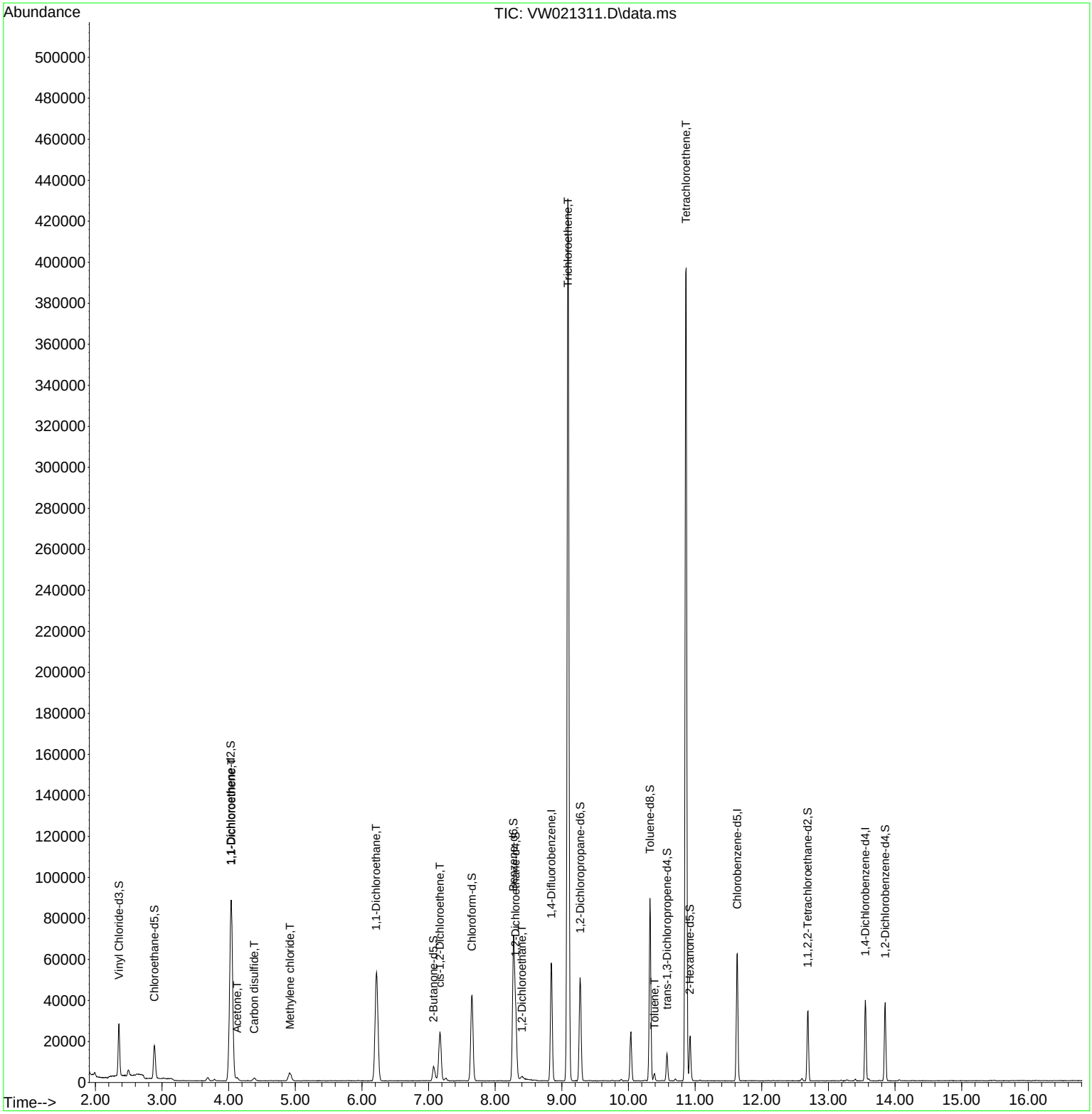
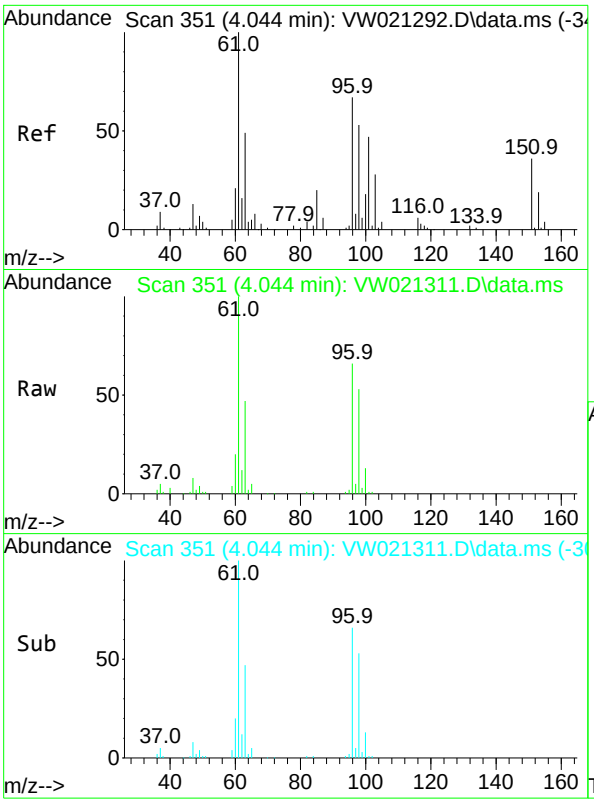


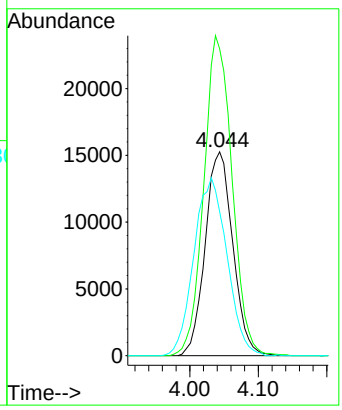


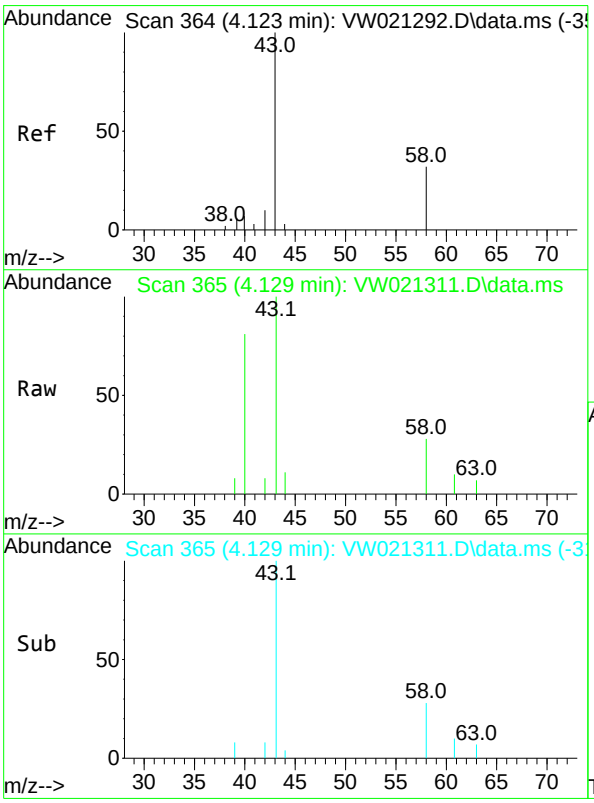
#12
1,1-Dichloroethene
Concen: 70.907 ug/L
RT: 4.044 min Scan# 3
Delta R.T. -0.000 min
Lab File: VW021311.D
Acq: 11 Dec 2021 03:36

Instrument :
MSVOA_W
ClientSampleId :
BGKZ2

Tgt Ion: 96 Resp: 42783

Ion	Ratio	Lower	Upper
96	100		
61	150.5	138.3	256.9
63	70.7	82.6	153.4#

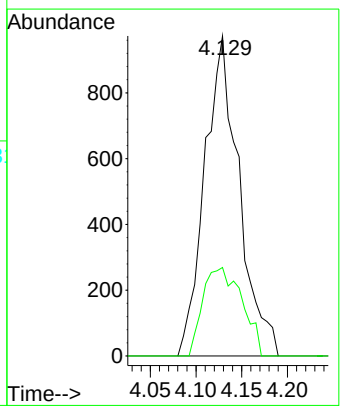


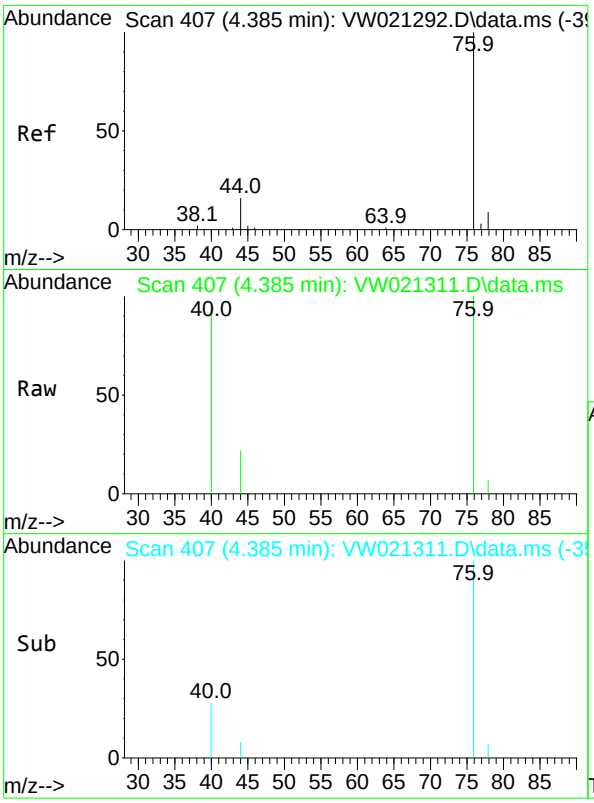


#13
Acetone
Concen: 22.753 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.006 min
Lab File: VW021311.D
Acq: 11 Dec 2021 03:36

Tgt Ion: 43 Resp: 2549

Ion	Ratio	Lower	Upper
43	100		
58	20.3	0.0	52.8



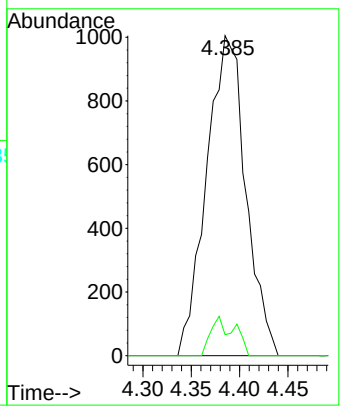


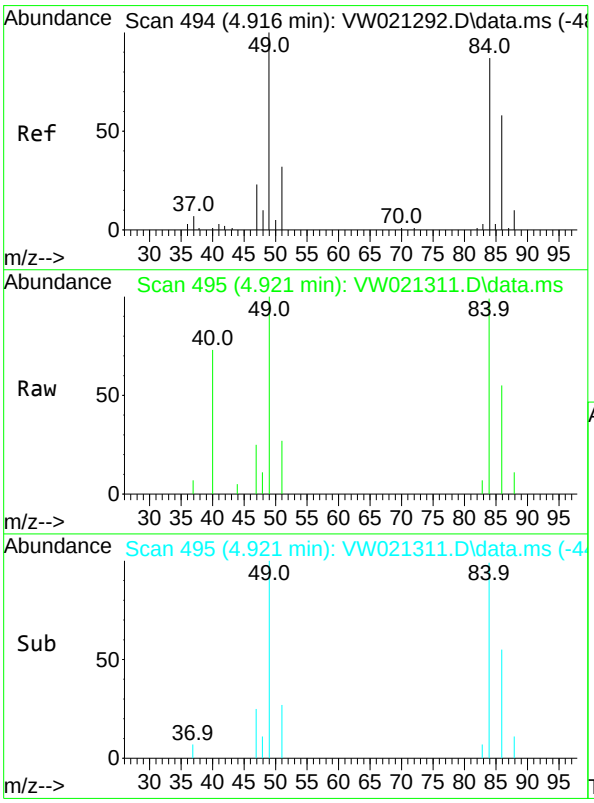
#14
Carbon disulfide
Concen: 1.816 ug/L
RT: 4.385 min Scan# 4
Delta R.T. -0.000 min
Lab File: VW021311.D
Acq: 11 Dec 2021 03:36

Instrument :
MSVOA_W
ClientSampleId :
BGKZ2

Tgt Ion: 76 Resp: 2829

Ion	Ratio	Lower	Upper
76	100		
78	6.6	7.1	10.7#

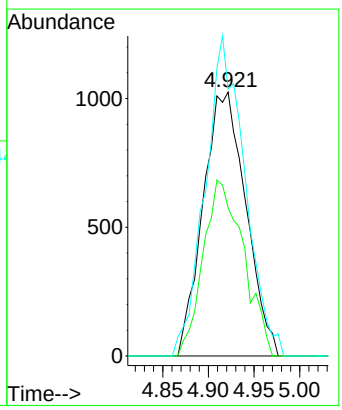


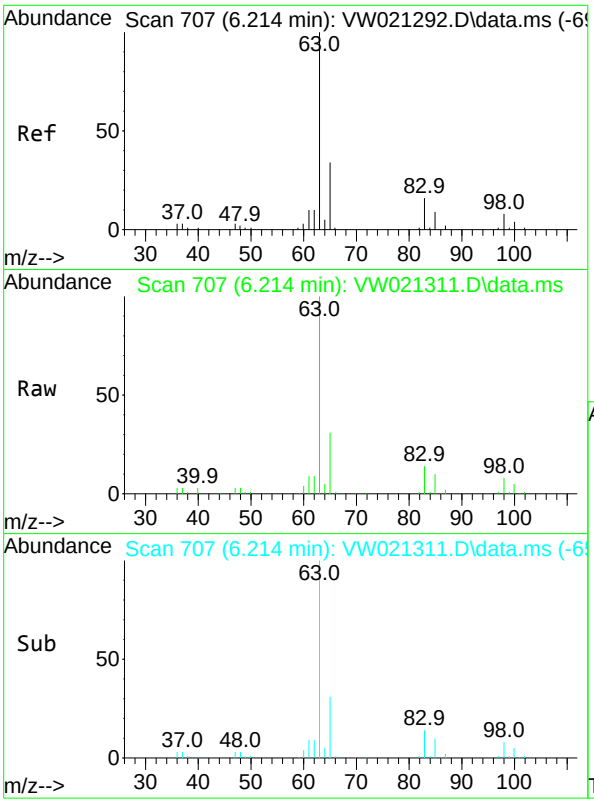


#16
Methylene chloride
Concen: 4.154 ug/L
RT: 4.921 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW021311.D
Acq: 11 Dec 2021 03:36

Tgt Ion: 84 Resp: 3341

Ion	Ratio	Lower	Upper
84	100		
86	56.1	45.5	84.5
49	101.2	100.5	186.7



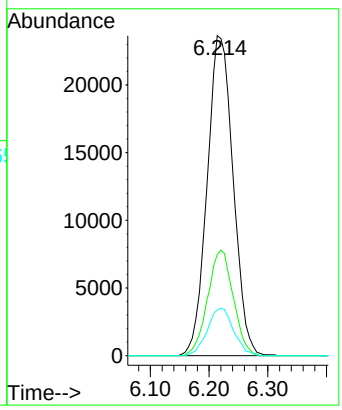


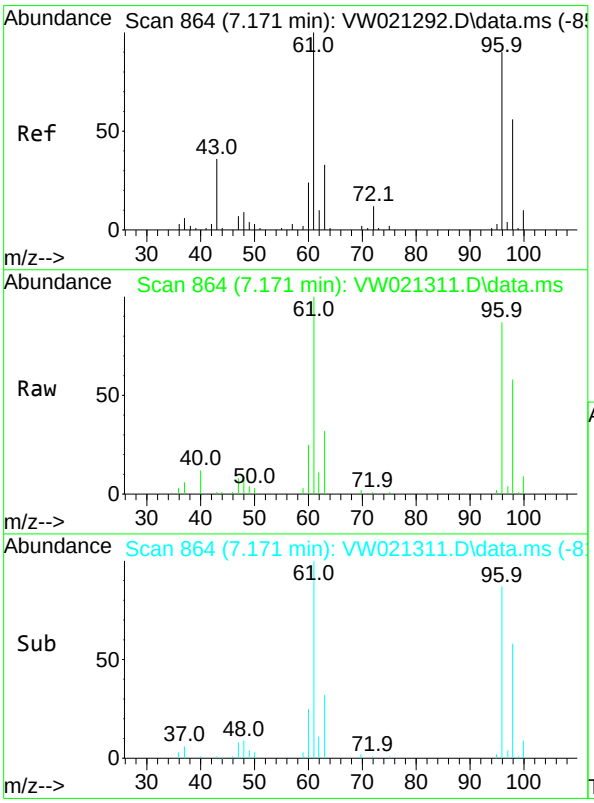
#19
1,1-Dichloroethane
Concen: 70.894 ug/L
RT: 6.214 min Scan# 7
Delta R.T. -0.000 min
Lab File: VW021311.D
Acq: 11 Dec 2021 03:36

Instrument :
MSVOA_W
ClientSampleId :
BGKZ2

Tgt Ion: 63 Resp: 72678

Ion	Ratio	Lower	Upper
63	100		
65	31.5	22.1	41.1
83	14.3	9.2	17.2

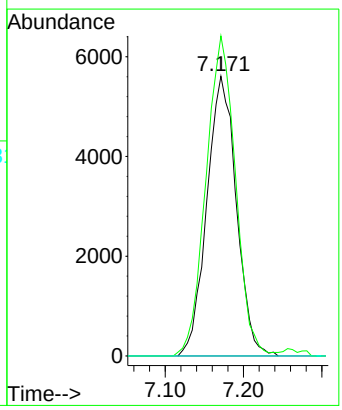


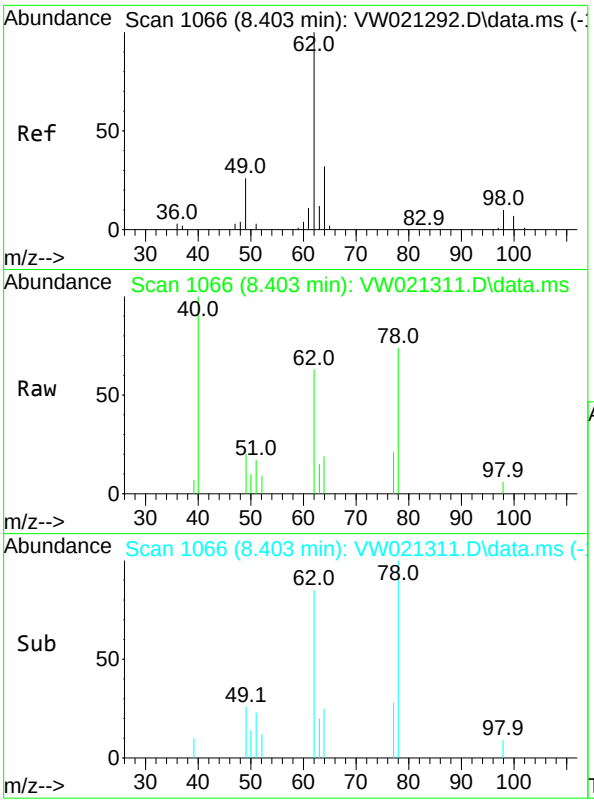


#20
cis-1,2-Dichloroethene
Concen: 21.295 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW021311.D
Acq: 11 Dec 2021 03:36

Tgt Ion: 96 Resp: 14674

Ion	Ratio	Lower	Upper
96	100		
61	114.4	103.7	192.7
68	0.0	0.0	0.0



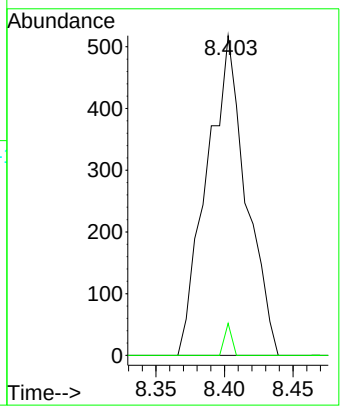


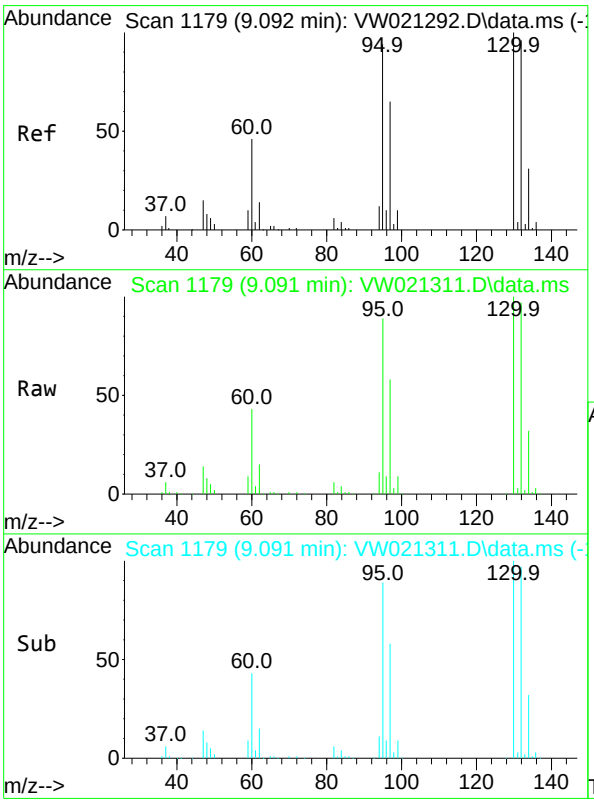
#27
1,2-Dichloroethane
Concen: 1.369 ug/L
RT: 8.403 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW021311.D
Acq: 11 Dec 2021 03:36

Instrument :
MSVOA_W
ClientSampleId :
BGKZ2

Tgt Ion: 62 Resp: 1032

Ion	Ratio	Lower	Upper
62	100		
98	10.0	6.5	9.7#

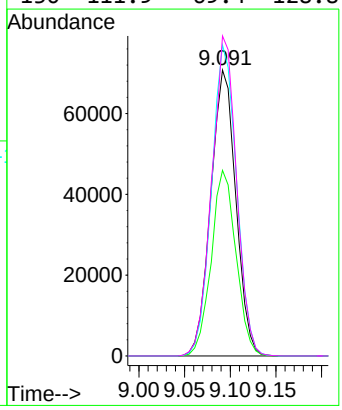


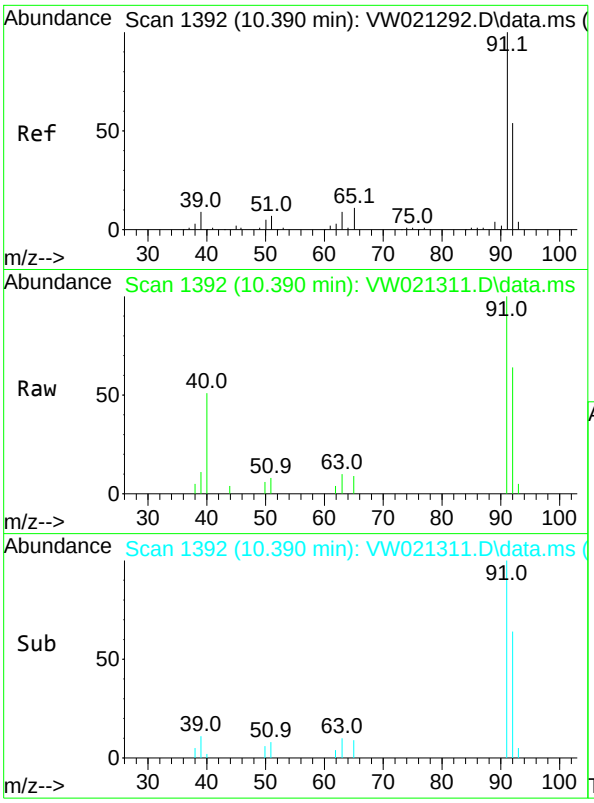


#34
Trichloroethene
Concen: 245.888 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW021311.D
Acq: 11 Dec 2021 03:36

Tgt Ion: 95 Resp: 135199

Ion	Ratio	Lower	Upper
95	100		
97	64.9	47.0	87.2
132	108.7	65.5	121.6
130	111.9	69.4	128.8



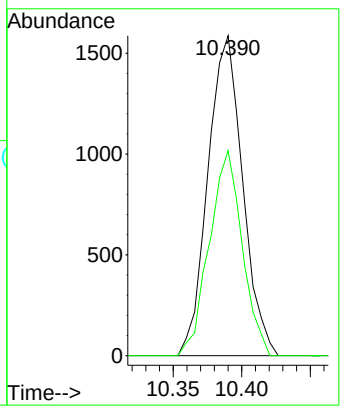


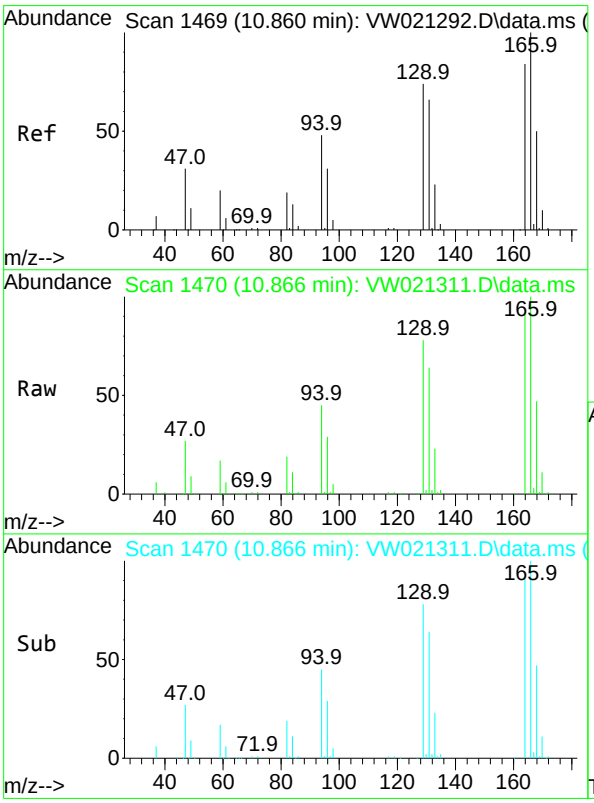
#42
Toluene
Concen: 1.221 ug/L
RT: 10.390 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW021311.D
Acq: 11 Dec 2021 03:36

Instrument :
MSVOA_W
ClientSampleId :
BGKZ2

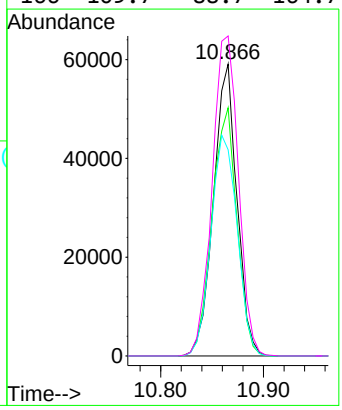
Tgt Ion: 91 Resp: 2796

Ion	Ratio	Lower	Upper
91	100		
92	64.0	41.7	77.5





#46
Tetrachloroethene
Concen: 179.202 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW021311.D
Acq: 11 Dec 2021 03:36

Tgt Ion:164 Resp: 93602

Ion	Ratio	Lower	Upper
164	100		
129	85.1	65.5	121.7
131	70.7	59.7	110.9
166	109.7	88.7	164.7