Quantitation Report (Qedit)

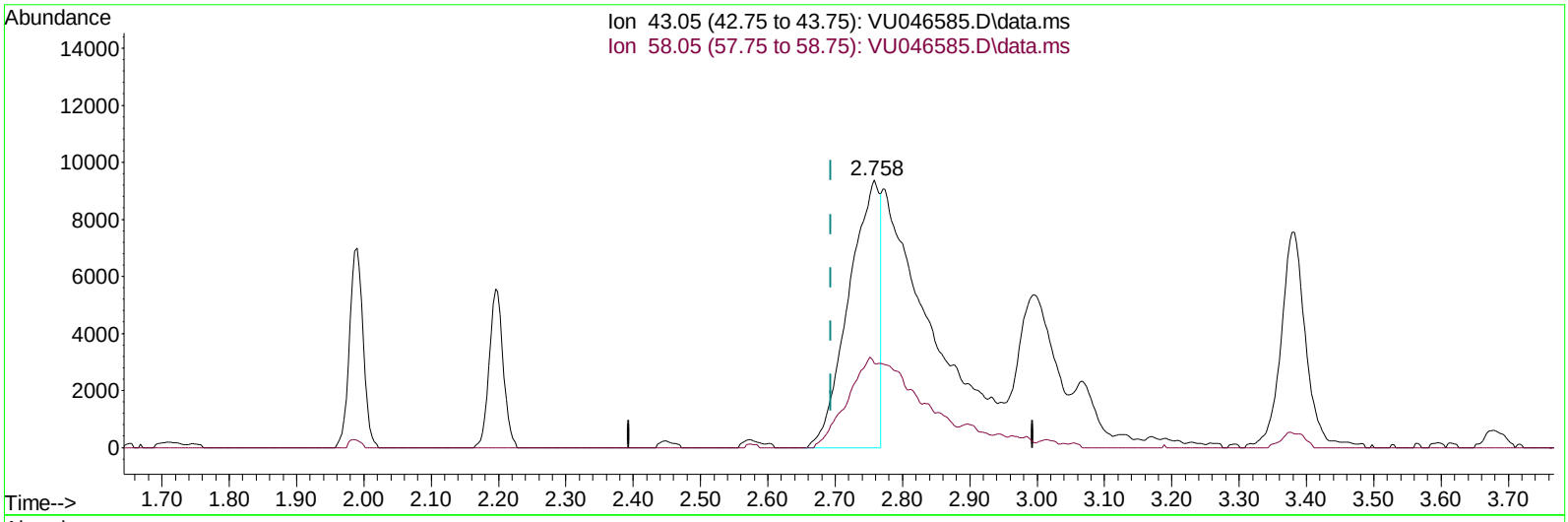
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122321\
Data File : VU046585.D
Acq On : 23 Dec 2021 23:01
Operator : SY/MD
Sample : M5170-07MS
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

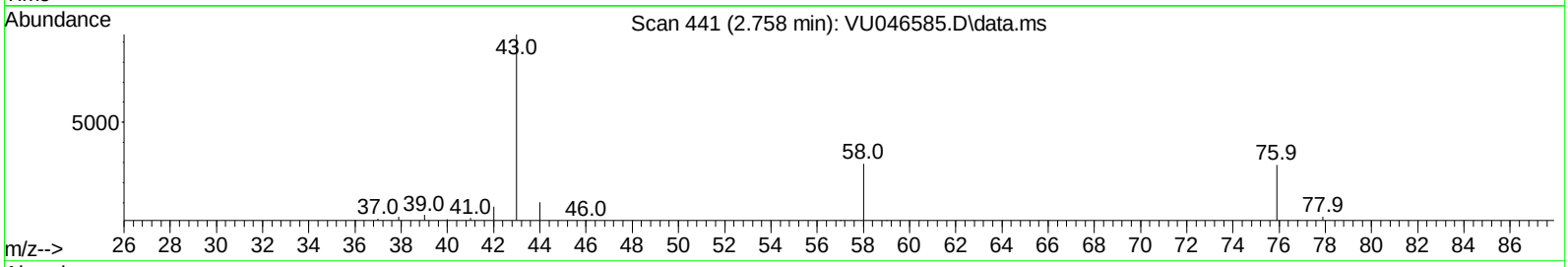
Quant Time: Dec 24 04:59:41 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Dec 24 04:54:59 2021
Response via : Initial Calibration

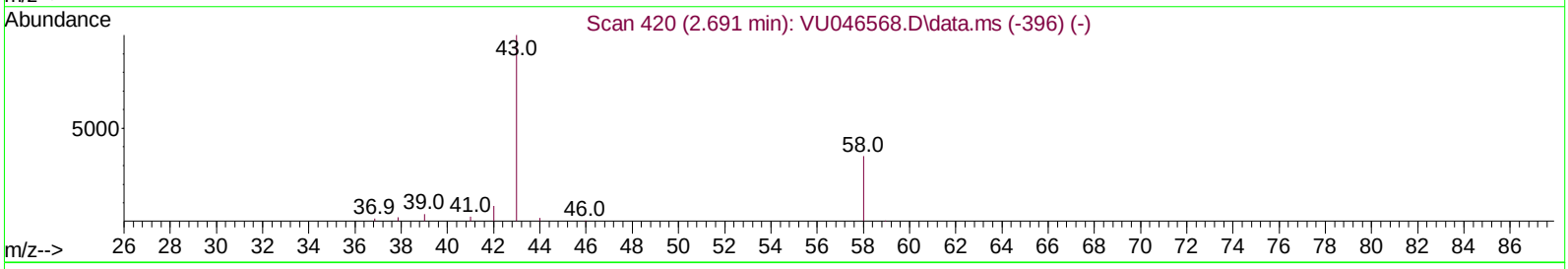
Instrument :
MSVOA_U
ClientSampleId :
H0AO4MS

Manual IntegrationsAPPROVED

Reviewed By :Amit Patel 12/24/2021
Supervised By :Semsettin Yesilyurt 01/02/2022







TIC: VU046585.D\data.ms

(13) Acetone (T)

2.758min (+ 0.064) 17.99 ug/L

response 30367

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	35.80	30.55
0.00	0.00	0.00
0.00	0.00	0.00

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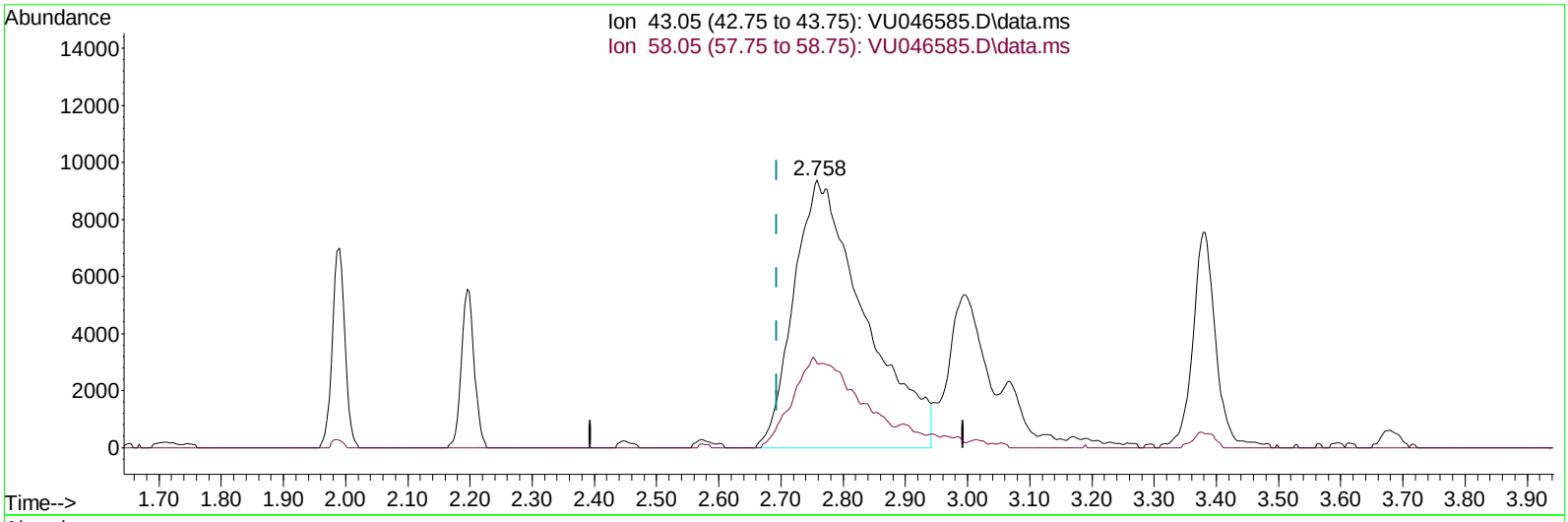

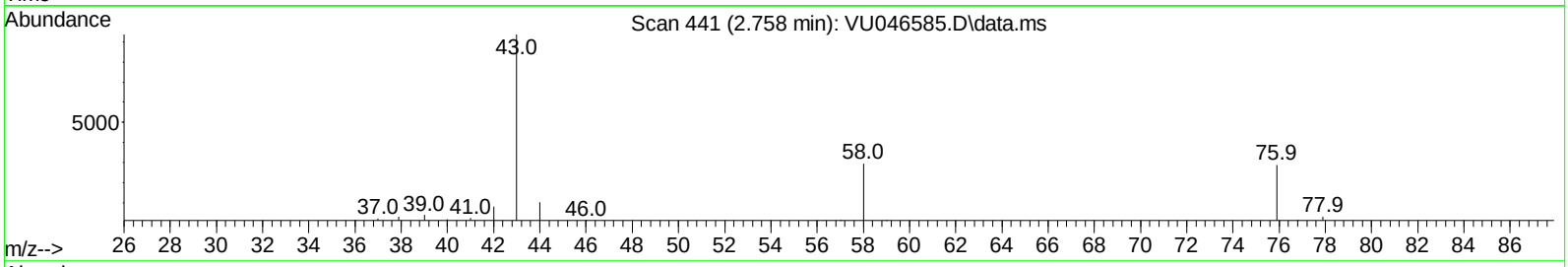

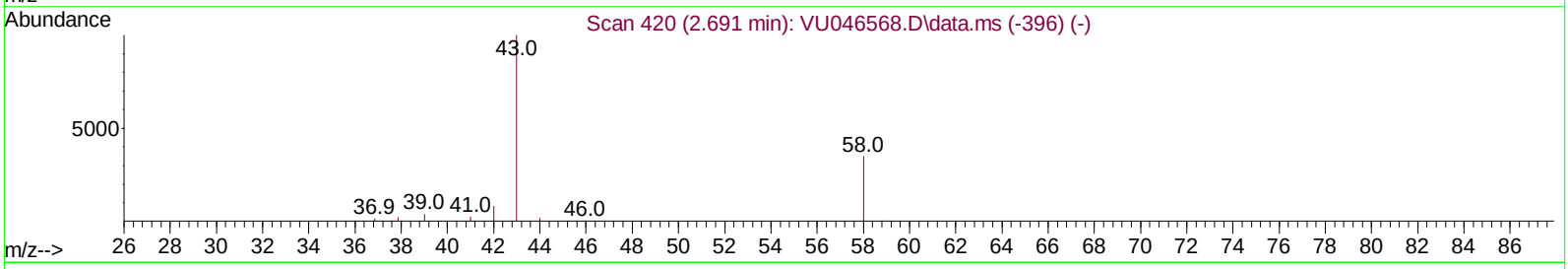

TIC: VU046585.D\data.ms

(13) Acetone (T)

2.758min (+ 0.064) 43.91 ug/L m

response 74095

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	35.80	12.52
0.00	0.00	0.00
0.00	0.00	0.00

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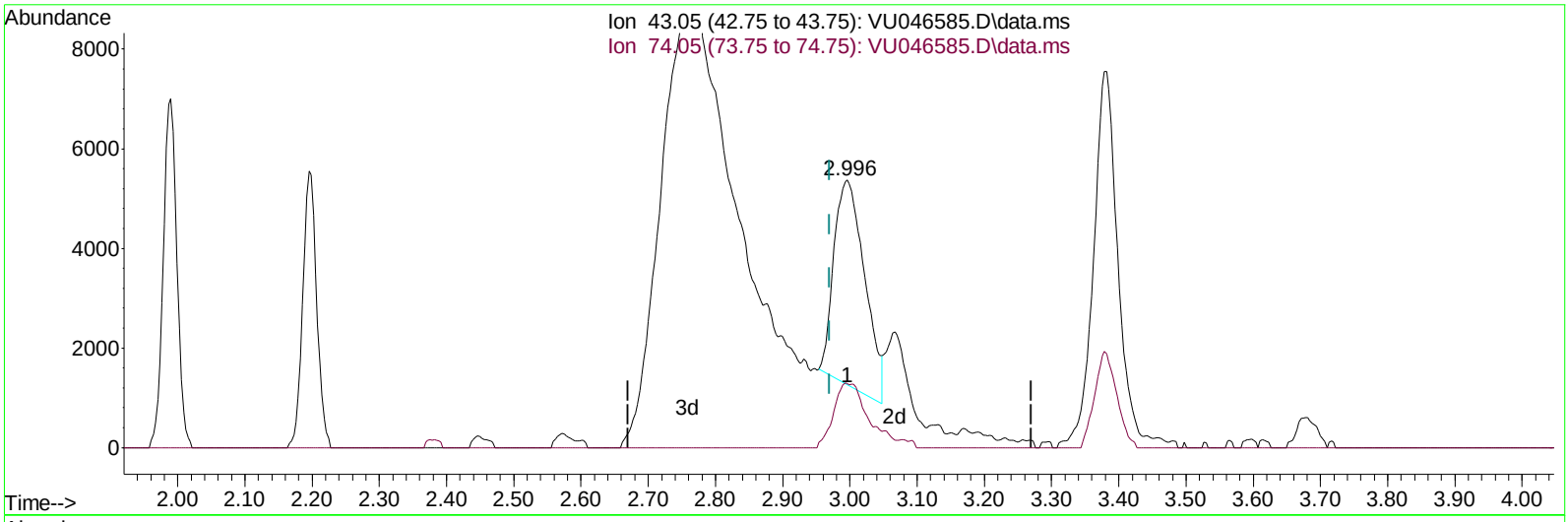

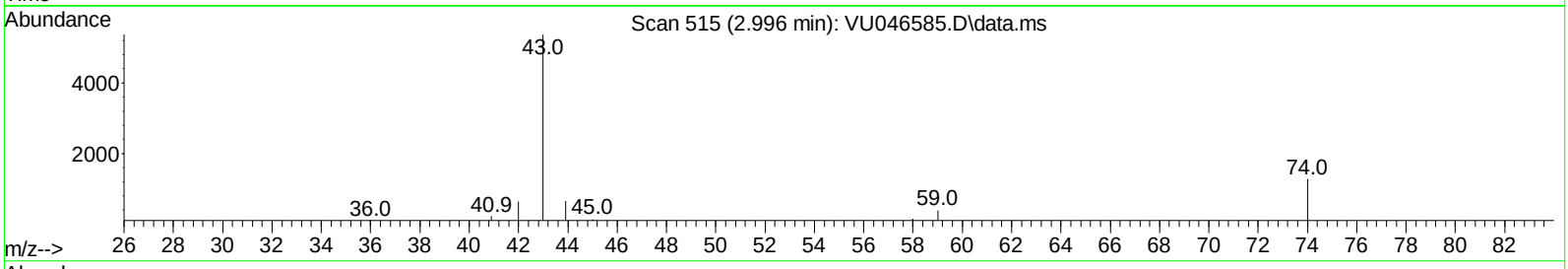

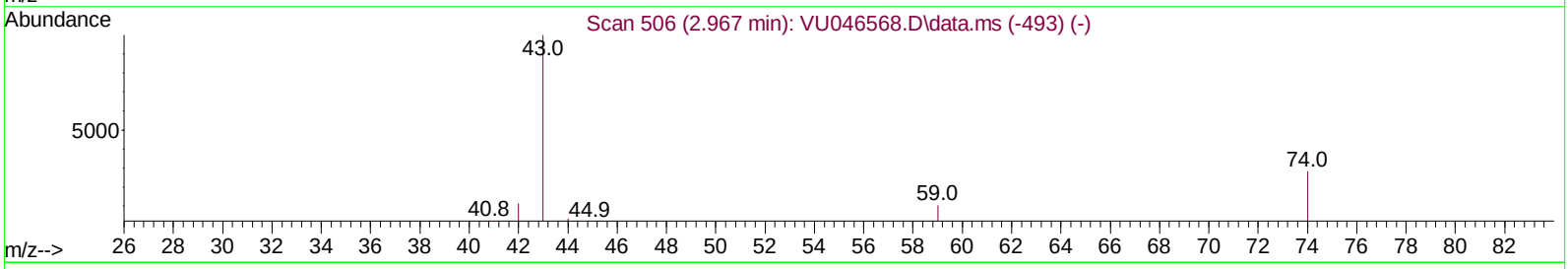

TIC: VU046585.D\data.ms

(15) Methyl Acetate (T)

2.996min (+ 0.026) 3.84 ug/L

response 13076

Ion	Exp%	Act%
43.05	100.00	100.00
74.05	23.90	34.96#
0.00	0.00	0.00
0.00	0.00	0.00

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Quant Title : TRACE VOA SFAM1.0
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Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

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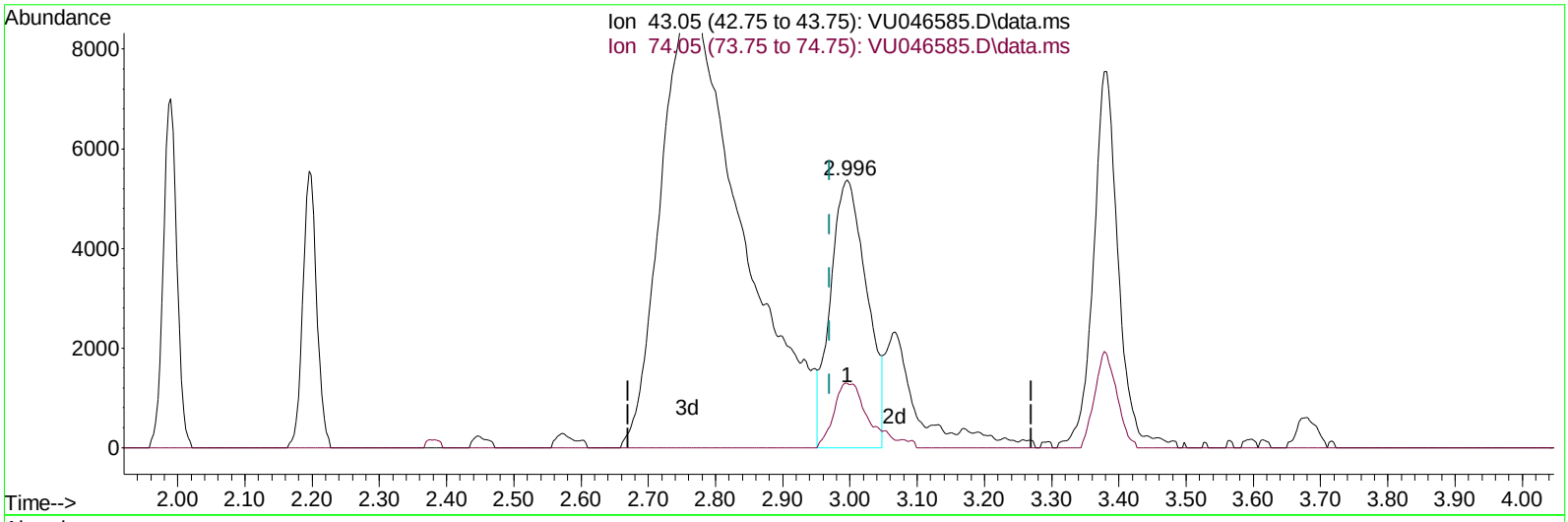

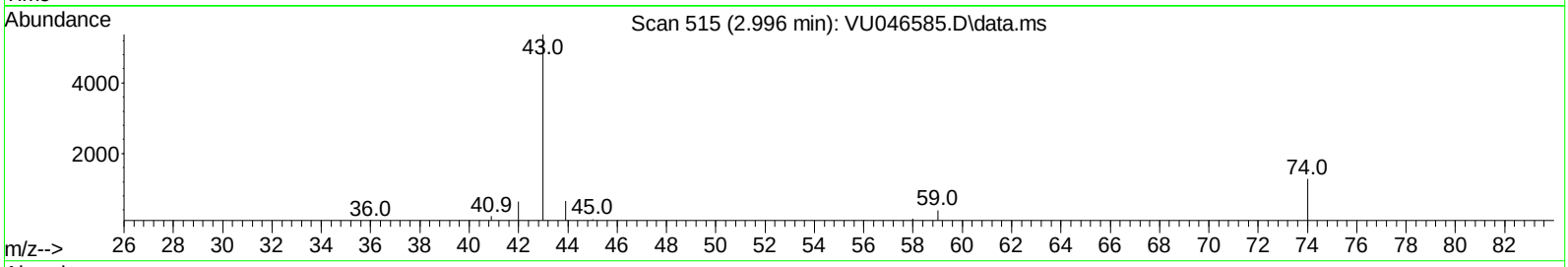

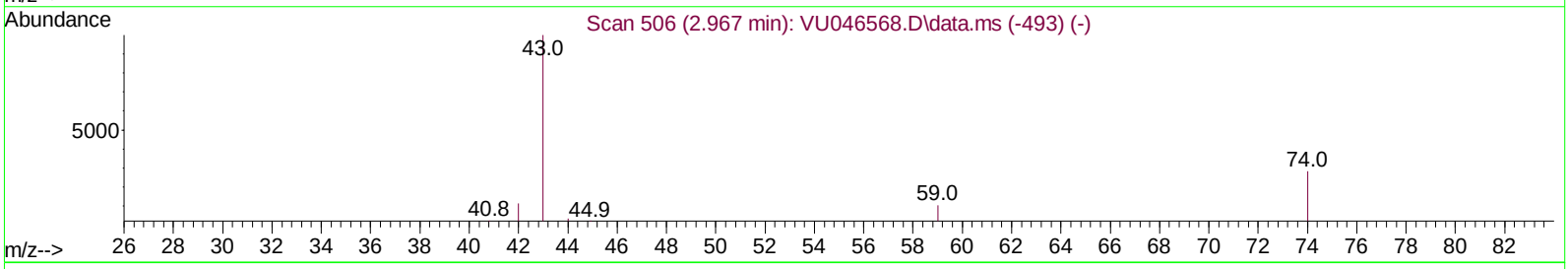

TIC: VU046585.D\data.ms

(15) Methyl Acetate (T)

2.996min (+ 0.026) 5.94 ug/L m

response 20238

Ion	Exp%	Act%
43.05	100.00	100.00
74.05	23.90	22.59
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

Reviewed By :Amit Patel 12/24/2021
Supervised By :Semsettin Yesilyurt 01/02/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	78783	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	77645	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	40924	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.591	65	20269	3.266	ug/L	-0.01
Spiked Amount 5.000	Range 40 - 130		Recovery = 65.400%			
7) Chloroethane-d5	1.909	69	17220	3.524	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 70.400%			
11) 1,1-Dichloroethene-d2	2.562	65	8603	3.288	ug/L	-0.01
Spiked Amount 5.000	Range 60 - 125		Recovery = 65.800%			
20) 2-Butanone-d5	4.719	46	96708	53.727	ug/L	0.06
Spiked Amount 50.000	Range 40 - 130		Recovery = 107.460%			
24) Chloroform-d	5.067	84	49919	4.390	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.800%			
26) 1,2-Dichloroethane-d4	5.707	65	27930	4.297	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.000%			
32) Benzene-d6	5.726	84	85715	3.960	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 79.200%			
36) 1,2-Dichloropropane-d6	6.694	67	29036	4.464	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 89.200%			
41) Toluene-d8	7.899	98	75942	3.866	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 77.400%			
43) trans-1,3-Dichloroprop...	8.182	79	12506	4.157	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 83.200%			
46) 2-Hexanone-d5	8.645	63	95318	53.971	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 107.940%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	32235	4.829	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.600%			
66) 1,2-Dichlorobenzene-d4	12.192	152	33379	4.428	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 88.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	58762	4.874	ug/L	98
3) Chloromethane	1.514	50	43022	4.144	ug/L	98
5) Vinyl chloride	1.597	62	44174	4.322	ug/L	100
6) Bromomethane	1.855	94	24347	3.957	ug/L	99
8) Chloroethane	1.932	64	24496	4.082	ug/L	98
9) Trichlorofluoromethane	2.134	101	62677	4.688	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	30004	4.408	ug/L	94
12) 1,1-Dichloroethene	2.575	96	29329	4.232	ug/L #	79
13) Acetone	2.758	43	74095m	43.905	ug/L	
14) Carbon disulfide	2.784	76	117419	5.187	ug/L	100
15) Methyl Acetate	2.996	43	20238m	5.937	ug/L	
16) Methylene chloride	3.044	84	32813	3.891	ug/L	97
17) Methyl tert-butyl Ether	3.379	73	97310	4.813	ug/L	98
18) trans-1,2-Dichloroethene	3.343	96	32339	4.374	ug/L	99
19) 1,1-Dichloroethane	3.867	63	62019	4.553	ug/L	99
21) 2-Butanone	4.790	43	119591	46.708	ug/L	97
22) cis-1,2-Dichloroethene	4.668	96	42086	5.208	ug/L	98
23) Bromochloromethane	4.977	128	18146	4.512	ug/L	91

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) Chloroform	5.089	83	67327	4.576	ug/L		98
27) 1,2-Dichloroethane	5.800	62	49408	4.704	ug/L		96
29) 1,1,1-Trichloroethane	5.314	97	60753	4.732	ug/L		97
30) Cyclohexane	5.379	56	51326	4.833	ug/L		94
31) Carbon tetrachloride	5.520	117	51050	4.739	ug/L		100
33) Benzene	5.774	78	220852	7.159	ug/L		100
34) Trichloroethene	6.542	95	45689	5.618	ug/L		97
35) Methylcyclohexane	6.761	83	54982	4.795	ug/L		95
37) 1,2-Dichloropropane	6.793	63	36294	4.612	ug/L		98
38) Bromodichloromethane	7.108	83	49690	4.562	ug/L		96
39) cis-1,3-Dichloropropene	7.610	75	53983	4.532	ug/L		98
40) 4-Methyl-2-pentanone	7.806	43	305761	51.761	ug/L		96
42) Toluene	7.970	91	265112	8.372	ug/L		100
44) trans-1,3-Dichloropropene	8.214	75	50366	4.563	ug/L		97
45) 1,1,2-Trichloroethane	8.404	97	30684	4.521	ug/L		95
47) Tetrachloroethene	8.552	164	32439	5.637	ug/L		96
48) 2-Hexanone	8.697	43	215057	48.749	ug/L		98
49) Dibromochloromethane	8.813	129	35430	4.526	ug/L		98
50) 1,2-Dibromoethane	8.925	107	30273	4.621	ug/L		98
51) Chlorobenzene	9.446	112	94555	4.671	ug/L		99
52) Ethylbenzene	9.571	91	188906	5.763	ug/L		98
53) m,p-Xylene	9.693	106	81552	6.495	ug/L		97
54) o-Xylene	10.102	106	69139	5.730	ug/L		95
55) Styrene	10.115	104	105080	5.021	ug/L		99
57) 1,1,2,2-Tetrachloroethane	10.783	83	41379	4.666	ug/L		98
59) Bromoform	10.292	173	21804	4.612	ug/L		99
60) Isopropylbenzene	10.484	105	163349	5.176	ug/L		99
61) 1,2,3-Trichloropropane	10.825	75	30913	4.548	ug/L		95
62) 1,3,5-Trimethylbenzene	11.089	105	140587	5.356	ug/L		99
63) 1,2,4-Trimethylbenzene	11.468	105	159859	6.048	ug/L		99
64) 1,3-Dichlorobenzene	11.745	146	75020	4.890	ug/L		98
65) 1,4-Dichlorobenzene	11.835	146	74844	4.765	ug/L		99
67) 1,2-Dichlorobenzene	12.211	146	74313	4.829	ug/L		98
68) 1,2-Dibromo-3-chloropr...	12.999	75	7360	4.678	ug/L	#	82
69) 1,3,5-Trichlorobenzene	13.217	180	57788	4.977	ug/L		98
70) 1,2,4-trichlorobenzene	13.841	180	49940	5.078	ug/L		99
71) Naphthalene	14.086	128	156462	7.164	ug/L		99
72) 1,2,3-Trichlorobenzene	14.330	180	49483	5.082	ug/L		99

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

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