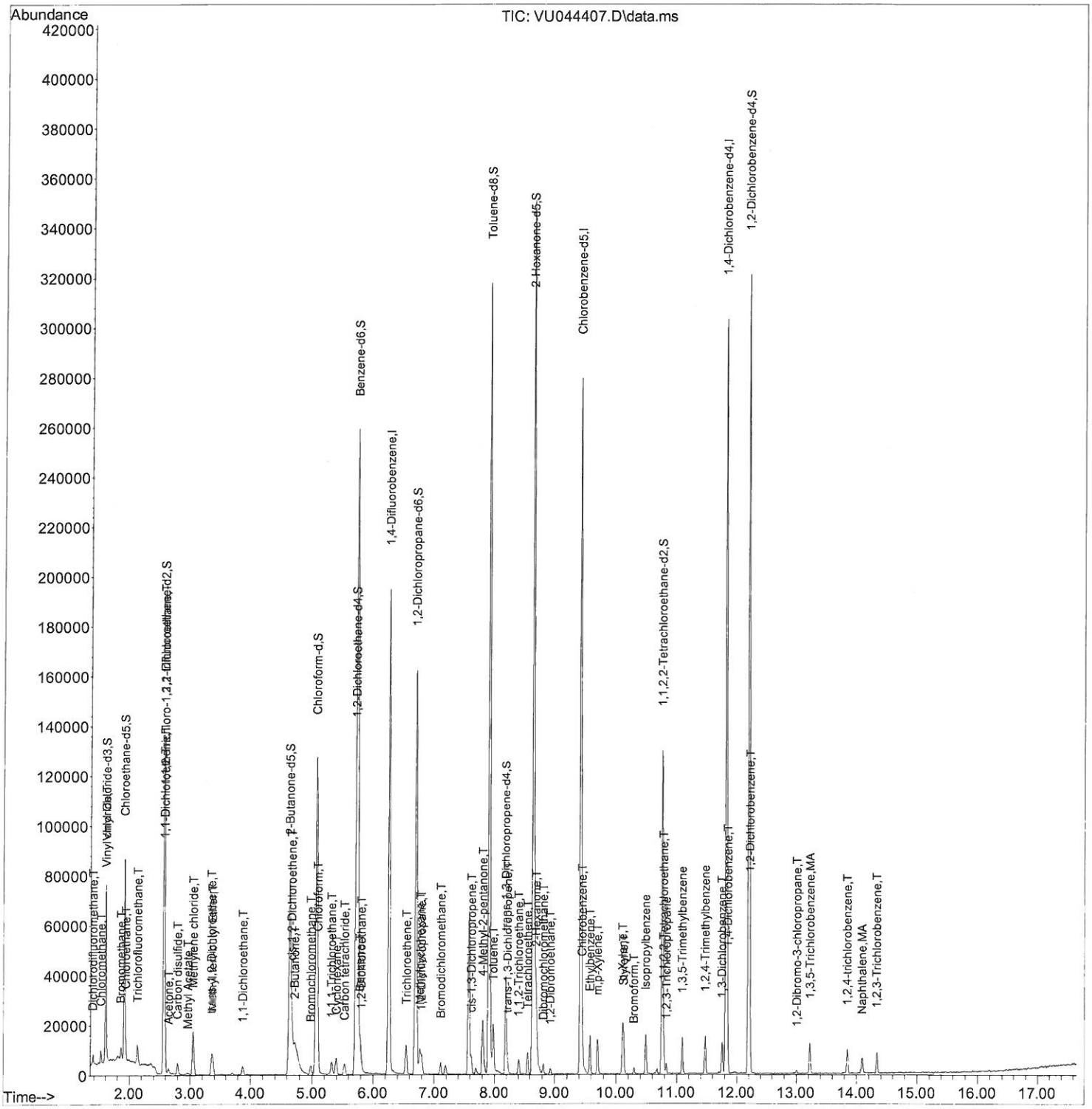
Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081021\
Data File : VU044407.D
Acq On : 10 Aug 2021 12:43
Operator : SY/MD
Sample : M3263-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 11 01:57:50 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072321WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Aug 11 01:08:01 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT4-2021-08

Manual Integrations APPROVED
MMDadoda
8/11/2021 8:59:27 AM



Quantitation Report (Qedit)

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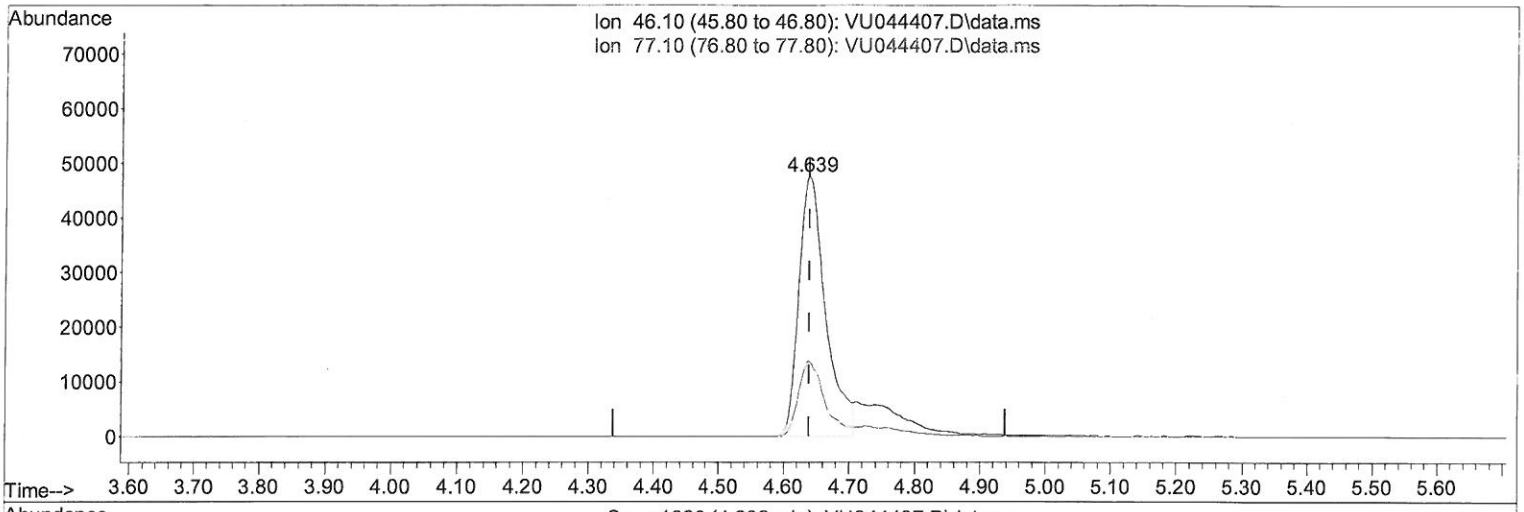

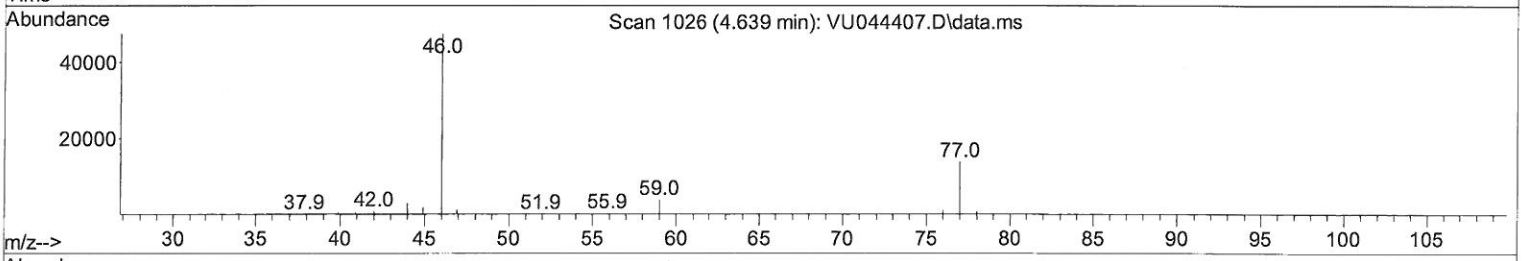

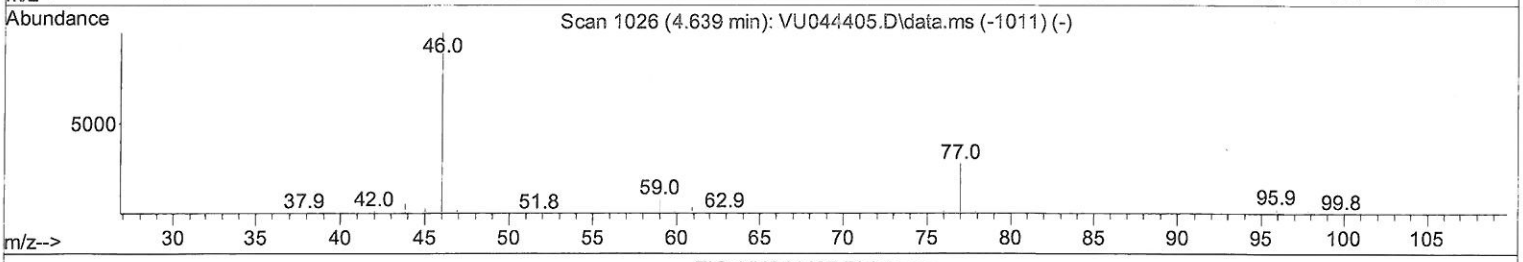

TIC: VU044407.D\data.ms

(20) 2-Butanone-d5 (S)

4.639min (+ 0.000) 33.68 ug/L

response 136032

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	25.70	28.43
0.00	0.00	0.00
0.00	0.00	0.00

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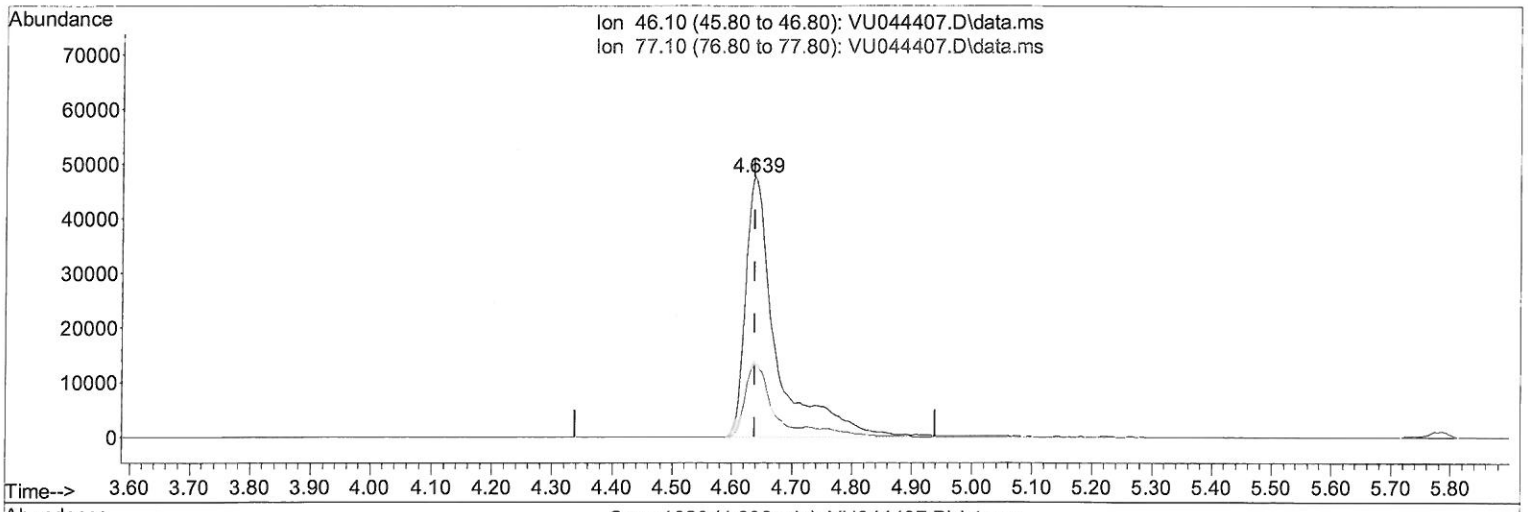

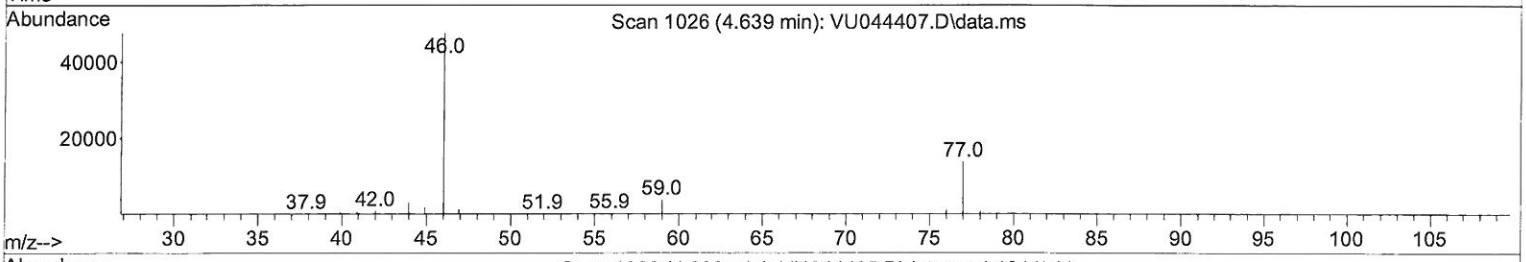

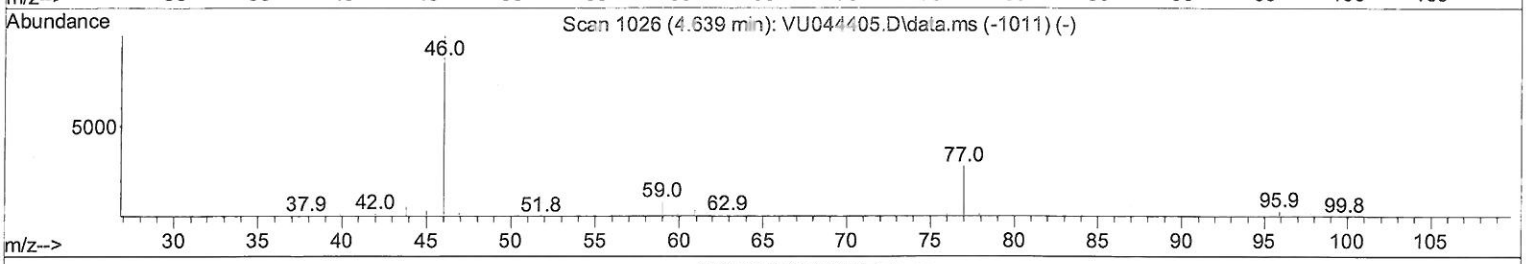

TIC: VU044407.D\data.ms

(20) 2-Butanone-d5 (S)

4.639min (+ 0.000) 41.63 ug/L m

response 168126

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	25.70	23.01
0.00	0.00	0.00
0.00	0.00	0.00

JMD 8/11/21

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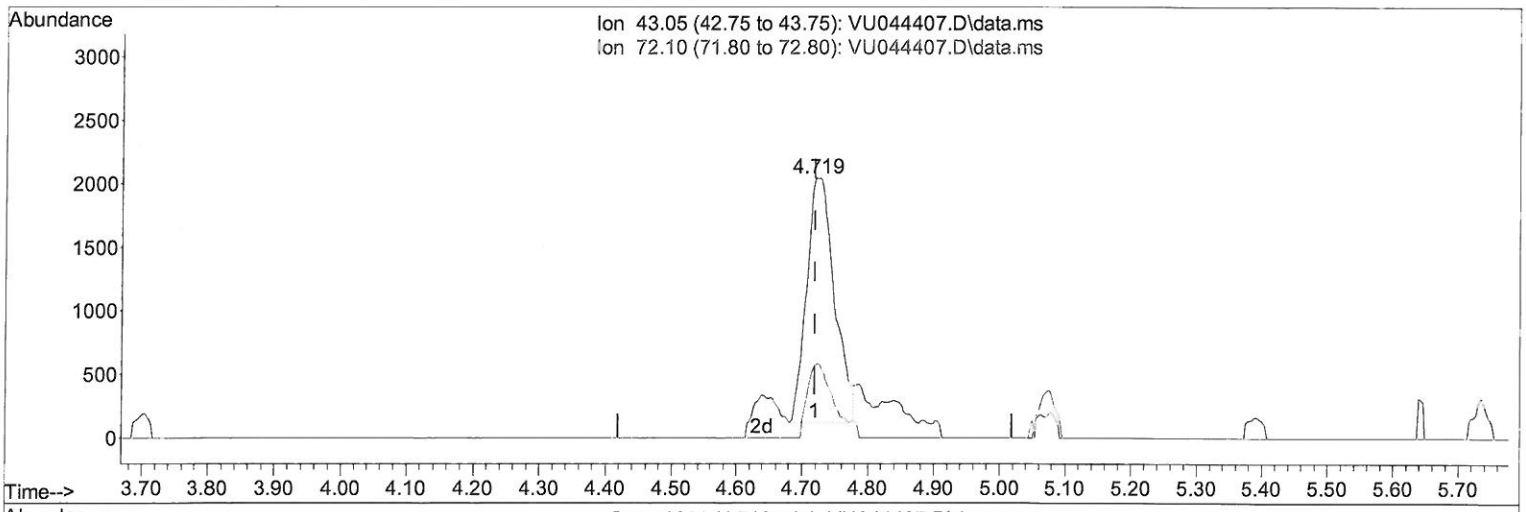

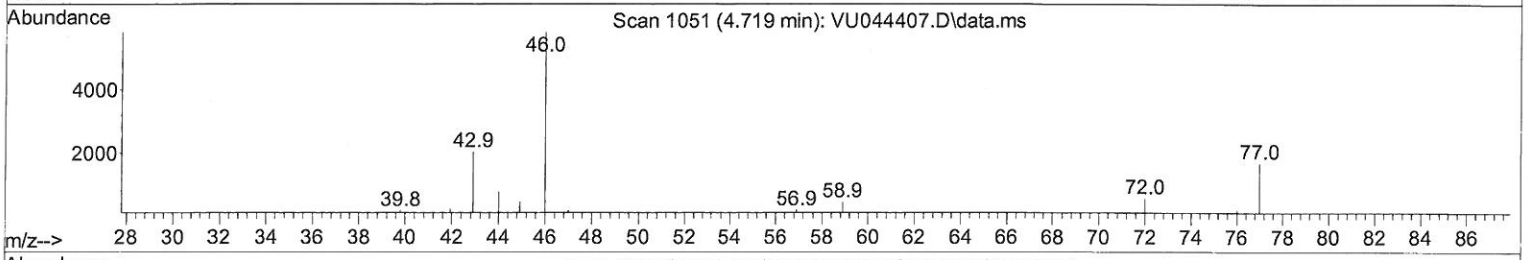

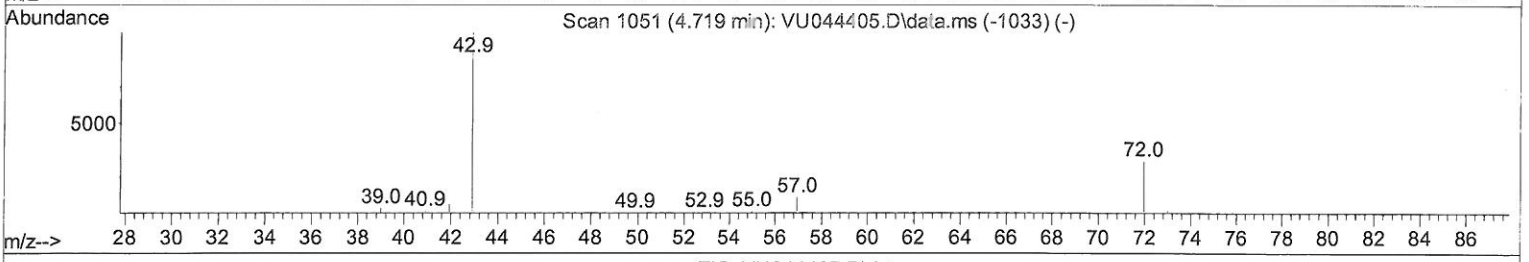

TIC: VU044407.D\data.ms

(21) 2-Butanone (T)

4.719min (+ 0.000) 1.58 ug/L

response 5656

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	28.80	27.05
0.00	0.00	0.00
0.00	0.00	0.00

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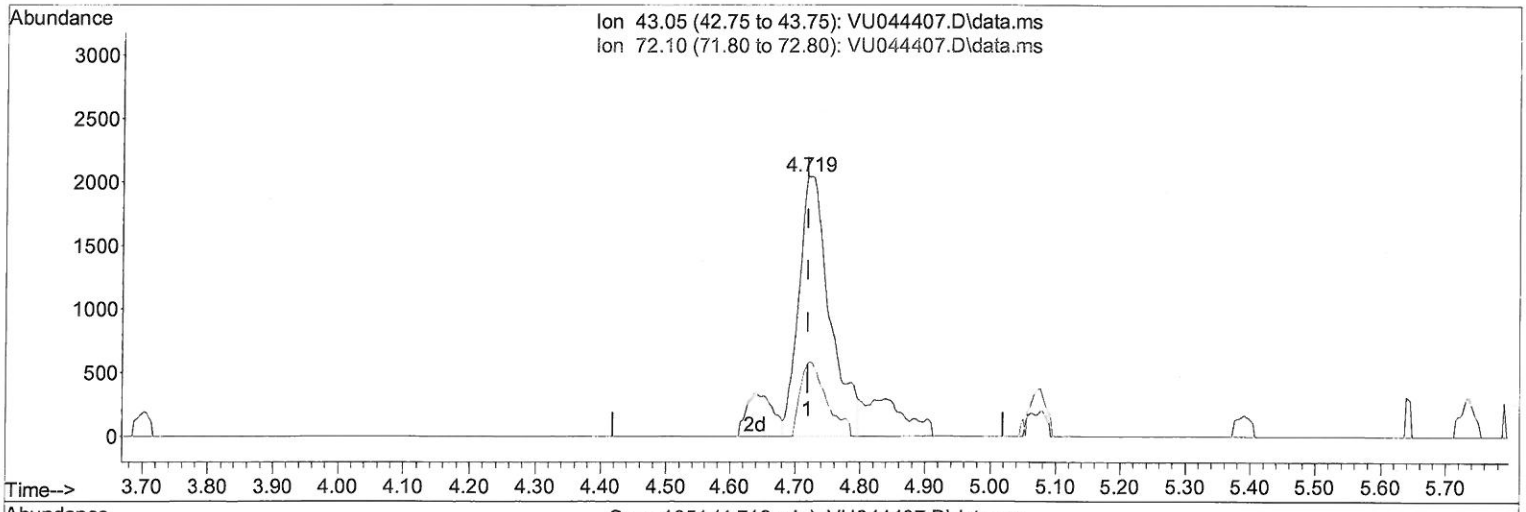
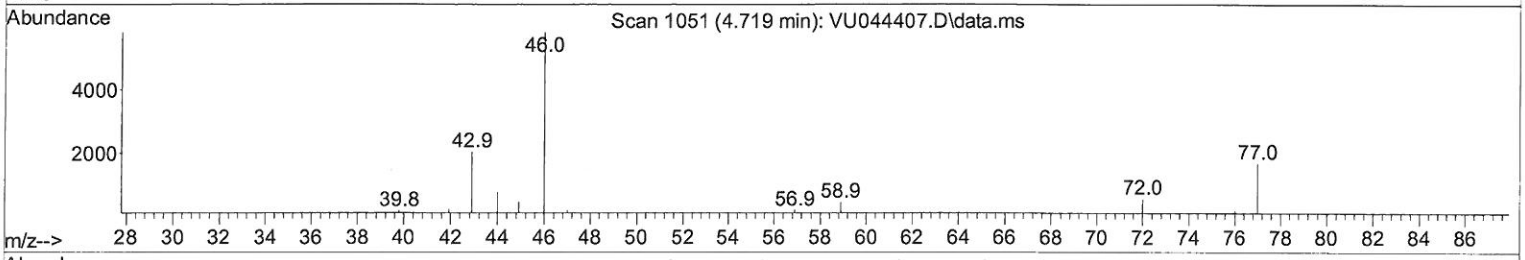
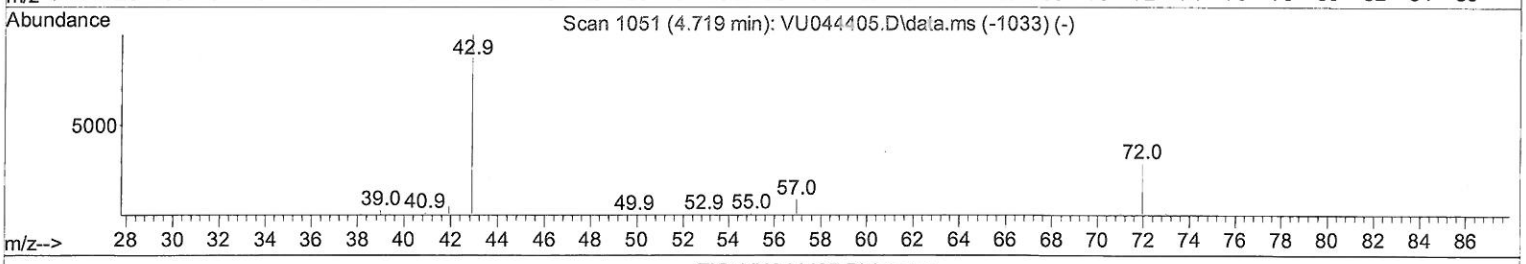
MSVOA_U
ClientSampleId :
MDL-WATER-QT4-2021-08

Manual Integrations APPROVED
MMDadoda
8/11/2021 8:59:27 AM







TIC: VU044407.D\data.ms

(21) 2-Butanone (T)

4.719min (+ 0.000) 1.90 ug/L m

response 6789

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	28.80	22.54
0.00	0.00	0.00
0.00	0.00	0.00

JMD 8/11/21

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MSVOA_U
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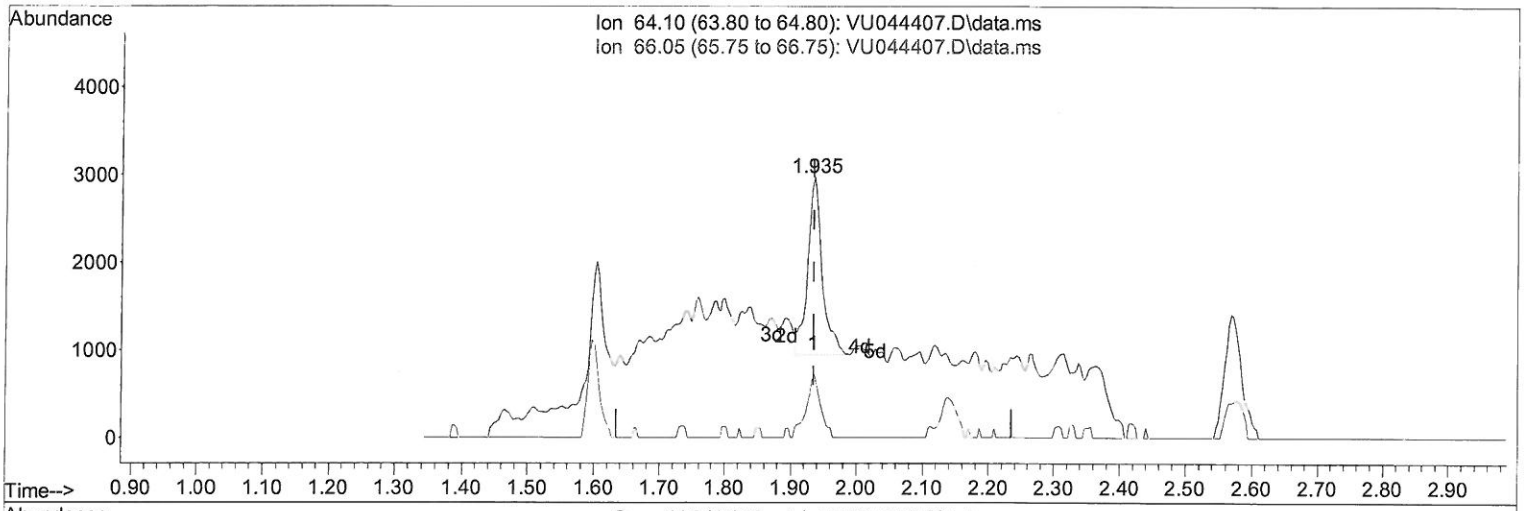

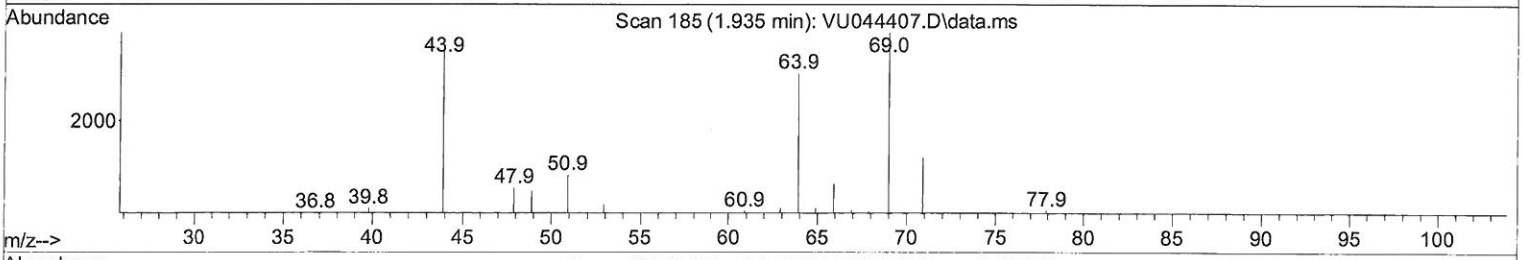

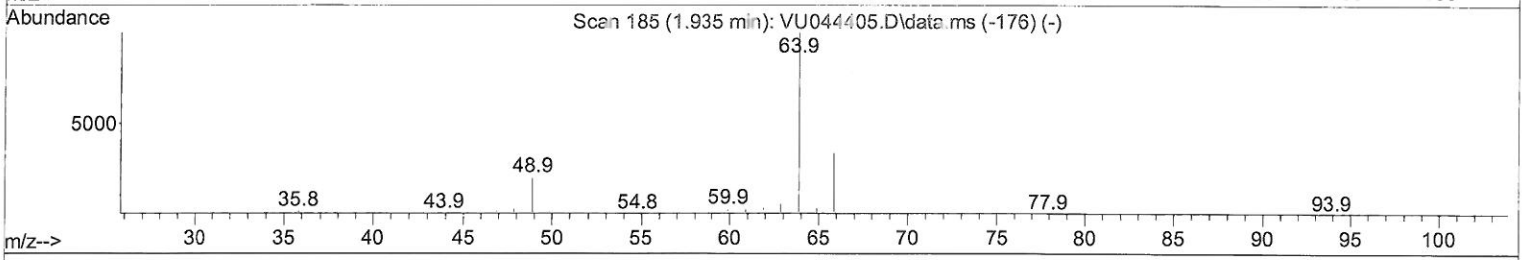

TIC: VU044407.D\data.ms

(8) Chloroethane (T)

1.935min (+ 0.000) 0.33 ug/L

response 3113

Ion	Exp%	Act%
64.10	100.00	100.00
66.05	32.30	24.15
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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MSVOA_U
ClientSampleId :
MDL-WATER-QT4-2021-08

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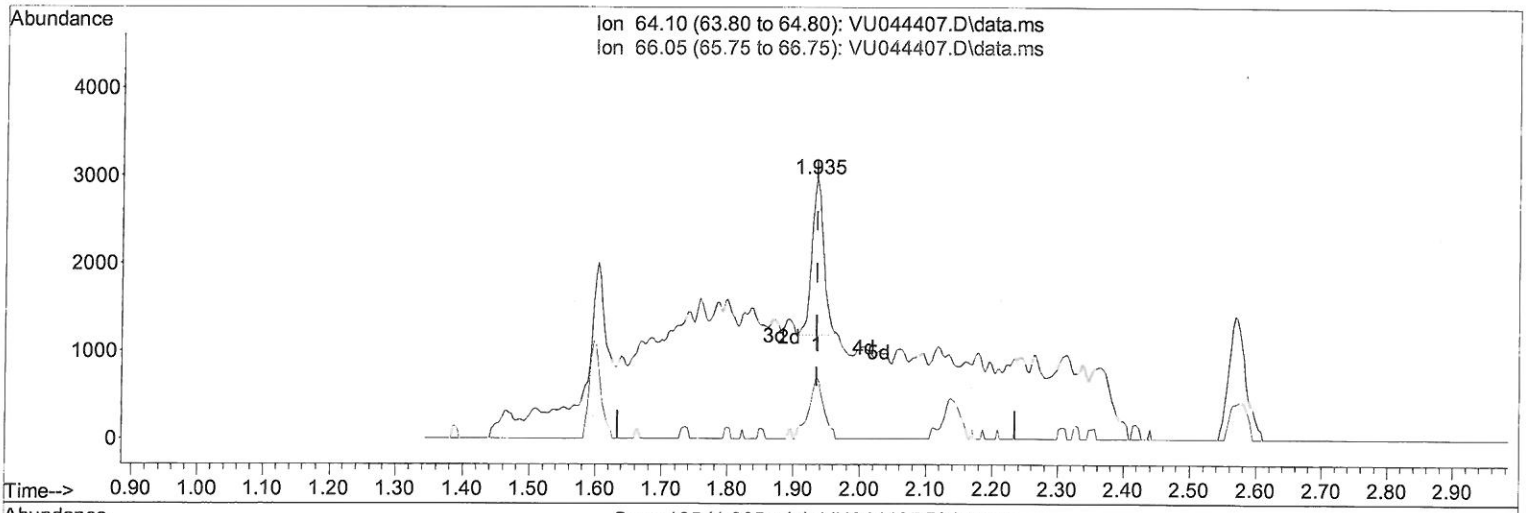

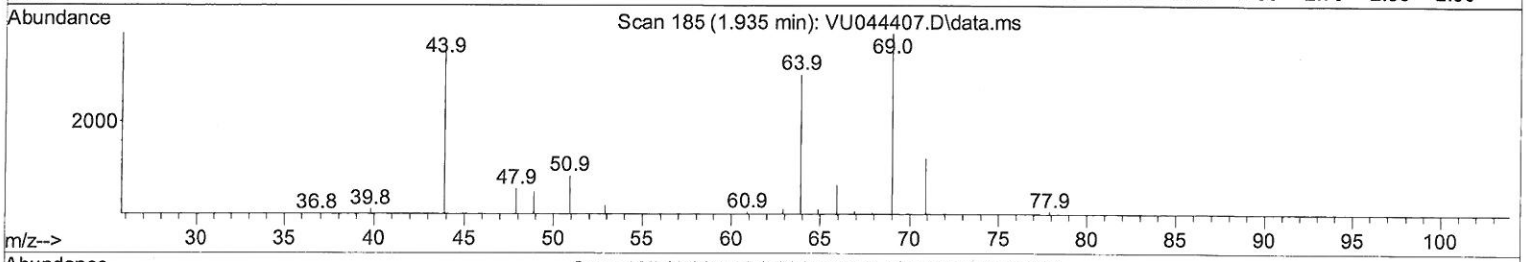

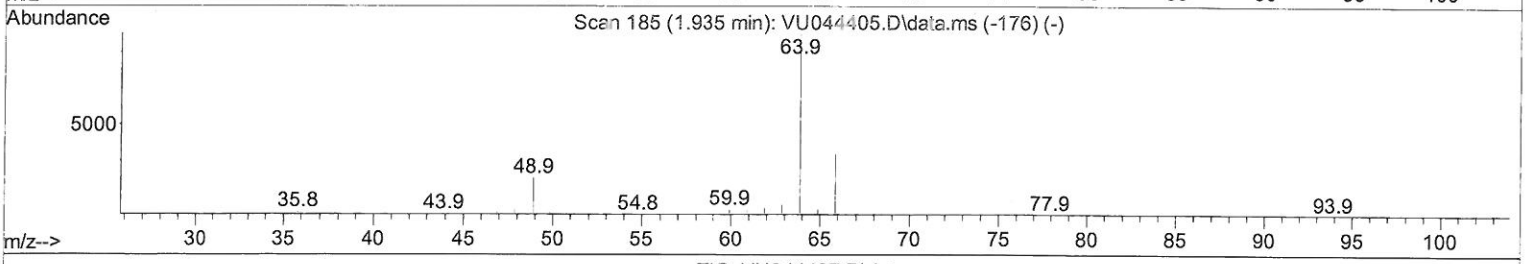

TIC: VU044407.D\data.ms

(8) Chloroethane (T)

1.935min (+ 0.000) 0.23 ug/L m

response 2165

Ion	Exp%	Act%
64.10	100.00	100.00
66.05	32.30	24.15
0.00	0.00	0.00
0.00	0.00	0.00

SMD 8/17/21

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	163017	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	162526	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	82149	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	48842	3.586	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 71.800%			
7) Chloroethane-d5	1.912	69	59519	5.090	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 101.800%			
11) 1,1-Dichloroethene-d2	2.568	65	23949	4.174	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 83.400%			
20) 2-Butanone-d5	4.639	46	168126m	41.626	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 83.260%			
24) Chloroform-d	5.070	84	118894	5.016	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.400%			
26) 1,2-Dichloroethane-d4	5.710	65	65164	4.925	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.600%			
32) Benzene-d6	5.735	84	247213	4.854	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.000%			
36) 1,2-Dichloropropane-d6	6.700	67	76893	4.859	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.200%			
41) Toluene-d8	7.906	98	214865	4.714	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.200%			
43) trans-1,3-Dichloroprop...	8.185	79	23466	3.809	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 76.200%			
46) 2-Hexanone-d5	8.642	63	150047	40.340	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 80.680%			
56) 1,1,2,2-Tetrachloroeth...	10.764	84	64511	4.559	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 91.200%			
66) 1,2-Dichlorobenzene-d4	12.201	152	85694	5.417	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 108.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	2809	0.192	ug/L	98
3) Chloromethane	1.520	50	3523	0.224	ug/L	92
5) Vinyl chloride	1.604	62	3497	0.212	ug/L #	44
6) Bromomethane	1.858	94	2263	0.244	ug/L	96
8) Chloroethane	1.935	64	2165m	0.227	ug/L	
9) Trichlorofluoromethane	2.141	101	4258	0.235	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	3095	0.283	ug/L #	83
12) 1,1-Dichloroethene	2.581	96	2590	0.242	ug/L #	1
13) Acetone	2.642	43	3348	1.741	ug/L	95
14) Carbon disulfide	2.793	76	5665	0.162	ug/L #	92
15) Methyl Acetate	2.967	43	1045	0.238	ug/L #	80
16) Methylene chloride	3.051	84	8680	0.608	ug/L	94
17) Methyl tert-butyl Ether	3.372	73	5926	0.202	ug/L	98
18) trans-1,2-Dichloroethene	3.356	96	2350	0.205	ug/L	86
19) 1,1-Dichloroethane	3.877	63	4301	0.208	ug/L	98
21) 2-Butanone	4.719	43	6789m	1.902	ug/L	
22) cis-1,2-Dichloroethene	4.674	96	2515	0.201	ug/L	80
23) Bromochloromethane	4.980	128	1185	0.219	ug/L #	70

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Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT4-2021-08

Manual Integrations APPROVED
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8/11/2021 8:59:27 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) Chloroform	5.096	83	6279	0.295	ug/L		91
27) 1,2-Dichloroethane	5.803	62	3086	0.222	ug/L		97
29) 1,1,1-Trichloroethane	5.321	97	3677	0.208	ug/L		98
30) Cyclohexane	5.398	56	3151	0.153	ug/L	#	80
31) Carbon tetrachloride	5.533	117	2970	0.201	ug/L		99
33) Benzene	5.784	78	10532	0.213	ug/L		100
34) Trichloroethene	6.549	95	2673	0.216	ug/L		96
35) Methylcyclohexane	6.771	83	4036	0.187	ug/L		92
37) 1,2-Dichloropropane	6.796	63	2642	0.210	ug/L	#	88
38) Bromodichloromethane	7.115	83	3342	0.219	ug/L		92
39) cis-1,3-Dichloropropene	7.616	75	3484	0.190	ug/L		96
40) 4-Methyl-2-pentanone	7.803	43	16023	1.812	ug/L	#	87
42) Toluene	7.976	91	13994	0.271	ug/L		99
44) trans-1,3-Dichloropropene	8.218	75	3141	0.201	ug/L	#	76
45) 1,1,2-Trichloroethane	8.411	97	1926	0.206	ug/L		95
47) Tetrachloroethene	8.558	164	2132	0.235	ug/L		83
48) 2-Hexanone	8.697	43	15598	2.439	ug/L		95
49) Dibromochloromethane	8.819	129	2048	0.205	ug/L		87
50) 1,2-Dibromoethane	8.931	107	1813	0.200	ug/L	#	87
51) Chlorobenzene	9.452	112	7200	0.225	ug/L		95
52) Ethylbenzene	9.578	91	10792	0.196	ug/L		98
53) m,p-Xylene	9.700	106	4193	0.197	ug/L		97
54) o-Xylene	10.108	106	3993	0.192	ug/L		96
55) Styrene	10.121	104	6211	0.175	ug/L		98
57) 1,1,2,2-Tetrachloroethane	10.787	83	2741	0.223	ug/L	#	97
59) Bromoform	10.298	173	974	0.187	ug/L	#	89
60) Isopropylbenzene	10.491	105	10567	0.201	ug/L		99
61) 1,2,3-Trichloropropane	10.832	75	1911	0.217	ug/L		96
62) 1,3,5-Trimethylbenzene	11.095	105	8301	0.189	ug/L		98
63) 1,2,4-Trimethylbenzene	11.475	105	8589	0.190	ug/L		99
64) 1,3-Dichlorobenzene	11.751	146	5369	0.223	ug/L		95
65) 1,4-Dichlorobenzene	11.845	146	5740	0.234	ug/L		96
67) 1,2-Dichlorobenzene	12.221	146	5746	0.248	ug/L		97
68) 1,2-Dibromo-3-chloropr...	13.008	75	273	0.143	ug/L		94
69) 1,3,5-Trichlorobenzene	13.227	180	4481	0.249	ug/L		97
70) 1,2,4-trichlorobenzene	13.848	180	3435	0.226	ug/L		97
71) Naphthalene	14.095	128	5670	0.190	ug/L		96
72) 1,2,3-Trichlorobenzene	14.336	180	3118	0.226	ug/L		95

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