

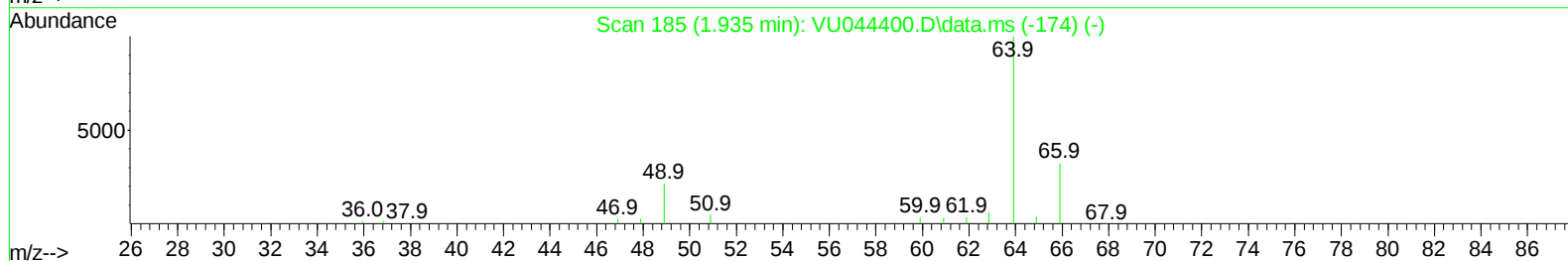
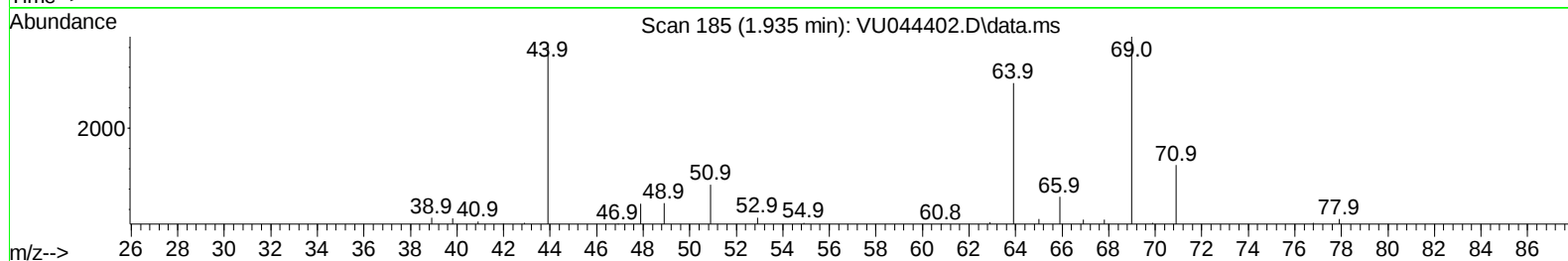
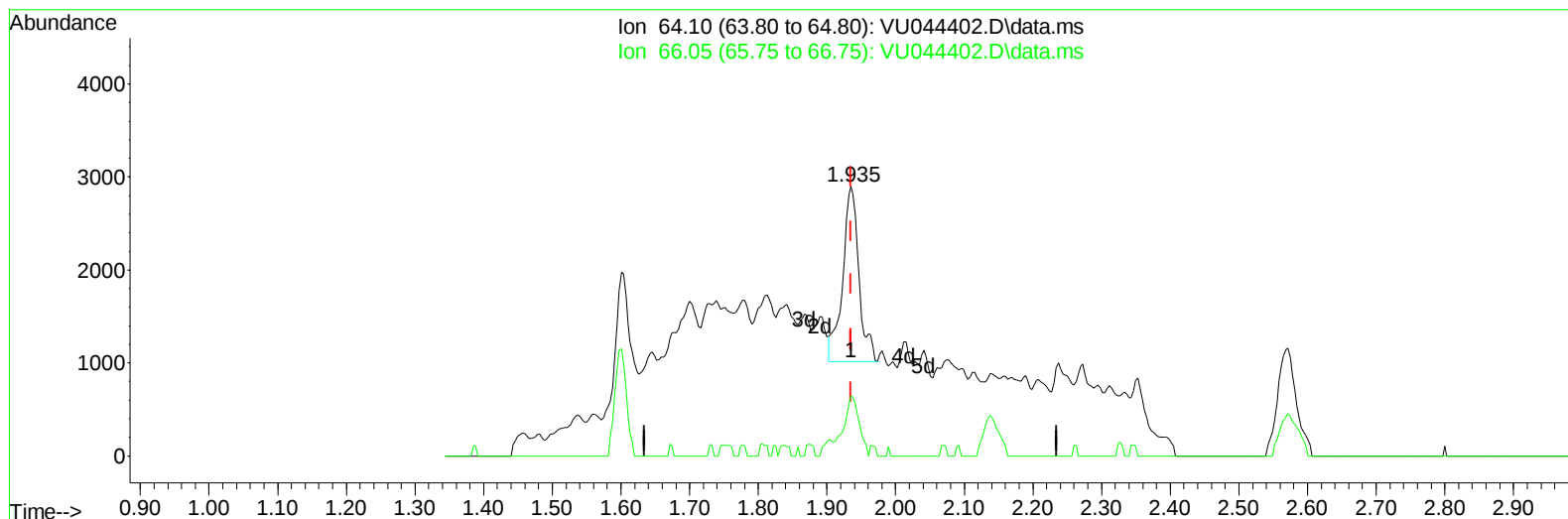
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080921\
Data File : VU044402.D
Acq On : 09 Aug 2021 14:06
Operator : SY/MD
Sample : M3263-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT4-2021-07

Manual Integrations
APPROVED

MMDadoda
8/10/2021 11:44:28 AM

Quant Time: Aug 10 02:38:54 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072321WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Aug 10 02:08:42 2021
Response via : Initial Calibration



TIC: VU044402.D\data.ms

(8) Chloroethane (T)

1.935min (+ 0.000) 0.33 ug/L

response 3117

Ion	Exp%	Act%
64.10	100.00	100.00
66.05	32.30	22.26#
0.00	0.00	0.00
0.00	0.00	0.00

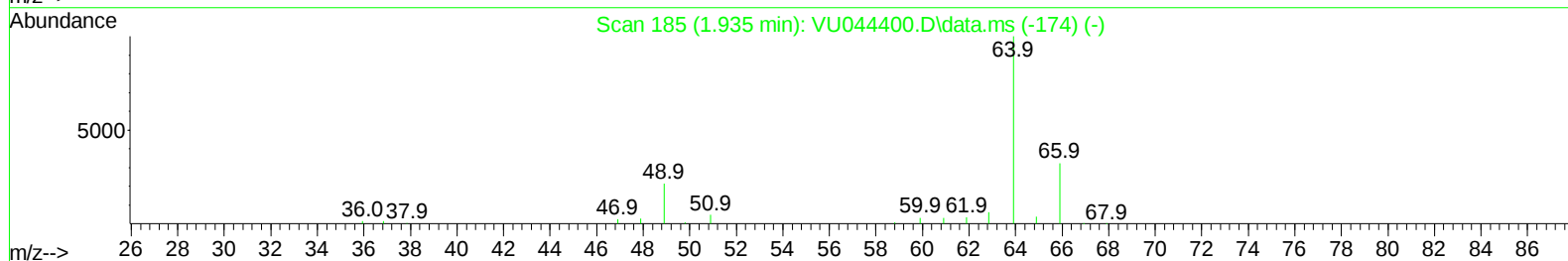
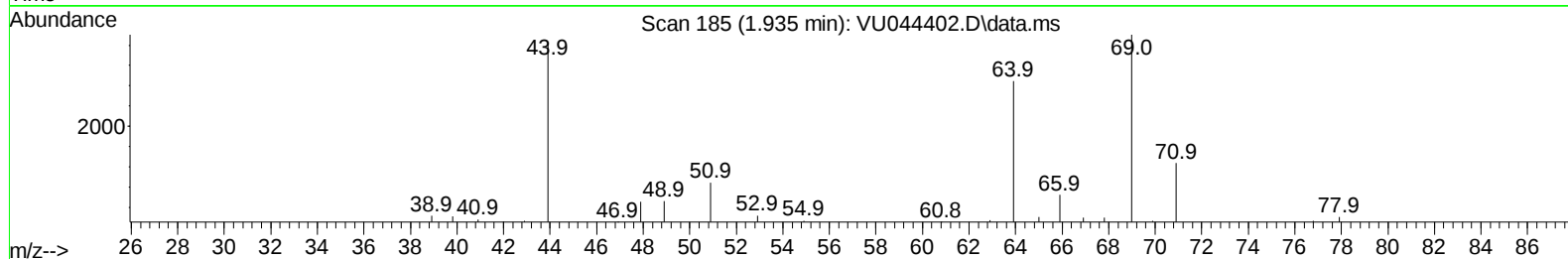
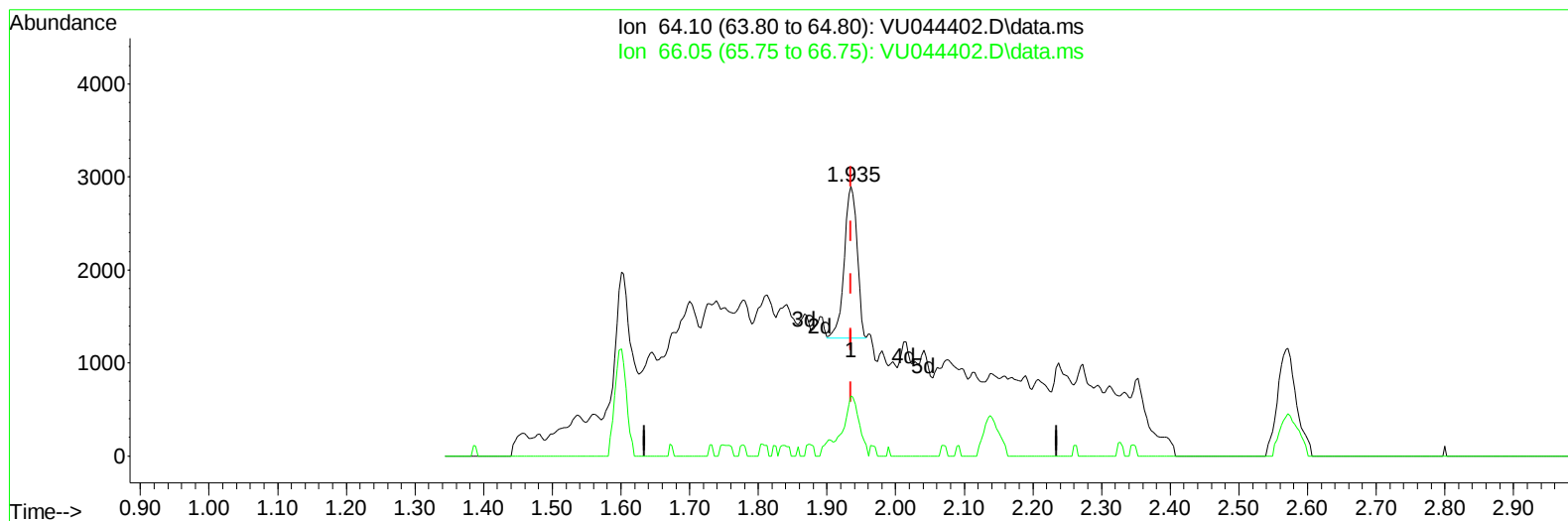
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080921\
 Data File : VU044402.D
 Acq On : 09 Aug 2021 14:06
 Operator : SY/MD
 Sample : M3263-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT4-2021-07

Manual Integrations
 APPROVED

MMDadoda
 8/10/2021 11:44:28 AM

Quant Time: Aug 10 02:38:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 10 02:08:42 2021
 Response via : Initial Calibration



TIC: VU044402.D\data.ms

(8) Chloroethane (T)

1.935min (+ 0.000) 0.23 ug/L m

response 2136

Ion	Exp%	Act%
64.10	100.00	100.00
66.05	32.30	22.26#
0.00	0.00	0.00
0.00	0.00	0.00

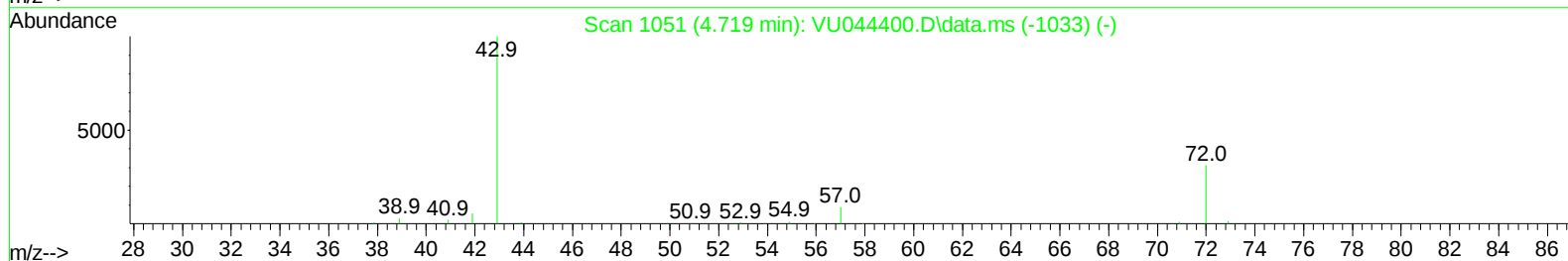
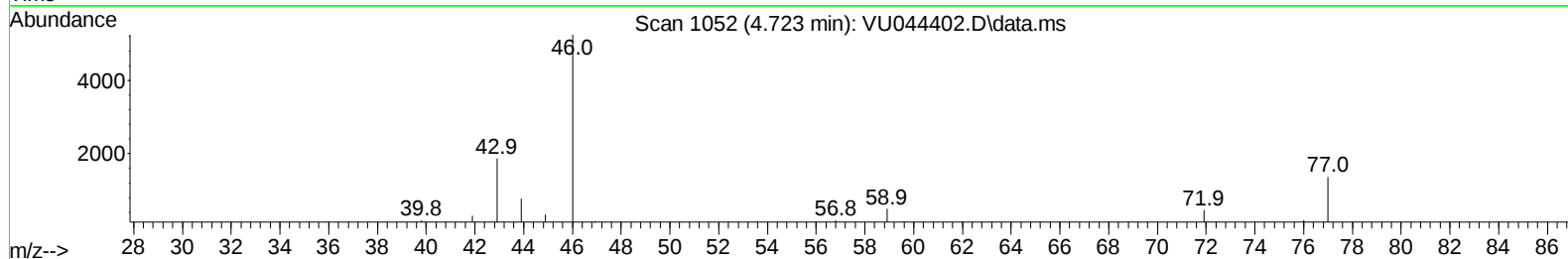
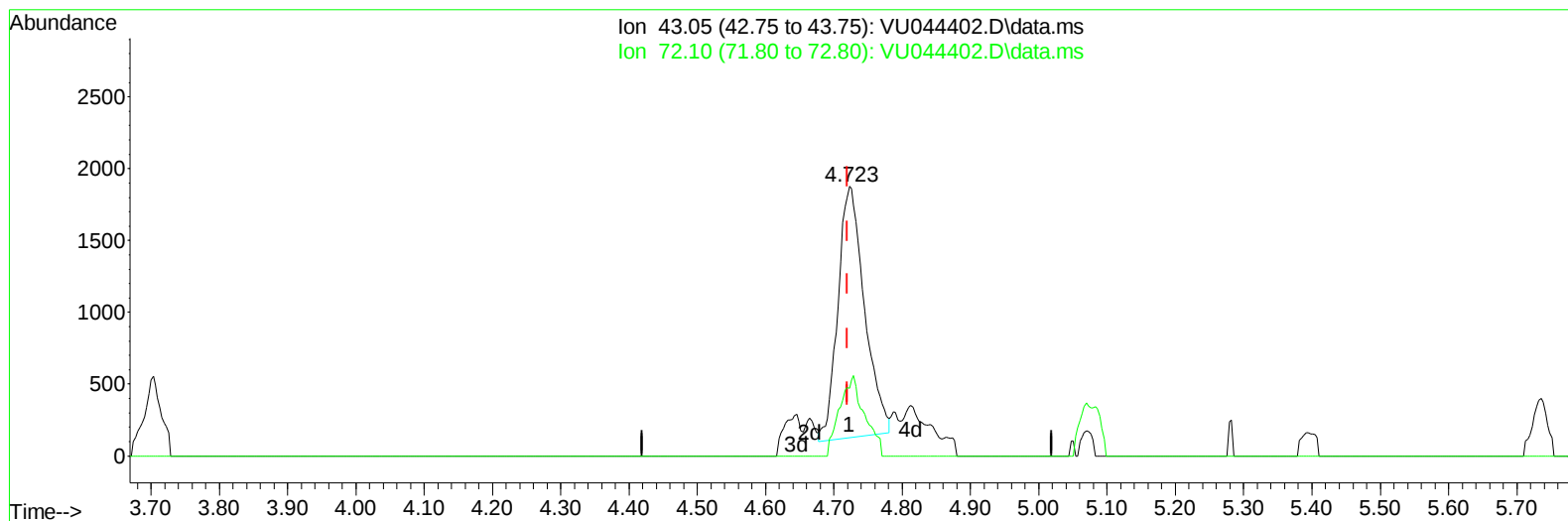
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080921\
Data File : VU044402.D
Acq On : 09 Aug 2021 14:06
Operator : SY/MD
Sample : M3263-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT4-2021-07

Manual Integrations
APPROVED

MMDadoda
8/10/2021 11:44:28 AM

Quant Time: Aug 10 02:38:54 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072321WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Aug 10 02:08:42 2021
Response via : Initial Calibration



TIC: VU044402.D\data.ms

(21) 2-Butanone (T)

4.723min (+ 0.003) 1.35 ug/L

response 4722

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	28.80	29.80
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080921\
 Data File : VU044402.D
 Acq On : 09 Aug 2021 14:06
 Operator : SY/MD
 Sample : M3263-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT4-2021-07

Manual Integrations
 APPROVED

MMDadoda
 8/10/2021 11:44:28 AM

Quant Time: Aug 10 02:38:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 10 02:08:42 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	159510	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	159256	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	78428	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	48476	3.637	ug/L	0.00
Spiked Amount 5.000	Range 40	- 130	Recovery	=	72.800%	
7) Chloroethane-d5	1.916	69	58597	5.121	ug/L	0.00
Spiked Amount 5.000	Range 65	- 130	Recovery	=	102.400%	
11) 1,1-Dichloroethene-d2	2.568	65	23176	4.128	ug/L	0.00
Spiked Amount 5.000	Range 60	- 125	Recovery	=	82.600%	
20) 2-Butanone-d5	4.639	46	139506	35.300	ug/L	0.00
Spiked Amount 50.000	Range 40	- 130	Recovery	=	70.600%	
24) Chloroform-d	5.070	84	112178	4.837	ug/L	0.00
Spiked Amount 5.000	Range 70	- 125	Recovery	=	96.800%	
26) 1,2-Dichloroethane-d4	5.710	65	59431	4.590	ug/L	0.00
Spiked Amount 5.000	Range 70	- 130	Recovery	=	91.800%	
32) Benzene-d6	5.735	84	234839	4.706	ug/L	0.00
Spiked Amount 5.000	Range 70	- 125	Recovery	=	94.200%	
36) 1,2-Dichloropropane-d6	6.697	67	72925	4.703	ug/L	0.00
Spiked Amount 5.000	Range 60	- 140	Recovery	=	94.000%	
41) Toluene-d8	7.906	98	205343	4.597	ug/L	0.00
Spiked Amount 5.000	Range 70	- 130	Recovery	=	92.000%	
43) trans-1,3-Dichloroprop...	8.189	79	21853	3.620	ug/L	0.00
Spiked Amount 5.000	Range 55	- 130	Recovery	=	72.400%	
46) 2-Hexanone-d5	8.642	63	122511	33.613	ug/L	0.00
Spiked Amount 50.000	Range 45	- 130	Recovery	=	67.220%	
56) 1,1,2,2-Tetrachloroeth...	10.764	84	56202	4.053	ug/L	0.00
Spiked Amount 5.000	Range 65	- 120	Recovery	=	81.000%	
66) 1,2-Dichlorobenzene-d4	12.201	152	78628	5.206	ug/L	0.00
Spiked Amount 5.000	Range 80	- 120	Recovery	=	104.200%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	2963	0.207	ug/L #	87
3) Chloromethane	1.520	50	3581	0.233	ug/L	95
5) Vinyl chloride	1.604	62	3560	0.221	ug/L #	51
6) Bromomethane	1.858	94	2031	0.224	ug/L	94
8) Chloroethane	1.935	64	2136m	0.229	ug/L	
9) Trichlorofluoromethane	2.141	101	3990	0.225	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	3275	0.306	ug/L #	83
12) 1,1-Dichloroethene	2.581	96	2488	0.237	ug/L #	1
13) Acetone	2.645	43	3195	1.698	ug/L	93
14) Carbon disulfide	2.793	76	5510	0.161	ug/L	96
15) Methyl Acetate	2.970	43	829	0.193	ug/L #	90
16) Methylene chloride	3.051	84	11887	0.851	ug/L	95
17) Methyl tert-butyl Ether	3.372	73	5460	0.190	ug/L	94
18) trans-1,2-Dichloroethene	3.362	96	2405	0.215	ug/L	82
19) 1,1-Dichloroethane	3.877	63	4173	0.207	ug/L	98
21) 2-Butanone	4.723	43	5531m	1.583	ug/L	
22) cis-1,2-Dichloroethene	4.678	96	2805	0.229	ug/L	91
23) Bromochloromethane	4.983	128	1066	0.201	ug/L #	78

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080921\
 Data File : VU044402.D
 Acq On : 09 Aug 2021 14:06
 Operator : SY/MD
 Sample : M3263-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT4-2021-07

Manual Integrations
 APPROVED

MMDadoda
 8/10/2021 11:44:28 AM

Quant Time: Aug 10 02:38:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 10 02:08:42 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Chloroform	5.099	83	6298	0.303	ug/L	95
27) 1,2-Dichloroethane	5.800	62	2942	0.216	ug/L	98
29) 1,1,1-Trichloroethane	5.324	97	3585	0.207	ug/L	98
30) Cyclohexane	5.398	56	3345	0.166	ug/L	88
31) Carbon tetrachloride	5.533	117	3118	0.216	ug/L	98
33) Benzene	5.780	78	10384	0.214	ug/L	100
34) Trichloroethene	6.549	95	2437	0.201	ug/L	83
35) Methylcyclohexane	6.771	83	4067	0.192	ug/L	94
37) 1,2-Dichloropropane	6.800	63	2338	0.189	ug/L #	93
38) Bromodichloromethane	7.115	83	3431	0.229	ug/L	92
39) cis-1,3-Dichloropropene	7.613	75	3394	0.189	ug/L	100
40) 4-Methyl-2-pentanone	7.803	43	13806	1.593	ug/L #	88
42) Toluene	7.976	91	13122	0.259	ug/L	98
44) trans-1,3-Dichloropropene	8.218	75	3833	0.251	ug/L	87
45) 1,1,2-Trichloroethane	8.410	97	1878	0.205	ug/L	88
47) Tetrachloroethene	8.562	164	2026	0.228	ug/L	92
48) 2-Hexanone	8.697	43	14278	2.279	ug/L	99
49) Dibromochloromethane	8.816	129	2113	0.216	ug/L	86
50) 1,2-Dibromoethane	8.931	107	1701	0.191	ug/L #	97
51) Chlorobenzene	9.452	112	7104	0.226	ug/L	94
52) Ethylbenzene	9.574	91	11021	0.204	ug/L	99
53) m,p-Xylene	9.700	106	4095	0.196	ug/L	85
54) o-Xylene	10.108	106	4021	0.198	ug/L	100
55) Styrene	10.121	104	6429	0.185	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.790	83	2456	0.204	ug/L #	82
59) Bromoform	10.298	173	986	0.198	ug/L #	97
60) Isopropylbenzene	10.491	105	10699	0.213	ug/L	99
61) 1,2,3-Trichloropropane	10.828	75	1626	0.193	ug/L	100
62) 1,3,5-Trimethylbenzene	11.095	105	8230	0.196	ug/L	99
63) 1,2,4-Trimethylbenzene	11.475	105	8481	0.197	ug/L	99
64) 1,3-Dichlorobenzene	11.754	146	5450	0.237	ug/L	95
65) 1,4-Dichlorobenzene	11.841	146	5514	0.235	ug/L	99
67) 1,2-Dichlorobenzene	12.221	146	5174	0.234	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.008	75	251	0.138	ug/L	94
69) 1,3,5-Trichlorobenzene	13.227	180	4252	0.248	ug/L	96
70) 1,2,4-trichlorobenzene	13.851	180	3142	0.216	ug/L	93
71) Naphthalene	14.095	128	5411	0.190	ug/L #	91
72) 1,2,3-Trichlorobenzene	14.339	180	3121	0.237	ug/L	93

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080921\
 Data File : VU044402.D
 Acq On : 09 Aug 2021 14:06
 Operator : SY/MD
 Sample : M3263-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT4-2021-07

Manual Integrations
 APPROVED

MMDadoda
 8/10/2021 11:44:28 AM

Quant Time: Aug 10 02:38:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 10 02:08:42 2021
 Response via : Initial Calibration

