

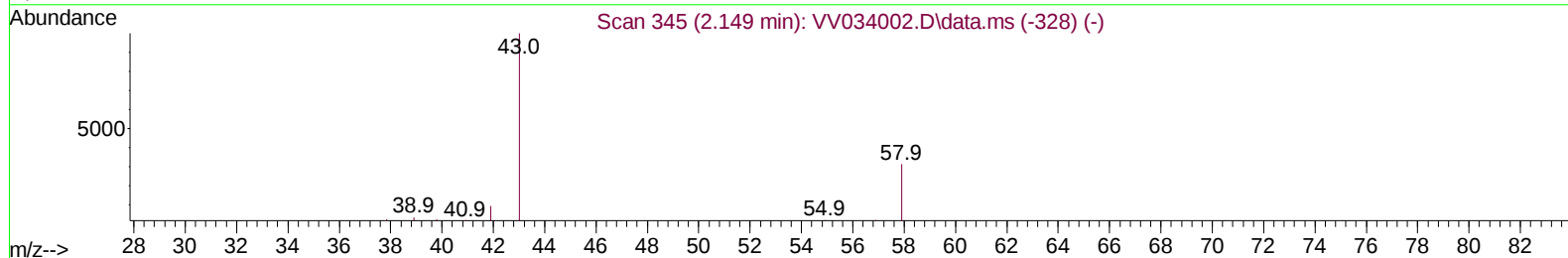
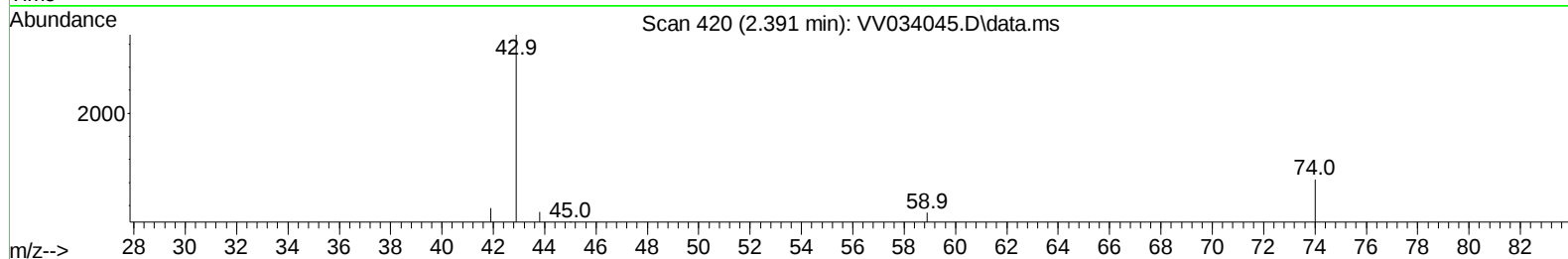
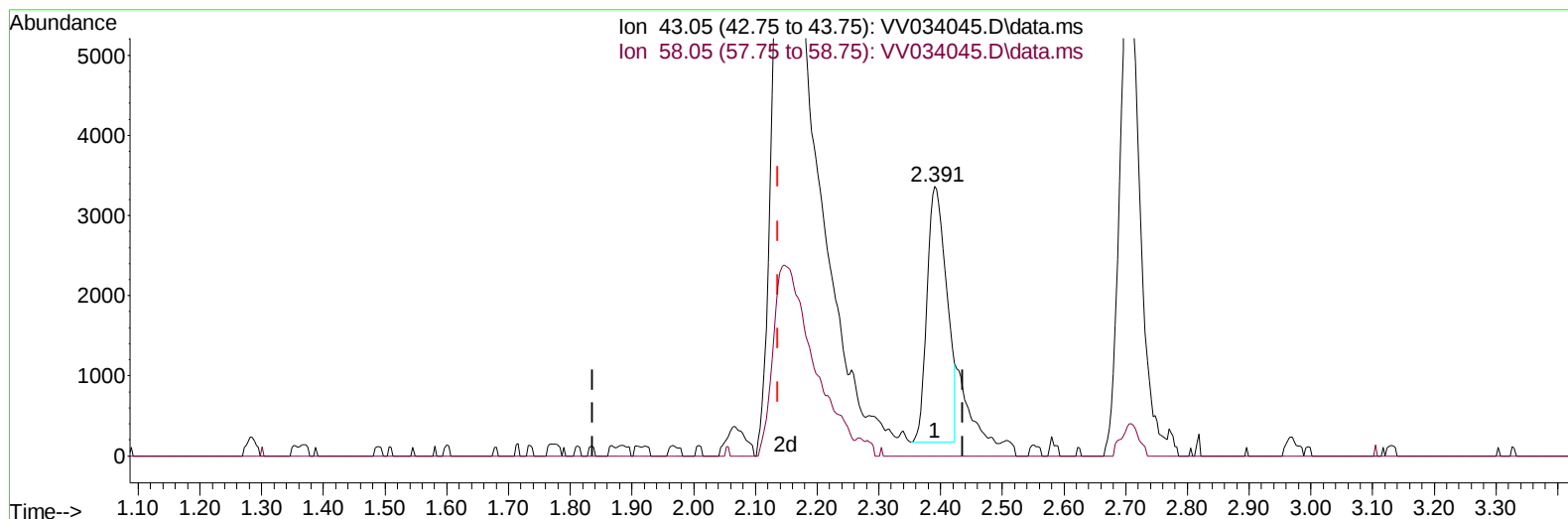
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020824\
 Data File : VV034045.D
 Acq On : 08 Feb 2024 08:58
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 LabSampleId :
 VSTDCCC005

Manual IntegrationsAPPROVED

Quant Time: Feb 09 00:33:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Feb 08 04:46:29 2024
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 02/09/2024
 Supervised By :Mahesh Dadoda 02/09/2024



TIC: VV034045.D\data.ms

(13) Acetone (T)

2.391min (+ 0.254) 8.15 ug/L

response 7075

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	6.90	4.59
0.00	0.00	0.00
0.00	0.00	0.00

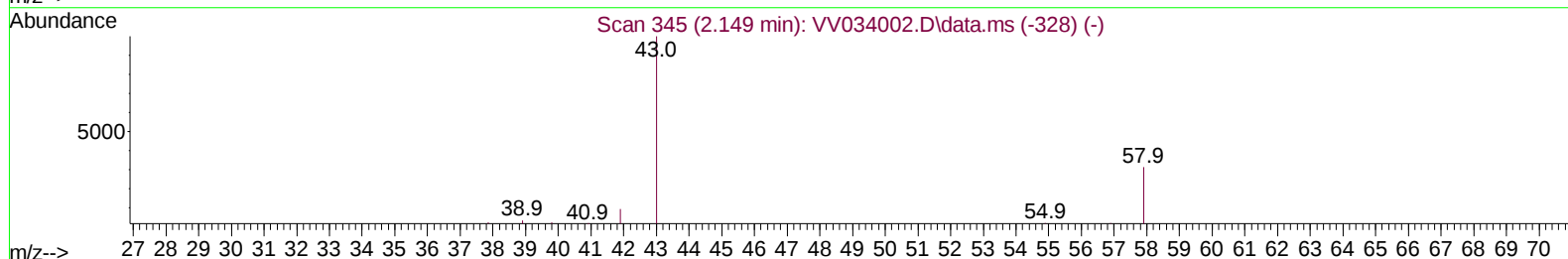
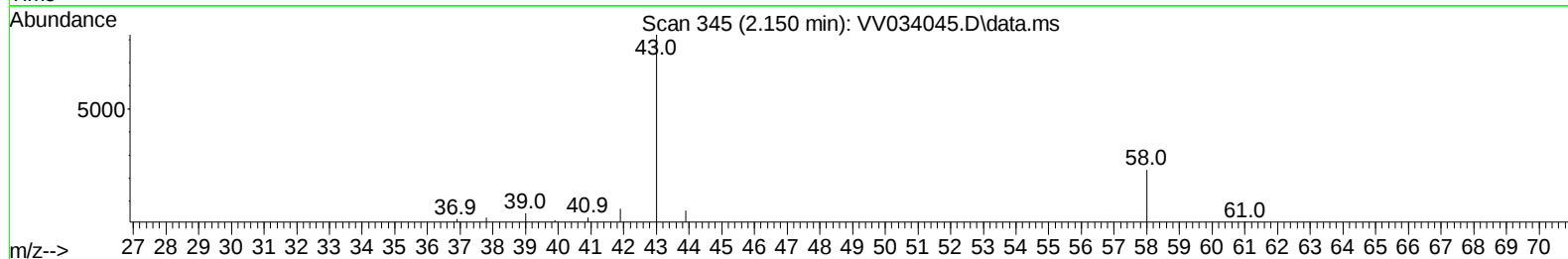
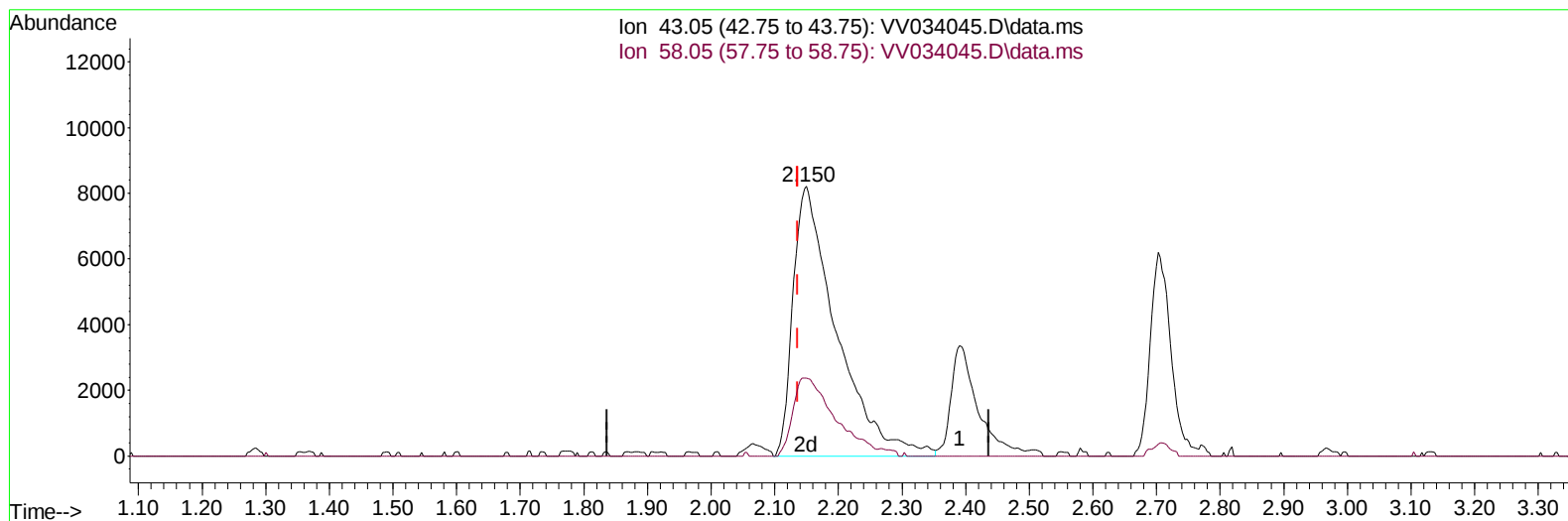
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(13) Acetone (T)

2.150min (+ 0.013) 44.64 ug/L m

response 38764

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	6.90	0.84
0.00	0.00	0.00
0.00	0.00	0.00

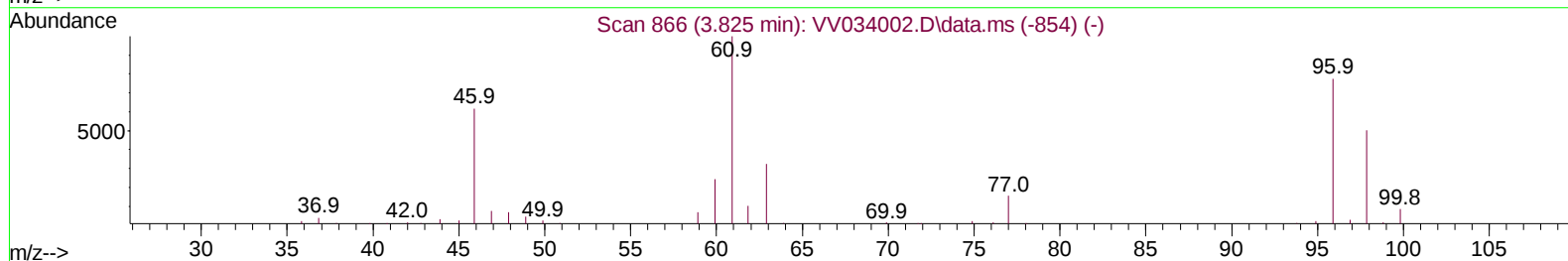
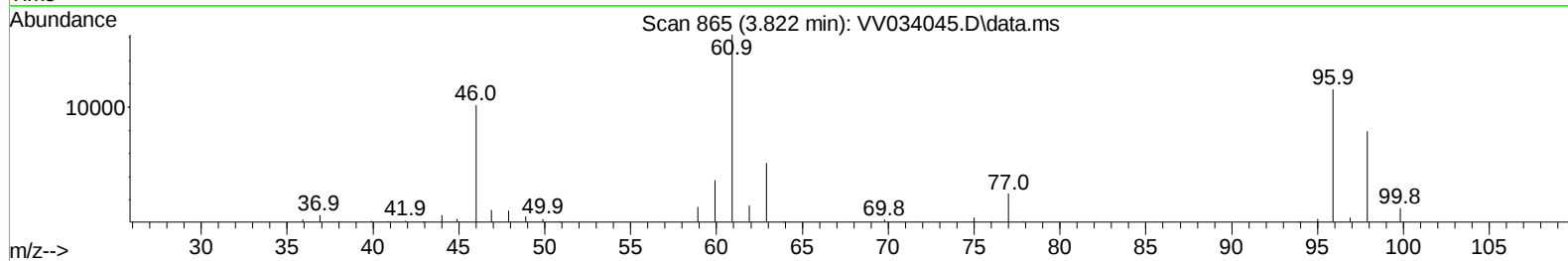
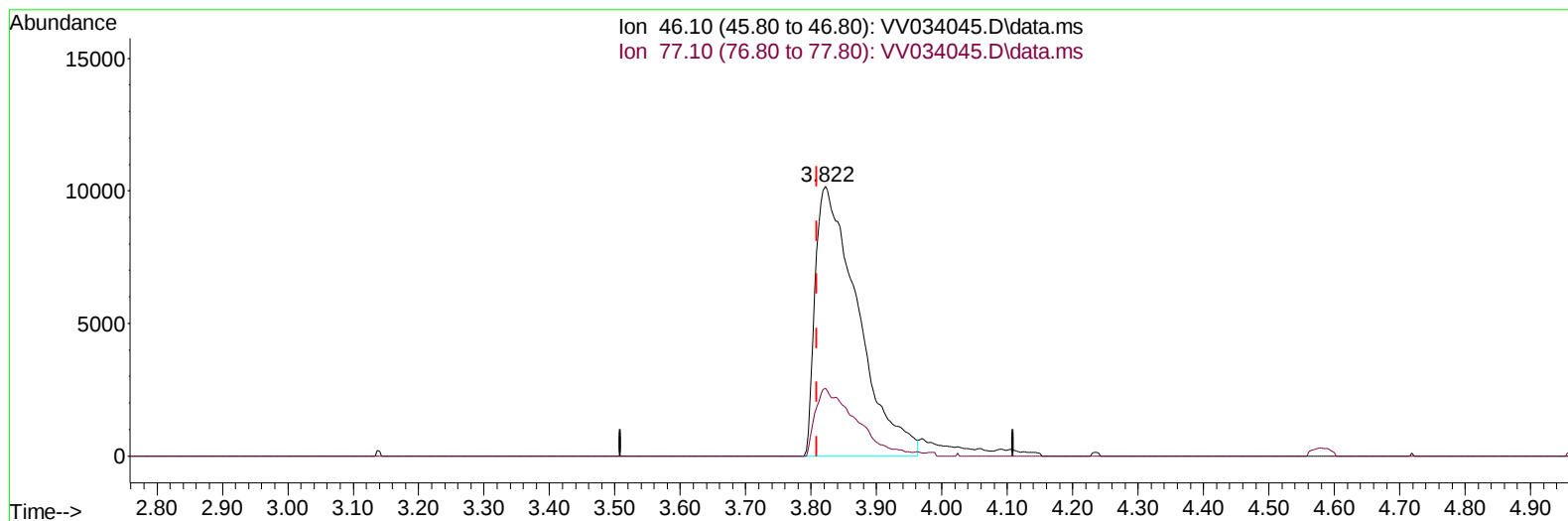
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TIC: VV034045.D\data.ms

(20) 2-Butanone-d5 (S)

3.822min (+ 0.013) 39.98 ug/L

response 45767

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	22.80	24.11
0.00	0.00	0.00
0.00	0.00	0.00

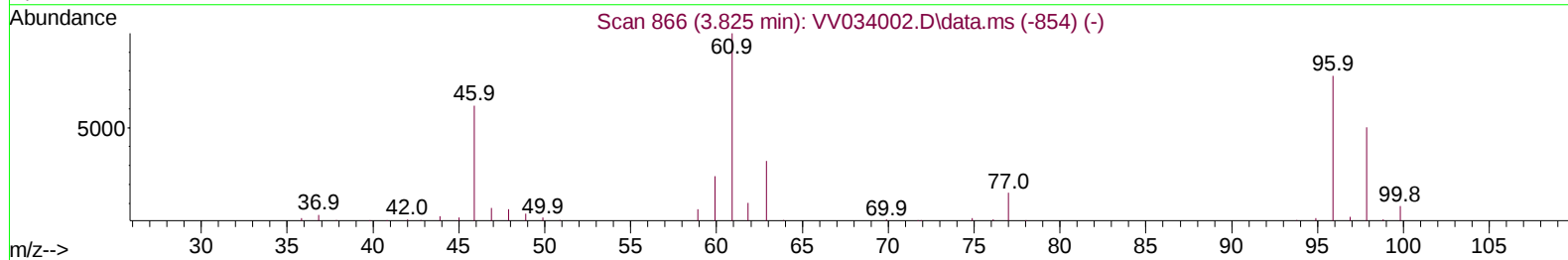
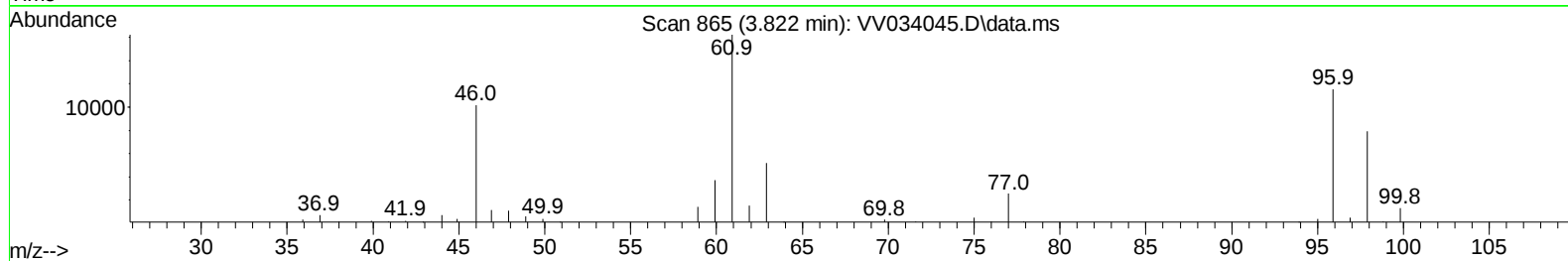
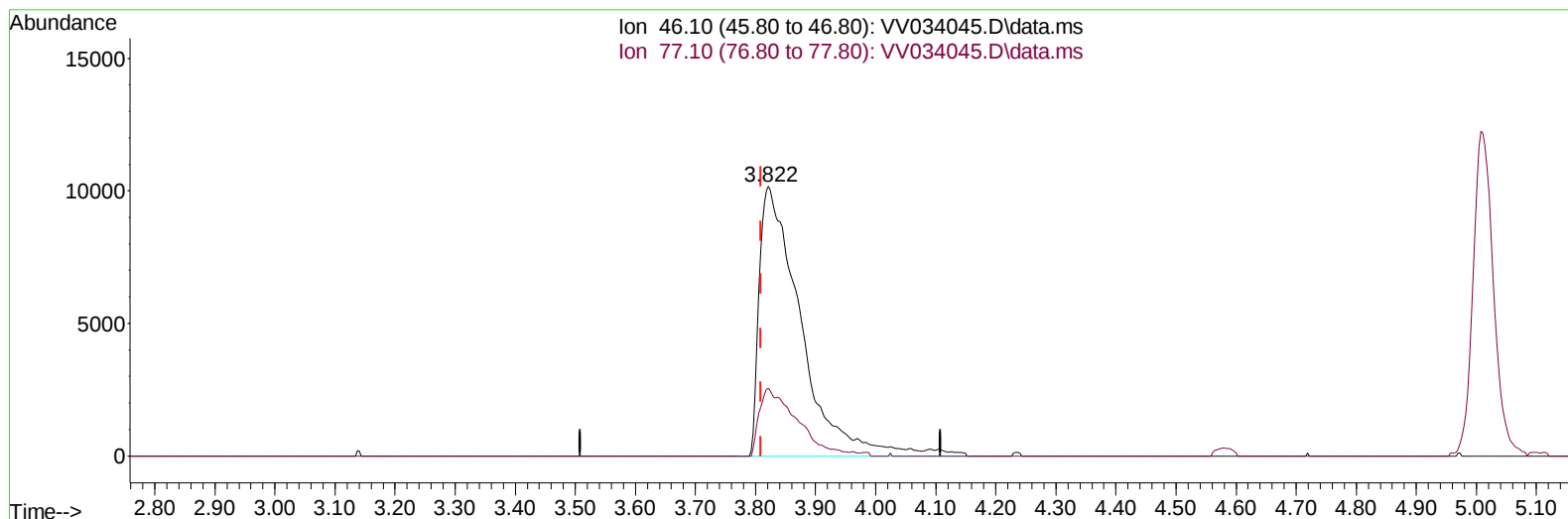
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TIC: VV034045.D\data.ms

(20) 2-Butanone-d5 (S)

3.822min (+ 0.013) 42.78 ug/L m

response 48965

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	22.80	22.54
0.00	0.00	0.00
0.00	0.00	0.00

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	88002	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	80238	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	41237	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	32819	4.815	ug/L	0.00
Spiked Amount 5.000	Range 40	- 130	Recovery	=	96.400%	
7) Chloroethane-d5	1.535	69	27153	4.548	ug/L	0.00
Spiked Amount 5.000	Range 65	- 130	Recovery	=	91.000%	
11) 1,1-Dichloroethene-d2	2.060	65	15414	4.690	ug/L	0.00
Spiked Amount 5.000	Range 60	- 125	Recovery	=	93.800%	
20) 2-Butanone-d5	3.822	46	48965m	42.777	ug/L	0.01
Spiked Amount 50.000	Range 40	- 130	Recovery	=	85.560%	
24) Chloroform-d	4.252	84	55845	4.509	ug/L	0.00
Spiked Amount 5.000	Range 70	- 125	Recovery	=	90.200%	
26) 1,2-Dichloroethane-d4	4.947	65	25654	4.433	ug/L	0.00
Spiked Amount 5.000	Range 70	- 130	Recovery	=	88.600%	
32) Benzene-d6	4.960	84	105103	4.366	ug/L	0.00
Spiked Amount 5.000	Range 70	- 125	Recovery	=	87.400%	
36) 1,2-Dichloropropane-d6	5.989	67	28427	4.224	ug/L	0.00
Spiked Amount 5.000	Range 60	- 140	Recovery	=	84.400%	
41) Toluene-d8	7.243	98	98697	4.461	ug/L	0.00
Spiked Amount 5.000	Range 70	- 130	Recovery	=	89.200%	
43) trans-1,3-Dichloroprop...	7.555	79	11336	4.461	ug/L	0.00
Spiked Amount 5.000	Range 55	- 130	Recovery	=	89.200%	
46) 2-Hexanone-d5	8.027	63	34887	38.461	ug/L	0.00
Spiked Amount 50.000	Range 45	- 130	Recovery	=	76.920%	
56) 1,1,2,2-Tetrachloroeth...	10.156	84	16202	3.971	ug/L	0.00
Spiked Amount 5.000	Range 65	- 120	Recovery	=	79.400%	
66) 1,2-Dichlorobenzene-d4	11.561	152	32155	4.288	ug/L	0.00
Spiked Amount 5.000	Range 80	- 120	Recovery	=	85.800%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	39332	4.877	ug/L	100
3) Chloromethane	1.217	50	40637	4.620	ug/L	98
5) Vinyl chloride	1.285	62	39398	4.687	ug/L	89
6) Bromomethane	1.490	94	21922	4.952	ug/L	99
8) Chloroethane	1.552	64	25969	4.529	ug/L	98
9) Trichlorofluoromethane	1.716	101	63827	5.269	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	32642	5.155	ug/L	99
12) 1,1-Dichloroethene	2.069	96	30587	4.975	ug/L	94
13) Acetone	2.150	43	38764m	44.639	ug/L	
14) Carbon disulfide	2.243	76	87405	4.394	ug/L	98
15) Methyl Acetate	2.391	43	8515	4.143	ug/L	99
16) Methylene chloride	2.449	84	27810	4.715	ug/L	97
17) Methyl tert-butyl Ether	2.706	73	60854	4.818	ug/L	97
18) trans-1,2-Dichloroethene	2.696	96	28836	4.605	ug/L	98
19) 1,1-Dichloroethane	3.111	63	57068	4.960	ug/L	98
21) 2-Butanone	3.902	43	52684	45.910	ug/L	97
22) cis-1,2-Dichloroethene	3.815	96	31017	4.366	ug/L	89
23) Bromochloromethane	4.153	128	12274	4.970	ug/L	90

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Reviewed By :Semsettin Yesilyurt 02/09/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Chloroform	4.278	83	57923	4.980	ug/L	100
27) 1,2-Dichloroethane	5.047	62	33375	5.011	ug/L	100
29) 1,1,1-Trichloroethane	4.510	97	55906	5.190	ug/L	99
30) Cyclohexane	4.580	56	49141	4.691	ug/L	97
31) Carbon tetrachloride	4.735	117	49204	5.220	ug/L	100
33) Benzene	5.011	78	117204	4.870	ug/L	100
34) Trichloroethene	5.834	95	31888	4.578	ug/L	96
35) Methylcyclohexane	6.050	83	52048	4.761	ug/L	97
37) 1,2-Dichloropropane	6.095	63	27778	4.765	ug/L	100
38) Bromodichloromethane	6.432	83	37909	4.954	ug/L #	98
39) cis-1,3-Dichloropropene	6.956	75	40857	4.606	ug/L	100
40) 4-Methyl-2-pentanone	7.159	43	127693	45.743	ug/L	99
42) Toluene	7.313	91	131038	5.095	ug/L	95
44) trans-1,3-Dichloropropene	7.583	75	34194	5.021	ug/L	100
45) 1,1,2-Trichloroethane	7.770	97	16557	4.600	ug/L	96
47) Tetrachloroethene	7.905	164	26504	4.683	ug/L	96
48) 2-Hexanone	8.079	43	88694	45.074	ug/L	99
49) Dibromochloromethane	8.178	129	21130	4.940	ug/L	97
50) 1,2-Dibromoethane	8.284	107	15994	4.950	ug/L #	97
51) Chlorobenzene	8.815	112	81149	4.990	ug/L	98
52) Ethylbenzene	8.947	91	148738	5.024	ug/L	100
53) m,p-Xylene	9.072	106	55901	4.997	ug/L	97
54) o-Xylene	9.477	106	53038	4.916	ug/L	99
55) Styrene	9.497	104	88536	5.125	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.178	83	18491	4.867	ug/L	100
59) Bromoform	9.667	173	10960	4.825	ug/L	99
60) Isopropylbenzene	9.866	105	151994	4.981	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	12901	4.551	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	127156	4.929	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	122920	4.904	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	66332	4.986	ug/L	97
65) 1,4-Dichlorobenzene	11.210	146	64085	4.865	ug/L	97
67) 1,2-Dichlorobenzene	11.580	146	56316	4.929	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.365	75	2850	4.797	ug/L	97
69) 1,3,5-Trichlorobenzene	12.583	180	52617	5.110	ug/L	98
70) 1,2,4-trichlorobenzene	13.197	180	40223	5.004	ug/L	98
71) Naphthalene	13.442	128	48836	4.637	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	31787	4.936	ug/L	99

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

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