

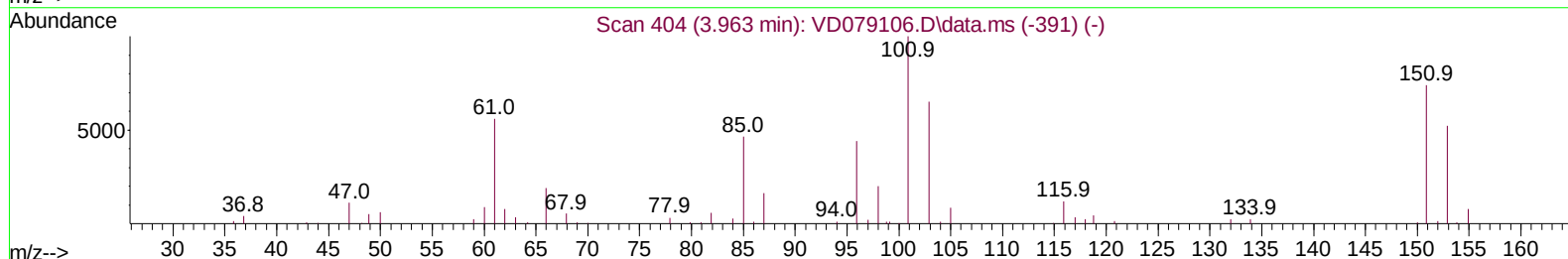
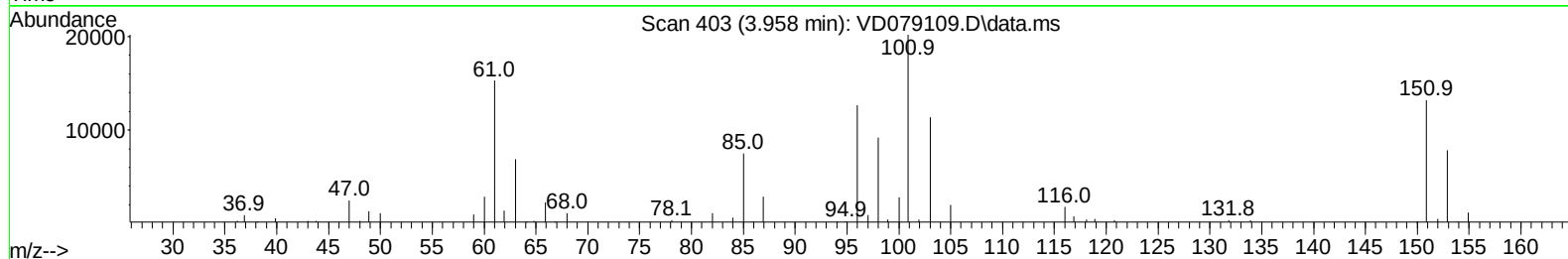
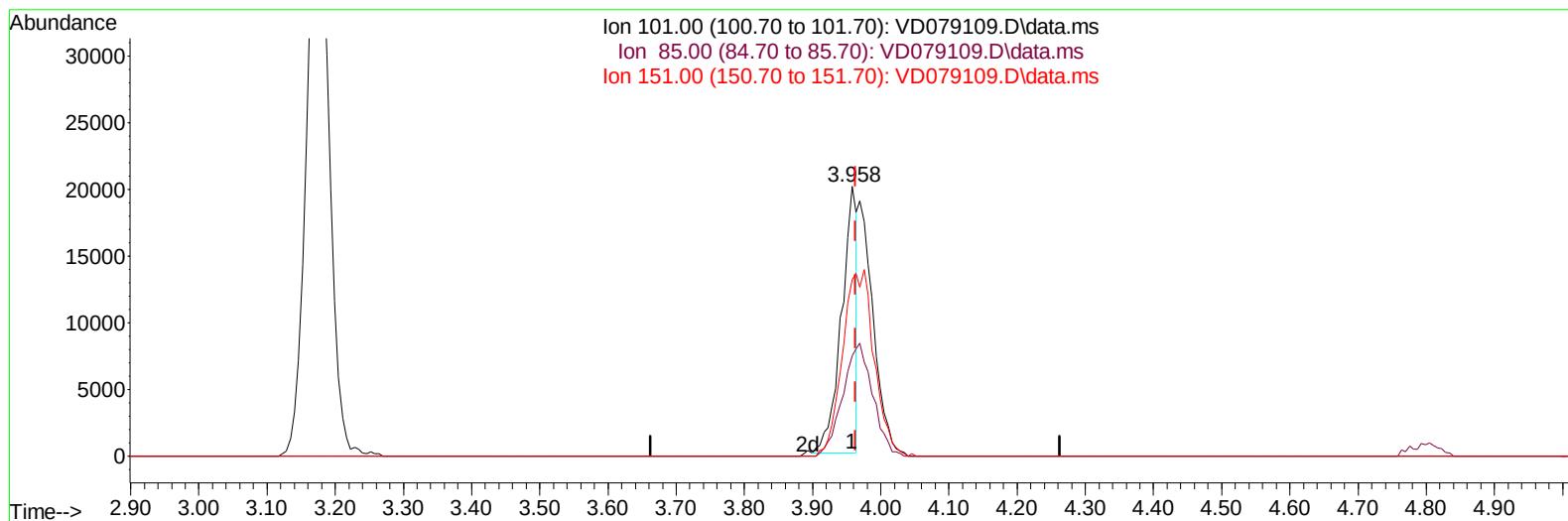
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD053124\
 Data File : VD079109.D
 Acq On : 31 May 2024 15:22
 Operator : RP/MD
 Sample : P2642-02MS
 Misc : 5.47G/10ml/MSVOA_D/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A4C18MS

Manual IntegrationsAPPROVED

Quant Time: Jun 01 00:36:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jun 01 00:34:30 2024
 Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 06/03/2024
 Supervised By :Semsettin Yesilyurt 06/03/2024



TIC: VD079109.D\data.ms

(10) 1,1,2-Trichloro-1,2,2-trifluoroethane (T)

3.958min (-0.006) 7.78 ug/L

response 31215

Ion	Exp%	Act%
101.00	100.00	100.00
85.00	44.20	81.96#
151.00	73.90	83.97
0.00	0.00	0.00

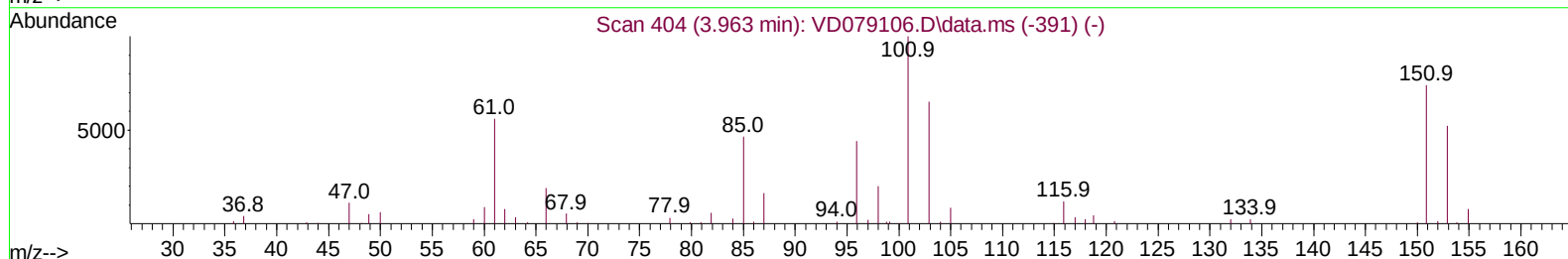
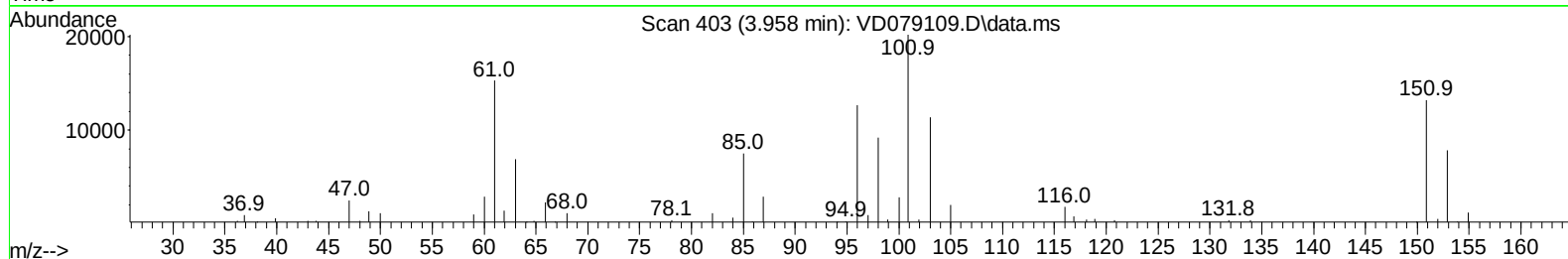
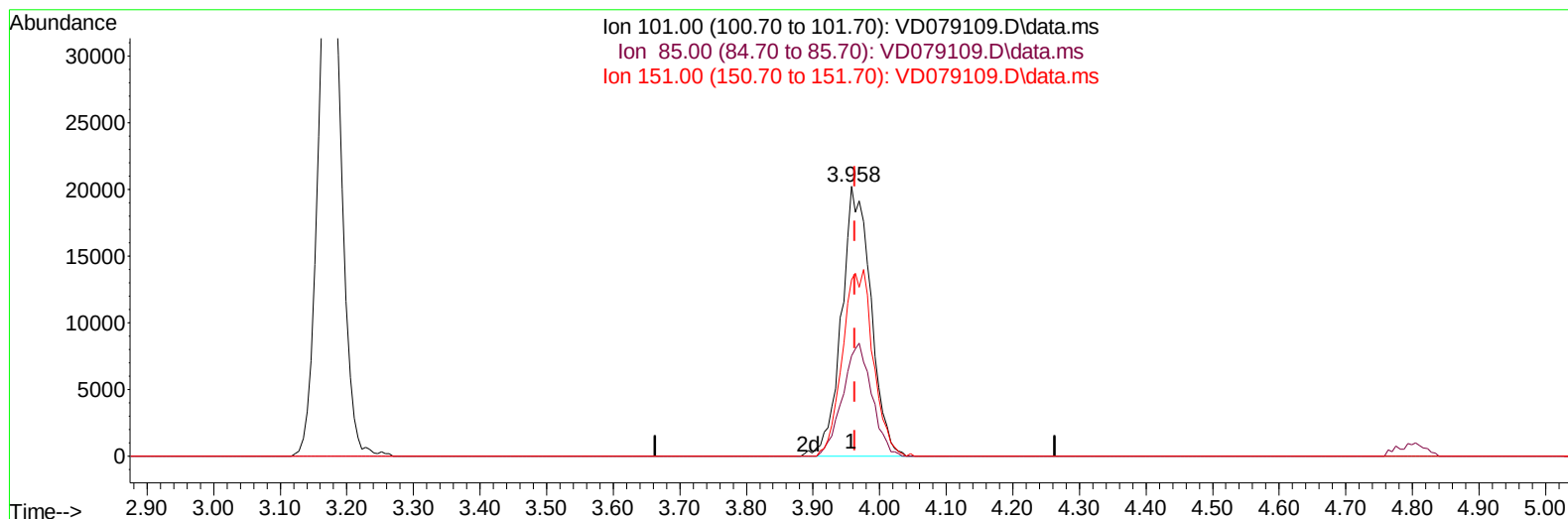
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TIC: VD079109.D\data.ms

(10) 1,1,2-Trichloro-1,2,2-trifluoroethane (T)

3.958min (-0.006) 15.37 ug/L m

response 61683

Ion	Exp%	Act%
101.00	100.00	100.00
85.00	44.20	41.48
151.00	73.90	42.49#
0.00	0.00	0.00

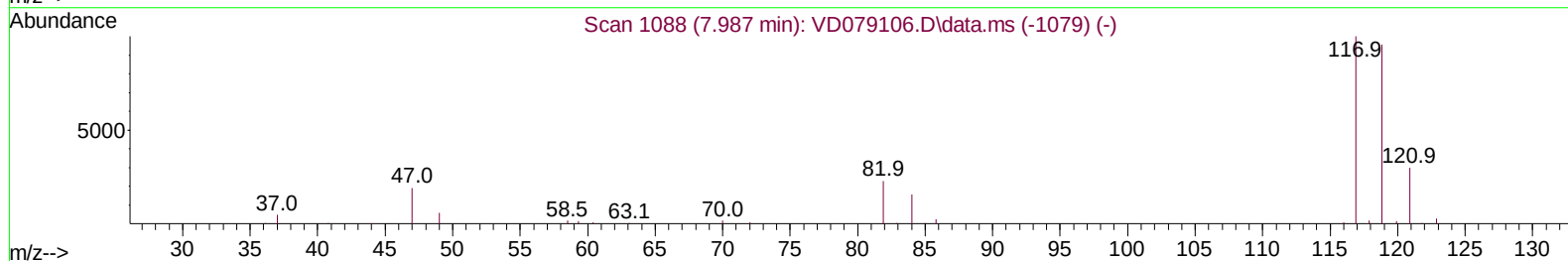
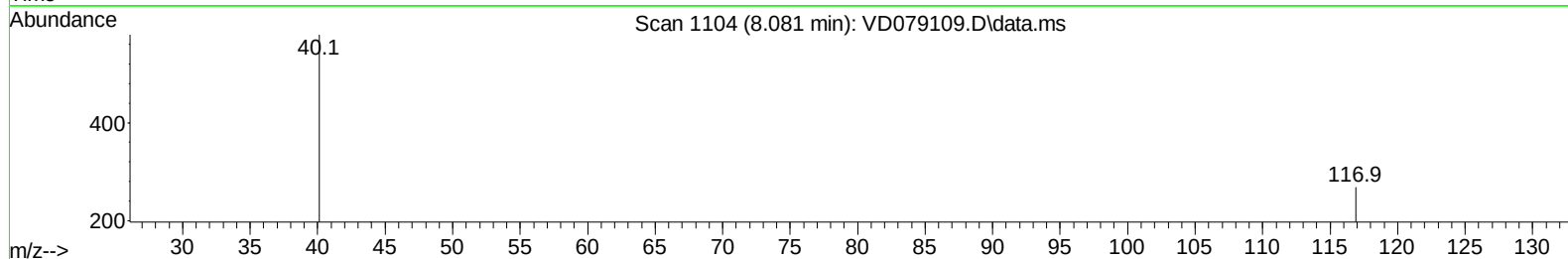
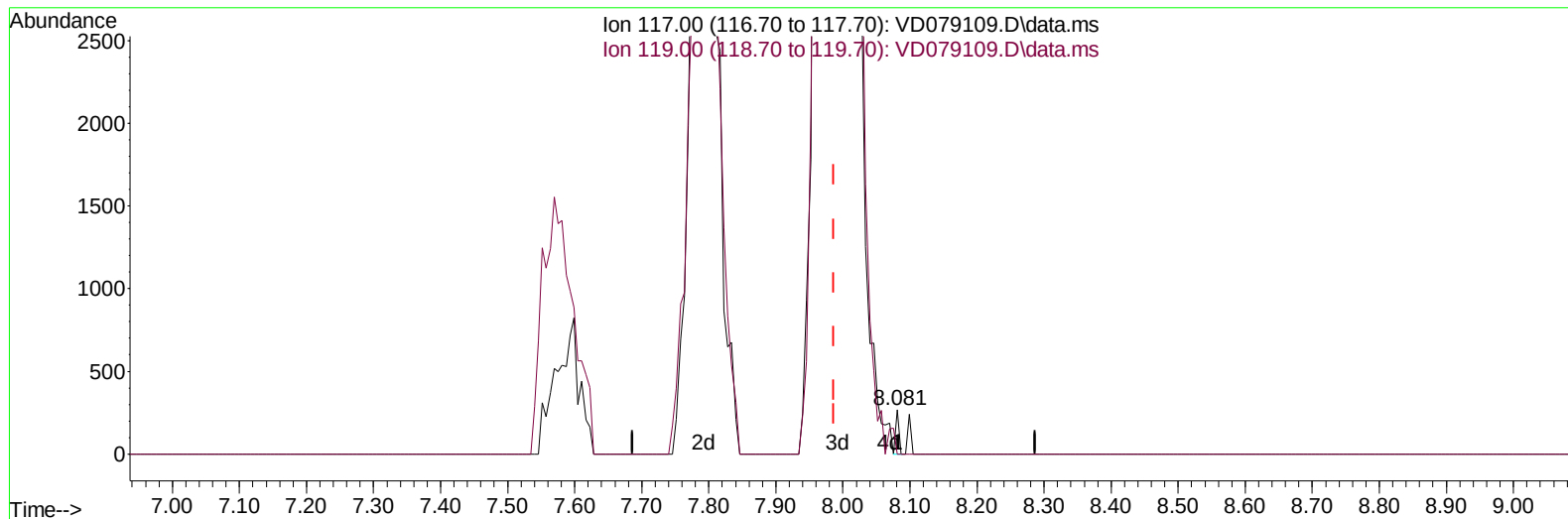
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Instrument :
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TIC: VD079109.D\data.ms

(31) Carbon tetrachloride (T)

8.081min (+ 0.094) 0.02 ug/L

response 95

Ion	Exp%	Act%
117.00	100.00	100.00
119.00	99.50	114.74
0.00	0.00	0.00
0.00	0.00	0.00

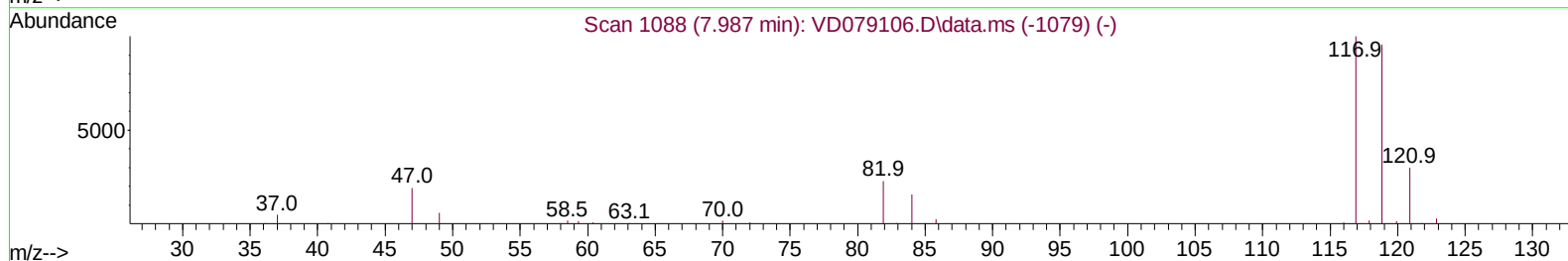
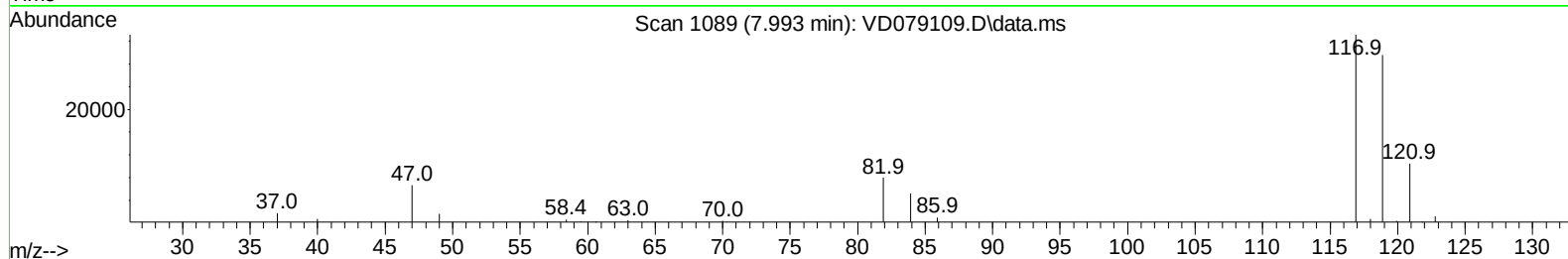
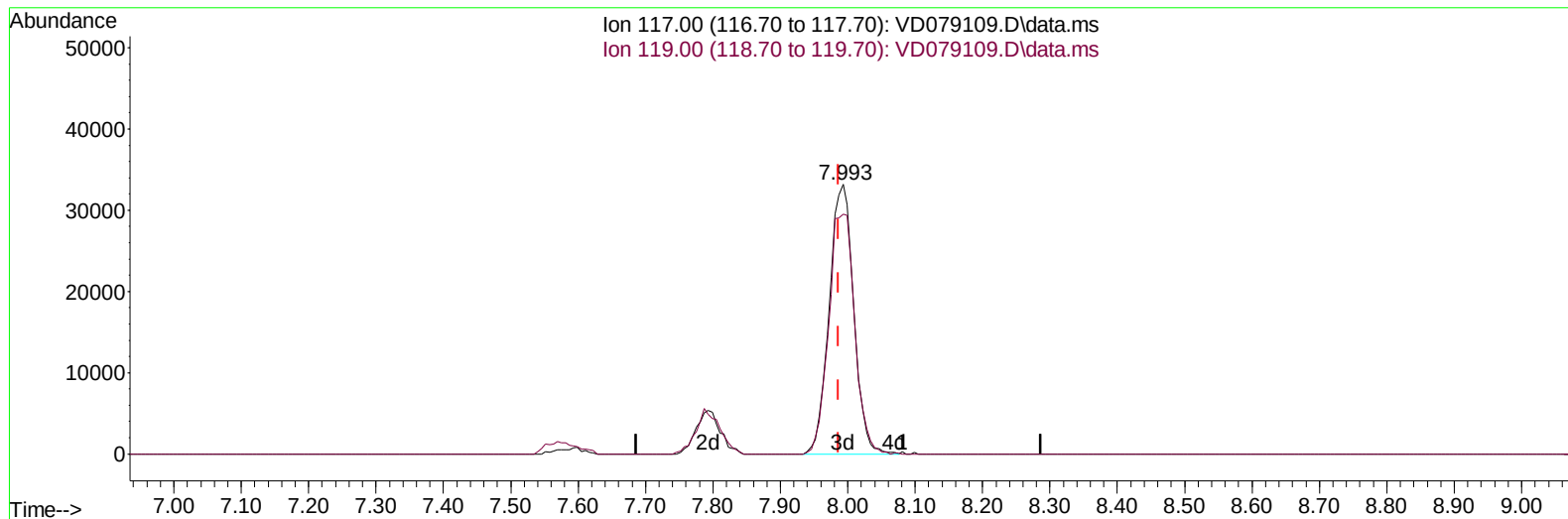
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TIC: VD079109.D\data.ms

(31) Carbon tetrachloride (T)

7.993min (+ 0.006) 19.49 ug/L m

response 84041

Ion	Exp%	Act%
117.00	100.00	100.00
119.00	99.50	0.13#
0.00	0.00	0.00
0.00	0.00	0.00

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Instrument :
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Reviewed By :Mahesh Dadoda 06/03/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	252324	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	196015	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	63978	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.276	65	142142	18.306	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	=	73.240%	
7) Chloroethane-d5	2.799	69	145559	19.387	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	=	77.560%	
11) 1,1-Dichloroethene-d2	3.917	65	23838	17.294	ug/L	0.00
Spiked Amount 25.000	Range 45	- 110	Recovery	=	69.160%	
21) 2-Butanone-d5	6.981	46	18802	31.658	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery	=	63.320%	
24) Chloroform-d	7.569	84	139799	19.815	ug/L	0.00
Spiked Amount 25.000	Range 40	- 150	Recovery	=	79.280%	
26) 1,2-Dichloroethane-d4	8.228	65	59151	18.175	ug/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	72.680%	
32) Benzene-d6	8.199	84	280276	25.793	ug/L	0.00
Spiked Amount 25.000	Range 20	- 135	Recovery	=	103.160%	
36) 1,2-Dichloropropane-d6	9.210	67	78408	25.050	ug/L	0.00
Spiked Amount 25.000	Range 70	- 120	Recovery	=	100.200%	
41) Toluene-d8	10.269	98	226697	22.281	ug/L	0.00
Spiked Amount 25.000	Range 30	- 130	Recovery	=	89.120%	
43) trans-1,3-Dichloroprop...	10.522	79	27370	20.803	ug/L	0.00
Spiked Amount 25.000	Range 30	- 135	Recovery	=	83.200%	
47) 2-Hexanone-d5	10.875	63	15371	37.986	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery	=	75.980%	
56) 1,1,2,2-Tetrachloroeth...	12.646	84	50713	18.291	ug/L	0.00
Spiked Amount 25.000	Range 45	- 120	Recovery	=	73.160%	
66) 1,2-Dichlorobenzene-d4	13.816	152	43480	19.692	ug/L	0.00
Spiked Amount 25.000	Range 75	- 120	Recovery	=	78.760%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	63267	15.839	ug/L	100
3) Chloromethane	2.146	50	95384	17.917	ug/L	98
5) Vinyl chloride	2.281	62	162828	18.531	ug/L	98
6) Bromomethane	2.693	94	108185	15.948	ug/L	96
8) Chloroethane	2.834	64	112458	17.462	ug/L	93
9) Trichlorofluoromethane	3.175	101	101274	15.130	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.958	101	61683m	15.367	ug/L	
12) 1,1-Dichloroethene	3.940	96	59058	16.900	ug/L	94
13) Acetone	4.023	43	10259	11.932	ug/L	92
14) Carbon disulfide	4.270	76	192189	15.766	ug/L	100
15) Methyl Acetate	4.564	43	13005	11.101	ug/L #	75
16) Methylene chloride	4.799	84	71205	15.837	ug/L	95
17) trans-1,2-Dichloroethene	5.311	96	62561	16.566	ug/L	89
18) Methyl tert-butyl Ether	5.322	73	94616	14.127	ug/L #	89
19) 1,1-Dichloroethane	6.111	63	103218	16.976	ug/L	97
20) cis-1,2-Dichloroethene	7.081	96	66665	16.953	ug/L	98
22) 2-Butanone	7.087	43	13497	14.943	ug/L	99
23) Bromochloromethane	7.422	128	30564	15.331	ug/L	96

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 Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Chloroform	7.593	83	116969	16.944	ug/L	93
27) 1,2-Dichloroethane	8.328	62	58172	14.517	ug/L #	92
29) Cyclohexane	7.881	56	57259	16.190	ug/L	97
30) 1,1,1-Trichloroethane	7.793	97	94971	20.464	ug/L	99
31) Carbon tetrachloride	7.993	117	84041m	19.488	ug/L	
33) Benzene	8.252	78	259532	22.230	ug/L	100
34) Trichloroethene	9.028	95	59348	19.737	ug/L	96
35) Methylcyclohexane	9.275	83	63019	12.648	ug/L	100
37) 1,2-Dichloropropane	9.299	63	57791	20.209	ug/L #	94
38) Bromodichloromethane	9.581	83	75870	19.085	ug/L	95
39) cis-1,3-Dichloropropene	10.016	75	79087	17.717	ug/L	96
40) 4-Methyl-2-pentanone	10.157	43	34265	28.704	ug/L	96
42) Toluene	10.334	91	254622	19.641	ug/L	98
44) trans-1,3-Dichloropropene	10.552	75	63973	16.947	ug/L	94
45) 1,1,2-Trichloroethane	10.734	97	41884	16.695	ug/L	96
46) Tetrachloroethene	10.805	164	41925	15.835	ug/L	97
48) 2-Hexanone	10.922	43	22008	21.306	ug/L	98
49) Dibromochloromethane	11.075	129	47108	15.857	ug/L	96
50) 1,2-Dibromoethane	11.181	107	36086	15.651	ug/L #	87
51) Chlorobenzene	11.604	112	140372	16.274	ug/L	95
52) Ethylbenzene	11.681	91	224404	16.595	ug/L	100
53) m,p-Xylene	11.793	106	87703	16.531	ug/L	95
54) o-Xylene	12.122	106	83234	16.238	ug/L	88
55) Styrene	12.134	104	138696	15.261	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.669	83	36408	12.965	ug/L	99
59) Bromoform	12.293	173	25215	21.504	ug/L	99
60) Isopropylbenzene	12.422	105	187971	22.220	ug/L	99
61) 1,2,3-Trichloropropane	12.722	75	24917	22.059	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	107254	18.543	ug/L	97
63) 1,2,4-Trimethylbenzene	13.210	105	117373	18.972	ug/L	97
64) 1,3-Dichlorobenzene	13.457	146	67561	16.624	ug/L	99
65) 1,4-Dichlorobenzene	13.534	146	70464	16.364	ug/L	95
67) 1,2-Dichlorobenzene	13.828	146	58157	15.480	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.445	75	3870	16.667	ug/L #	74
69) 1,3,5-Trichlorobenzene	14.593	180	26200	10.222	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	17078	8.023	ug/L	96
71) Naphthalene	15.334	128	33332	8.373	ug/L	98
72) 1,2,3-Trichlorobenzene	15.522	180	13146	7.145	ug/L	96

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

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