

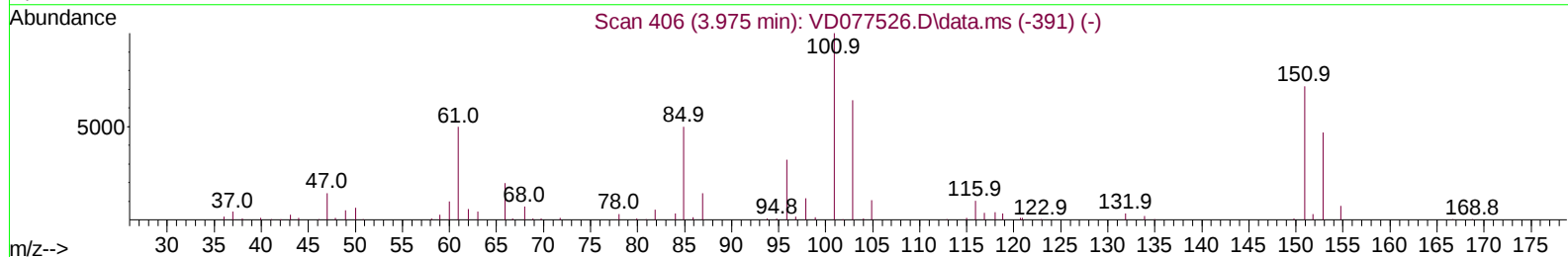
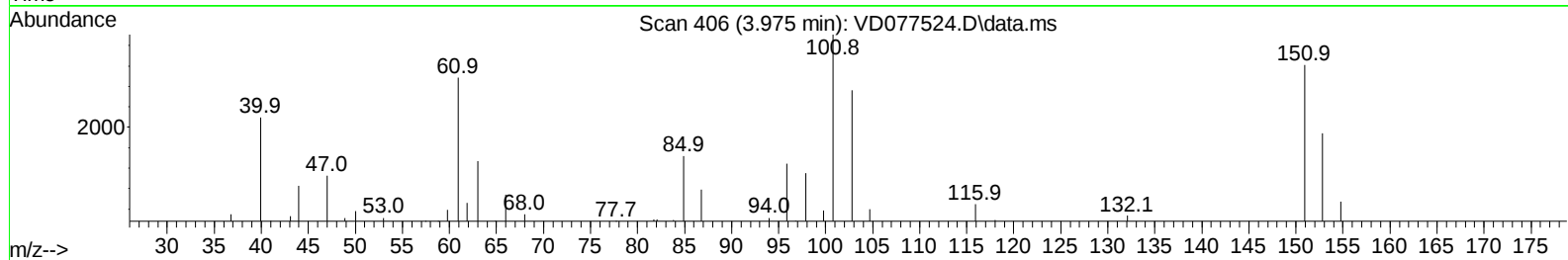
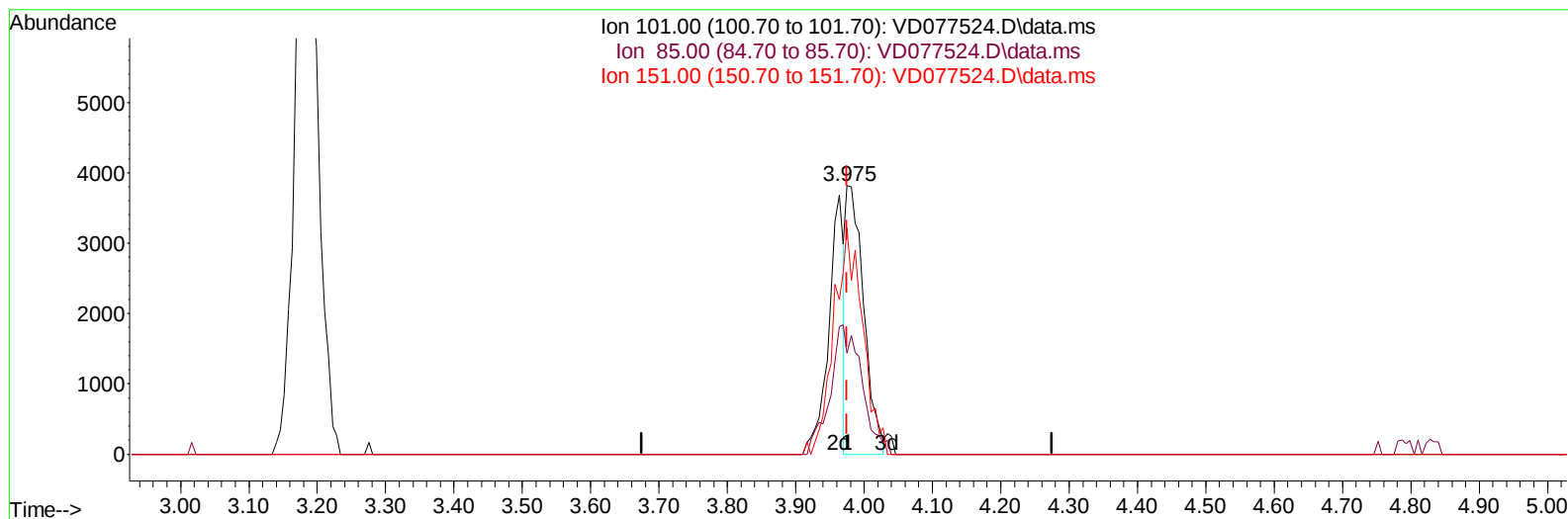
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110923\
 Data File : VD077524.D
 Acq On : 09 Nov 2023 08:52
 Operator : JC/SY
 Sample : VSTD2.577
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD2.5177

Manual IntegrationsAPPROVED

Quant Time: Nov 10 00:03:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Nov 10 00:03:14 2023
 Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 11/10/2023
 Supervised By :Semsettin Yesilyurt 11/10/2023



TIC: VD077524.D\data.ms

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

3.975min (-0.000) 1.34 ug/L

response 6961

Ion	Exp%	Act%
101.00	100.00	100.00
85.00	46.00	47.29
151.00	70.70	93.78#
0.00	0.00	0.00

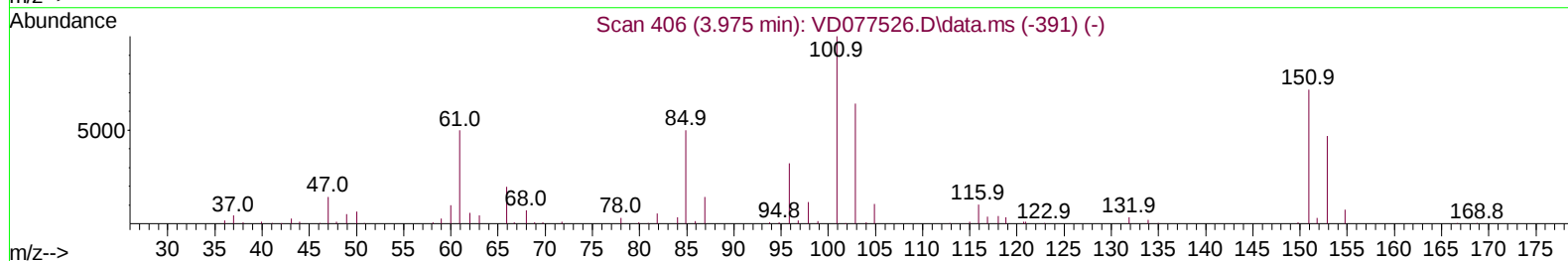
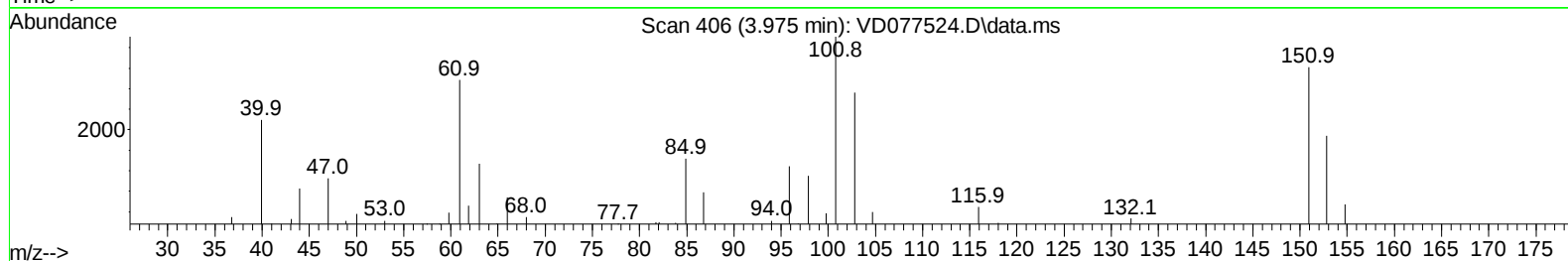
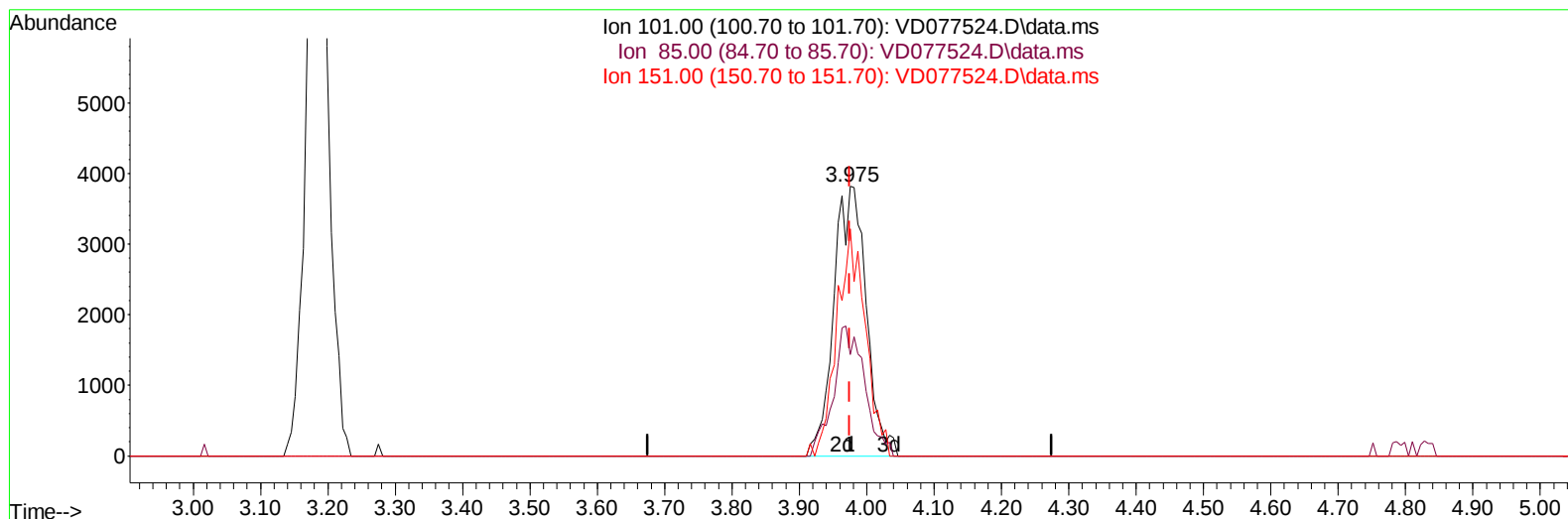
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TIC: VD077524.D\data.ms

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

3.975min (-0.000) 2.45 ug/L m

response 12744

Ion	Exp%	Act%
101.00	100.00	100.00
85.00	46.00	25.83#
151.00	70.70	51.22#
0.00	0.00	0.00

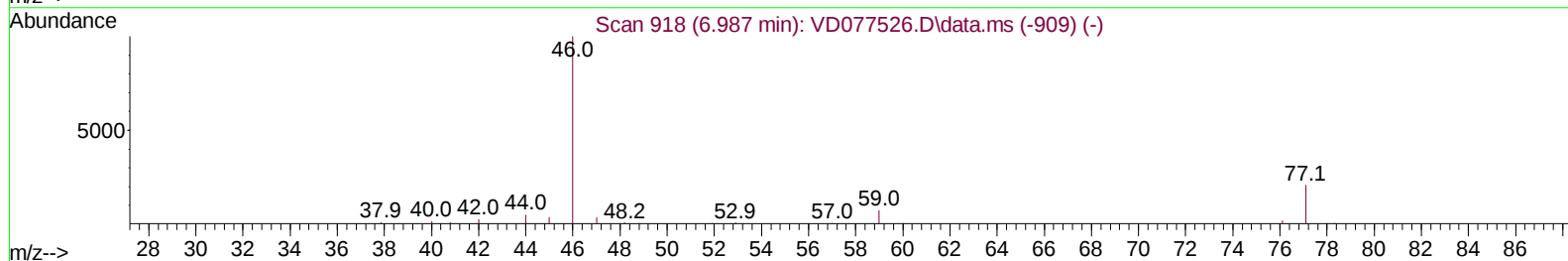
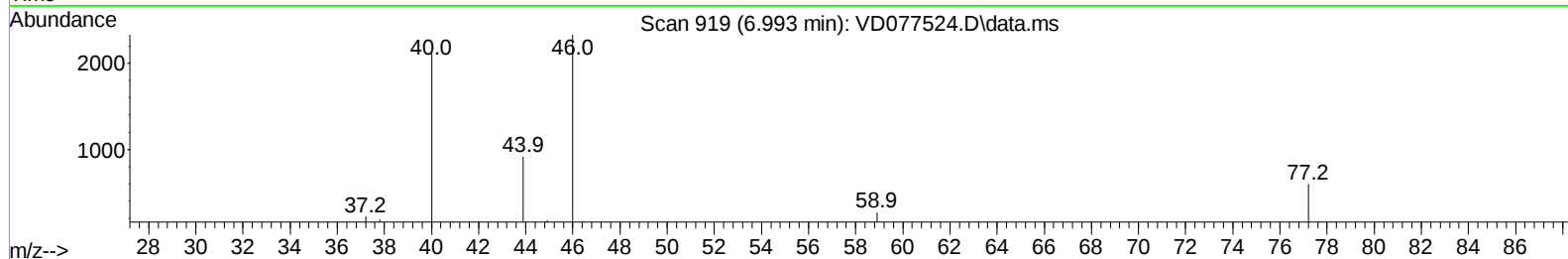
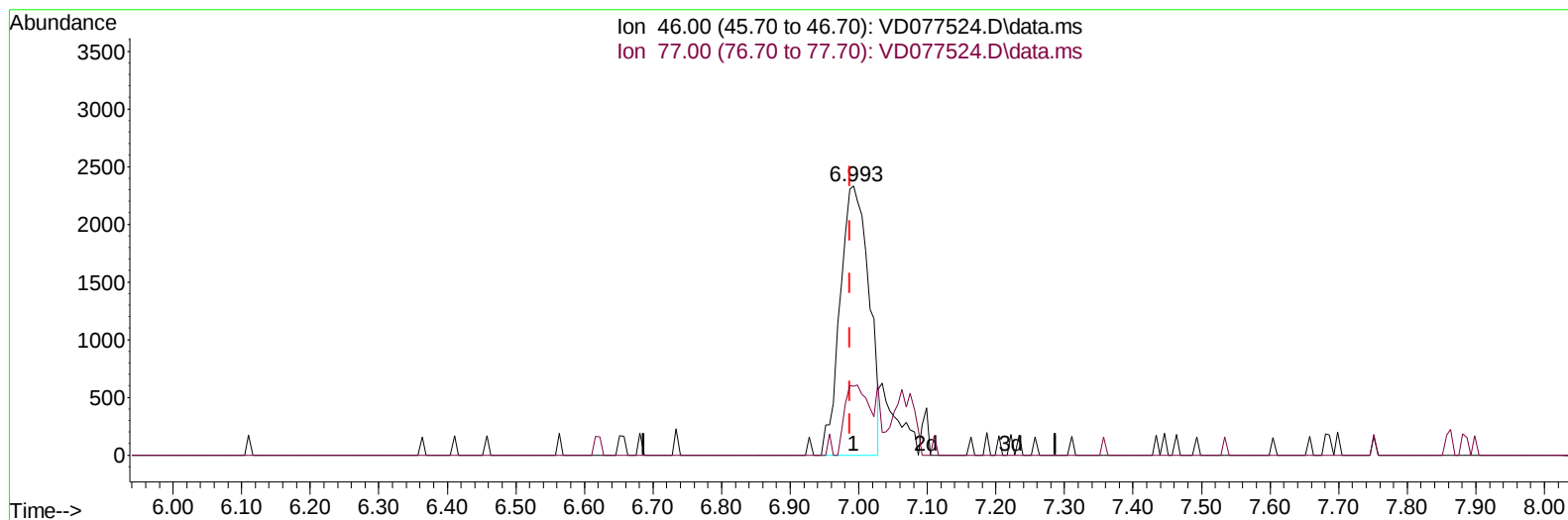
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Data File : VD077524.D
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Operator : JC/SY
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ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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TIC: VD077524.D\data.ms

(21) 2-Butanone-d5 (S)

6.993min (+ 0.006) 4.49 ug/L

response 6782

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	22.40	21.98
0.00	0.00	0.00
0.00	0.00	0.00

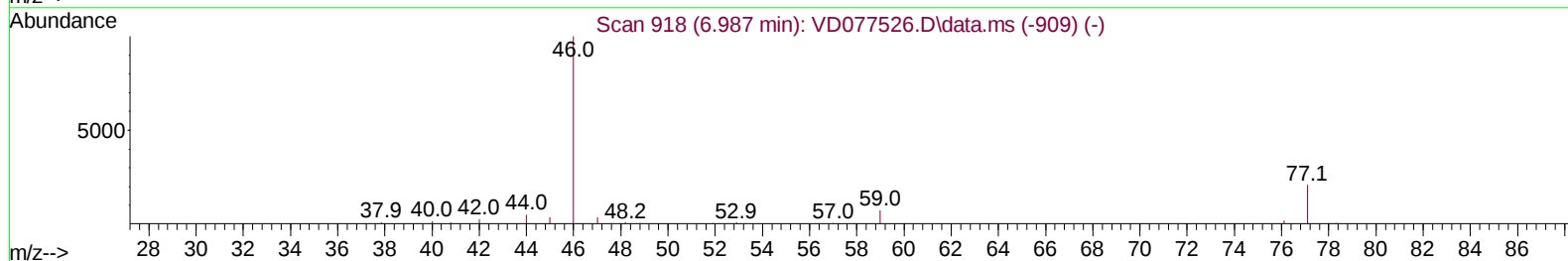
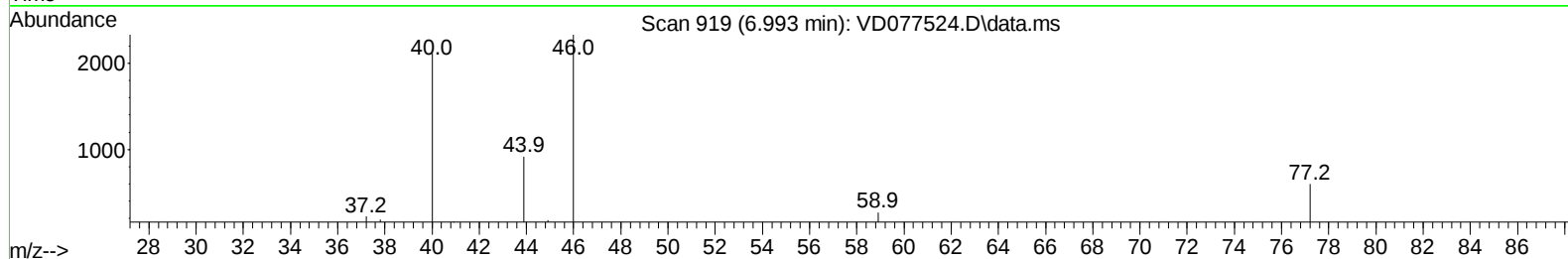
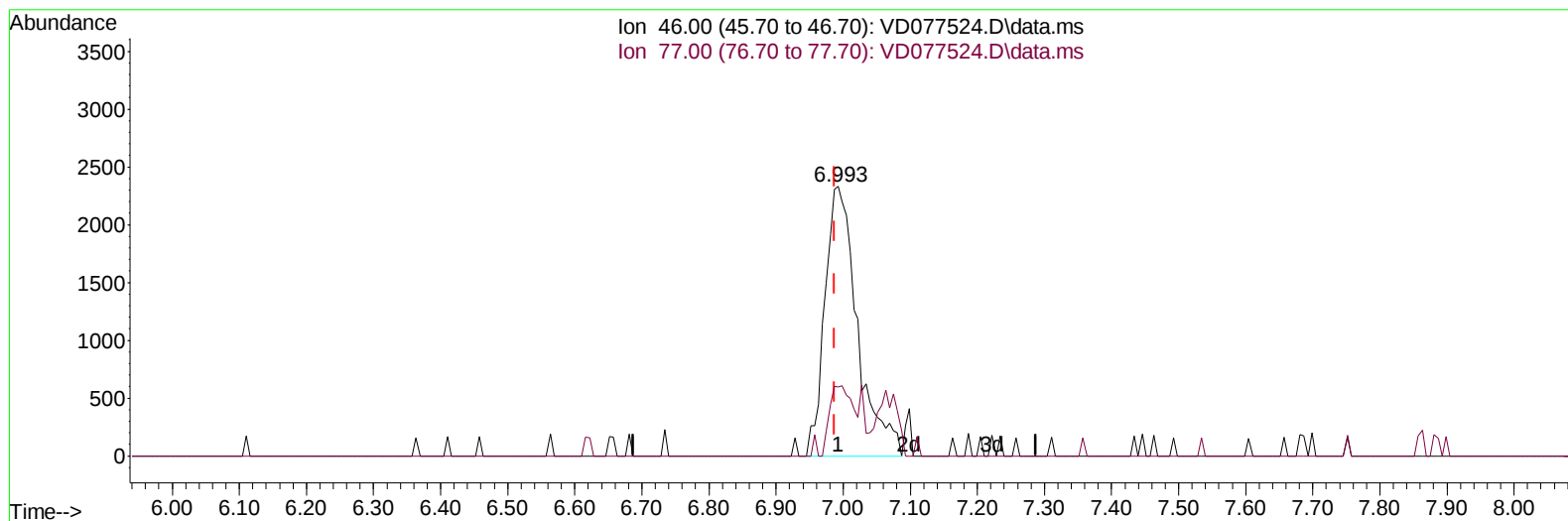
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TIC: VD077524.D\data.ms

(21) 2-Butanone-d5 (S)

6.993min (+ 0.006) 5.20 ug/L m

response 7857

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	22.40	18.98
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	8.781	114	354486	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	320906	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	147947	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	25567	2.835	ug/L	0.00
7) Chloroethane-d5	2.811	69	20213	2.853	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.922	65	7872	2.823	ug/L	0.00
21) 2-Butanone-d5	6.993	46	7857m	5.200	ug/L	0.00
24) Chloroform-d	7.569	84	25635	2.503	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.234	65	13732	2.521	ug/L	0.00
32) Benzene-d6	8.204	84	53115	2.550	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	17953	2.646	ug/L	0.00
41) Toluene-d8	10.269	98	47712	2.535	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.528	79	7432	2.541	ug/L	0.00
47) 2-Hexanone-d5	10.875	63	6274	5.170	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	11149	2.480	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.822	152	12740	2.421	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	14882	2.607	ug/L	100
3) Chloromethane	2.152	50	20900	2.545	ug/L	95
5) Vinyl chloride	2.287	62	23477	2.532	ug/L	98
6) Bromomethane	2.699	94	11385	2.307	ug/L	98
8) Chloroethane	2.846	64	14700	2.551	ug/L	94
9) Trichlorofluoromethane	3.187	101	20798	2.465	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.975	101	12744m	2.455	ug/L	
12) 1,1-Dichloroethene	3.946	96	12442	2.455	ug/L	94
13) Acetone	4.028	43	7855	4.787	ug/L	78
14) Carbon disulfide	4.275	76	45946	2.531	ug/L	100
15) Methyl Acetate	4.575	43	6952	2.575	ug/L #	64
16) Methylene chloride	4.810	84	18169	3.034	ug/L	92
17) trans-1,2-Dichloroethene	5.316	96	13006	2.453	ug/L	95
18) Methyl tert-butyl Ether	5.316	73	30500	2.451	ug/L #	69
19) 1,1-Dichloroethane	6.116	63	26178	2.460	ug/L	94
20) cis-1,2-Dichloroethene	7.087	96	14656	2.544	ug/L	87
22) 2-Butanone	7.087	43	9866	4.939	ug/L	79
23) Bromochloromethane	7.428	128	5672	2.450	ug/L	88
25) Chloroform	7.599	83	24183	2.474	ug/L	93
27) 1,2-Dichloroethane	8.334	62	16100	2.485	ug/L	96
29) Cyclohexane	7.881	56	25989	2.494	ug/L	97
30) 1,1,1-Trichloroethane	7.793	97	20793	2.475	ug/L	98
31) Carbon tetrachloride	7.993	117	17688	2.450	ug/L	96
33) Benzene	8.251	78	53281	2.394	ug/L	100
34) Trichloroethene	9.034	95	13222	2.398	ug/L	94
35) Methylcyclohexane	9.281	83	23565	2.369	ug/L	93
37) 1,2-Dichloropropane	9.310	63	15296	2.472	ug/L #	95
38) Bromodichloromethane	9.581	83	17362	2.447	ug/L #	98
39) cis-1,3-Dichloropropene	10.016	75	22747	2.393	ug/L	94
40) 4-Methyl-2-pentanone	10.157	43	19299	5.119	ug/L	96
42) Toluene	10.334	91	55728	2.385	ug/L	98

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 Quant Title : SFAM01.0
 QLast Update : Fri Nov 10 00:03:14 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) trans-1,3-Dichloropropene	10.557	75	18671	2.377	ug/L	97
45) 1,1,2-Trichloroethane	10.734	97	9210	2.435	ug/L	95
46) Tetrachloroethene	10.810	164	9567	2.358	ug/L	94
48) 2-Hexanone	10.922	43	15041	5.033	ug/L	94
49) Dibromochloromethane	11.075	129	10483	2.440	ug/L	91
50) 1,2-Dibromoethane	11.181	107	8958	2.477	ug/L	85
51) Chlorobenzene	11.610	112	32299	2.360	ug/L	98
52) Ethylbenzene	11.687	91	60136	2.339	ug/L	97
53) m,p-Xylene	11.798	106	21943	2.346	ug/L	95
54) o-Xylene	12.122	106	20791	2.320	ug/L	95
55) Styrene	12.139	104	35288	2.256	ug/L	86
57) 1,1,2,2-Tetrachloroethane	12.681	83	11093	2.490	ug/L	91
59) Bromoform	12.298	173	6582	2.609	ug/L #	86
60) Isopropylbenzene	12.422	105	56404	2.357	ug/L	98
61) 1,2,3-Trichloropropane	12.728	75	8167	2.592	ug/L	93
62) 1,3,5-Trimethylbenzene	12.904	105	42957	2.365	ug/L	99
63) 1,2,4-Trimethylbenzene	13.216	105	42881	2.331	ug/L	100
64) 1,3-Dichlorobenzene	13.463	146	23588	2.403	ug/L	95
65) 1,4-Dichlorobenzene	13.539	146	24630	2.486	ug/L	97
67) 1,2-Dichlorobenzene	13.834	146	21260	2.449	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.451	75	1974	2.880	ug/L	89
69) 1,3,5-Trichlorobenzene	14.598	180	16115	2.411	ug/L	97
70) 1,2,4-trichlorobenzene	15.104	180	13612	2.416	ug/L	96
71) Naphthalene	15.339	128	25198	2.373	ug/L #	92
72) 1,2,3-Trichlorobenzene	15.522	180	11383	2.370	ug/L	98

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

