

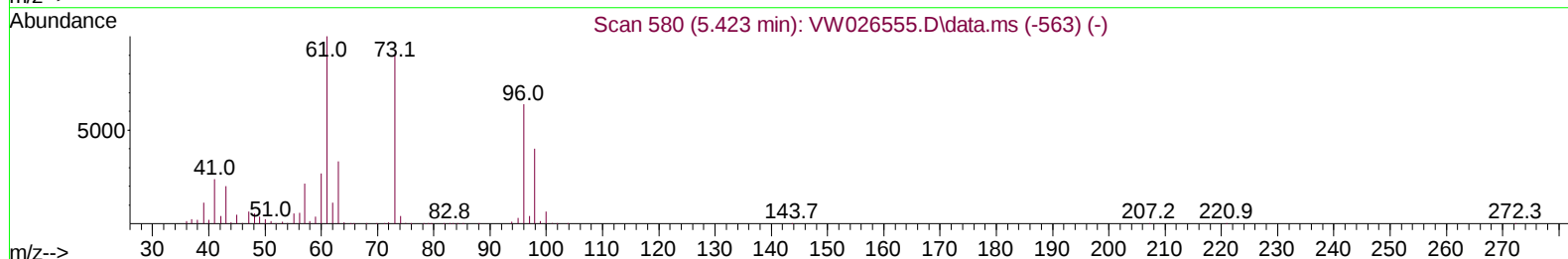
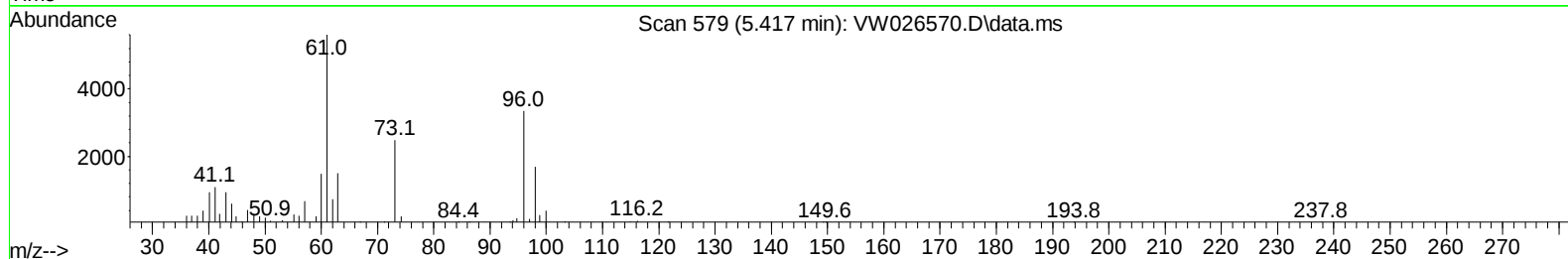
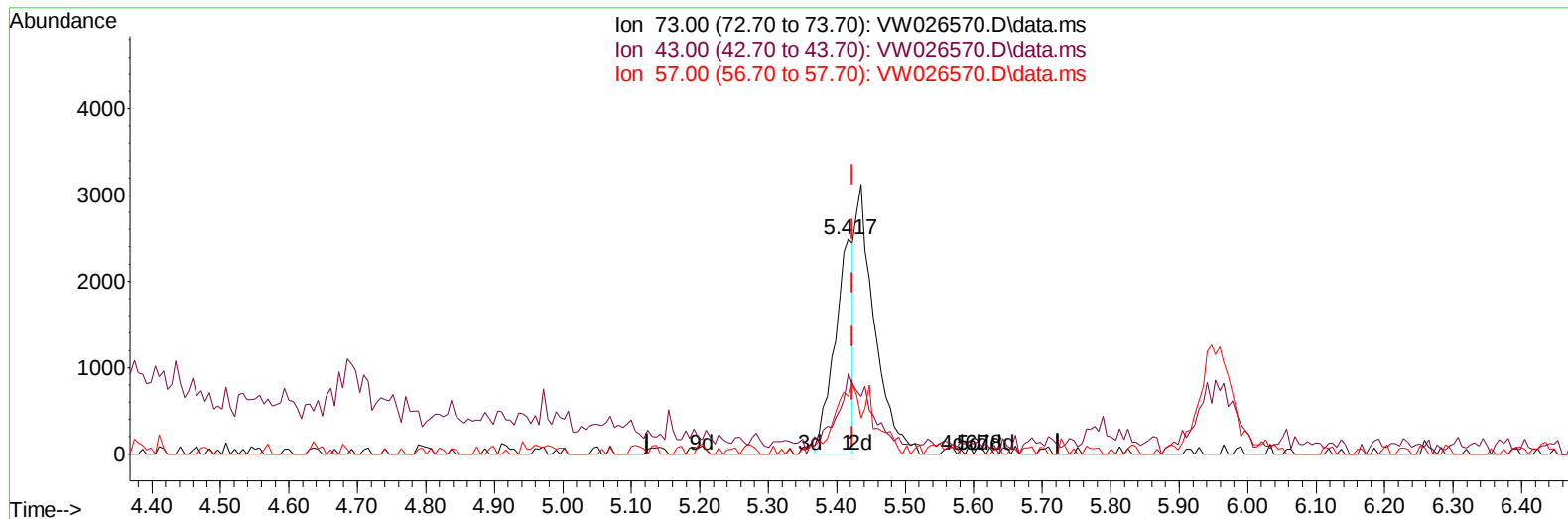
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070723\
 Data File : VW026570.D
 Acq On : 07 Jul 2023 15:29
 Operator : SY/MD
 Sample : 03551-05MS
 Misc : 8.11g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DCHB3MS

Manual IntegrationsAPPROVED

Quant Time: Jul 08 05:40:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jul 08 05:36:55 2023
 Response via : Initial Calibration

Reviewed By :John Carlone 07/10/2023
 Supervised By :Mahesh Dadoda 07/10/2023



TIC: VW026570.D\data.ms

(18) Methyl tert-butyl Ether (T)

5.417min (-0.006) 6.03 ug/L

response 4751

Ion	Exp%	Act%
73.00	100.00	100.00
43.00	22.30	19.83
57.00	23.50	17.79#
0.00	0.00	0.00

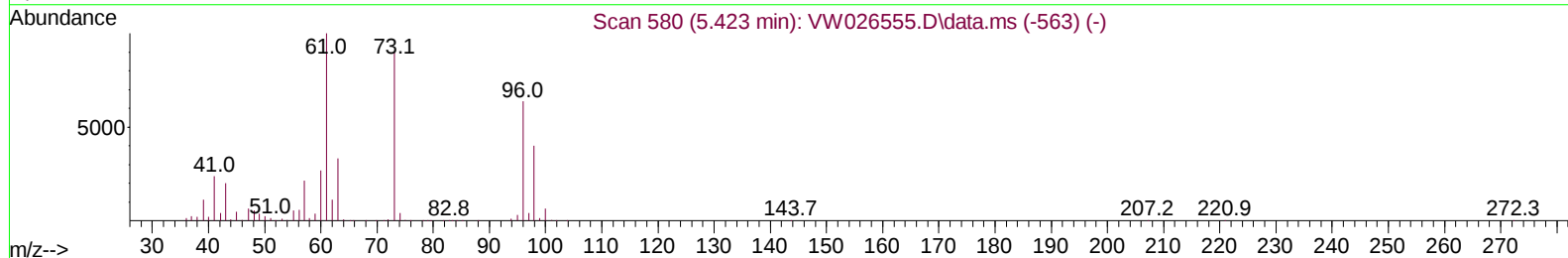
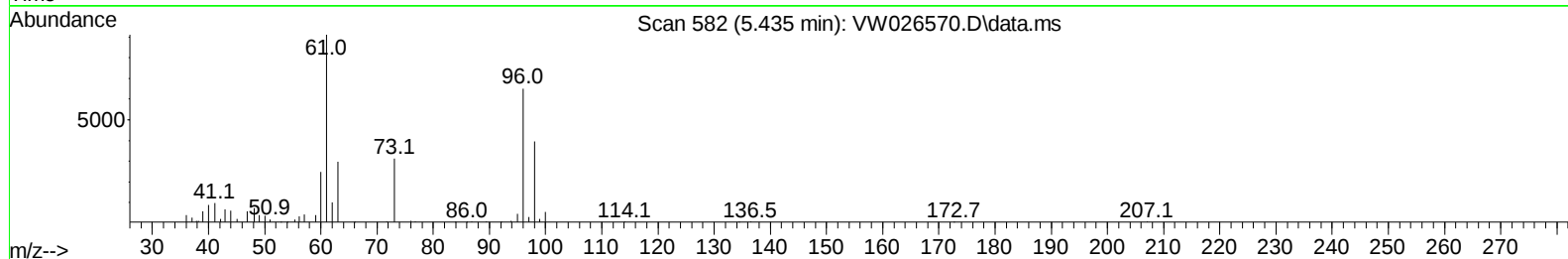
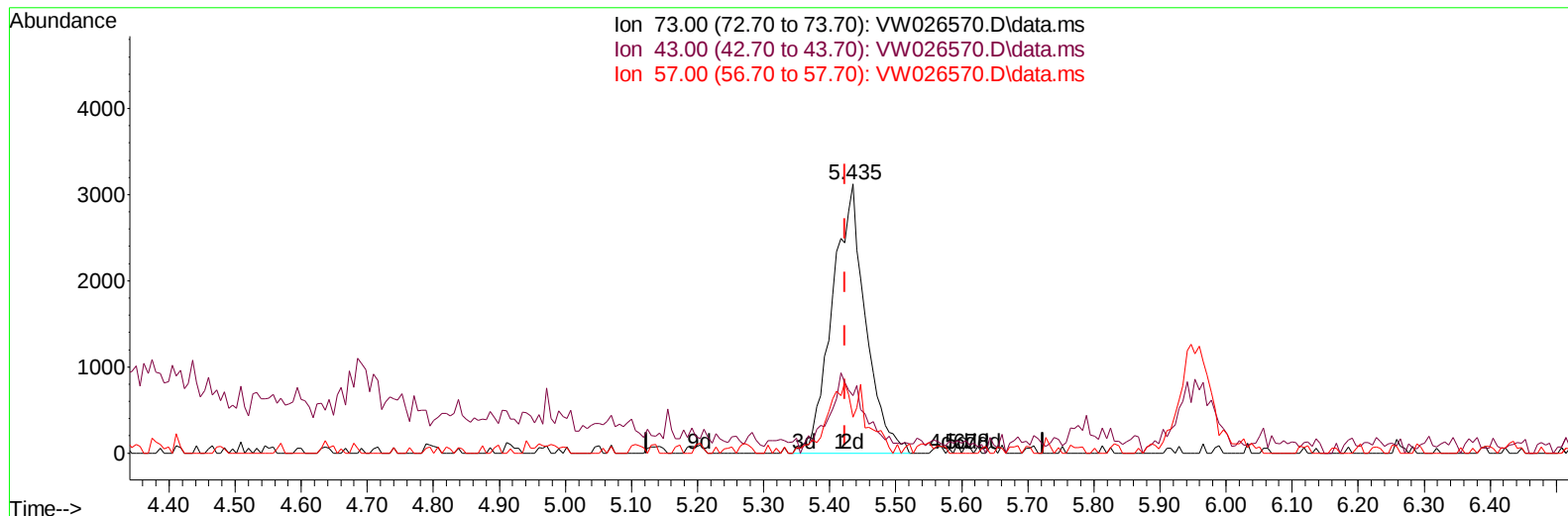
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ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: VW026570.D\data.ms

(18) Methyl tert-butyl Ether (T)

5.435min (+ 0.012) 13.84 ug/L m

response 10905

Ion	Exp%	Act%
73.00	100.00	100.00
43.00	22.30	8.64#
57.00	23.50	7.75#
0.00	0.00	0.00

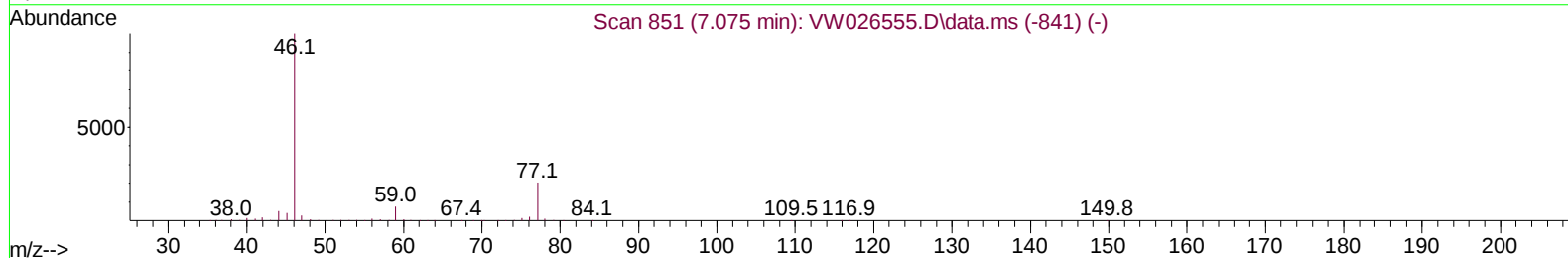
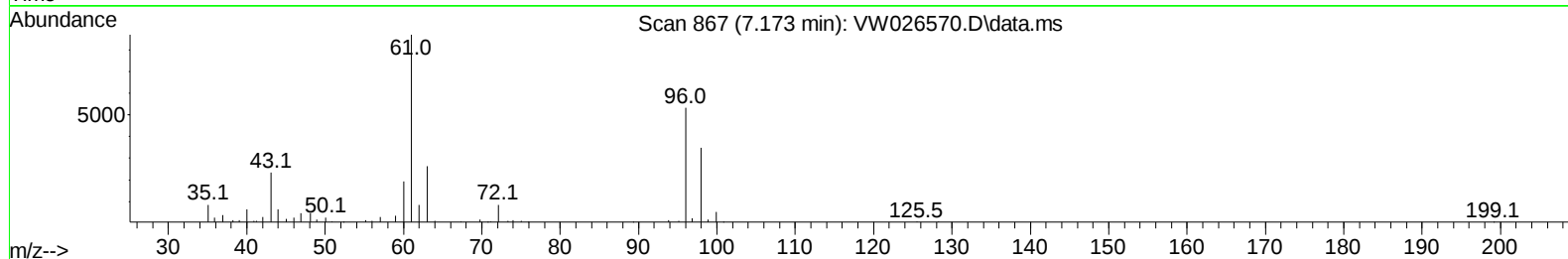
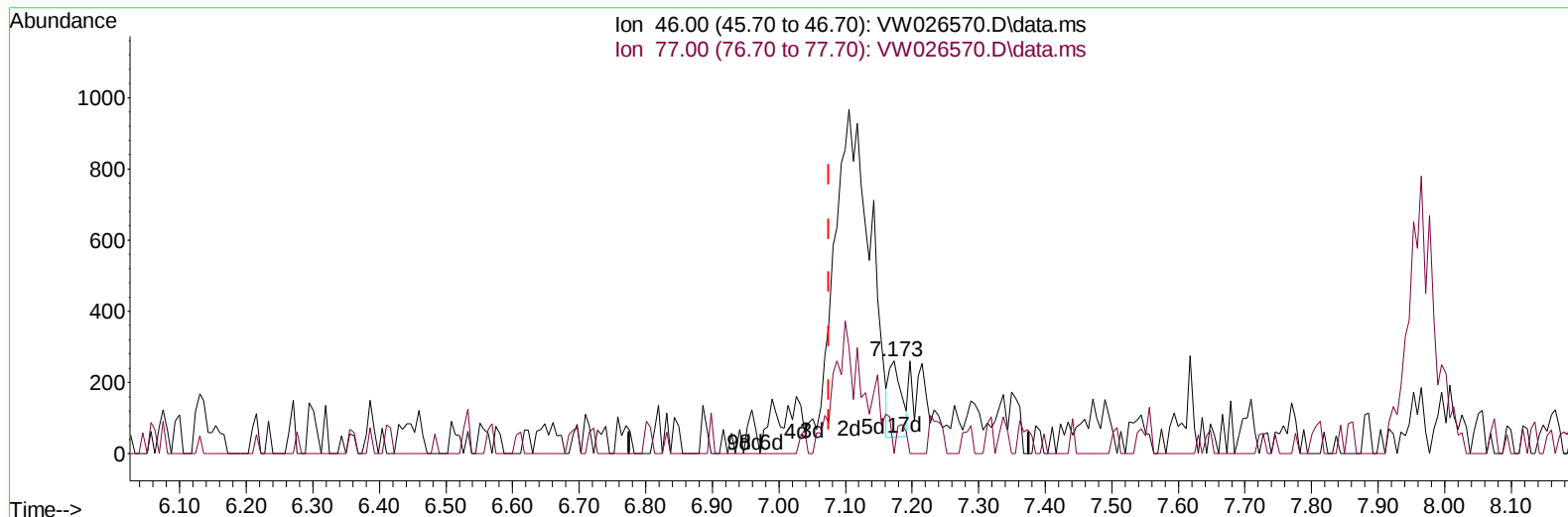
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Instrument :
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 ClientSampleId :
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TIC: VW026570.D\data.ms

(21) 2-Butanone-d5 (S)

7.173min (+ 0.097) 1.51 ug/L

response 276

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	23.70	28.62
0.00	0.00	0.00
0.00	0.00	0.00

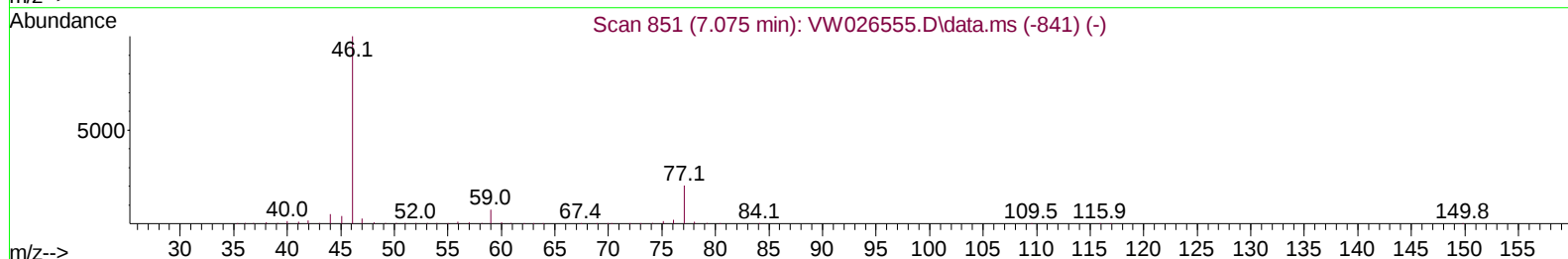
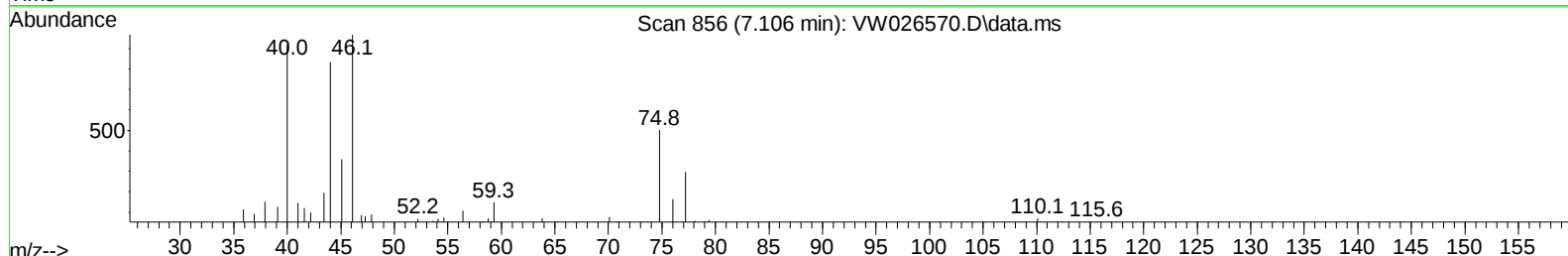
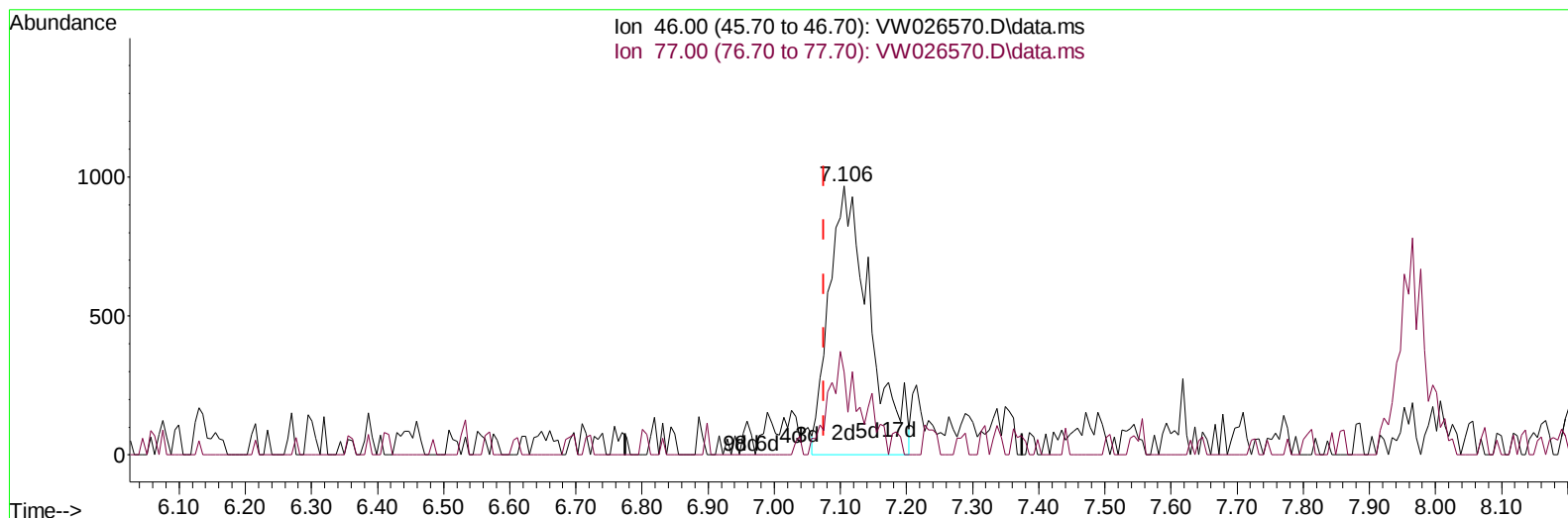
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Instrument :
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TIC: VW026570.D\data.ms

(21) 2-Butanone-d5 (S)

7.106min (+ 0.030) 22.64 ug/L m

response 4133

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	23.70	1.91#
0.00	0.00	0.00
0.00	0.00	0.00

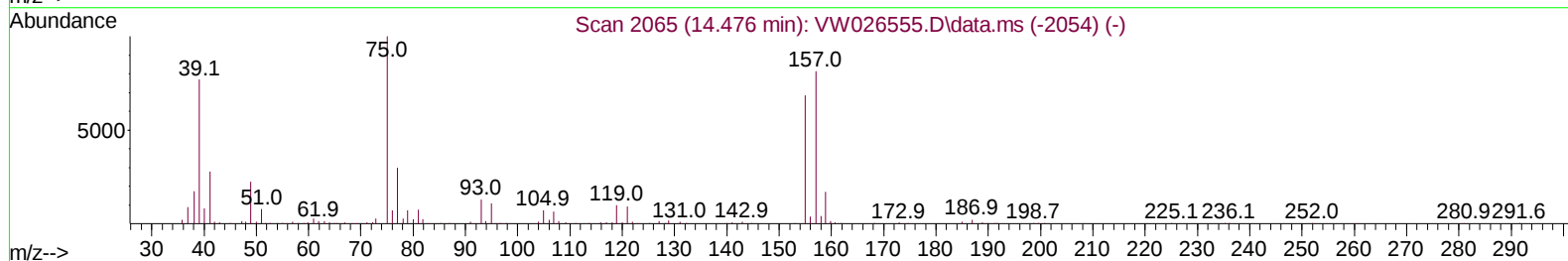
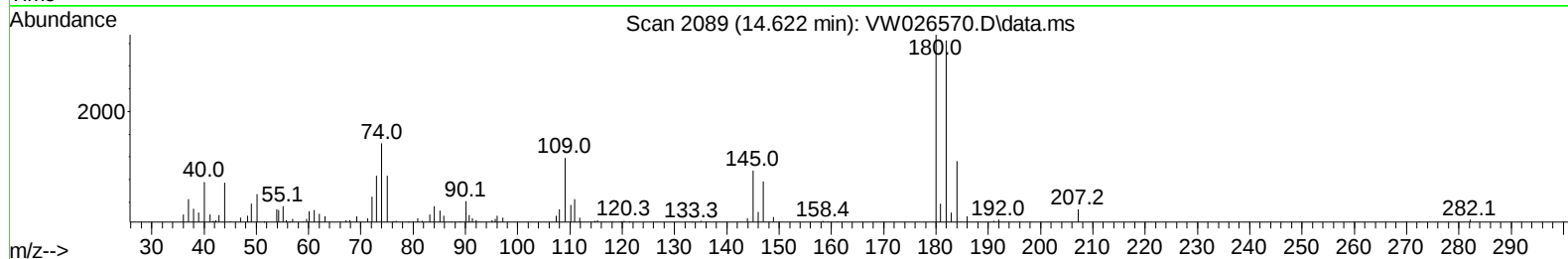
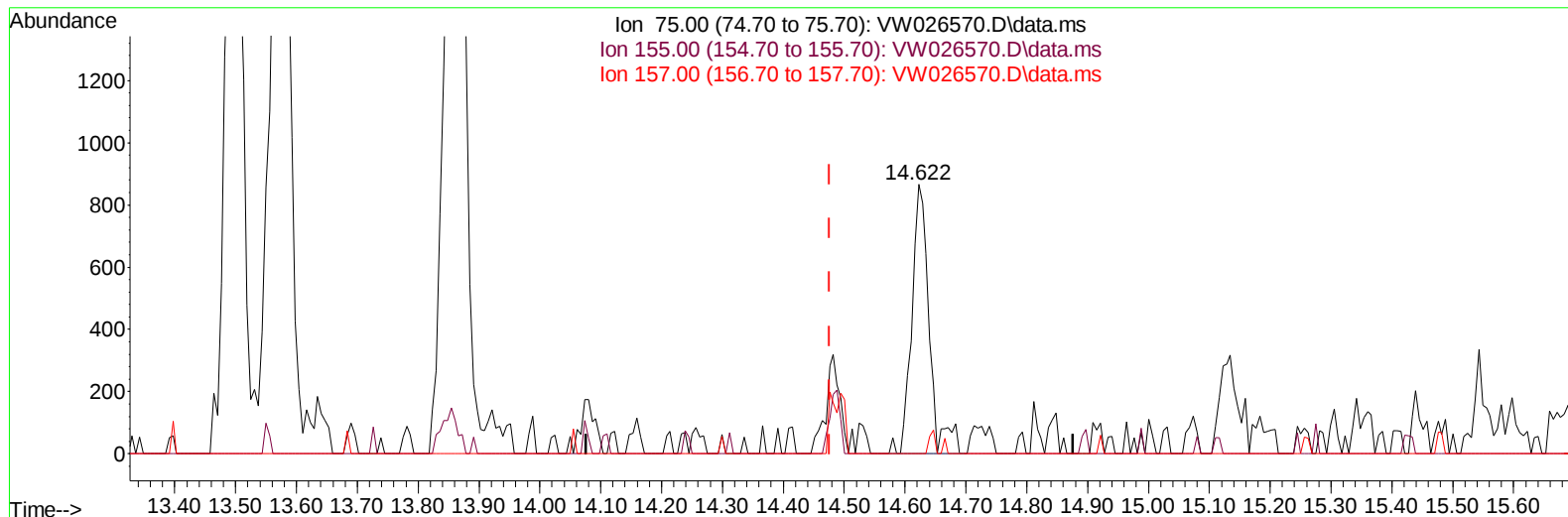
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Instrument :
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 ClientSampleId :
 DCHB3MS

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TIC: VW026570.D\data.ms

(68) 1,2-Dibromo-3-chloropropane (T)

14.622min (+ 0.146) 36.89 ug/L

response 1736

Ion	Exp%	Act%
75.00	100.00	100.00
155.00	71.60	0.00#
157.00	96.10	0.00#
0.00	0.00	0.00

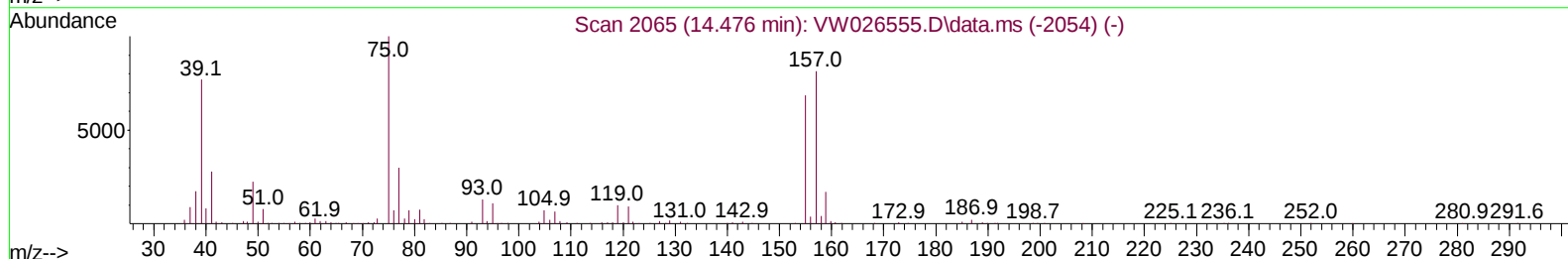
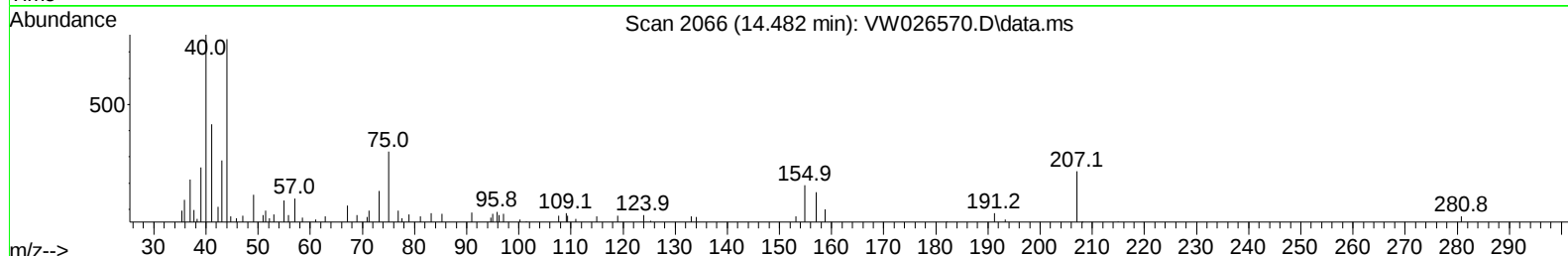
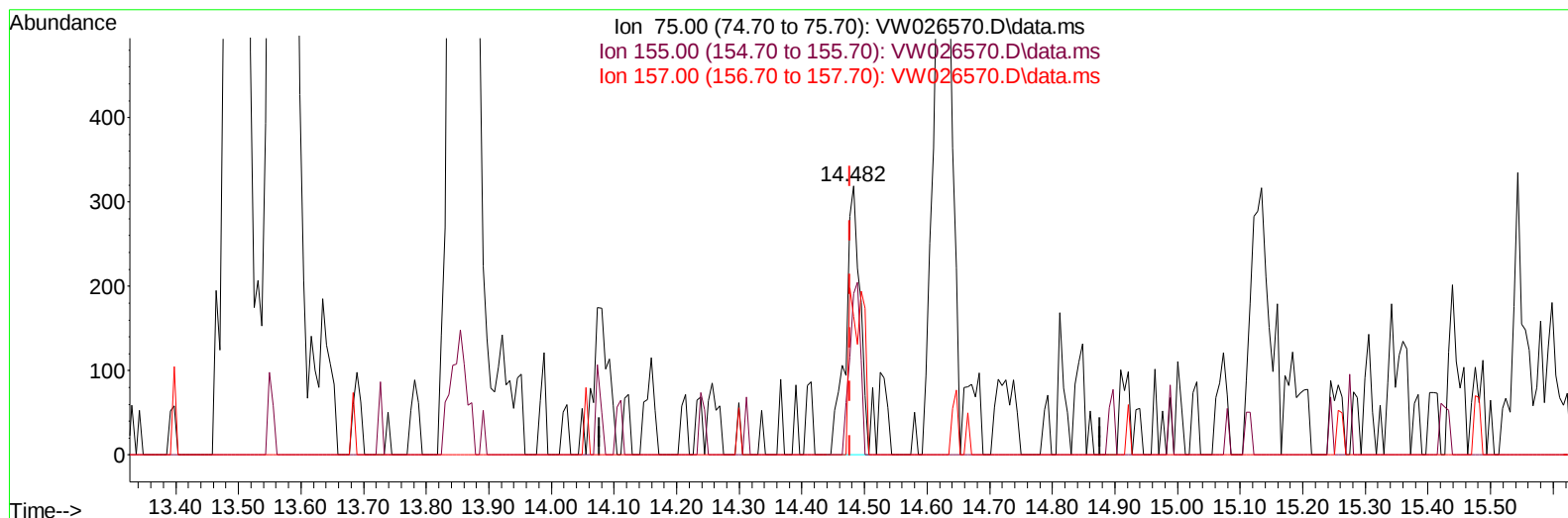
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Instrument :
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 ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: VW026570.D\data.ms

(68) 1,2-Dibromo-3-chloropropane (T)

14.482min (+ 0.006) 10.90 ug/L m

response 513

Ion	Exp%	Act%
75.00	100.00	100.00
155.00	71.60	59.87
157.00	96.10	51.41#
0.00	0.00	0.00

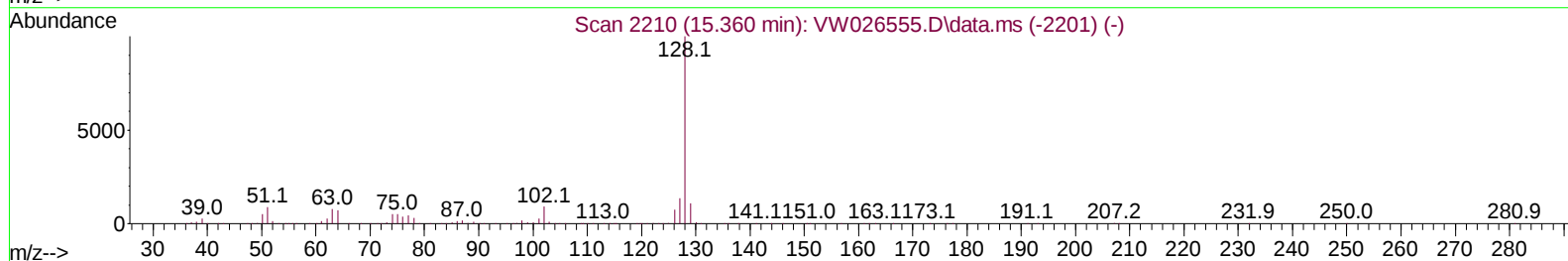
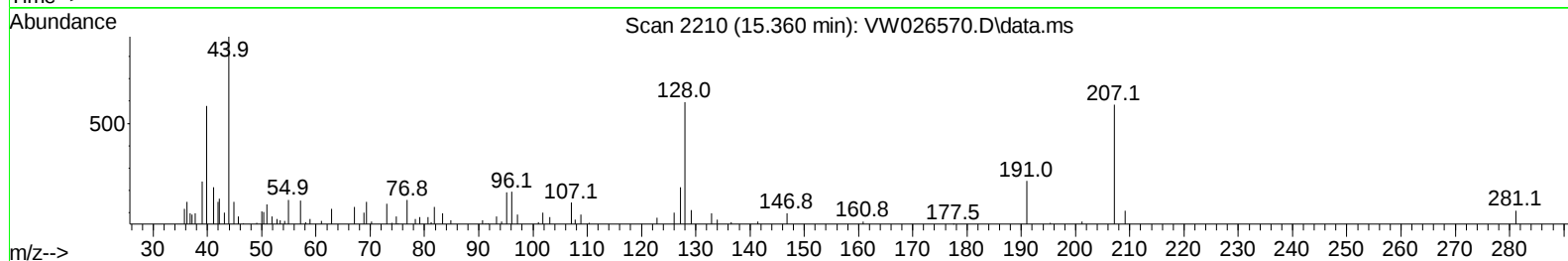
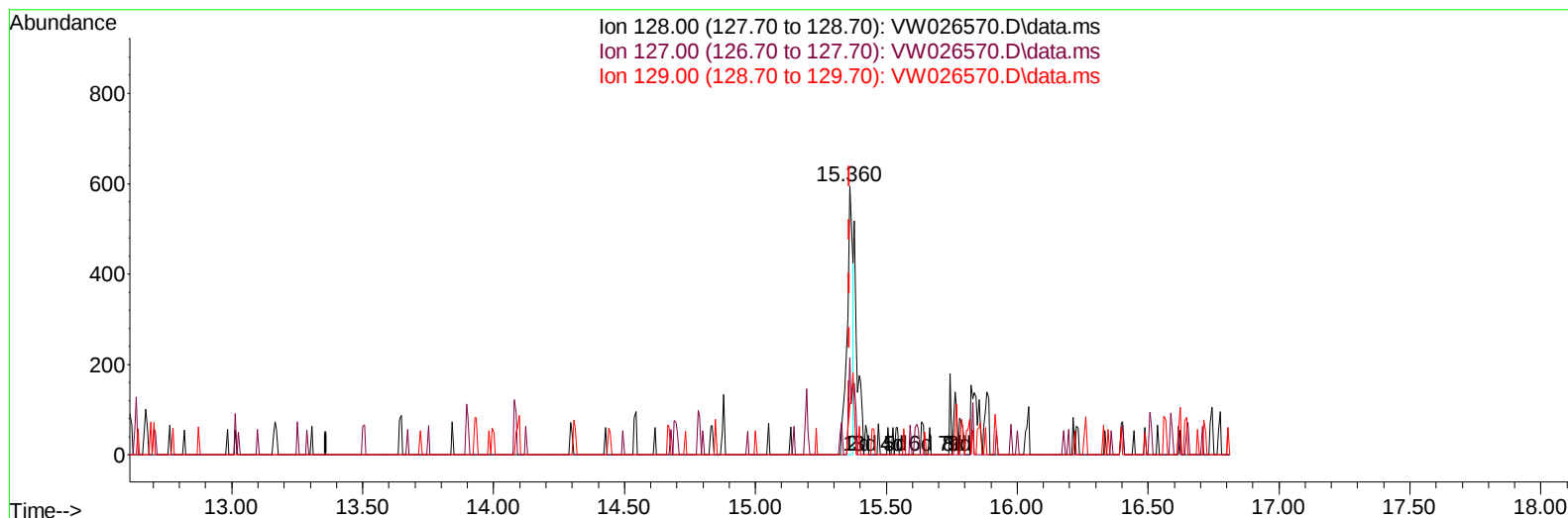
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MSVOA_W
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TIC: VW026570.D\data.ms

(71) Naphthalene

15.360min (-0.000) 1.55 ug/L

response 880

Ion	Exp%	Act%
128.00	100.00	100.00
127.00	12.70	16.59#
129.00	10.80	0.00#
0.00	0.00	0.00

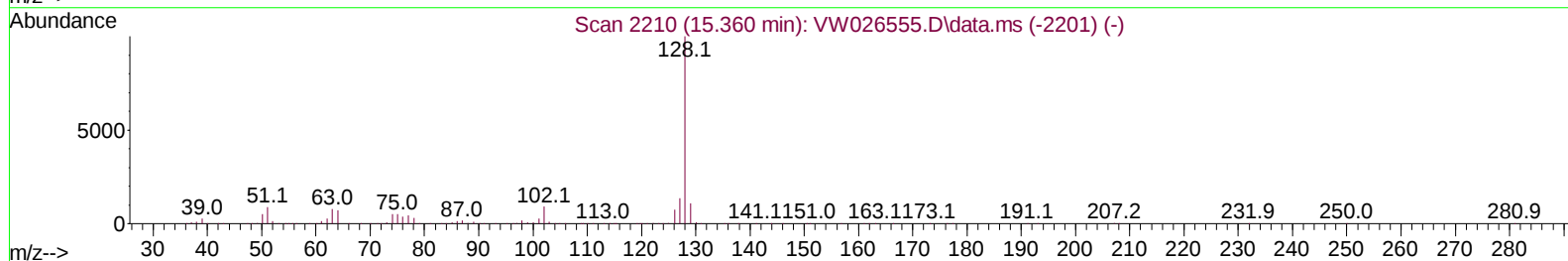
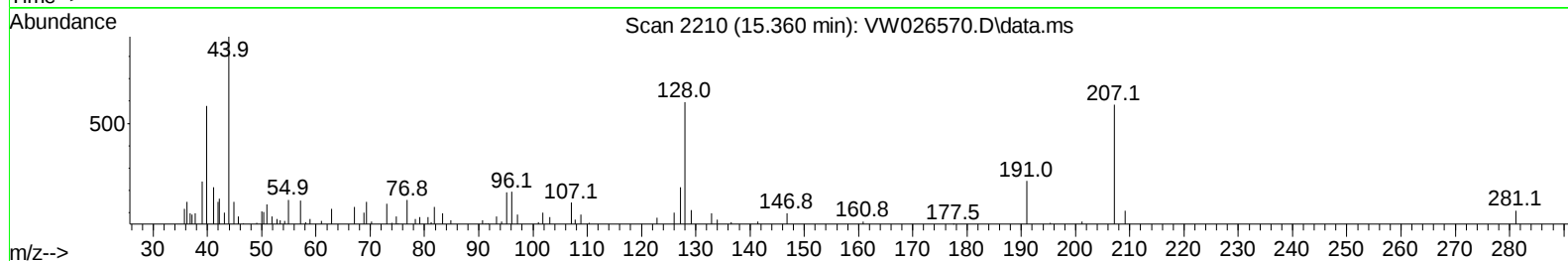
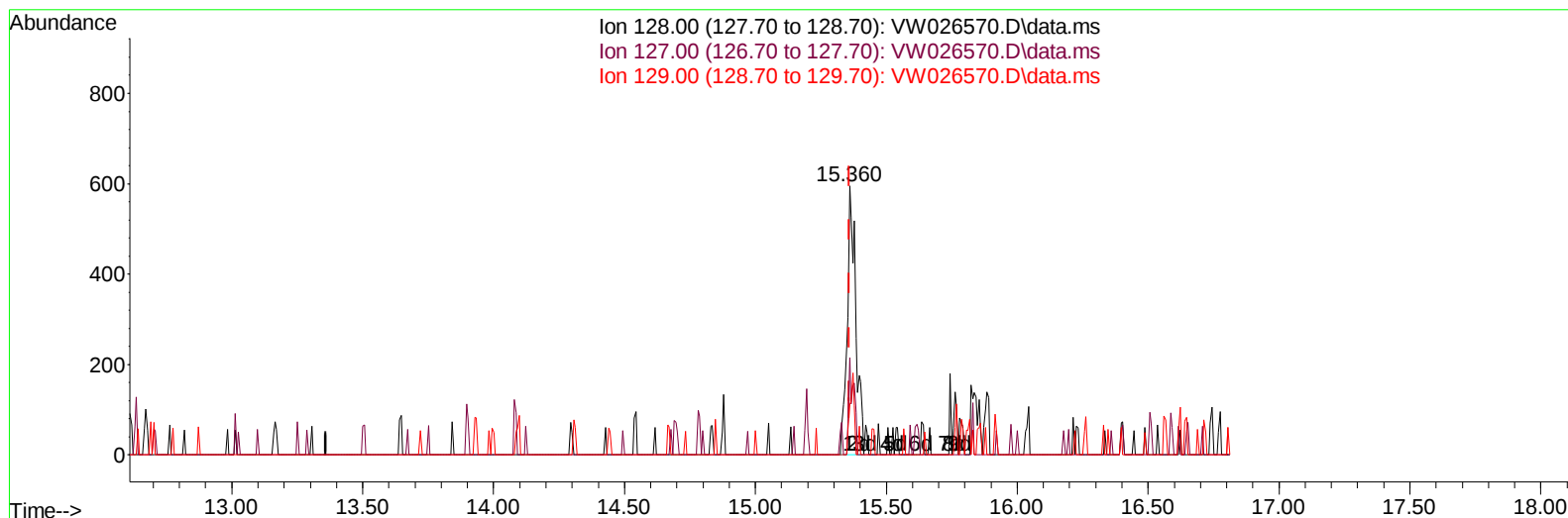
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 Operator : SY/MD
 Sample : 03551-05MS
 Misc : 8.11g/10mL/MSVOA_W/SOIL
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Instrument :
 MSVOA_W
 ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: VW026570.D\data.ms

(71) Naphthalene

15.360min (-0.000) 2.41 ug/L m

response 1369

Ion	Exp%	Act%
128.00	100.00	100.00
127.00	12.70	10.66
129.00	10.80	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	8.843	114	31729	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.635	117	20625	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	7163	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.350	65	49503	103.757	ug/L	-0.01
Spiked Amount 25.000	Range 30	- 150	Recovery	= 415.040%#		
7) Chloroethane-d5	2.899	69	40210	101.871	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	= 407.480%#		
11) 1,1-Dichloroethene-d2	4.039	65	23477	105.500	ug/L	0.02
Spiked Amount 25.000	Range 45	- 110	Recovery	= 422.000%#		
21) 2-Butanone-d5	7.106	46	4133m	22.644	ug/L	0.03
Spiked Amount 50.000	Range 20	- 135	Recovery	= 45.280%		
24) Chloroform-d	7.654	84	69772	74.640	ug/L	0.00
Spiked Amount 25.000	Range 40	- 150	Recovery	= 298.560%#		
26) 1,2-Dichloroethane-d4	8.313	65	21552	39.640	ug/L	0.01
Spiked Amount 25.000	Range 70	- 130	Recovery	= 158.560%#		
32) Benzene-d6	8.276	84	148004	112.549	ug/L	0.00
Spiked Amount 25.000	Range 20	- 135	Recovery	= 450.200%#		
36) 1,2-Dichloropropane-d6	9.276	67	38197	91.105	ug/L	0.00
Spiked Amount 25.000	Range 70	- 120	Recovery	= 364.440%#		
41) Toluene-d8	10.324	98	118794	100.625	ug/L	0.00
Spiked Amount 25.000	Range 30	- 130	Recovery	= 402.520%#		
43) trans-1,3-Dichloroprop...	10.580	79	7819	45.982	ug/L	0.00
Spiked Amount 25.000	Range 30	- 135	Recovery	= 183.920%#		
47) 2-Hexanone-d5	0.000	63	0d	0.000	ug/L	
Spiked Amount 50.000	Range 20	- 135	Recovery	= 0.000%#		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	13674	37.273	ug/L	0.00
Spiked Amount 25.000	Range 45	- 120	Recovery	= 149.080%#		
66) 1,2-Dichlorobenzene-d4	13.848	152	16584	58.295	ug/L	0.00
Spiked Amount 25.000	Range 75	- 120	Recovery	= 233.200%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.003	85	31620	87.437	ug/L	95
3) Chloromethane	2.210	50	23672	40.479	ug/L	94
5) Vinyl chloride	2.369	62	33708	58.526	ug/L	99
6) Bromomethane	2.795	94	13565	40.340	ug/L	98
8) Chloroethane	2.936	64	17945	51.724	ug/L	99
9) Trichlorofluoromethane	3.277	101	41942	113.287	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	28447	65.716	ug/L #	84
12) 1,1-Dichloroethene	4.057	96	21774	54.384	ug/L	86
13) Acetone	4.124	43	190353	1681.588	ug/L	100
14) Carbon disulfide	4.399	76	65314	51.386	ug/L	100
16) Methylene chloride	4.929	84	17763	31.414	ug/L	88
17) trans-1,2-Dichloroethene	5.435	96	19198	42.608	ug/L	91
18) Methyl tert-butyl Ether	5.435	73	10905m	13.843	ug/L	
19) 1,1-Dichloroethane	6.221	63	34507	35.563	ug/L	100
20) cis-1,2-Dichloroethene	7.179	96	15059	29.131	ug/L	91
22) 2-Butanone	7.179	43	9124	43.306	ug/L	94
23) Bromochloromethane	7.526	128	4282	20.001	ug/L #	72
25) Chloroform	7.685	83	28493	32.768	ug/L	100

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Manual IntegrationsAPPROVED

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 Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.410	62	10938	17.071	ug/L #	88
29) Cyclohexane	7.959	56	42872	74.613	ug/L	97
30) 1,1,1-Trichloroethane	7.880	97	34663	74.697	ug/L	99
31) Carbon tetrachloride	8.075	117	31081	74.290	ug/L	99
33) Benzene	8.331	78	77511	58.030	ug/L	100
34) Trichloroethene	9.093	95	21244	62.357	ug/L	93
35) Methylcyclohexane	9.343	83	38328	65.864	ug/L	92
37) 1,2-Dichloropropane	9.373	63	15188	41.505	ug/L	98
38) Bromodichloromethane	9.648	83	14485	33.547	ug/L #	96
39) cis-1,3-Dichloropropene	10.074	75	13870	25.706	ug/L	98
40) 4-Methyl-2-pentanone	10.215	43	2880	10.171	ug/L #	74
42) Toluene	10.391	91	66621	49.002	ug/L	98
44) trans-1,3-Dichloropropene	10.611	75	8911	19.706	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	5730	21.302	ug/L	93
46) Tetrachloroethene	10.861	164	20453	85.556	ug/L	83
49) Dibromochloromethane	11.129	129	5926	21.988	ug/L	98
50) 1,2-Dibromoethane	11.233	107	4221	17.111	ug/L #	97
51) Chlorobenzene	11.660	112	30382	34.189	ug/L	92
52) Ethylbenzene	11.733	91	63378	39.476	ug/L	99
53) m,p-Xylene	11.836	106	22477	38.289	ug/L	86
54) o-Xylene	12.166	106	18604	32.709	ug/L	84
55) Styrene	12.184	104	24821	25.519	ug/L	92
57) 1,1,2,2-Tetrachloroethane	12.714	83	5125	14.553	ug/L #	97
59) Bromoform	12.348	173	2717	24.180	ug/L #	93
60) Isopropylbenzene	12.464	105	64242	58.475	ug/L	98
61) 1,2,3-Trichloropropane	12.769	75	3598	19.280	ug/L	96
62) 1,3,5-Trimethylbenzene	12.940	105	37538	41.440	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	30494	34.995	ug/L	98
64) 1,3-Dichlorobenzene	13.501	146	15603	33.382	ug/L	85
65) 1,4-Dichlorobenzene	13.580	146	13937	29.904	ug/L	96
67) 1,2-Dichlorobenzene	13.866	146	10425	23.676	ug/L #	88
68) 1,2-Dibromo-3-chloropr...	14.482	75	513m	10.901	ug/L	
69) 1,3,5-Trichlorobenzene	14.622	180	6016	19.350	ug/L	99
70) 1,2,4-trichlorobenzene	15.135	180	2222	8.761	ug/L	94
71) Naphthalene	15.360	128	1369m	2.412	ug/L	
72) 1,2,3-Trichlorobenzene	15.555	180	743	3.279	ug/L #	72

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

