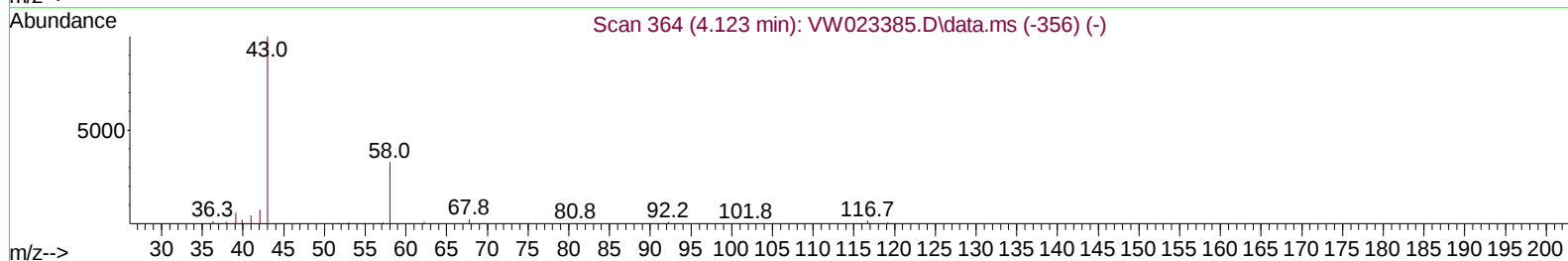
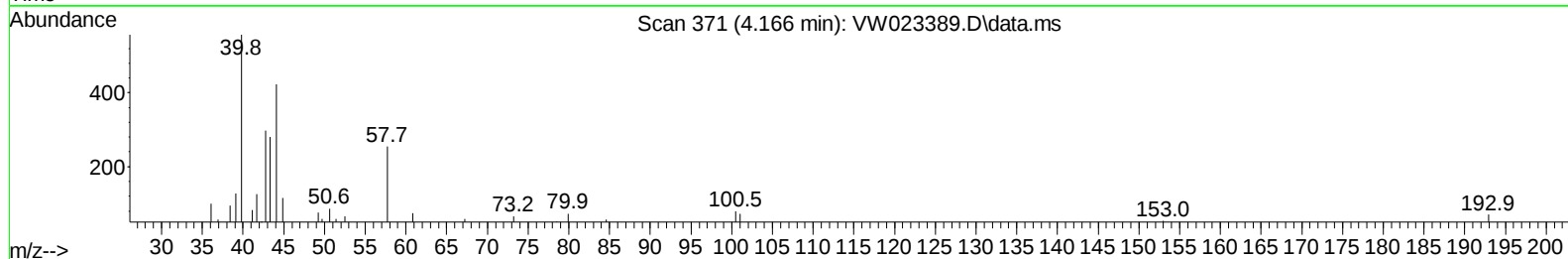
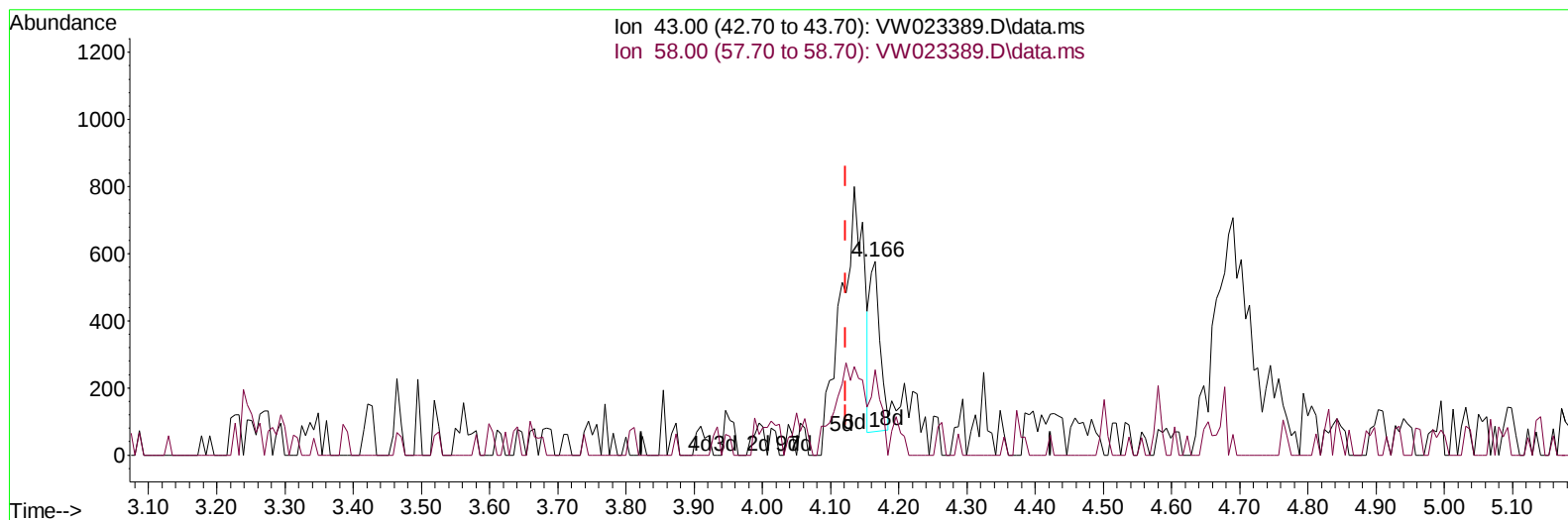


Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060322\
 Data File : VW023389.D
 Acq On : 03 Jun 2022 10:43
 Operator : SY/VA
 Sample : N3171-04REMSD
 Misc : 5.28g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 03 23:34:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 03 23:33:12 2022
 Response via : Initial Calibration



TIC: VW023389.D\data.ms

(13) Acetone (T)

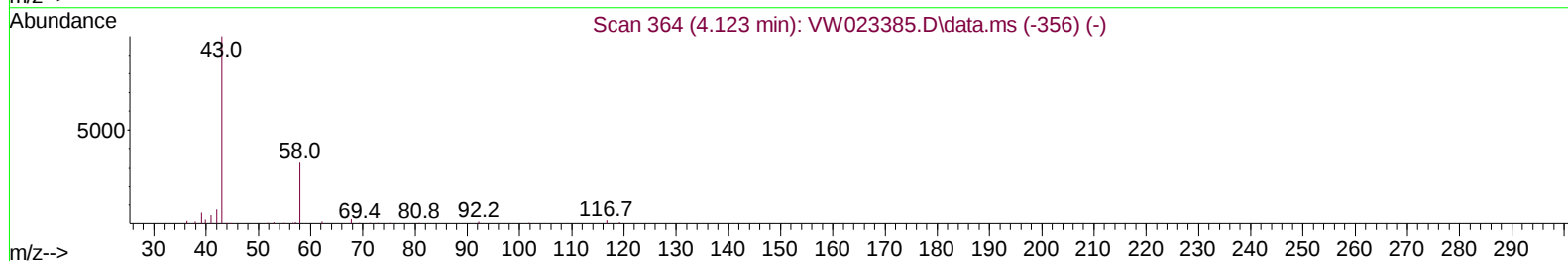
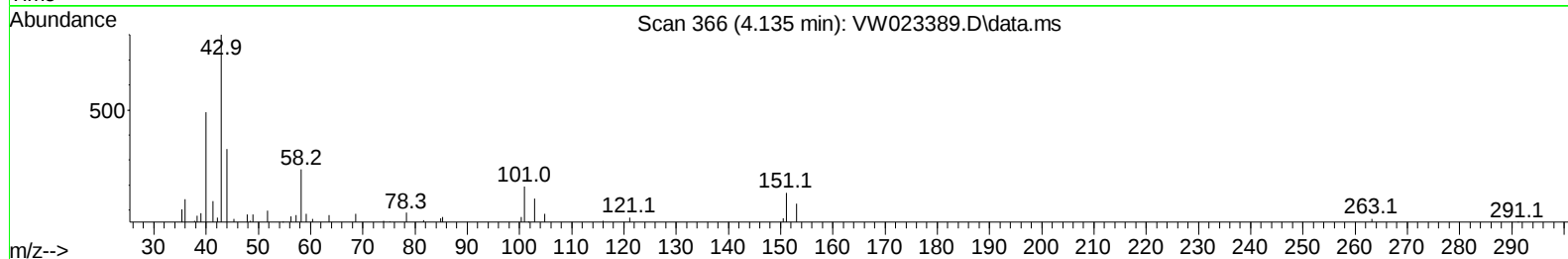
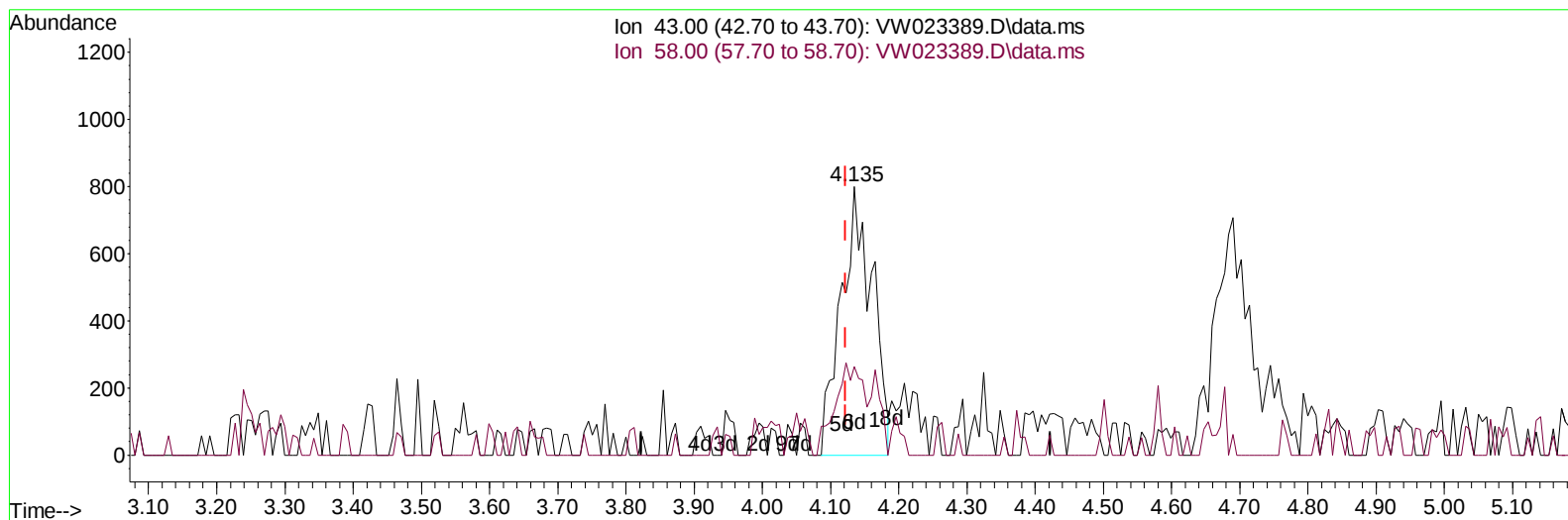
4.166min (+ 0.043) 7.87 ug/L

response 527

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	32.00	50.28
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060322\
 Data File : VW023389.D
 Acq On : 03 Jun 2022 10:43
 Operator : SY/VA
 Sample : N3171-04REMSD
 Misc : 5.28g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 03 23:34:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 03 23:33:12 2022
 Response via : Initial Calibration



TIC: VW023389.D\data.ms

(13) Acetone (T)

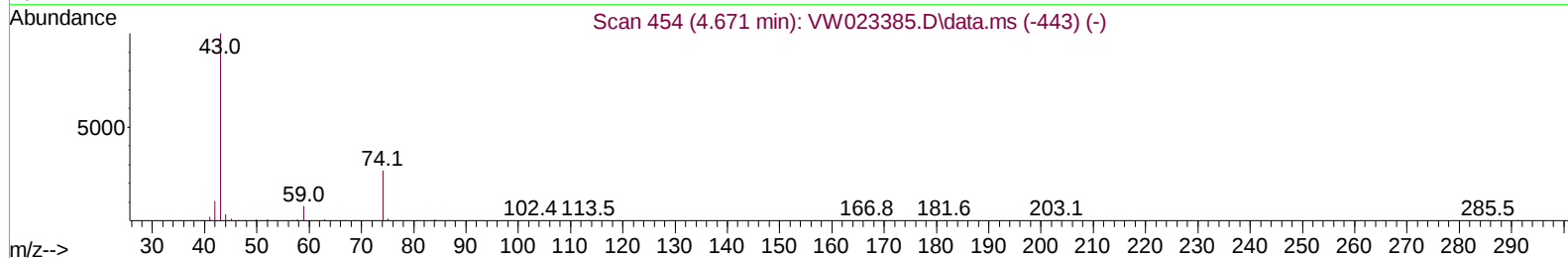
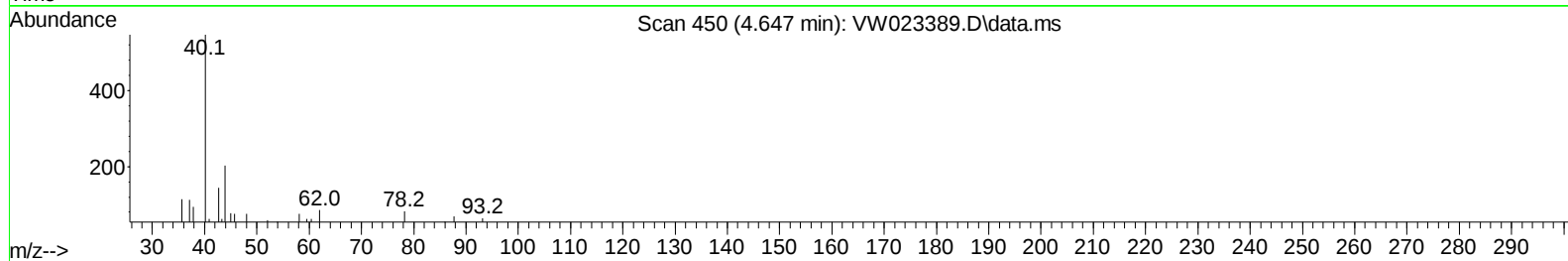
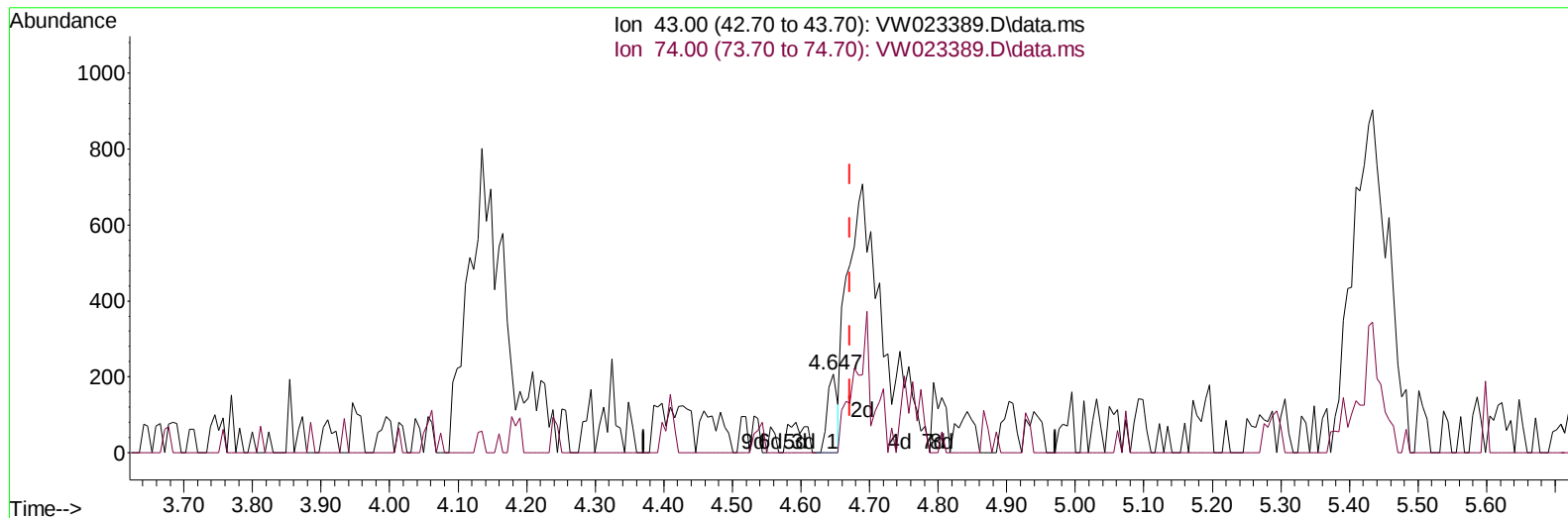
4.135min (+ 0.013) 38.04 ug/L m

response 2548

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	32.00	10.40
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060322\
 Data File : VW023389.D
 Acq On : 03 Jun 2022 10:43
 Operator : SY/VA
 Sample : N3171-04REMSD
 Misc : 5.28g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 03 23:34:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 03 23:33:12 2022
 Response via : Initial Calibration



TIC: VW023389.D\data.ms

(15) Methyl Acetate (T)

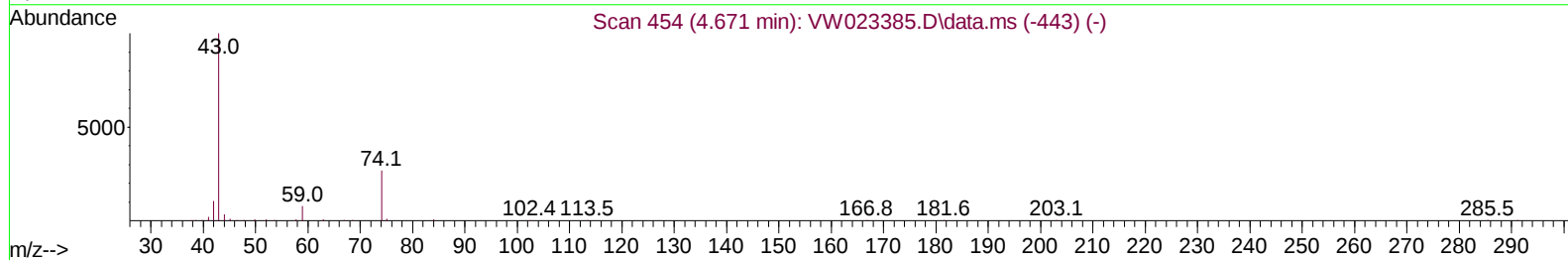
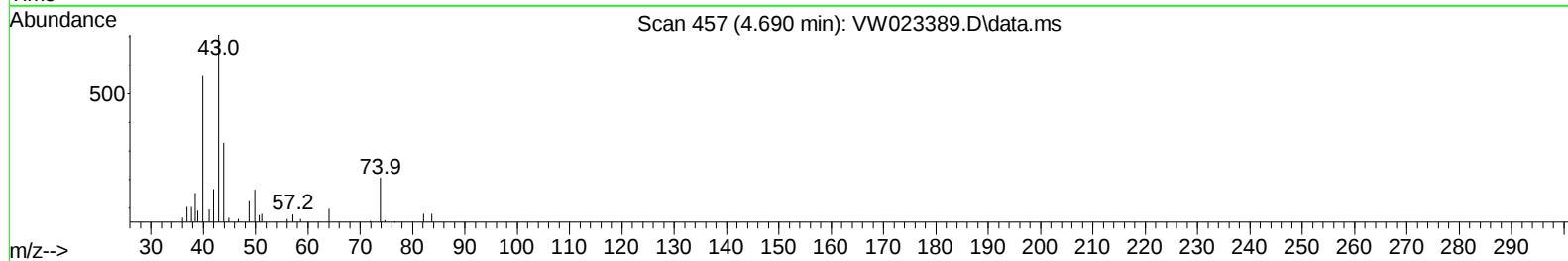
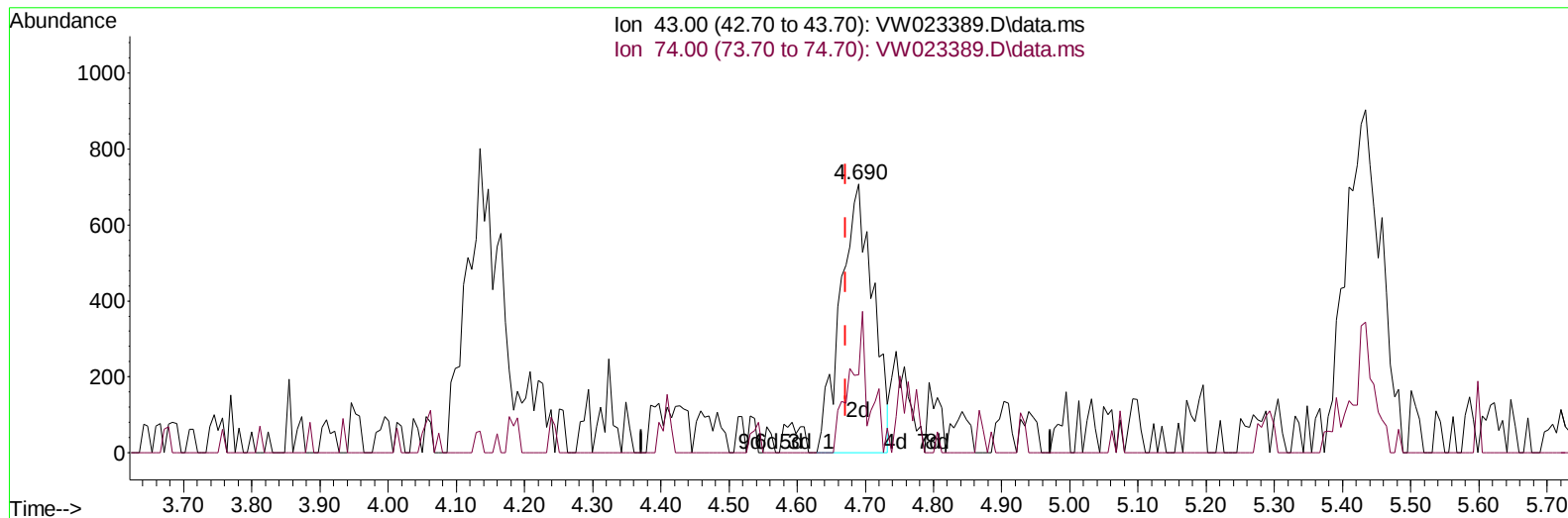
4.647min (-0.024) 1.41 ug/L

response 207

Ion	Exp%	Act%
43.00	100.00	100.00
74.00	27.40	67.15#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060322\
Data File : VW023389.D
Acq On : 03 Jun 2022 10:43
Operator : SY/VA
Sample : N3171-04REMSD
Misc : 5.28g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 03 23:34:22 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060222SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jun 03 23:33:12 2022
Response via : Initial Calibration



TIC: VW023389.D\data.ms

(15) Methyl Acetate (T)

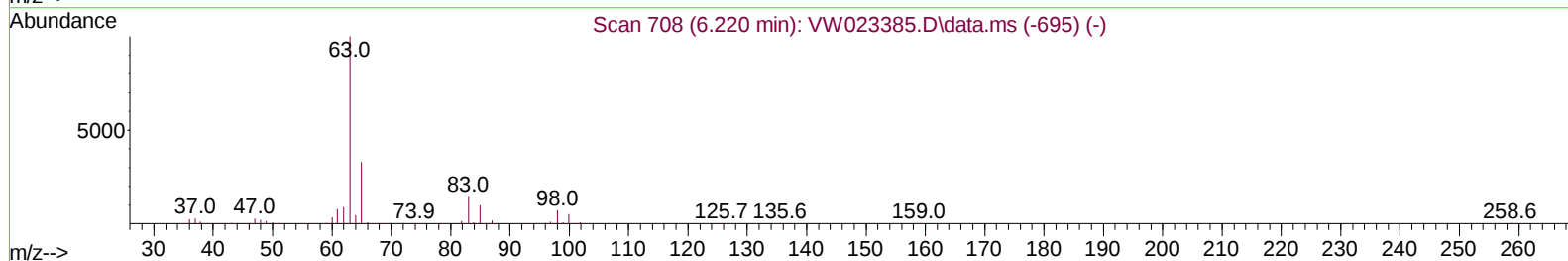
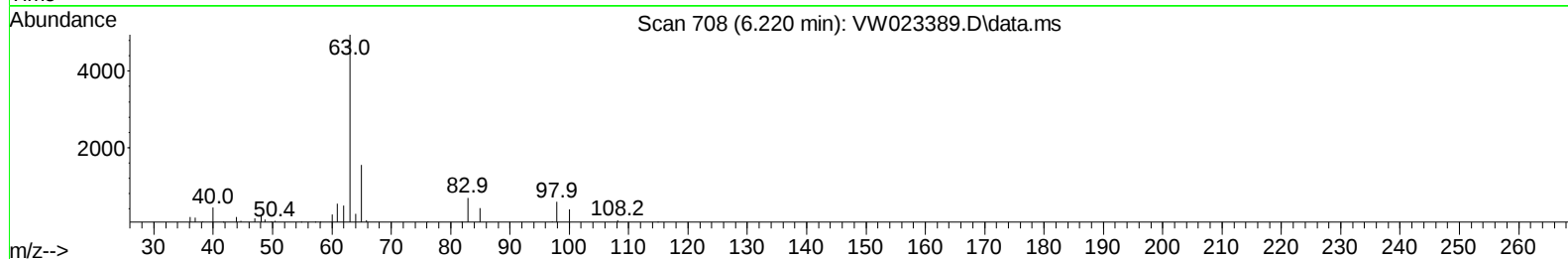
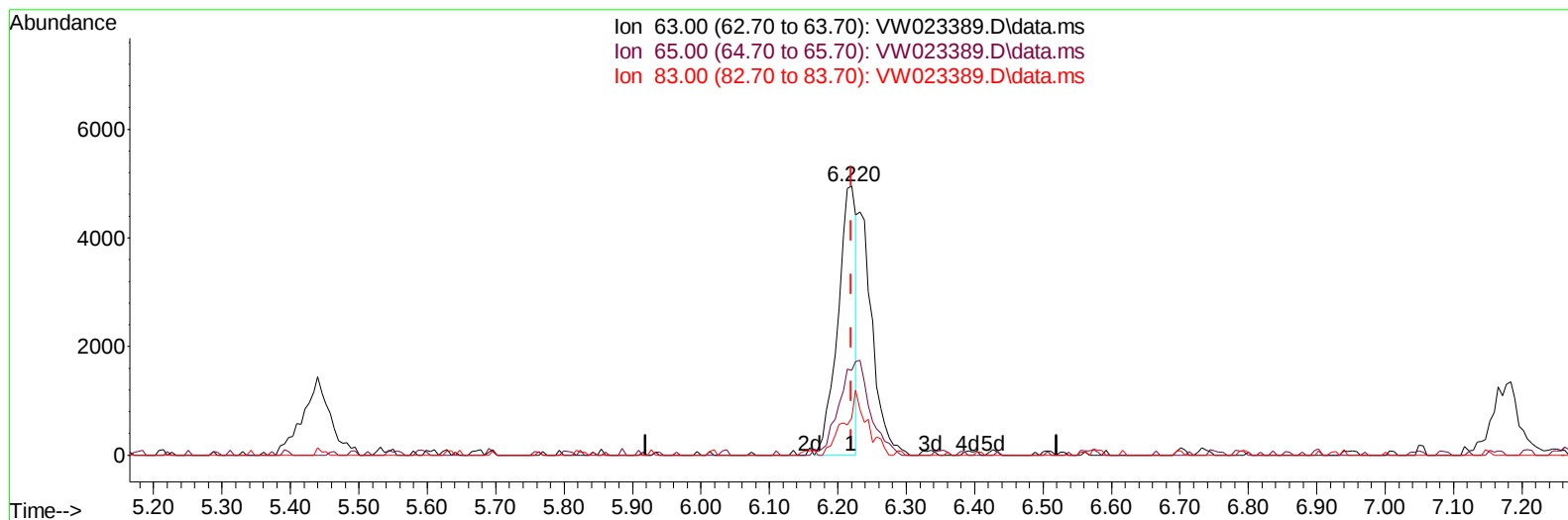
4.690min (+ 0.019) 15.96 ug/L m

response 2348

Ion	Exp%	Act%
43.00	100.00	100.00
74.00	27.40	5.92#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060322\
Data File : VW023389.D
Acq On : 03 Jun 2022 10:43
Operator : SY/VA
Sample : N3171-04REMSD
Misc : 5.28g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 03 23:34:22 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060222SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jun 03 23:33:12 2022
Response via : Initial Calibration



TIC: VW023389.D\data.ms

(19) 1,1-Dichloroethane (T)

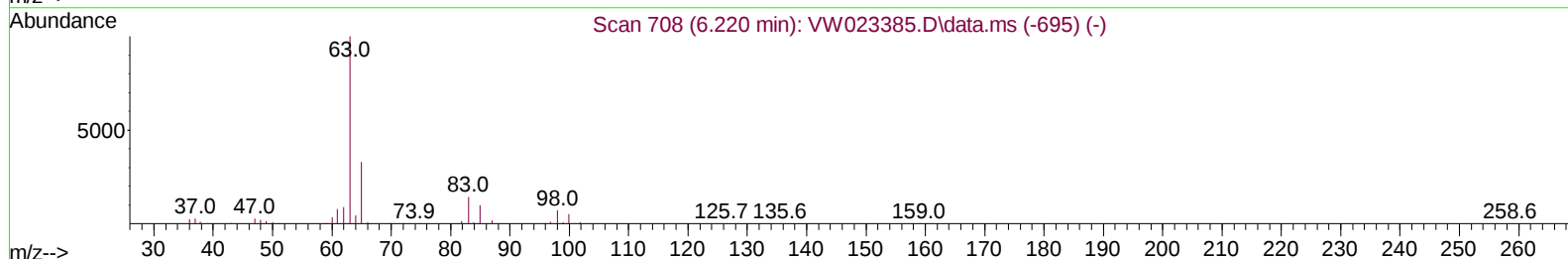
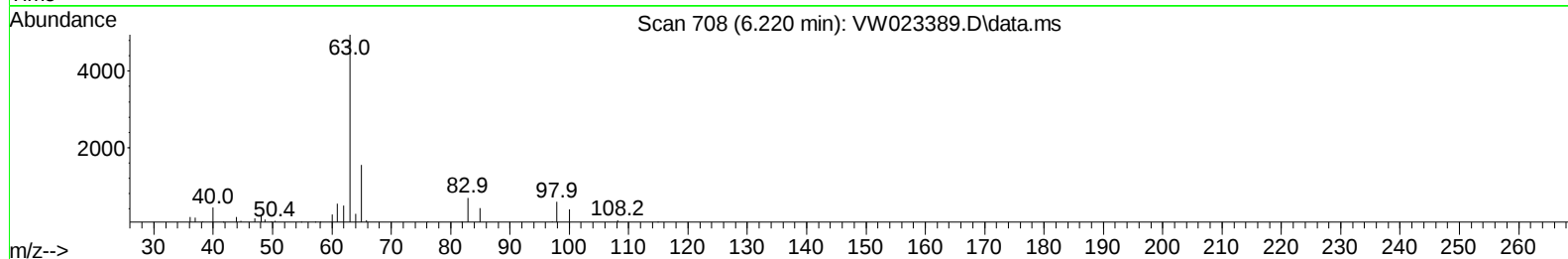
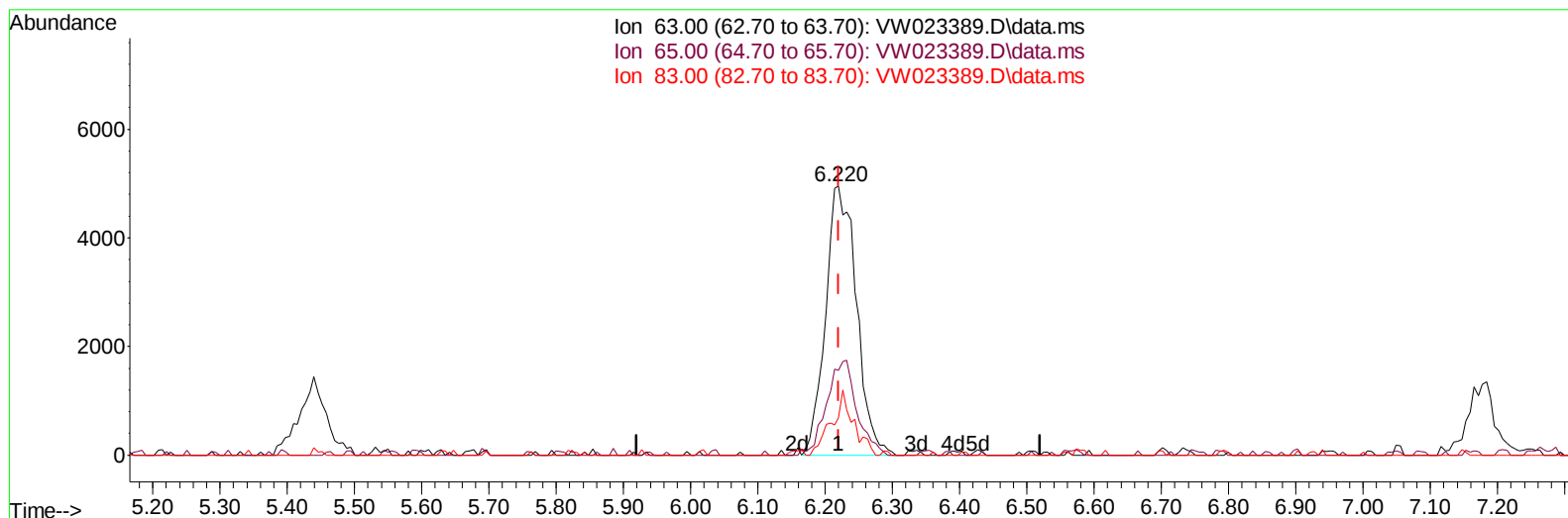
6.220min (+ 0.000) 13.63 ug/L

response 9276

Ion	Exp%	Act%
63.00	100.00	100.00
65.00	33.30	31.40
83.00	15.80	13.83
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060322\
Data File : VW023389.D
Acq On : 03 Jun 2022 10:43
Operator : SY/VA
Sample : N3171-04REMSD
Misc : 5.28g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 03 23:34:22 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060222SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jun 03 23:33:12 2022
Response via : Initial Calibration



TIC: VW023389.D\data.ms

(19) 1,1-Dichloroethane (T)

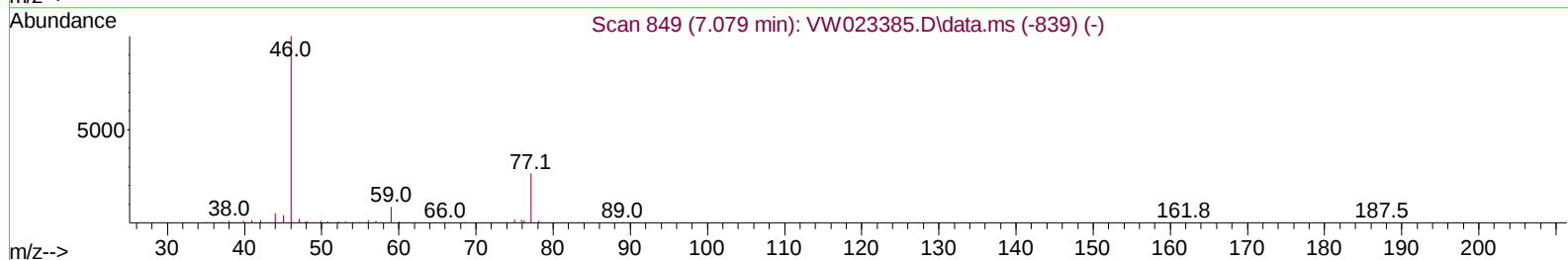
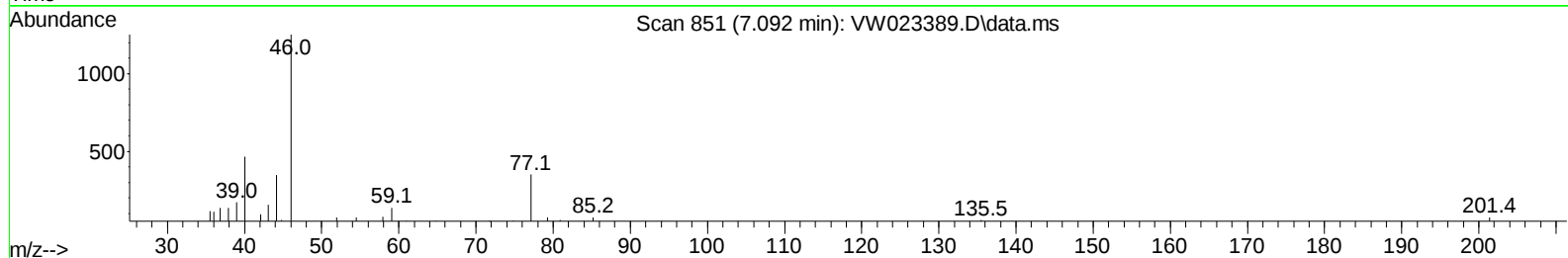
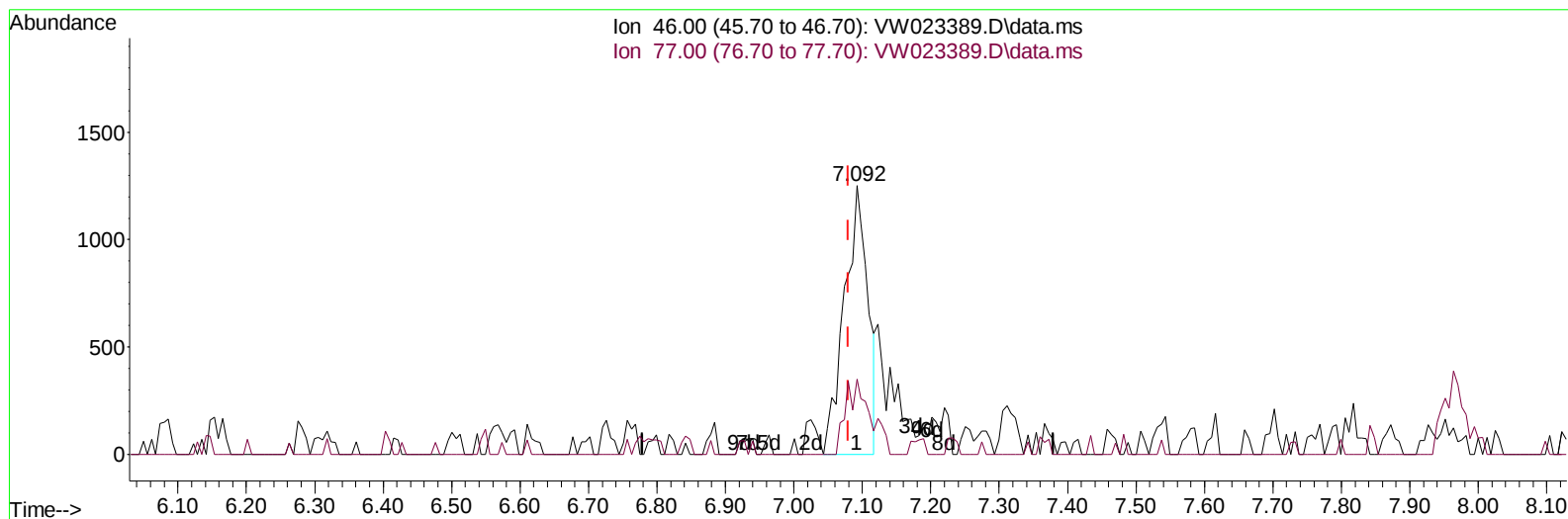
6.220min (+ 0.000) 23.21 ug/L m

response 15794

Ion	Exp%	Act%
63.00	100.00	100.00
65.00	33.30	31.40
83.00	15.80	13.83
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060322\
Data File : VW023389.D
Acq On : 03 Jun 2022 10:43
Operator : SY/VA
Sample : N3171-04REMSD
Misc : 5.28g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 03 23:34:22 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060222SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jun 03 23:33:12 2022
Response via : Initial Calibration



TIC: VW023389.D\data.ms

(21) 2-Butanone-d5 (S)

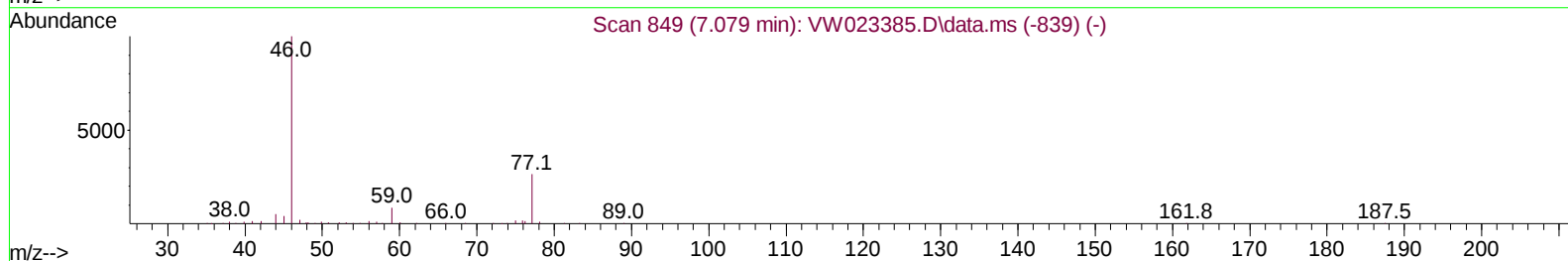
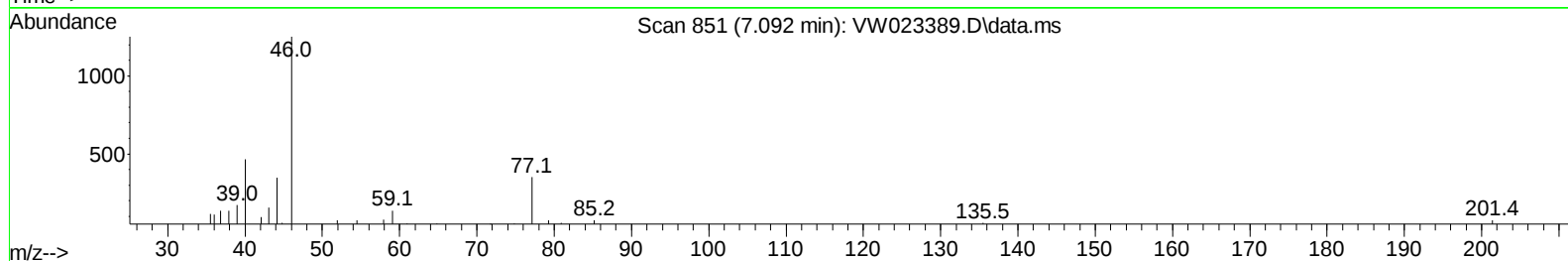
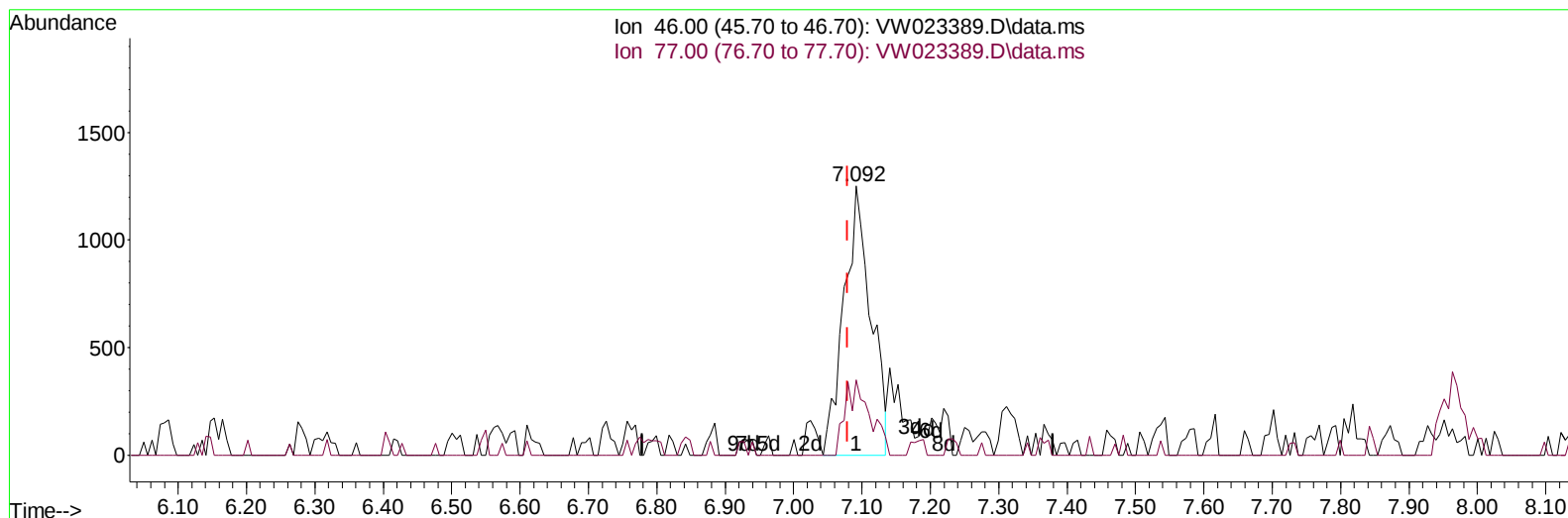
7.092min (+ 0.013) 32.54 ug/L

response 2967

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	25.90	14.32#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060322\
 Data File : VW023389.D
 Acq On : 03 Jun 2022 10:43
 Operator : SY/VA
 Sample : N3171-04REMSD
 Misc : 5.28g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 03 23:34:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 03 23:33:12 2022
 Response via : Initial Calibration



TIC: VW023389.D\data.ms

(21) 2-Butanone-d5 (S)

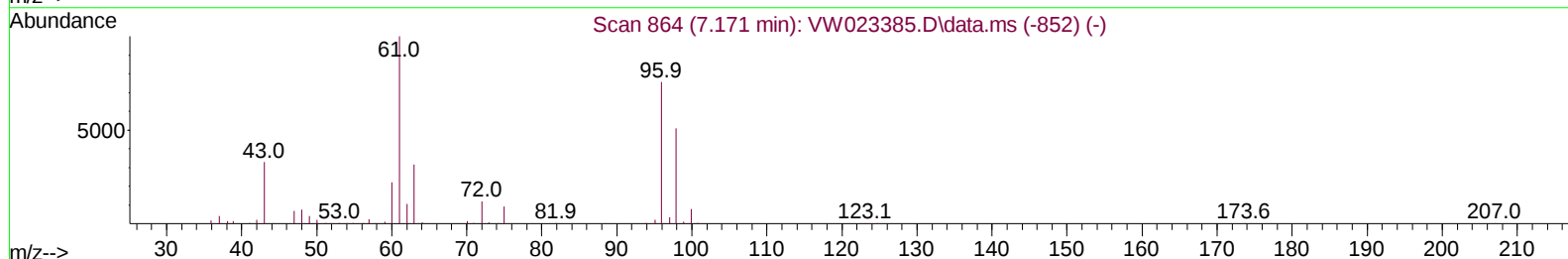
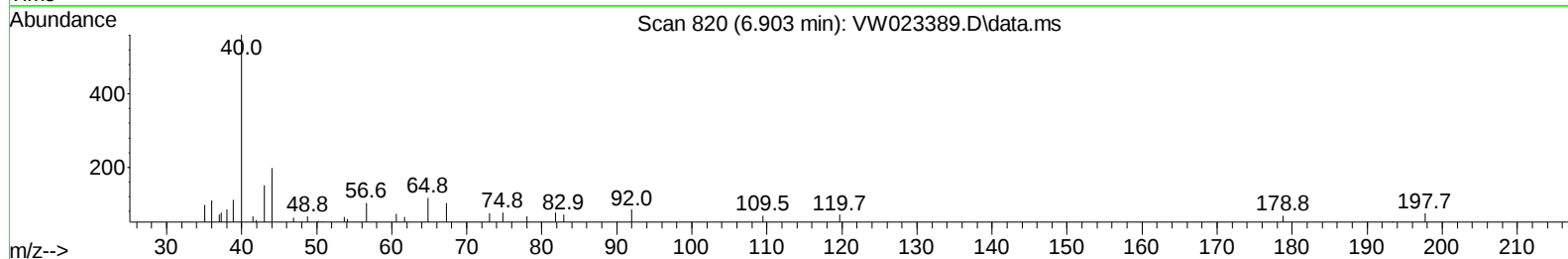
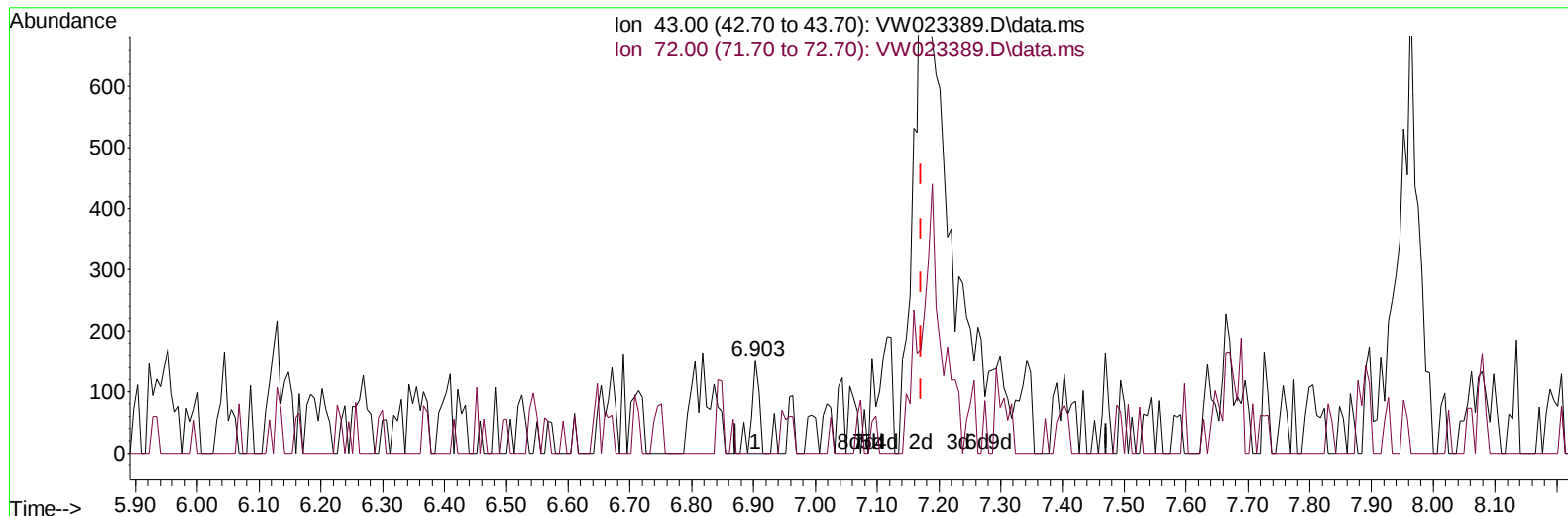
7.092min (+ 0.013) 37.50 ug/L m

response 3419

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	25.90	12.43#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060322\
 Data File : VW023389.D
 Acq On : 03 Jun 2022 10:43
 Operator : SY/VA
 Sample : N3171-04REMSD
 Misc : 5.28g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 03 23:34:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 03 23:33:12 2022
 Response via : Initial Calibration



TIC: VW023389.D\data.ms

(22) 2-Butanone (T)

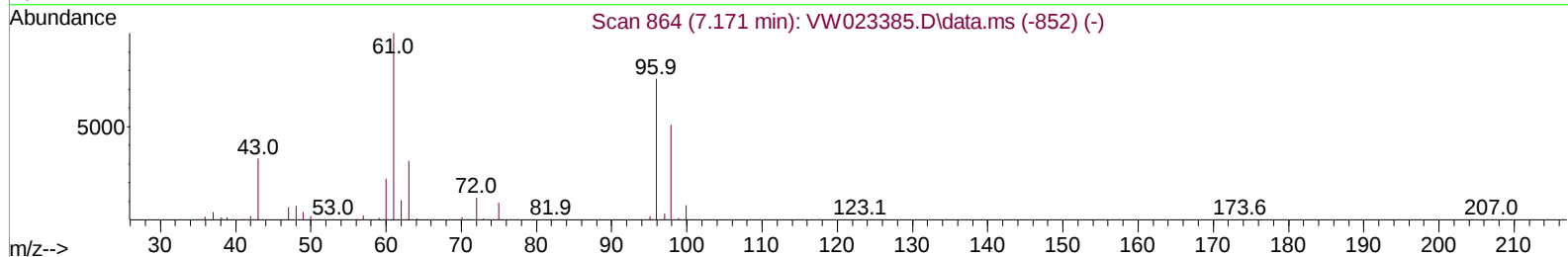
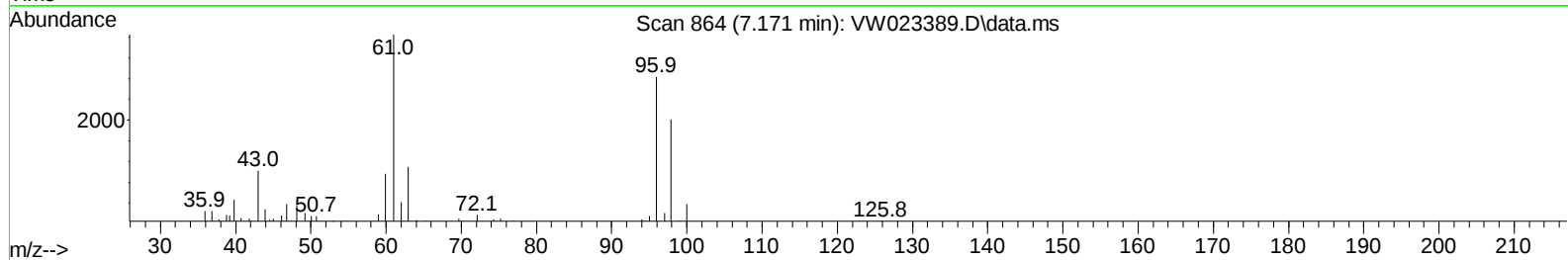
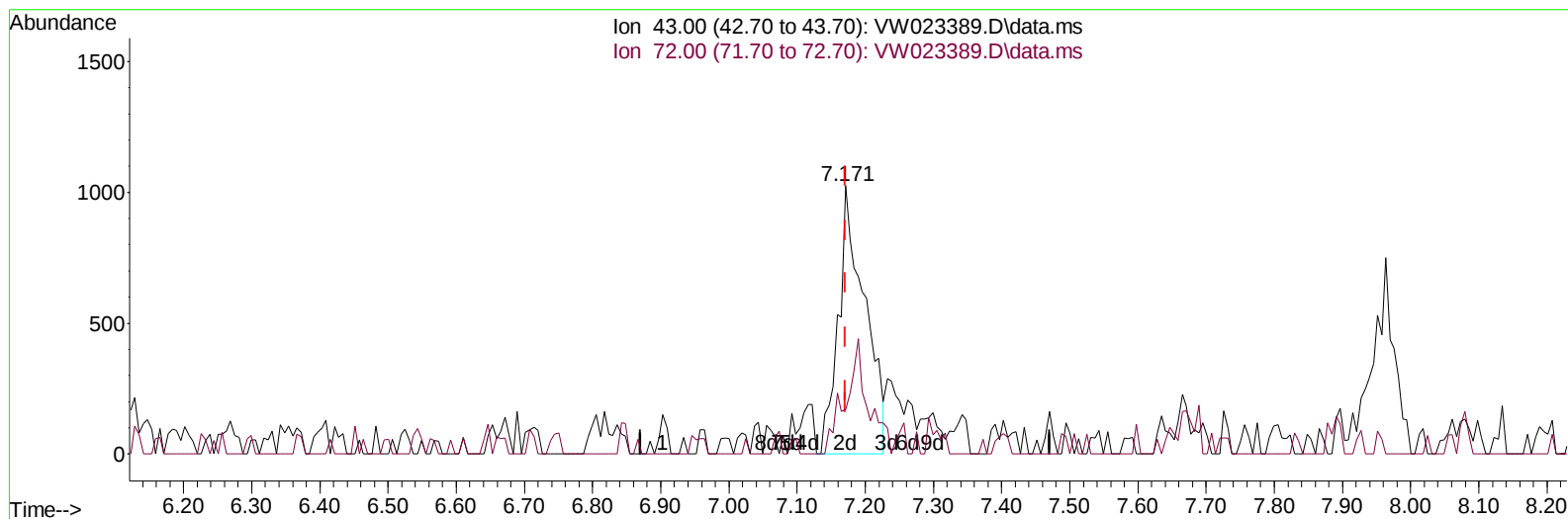
6.903min (-0.268) 1.13 ug/L

response 113

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	30.20	40.71
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060322\
Data File : VW023389.D
Acq On : 03 Jun 2022 10:43
Operator : SY/VA
Sample : N3171-04REMSD
Misc : 5.28g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 03 23:34:22 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060222SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jun 03 23:33:12 2022
Response via : Initial Calibration



TIC: VW023389.D\data.ms

(22) 2-Butanone (T)

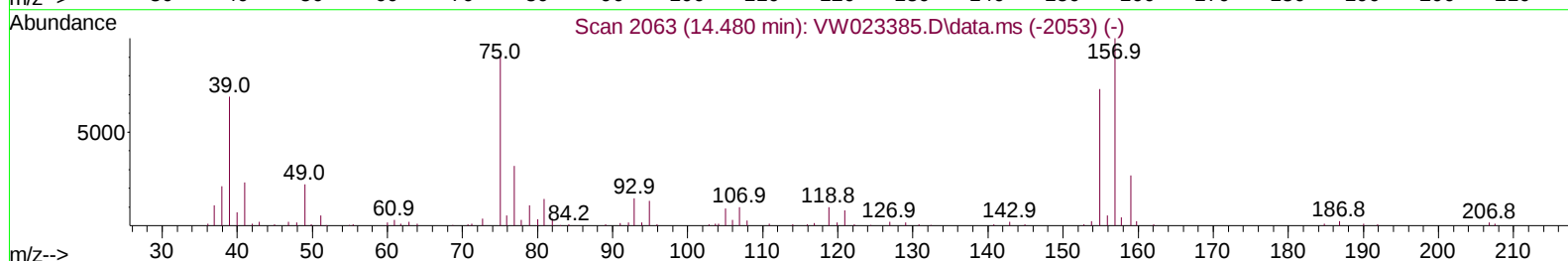
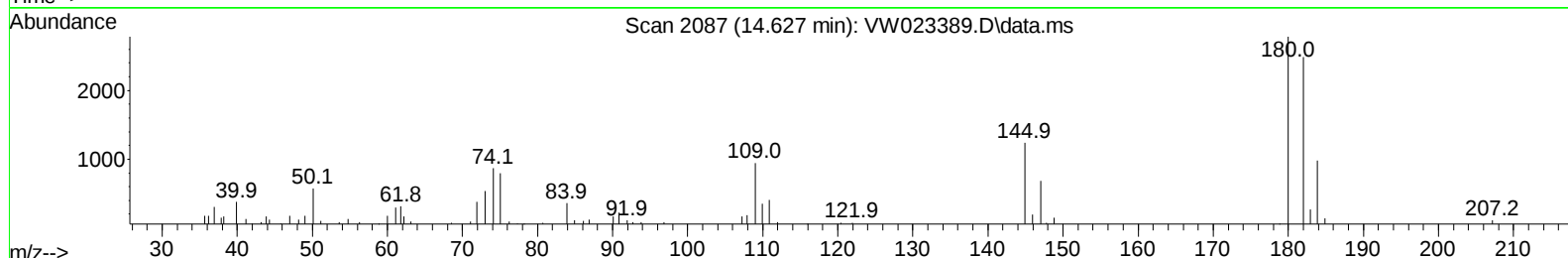
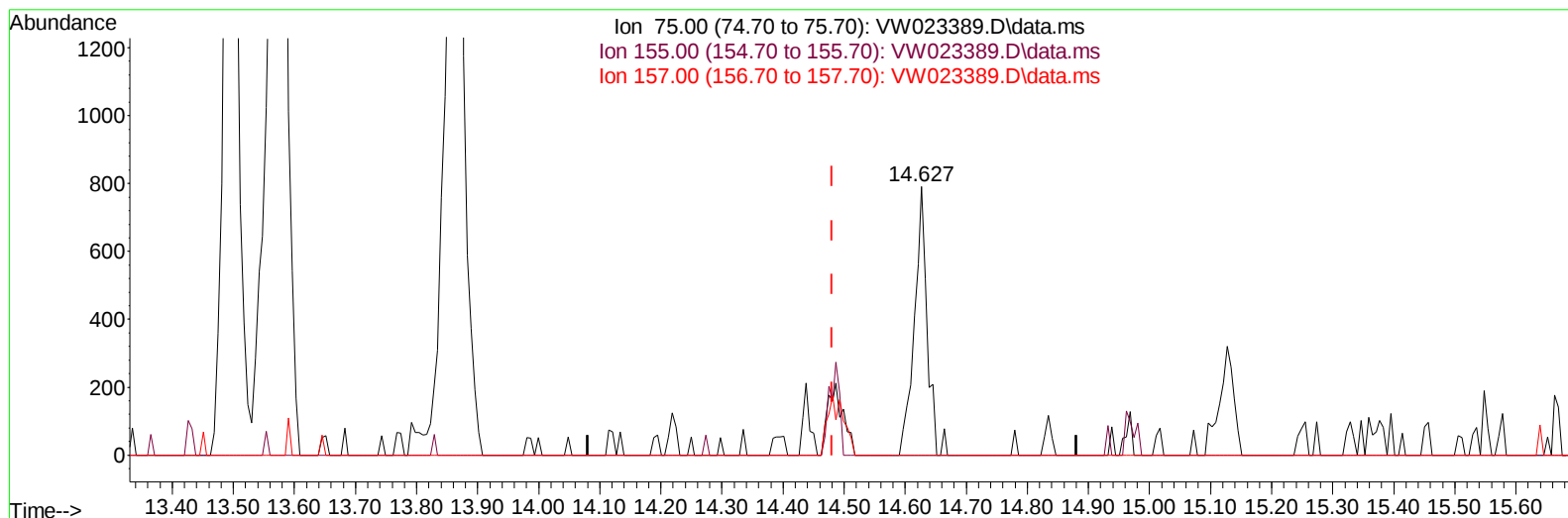
7.171min (+ 0.000) 27.54 ug/L m

response 2742

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	30.20	1.68#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060322\
Data File : VW023389.D
Acq On : 03 Jun 2022 10:43
Operator : SY/VA
Sample : N3171-04REMSD
Misc : 5.28g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 03 23:34:22 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060222SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jun 03 23:33:12 2022
Response via : Initial Calibration



TIC: VW023389.D\data.ms

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

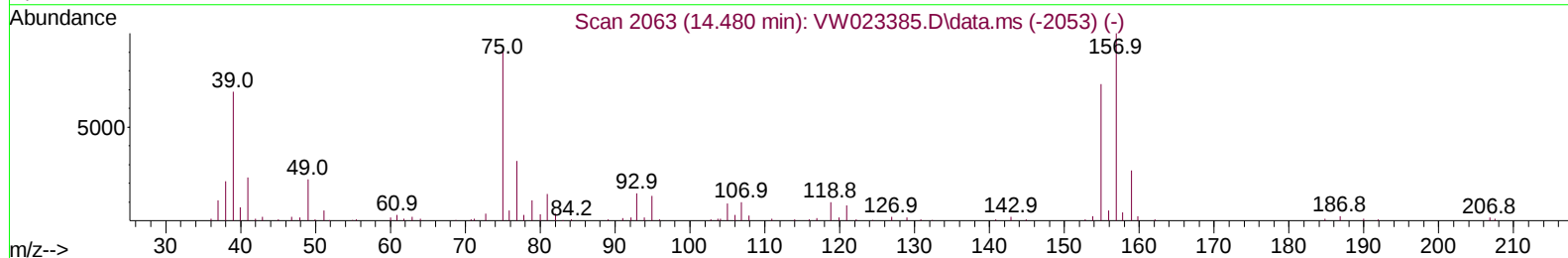
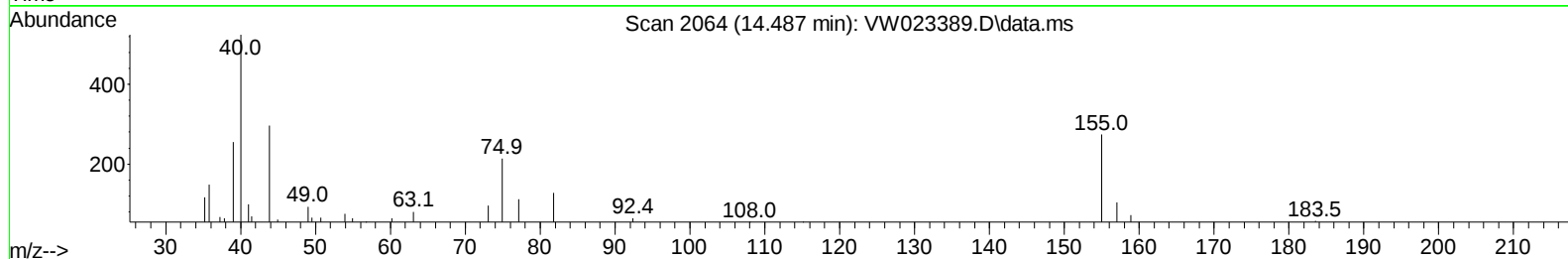
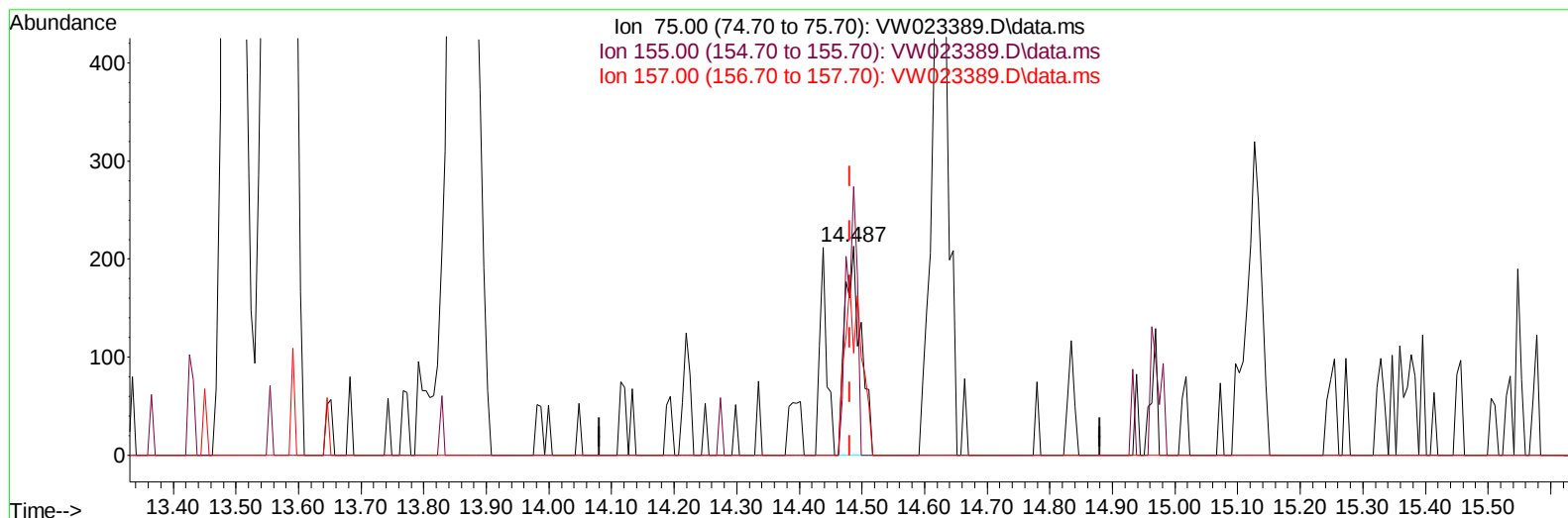
14.627min (+ 0.147) 30.11 ug/L

response 1170

Ion	Exp%	Act%
75.00	100.00	100.00
155.00	74.10	0.00#
157.00	112.30	0.00#
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060322\
Data File : VW023389.D
Acq On : 03 Jun 2022 10:43
Operator : SY/VA
Sample : N3171-04REMSD
Misc : 5.28g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 03 23:34:22 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060222SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jun 03 23:33:12 2022
Response via : Initial Calibration



TIC: VW023389.D\data.ms

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

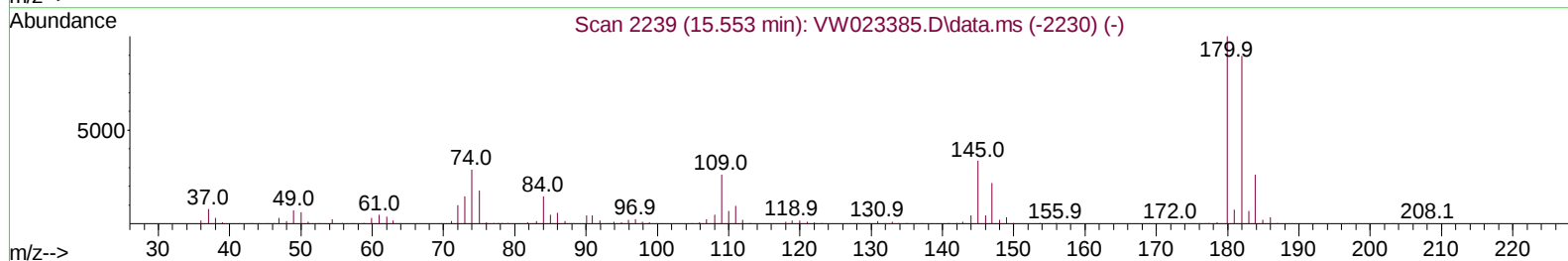
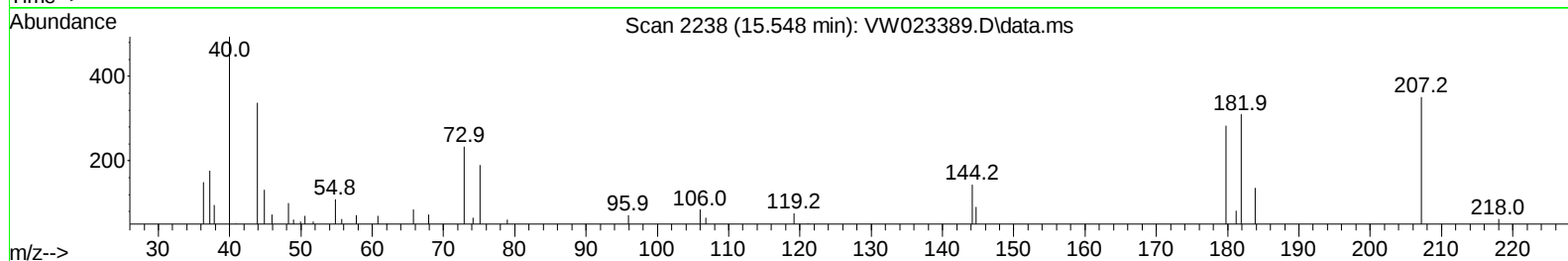
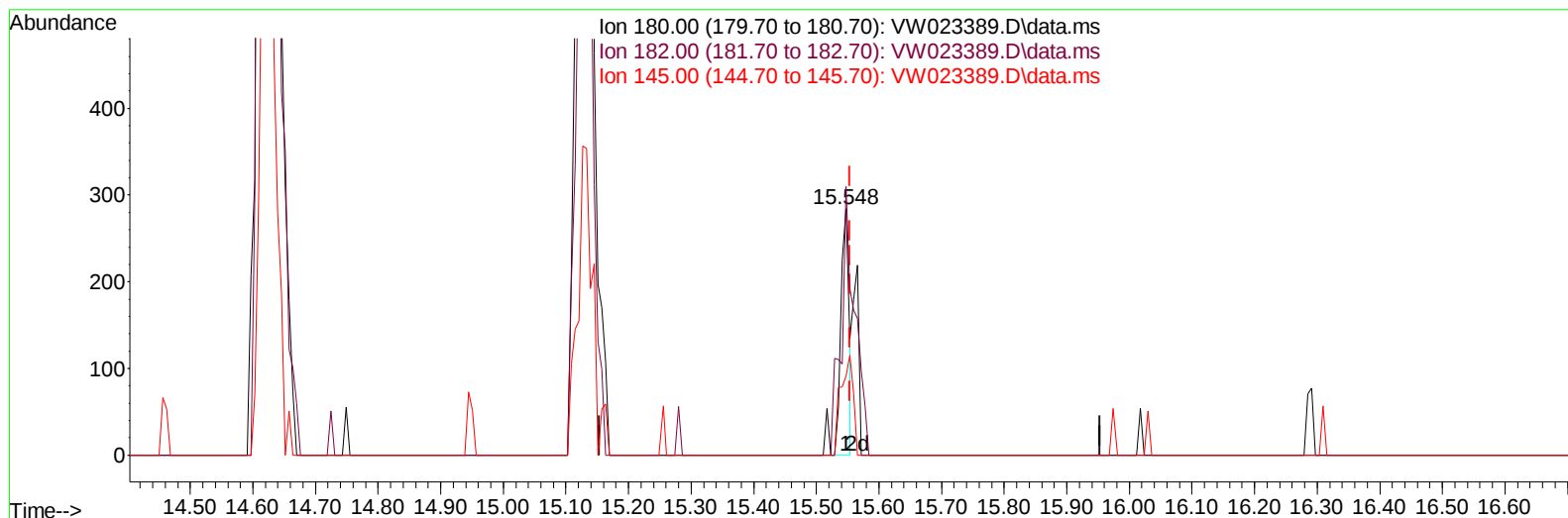
14.487min (+ 0.006) 9.68 ug/L m

response 376

Ion	Exp%	Act%
75.00	100.00	100.00
155.00	74.10	128.64#
157.00	112.30	48.83#
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060322\
Data File : VW023389.D
Acq On : 03 Jun 2022 10:43
Operator : SY/VA
Sample : N3171-04REMSD
Misc : 5.28g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 03 23:34:22 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060222SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jun 03 23:33:12 2022
Response via : Initial Calibration



TIC: VW023389.D\data.ms

(72) 1,2,3-Trichlorobenzene (T)

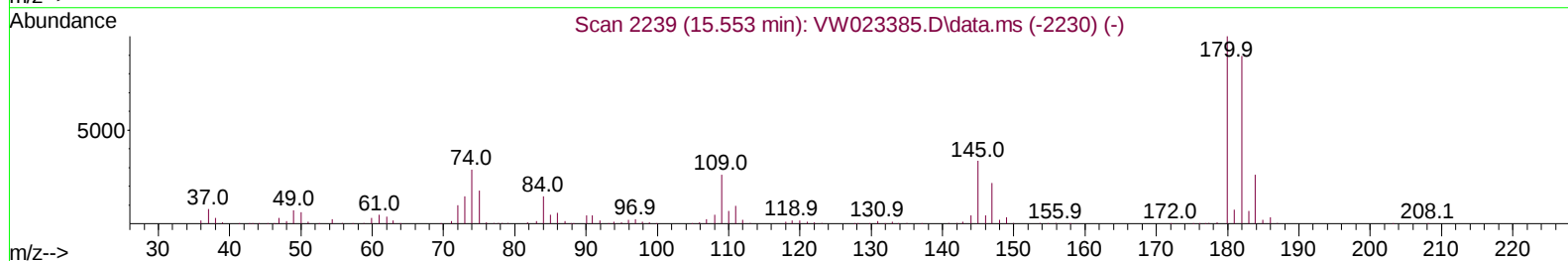
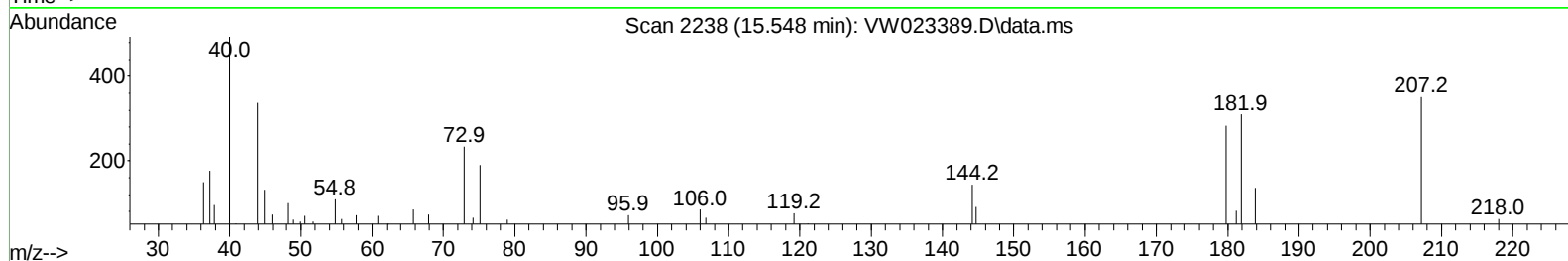
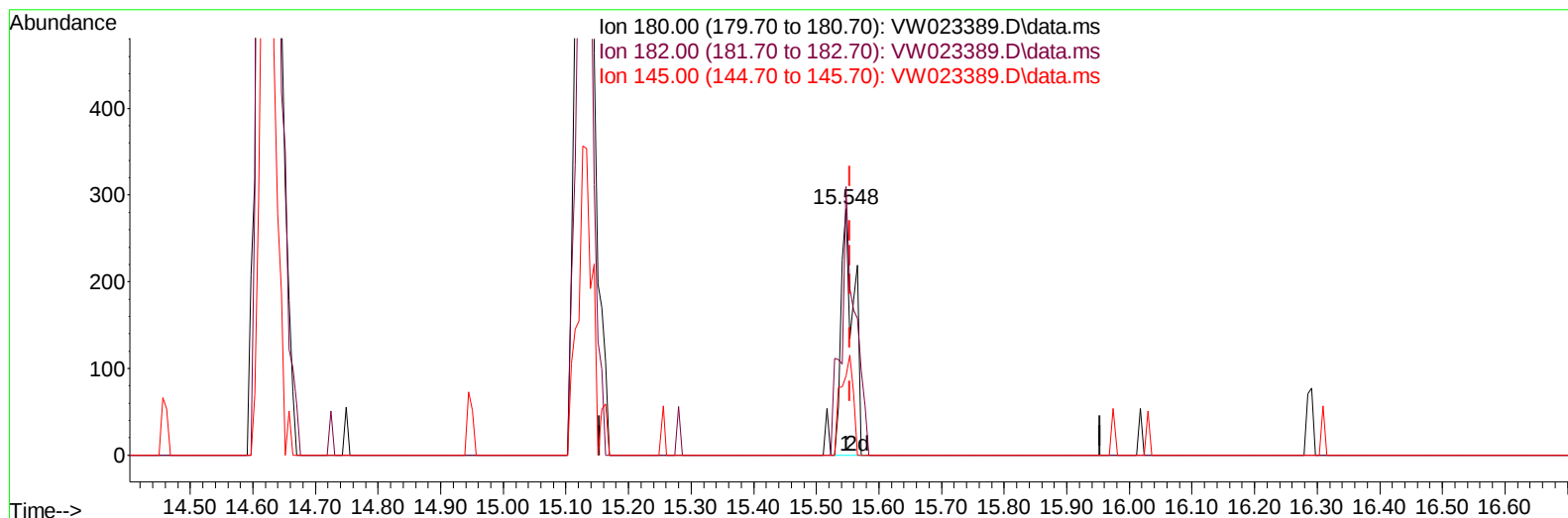
15.548min (-0.006) 0.93 ug/L

response 255

Ion	Exp%	Act%
180.00	100.00	100.00
182.00	91.90	140.78#
145.00	34.90	39.61
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060322\
Data File : VW023389.D
Acq On : 03 Jun 2022 10:43
Operator : SY/VA
Sample : N3171-04REMSD
Misc : 5.28g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 03 23:34:22 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060222SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jun 03 23:33:12 2022
Response via : Initial Calibration



TIC: VW023389.D\data.ms

(72) 1,2,3-Trichlorobenzene (T)**15.548min (-0.006) 1.46 ug/L m****response 401**

Ion	Exp%	Act%
180.00	100.00	100.00
182.00	91.90	89.53
145.00	34.90	25.19#
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060322\
 Data File : VW023389.D
 Acq On : 03 Jun 2022 10:43
 Operator : SY/VA
 Sample : N3171-04REMSD
 Misc : 5.28g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 03 23:34:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 03 23:33:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	30041	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	25382	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	9705	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	13172	29.649	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	=	118.600%	
7) Chloroethane-d5	2.898	69	7797	25.316	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	=	101.280%	
11) 1,1-Dichloroethene-d2	4.038	63	18087	26.488	ug/L	0.02
Spiked Amount 25.000	Range 45	- 110	Recovery	=	105.960%	
21) 2-Butanone-d5	7.092	46	3419m	37.501	ug/L	0.01
Spiked Amount 50.000	Range 20	- 135	Recovery	=	75.000%	
24) Chloroform-d	7.653	84	19860	25.105	ug/L	0.00
Spiked Amount 25.000	Range 40	- 150	Recovery	=	100.440%	
26) 1,2-Dichloroethane-d4	8.311	65	10046	24.246	ug/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	97.000%	
32) Benzene-d6	8.281	84	37739	27.672	ug/L	0.00
Spiked Amount 25.000	Range 20	- 135	Recovery	=	110.680%	
36) 1,2-Dichloropropane-d6	9.281	67	11208	28.726	ug/L	0.00
Spiked Amount 25.000	Range 70	- 120	Recovery	=	114.920%	
41) Toluene-d8	10.329	98	31064	23.889	ug/L	0.00
Spiked Amount 25.000	Range 30	- 130	Recovery	=	95.560%	
43) trans-1,3-Dichloroprop...	10.579	79	3373	19.365	ug/L	0.00
Spiked Amount 25.000	Range 30	- 135	Recovery	=	77.480%	
47) 2-Hexanone-d5	10.933	63	1730	27.600	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery	=	55.200%	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	7555	21.954	ug/L	0.00
Spiked Amount 25.000	Range 45	- 120	Recovery	=	87.800%	
66) 1,2-Dichlorobenzene-d4	13.853	152	7877	22.962	ug/L	0.00
Spiked Amount 25.000	Range 75	- 120	Recovery	=	91.840%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	2356	19.590	ug/L	94
3) Chloromethane	2.221	50	8386	22.605	ug/L	91
5) Vinyl chloride	2.355	62	14554	25.203	ug/L	88
6) Bromomethane	2.788	94	6545	23.218	ug/L	96
8) Chloroethane	2.934	64	6011	22.769	ug/L	97
9) Trichlorofluoromethane	3.282	101	15735	57.685	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.080	101	9822	24.850	ug/L #	70
12) 1,1-Dichloroethene	4.050	96	7650	22.220	ug/L	83
13) Acetone	4.135	43	2548m	38.042	ug/L	
14) Carbon disulfide	4.391	76	22841	19.862	ug/L	98
15) Methyl Acetate	4.690	43	2348m	15.959	ug/L	
16) Methylene chloride	4.934	84	8862	20.594	ug/L	86
17) trans-1,2-Dichloroethene	5.440	96	9082	22.612	ug/L	83
18) Methyl tert-butyl Ether	5.434	73	14851	25.116	ug/L	97
19) 1,1-Dichloroethane	6.220	63	15794m	23.214	ug/L	
20) cis-1,2-Dichloroethene	7.177	96	8601	20.392	ug/L #	83
22) 2-Butanone	7.171	43	2742m	27.538	ug/L	
23) Bromochloromethane	7.519	128	4279	21.446	ug/L	82

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060322\
 Data File : VW023389.D
 Acq On : 03 Jun 2022 10:43
 Operator : SY/VA
 Sample : N3171-04REMSD
 Misc : 5.28g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 03 23:34:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 03 23:33:12 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Chloroform	7.677	83	17171	23.059	ug/L	98
27) 1,2-Dichloroethane	8.403	62	9880	20.608	ug/L	100
29) Cyclohexane	7.970	56	12291	22.672	ug/L	99
30) 1,1,1-Trichloroethane	7.878	97	15560	26.489	ug/L	98
31) Carbon tetrachloride	8.073	117	13523	24.478	ug/L	98
33) Benzene	8.329	78	36452	25.071	ug/L	100
34) Trichloroethene	9.092	95	9045	22.970	ug/L	93
35) Methylcyclohexane	9.341	83	13328	20.430	ug/L	92
37) 1,2-Dichloropropane	9.378	63	8287	24.193	ug/L #	92
38) Bromodichloromethane	9.646	83	10693	22.054	ug/L #	92
39) cis-1,3-Dichloropropene	10.073	75	9456	17.575	ug/L	92
40) 4-Methyl-2-pentanone	10.213	43	5118	26.370	ug/L	95
42) Toluene	10.390	91	34007	21.053	ug/L	98
44) trans-1,3-Dichloropropene	10.610	75	7267	15.094	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	5690	20.289	ug/L	94
46) Tetrachloroethene	10.860	164	7034	22.308	ug/L	94
48) 2-Hexanone	10.975	43	2101	16.193	ug/L #	77
49) Dibromochloromethane	11.128	129	6267	18.210	ug/L	92
50) 1,2-Dibromoethane	11.238	107	4846	17.725	ug/L #	88
51) Chlorobenzene	11.658	112	20648	19.360	ug/L	97
52) Ethylbenzene	11.731	91	32973	18.589	ug/L	96
53) m,p-Xylene	11.835	106	12054	17.161	ug/L	93
54) o-Xylene	12.164	106	12564	18.696	ug/L	85
55) Styrene	12.182	104	17370	15.166	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.713	83	5417	16.354	ug/L	95
59) Bromoform	12.353	173	2750	19.302	ug/L #	96
60) Isopropylbenzene	12.463	105	32596	24.489	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	3757	21.536	ug/L #	88
62) 1,3,5-Trimethylbenzene	12.938	105	23365	21.425	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	16693	19.716	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	12059	19.928	ug/L	95
65) 1,4-Dichlorobenzene	13.579	146	11269	18.218	ug/L	97
67) 1,2-Dichlorobenzene	13.871	146	9990	18.265	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.487	75	376m	9.677	ug/L	
69) 1,3,5-Trichlorobenzene	14.621	180	5351	13.390	ug/L	93
70) 1,2,4-trichlorobenzene	15.127	180	1870	5.889	ug/L	92
71) Naphthalene	15.365	128	2269	3.796	ug/L #	96
72) 1,2,3-Trichlorobenzene	15.548	180	401m	1.459	ug/L	

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

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