

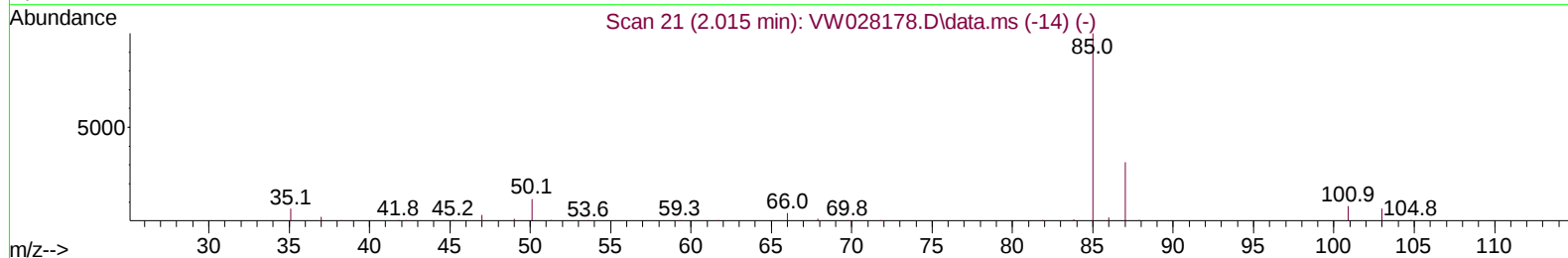
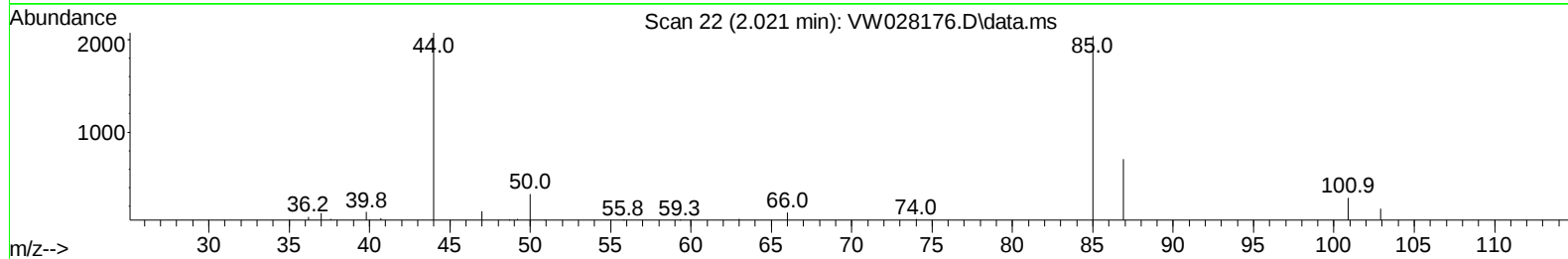
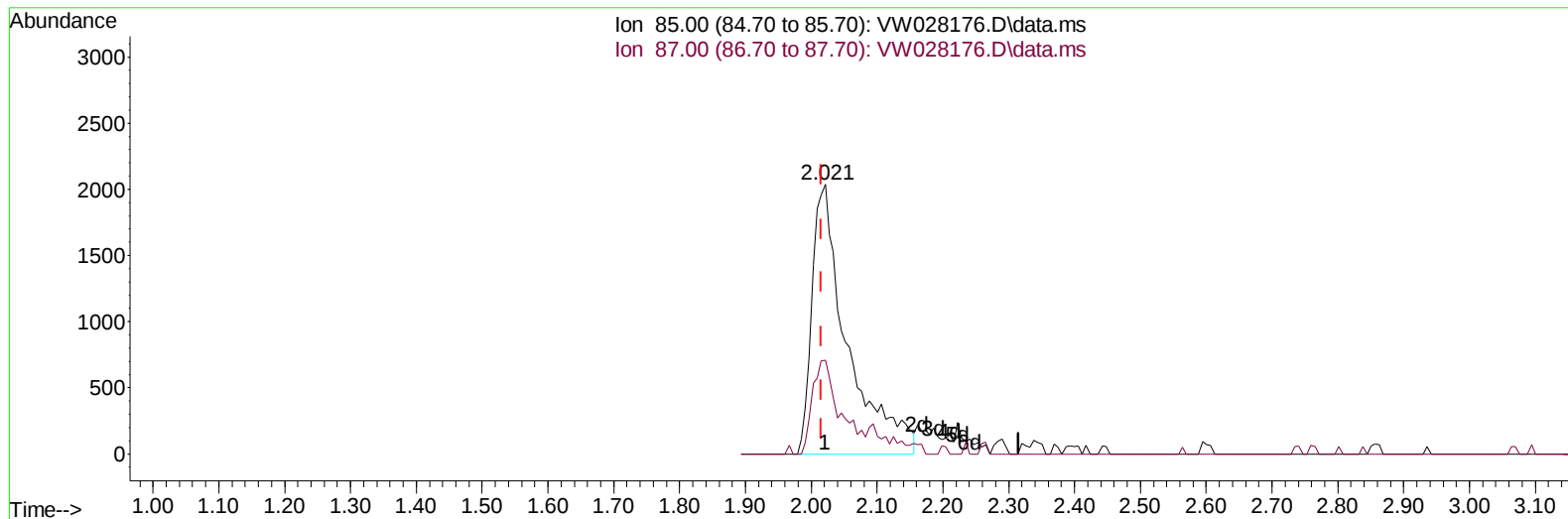
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031424\
 Data File : VW028176.D
 Acq On : 14 Mar 2024 13:15
 Operator : SY/MD
 Sample : VSTD2.522
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5422

Manual IntegrationsAPPROVED

Quant Time: Mar 15 01:23:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 15 01:22:29 2024
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 03/15/2024
 Supervised By :Mahesh Dadoda 03/18/2024



TIC: VW028176.D\data.ms

(2) Dichlorodifluoromethane (T)

2.021min (+ 0.006) 2.83 ug/L m

response 7543

Ion	Exp%	Act%
85.00	100.00	100.00
87.00	26.10	20.11#
0.00	0.00	0.00
0.00	0.00	0.00

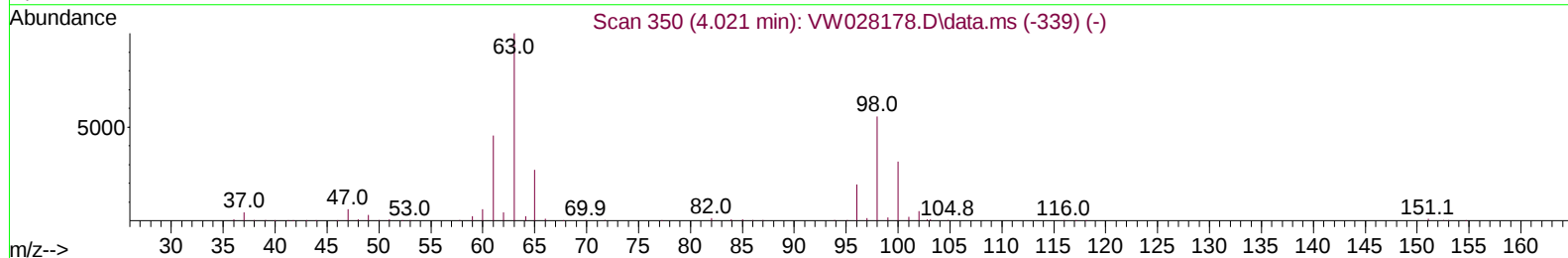
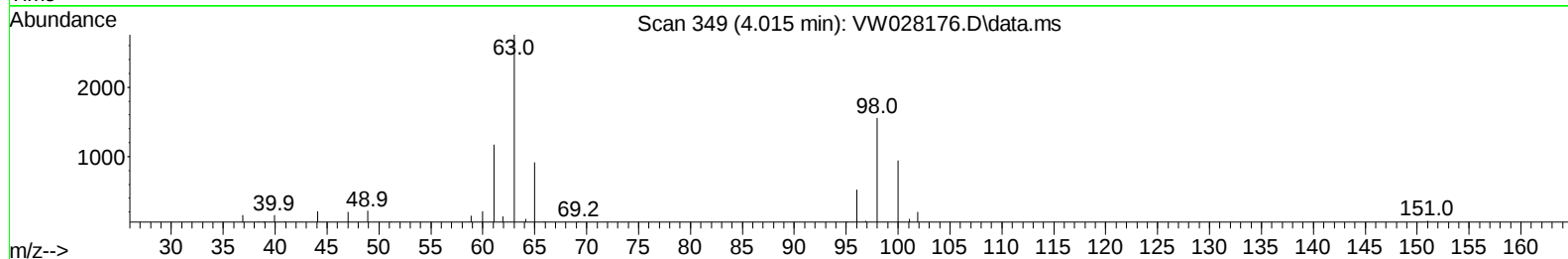
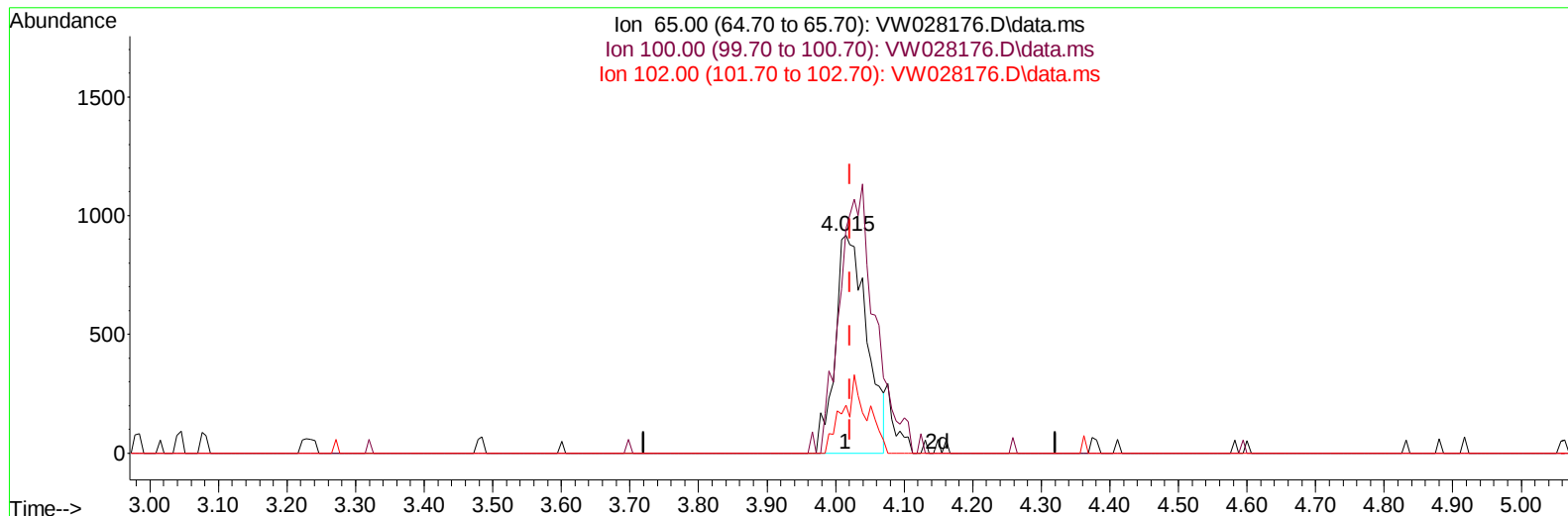
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Manual IntegrationsAPPROVED

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Quant Title : SFAM01.0
QLast Update : Fri Mar 15 01:22:29 2024
Response via : Initial Calibration



TIC: VW028176.D\data.ms

(11) 1,1-Dichloroethene-d2 (S)

4.015min (-0.006) 2.11 ug/L

response 2935

Ion	Exp%	Act%
65.00	100.00	100.00
100.00	125.60	0.00#
102.00	18.00	10.70#
0.00	0.00	0.00

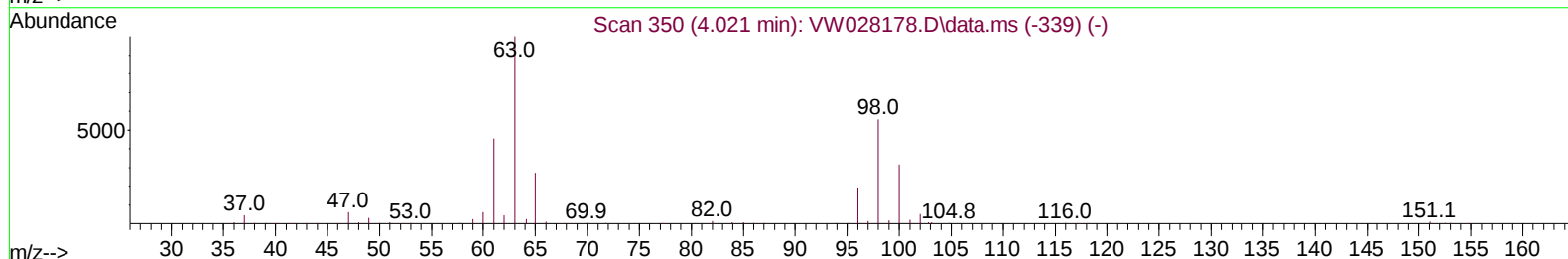
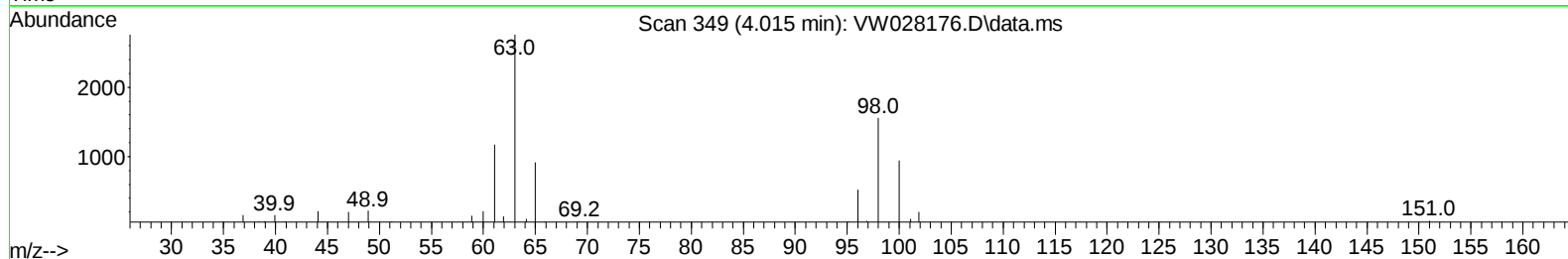
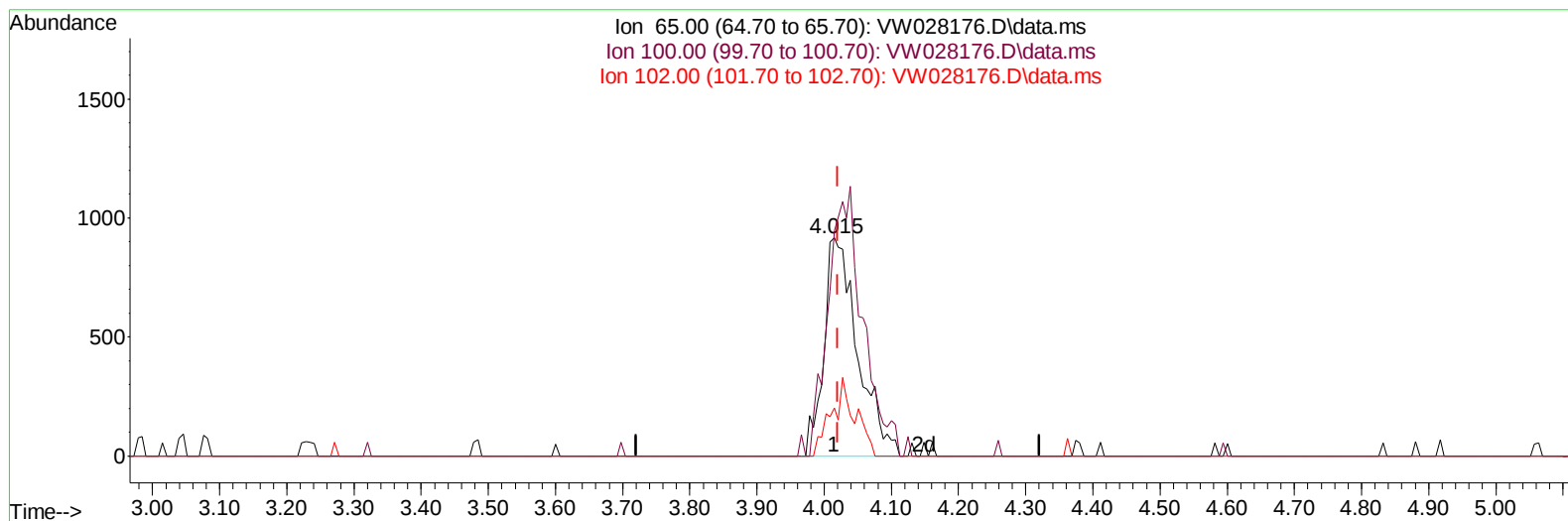
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 Data File : VW028176.D
 Acq On : 14 Mar 2024 13:15
 Operator : SY/MD
 Sample : VSTD2.522
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5422

Manual IntegrationsAPPROVED

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
 Quant Title : SFAM01.0
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 Supervised By :Mahesh Dadoda 03/18/2024



TIC: VW028176.D\data.ms

(11) 1,1-Dichloroethene-d2 (S)

4.015min (-0.006) 2.30 ug/L m

response 3203

Ion	Exp%	Act%
65.00	100.00	100.00
100.00	125.60	0.00#
102.00	18.00	9.80#
0.00	0.00	0.00

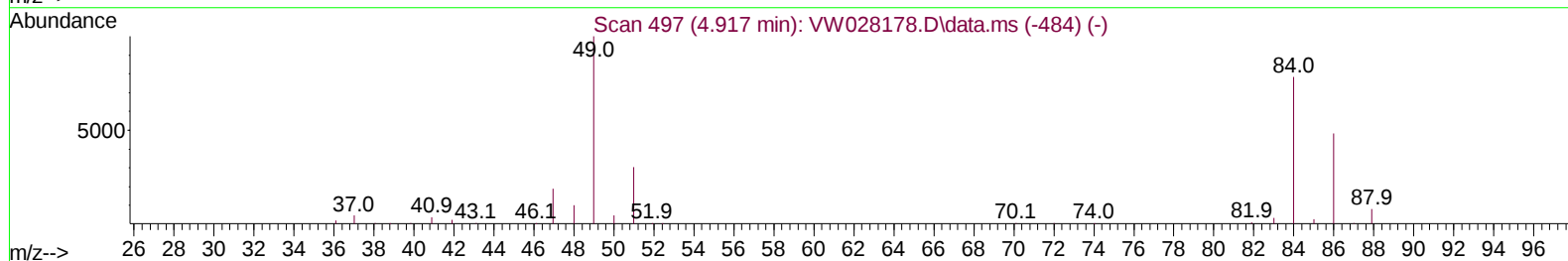
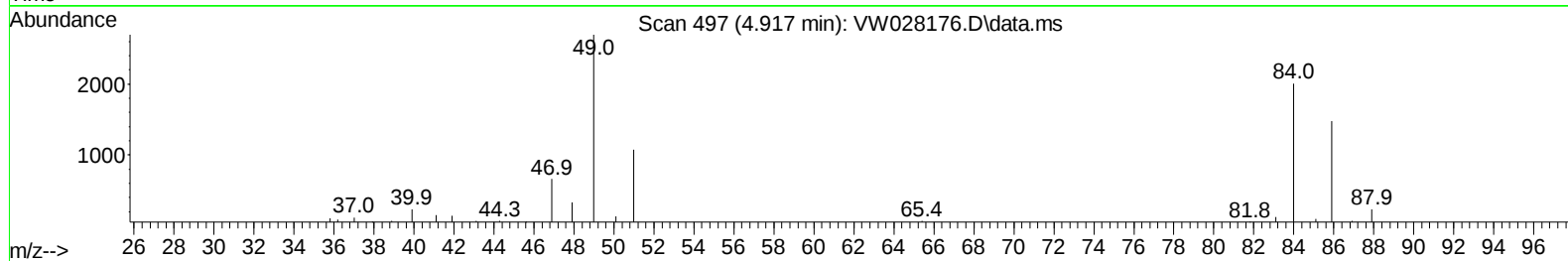
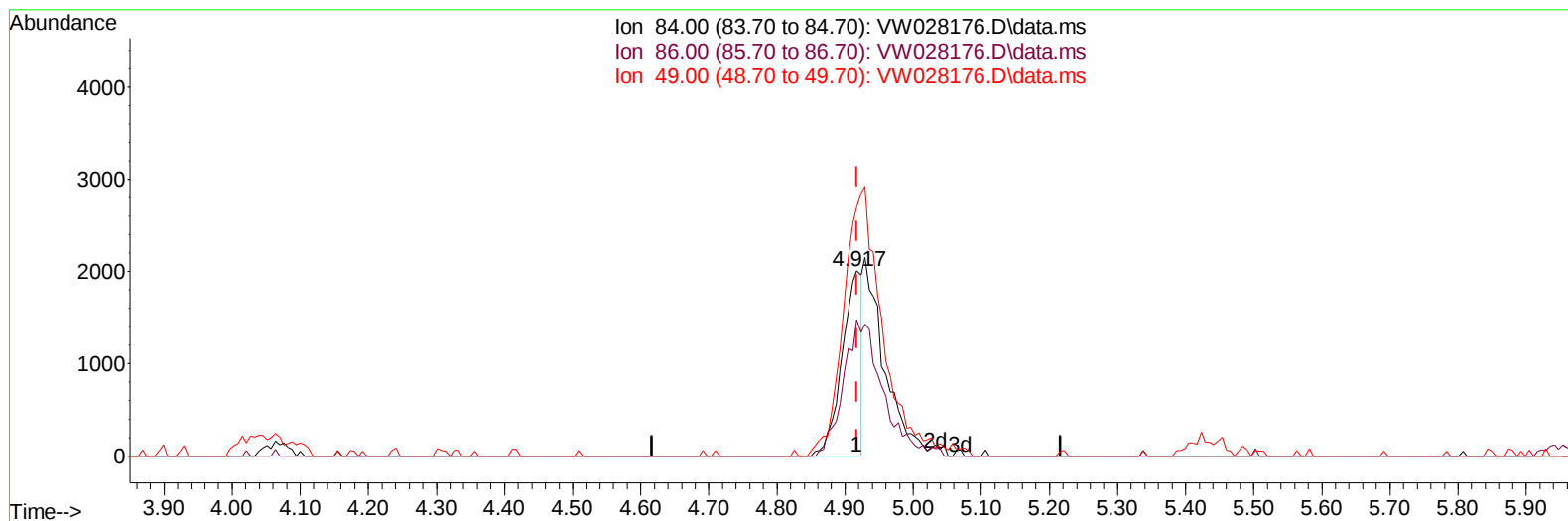
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Data File : VW028176.D
Acq On : 14 Mar 2024 13:15
Operator : SY/MD
Sample : VSTD2.522
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5422

Manual IntegrationsAPPROVED

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Supervised By :Mahesh Dadoda 03/18/2024

Quant Time: Mar 15 01:23:43 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Mar 15 01:22:29 2024
Response via : Initial Calibration



TIC: VW028176.D\data.ms

(16) Methylene chloride (T)

4.917min (+ 0.000) 1.40 ug/L

response 4056

Ion	Exp%	Act%
84.00	100.00	100.00
86.00	61.60	73.61
49.00	127.70	134.21
0.00	0.00	0.00

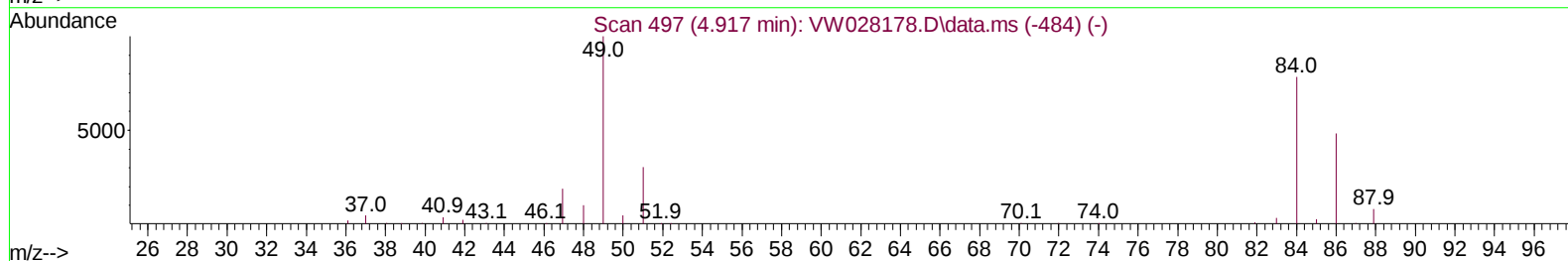
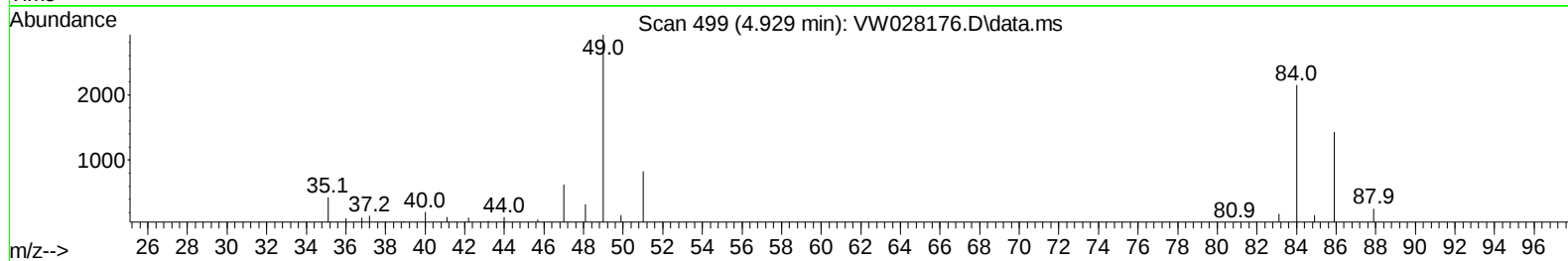
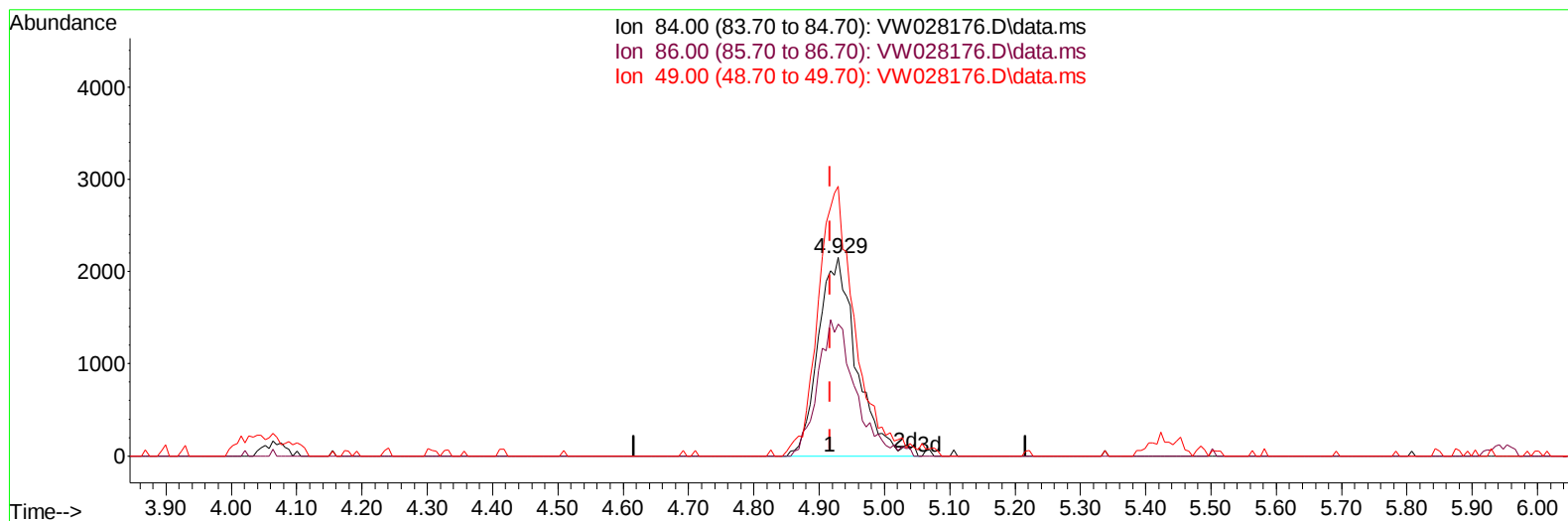
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Data File : VW028176.D
Acq On : 14 Mar 2024 13:15
Operator : SY/MD
Sample : VSTD2.522
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5422

Manual IntegrationsAPPROVED

Quant Time: Mar 15 01:23:43 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Mar 15 01:22:29 2024
Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 03/15/2024
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TIC: VW028176.D\data.ms

(16) Methylene chloride (T)

4.929min (+ 0.012) 3.02 ug/L m

response 8764

Ion	Exp%	Act%
84.00	100.00	100.00
86.00	61.60	66.56
49.00	127.70	135.86
0.00	0.00	0.00

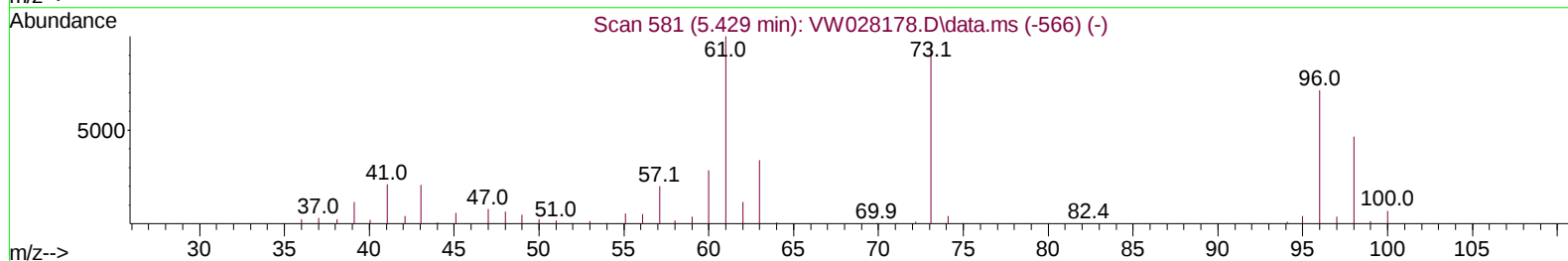
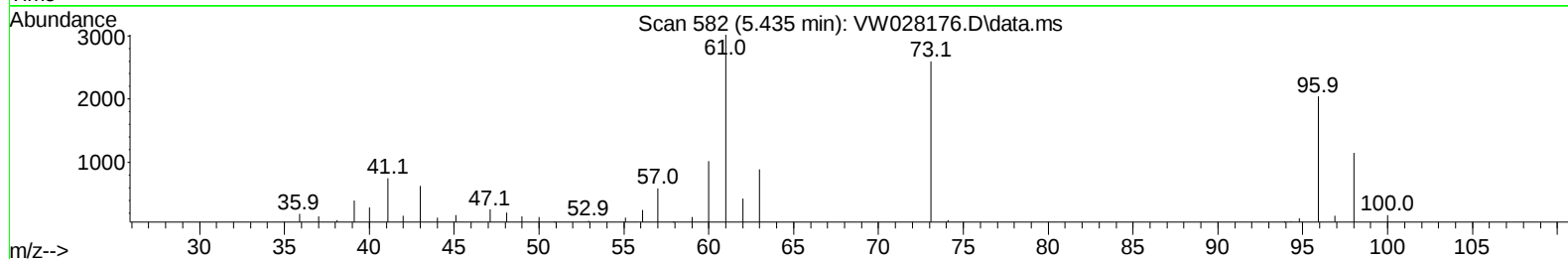
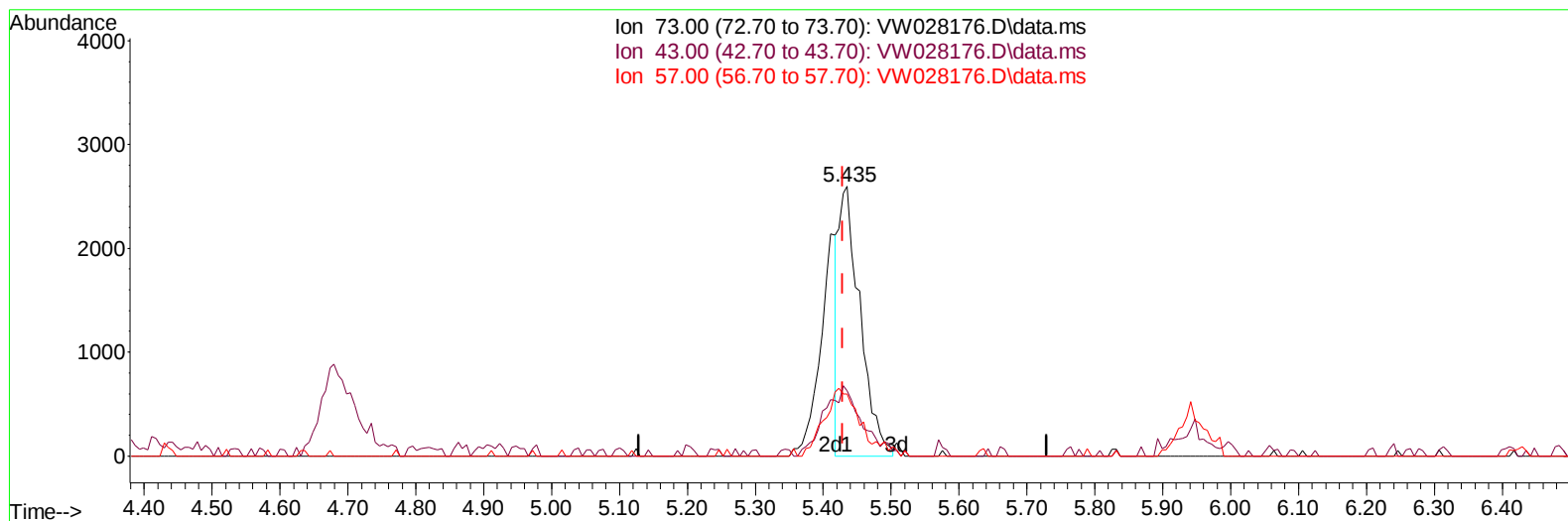
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Data File : VW028176.D
Acq On : 14 Mar 2024 13:15
Operator : SY/MD
Sample : VSTD2.522
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5422

Manual IntegrationsAPPROVED

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Supervised By :Mahesh Dadoda 03/18/2024

Quant Time: Mar 15 01:23:43 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
Quant Title : SFAM01.0
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Response via : Initial Calibration



TIC: VW028176.D\data.ms

(18) Methyl tert-butyl Ether (T)

5.435min (+ 0.006) 1.45 ug/L

response 5704

Ion	Exp%	Act%
73.00	100.00	100.00
43.00	22.80	23.21
57.00	21.80	38.69#
0.00	0.00	0.00

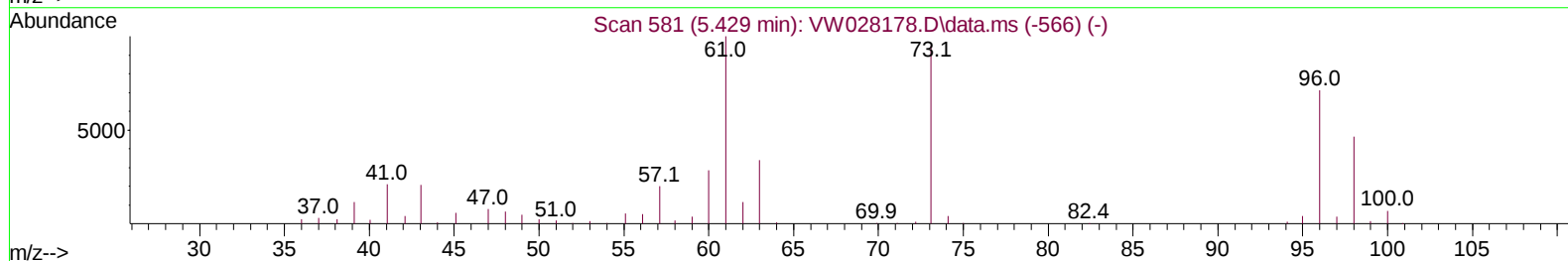
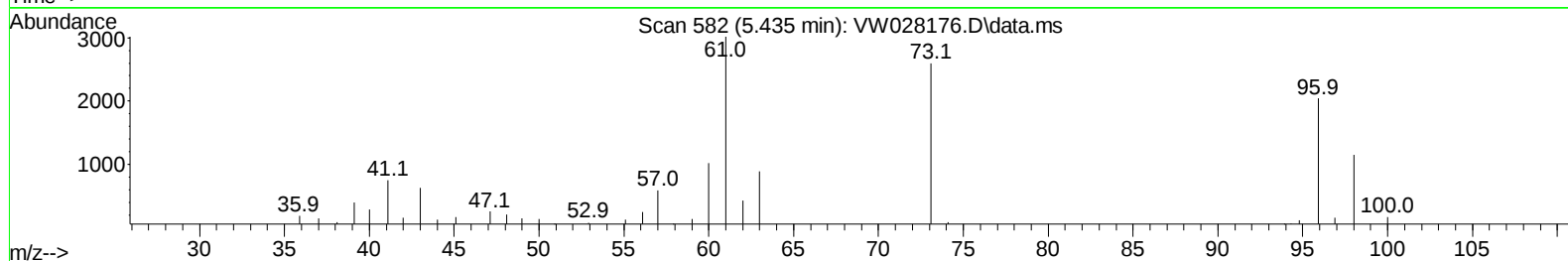
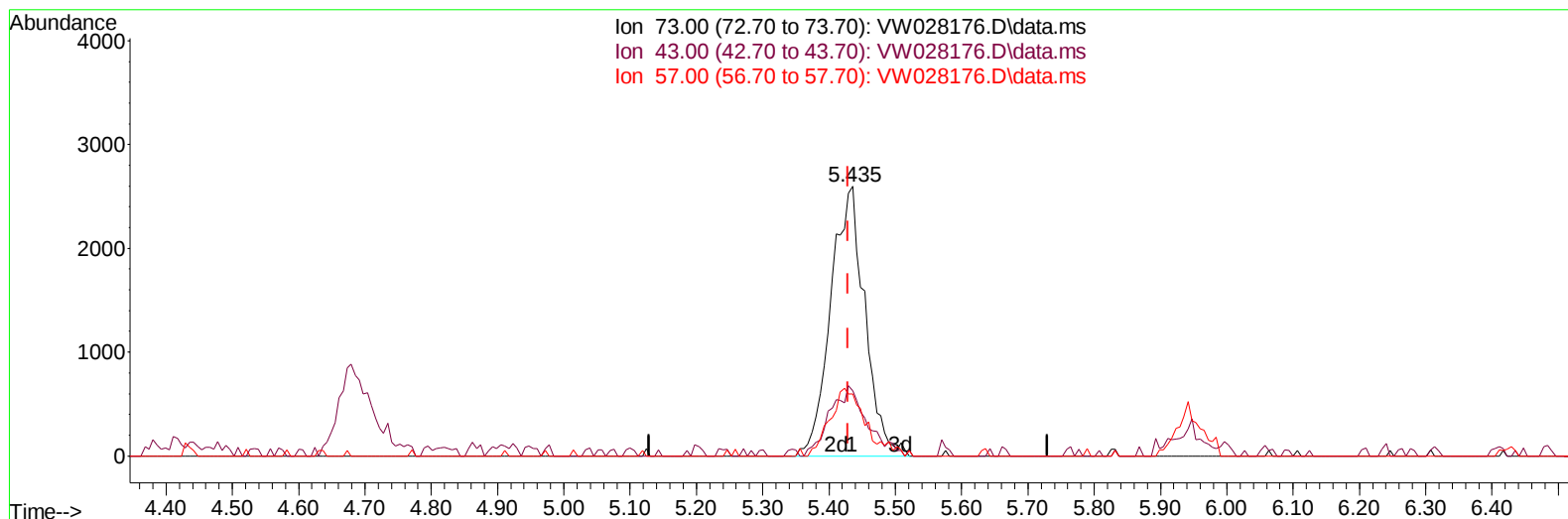
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 Acq On : 14 Mar 2024 13:15
 Operator : SY/MD
 Sample : VSTD2.522
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5422

Manual IntegrationsAPPROVED

Quant Time: Mar 15 01:23:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 15 01:22:29 2024
 Response via : Initial Calibration

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 Supervised By :Mahesh Dadoda 03/18/2024



TIC: VW028176.D\data.ms

(18) Methyl tert-butyl Ether (T)

5.435min (+ 0.006) 2.35 ug/L m

response 9250

Ion	Exp%	Act%
73.00	100.00	100.00
43.00	22.80	14.31#
57.00	21.80	23.86
0.00	0.00	0.00

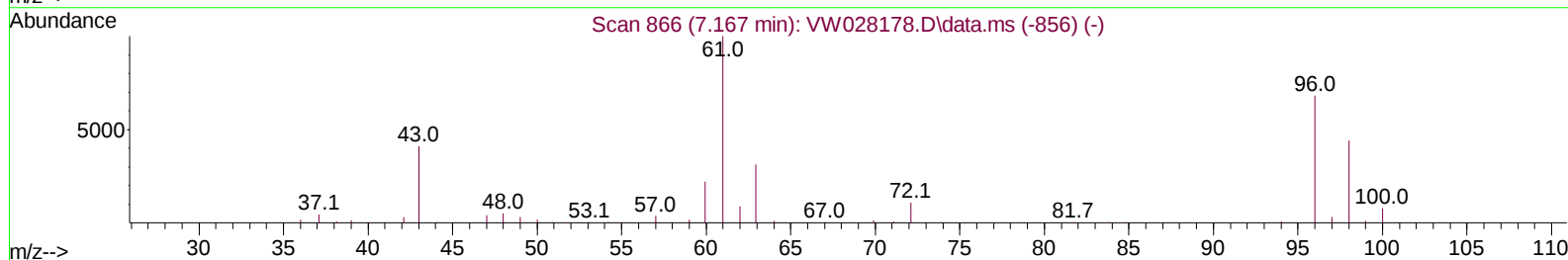
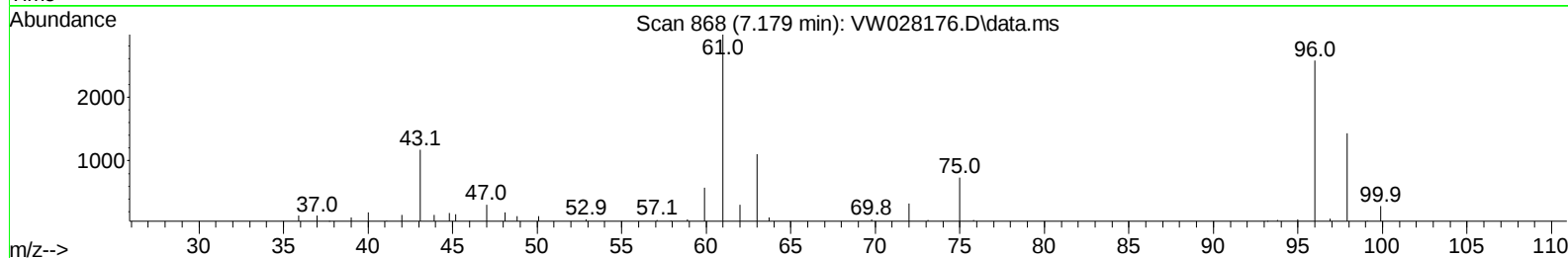
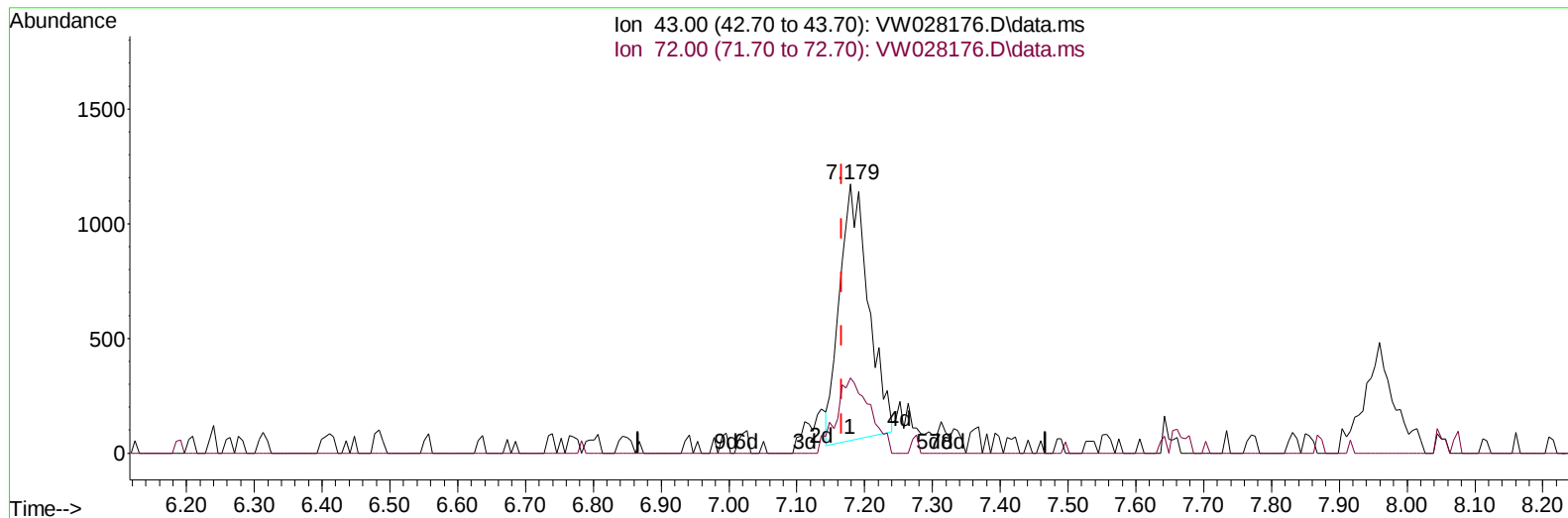
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Data File : VW028176.D
Acq On : 14 Mar 2024 13:15
Operator : SY/MD
Sample : VSTD2.522
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5422

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 03/15/2024
Supervised By :Mahesh Dadoda 03/18/2024

Quant Time: Mar 15 01:23:43 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Mar 15 01:22:29 2024
Response via : Initial Calibration



TIC: VW028176.D\data.ms

(22) 2-Butanone (T)

7.179min (+ 0.012) 4.15 ug/L

response 3311

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	25.60	29.93
0.00	0.00	0.00
0.00	0.00	0.00

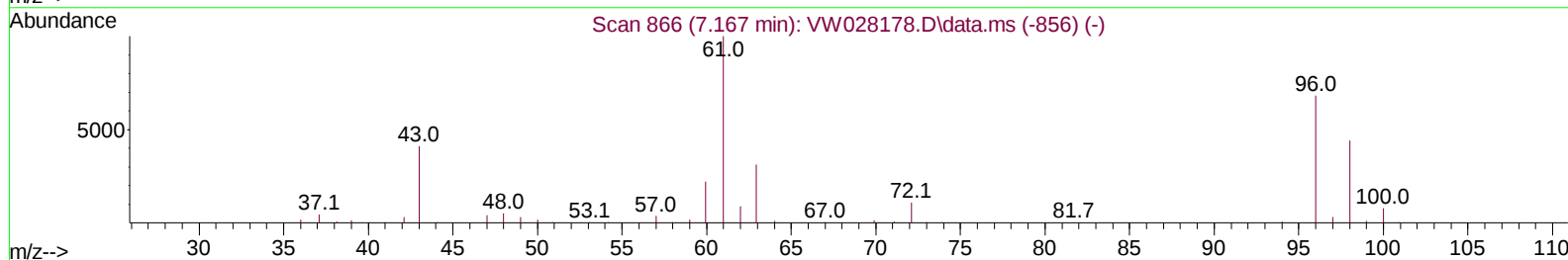
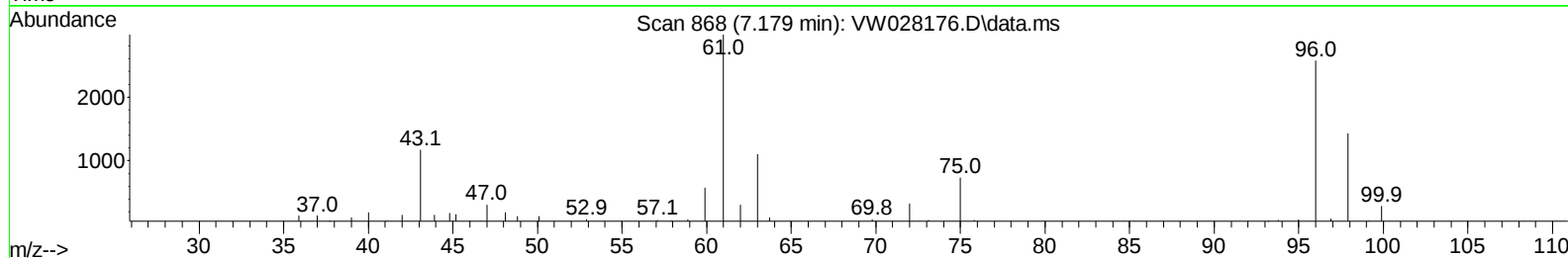
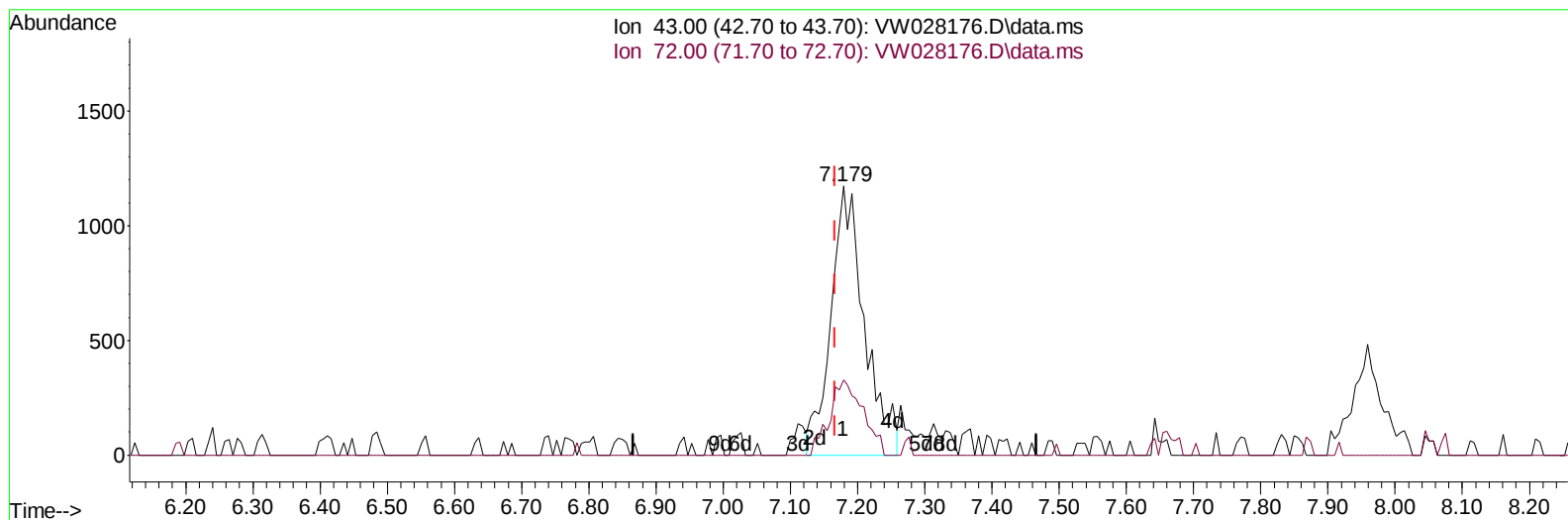
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Data File : VW028176.D
Acq On : 14 Mar 2024 13:15
Operator : SY/MD
Sample : VSTD2.522
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5422

Manual IntegrationsAPPROVED

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Mar 15 01:22:29 2024
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TIC: VW028176.D\data.ms

(22) 2-Butanone (T)

7.179min (+ 0.012) 5.07 ug/L m

response 4048

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	25.60	24.48
0.00	0.00	0.00
0.00	0.00	0.00

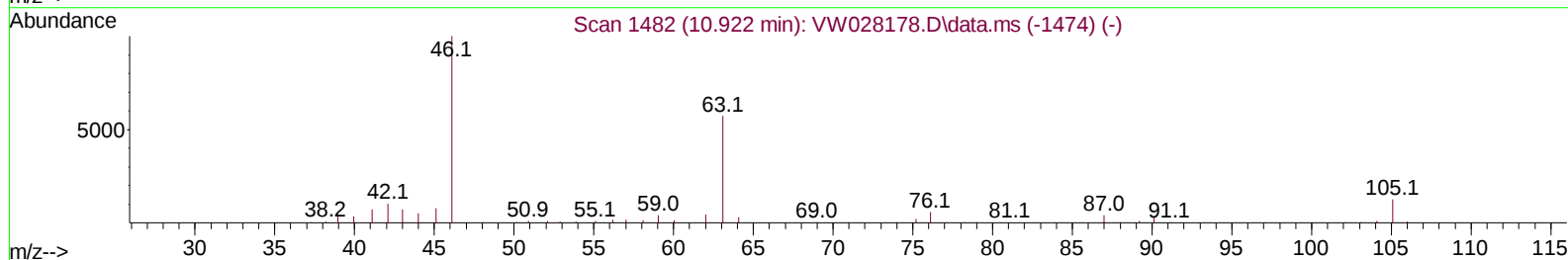
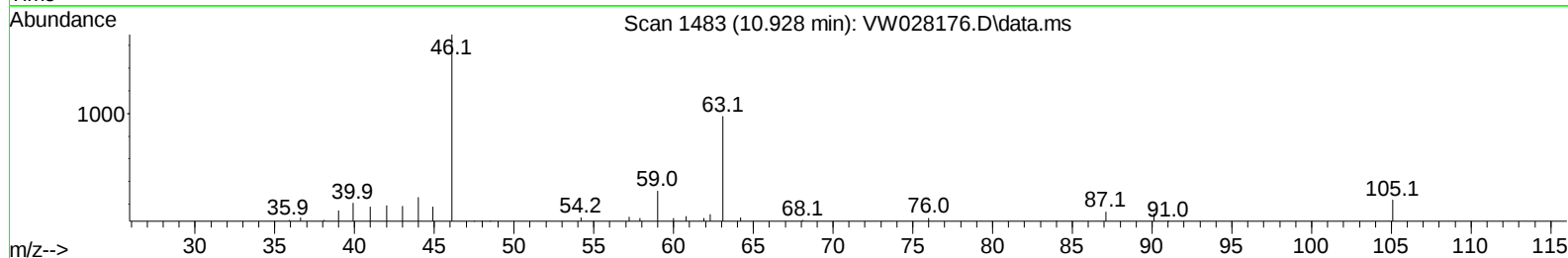
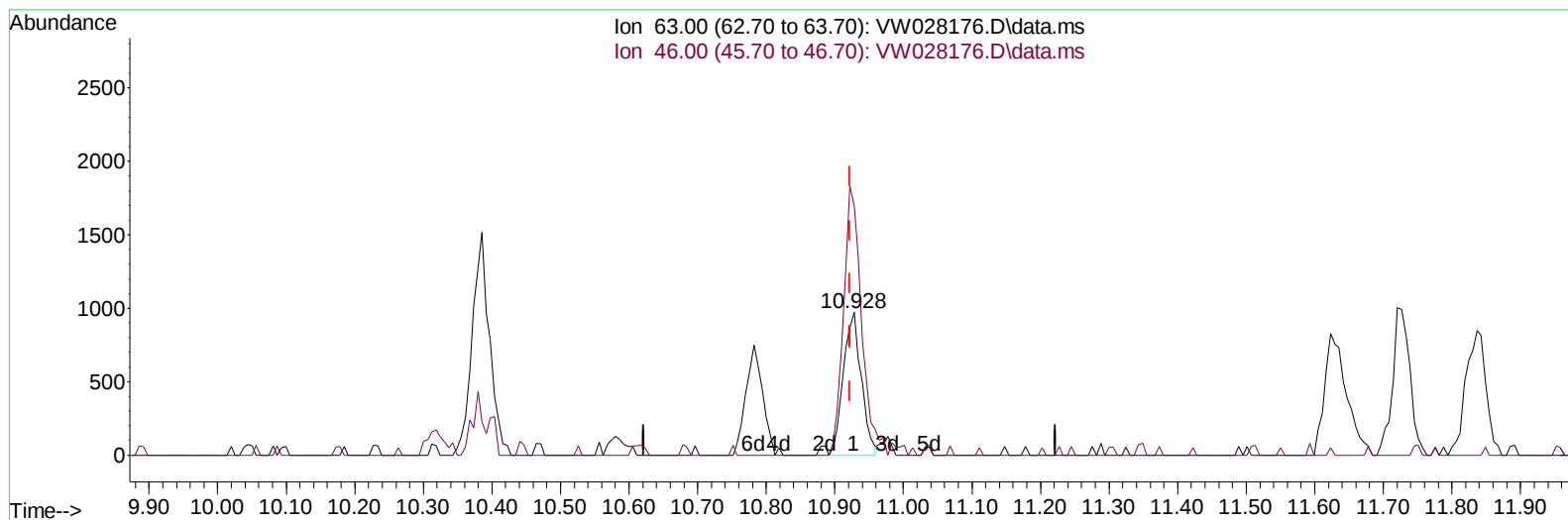
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 QLast Update : Fri Mar 15 01:22:29 2024
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TIC: VW028176.D\data.ms

(47) 2-Hexanone-d5 (S)

10.928min (+ 0.006) 3.49 ug/L

response 1760

Ion	Exp%	Act%
63.00	100.00	100.00
46.00	179.50	190.74
0.00	0.00	0.00
0.00	0.00	0.00

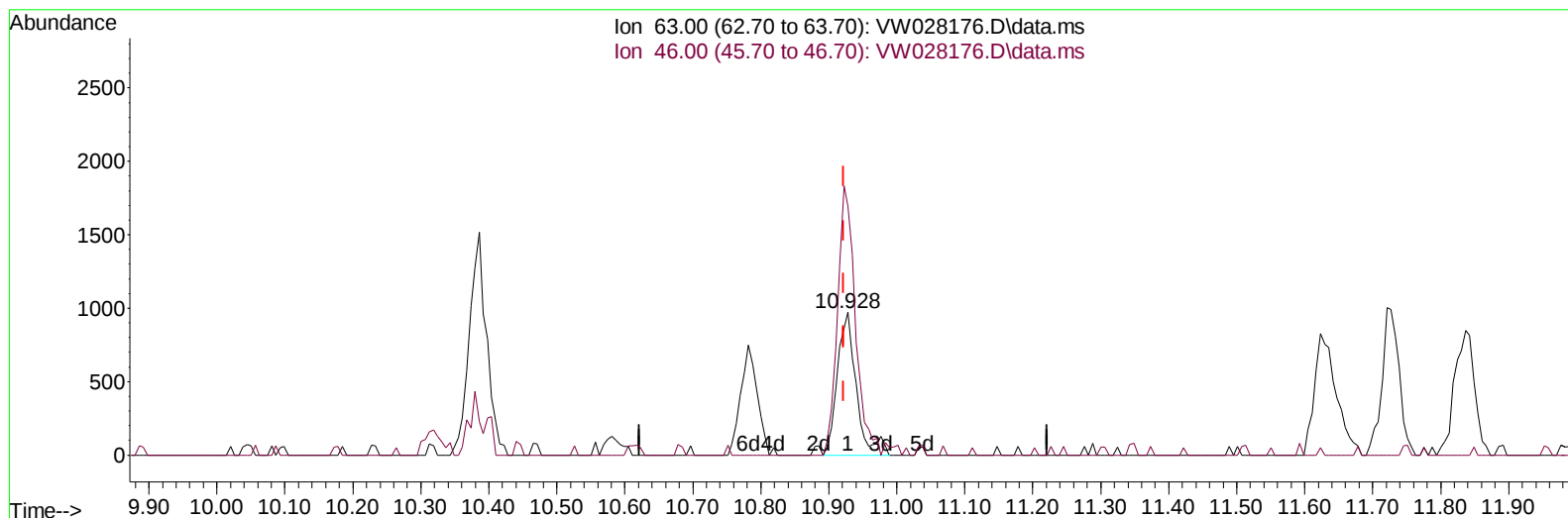
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Data File : VW028176.D
Acq On : 14 Mar 2024 13:15
Operator : SY/MD
Sample : VSTD2.522
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5422

Manual IntegrationsAPPROVED

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	190201	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	175914	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	88666	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	5443	2.446	ug/L	0.00
7) Chloroethane-d5	2.899	69	3486	2.266	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.015	65	3203m	2.305	ug/L	0.00
21) 2-Butanone-d5	7.094	46	2769	4.318	ug/L	0.02
24) Chloroform-d	7.648	84	11355	2.025	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	6470	2.093	ug/L	0.00
32) Benzene-d6	8.270	84	21567	2.008	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	6227	2.015	ug/L	0.00
41) Toluene-d8	10.319	98	18698	1.887	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.581	79	2794	1.990	ug/L	0.00
47) 2-Hexanone-d5	10.928	63	1884m	3.733	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.684	84	4424	1.938	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	6724	2.082	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	7543m	2.833	ug/L	
3) Chloromethane	2.222	50	4879	2.493	ug/L	94
5) Vinyl chloride	2.381	62	5316	2.403	ug/L	96
6) Bromomethane	2.789	94	3248	2.465	ug/L	92
8) Chloroethane	2.936	64	2920	2.456	ug/L	99
9) Trichlorofluoromethane	3.259	101	5728	2.142	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	6451	2.522	ug/L #	84
12) 1,1-Dichloroethene	4.051	96	5984	2.422	ug/L	80
13) Acetone	4.137	43	3475	4.997	ug/L	67
14) Carbon disulfide	4.393	76	18911	2.469	ug/L #	93
15) Methyl Acetate	4.679	43	2827	2.554	ug/L #	88
16) Methylene chloride	4.929	84	8764m	3.022	ug/L	
17) trans-1,2-Dichloroethene	5.429	96	6528	2.501	ug/L	93
18) Methyl tert-butyl Ether	5.435	73	9250m	2.349	ug/L	
19) 1,1-Dichloroethane	6.222	63	11943	2.363	ug/L	93
20) cis-1,2-Dichloroethene	7.179	96	6813	2.416	ug/L	85
22) 2-Butanone	7.179	43	4048m	5.073	ug/L	
23) Bromochloromethane	7.514	128	3196	2.564	ug/L	93
25) Chloroform	7.673	83	12650	2.432	ug/L	96
27) 1,2-Dichloroethane	8.398	62	9229	2.513	ug/L	100
29) Cyclohexane	7.953	56	10505	2.289	ug/L	98
30) 1,1,1-Trichloroethane	7.868	97	10814	2.345	ug/L	93
31) Carbon tetrachloride	8.063	117	10444	2.415	ug/L	97
33) Benzene	8.325	78	25708	2.375	ug/L	100
34) Trichloroethene	9.093	95	7292	2.414	ug/L	97
35) Methylcyclohexane	9.337	83	12174	2.385	ug/L	97
37) 1,2-Dichloropropane	9.368	63	6776	2.447	ug/L	98
38) Bromodichloromethane	9.642	83	8843	2.369	ug/L	95
39) cis-1,3-Dichloropropene	10.069	75	10052	2.267	ug/L	91
40) 4-Methyl-2-pentanone	10.209	43	7086	4.636	ug/L	96
42) Toluene	10.386	91	27665	2.342	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031424\
 Data File : VW028176.D
 Acq On : 14 Mar 2024 13:15
 Operator : SY/MD
 Sample : VSTD2.522
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5422

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 03/15/2024
 Supervised By :Mahesh Dadoda 03/18/2024

Quant Time: Mar 15 01:23:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 15 01:22:29 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) trans-1,3-Dichloropropene	10.605	75	8259	2.206	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	5060	2.529	ug/L	96
46) Tetrachloroethene	10.861	164	6168	2.534	ug/L	83
48) 2-Hexanone	10.965	43	5502	4.596	ug/L	97
49) Dibromochloromethane	11.129	129	5857	2.472	ug/L	84
50) 1,2-Dibromoethane	11.233	107	4630	2.420	ug/L	97
51) Chlorobenzene	11.654	112	18074	2.410	ug/L	94
52) Ethylbenzene	11.727	91	31489	2.283	ug/L	93
53) m,p-Xylene	11.837	106	12312	2.372	ug/L	86
54) o-Xylene	12.160	106	11094	2.305	ug/L	96
55) Styrene	12.178	104	18613	2.252	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	5503	2.405	ug/L	91
59) Bromoform	12.343	173	3255	2.450	ug/L	98
60) Isopropylbenzene	12.458	105	30619	2.324	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	4571	2.701	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	19846	2.245	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	23251	2.178	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	14348	2.441	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	14632	2.490	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	12549	2.479	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.482	75	1007	2.533	ug/L #	80
69) 1,3,5-Trichlorobenzene	14.623	180	9731	2.377	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	8371	2.407	ug/L	99
71) Naphthalene	15.360	128	13813	2.314	ug/L	98
72) 1,2,3-Trichlorobenzene	15.549	180	7228	2.521	ug/L	95

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

