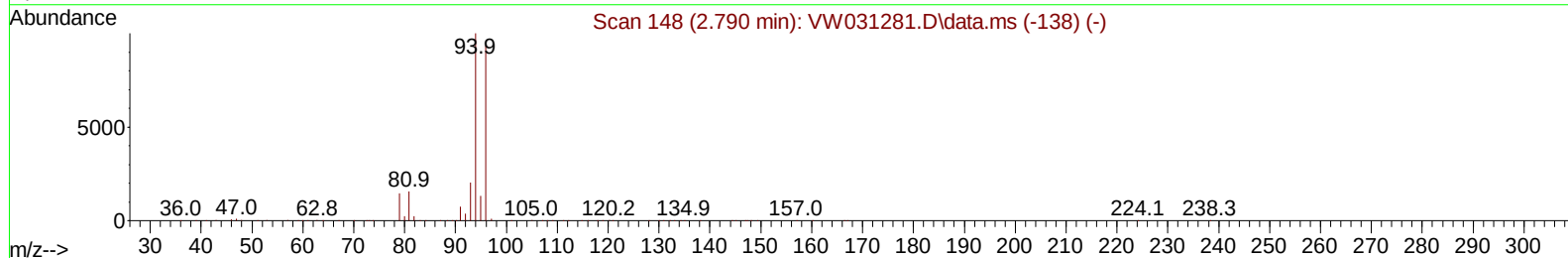
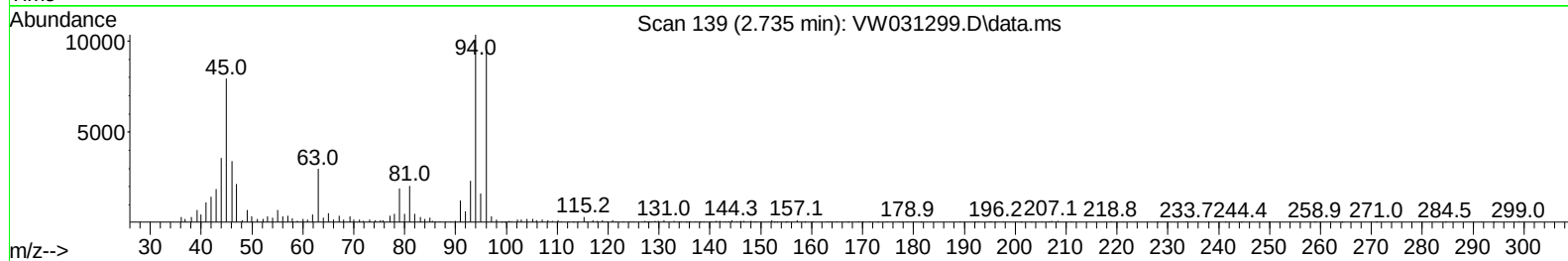
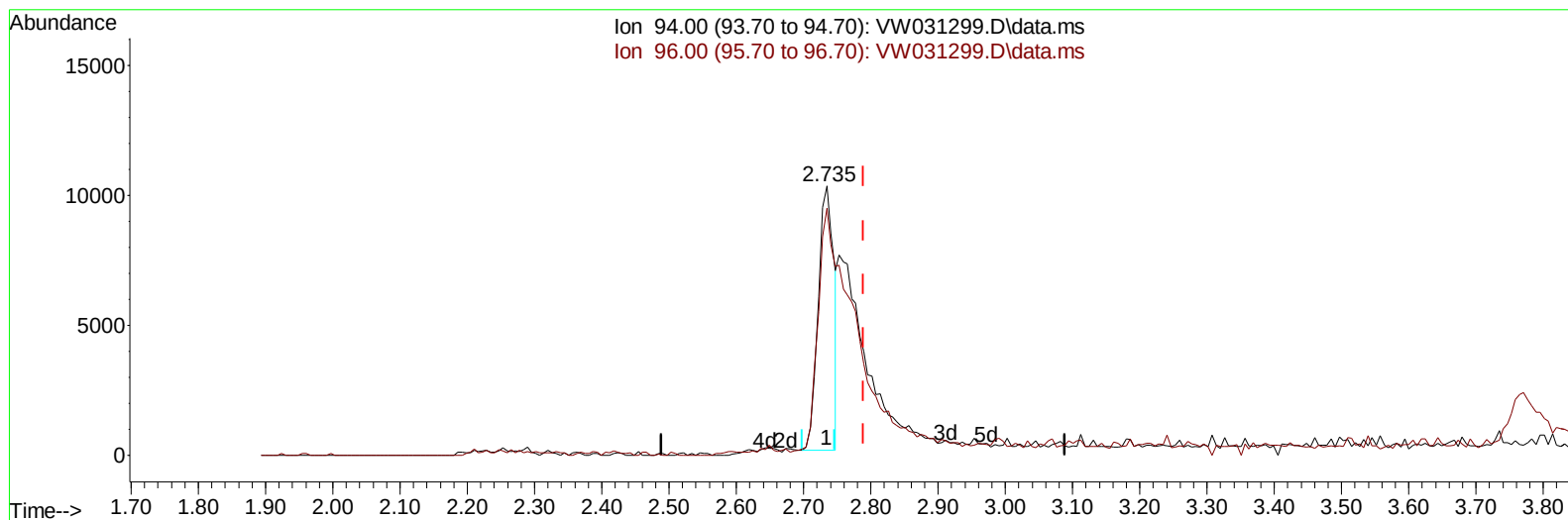


Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121624\
Data File : VW031299.D
Acq On : 17 Dec 2024 03:01
Operator : SY/MD
Sample : P5155-19MSD
Misc : 3.73g/10mL/MSVOA_W/SOIL/A
ALS Vial : 46 Sample Multiplier: 1

Quant Time: Dec 17 03:43:37 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Dec 17 02:36:53 2024
Response via : Initial Calibration



TIC: VW031299.D\data.ms

(6) Bromomethane (T)

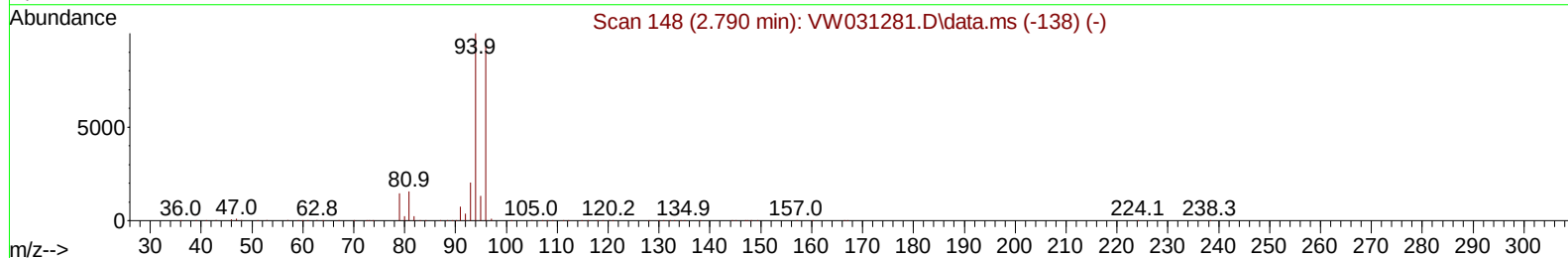
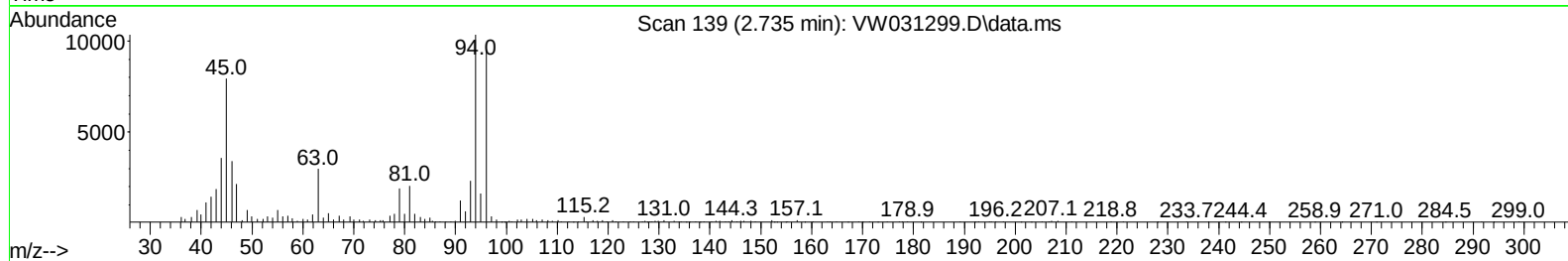
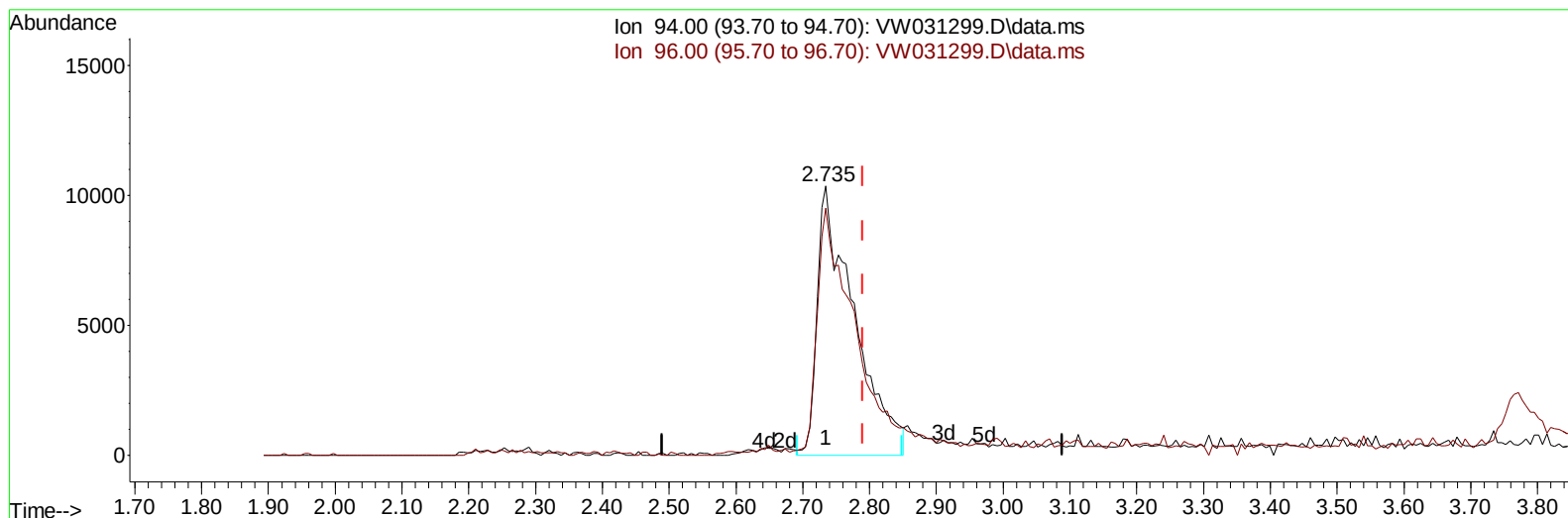
2.735min (-0.055) 1.81 ug/L

response 16288

Ion	Exp%	Act%
94.00	100.00	100.00
96.00	93.70	91.86
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121624\
 Data File : VW031299.D
 Acq On : 17 Dec 2024 03:01
 Operator : SY/MD
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 Misc : 3.73g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 46 Sample Multiplier: 1

Quant Time: Dec 17 03:43:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Dec 17 02:36:53 2024
 Response via : Initial Calibration



TIC: VW031299.D\data.ms

(6) Bromomethane (T)

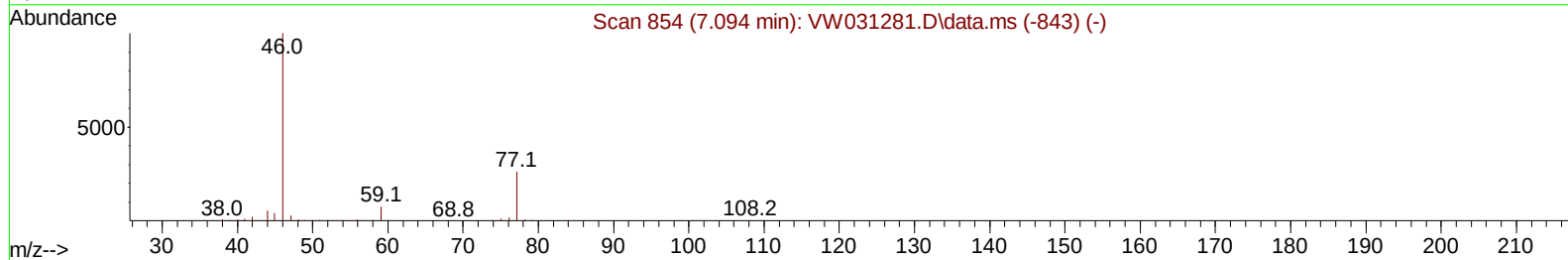
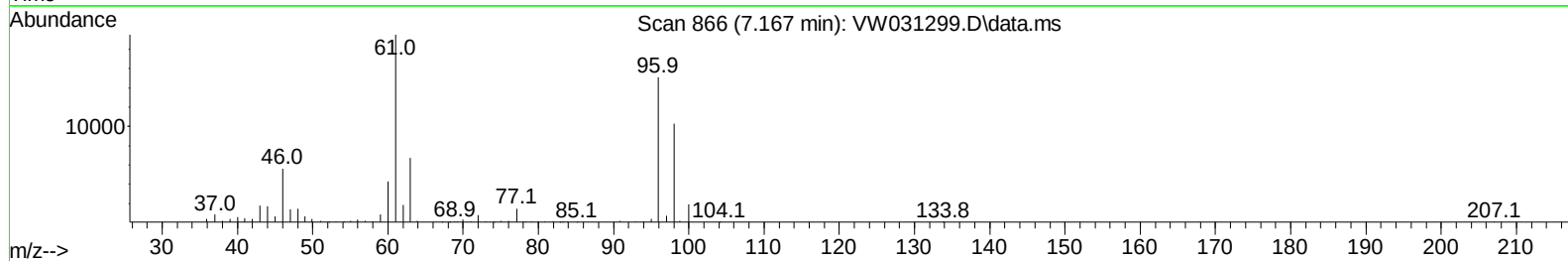
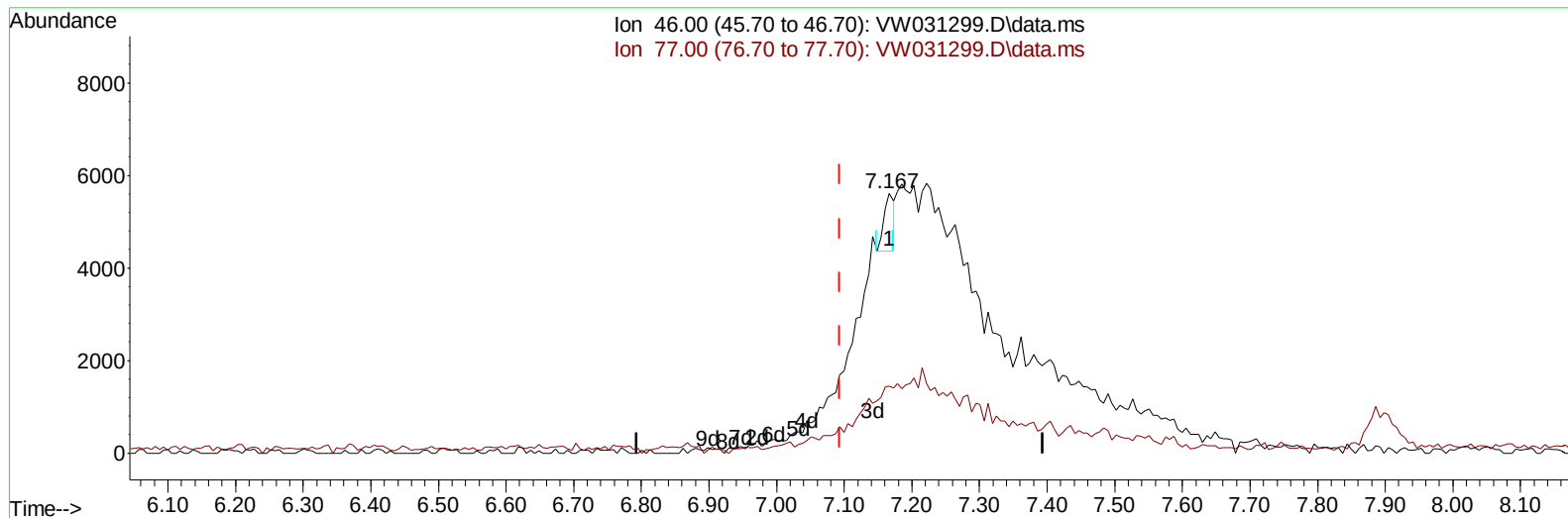
2.735min (-0.055) 4.39 ug/L m

response 39604

Ion	Exp%	Act%
94.00	100.00	100.00
96.00	93.70	91.86
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121624\
Data File : VW031299.D
Acq On : 17 Dec 2024 03:01
Operator : SY/MD
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Misc : 3.73g/10mL/MSVOA_W/SOIL/A
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Quant Time: Dec 17 03:43:37 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Dec 17 02:36:53 2024
Response via : Initial Calibration



TIC: VW031299.D\data.ms

(21) 2-Butanone-d5 (S)

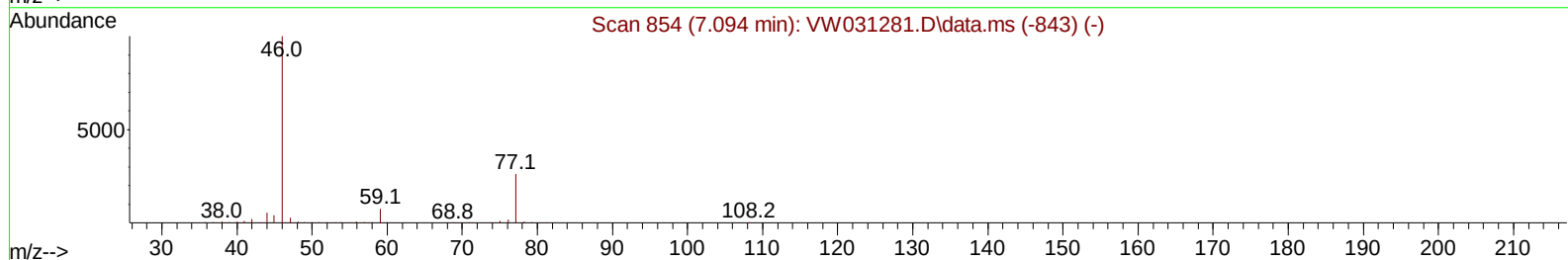
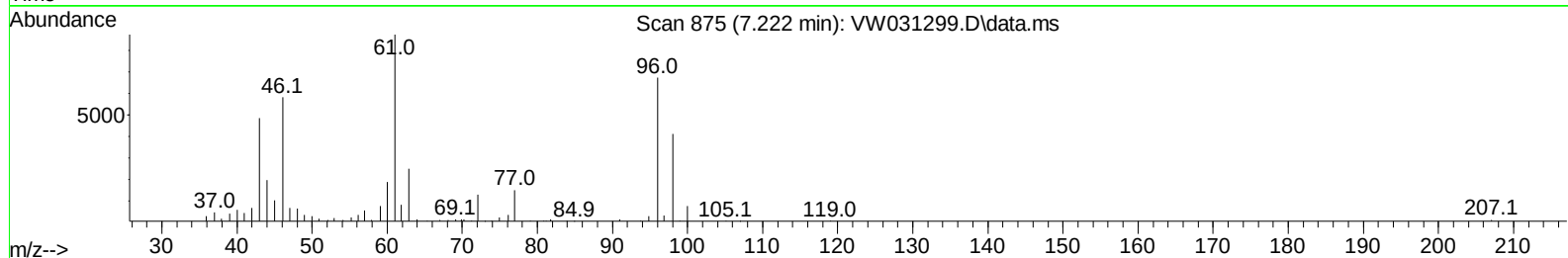
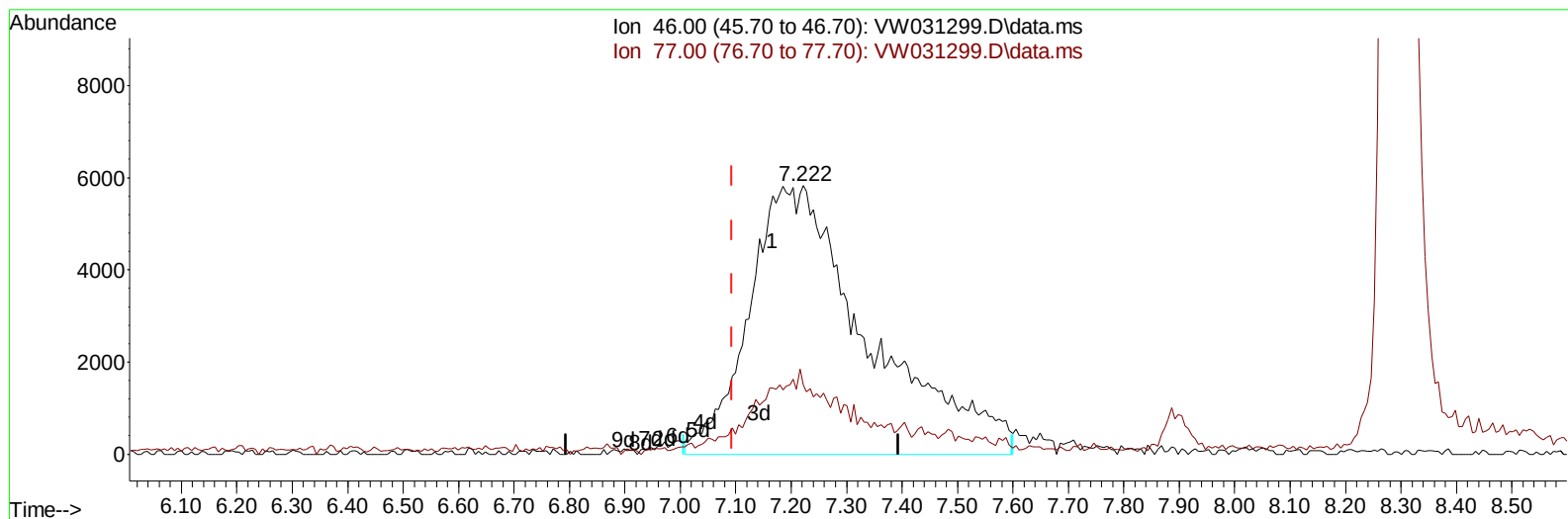
7.167min (+ 0.073) 0.44 ug/L

response 1293

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	29.60	26.91
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121624\
 Data File : VW031299.D
 Acq On : 17 Dec 2024 03:01
 Operator : SY/MD
 Sample : P5155-19MSD
 Misc : 3.73g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 46 Sample Multiplier: 1

Quant Time: Dec 17 03:43:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Dec 17 02:36:53 2024
 Response via : Initial Calibration



TIC: VW031299.D\data.ms

(21) 2-Butanone-d5 (S)

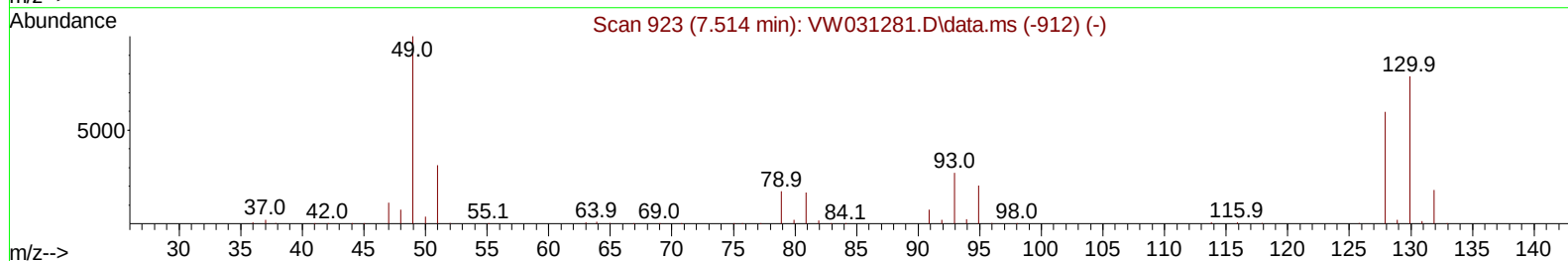
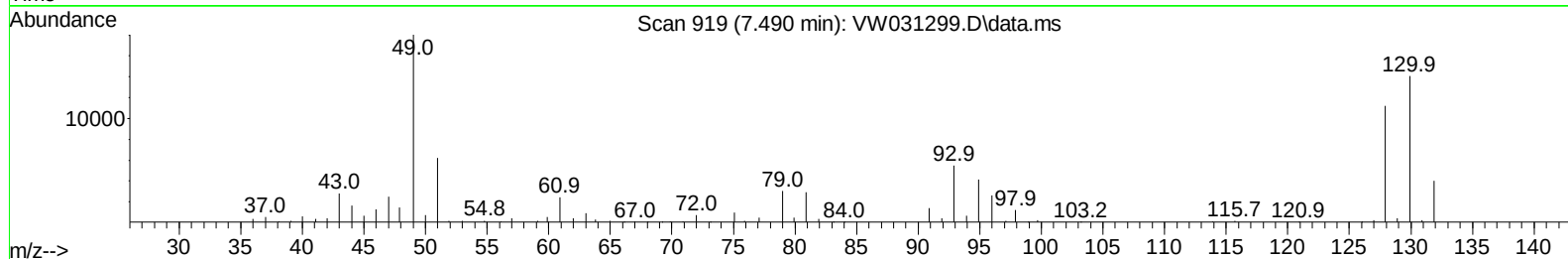
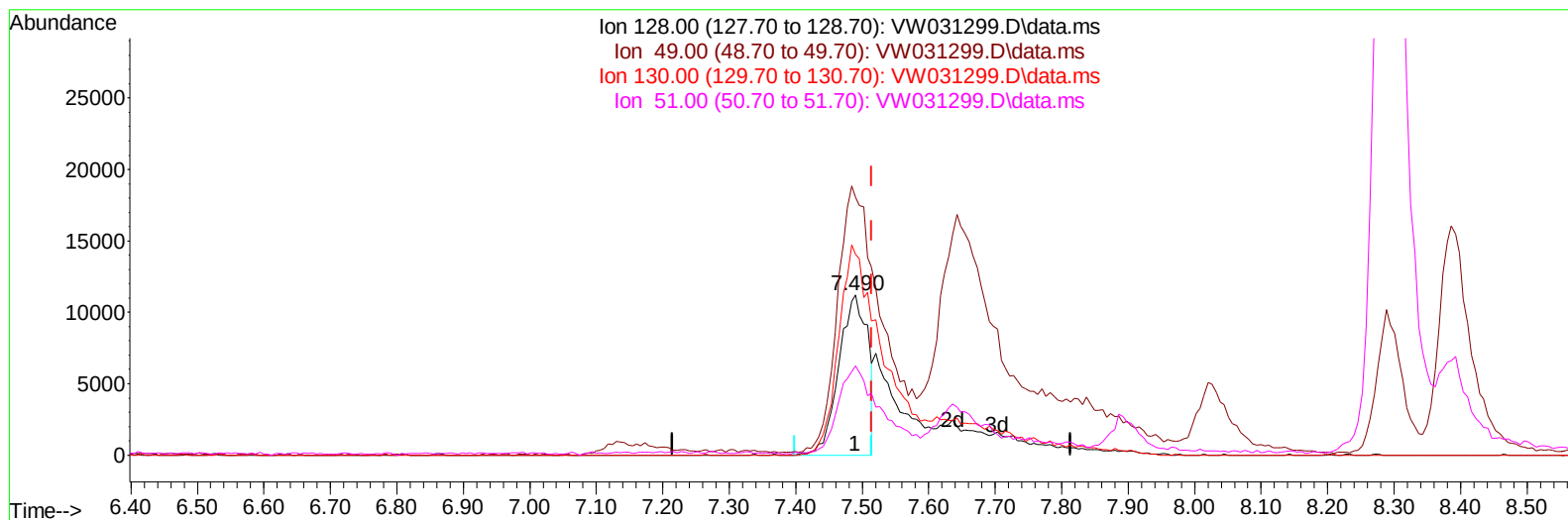
7.222min (+ 0.128) 29.51 ug/L m

response 87185

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	29.60	0.40#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121624\
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Misc : 3.73g/10mL/MSVOA_W/SOIL/A
ALS Vial : 46 Sample Multiplier: 1

Quant Time: Dec 17 03:43:37 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Dec 17 02:36:53 2024
Response via : Initial Calibration



TIC: VW031299.D\data.ms

(23) Bromochloromethane (T)

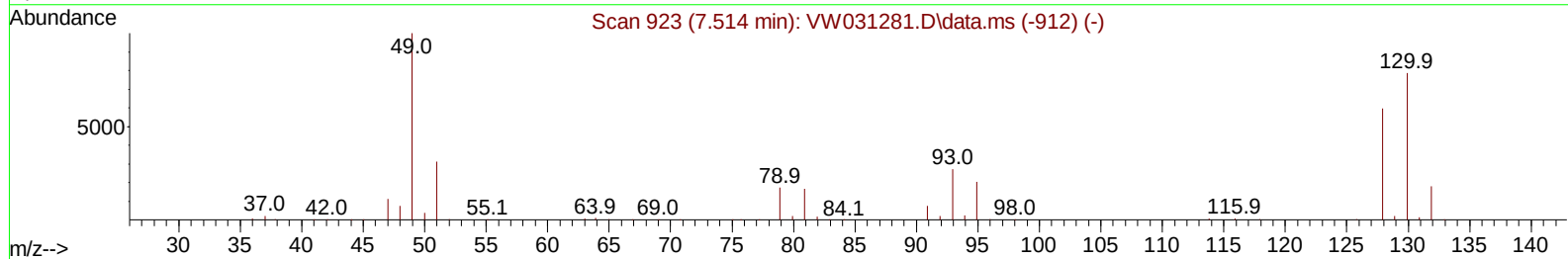
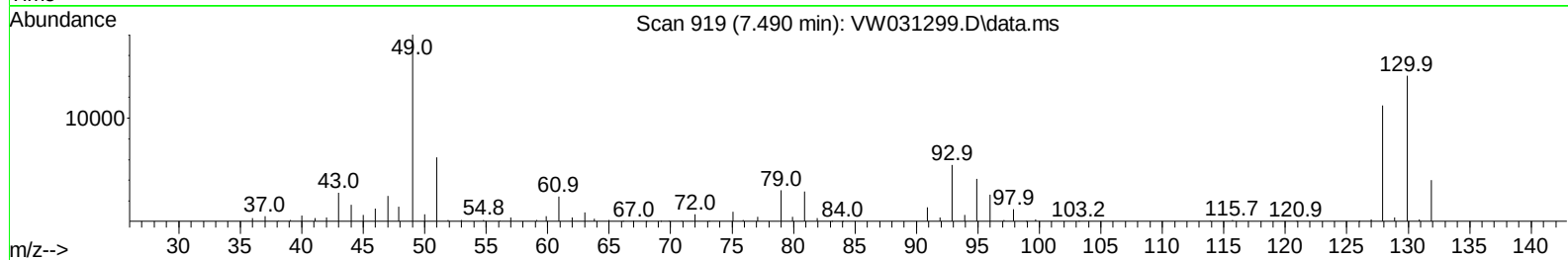
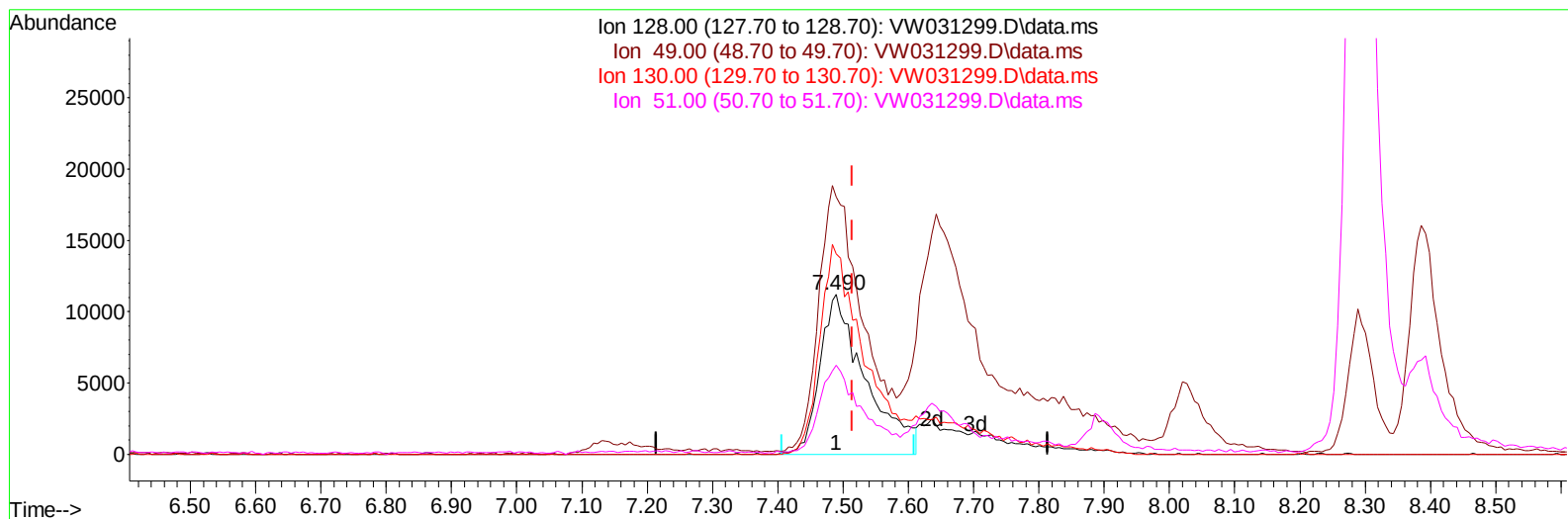
7.490min (-0.024) 5.72 ug/L

response 33990

Ion	Exp%	Act%
128.00	100.00	100.00
49.00	176.70	161.06
130.00	129.00	125.43
51.00	57.60	55.68

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121624\
Data File : VW031299.D
Acq On : 17 Dec 2024 03:01
Operator : SY/MD
Sample : P5155-19MSD
Misc : 3.73g/10mL/MSVOA_W/SOIL/A
ALS Vial : 46 Sample Multiplier: 1

Quant Time: Dec 17 03:43:37 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Dec 17 02:36:53 2024
Response via : Initial Calibration



TIC: VW031299.D\data.ms

(23) Bromochloromethane (T)

7.490min (-0.024) 9.10 ug/L m

response 54116

Ion	Exp%	Act%
128.00	100.00	100.00
49.00	176.70	161.06
130.00	129.00	125.43
51.00	57.60	55.68

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\Vw121624\
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 Quant Title : SFAM01.0
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 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.825	114	1042578	25.000	ug/L	-0.01
28) Chlorobenzene-d5	11.629	117	694172	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	217875	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.344	65	197353	12.581	ug/L	-0.02
Spiked Amount 25.000	Range 30	- 150	Recovery	=	50.320%	
7) Chloroethane-d5	2.832	69	28738	2.477	ug/L	-0.07
Spiked Amount 25.000	Range 30	- 150	Recovery	=	9.920%#	
11) 1,1-Dichloroethene-d2	4.009	65	75	0.010	ug/L	0.00
Spiked Amount 25.000	Range 45	- 110	Recovery	=	0.040%#	
21) 2-Butanone-d5	7.222	46	87185m	29.512	ug/L	0.13
Spiked Amount 50.000	Range 20	- 135	Recovery	=	59.020%	
24) Chloroform-d	7.636	84	268322	9.393	ug/L	-0.01
Spiked Amount 25.000	Range 40	- 150	Recovery	=	37.560%#	
26) 1,2-Dichloroethane-d4	8.295	65	206920	14.423	ug/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	57.680%#	
32) Benzene-d6	8.246	84	872649	19.613	ug/L	-0.03
Spiked Amount 25.000	Range 20	- 135	Recovery	=	78.440%	
36) 1,2-Dichloropropane-d6	9.264	67	264915	20.430	ug/L	0.00
Spiked Amount 25.000	Range 70	- 120	Recovery	=	81.720%	
41) Toluene-d8	10.313	98	802634	19.391	ug/L	0.00
Spiked Amount 25.000	Range 30	- 130	Recovery	=	77.560%	
43) trans-1,3-Dichloroprop...	10.581	79	86687	14.498	ug/L	0.00
Spiked Amount 25.000	Range 30	- 135	Recovery	=	58.000%	
47) 2-Hexanone-d5	10.947	63	42565	24.409	ug/L	0.02
Spiked Amount 50.000	Range 20	- 135	Recovery	=	48.820%	
56) 1,1,2,2-Tetrachloroeth...	12.696	84	83313	10.233	ug/L	0.00
Spiked Amount 25.000	Range 45	- 120	Recovery	=	40.920%#	
66) 1,2-Dichlorobenzene-d4	13.848	152	119646	14.792	ug/L	0.00
Spiked Amount 25.000	Range 75	- 120	Recovery	=	59.160%#	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.997	85	123993	13.159	ug/L	96
3) Chloromethane	2.210	50	191054	18.049	ug/L	99
5) Vinyl chloride	2.357	62	160514	10.942	ug/L	98
6) Bromomethane	2.735	94	39604m	4.391	ug/L	
8) Chloroethane	2.857	64	14264	1.635	ug/L	97
19) 1,1-Dichloroethane	6.161	63	133609	5.190	ug/L	99
20) cis-1,2-Dichloroethene	7.136	96	110794	7.433	ug/L	96
23) Bromochloromethane	7.490	128	54116m	9.103	ug/L	
25) Chloroform	7.667	83	198269	7.803	ug/L	95
27) 1,2-Dichloroethane	8.386	62	197711	12.377	ug/L	99
29) Cyclohexane	7.892	56	162763	8.646	ug/L	98
30) 1,1,1-Trichloroethane	7.843	97	220173	12.271	ug/L	99
31) Carbon tetrachloride	8.032	117	207785	12.999	ug/L	97
33) Benzene	8.295	78	733810	17.106	ug/L	100
34) Trichloroethene	9.069	95	210115	17.349	ug/L	94
35) Methylcyclohexane	9.300	83	178151	8.447	ug/L	94
37) 1,2-Dichloropropane	9.361	63	173297	16.193	ug/L	99
38) Bromodichloromethane	9.642	83	197536	14.198	ug/L	96

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 Quant Title : SFAM01.0
 QLast Update : Tue Dec 17 02:36:53 2024
 Response via : Initial Calibration

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

39) cis-1,3-Dichloropropene	10.069	75	249147	13.777	ug/L	97
40) 4-Methyl-2-pentanone	10.239	43	132312	23.304	ug/L #	87
42) Toluene	10.380	91	811619	17.377	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	182083	12.331	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	96417	13.545	ug/L	98
46) Tetrachloroethene	10.849	164	137495	15.499	ug/L	95
48) 2-Hexanone	10.989	43	92971	19.253	ug/L	100
49) Dibromochloromethane	11.129	129	97145	11.513	ug/L	99
50) 1,2-Dibromoethane	11.233	107	92626	13.736	ug/L #	97
51) Chlorobenzene	11.654	112	379776	12.969	ug/L	100
52) Ethylbenzene	11.727	91	813657	15.031	ug/L	98
53) m,p-Xylene	11.831	106	321919	15.622	ug/L	90
54) o-Xylene	12.160	106	280298	14.433	ug/L	97
55) Styrene	12.178	104	382785	11.849	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.715	83	65897	8.588	ug/L	99
59) Bromoform	12.349	173	37616	12.290	ug/L	98
60) Isopropylbenzene	12.458	105	775123	21.740	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	59398	15.932	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	586258	19.394	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	539128	18.453	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	207100	14.337	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	194548	13.593	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	149166	11.984	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	8922	9.430	ug/L	87
69) 1,3,5-Trichlorobenzene	14.623	180	109844	10.857	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	64992	7.723	ug/L	97
71) Naphthalene	15.360	128	152463	10.333	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	40806	6.018	ug/L	94

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

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