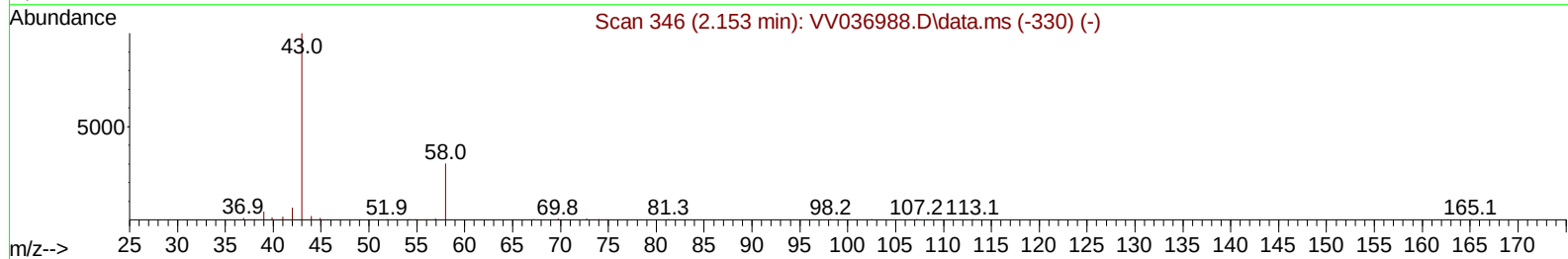
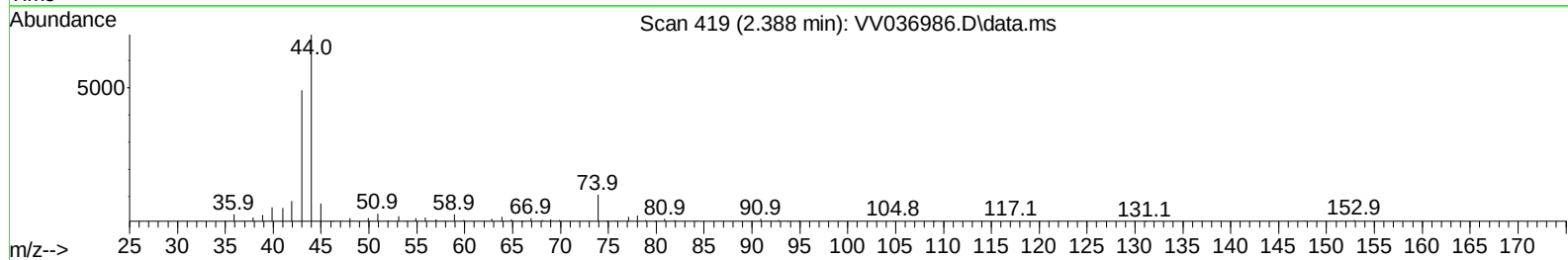
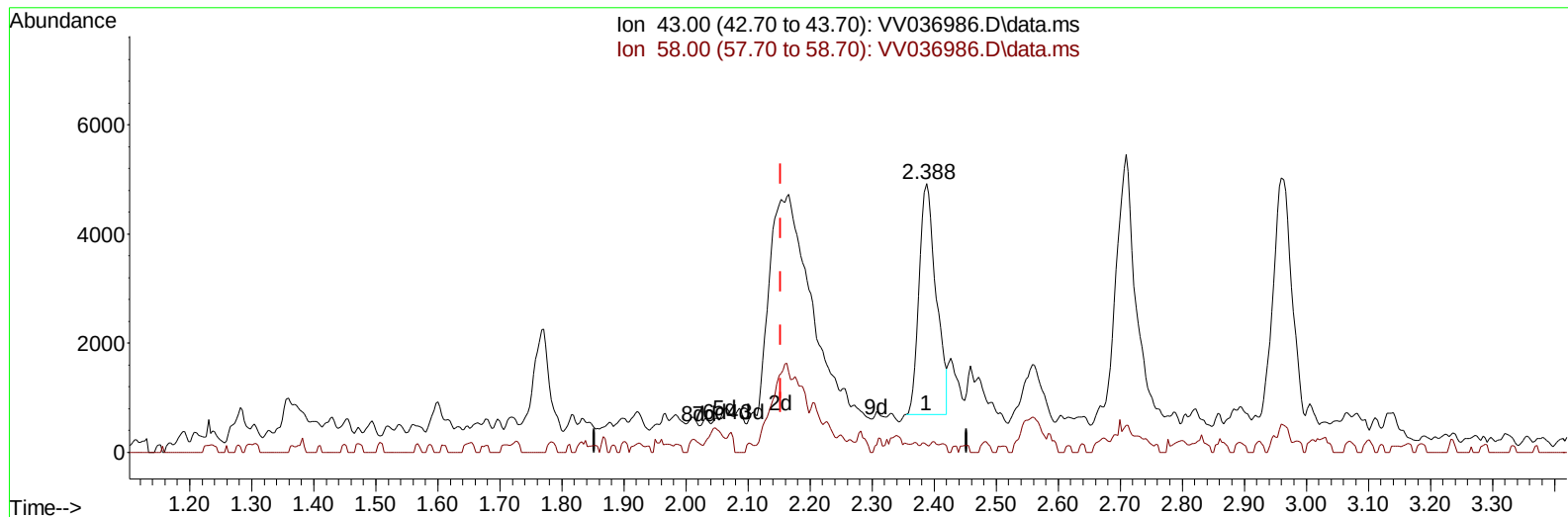


Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082124\
Data File : VV036986.D
Acq On : 21 Aug 2024 10:30
Operator : SY/MD
Sample : VSTD2.551
Misc : 5.00mL/10mL/MSVOA_V/SOIL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 22 01:01:07 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082124SMA.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 22 00:59:57 2024
Response via : Initial Calibration



TIC: VV036986.D\data.ms

(13) Acetone (T)

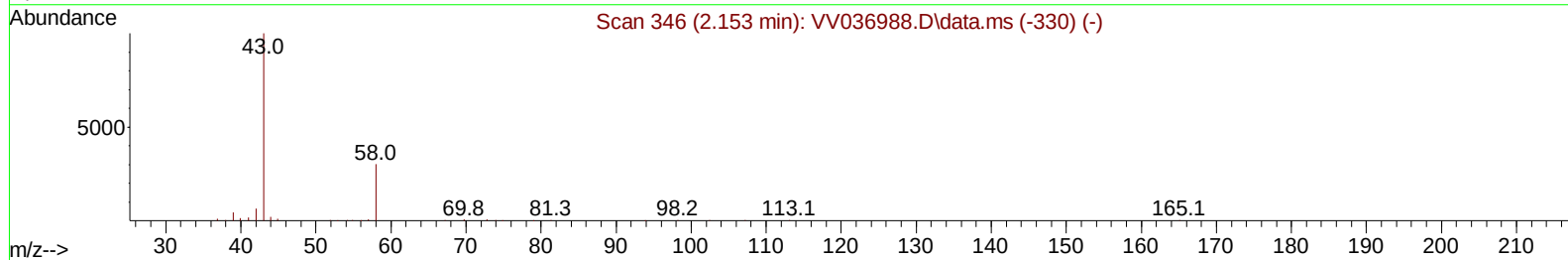
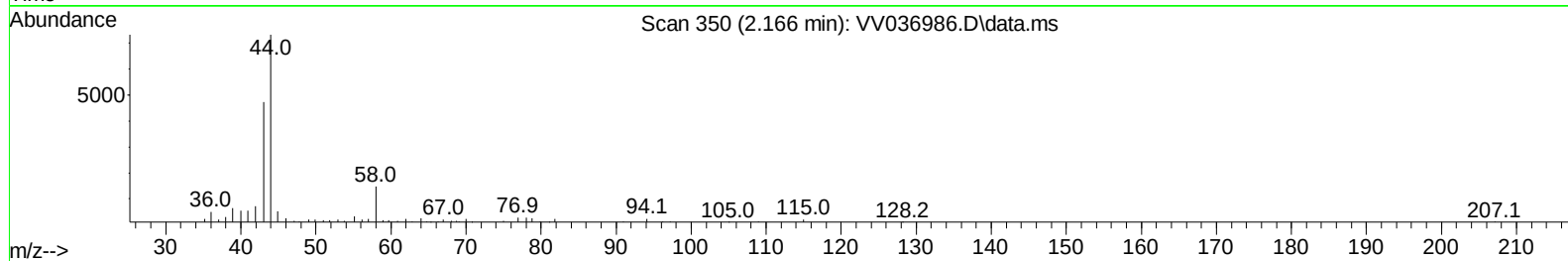
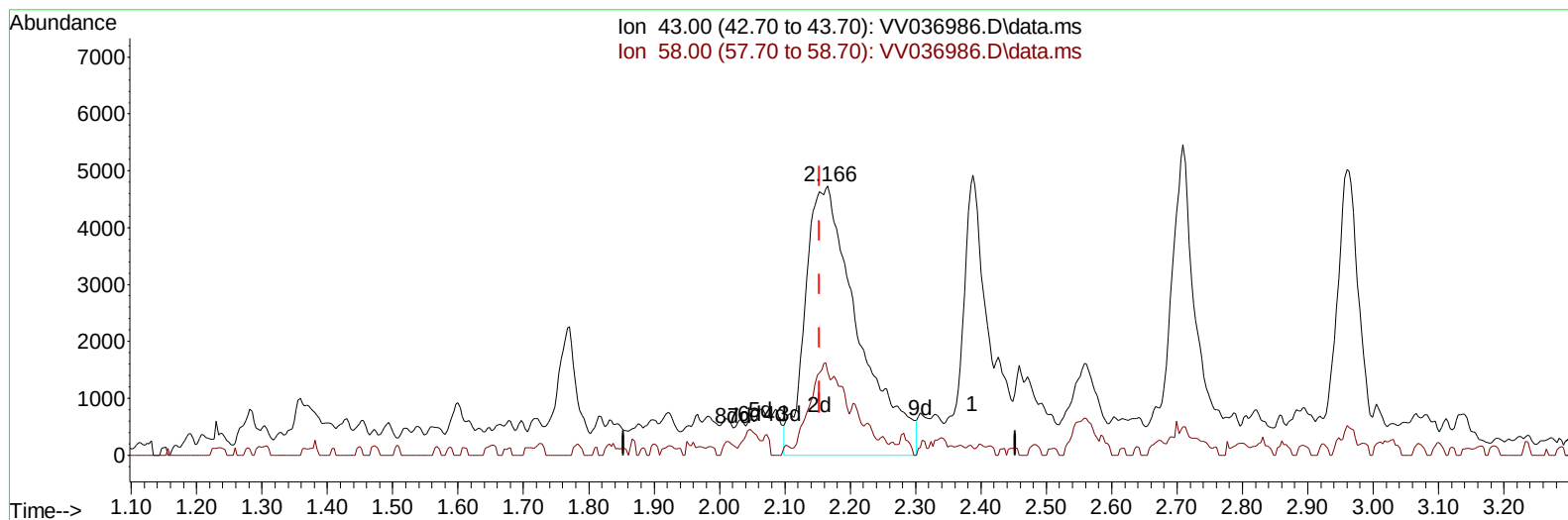
2.388min (+ 0.235) 2.63 ug/L

response 8082

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	9.40	0.40
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082124\
 Data File : VV036986.D
 Acq On : 21 Aug 2024 10:30
 Operator : SY/MD
 Sample : VSTD2.551
 Misc : 5.00mL/10mL/MSVOA_V/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 22 01:01:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082124SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 22 00:59:57 2024
 Response via : Initial Calibration



TIC: VV036986.D\data.ms

(13) Acetone (T)

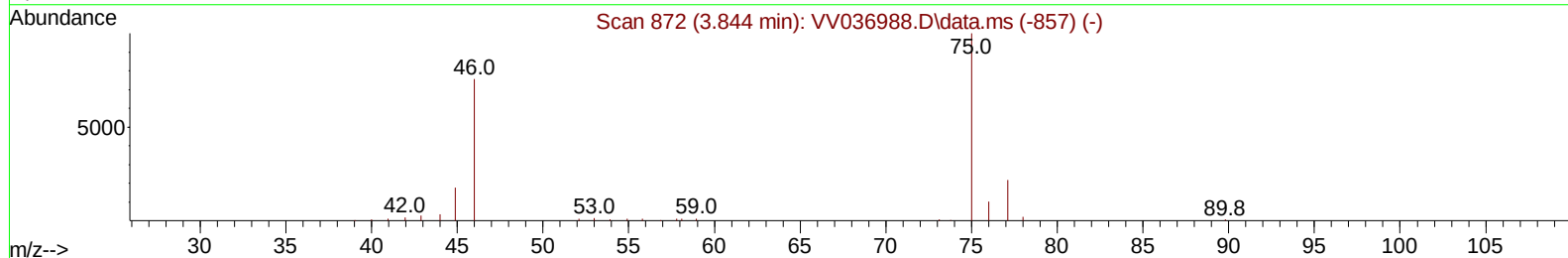
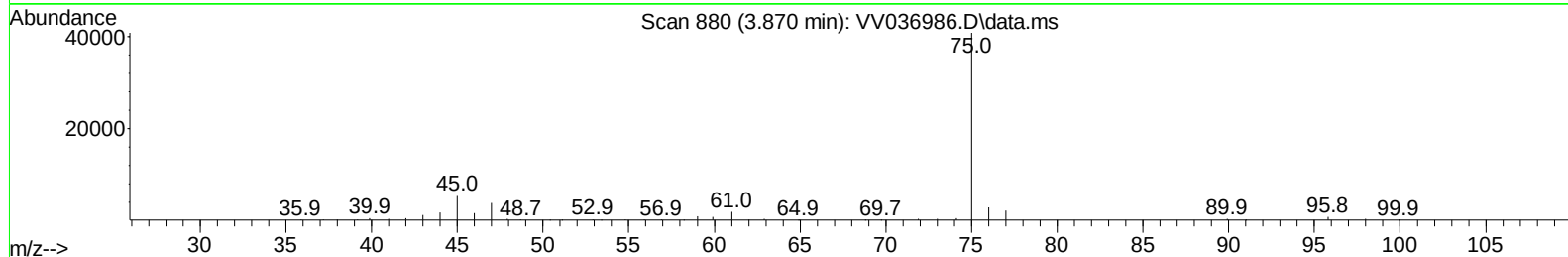
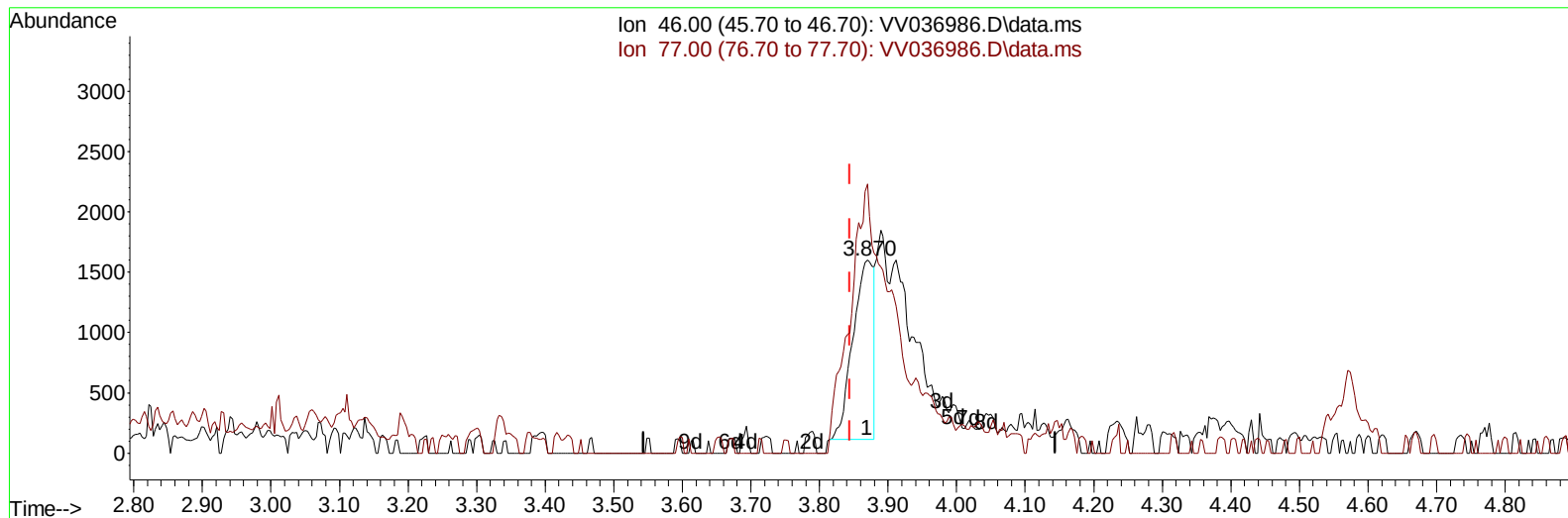
2.166min (+ 0.013) 8.67 ug/L m

response 26595

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	9.40	0.12
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082124\
Data File : VV036986.D
Acq On : 21 Aug 2024 10:30
Operator : SY/MD
Sample : VSTD2.551
Misc : 5.00mL/10mL/MSVOA_V/SOIL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 22 01:01:07 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082124SMA.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 22 00:59:57 2024
Response via : Initial Calibration



TIC: VV036986.D\data.ms

(21) 2-Butanone-d5 (S)

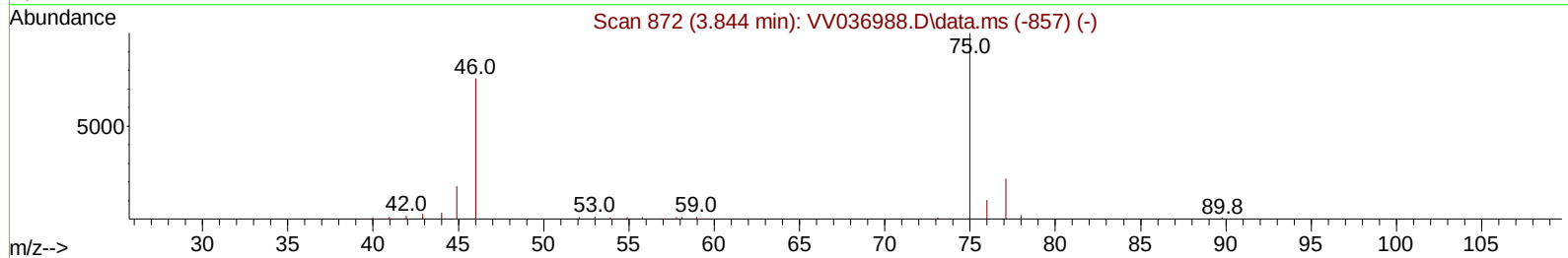
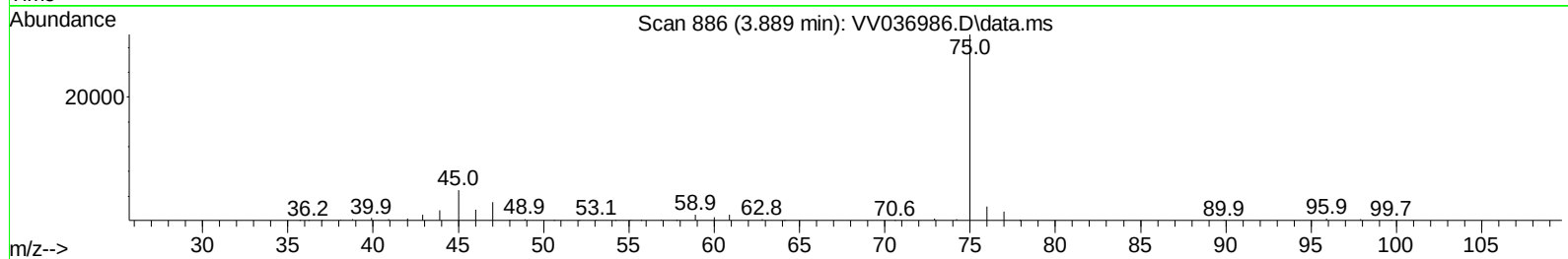
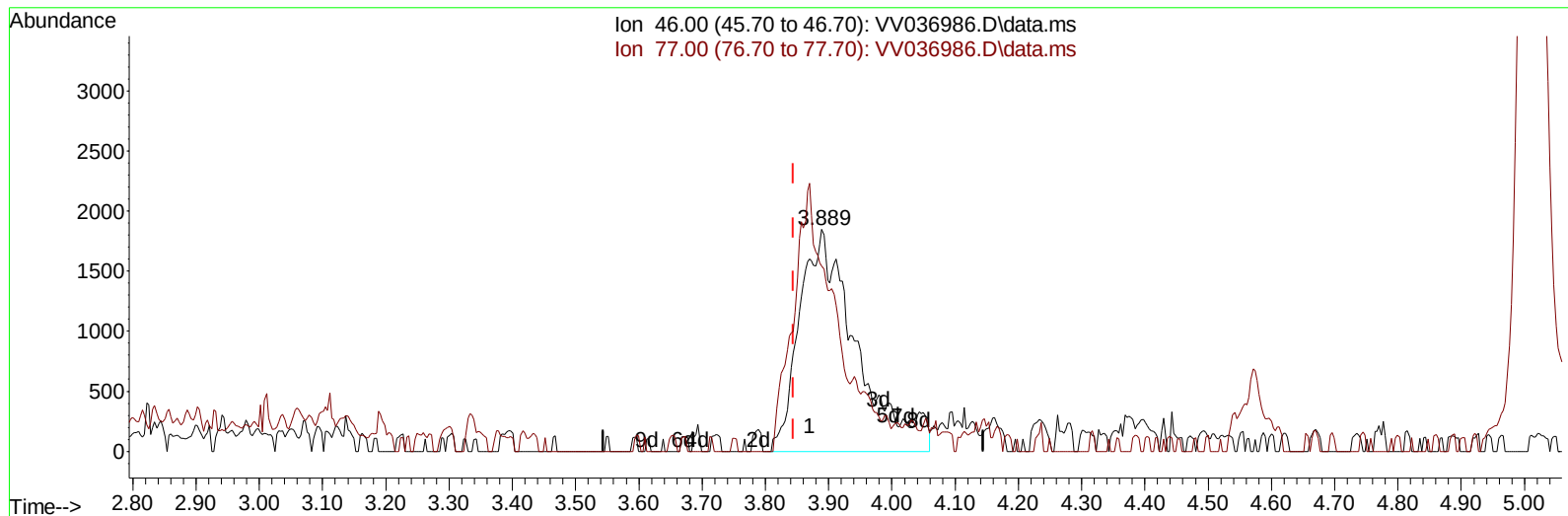
3.870min (+ 0.026) 1.82 ug/L

response 3130

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	9.90	19.46#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082124\
Data File : VV036986.D
Acq On : 21 Aug 2024 10:30
Operator : SY/MD
Sample : VSTD2.551
Misc : 5.00mL/10mL/MSVOA_V/SOIL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 22 01:01:07 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082124SMA.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 22 00:59:57 2024
Response via : Initial Calibration



TIC: VV036986.D\data.ms

(21) 2-Butanone-d5 (S)

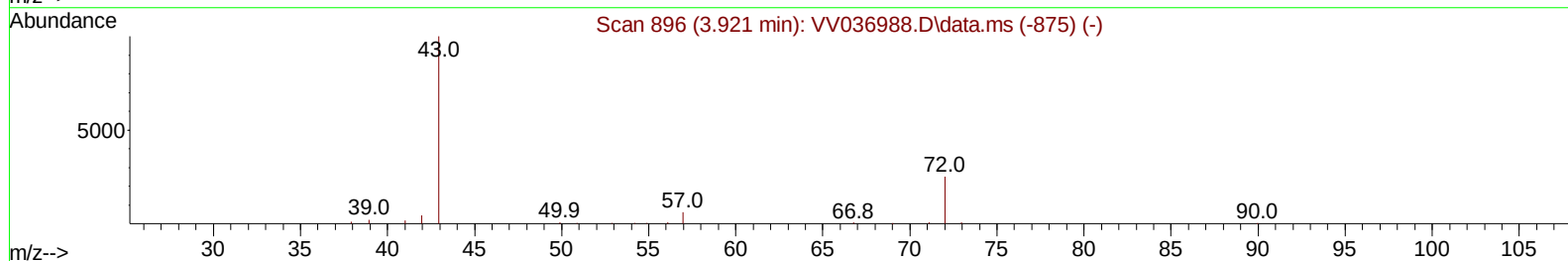
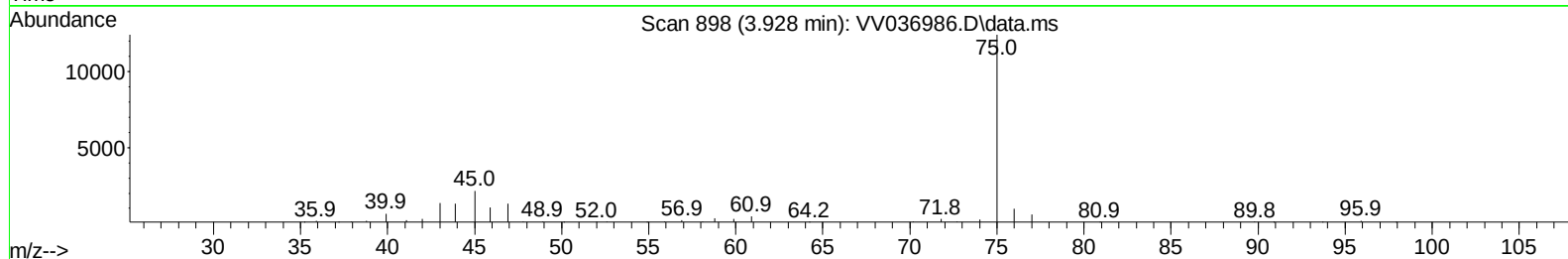
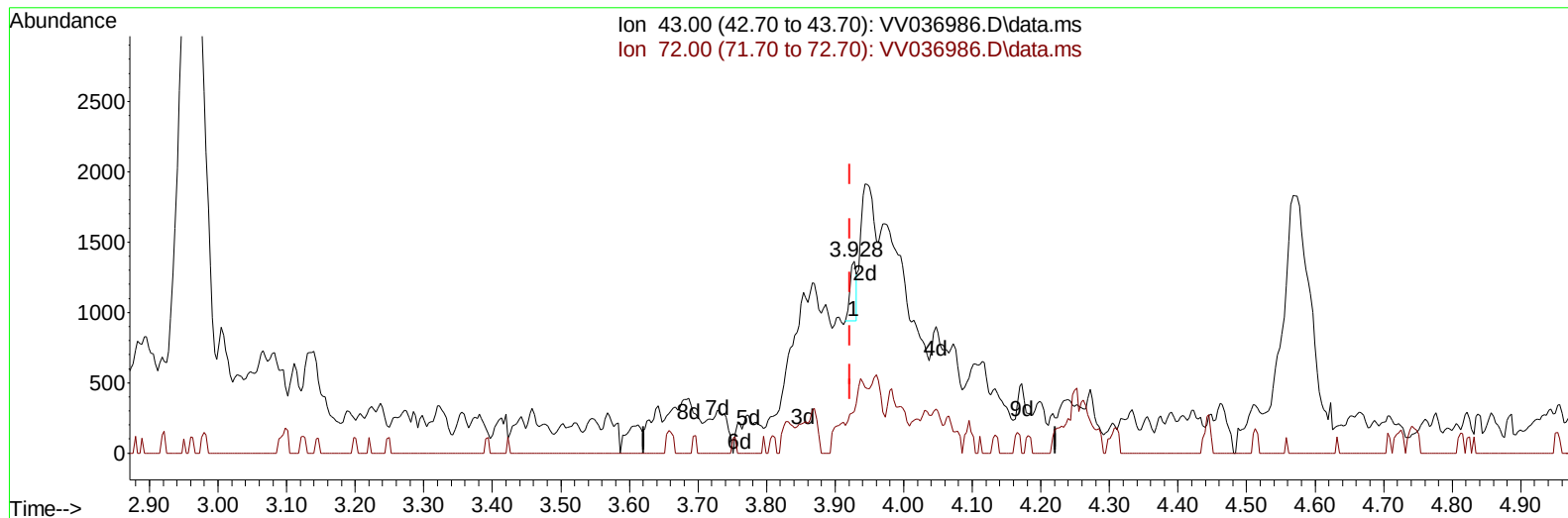
3.889min (+ 0.045) 6.68 ug/L m

response 11476

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	9.90	5.31#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082124\
Data File : VV036986.D
Acq On : 21 Aug 2024 10:30
Operator : SY/MD
Sample : VSTD2.551
Misc : 5.00mL/10mL/MSVOA_V/SOIL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 22 01:01:07 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082124SMA.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 22 00:59:57 2024
Response via : Initial Calibration



TIC: VV036986.D\data.ms

(22) 2-Butanone (T)

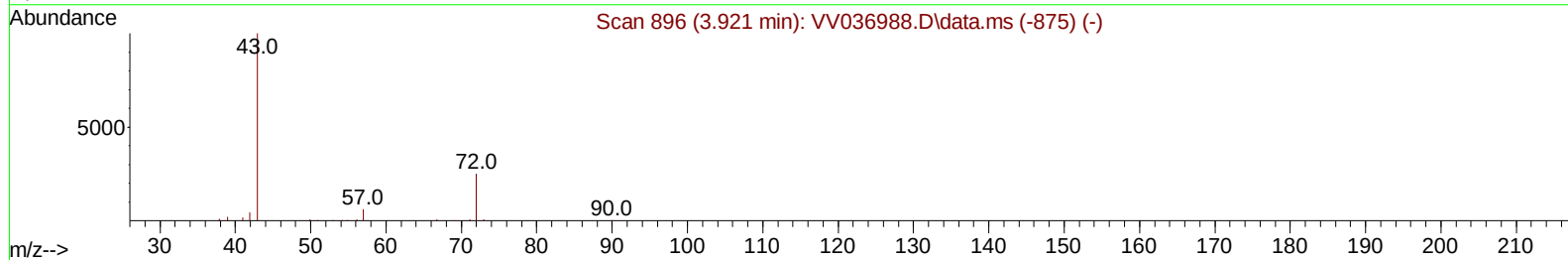
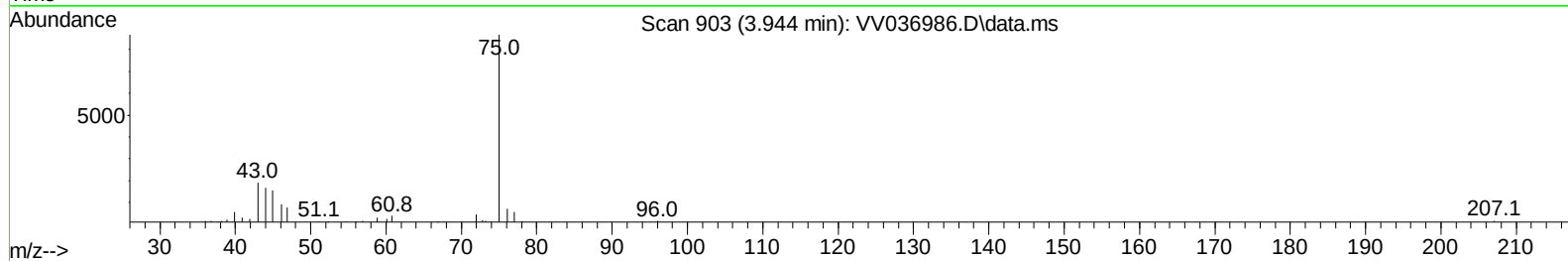
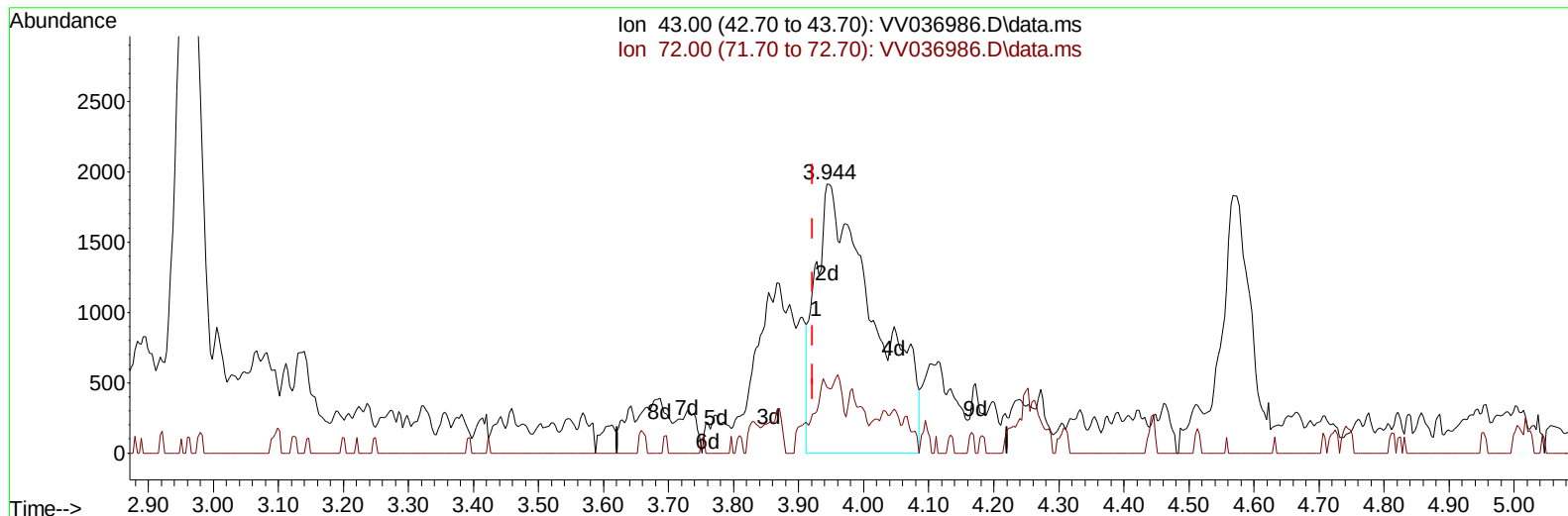
3.928min (+ 0.006) 0.12 ug/L

response 278

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	0.00	93.53#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082124\
Data File : VV036986.D
Acq On : 21 Aug 2024 10:30
Operator : SY/MD
Sample : VSTD2.551
Misc : 5.00mL/10mL/MSVOA_V/SOIL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 22 01:01:07 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082124SMA.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 22 00:59:57 2024
Response via : Initial Calibration



TIC: VV036986.D\data.ms

(22) 2-Butanone (T)

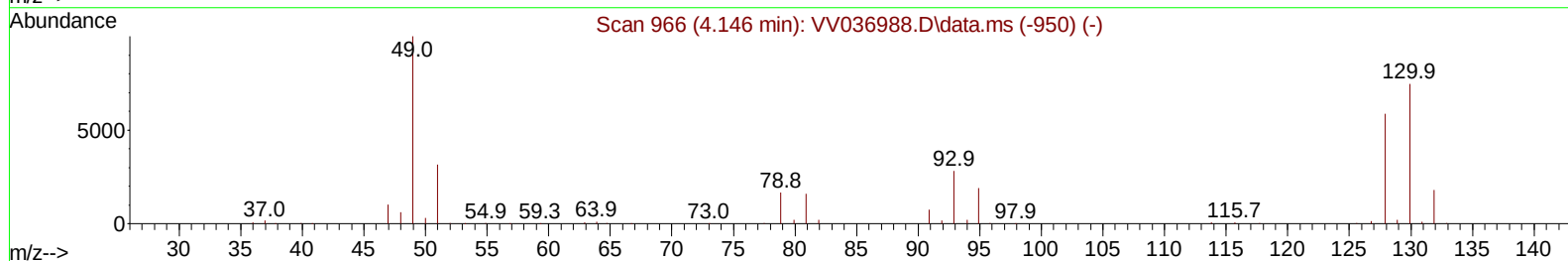
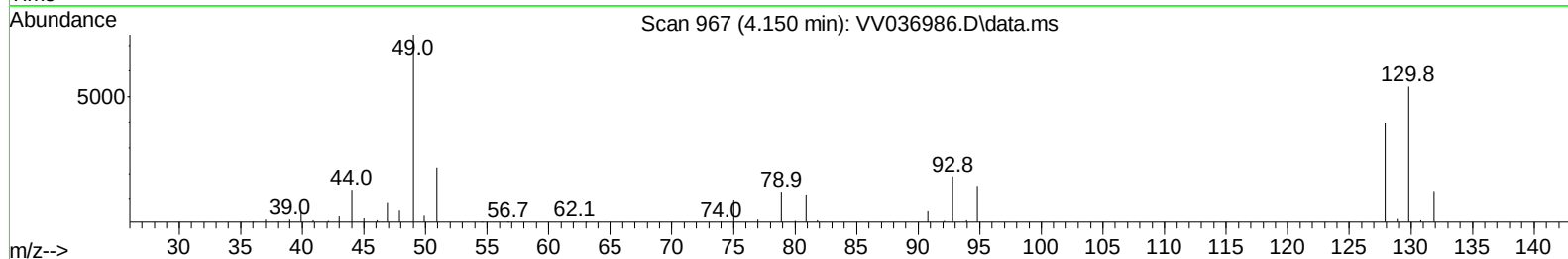
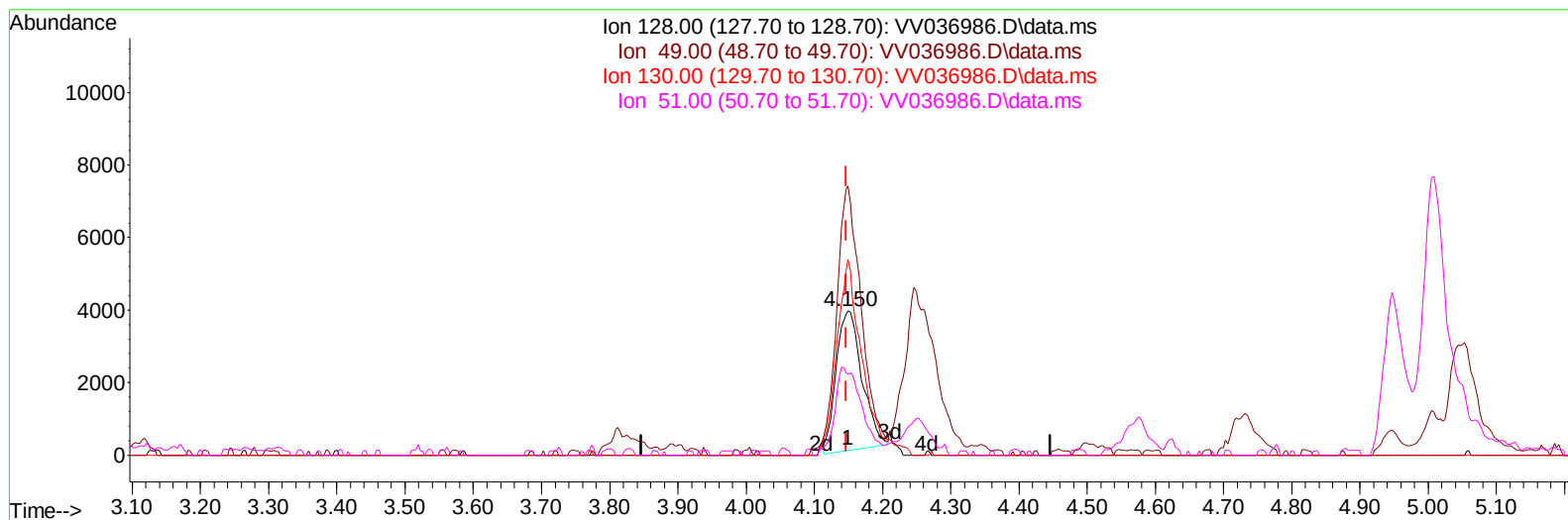
3.944min (+ 0.022) 5.29 ug/L m

response 11964

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	0.00	2.17#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082124\
Data File : VV036986.D
Acq On : 21 Aug 2024 10:30
Operator : SY/MD
Sample : VSTD2.551
Misc : 5.00mL/10mL/MSVOA_V/SOIL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 22 01:01:07 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082124SMA.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 22 00:59:57 2024
Response via : Initial Calibration



TIC: VV036986.D\data.ms

(23) Bromochloromethane (T)

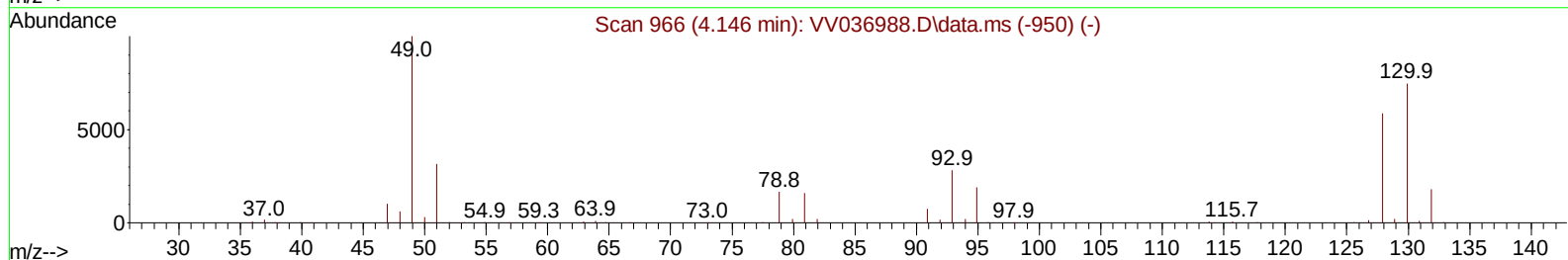
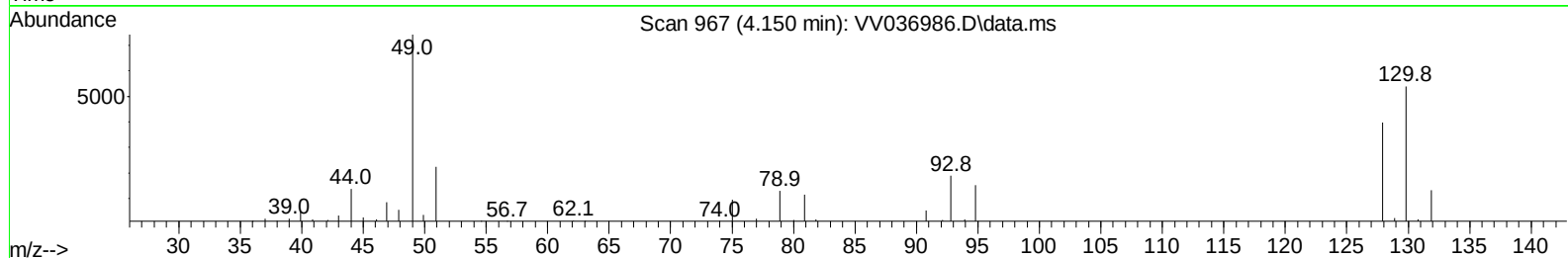
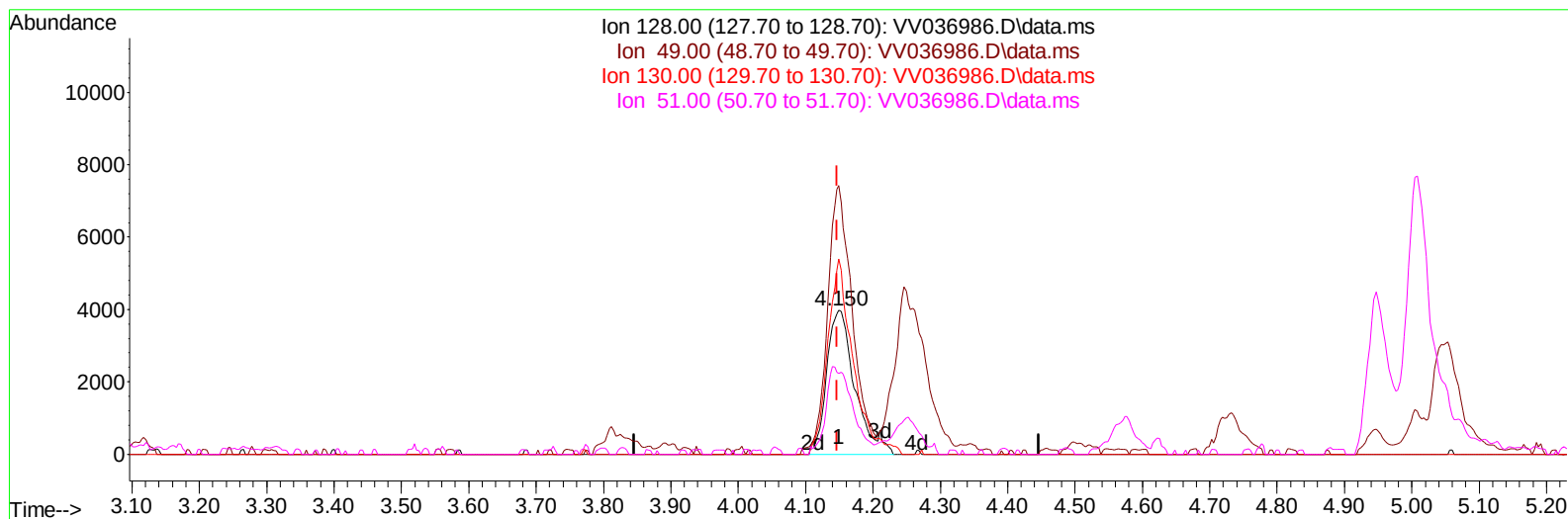
4.150min (+ 0.003) 2.25 ug/L

response 10103

Ion	Exp%	Act%
128.00	100.00	100.00
49.00	171.20	186.27
130.00	127.40	135.45
51.00	54.50	55.94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082124\
Data File : VV036986.D
Acq On : 21 Aug 2024 10:30
Operator : SY/MD
Sample : VSTD2.551
Misc : 5.00mL/10mL/MSVOA_V/SOIL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 22 01:01:07 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082124SMA.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 22 00:59:57 2024
Response via : Initial Calibration



TIC: VV036986.D\data.ms

(23) Bromochloromethane (T)

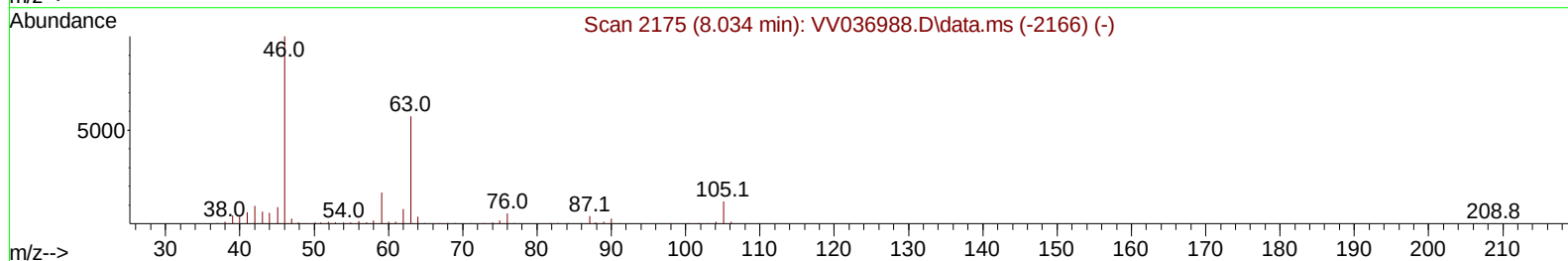
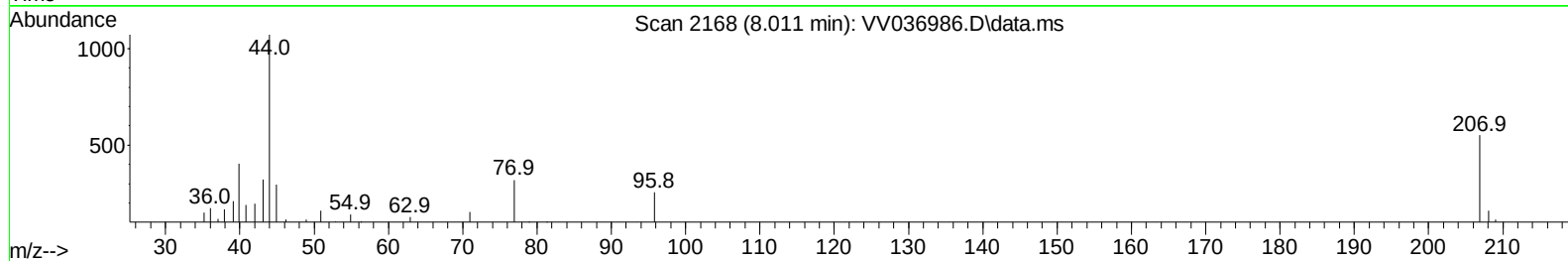
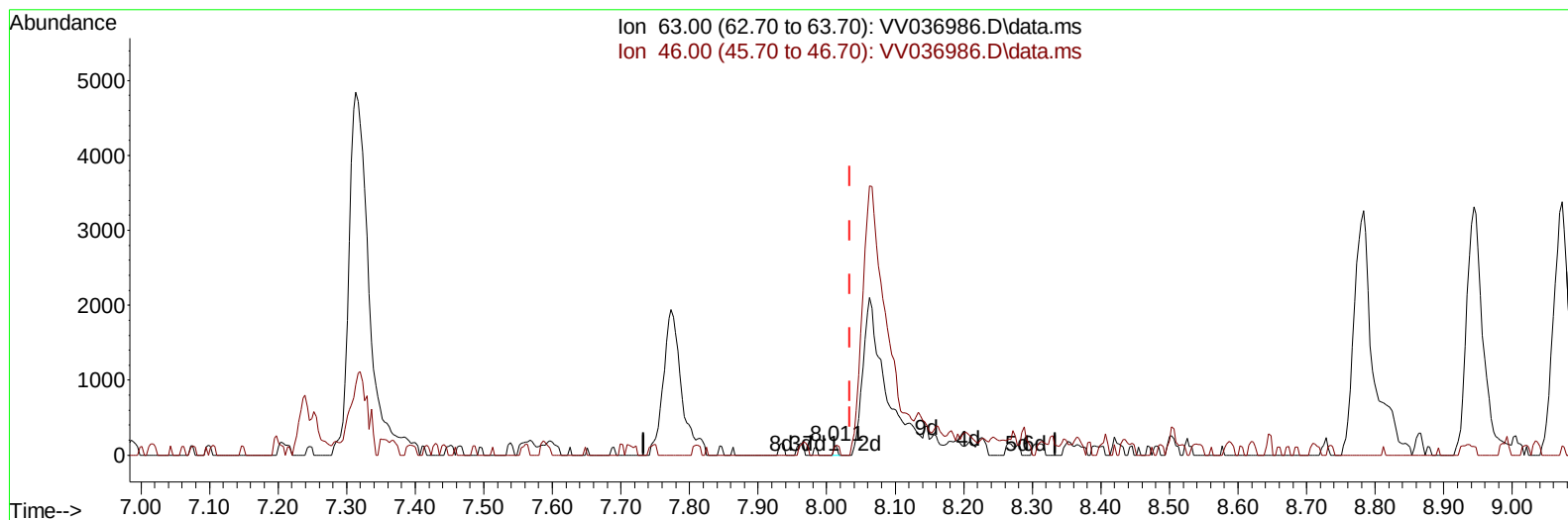
4.150min (+ 0.003) 2.57 ug/L m

response 11545

Ion	Exp%	Act%
128.00	100.00	100.00
49.00	171.20	186.27
130.00	127.40	135.45
51.00	54.50	55.94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082124\
Data File : VV036986.D
Acq On : 21 Aug 2024 10:30
Operator : SY/MD
Sample : VSTD2.551
Misc : 5.00mL/10mL/MSVOA_V/SOIL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 22 01:01:07 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082124SMA.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 22 00:59:57 2024
Response via : Initial Calibration



TIC: VV036986.D\data.ms

(47) 2-Hexanone-d5 (S)

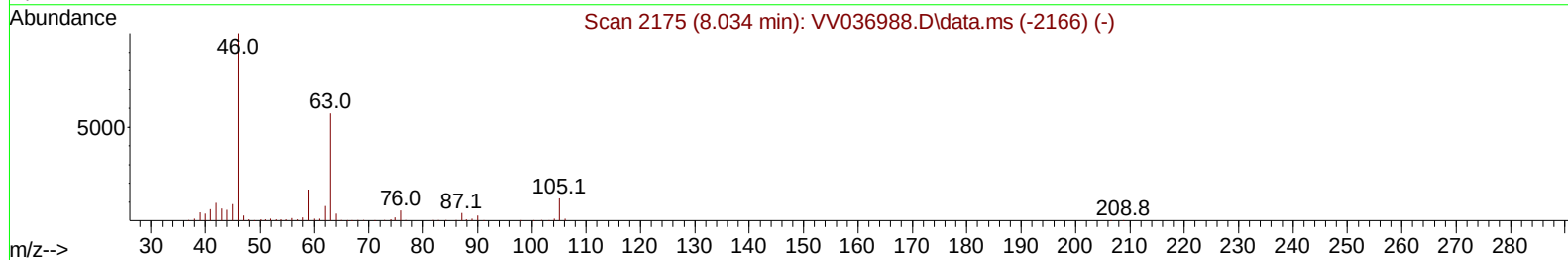
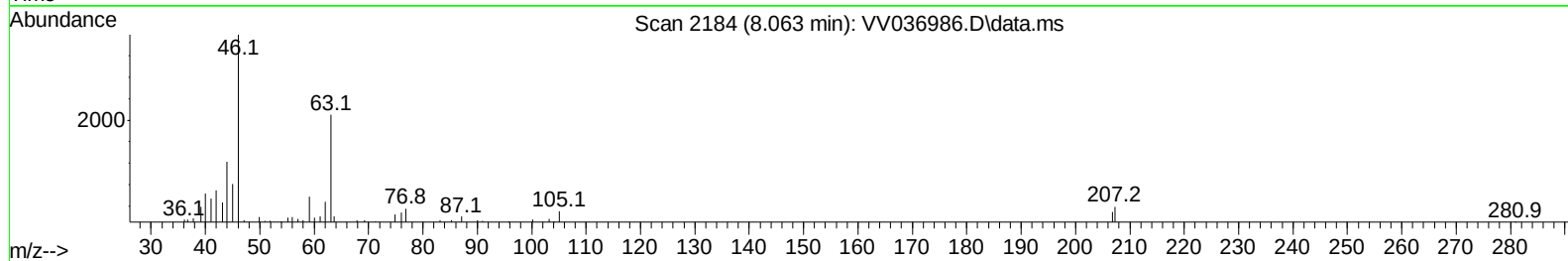
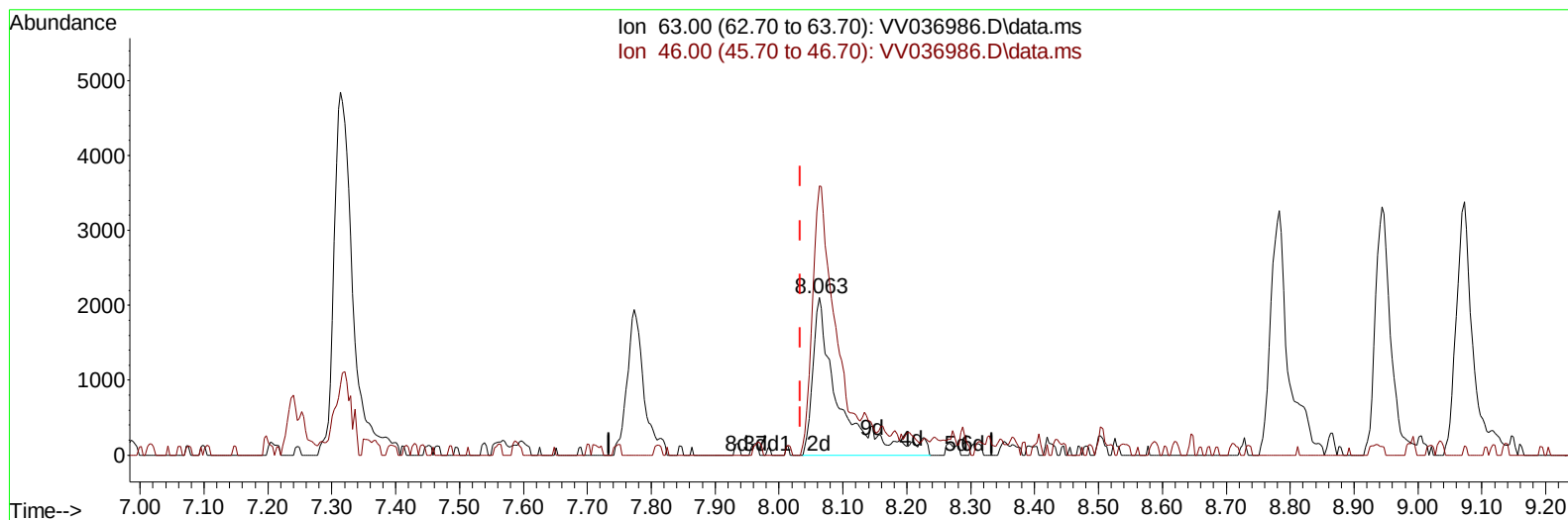
8.011min (-0.023) 0.05 ug/L

response 47

Ion	Exp%	Act%
63.00	100.00	100.00
46.00	175.90	148.94
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082124\
Data File : VV036986.D
Acq On : 21 Aug 2024 10:30
Operator : SY/MD
Sample : VSTD2.551
Misc : 5.00mL/10mL/MSVOA_V/SOIL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 22 01:01:07 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082124SMA.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 22 00:59:57 2024
Response via : Initial Calibration



TIC: VV036986.D\data.ms

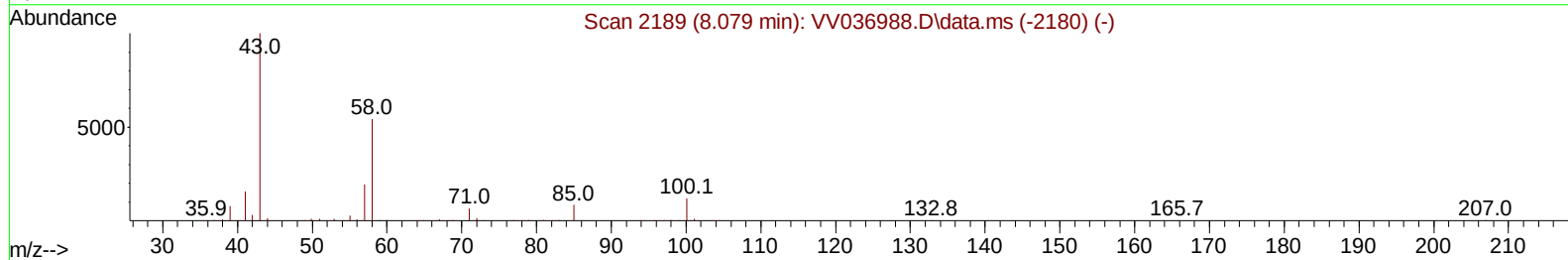
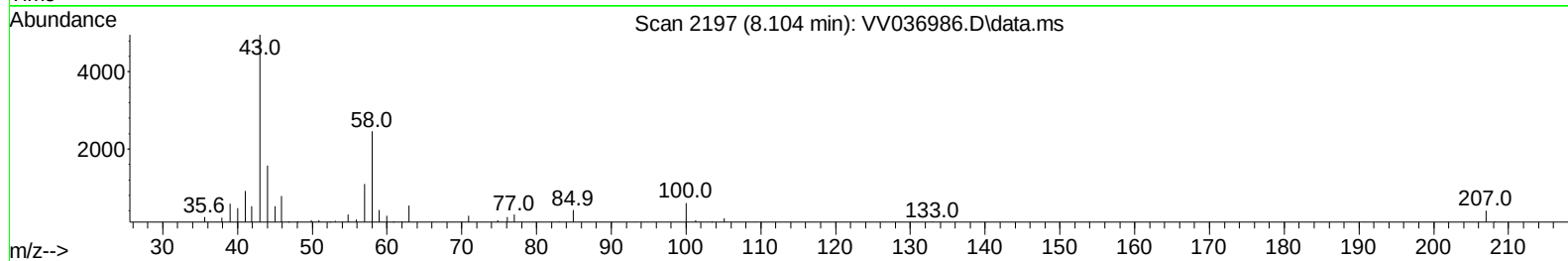
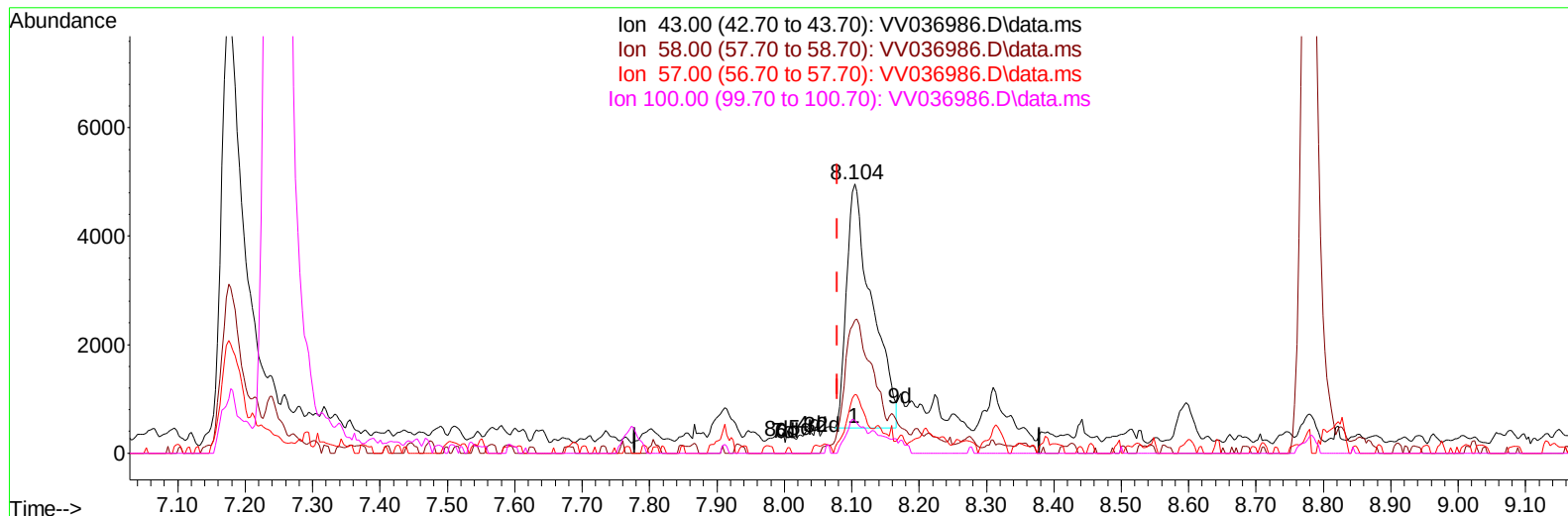
(47) 2-Hexanone-d5 (S)

8.063min (+ 0.029) 5.75 ug/L m

response 5996

Ion	Exp%	Act%
63.00	100.00	100.00
46.00	175.90	1.17#
0.00	0.00	0.00
0.00	0.00	0.00

Quant Time: Aug 22 01:01:07 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082124SMA.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 22 00:59:57 2024
Response via : Initial Calibration



TIC: VV036986.D\data.ms

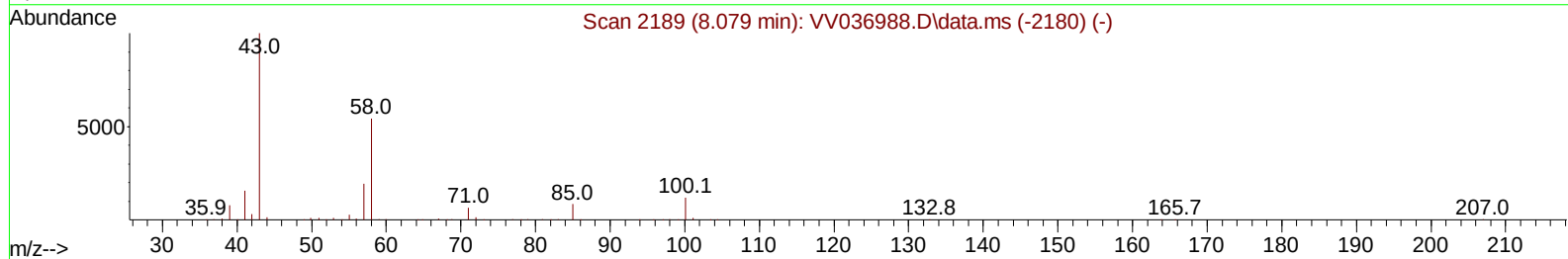
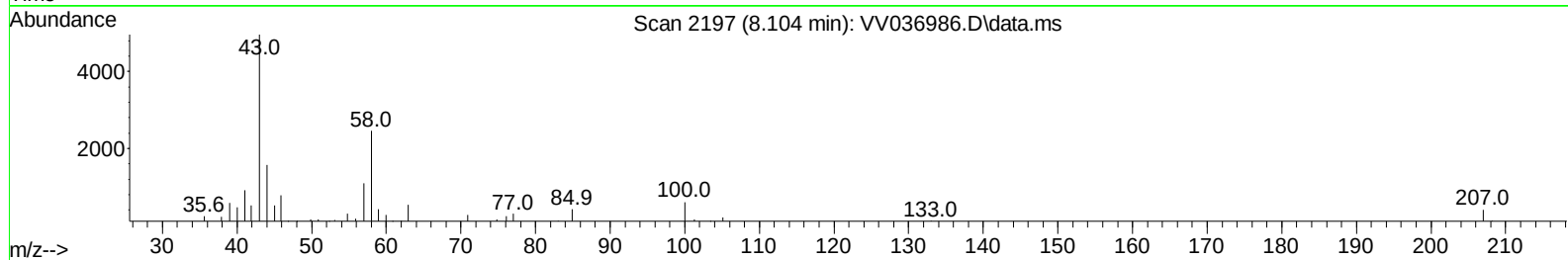
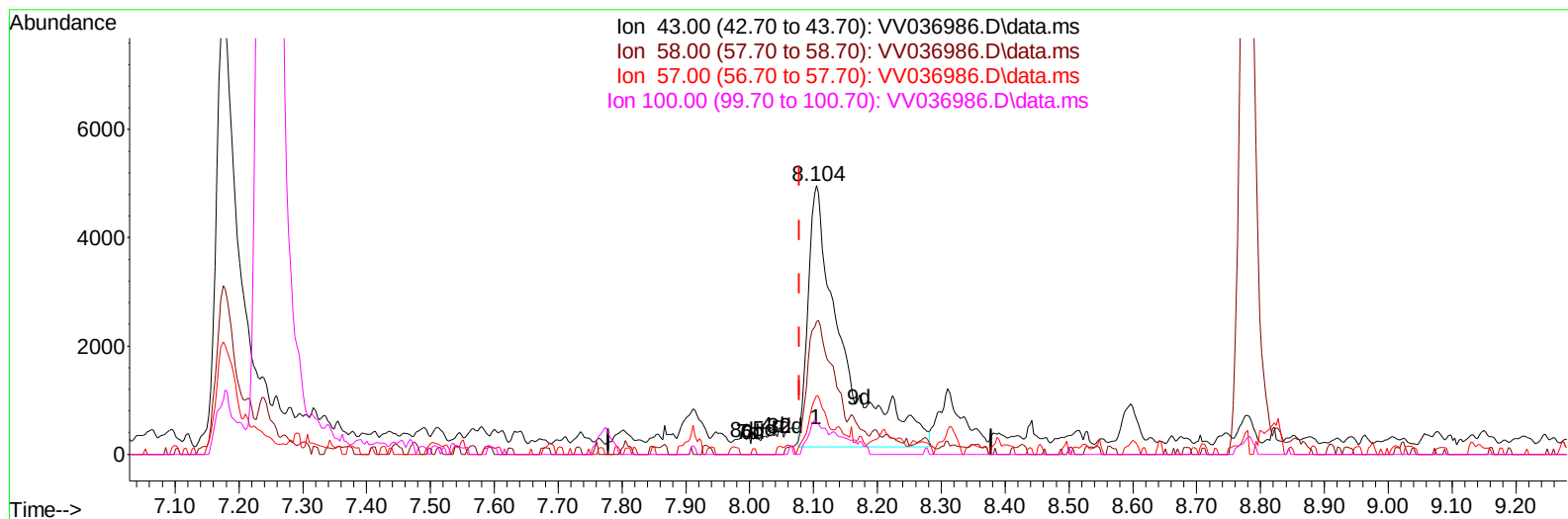
8.104min (+ 0.026) 3.66 ug/L

response	11750
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Ion	Exp%	Act%
43.00	100.00	100.00
58.00	56.30	62.31
57.00	16.60	18.48
100.00	11.40	9.79

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082124\
Data File : VV036986.D
Acq On : 21 Aug 2024 10:30
Operator : SY/MD
Sample : VSTD2.551
Misc : 5.00mL/10mL/MSVOA_V/SOIL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 22 01:01:07 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082124SMA.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 22 00:59:57 2024
Response via : Initial Calibration



TIC: VV036986.D\data.ms

(48) 2-Hexanone (T)

8.104min (+ 0.026) 5.58 ug/L m

response 17924

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	56.30	40.84#
57.00	16.60	12.11#
100.00	11.40	6.42#

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082124\
 Data File : VV036986.D
 Acq On : 21 Aug 2024 10:30
 Operator : SY/MD
 Sample : VSTD2.551
 Misc : 5.00mL/10mL/MSVOA_V/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 22 01:01:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082124SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 22 00:59:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	702917	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	649678	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	306883	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	33009	2.889	ug/L	0.00
7) Chloroethane-d5	1.532	69	27149	2.908	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.060	65	14254	2.828	ug/L	0.00
21) 2-Butanone-d5	3.889	46	11476m	6.680	ug/L	0.04
24) Chloroform-d	4.246	84	57669	2.763	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.947	65	26436	2.776	ug/L	0.00
32) Benzene-d6	4.957	84	114240	2.786	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.992	67	33106	2.724	ug/L	0.00
41) Toluene-d8	7.243	98	103612	2.784	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.564	79	10147	2.356	ug/L	0.01
47) 2-Hexanone-d5	8.063	63	5996m	5.753	ug/L	0.03
56) 1,1,2,2-Tetrachloroeth...	10.149	84	17806	2.632	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.558	152	32176	2.818	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	31791	2.982	ug/L	99
3) Chloromethane	1.217	50	34540	2.679	ug/L	99
5) Vinyl chloride	1.282	62	33138	2.664	ug/L	95
6) Bromomethane	1.491	94	21294	2.641	ug/L	91
8) Chloroethane	1.552	64	20197	2.551	ug/L	93
9) Trichlorofluoromethane	1.716	101	41483	2.610	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	26790	2.732	ug/L	97
12) 1,1-Dichloroethene	2.069	96	24227	2.574	ug/L	92
13) Acetone	2.166	43	26595m	8.669	ug/L	
14) Carbon disulfide	2.240	76	83947	2.649	ug/L	100
15) Methyl Acetate	2.388	43	8082	2.341	ug/L	92
16) Methylene chloride	2.446	84	64051	4.151	ug/L	99
17) trans-1,2-Dichloroethene	2.690	96	27051	2.566	ug/L	99
18) Methyl tert-butyl Ether	2.709	73	51167	2.362	ug/L	98
19) 1,1-Dichloroethane	3.108	63	48996	2.440	ug/L	98
20) cis-1,2-Dichloroethene	3.818	96	27824	2.445	ug/L	97
22) 2-Butanone	3.944	43	11964m	5.294	ug/L	
23) Bromochloromethane	4.150	128	11545m	2.574	ug/L	
25) Chloroform	4.275	83	50064	2.491	ug/L	93
27) 1,2-Dichloroethane	5.047	62	23917	2.178	ug/L	97
29) Cyclohexane	4.571	56	43095	2.654	ug/L	97
30) 1,1,1-Trichloroethane	4.507	97	41307	2.569	ug/L	97
31) Carbon tetrachloride	4.728	117	34018	2.550	ug/L	100
33) Benzene	5.008	78	103210	2.471	ug/L	100
34) Trichloroethene	5.834	95	29990	2.529	ug/L	96
35) Methylcyclohexane	6.043	83	46480	2.644	ug/L	98
37) 1,2-Dichloropropane	6.095	63	24122	2.337	ug/L #	98
38) Bromodichloromethane	6.432	83	29965	2.325	ug/L	99
39) cis-1,3-Dichloropropene	6.960	75	32986	2.135	ug/L	92
40) 4-Methyl-2-pentanone	7.175	43	19216	4.505	ug/L #	86
42) Toluene	7.317	91	107406	2.431	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082124\
 Data File : VV036986.D
 Acq On : 21 Aug 2024 10:30
 Operator : SY/MD
 Sample : VSTD2.551
 Misc : 5.00mL/10mL/MSVOA_V/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 22 01:01:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082124SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 22 00:59:57 2024
 Response via : Initial Calibration

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

44) trans-1,3-Dichloropropene	7.590	75	24860	2.122	ug/L	90
45) 1,1,2-Trichloroethane	7.773	97	15965	2.389	ug/L	97
46) Tetrachloroethene	7.902	164	22449	2.711	ug/L	96
48) 2-Hexanone	8.104	43	17924m	5.576	ug/L	
49) Dibromochloromethane	8.175	129	16640	2.240	ug/L	95
50) 1,2-Dibromoethane	8.284	107	14021	2.271	ug/L #	96
51) Chlorobenzene	8.812	112	70350	2.494	ug/L	99
52) Ethylbenzene	8.944	91	121769	2.440	ug/L	98
53) m,p-Xylene	9.072	106	43288	2.345	ug/L	94
54) o-Xylene	9.474	106	41310	2.323	ug/L	98
55) Styrene	9.497	104	66761	2.249	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	15395	2.414	ug/L	95
59) Bromoform	9.664	173	8058	2.242	ug/L #	93
60) Isopropylbenzene	9.863	105	114395	2.424	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	11482	2.333	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	93297	2.386	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	91532	2.362	ug/L	98
64) 1,3-Dichlorobenzene	11.117	146	54352	2.586	ug/L	98
65) 1,4-Dichlorobenzene	11.204	146	54993	2.631	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	44202	2.443	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.365	75	2212	2.207	ug/L	92
69) 1,3,5-Trichlorobenzene	12.580	180	36472	2.497	ug/L	98
70) 1,2,4-trichlorobenzene	13.197	180	28876	2.472	ug/L	97
71) Naphthalene	13.442	128	46067	2.513	ug/L	98
72) 1,2,3-Trichlorobenzene	13.680	180	24090	2.457	ug/L	96

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

[illegible]