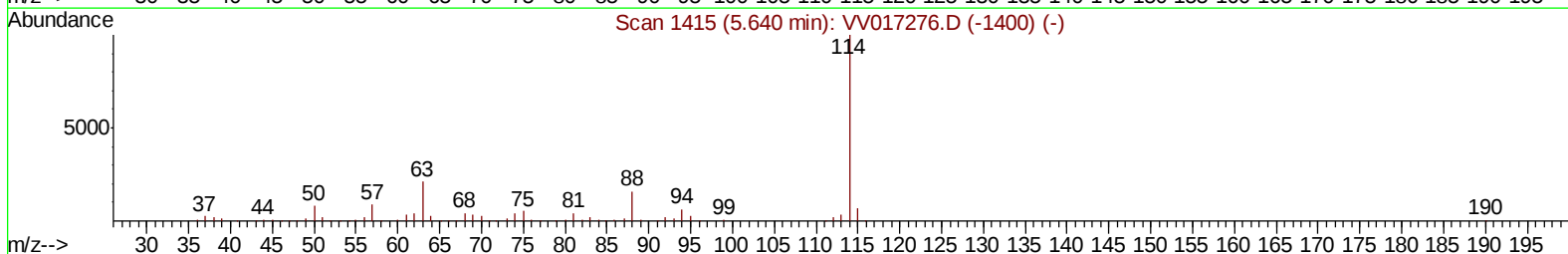
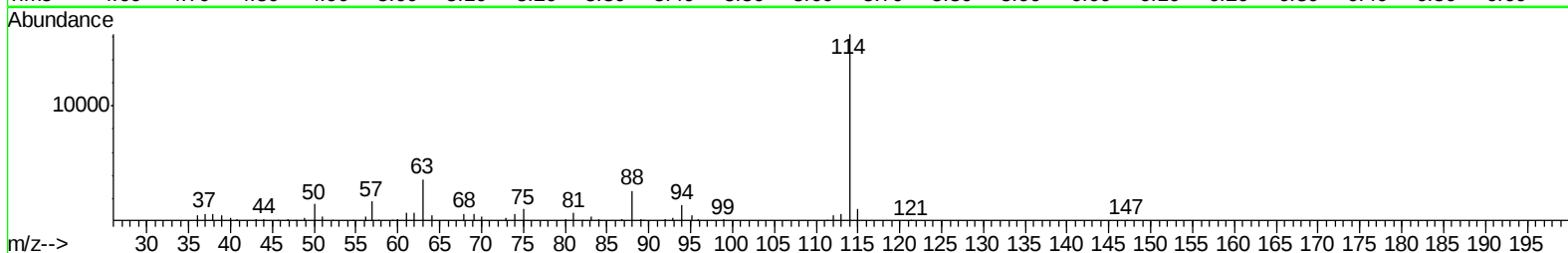
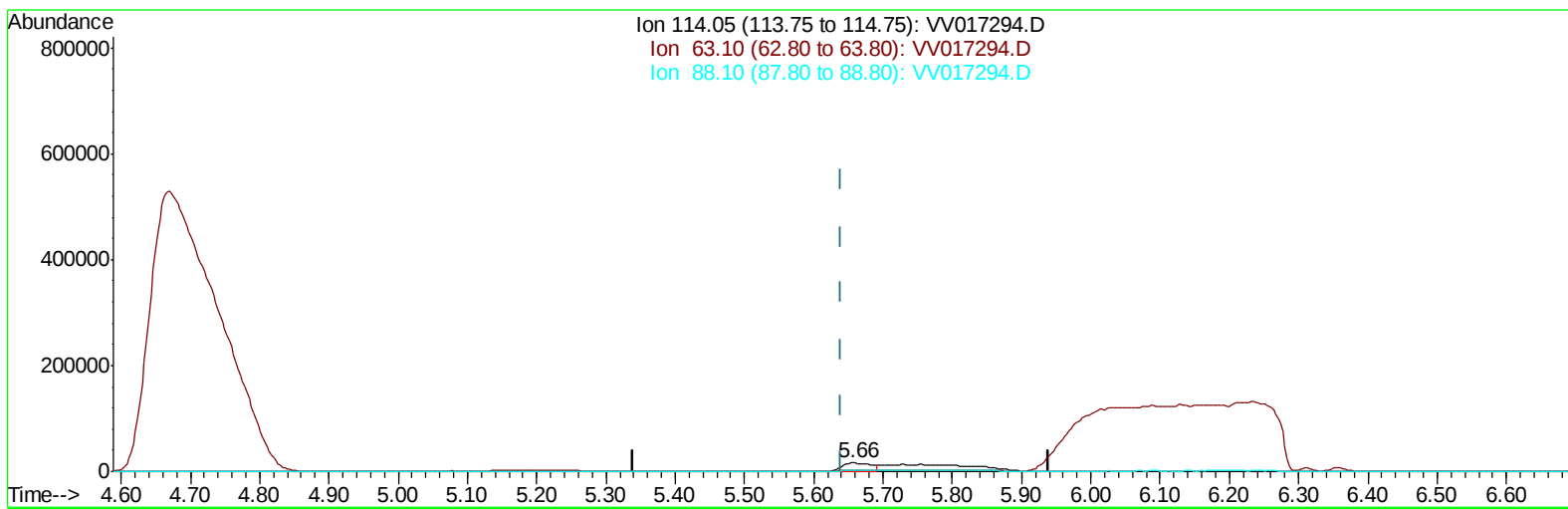


Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV070120\
Data File : VV017294.D
Acq On : 01 Jul 2020 17:10
Operator : SY/MD
Sample : L3150-13
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jul 15 01:41:11 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 15 01:40:01 2020
Response via : Initial Calibration



TIC: VV017294.D

(1) 1,4-Difluorobenzene (I)

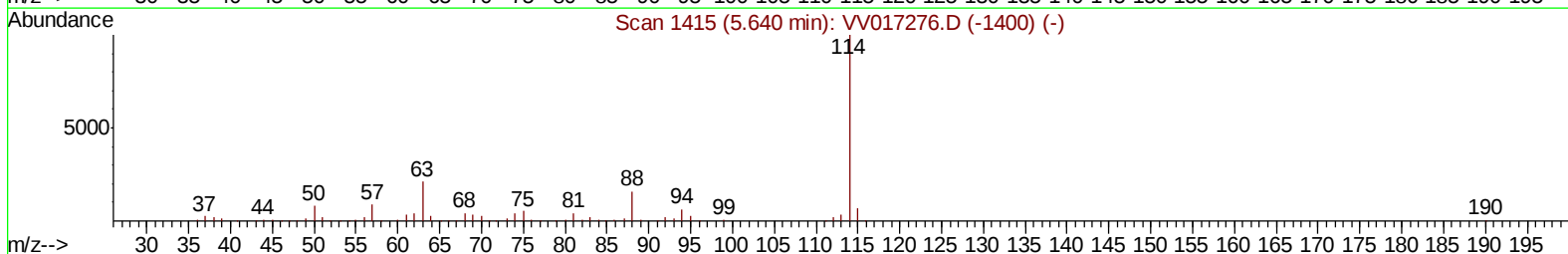
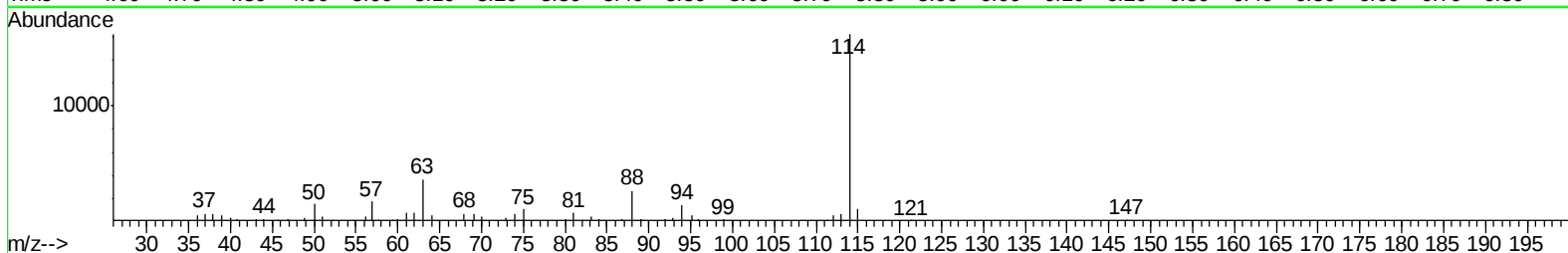
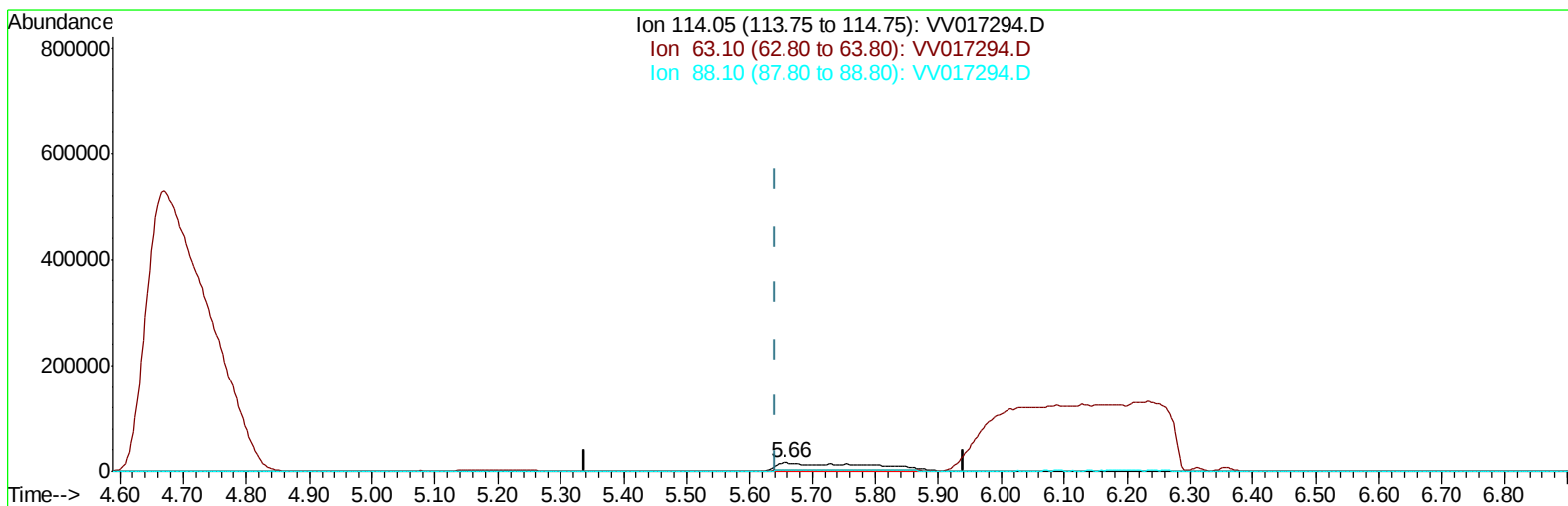
5.656min (+0.016) 5.00ug/L

response 48950

Ion	Exp%	Act%
114.05	100	100
63.10	21.40	21.08
88.10	16.60	10.88#
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV070120\
Data File : VV017294.D
Acq On : 01 Jul 2020 17:10
Operator : SY/MD
Sample : L3150-13
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jul 15 01:41:11 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 15 01:40:01 2020
Response via : Initial Calibration



TIC: VV017294.D

(1) 1,4-Difluorobenzene (I)

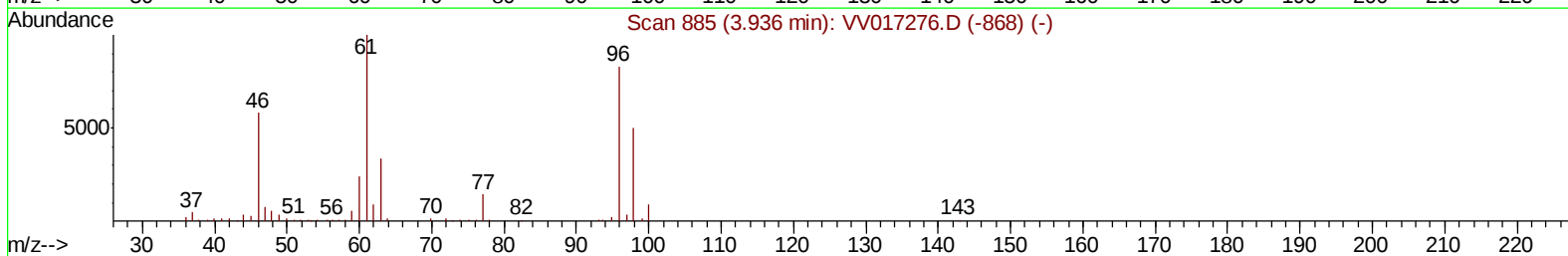
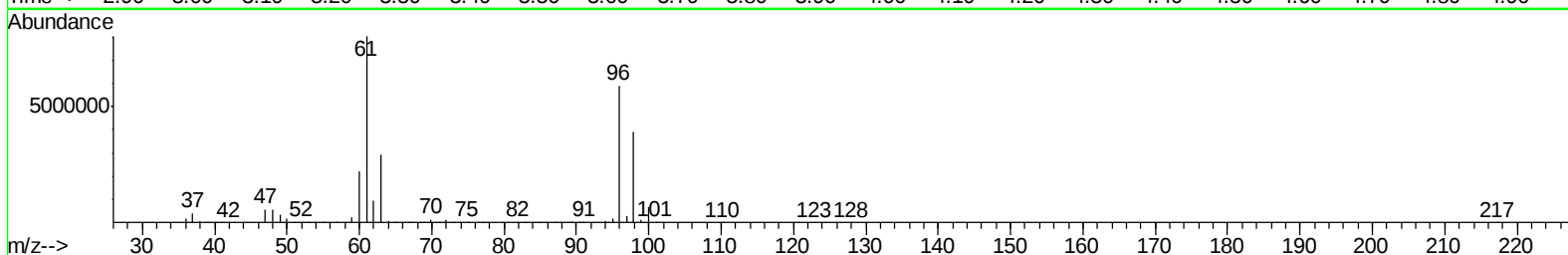
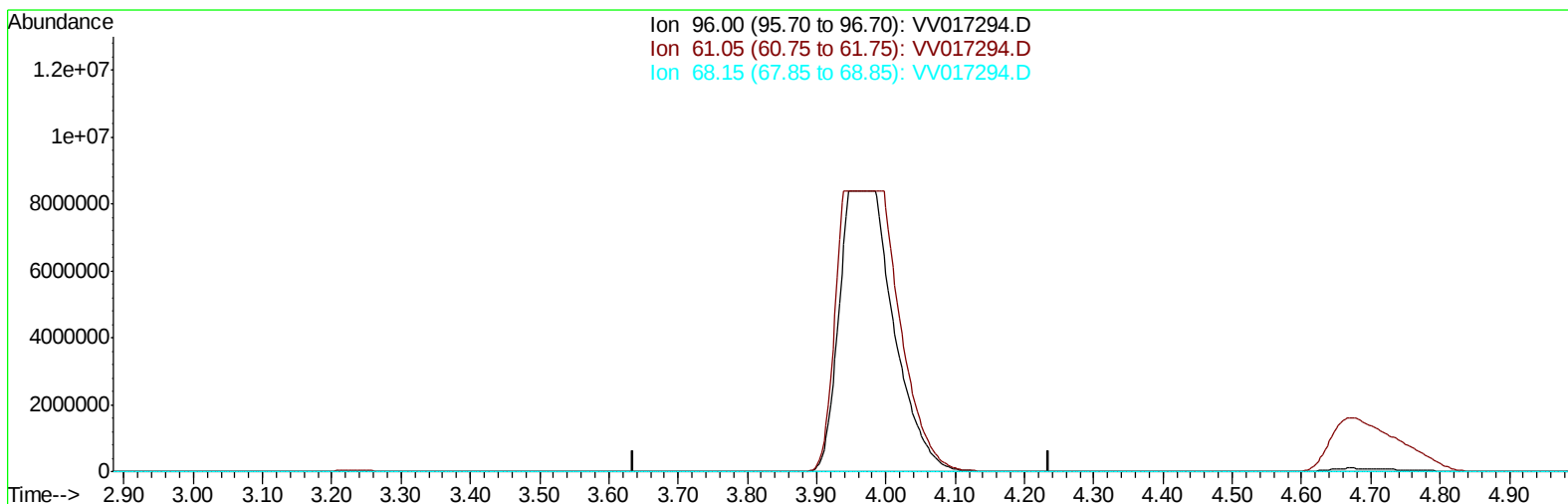
5.656min (+0.016) 5.00ug/L m

response 173331

Ion	Exp%	Act%
114.05	100	100
63.10	21.40	5.95#
88.10	16.60	3.07#
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV070120\
Data File : VV017294.D
Acq On : 01 Jul 2020 17:10
Operator : SY/MD
Sample : L3150-13
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jul 15 01:45:05 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 15 01:40:01 2020
Response via : Initial Calibration



TIC: VV017294.D

(22) cis-1,2-Dichloroethene (T)

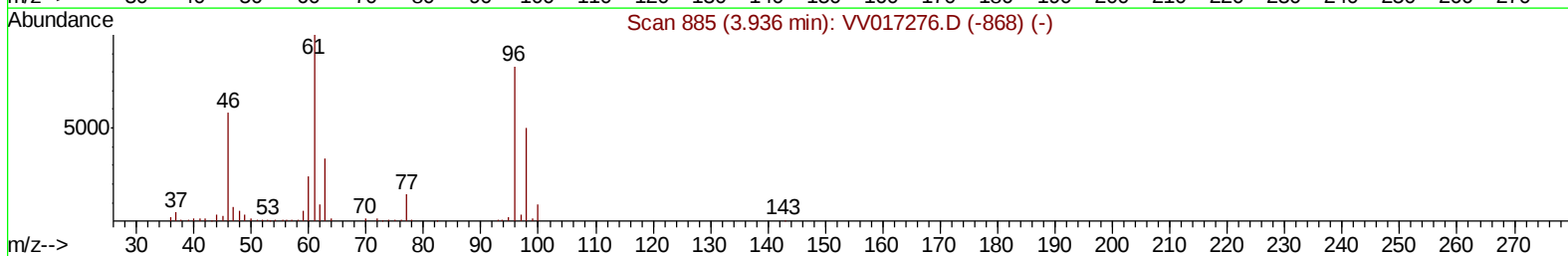
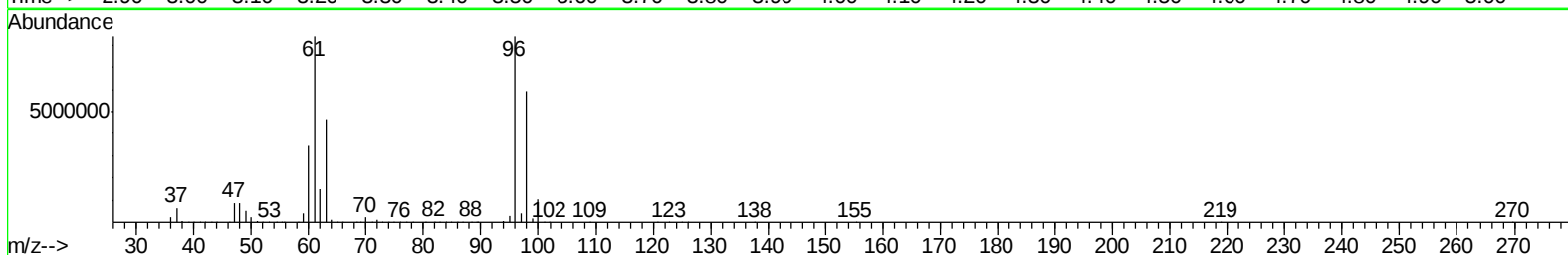
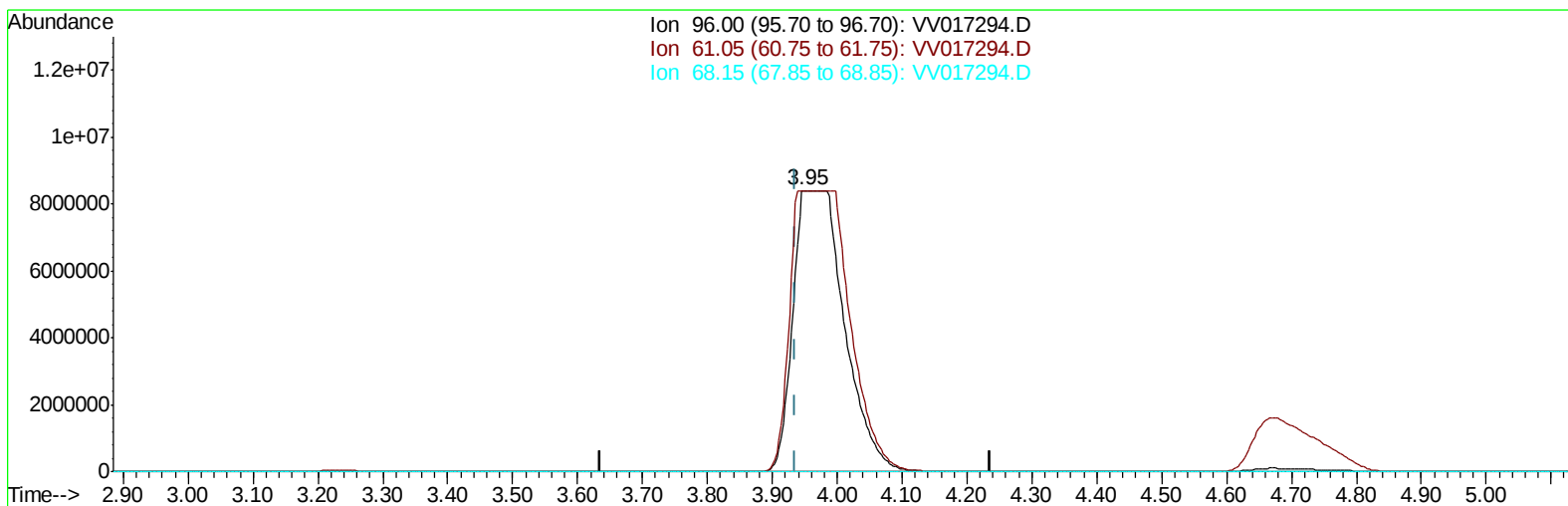
3.936min (-3.936) 0.00ug/L

response 0

Ion	Exp%	Act%
96.00	100	0.00
61.05	130.00	0.00#
68.15	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV070120\
Data File : VV017294.D
Acq On : 01 Jul 2020 17:10
Operator : SY/MD
Sample : L3150-13
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jul 15 01:45:05 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 15 01:40:01 2020
Response via : Initial Calibration



TIC: VV017294.D

(22) cis-1,2-Dichloroethene (T)

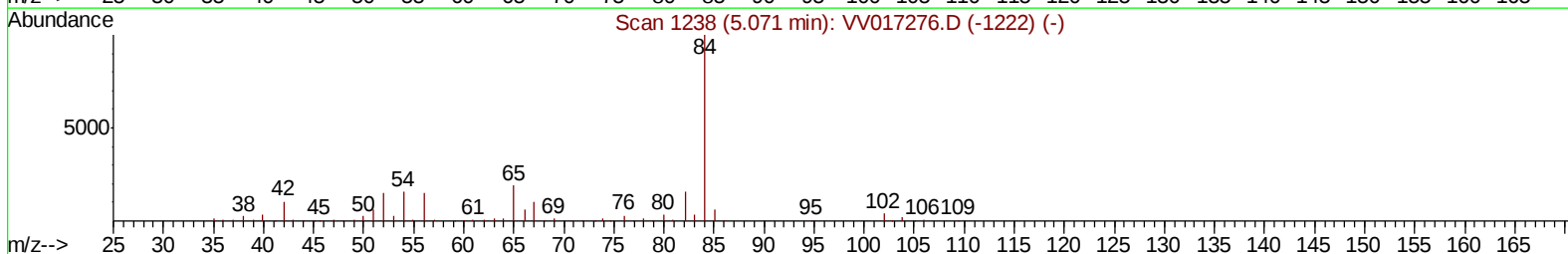
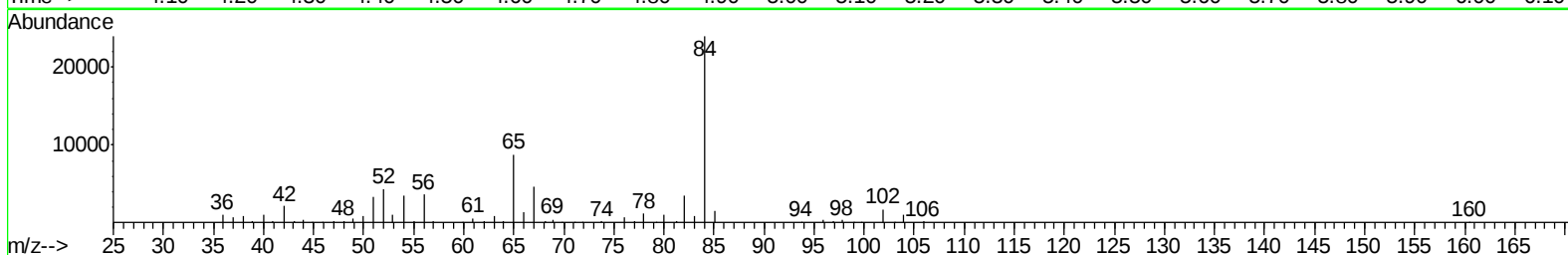
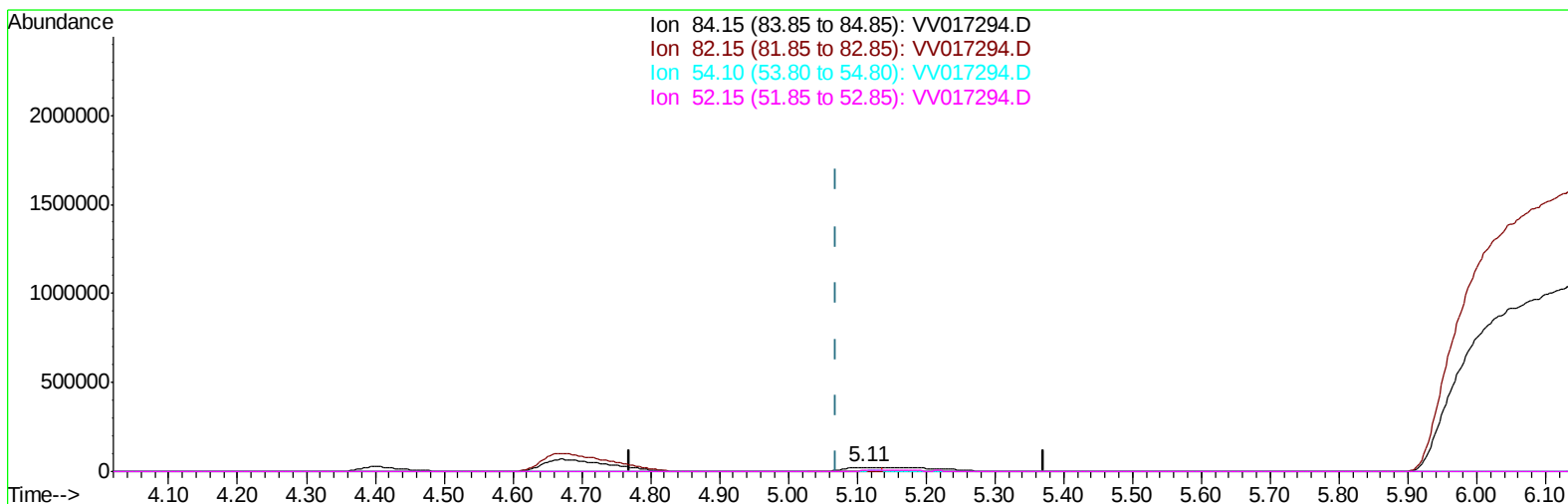
3.946min (+0.010) 3801.04ug/L m

response 45820219

Ion	Exp%	Act%
96.00	100	100
61.05	130.00	100.00
68.15	0.00	0.00#
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV070120\
Data File : VV017294.D
Acq On : 01 Jul 2020 17:10
Operator : SY/MD
Sample : L3150-13
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jul 15 01:45:05 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 15 01:40:01 2020
Response via : Initial Calibration



TIC: VV017294.D

(32) Benzene-d6 (S)

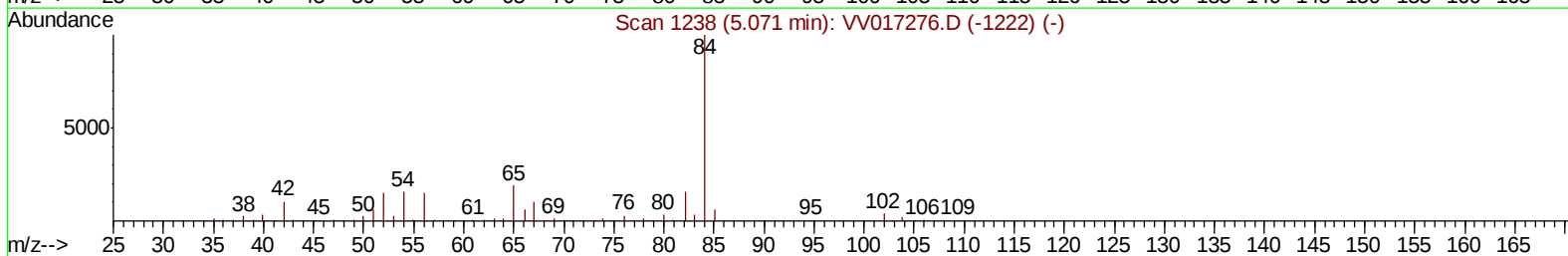
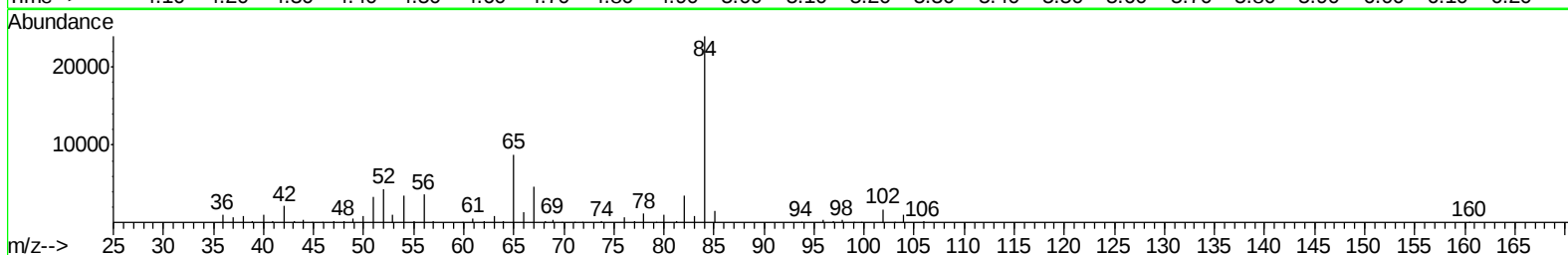
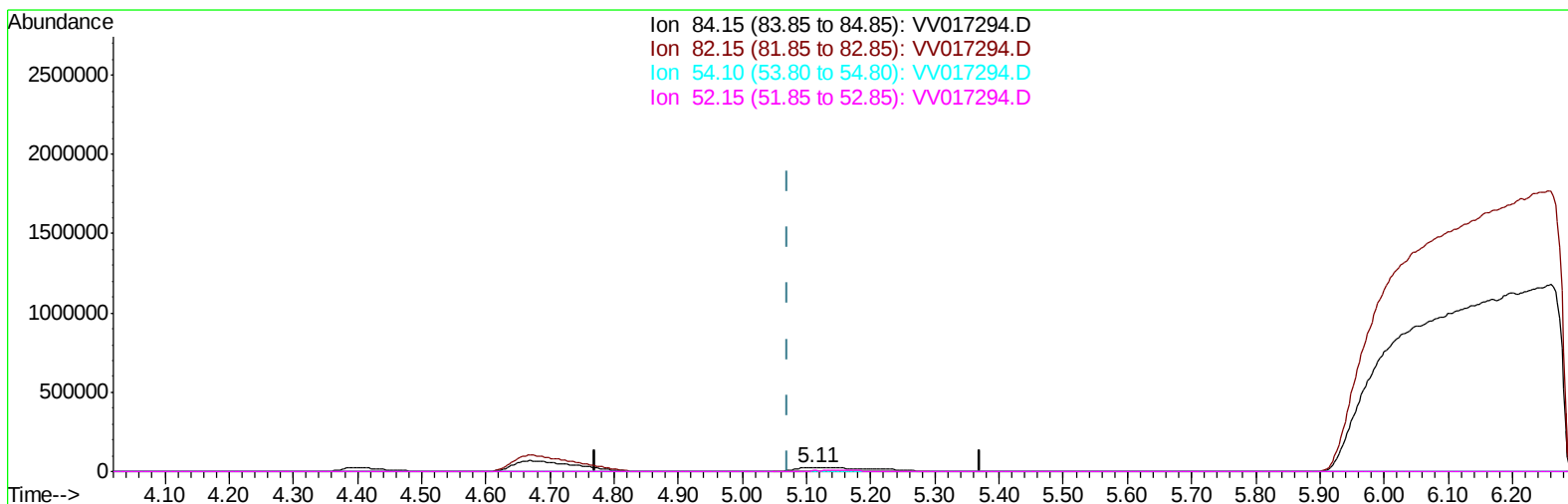
5.110min (+0.039) 1.80ug/L

response 85256

Ion	Exp%	Act%
84.15	100	100
82.15	15.30	1.22#
54.10	16.10	4.39#
52.15	15.90	13.80

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV070120\
Data File : VV017294.D
Acq On : 01 Jul 2020 17:10
Operator : SY/MD
Sample : L3150-13
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jul 15 01:45:05 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 15 01:40:01 2020
Response via : Initial Calibration



TIC: VV017294.D

(32) Benzene-d6 (S)

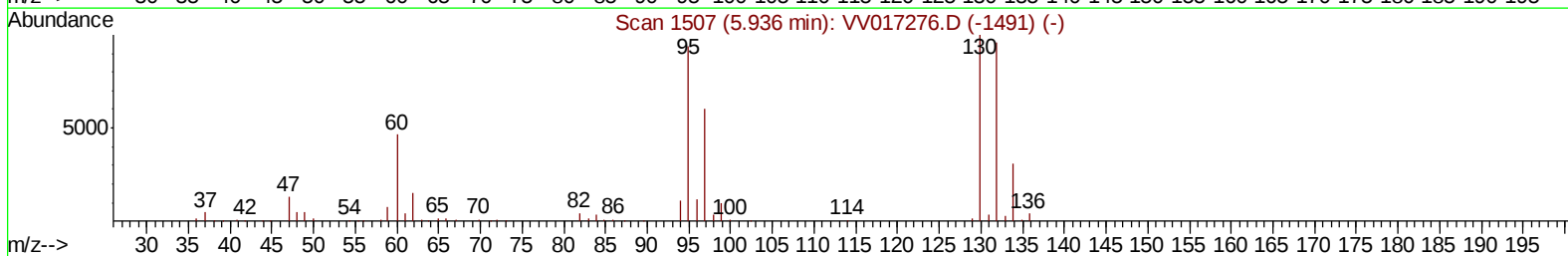
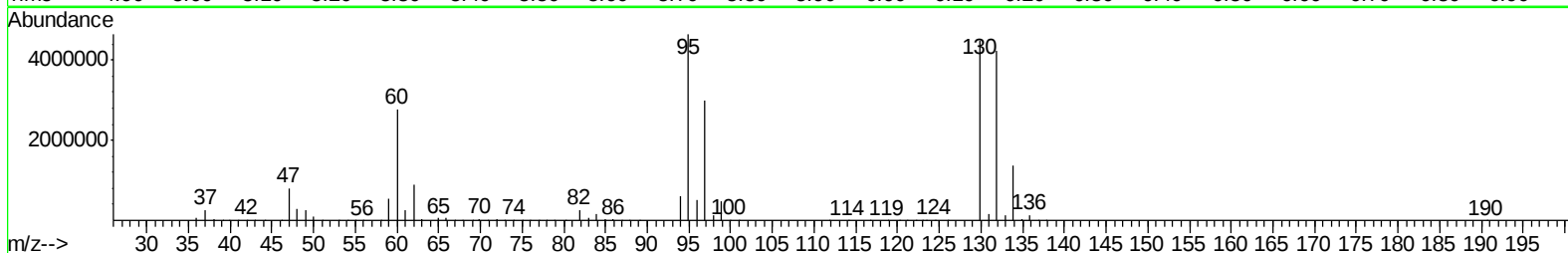
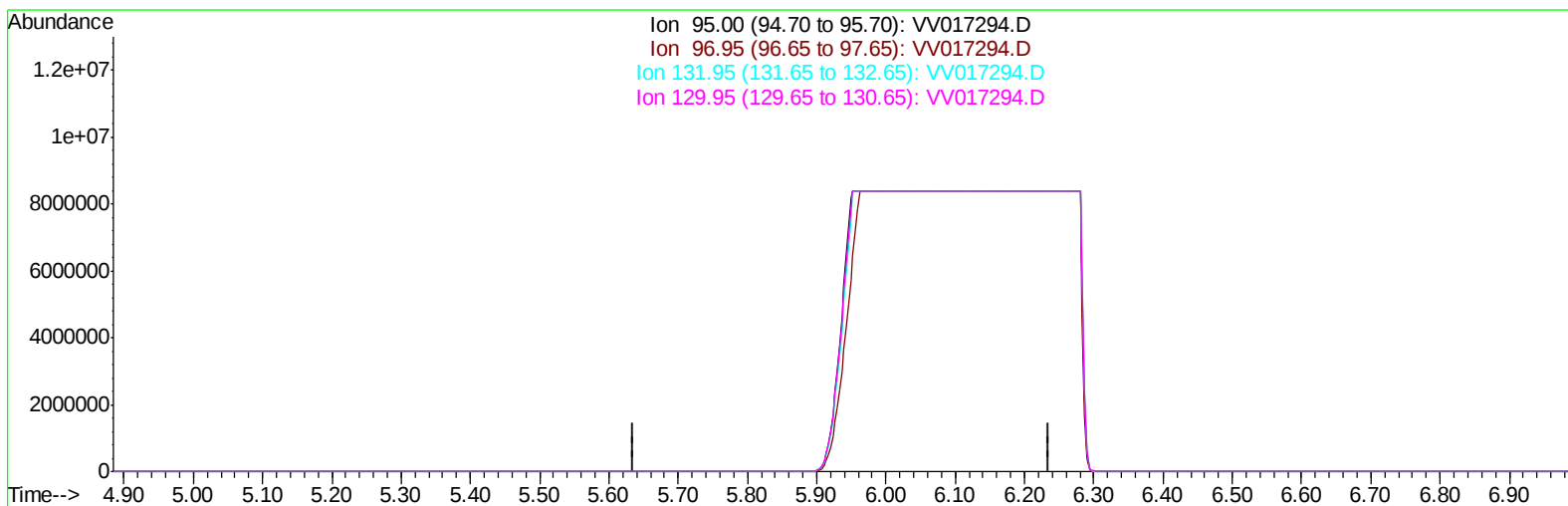
5.110min (+0.039) 4.53ug/L m

response 214881

Ion	Exp%	Act%
84.15	100	100
82.15	15.30	0.48#
54.10	16.10	1.74#
52.15	15.90	5.48#

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV070120\
Data File : VV017294.D
Acq On : 01 Jul 2020 17:10
Operator : SY/MD
Sample : L3150-13
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jul 15 01:45:05 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 15 01:40:01 2020
Response via : Initial Calibration



TIC: VV017294.D

(34) Trichloroethene (T)

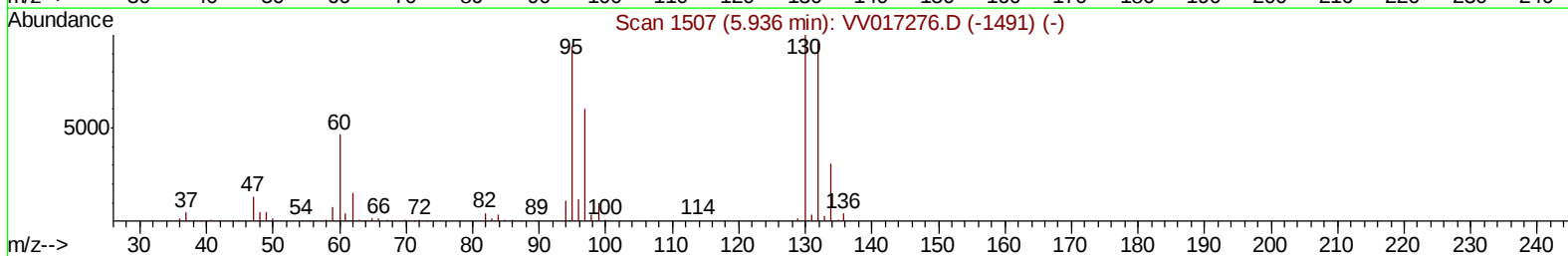
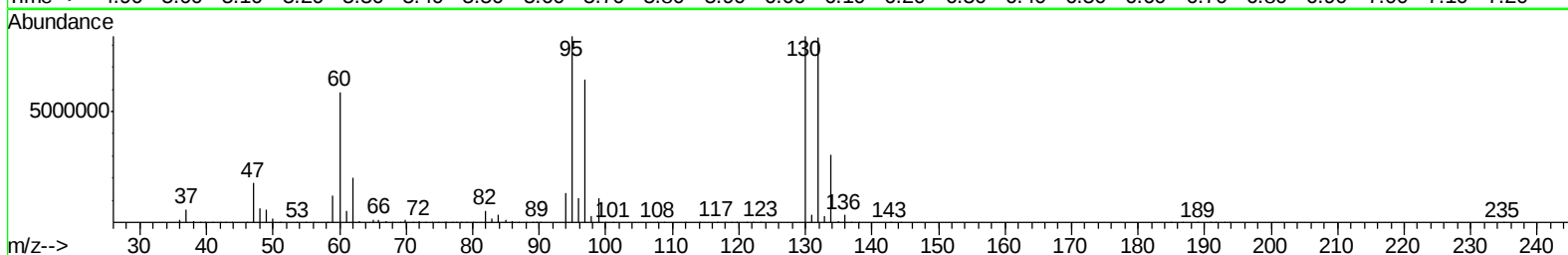
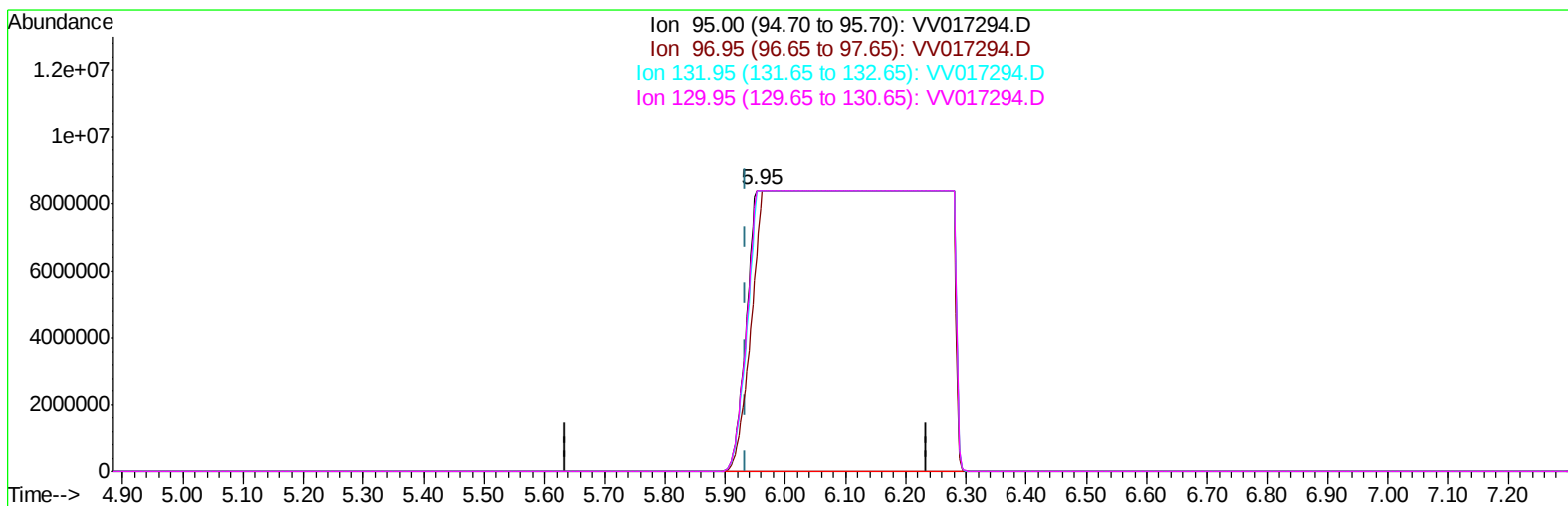
5.936min (-5.936) 0.00ug/L

response 0

Ion	Exp%	Act%
95.00	100	0.00
96.95	64.70	0.00#
131.95	98.30	0.00#
129.95	100.30	0.00#

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV070120\
Data File : VV017294.D
Acq On : 01 Jul 2020 17:10
Operator : SY/MD
Sample : L3150-13
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jul 15 01:45:05 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 15 01:40:01 2020
Response via : Initial Calibration



TIC: VV017294.D

(34) Trichloroethene (T)

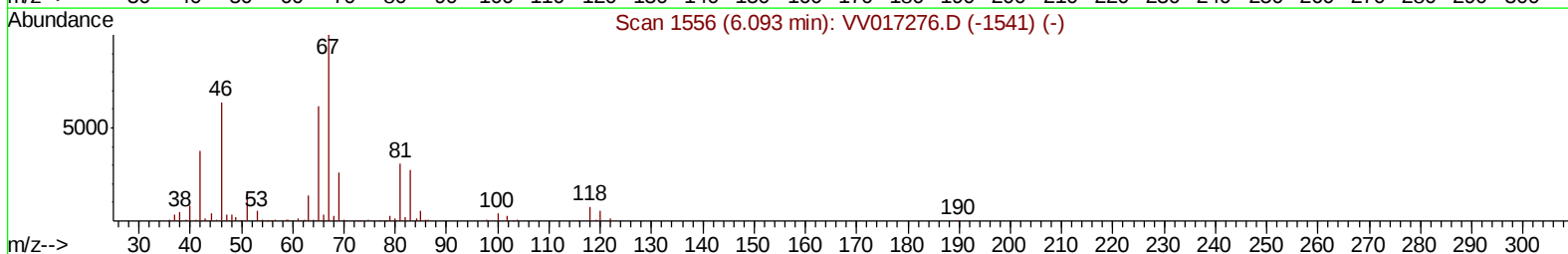
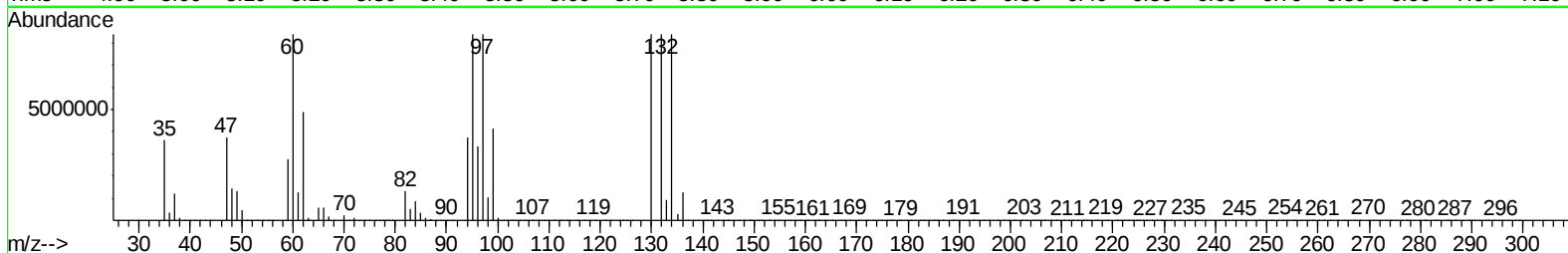
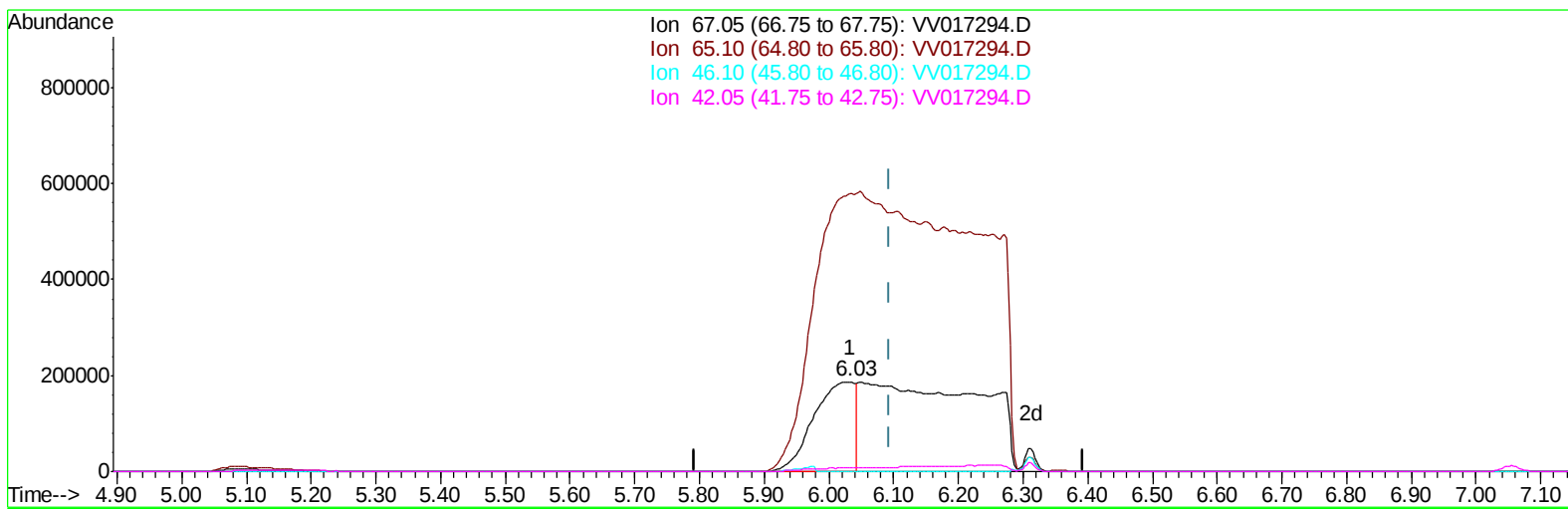
5.952min (+0.016) 12628.08ug/L m

response 177254226

Ion	Exp%	Act%
95.00	100	100
96.95	64.70	76.69
131.95	98.30	99.62
129.95	100.30	100.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV070120\
 Data File : VV017294.D
 Acq On : 01 Jul 2020 17:10
 Operator : SY/MD
 Sample : L3150-13
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jul 15 01:45:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 15 01:40:01 2020
 Response via : Initial Calibration



TIC: VV017294.D

(36) 1,2-Dichloropropane-d6 (S)

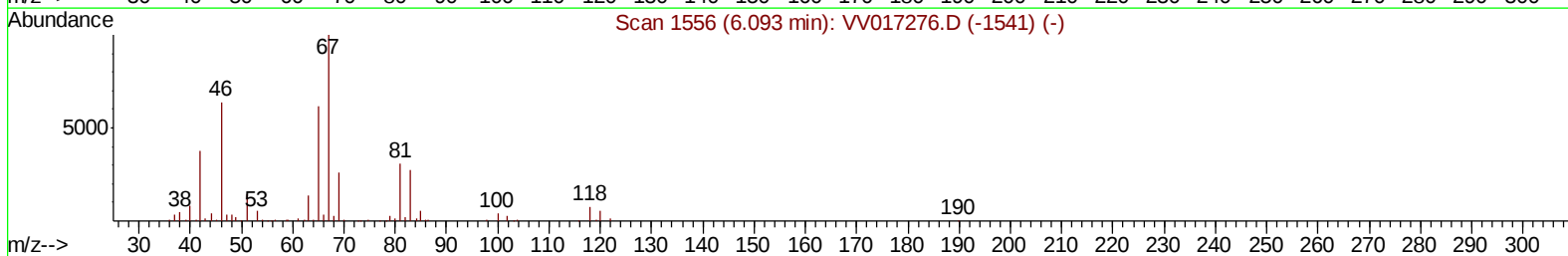
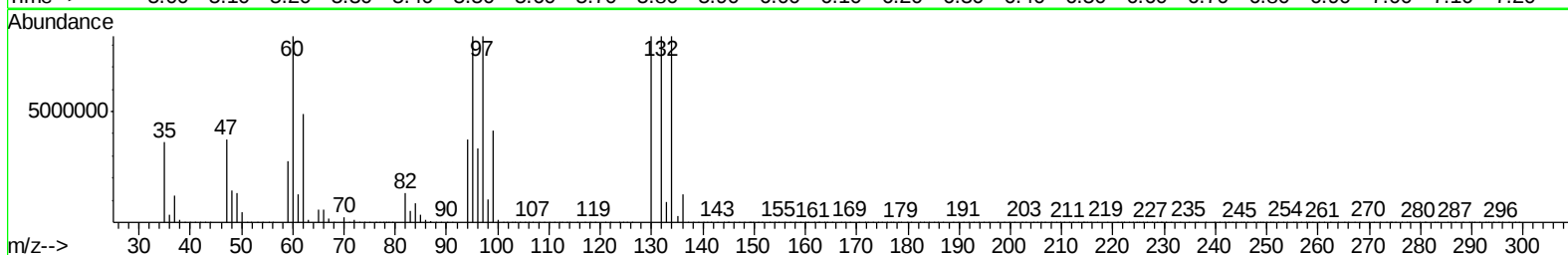
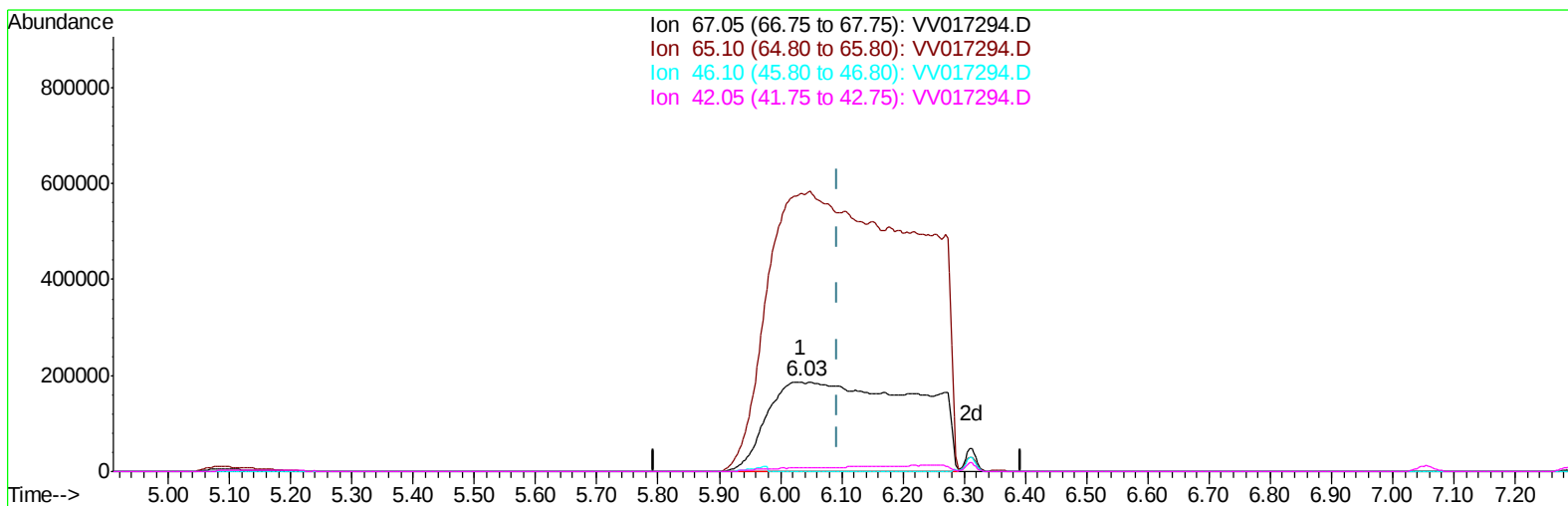
6.032min (-0.061) 58.25ug/L

response 828147

Ion	Exp%	Act%
67.05	100	100
65.10	63.40	525.17#
46.10	57.30	0.00#
42.05	35.30	0.13#

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV070120\
 Data File : VV017294.D
 Acq On : 01 Jul 2020 17:10
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 Sample : L3150-13
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jul 15 01:45:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
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TIC: VV017294.D

(36) 1,2-Dichloropropane-d6 (S)

6.032min (-0.061) 225.53ug/L m

response 3206532

Ion	Exp%	Act%
67.05	100	100
65.10	63.40	135.63#
46.10	57.30	0.00#
42.05	35.30	0.03#

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV070120\
 Data File : VV017294.D
 Acq On : 01 Jul 2020 17:10
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Quant Time: Jul 15 01:49:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 15 01:40:01 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	173331m	5.00	ug/L	0.02
28) Chlorobenzene-d5	8.89	117	183046	5.00	ug/L	0.02
61) 1,4-Dichlorobenzene-d4	11.28	152	90374	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	46551	4.47	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.40%
7) Chloroethane-d5	1.58	69	39016	5.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.20%
11) 1,1-Dichloroethene-d2	2.14	63	756586	38.21	ug/L	0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	764.20%#
20) 2-Butanone-d5	3.97	46	122762	46.30	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.60%
24) Chloroform-d	4.40	84	116853	5.25	ug/L	0.03
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.00%
26) 1,2-Dichloroethane-d4	5.08	65	67762	5.74	ug/L	0.03
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.80%
32) Benzene-d6	5.11	84	214881m	4.53	ug/L	0.04
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
36) 1,2-Dichloropropane-d6	6.03	67	3206532m	225.53	ug/L	-0.06
Spiked Amount	5.000	Range	60 - 140	Recovery	=	4510.60%#
41) Toluene-d8	7.38	98	216956	4.87	ug/L	0.05
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
45) trans-1,3-Dichloropropene-	7.68	79	31248	5.28	ug/L	0.03
Spiked Amount	5.000	Range	55 - 130	Recovery	=	105.60%
48) 2-Hexanone-d5	8.13	63	123406	54.70	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.40%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	52497	5.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	86199	5.16	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.20%

Target Compounds

					Ovalue
5) Vinyl chloride	1.32	62	365229	32.111	ug/L 98
9) Trichlorofluoromethane	1.77	101	6460	0.351	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	383262	41.749	ug/L 98
12) 1,1-Dichloroethene	2.14	96	1175752	141.338	ug/L # 65
13) Acetone	2.22	43	11520	8.595	ug/L 67
16) Methylene chloride	2.53	84	85111	9.554	ug/L 99
18) trans-1,2-Dichloroethene	2.79	96	314315	35.656	ug/L 97
19) 1,1-Dichloroethane	3.23	63	1756945	88.705	ug/L 98
22) cis-1,2-Dichloroethene	3.95	96	45820219m	3801.039	ug/L
25) Chloroform	4.42	83	33872	1.566	ug/L 92
29) 1,1,1-Trichloroethane	4.67	97	25234455	1150.672	ug/L 98
33) Benzene	5.15	78	28454	0.594	ug/L 100
34) Trichloroethene	5.95	95	177254226m	12628.079	ug/L
39) cis-1,3-Dichloropropene	7.05	75	2569	0.146	ug/L # 75
40) 4-Methyl-2-pentanone	7.29	43	204282	29.816	ug/L 98
42) Toluene	7.45	91	3372043	60.505	ug/L 98
47) 1,1,2-Trichloroethane	7.89	97	172119	20.450	ug/L 97

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 15 01:40:01 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Tetrachloroethene	8.03	164	2144815	189.840	ug/L	99
53) Chlorobenzene	8.92	112	88012	2.533	ug/L	96
54) Ethylbenzene	9.05	91	143479	2.412	ug/L	98
55) m,p-xylene	9.17	106	118976	5.099	ug/L	99
56) o-xylene	9.58	106	48916	2.247	ug/L	99
58) Isopropylbenzene	9.96	105	6500	0.108	ug/L #	93

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

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