

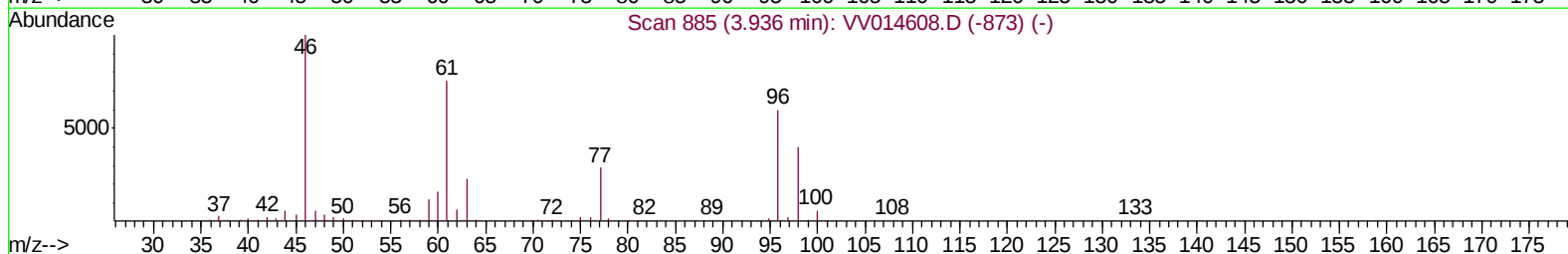
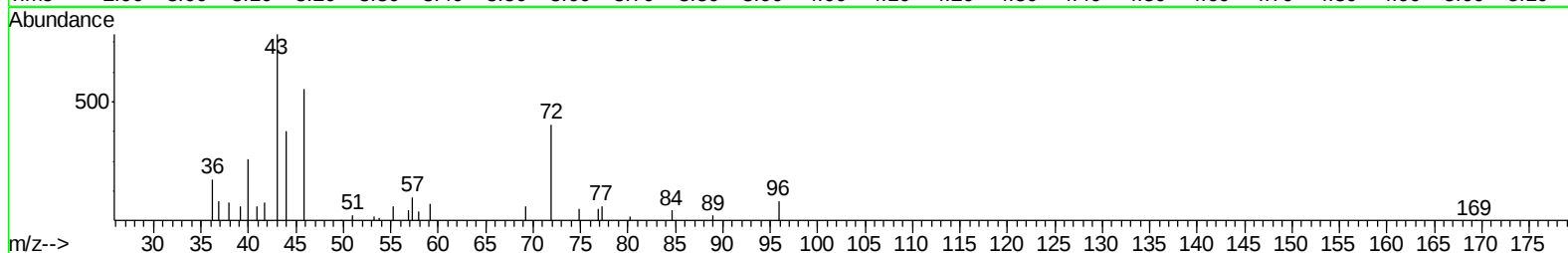
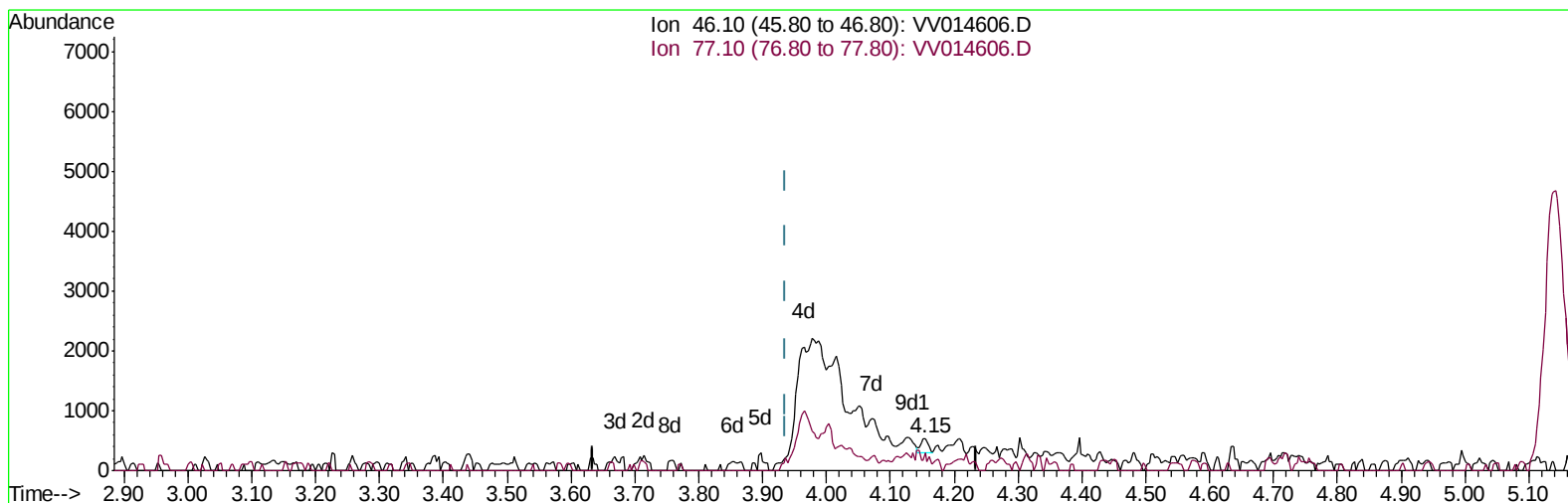
Data File : VV014606.D
Acq On : 19 Feb 2020 14:55
Operator : SY/MD
Sample : VSTD0.531
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5701

Manual Integrations
APPROVED

apatel
2/25/2020 10:06:21 AM

Quant Time: Feb 20 01:53:03 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVTR021920WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Feb 20 01:51:06 2020
Response via : Initial Calibration



TIC: VV014606.D

(20) 2-Butanone-d5 (S)
4.154min (+0.219) 0.04ug/L

response 189

Ion	Exp%	Act%
46.10	100	100
77.10	31.00	40.21
0.00	0.00	0.00
0.00	0.00	0.00

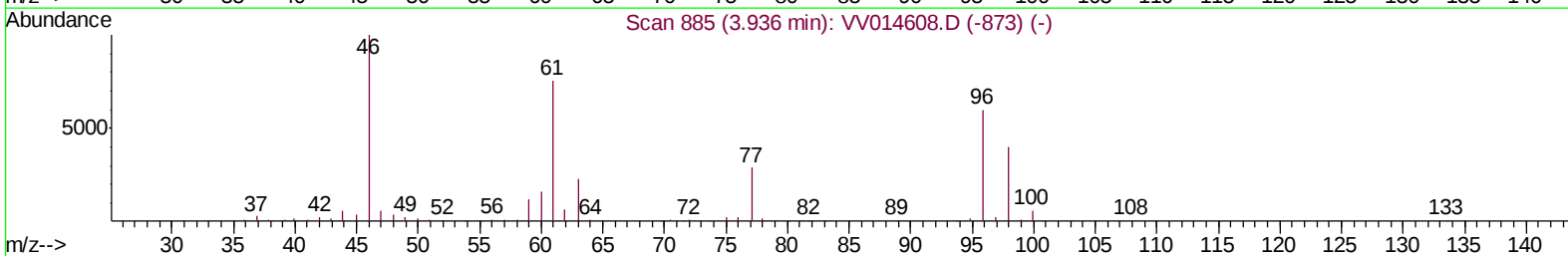
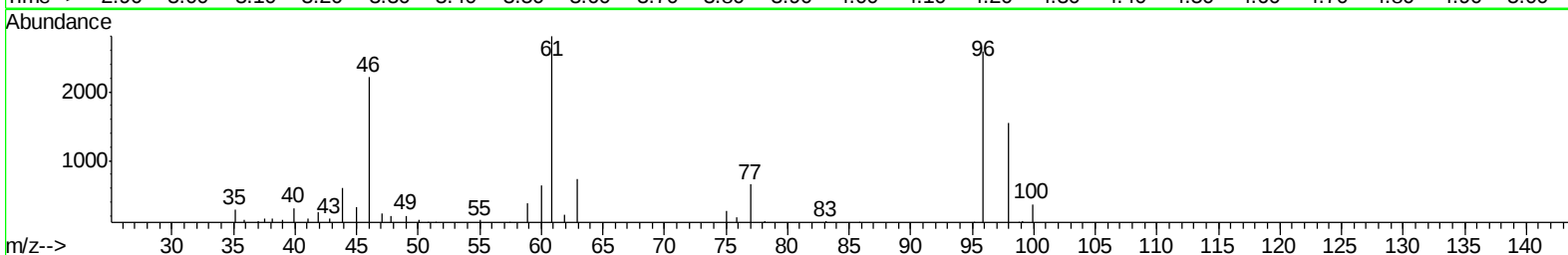
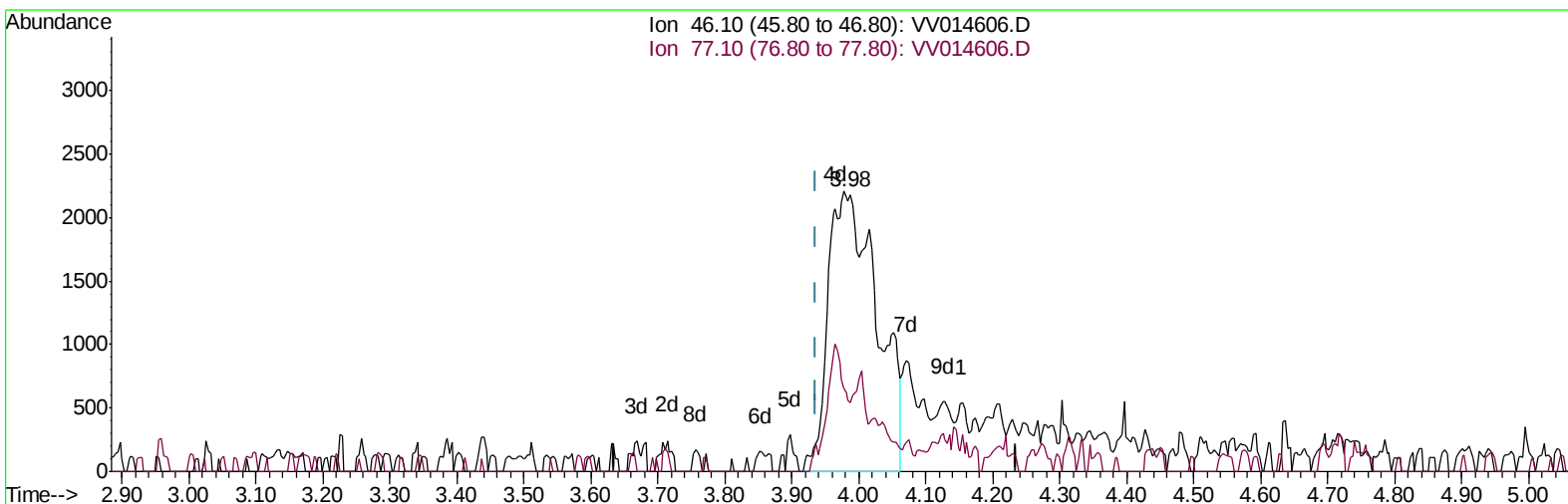
Data File : VV014606.D
Acq On : 19 Feb 2020 14:55
Operator : SY/MD
Sample : VSTD0.531
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5701

Manual Integrations
APPROVED

apatel
2/25/2020 10:06:21 AM

Quant Time: Feb 20 01:53:03 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVTR021920WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Feb 20 01:51:06 2020
Response via : Initial Calibration



TIC: VV014606.D

(20) 2-Butanone-d5 (S)

3.978min (+0.042) 2.32ug/L m

response 11169

Ion	Exp%	Act%
46.10	100	100
77.10	31.00	0.68#
0.00	0.00	0.00
0.00	0.00	0.00

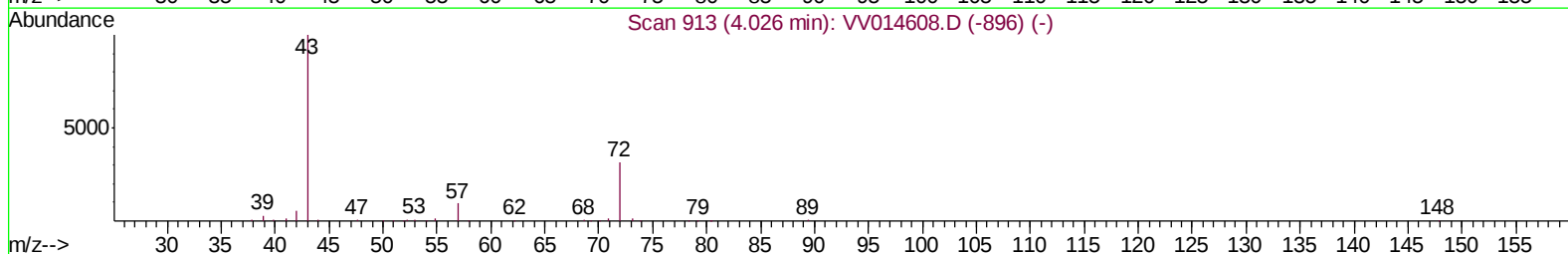
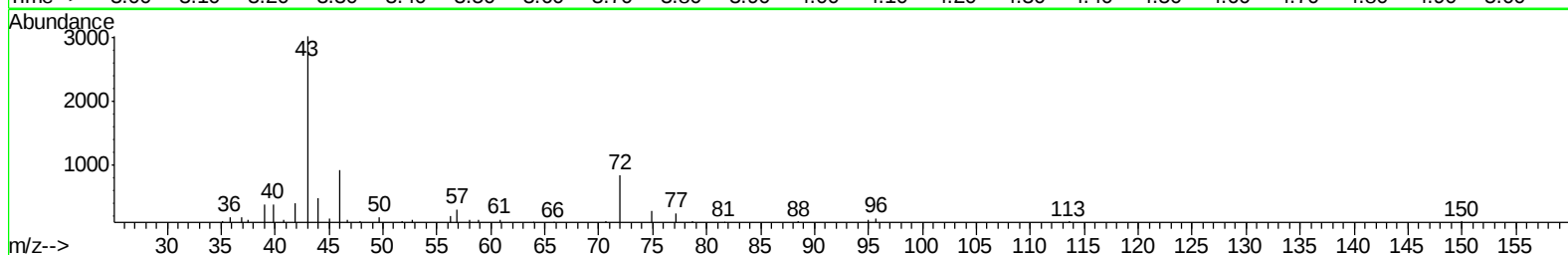
Data File : VV014606.D
Acq On : 19 Feb 2020 14:55
Operator : SY/MD
Sample : VSTD0.531
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5701

Manual Integrations
APPROVED

apatel
2/25/2020 10:06:21 AM

Quant Time: Feb 20 01:53:03 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVTR021920WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Feb 20 01:51:06 2020
Response via : Initial Calibration



TIC: VV014606.D

(21) 2-Butanone (T)
4.048min (+0.023) 2.04ug/L
response 10368

Ion	Exp%	Act%
43.05	100	100
72.10	23.00	8.05#
0.00	0.00	0.00
0.00	0.00	0.00

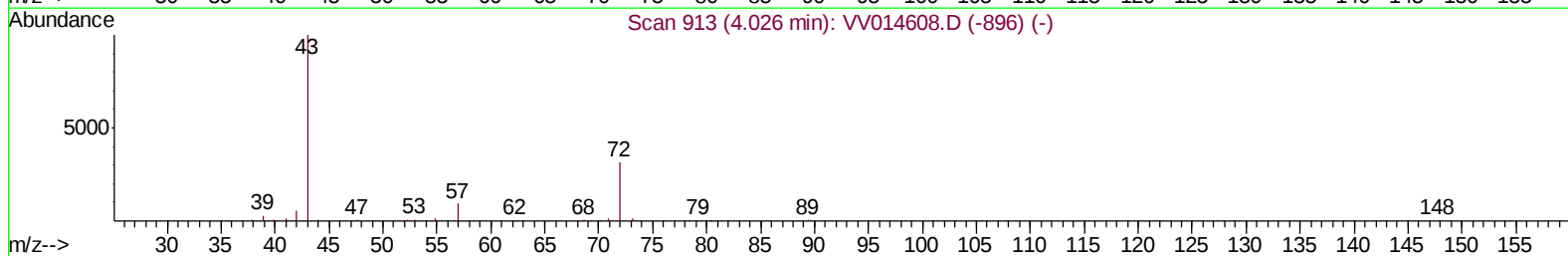
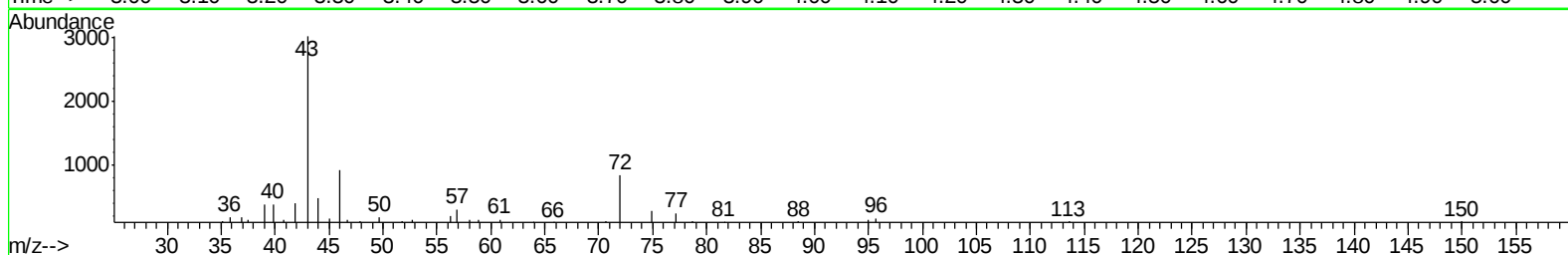
Data File : VV014606.D
Acq On : 19 Feb 2020 14:55
Operator : SY/MD
Sample : VSTD0.531
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5701

Manual Integrations
APPROVED

apatel
2/25/2020 10:06:21 AM

Quant Time: Feb 20 01:53:03 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVTR021920WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Feb 20 01:51:06 2020
Response via : Initial Calibration



TIC: VV014606.D

(21) 2-Butanone (T)
4.048min (+0.023) 2.38ug/L m
response 12083

Ion	Exp%	Act%
43.05	100	100
72.10	23.00	6.91#
0.00	0.00	0.00
0.00	0.00	0.00

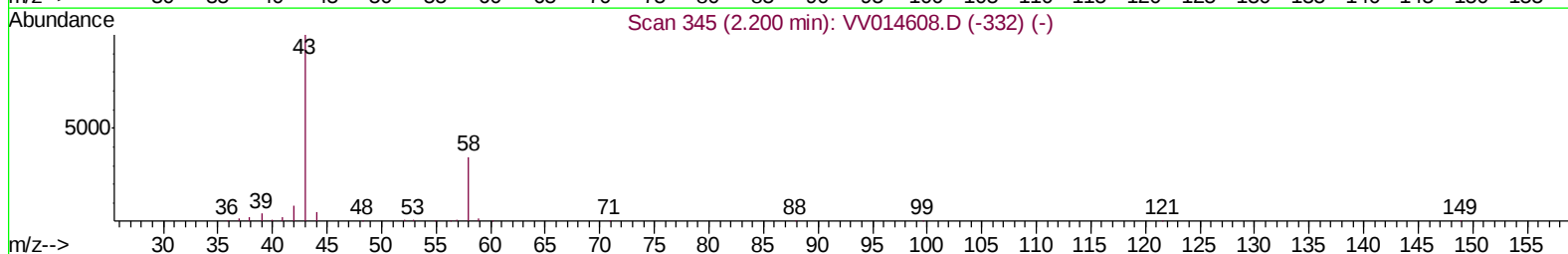
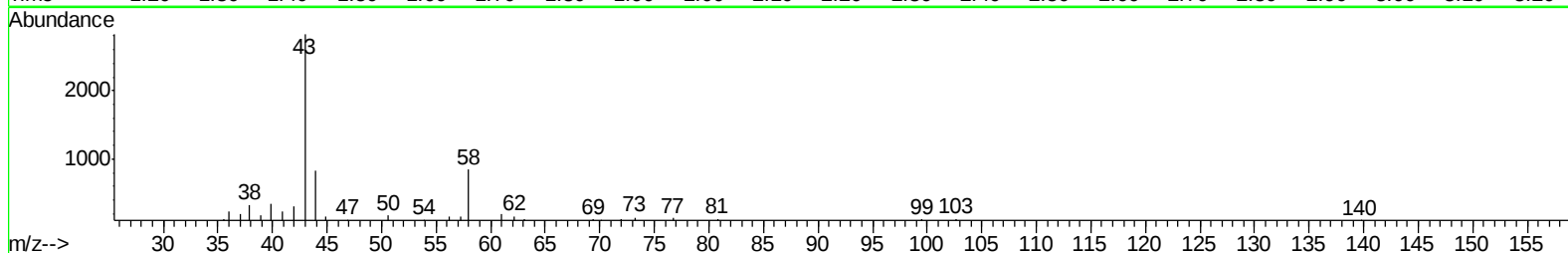
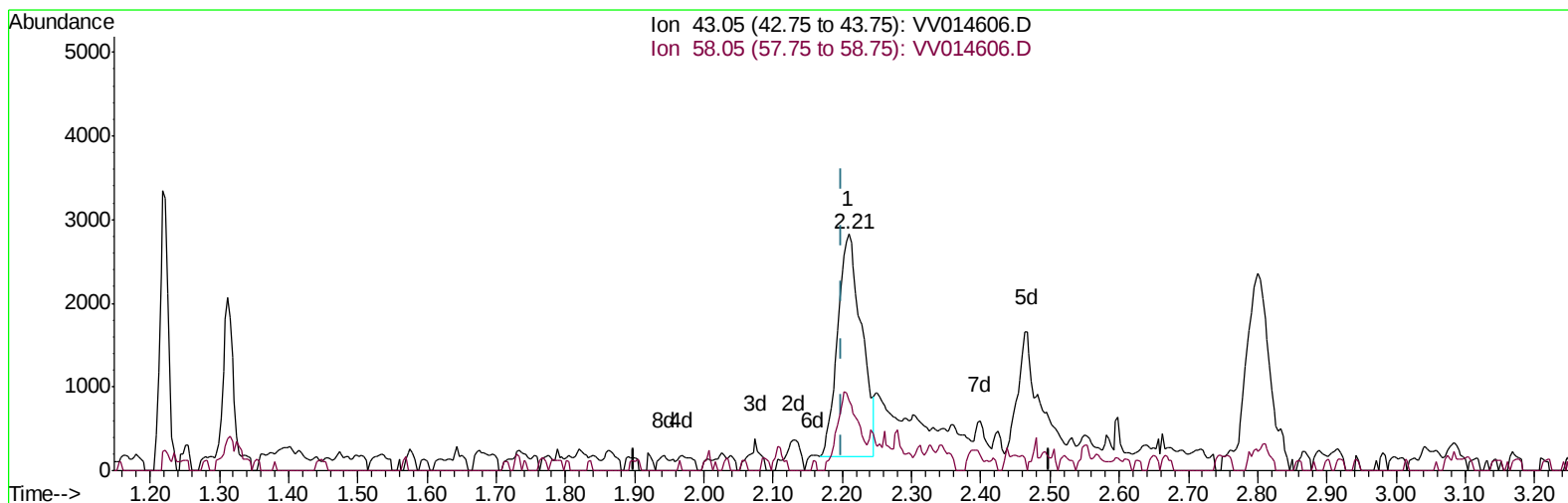
Data File : VV014606.D
Acq On : 19 Feb 2020 14:55
Operator : SY/MD
Sample : VSTD0.531
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5701

Manual Integrations
APPROVED

apatel
2/25/2020 10:06:21 AM

Quant Time: Feb 20 01:57:17 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVTR021920WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Feb 20 01:51:06 2020
Response via : Initial Calibration



TIC: VV014606.D

(13) Acetone (T)

2.209min (+0.010) 1.96ug/L

response 6336

Ion	Exp%	Act%
43.05	100	100
58.05	30.90	31.20
0.00	0.00	0.00
0.00	0.00	0.00

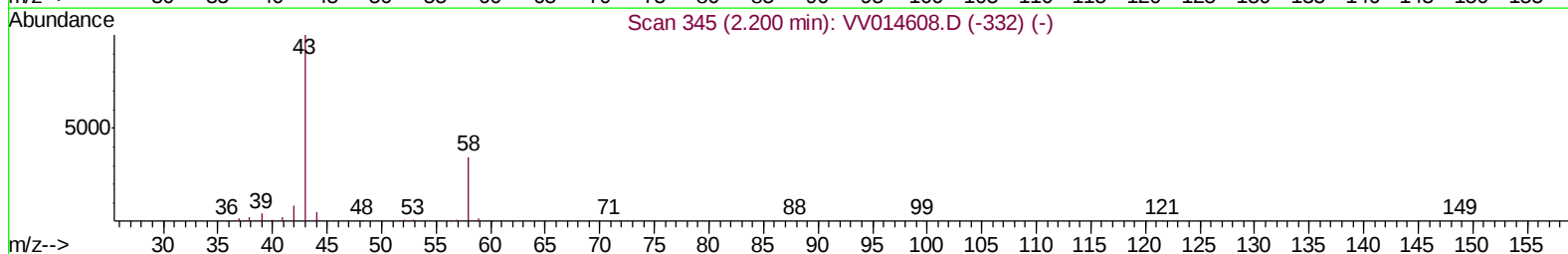
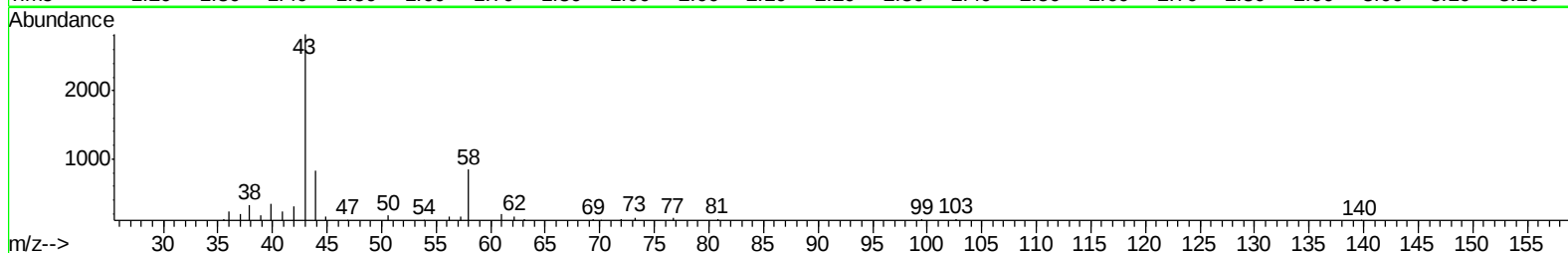
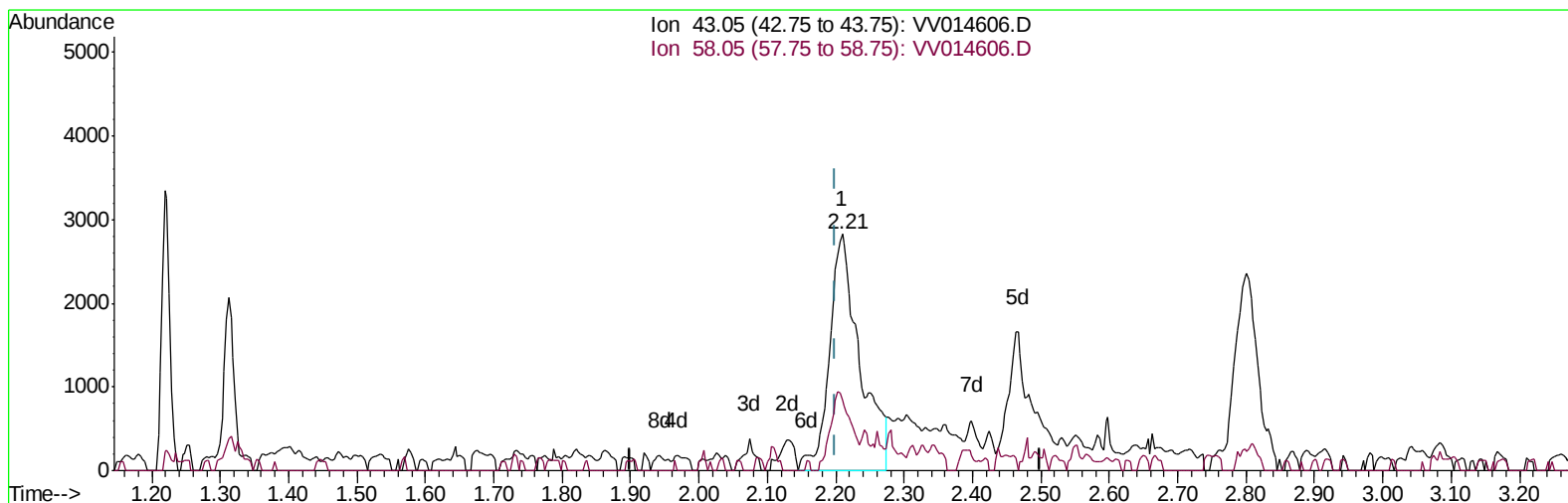
Data File : VV014606.D
Acq On : 19 Feb 2020 14:55
Operator : SY/MD
Sample : VSTD0.531
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5701

Manual Integrations
APPROVED

apatel
2/25/2020 10:06:21 AM

Quant Time: Feb 20 01:57:17 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVTR021920WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Feb 20 01:51:06 2020
Response via : Initial Calibration



TIC: VV014606.D

(13) Acetone (T)

2.209min (+0.010) 2.70ug/L m

response 8734

Ion	Exp%	Act%
43.05	100	100
58.05	30.90	22.64
0.00	0.00	0.00
0.00	0.00	0.00

Data File : VV014606.D
Acq On : 19 Feb 2020 14:55
Operator : SY/MD
Sample : VSTD0.531
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5701

Manual Integrations
APPROVED

apatel
2/25/2020 10:06:21 AM

Quant Time: Feb 20 01:58:07 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVTR021920WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Feb 20 01:51:06 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	348695	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	315951	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	152950	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	6467	0.32	ug/L	0.00
7) Chloroethane-d5	1.58	69	5145	0.32	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	11705	0.37	ug/L	0.00
20) 2-Butanone-d5	3.98	46	11169m	2.32	ug/L	0.04
24) Chloroform-d	4.39	84	13373	0.31	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	9486	0.44	ug/L	0.00
32) Benzene-d6	5.09	84	38730	0.42	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.11	67	11379	0.41	ug/L	0.00
41) Toluene-d8	7.35	98	37397	0.45	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	4282	0.37	ug/L	0.00
46) 2-Hexanone-d5	8.15	63	15050	3.48	ug/L	0.02
56) 1,1,2,2-Tetrachloroethane-	10.25	84	8254	0.43	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.67	152	13554	0.49	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.13	85	17489	0.613 ug/L	98
3) Chloromethane	1.25	50	7778	0.325 ug/L	96
5) Vinyl chloride	1.32	62	7270	0.324 ug/L	93
6) Bromomethane	1.53	94	4481	0.355 ug/L	95
8) Chloroethane	1.60	64	4512	0.387 ug/L	98
9) Trichlorofluoromethane	1.77	101	15681	0.529 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	6656	0.435 ug/L	93
12) 1,1-Dichloroethene	2.13	96	6267	0.442 ug/L	94
13) Acetone	2.21	43	8734m	2.699 ug/L	
14) Carbon disulfide	2.31	76	33003	0.466 ug/L	97
15) Methyl Acetate	2.47	43	3038	0.433 ug/L	100
16) Methylene chloride	2.53	84	14958	0.512 ug/L	96
17) Methyl tert-butyl Ether	2.80	73	25024	0.488 ug/L #	95
18) trans-1,2-Dichloroethene	2.78	96	12740	0.542 ug/L	99
19) 1,1-Dichloroethane	3.22	63	19994	0.467 ug/L	98
21) 2-Butanone	4.05	43	12083m	2.378 ug/L	
22) cis-1,2-Dichloroethene	3.95	96	13302	0.536 ug/L	90
23) Bromochloromethane	4.29	128	5221	0.545 ug/L	96
25) Chloroform	4.41	83	30646	0.686 ug/L	92
27) 1,2-Dichloroethane	5.17	62	10775	0.449 ug/L #	87
29) 1,1,1-Trichloroethane	4.65	97	20104	0.546 ug/L	97
30) Cyclohexane	4.72	56	18870	0.440 ug/L	98
31) Carbon tetrachloride	4.87	117	16639	0.520 ug/L	99
33) Benzene	5.14	78	44811	0.476 ug/L	100
34) Trichloroethene	5.96	95	12947	0.524 ug/L	89
35) Methylcyclohexane	6.17	83	22052	0.510 ug/L	98
37) 1,2-Dichloropropane	6.22	63	11283	0.500 ug/L #	95
38) Bromodichloromethane	6.55	83	14717	0.502 ug/L	98
39) cis-1,3-Dichloropropene	7.06	75	14834	0.412 ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	47291	3.598 ug/L	97

Data File : VV014606.D
Acq On : 19 Feb 2020 14:55
Operator : SY/MD
Sample : VSTD0.531
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5701

Manual Integrations
APPROVED

apatel
2/25/2020 10:06:21 AM

Quant Time: Feb 20 01:58:07 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVTR021920WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Feb 20 01:51:06 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.42	91	48306	0.478	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	12593	0.453	ug/L	99
45) 1,1,2-Trichloroethane	7.87	97	7681	0.518	ug/L	95
47) Tetrachloroethene	8.01	164	9745	0.555	ug/L	87
48) 2-Hexanone	8.19	43	31745	3.525	ug/L	94
49) Dibromochloromethane	8.28	129	9632	0.520	ug/L	90
50) 1,2-Dibromoethane	8.39	107	6863	0.498	ug/L	94
51) Chlorobenzene	8.92	112	32341	0.518	ug/L	96
52) Ethylbenzene	9.05	91	54712	0.482	ug/L	98
53) m,p-xylene	9.18	106	20896	0.494	ug/L	99
54) o-xylene	9.58	106	19831	0.485	ug/L	99
55) Styrene	9.60	104	31637	0.467	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.28	83	8491	0.472	ug/L	99
59) Bromoform	9.77	173	4661	0.495	ug/L #	99
60) Isopropylbenzene	9.97	105	53195	0.476	ug/L	98
61) 1,2,3-Trichloropropane	10.31	75	6137	0.460	ug/L	98
62) 1,3,5-Trimethylbenzene	10.58	105	43061	0.458	ug/L	100
63) 1,2,4-Trimethylbenzene	10.95	105	42164	0.451	ug/L	99
64) 1,3-Dichlorobenzene	11.22	146	26581	0.562	ug/L	99
65) 1,4-Dichlorobenzene	11.31	146	25418	0.529	ug/L	99
67) 1,2-Dichlorobenzene	11.68	146	22289	0.527	ug/L	97
68) 1,2-Dibromo-3-chloropropan	12.48	75	1564	0.465	ug/L #	78
69) 1,3,5-Trichlorobenzene	12.69	180	18769	0.539	ug/L	99
70) 1,2,4-trichlorobenzene	13.31	180	14636	0.498	ug/L	93
71) Naphthalene	13.55	128	23491	0.440	ug/L	98
72) 1,2,3-Trichlorobenzene	13.79	180	12837	0.505	ug/L	93

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

Data File : VV014606.D

```
Acq On       : 19 Feb 2020   14:55
Operator     : SY/MD
Sample       : VSTD0.531
Misc         : 25.0mL/MSV0A_V/WATER
ALS Vial     : 3      Sample Multiplier: 1
```

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5701

Manual Integrations
APPROVED

apatel
2/25/2020 10:06:21 AM

Quant Time: Feb 20 01:58:07 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSV0A_V\METHOD\SFAMVTR021920WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Feb 20 01:51:06 2020
Response via : Initial Calibration

