

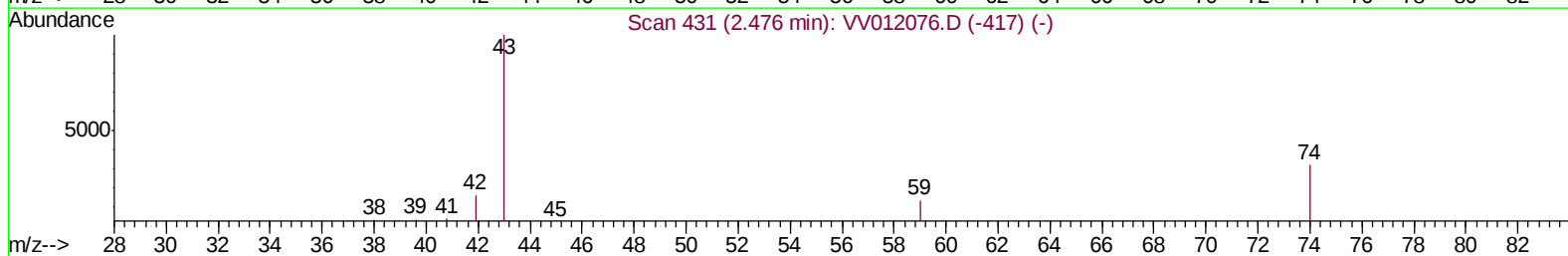
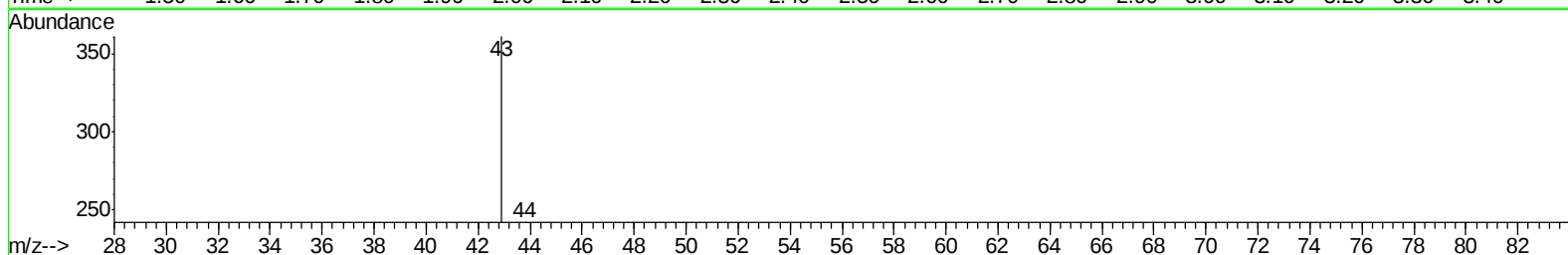
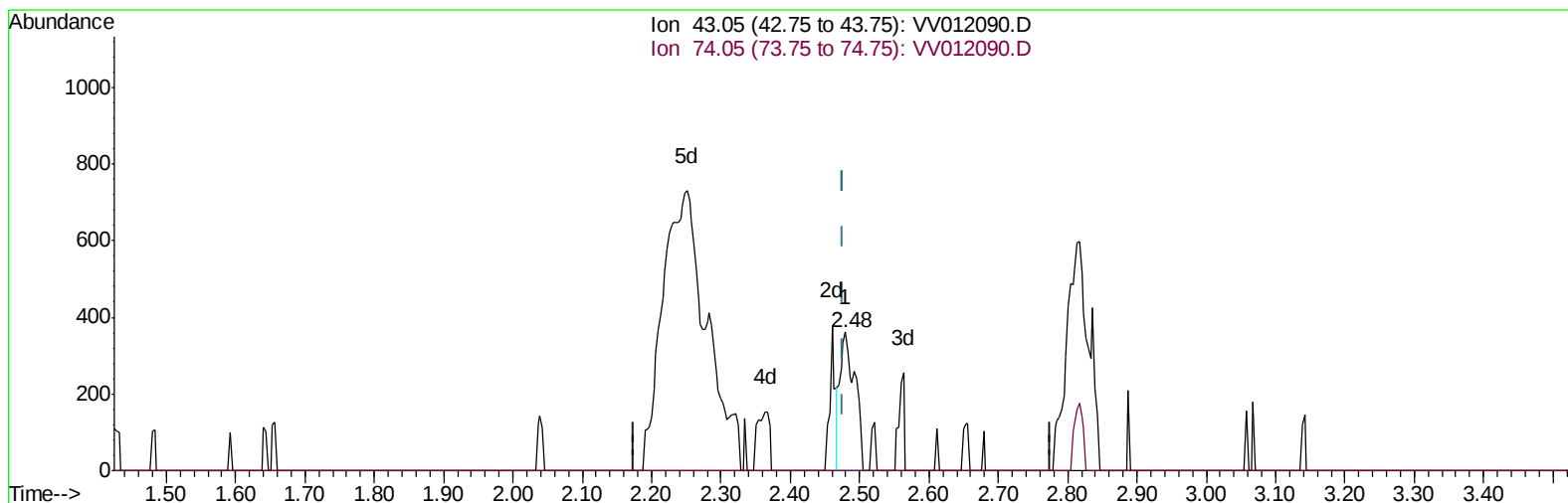
Data File : VV012090.D
Acq On : 31 Jul 2019 00:23
Operator : SY/MD
Sample : MDL07
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MDL07

Manual Integrations
APPROVED

MMdadoda
8/1/2019 9:58:43 AM

Quant Time: Jul 31 05:40:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR073119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 31 05:31:06 2019
Response via : Initial Calibration



TIC: VV012090.D

(15) Methyl Acetate (T)

2.479min (+0.003) 0.31ug/L

response 533

Ion	Exp%	Act%
43.05	100	100
74.05	29.20	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

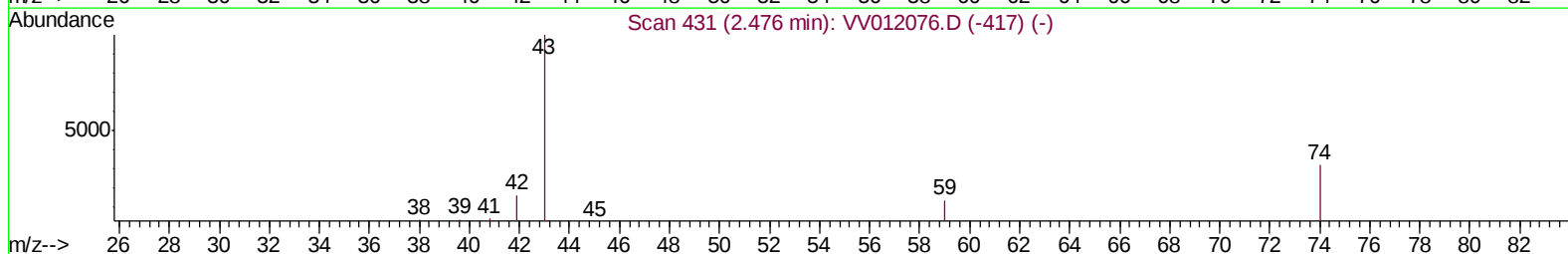
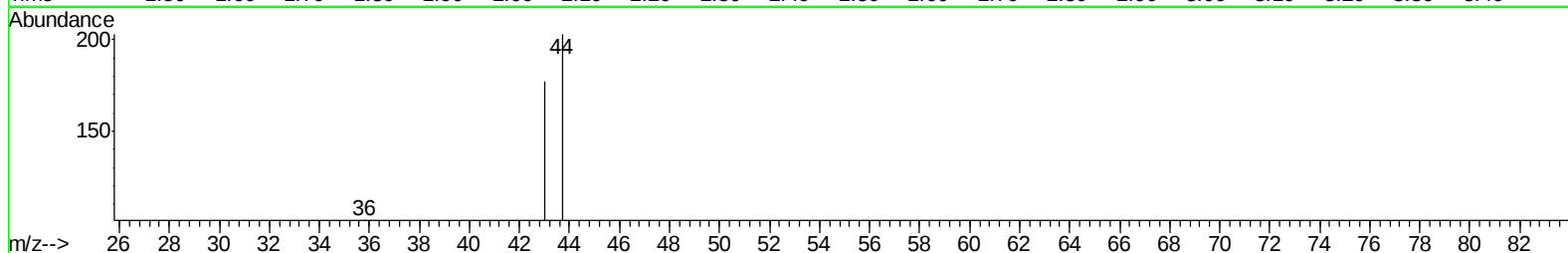
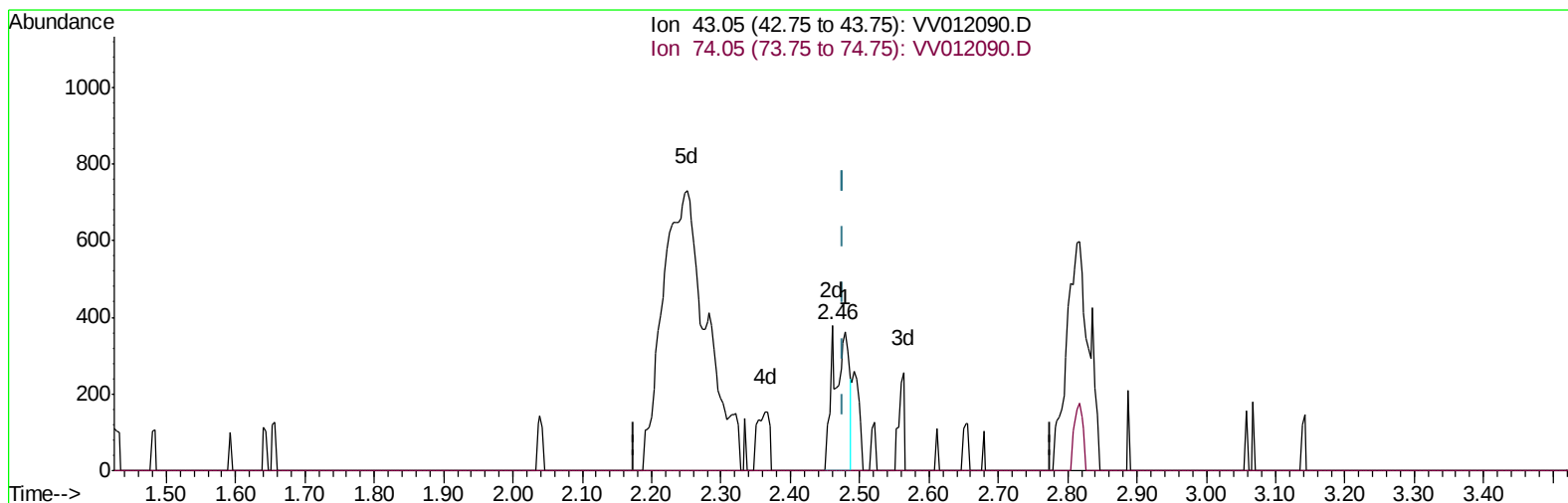
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TIC: VV012090.D

(15) Methyl Acetate (T)

2.460min (-0.016) 0.32ug/L m

response 541

Ion	Exp%	Act%
43.05	100	100
74.05	29.20	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

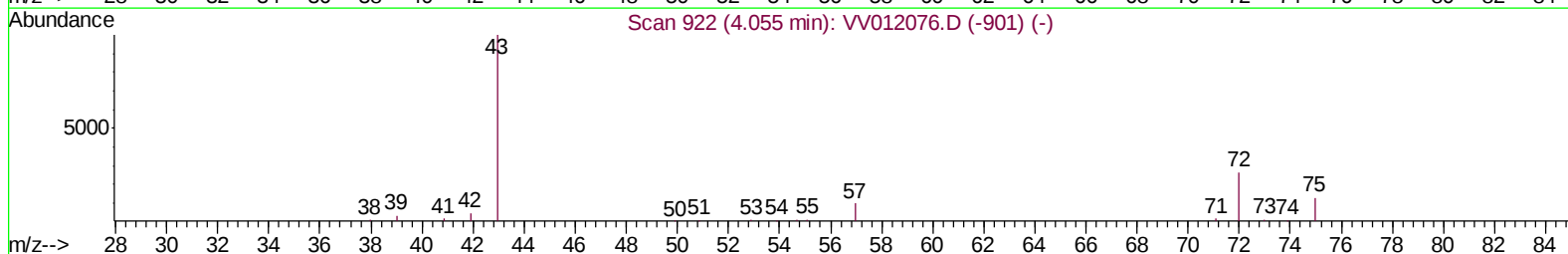
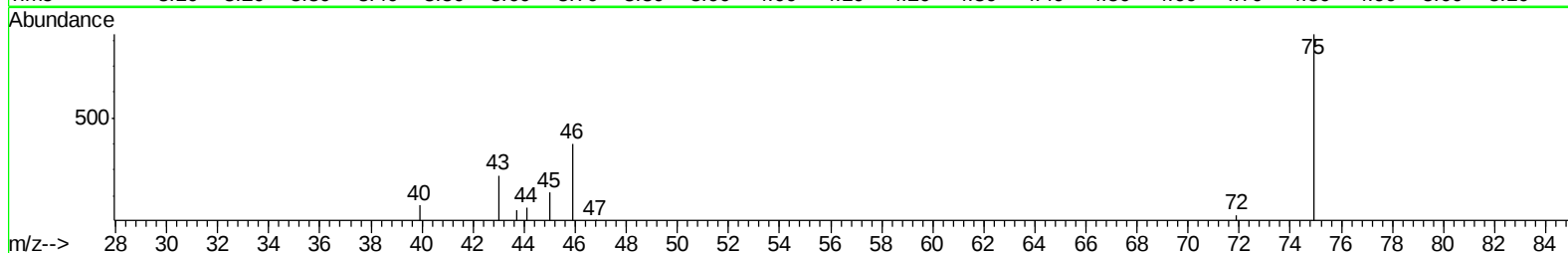
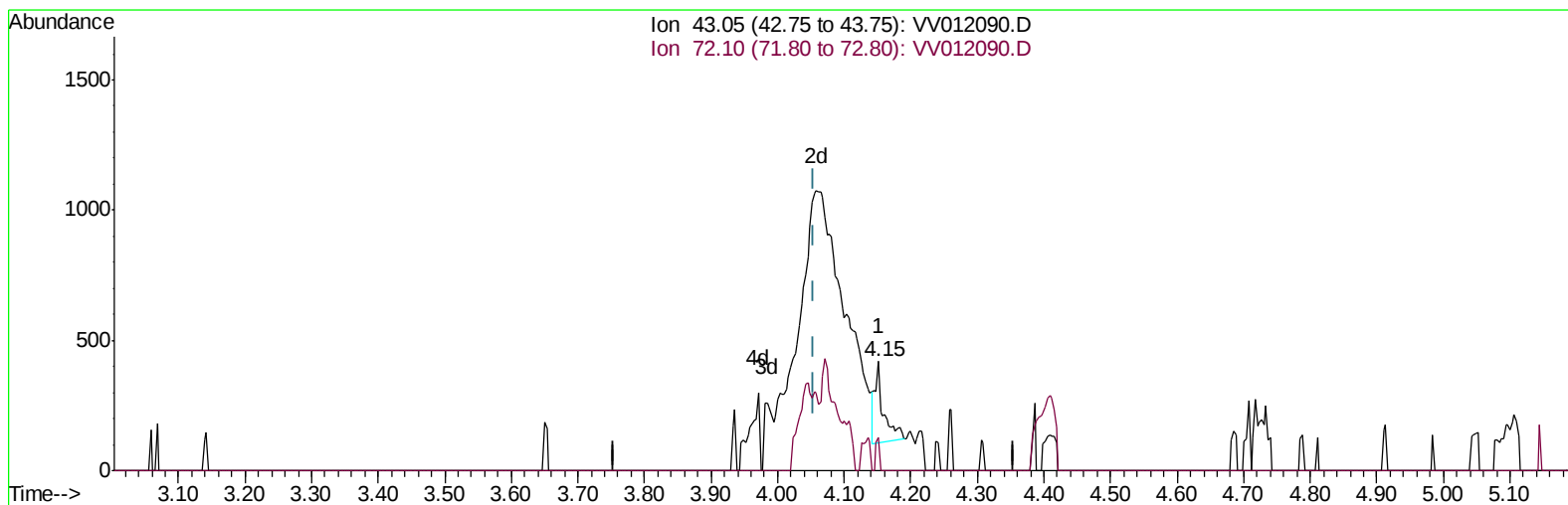
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TIC: VV012090.D

(21) 2-Butanone (T)
4.151min (+0.097) 0.19ug/L

response 279

Ion	Exp%	Act%
43.05	100	100
72.10	28.00	16.13
0.00	0.00	0.00
0.00	0.00	0.00

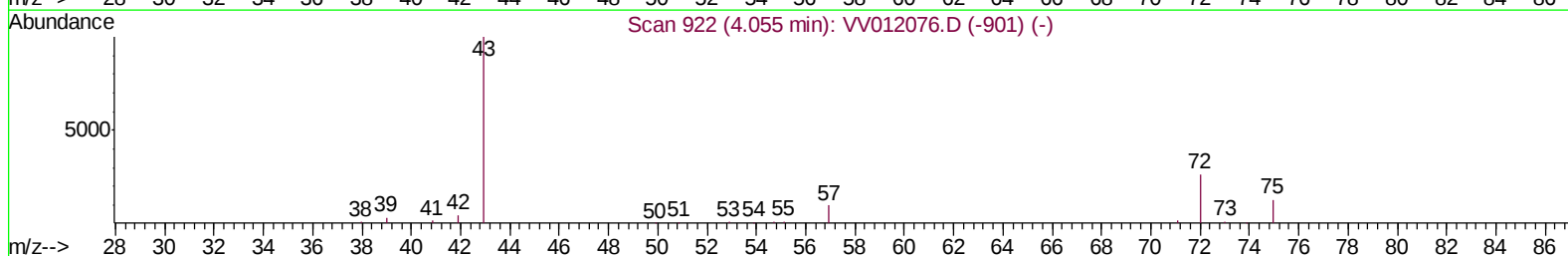
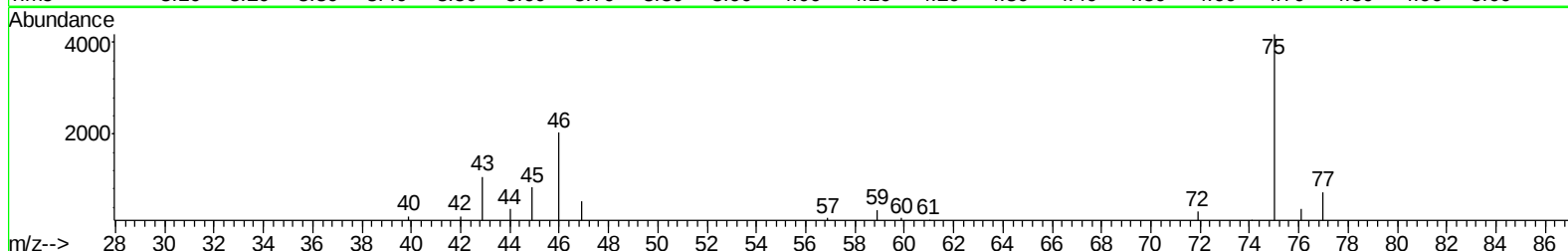
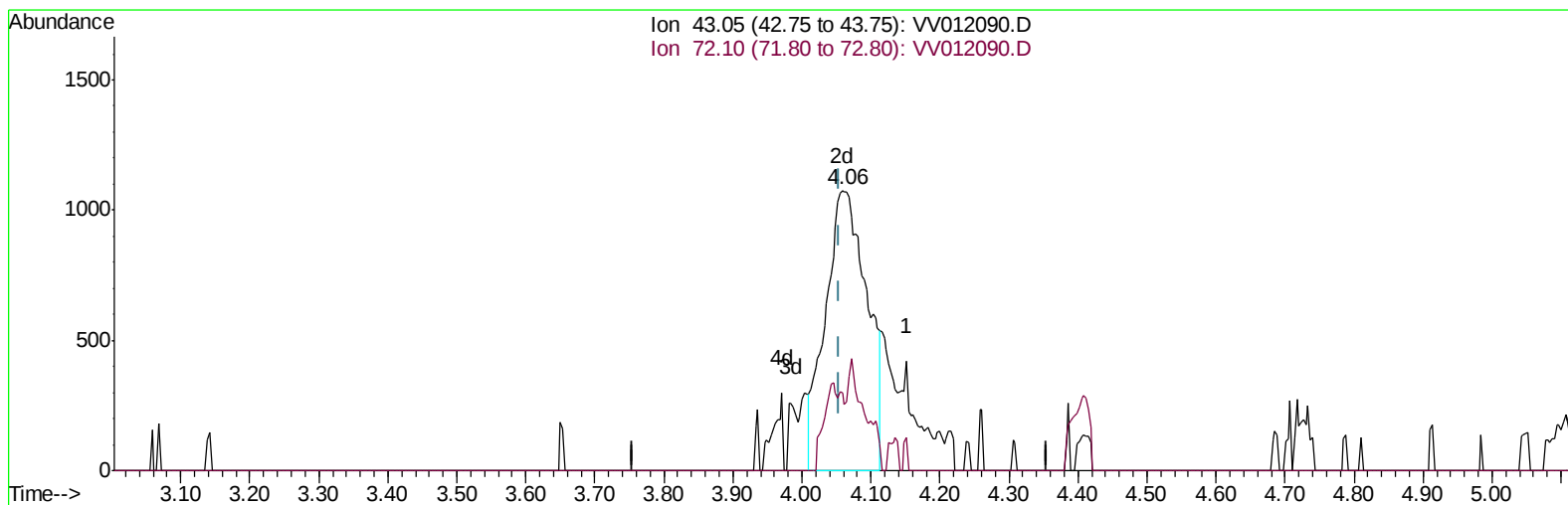
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ALS Vial : 20 Sample Multiplier: 1

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TIC: VV012090.D

(21) 2-Butanone (T)
4.058min (+0.003) 3.02ug/L m
response 4502

Ion	Exp%	Act%
43.05	100	100
72.10	28.00	1.00#
0.00	0.00	0.00
0.00	0.00	0.00

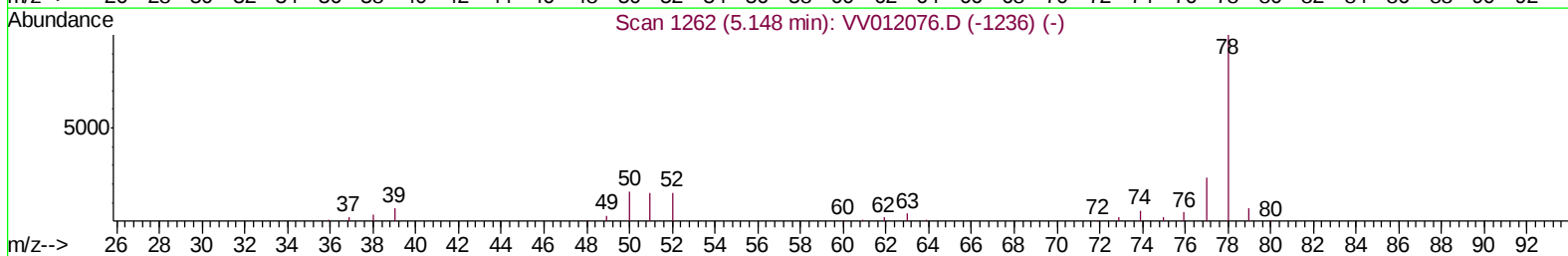
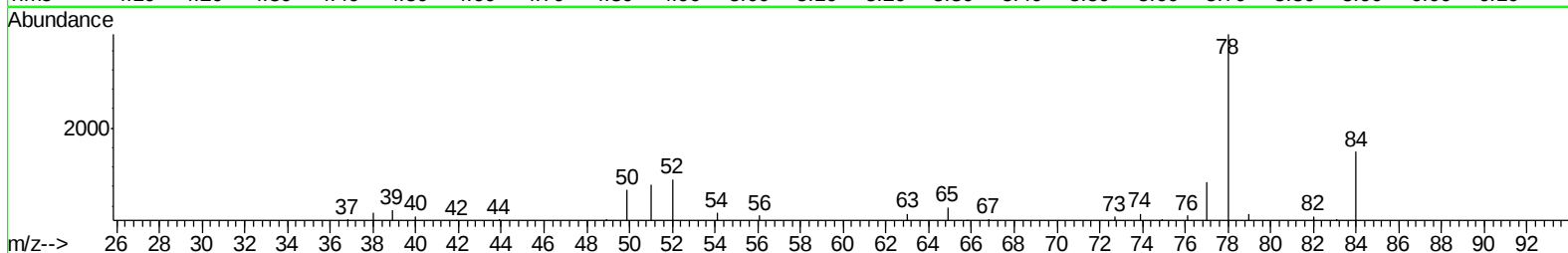
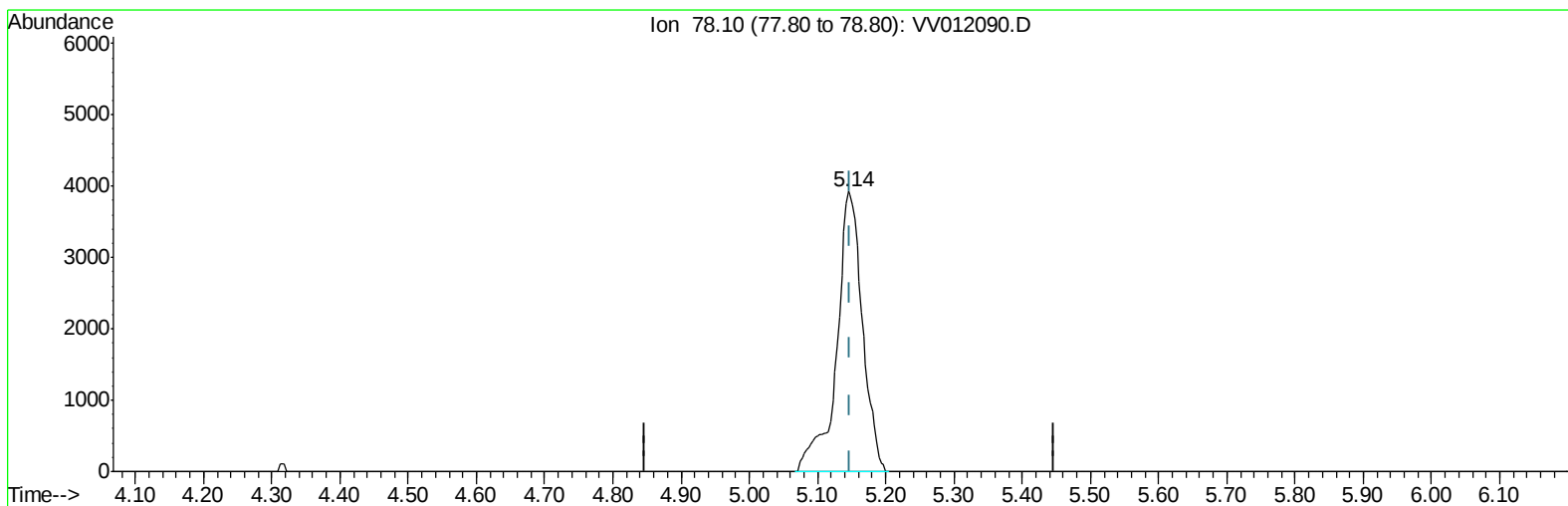
Data File : VV012090.D
Acq On : 31 Jul 2019 00:23
Operator : SY/MD
Sample : MDL07
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MDL07

Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR073119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 31 05:31:06 2019
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TIC: VV012090.D

(33) Benzene (T)

5.145min (-0.003) 0.36ug/L

response 10346

Ion	Exp%	Act%
78.10	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

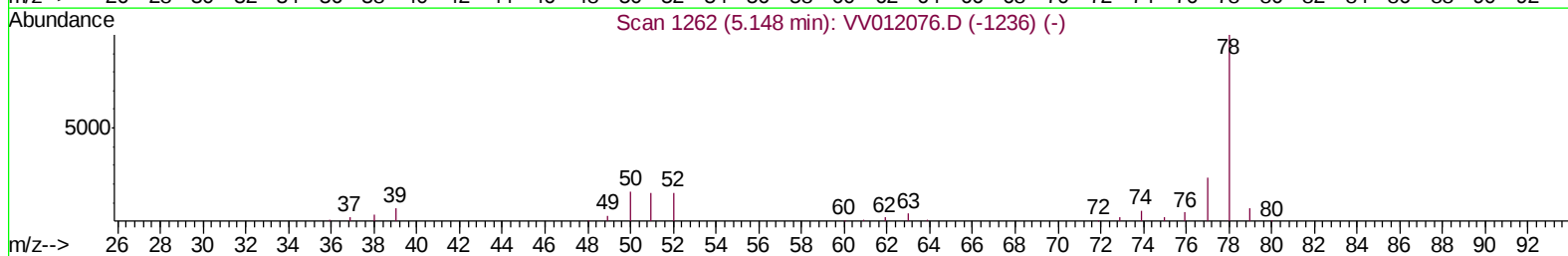
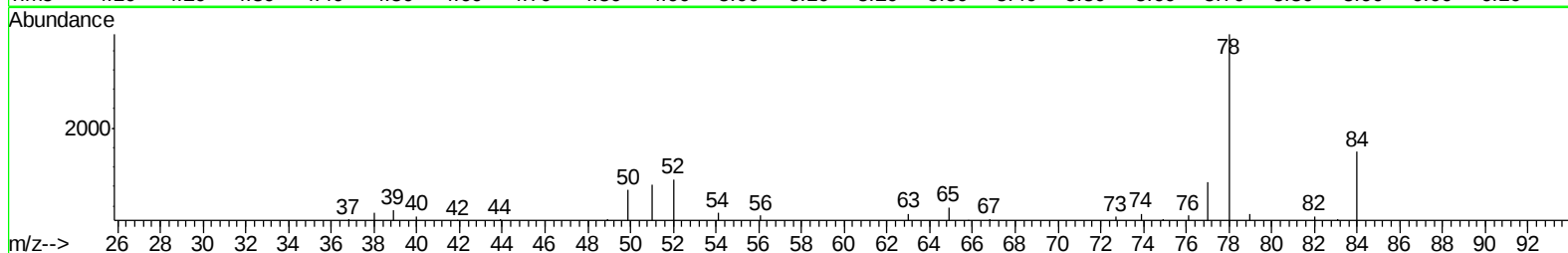
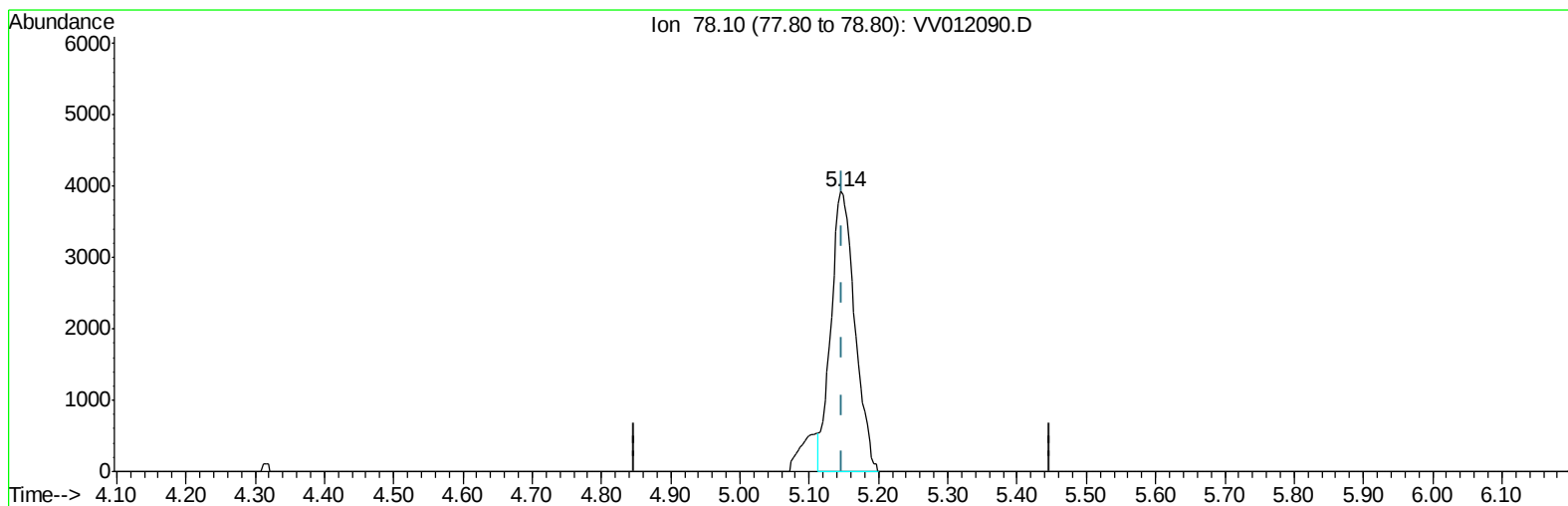
Data File : VV012090.D
Acq On : 31 Jul 2019 00:23
Operator : SY/MD
Sample : MDL07
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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Manual Integrations
APPROVED

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Quant Time: Jul 31 05:40:47 2019
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TIC: VV012090.D

(33) Benzene (T)

5.145min (-0.003) 0.32ug/L m

response 9349

Ion	Exp%	Act%
78.10	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

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Quant Time: Jul 31 06:45:05 2019
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Quant Title : TRACE VOA SOM01.0
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	113207	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	109808	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	56181	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	25092	4.72	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.40%
7) Chloroethane-d5	1.58	69	19323	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.40%
11) 1,1-Dichloroethene-d2	2.13	63	41288	3.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.60%
20) 2-Butanone-d5	3.97	46	72225	48.95	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.90%
24) Chloroform-d	4.40	84	67431	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
26) 1,2-Dichloroethane-d4	5.08	65	39731	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
32) Benzene-d6	5.10	84	134481	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
36) 1,2-Dichloropropane-d6	6.12	67	36293	4.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.40%
41) Toluene-d8	7.36	98	125323	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
43) trans-1,3-Dichloropropene-	7.66	79	15725	4.63	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.60%
46) 2-Hexanone-d5	8.14	63	56250	48.49	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.98%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	26837	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	52553	5.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.60%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	3873	0.309 ug/L	96
3) Chloromethane	1.25	50	1811	0.302 ug/L	92
5) Vinyl chloride	1.32	62	1936	0.296 ug/L #	58
6) Bromomethane	1.54	94	1274	0.314 ug/L	89
8) Chloroethane	1.60	64	1413	0.387 ug/L	99
9) Trichlorofluoromethane	1.77	101	4038	0.318 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	2021	0.373 ug/L #	87
12) 1,1-Dichloroethene	2.14	96	1907	0.384 ug/L #	1
13) Acetone	2.25	43	2502	3.332 ug/L	77
14) Carbon disulfide	2.32	76	4426	0.326 ug/L #	87
15) Methyl Acetate	2.46	43	541m	0.317 ug/L	
16) Methylene chloride	2.54	84	2055	0.398 ug/L	86
17) Methyl tert-butyl Ether	2.81	73	5060	0.306 ug/L #	91
18) trans-1,2-Dichloroethene	2.79	96	2422	0.327 ug/L	97
19) 1,1-Dichloroethane	3.23	63	4452	0.338 ug/L	91
21) 2-Butanone	4.06	43	4502m	3.024 ug/L	
22) cis-1,2-Dichloroethene	3.96	96	2462	0.310 ug/L	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

23) Bromochloromethane	4.30	128	1024	0.287	ug/L	94
25) Chloroform	4.43	83	11913	0.697	ug/L	100
27) 1,2-Dichloroethane	5.18	62	3252	0.346	ug/L #	91
29) 1,1,1-Trichloroethane	4.66	97	4766	0.334	ug/L	97
30) Cyclohexane	4.72	56	3585	0.330	ug/L	94
31) Carbon tetrachloride	4.87	117	3653	0.285	ug/L	100
33) Benzene	5.14	78	9349m	0.321	ug/L	
34) Trichloroethene	5.96	95	2940	0.350	ug/L	81
35) Methylcyclohexane	6.18	83	3766	0.296	ug/L	99
37) 1,2-Dichloropropane	6.22	63	2158	0.321	ug/L #	89
38) Bromodichloromethane	6.56	83	3173	0.321	ug/L #	97
39) cis-1,3-Dichloropropene	7.07	75	3112	0.297	ug/L	98
40) 4-Methyl-2-pentanone	7.28	43	10617	2.898	ug/L #	84
42) Toluene	7.43	91	10507	0.330	ug/L	96
44) trans-1,3-Dichloropropene	7.70	75	2523	0.298	ug/L	93
45) 1,1,2-Trichloroethane	7.88	97	1366	0.272	ug/L	85
47) Tetrachloroethene	8.02	164	2430	0.318	ug/L	85
48) 2-Hexanone	8.19	43	8016	3.145	ug/L	99
49) Dibromochloromethane	8.29	129	1989	0.305	ug/L	86
50) 1,2-Dibromoethane	8.40	107	1579	0.329	ug/L #	96
51) Chlorobenzene	8.93	112	6709	0.311	ug/L	99
52) Ethylbenzene	9.05	91	11712	0.319	ug/L	100
53) m,p-xylene	9.18	106	3770	0.268	ug/L	94
54) o-xylene	9.59	106	4076	0.302	ug/L	88
55) Styrene	9.60	104	6160	0.269	ug/L	98
56) Isopropylbenzene	9.97	105	10485	0.281	ug/L	97
58) 1,1,2,2-Tetrachloroethane	10.29	83	1693	0.306	ug/L #	94
59) 1,2,3-Trichloropropane	10.32	75	1175	0.281	ug/L	95
61) Bromoform	9.77	173	989	0.296	ug/L #	94
62) 1,3-Dichlorobenzene	11.23	146	5614	0.324	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	5709	0.323	ug/L	96
65) 1,2-Dichlorobenzene	11.69	146	6018	0.385	ug/L #	87
66) 1,2-Dibromo-3-chloropropan	12.48	75	368	0.438	ug/L #	76
67) 1,3,5-Trichlorobenzene	12.69	180	4944	0.349	ug/L	95
68) 1,2,4-trichlorobenzene	13.31	180	3451	0.301	ug/L	97
69) Naphthalene	13.55	128	4067	0.264	ug/L	98
70) 1,2,3-Trichlorobenzene	13.80	180	2831	0.278	ug/L	93

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

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