

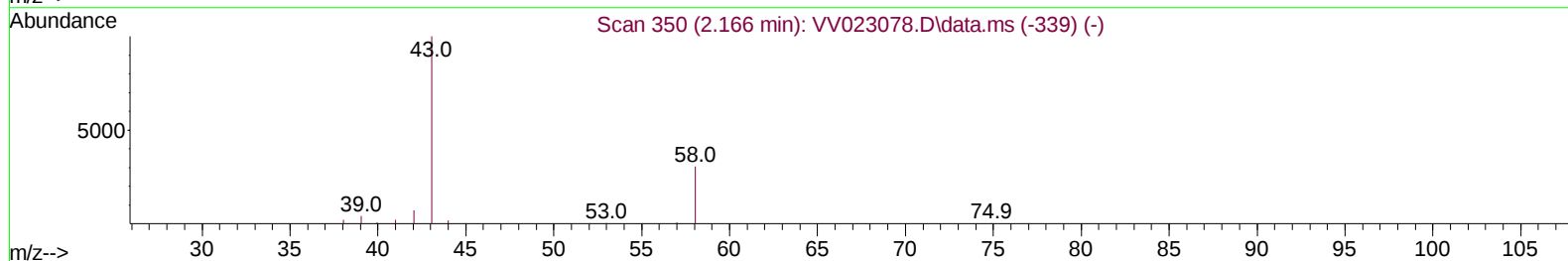
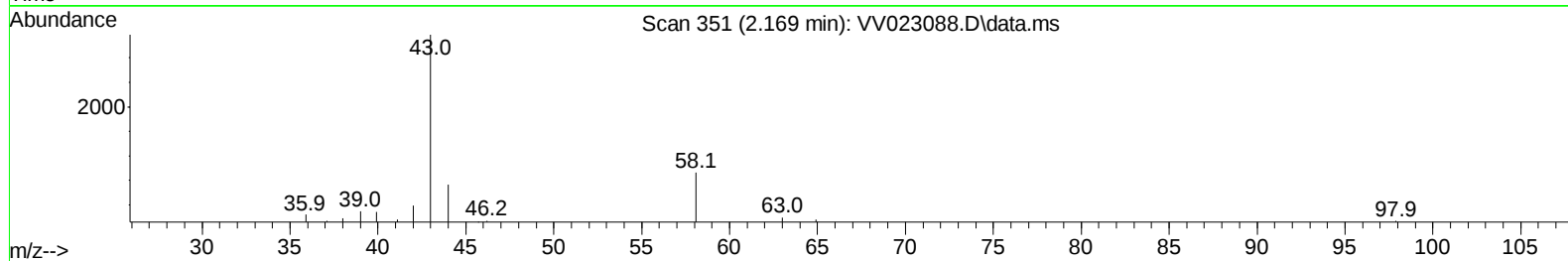
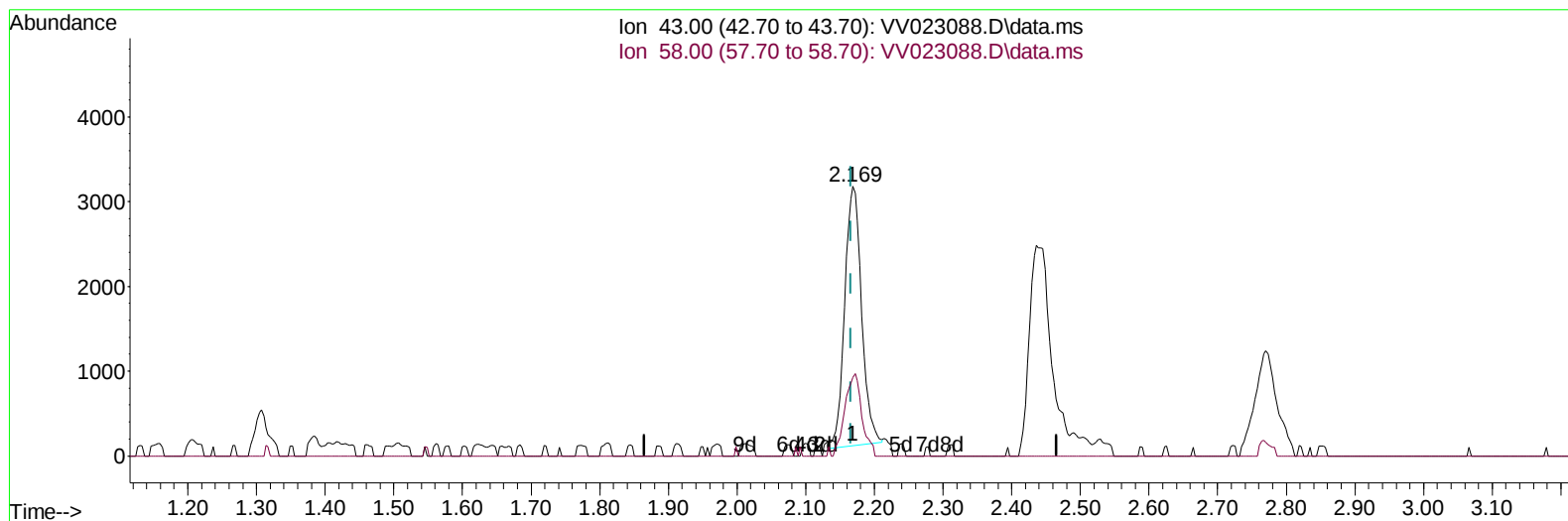
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102821\
 Data File : VV023088.D
 Acq On : 28 Oct 2021 20:53
 Operator : SY/MD
 Sample : MDL01
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL01

Manual Integrations
 APPROVED

SAM
 11/1/2021 6:35:47 PM

Quant Time: Oct 29 02:16:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM102821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 29 01:52:27 2021
 Response via : Initial Calibration



TIC: VV023088.D\data.ms

(13) Acetone (T)

2.169min (+ 0.003) 3.73 ug/L

response 5260

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	0.20	31.92#
0.00	0.00	0.00
0.00	0.00	0.00

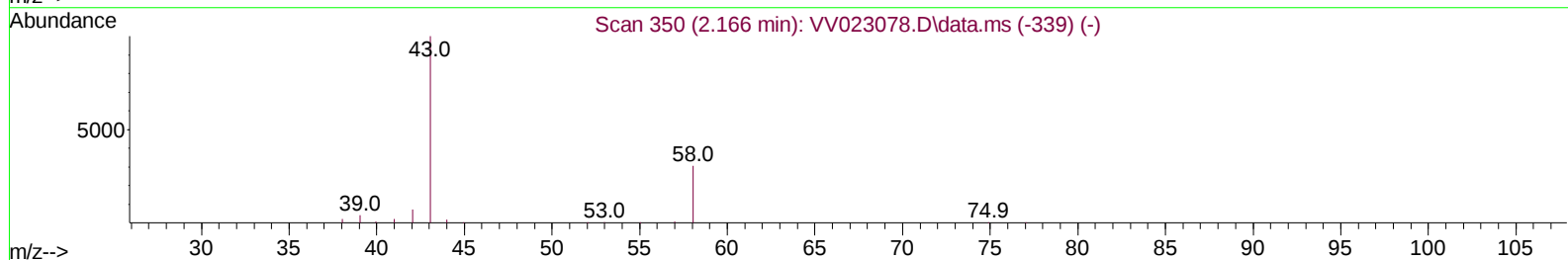
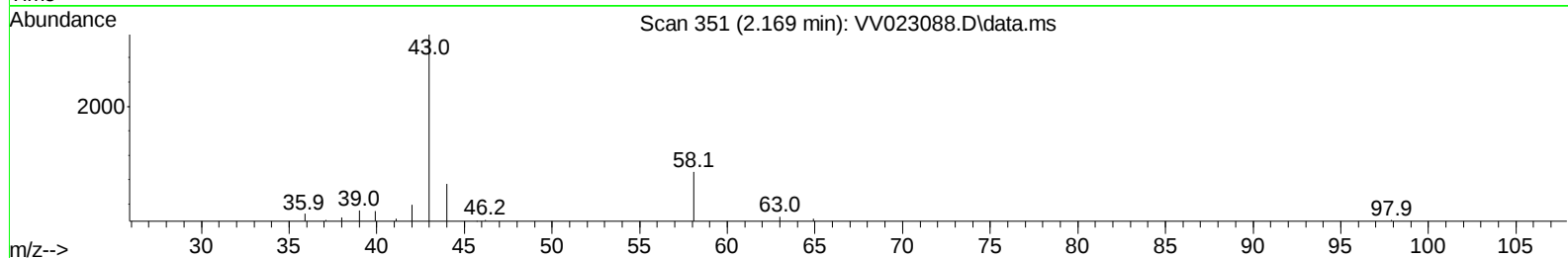
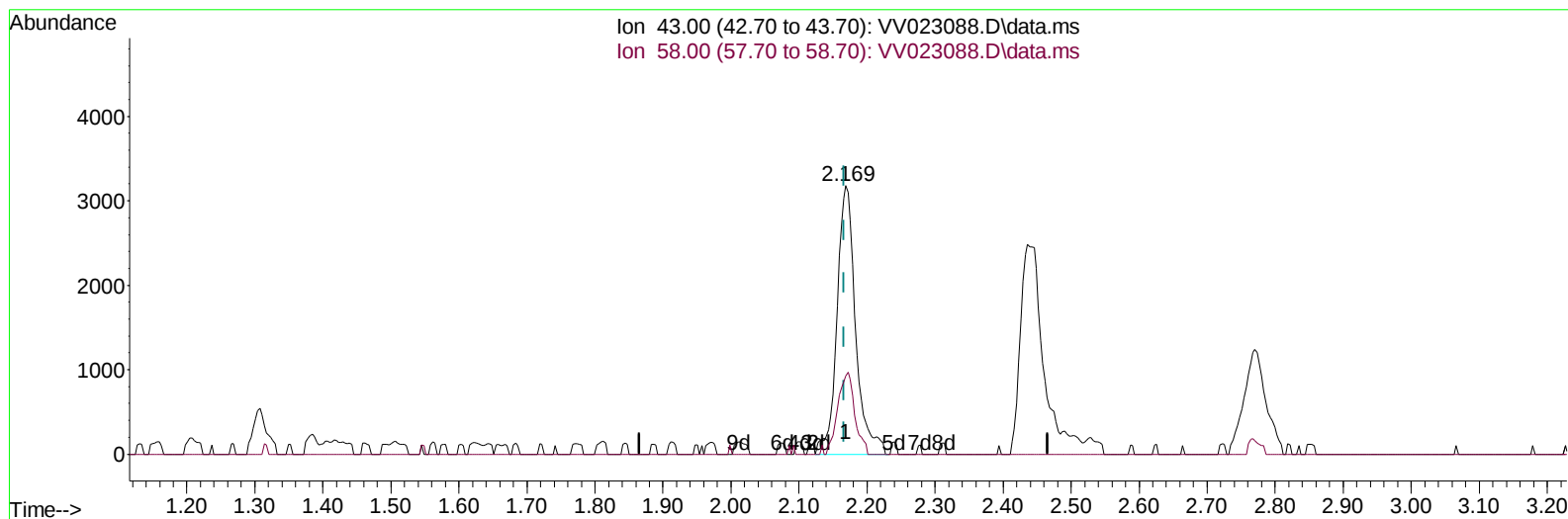
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TIC: VV023088.D\data.ms

(13) Acetone (T)

2.169min (+ 0.003) 4.30 ug/L m

response 6052

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	0.20	27.74#
0.00	0.00	0.00
0.00	0.00	0.00

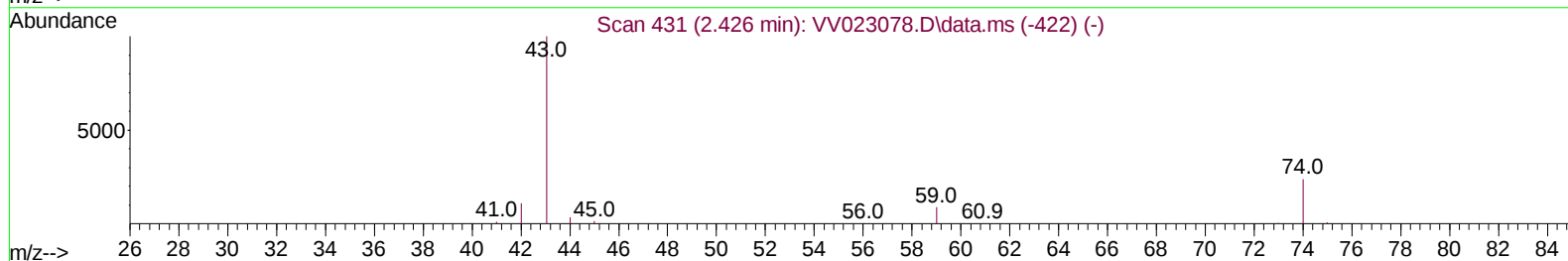
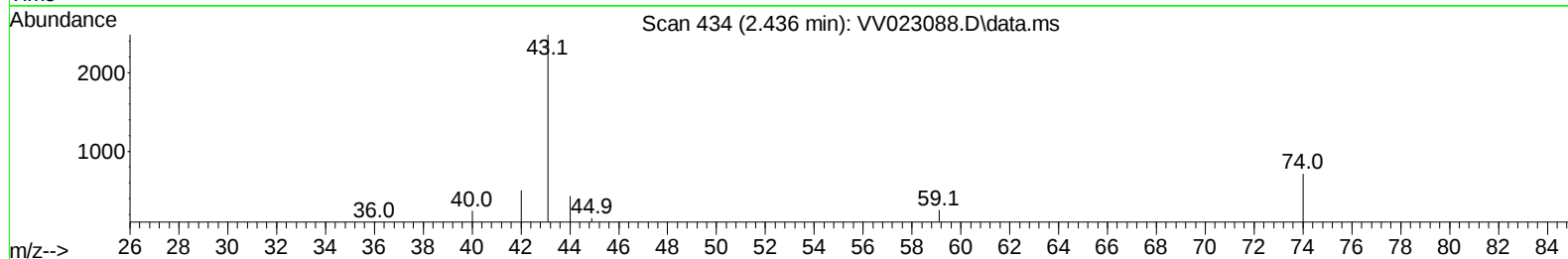
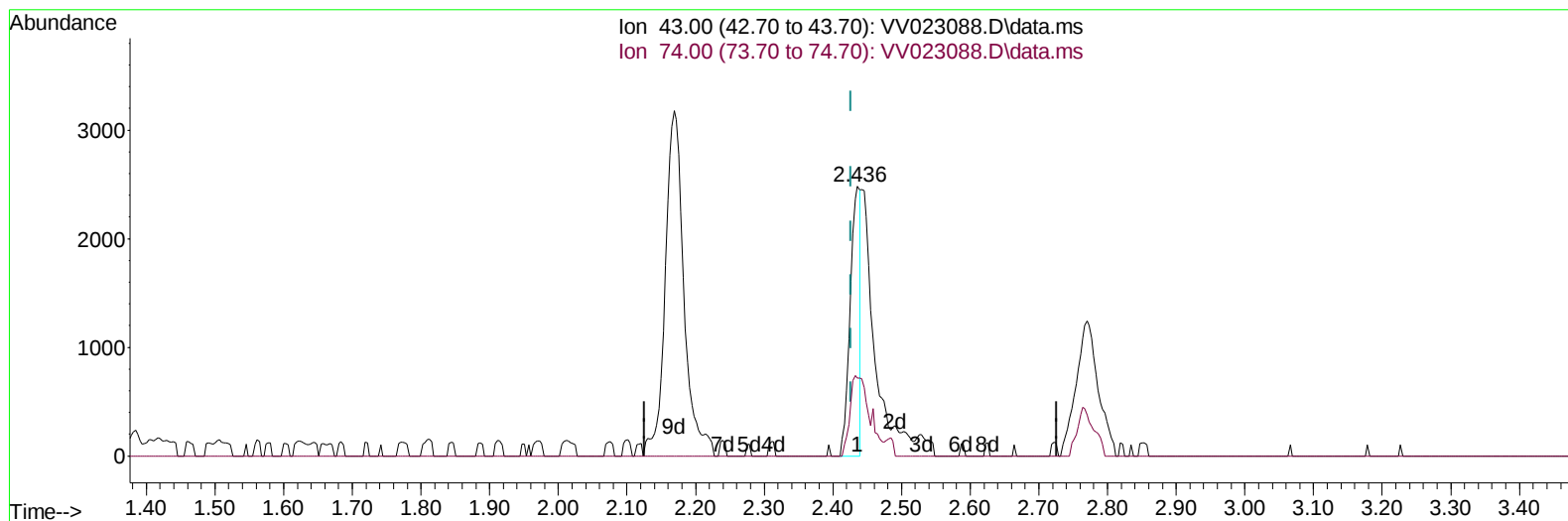
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 Data File : VV023088.D
 Acq On : 28 Oct 2021 20:53
 Operator : SY/MD
 Sample : MDL01
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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TIC: VV023088.D\data.ms

(15) Methyl Acetate (T)

2.436min (+ 0.010) 1.08 ug/L

response 2526

Ion	Exp%	Act%
43.00	100.00	100.00
74.00	24.30	24.58
0.00	0.00	0.00
0.00	0.00	0.00

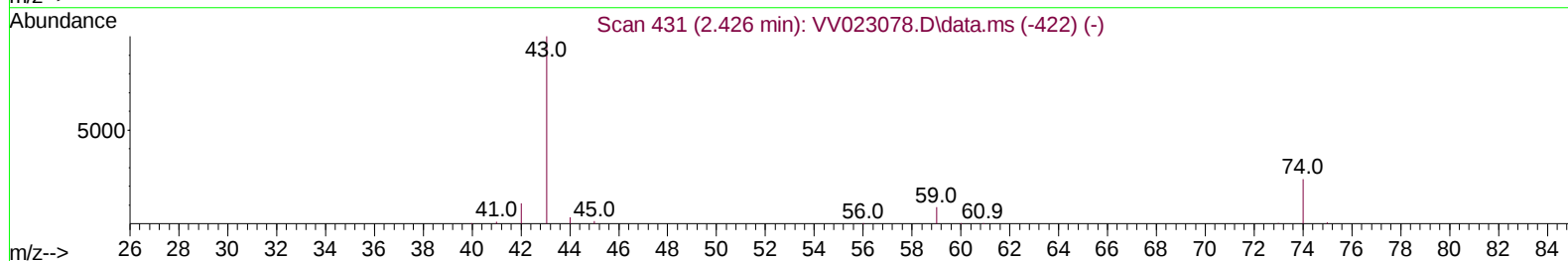
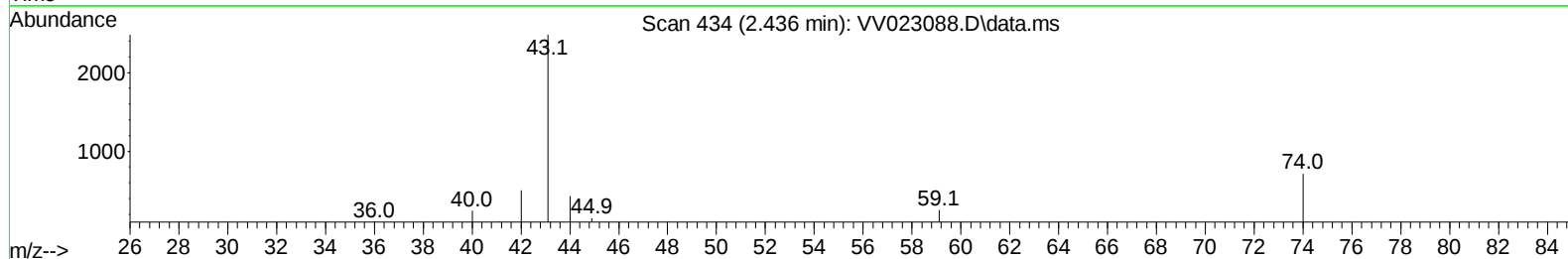
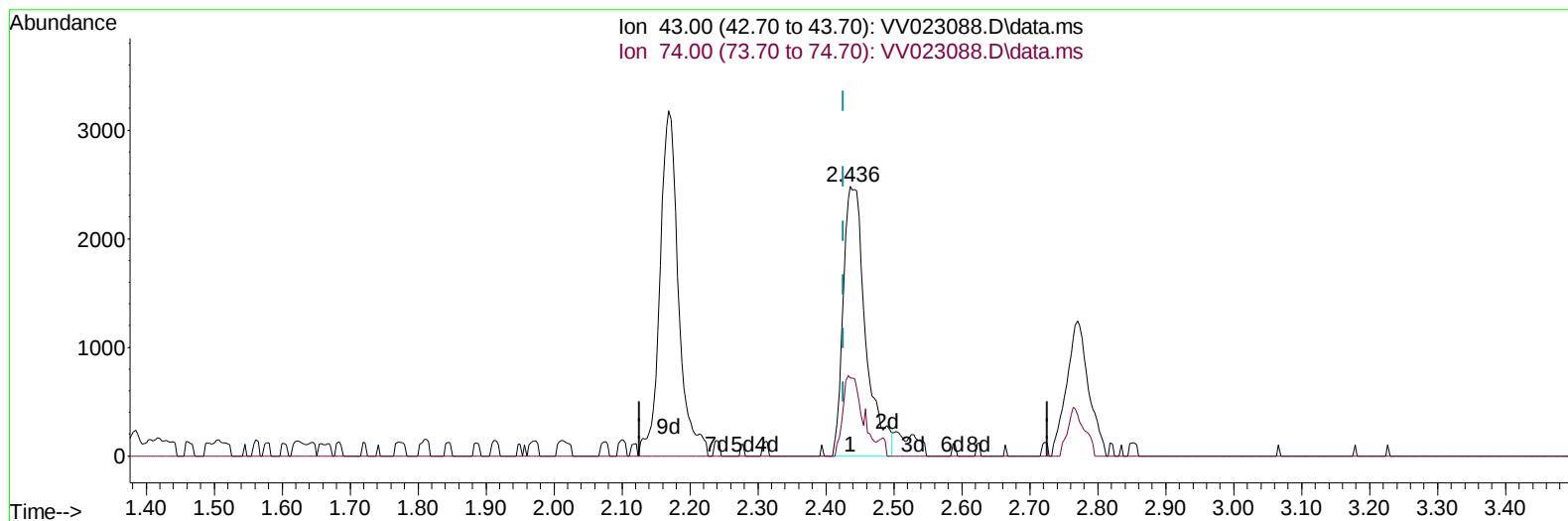
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102821\
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Acq On : 28 Oct 2021 20:53
Operator : SY/MD
Sample : MDL01
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
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Instrument :
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ClientSampleId :
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Manual Integrations
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Response via : Initial Calibration



TIC: VV023088.D\data.ms

(15) Methyl Acetate (T)

2.436min (+ 0.010) 2.42 ug/L m

response 5666

Ion	Exp%	Act%
43.00	100.00	100.00
74.00	24.30	10.96#
0.00	0.00	0.00
0.00	0.00	0.00

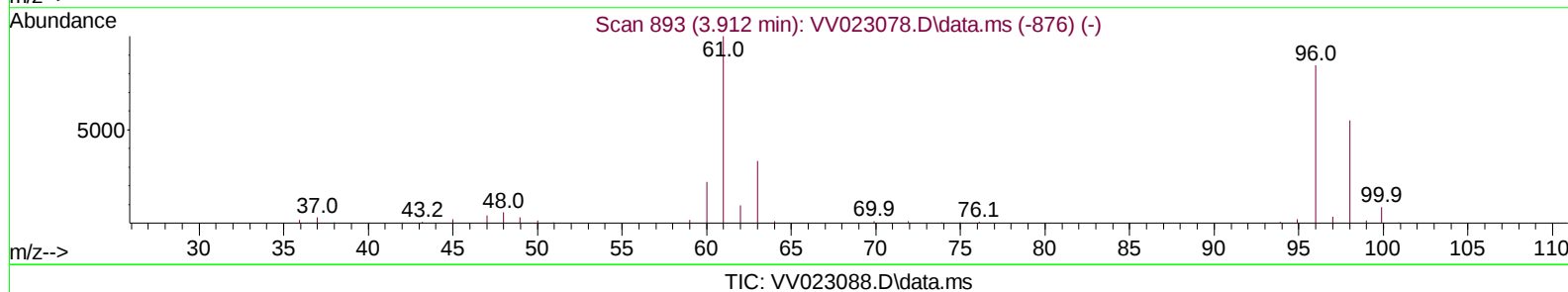
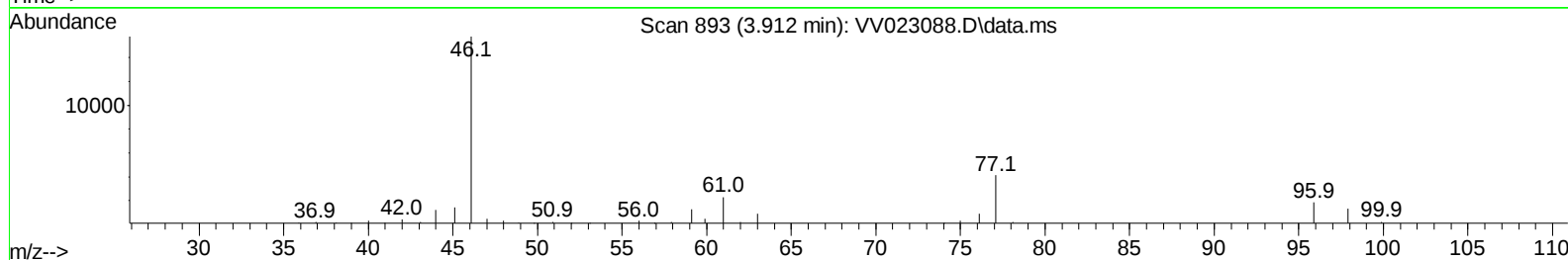
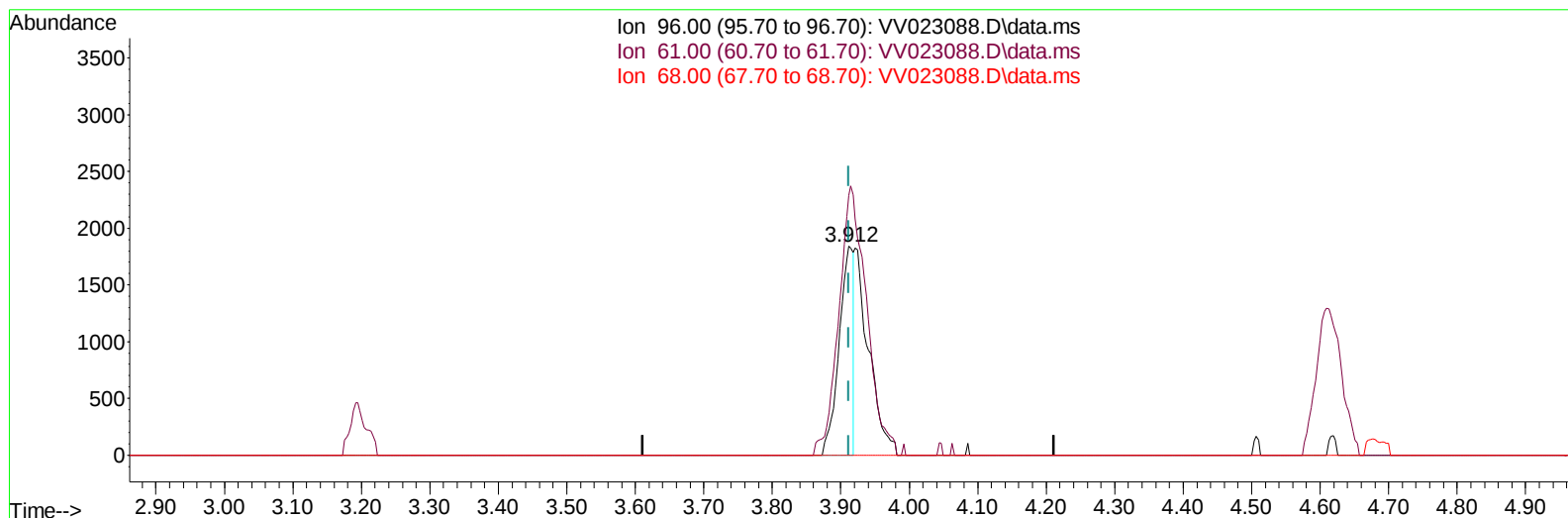
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Operator : SY/MD
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(20) cis-1,2-Dichloroethene (T)

3.912min (+ 0.000) 1.19 ug/L

response 2676

Ion	Exp%	Act%
96.00	100.00	100.00
61.00	118.50	124.57
68.00	0.00	0.00
0.00	0.00	0.00

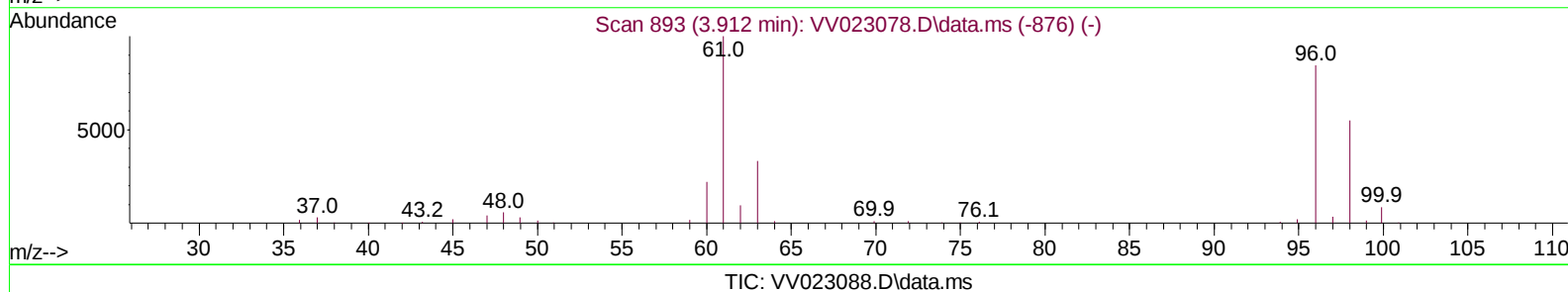
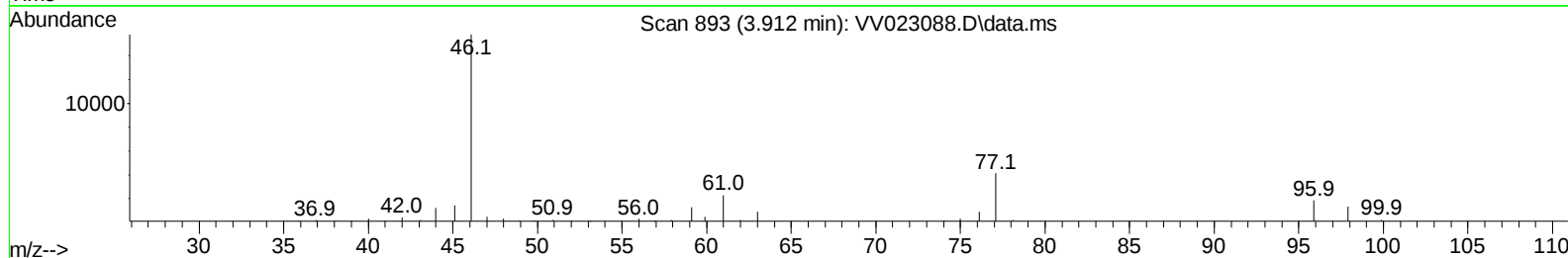
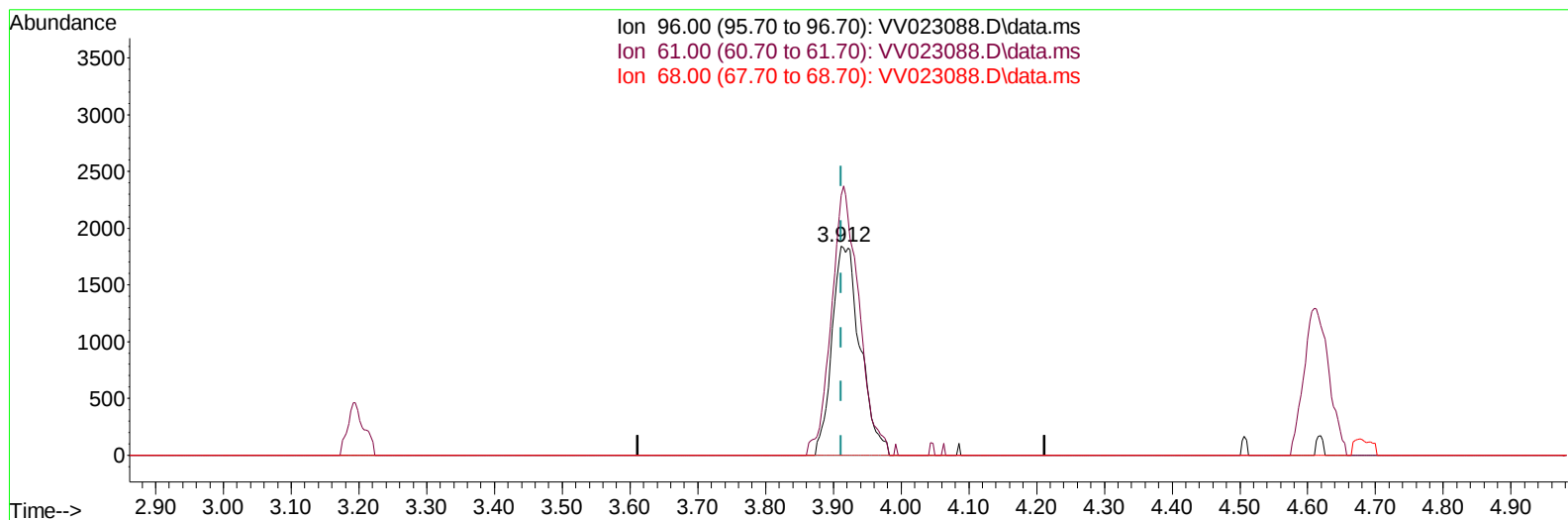
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Data File : VV023088.D
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Operator : SY/MD
Sample : MDL01
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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Manual Integrations
APPROVED

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Response via : Initial Calibration



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

3.912min (+ 0.000) 2.37 ug/L m

response 5327

Ion	Exp%	Act%
96.00	100.00	100.00
61.00	118.50	124.57
68.00	0.00	0.00
0.00	0.00	0.00

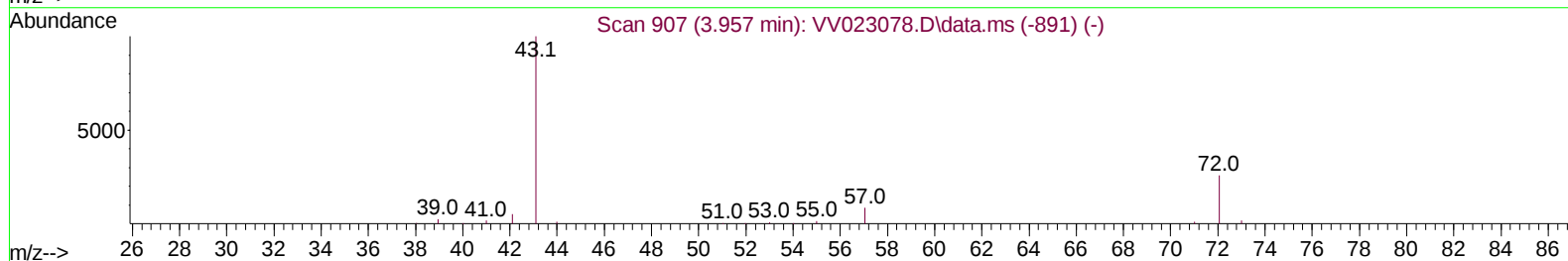
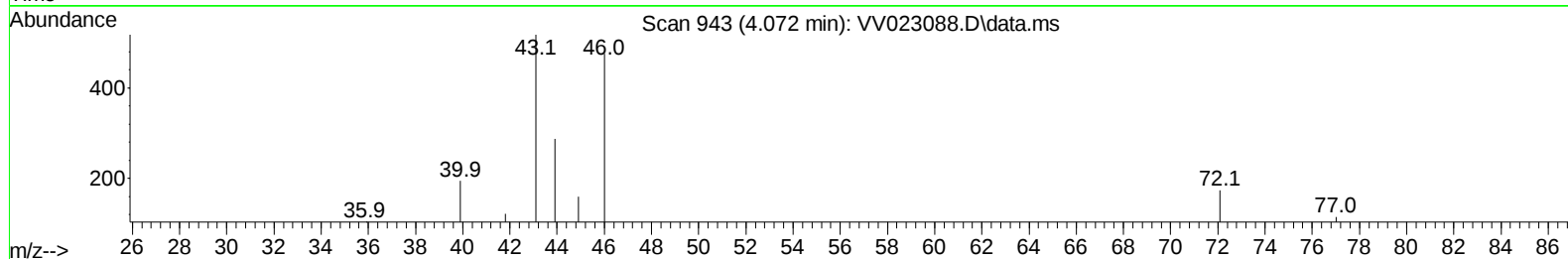
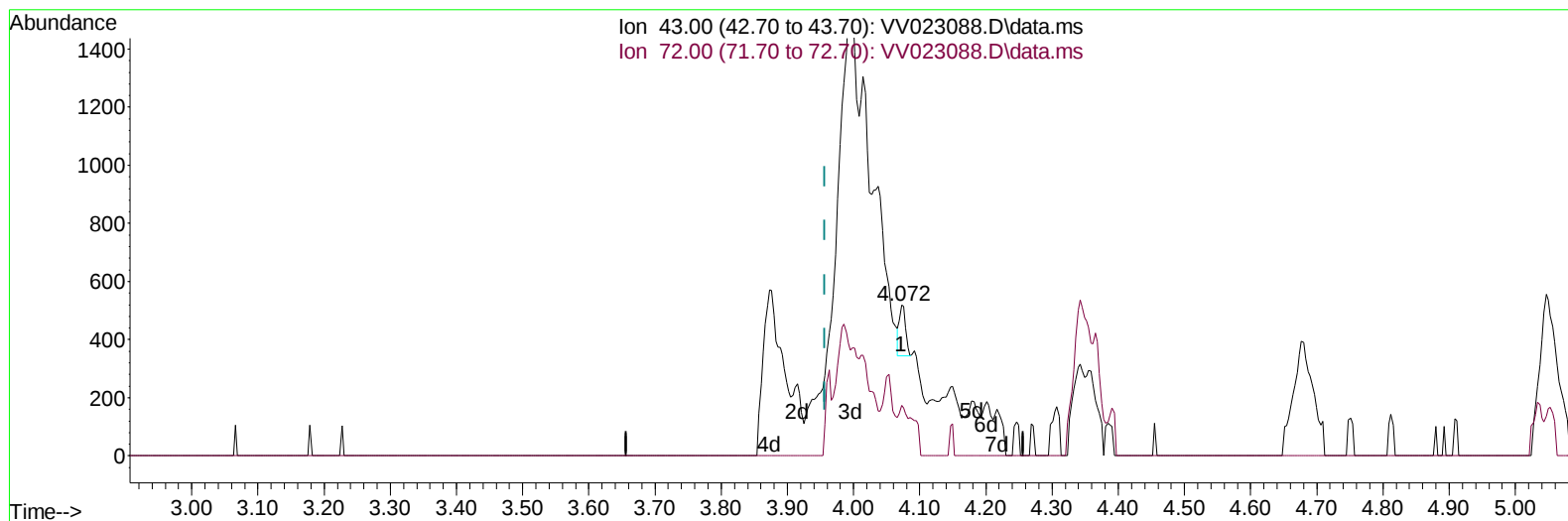
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Operator : SY/MD
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TIC: VV023088.D\data.ms

(22) 2-Butanone (T)

4.072min (+ 0.116) 0.07 ug/L

response 114

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	26.70	20.18
0.00	0.00	0.00
0.00	0.00	0.00

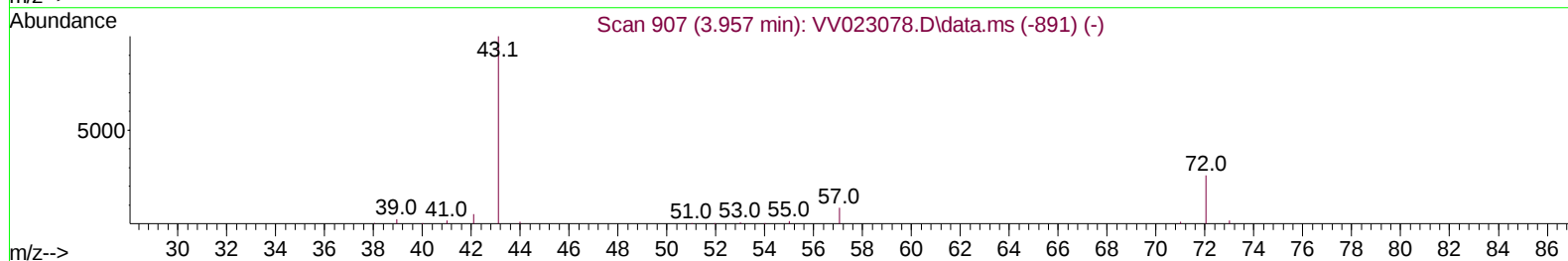
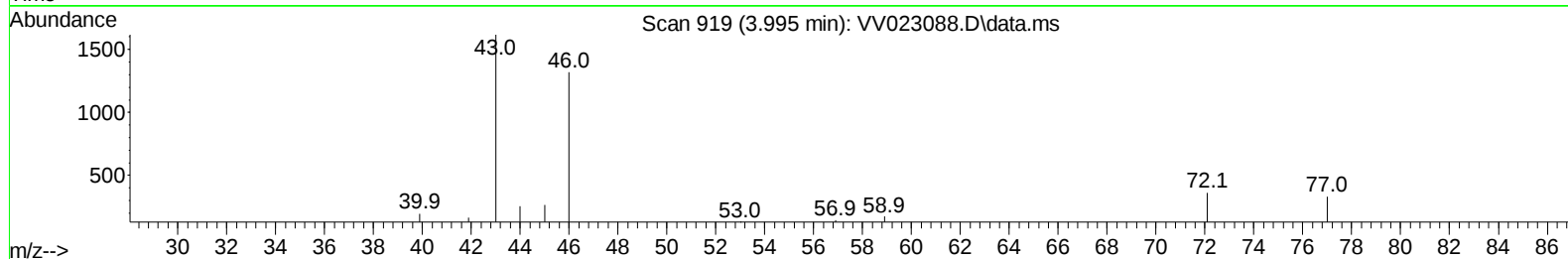
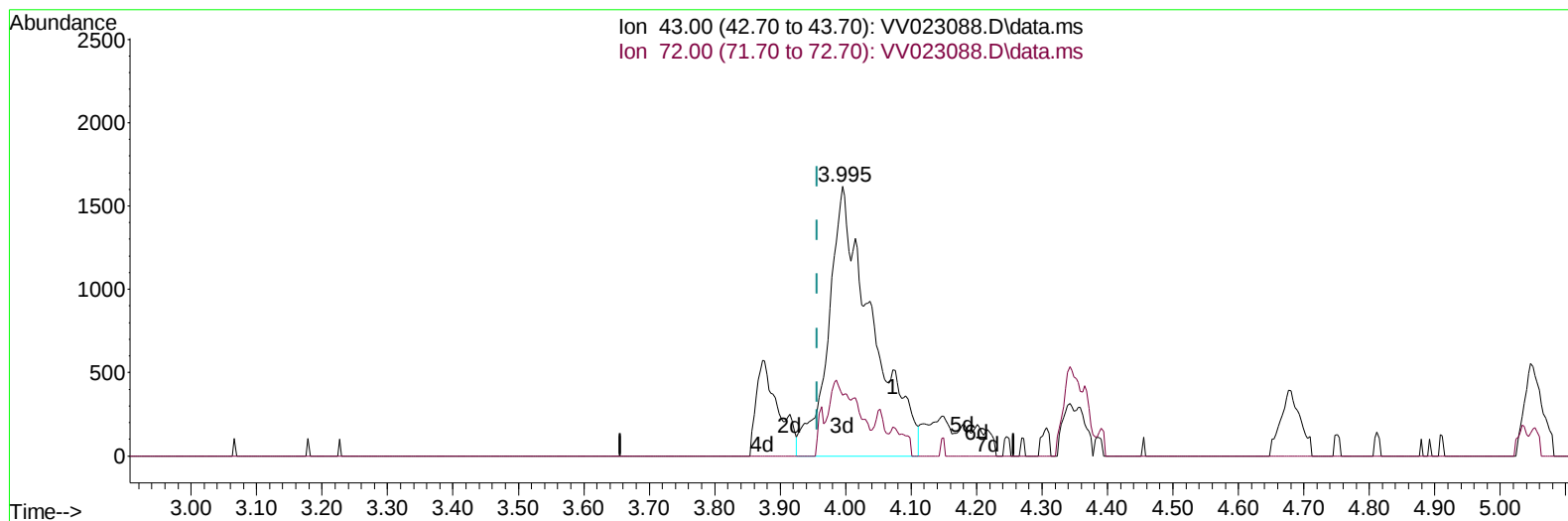
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 Data File : VV023088.D
 Acq On : 28 Oct 2021 20:53
 Operator : SY/MD
 Sample : MDL01
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL01

Manual Integrations
 APPROVED

SAM
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM102821WMA.M
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 Response via : Initial Calibration



TIC: VV023088.D\data.ms

(22) 2-Butanone (T)

3.995min (+ 0.039) 4.62 ug/L m

response 7417

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	26.70	0.31#
0.00	0.00	0.00
0.00	0.00	0.00

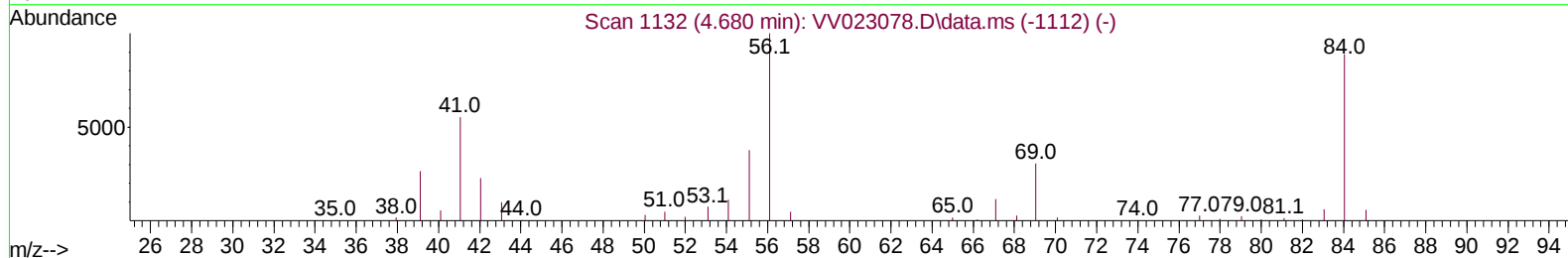
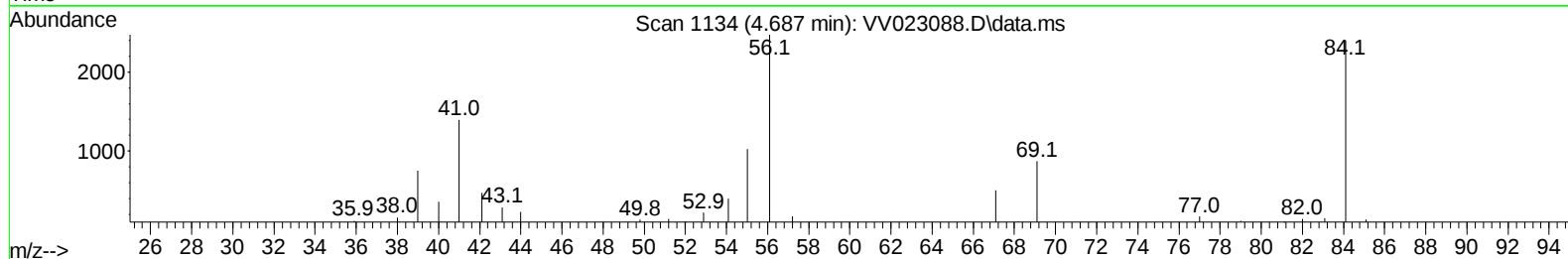
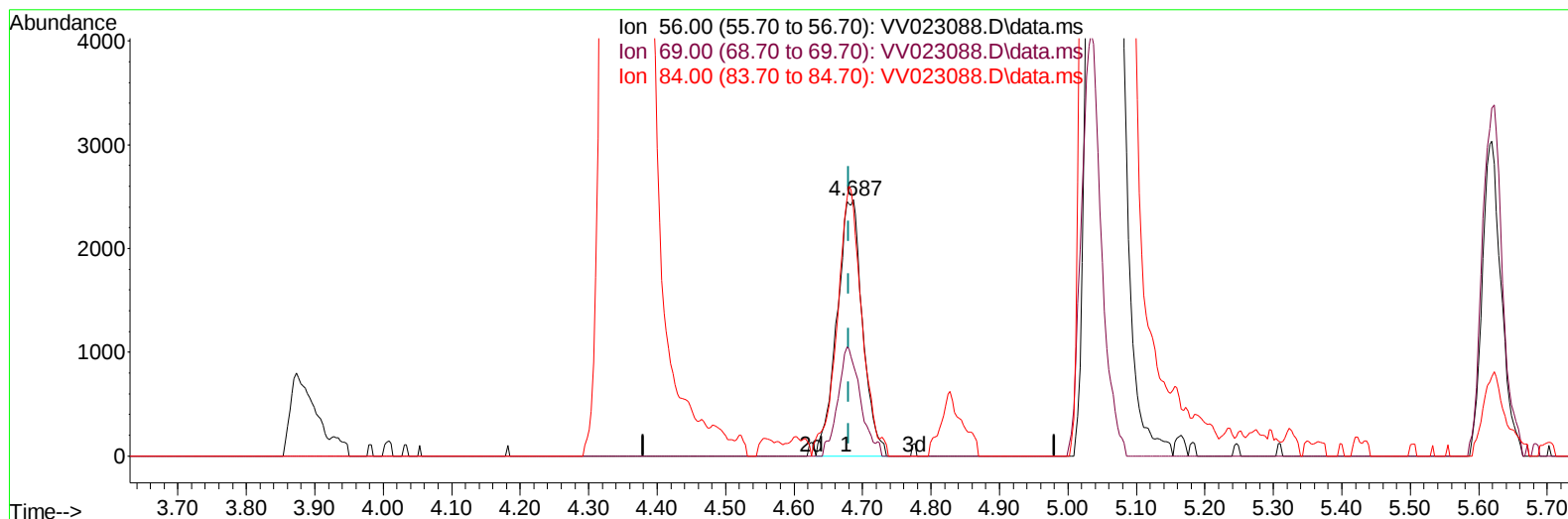
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Acq On : 28 Oct 2021 20:53
Operator : SY/MD
Sample : MDL01
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
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TIC: VV023088.D\data.ms

(29) Cyclohexane (T)

4.687min (+ 0.006) 2.08 ug/L m

response 6417

Ion	Exp%	Act%
56.00	100.00	100.00
69.00	30.70	31.46
84.00	91.00	100.03
0.00	0.00	0.00

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 Acq On : 28 Oct 2021 20:53
 Operator : SY/MD
 Sample : MDL01
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 15 Sample Multiplier: 1

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	275259	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	264716	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	132490	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	86616	45.660	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	91.320%	
7) Chloroethane-d5	1.565	69	70446	47.611	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	95.220%	
11) 1,1-Dichloroethene-d2	2.108	63	124510	34.649	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	69.300%	
21) 2-Butanone-d5	3.876	46	149092	104.901	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	104.900%	
24) Chloroform-d	4.349	84	186508	46.761	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	93.520%	
26) 1,2-Dichloroethane-d4	5.034	65	117555	49.796	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	99.600%	
32) Benzene-d6	5.050	84	365094	50.347	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	100.700%	
36) 1,2-Dichloropropane-d6	6.072	67	116202	50.338	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	100.680%	
41) Toluene-d8	7.317	98	321200	48.549	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	97.100%	
43) trans-1,3-Dichloroprop...	7.622	79	53079	47.973	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	95.940%	
47) 2-Hexanone-d5	8.088	63	105676	105.399	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	105.400%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	165568	49.072	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	98.140%	
66) 1,2-Dichlorobenzene-d4	11.625	152	133022	52.050	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	104.100%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	5622	2.149	ug/L	94
3) Chloromethane	1.240	50	5992	2.428	ug/L	100
5) Vinyl chloride	1.310	62	5971	2.421	ug/L #	77
6) Bromomethane	1.519	94	3576	2.581	ug/L	89
8) Chloroethane	1.584	64	3491	2.325	ug/L #	82
9) Trichlorofluoromethane	1.751	101	8779	2.346	ug/L	93
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	5266	2.650	ug/L	88
12) 1,1-Dichloroethene	2.118	96	4901	2.658	ug/L #	1
13) Acetone	2.169	43	6052m	4.296	ug/L	
14) Carbon disulfide	2.298	76	12963	2.351	ug/L	100
15) Methyl Acetate	2.436	43	5666m	2.423	ug/L	
16) Methylene chloride	2.510	84	6126	2.594	ug/L	96
17) trans-1,2-Dichloroethene	2.764	96	4974	2.364	ug/L	98
18) Methyl tert-butyl Ether	2.770	73	13421	2.124	ug/L	97
19) 1,1-Dichloroethane	3.195	63	8656	2.208	ug/L	96
20) cis-1,2-Dichloroethene	3.912	96	5327m	2.368	ug/L	
22) 2-Butanone	3.995	43	7417m	4.619	ug/L	
23) Bromochloromethane	4.259	128	2922	2.305	ug/L	88

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Instrument :
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 ClientSampleId :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Chloroform	4.378	83	10701	2.654	ug/L	94
27) 1,2-Dichloroethane	5.146	62	6577	2.173	ug/L	100
29) Cyclohexane	4.687	56	6417m	2.077	ug/L	
30) 1,1,1-Trichloroethane	4.606	97	8034	2.278	ug/L	99
31) Carbon tetrachloride	4.831	117	6968	2.198	ug/L	96
33) Benzene	5.105	78	18977	2.301	ug/L	100
34) Trichloroethene	5.924	95	5025	2.332	ug/L	95
35) Methylcyclohexane	6.130	83	6974	2.077	ug/L	98
37) 1,2-Dichloropropane	6.182	63	5362	2.474	ug/L	100
38) Bromodichloromethane	6.516	83	6806	2.320	ug/L	99
39) cis-1,3-Dichloropropene	7.037	75	7046	2.144	ug/L	100
40) 4-Methyl-2-pentanone	7.233	43	11743	4.201	ug/L	96
42) Toluene	7.394	91	24693	2.798	ug/L	93
44) trans-1,3-Dichloropropene	7.657	75	7533	2.364	ug/L	97
45) 1,1,2-Trichloroethane	7.847	97	5044	2.279	ug/L	95
46) Tetrachloroethene	7.982	164	4397	2.367	ug/L	92
48) 2-Hexanone	8.149	43	10392	4.683	ug/L	93
49) Dibromochloromethane	8.246	129	5473	2.164	ug/L	94
50) 1,2-Dibromoethane	8.362	107	5498	2.359	ug/L	91
51) Chlorobenzene	8.886	112	13857	2.324	ug/L	98
52) Ethylbenzene	9.018	91	19814	2.110	ug/L	98
53) m,p-Xylene	9.143	106	7530	2.080	ug/L	98
54) o-Xylene	9.548	106	6772	1.922	ug/L	98
55) Styrene	9.567	104	11313	1.847	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.243	83	9661	2.738	ug/L #	93
59) Bromoform	9.735	173	3813	2.275	ug/L #	97
60) Isopropylbenzene	9.934	105	17836	2.107	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	6361	2.562	ug/L	99
62) 1,3,5-Trimethylbenzene	10.542	105	13532	1.941	ug/L	100
63) 1,2,4-Trimethylbenzene	10.918	105	14534	2.077	ug/L	100
64) 1,3-Dichlorobenzene	11.185	146	9931	2.321	ug/L	96
65) 1,4-Dichlorobenzene	11.275	146	10692	2.399	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	11097	2.565	ug/L	92
68) 1,2-Dibromo-3-chloropr...	12.432	75	1912	2.759	ug/L #	88
69) 1,3,5-Trichlorobenzene	12.648	180	7373	2.278	ug/L	98
70) 1,2,4-trichlorobenzene	13.265	180	6421	2.289	ug/L	99
71) Naphthalene	13.506	128	18395	2.043	ug/L	97
72) 1,2,3-Trichlorobenzene	13.747	180	6499	2.192	ug/L	99

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

