

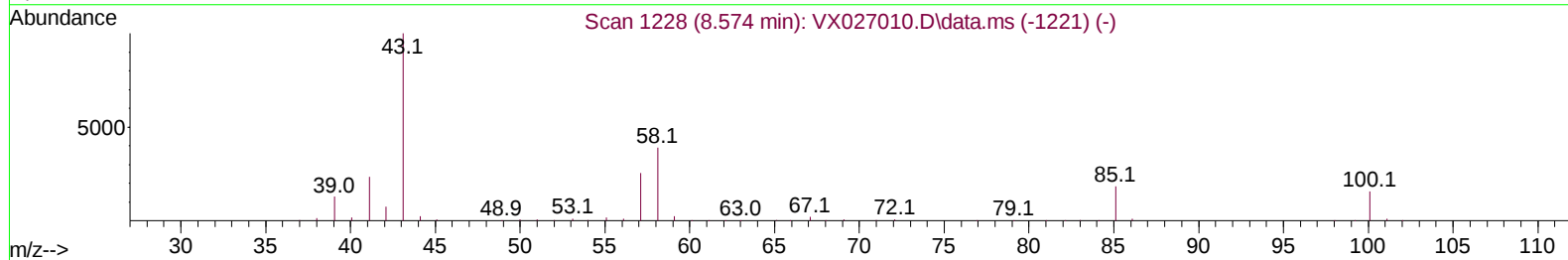
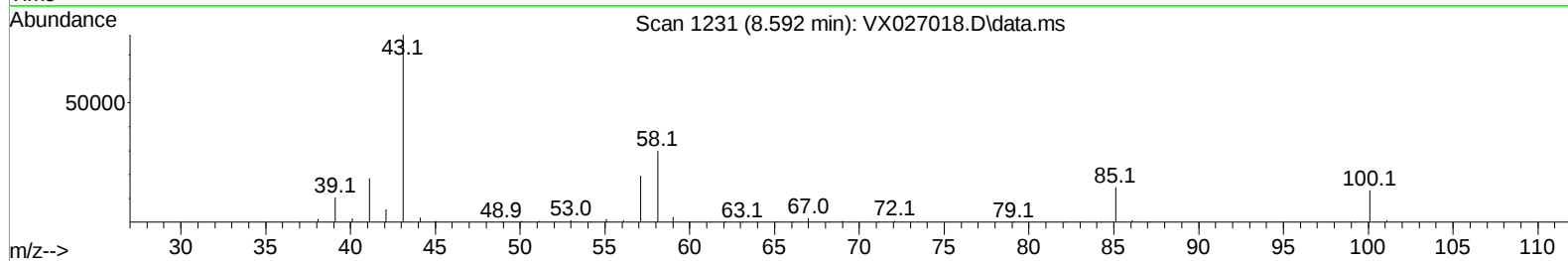
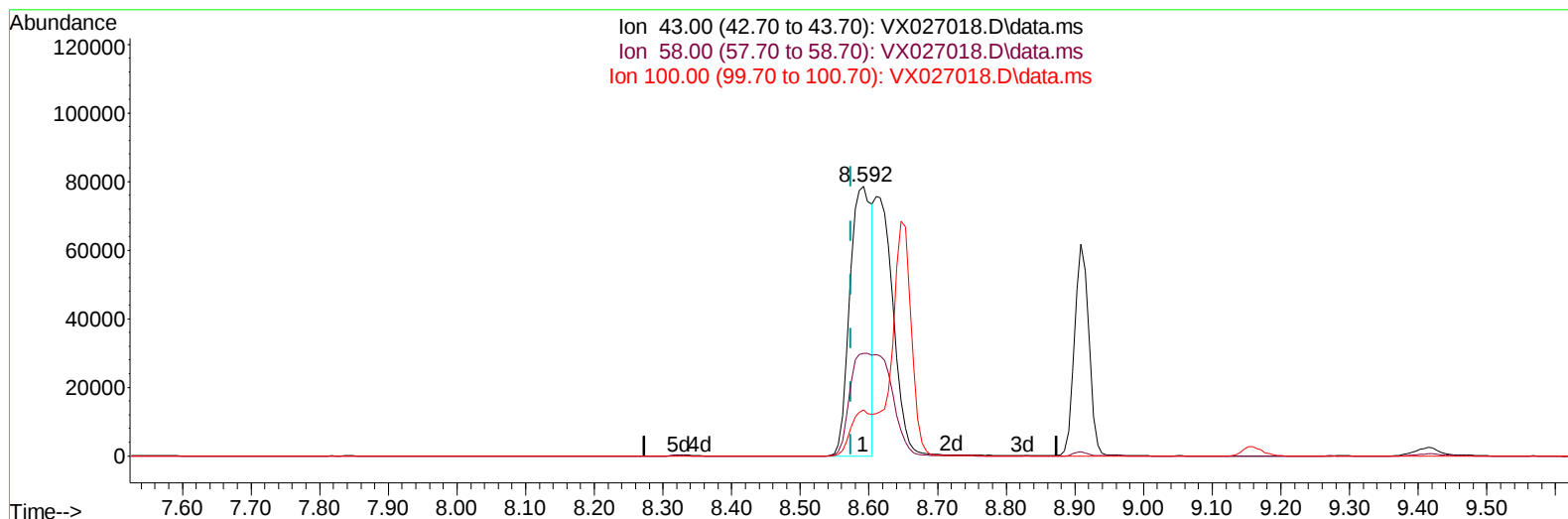
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021422\
 Data File : VX027018.D
 Acq On : 14 Feb 2022 17:03
 Operator : JC/MD
 Sample : N1486-06
 Misc : 5.00g/5.0mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 X3946

Manual IntegrationsAPPROVED

Quant Time: Feb 17 03:27:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM021422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 16 01:34:21 2022
 Response via : Initial Calibration

Reviewed By :John Carlone 02/15/2022
 Supervised By :Mahesh Dadoda 02/16/2022



TIC: VX027018.D\data.ms

(40) 4-Methyl-2-pentanone (T)

8.592min (+ 0.018) 128.75 ug/L

response 173919

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	38.80	39.00
100.00	16.20	16.10
0.00	0.00	0.00

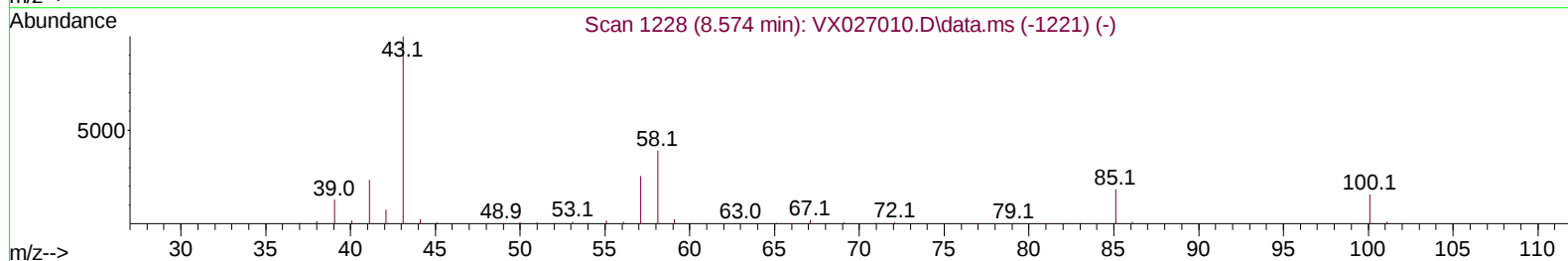
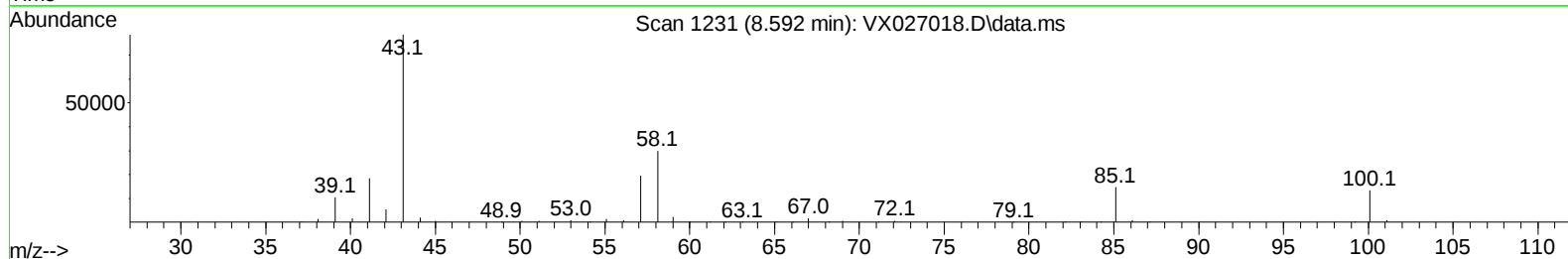
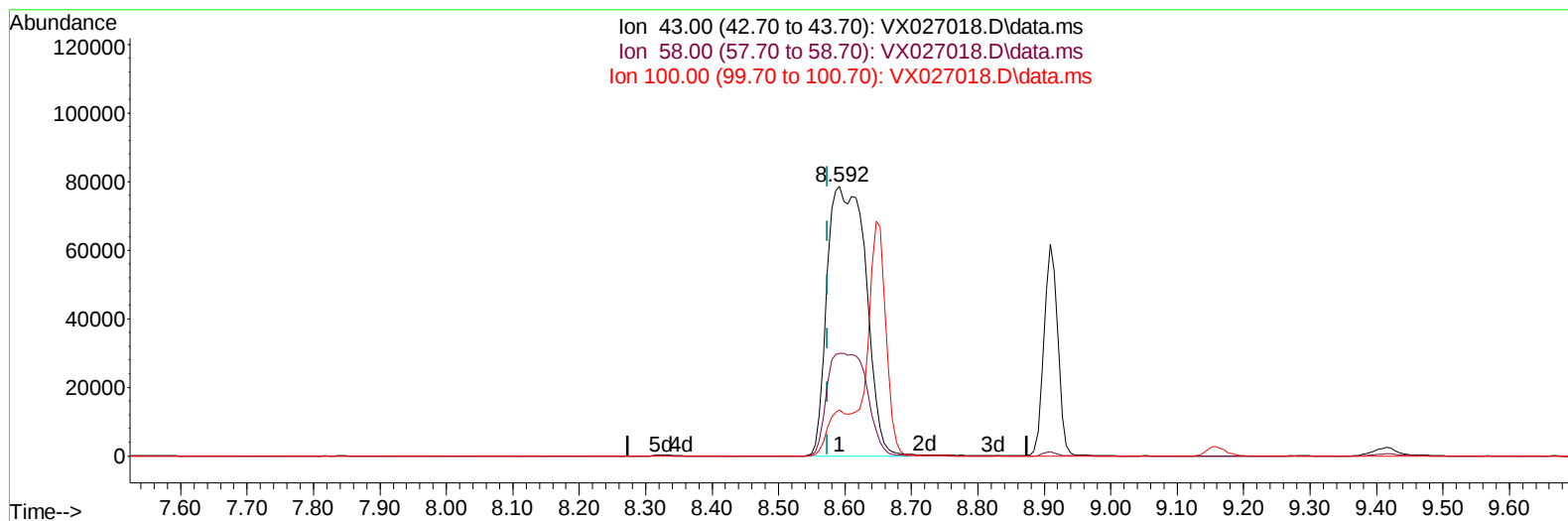
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Quant Time: Feb 15 05:21:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM021422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Feb 15 05:10:18 2022
 Response via : Initial Calibration

Reviewed By :John Carlone 02/15/2022
 Supervised By :Mahesh Dadoda 02/16/2022



TIC: VX027018.D\data.ms

(40) 4-Methyl-2-pentanone (T)

8.592min (+ 0.018) 234.35 ug/L m

response 316568

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	38.80	21.43#
100.00	16.20	8.85#
0.00	0.00	0.00

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	130196	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.061	117	116938	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	62519	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	44171	38.221	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	76.440%	
7) Chloroethane-d5	1.672	69	20120	27.133	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	54.260%#	
11) 1,1-Dichloroethene-d2	2.294	63	70305	31.727	ug/L	-0.02
Spiked Amount 50.000	Range 60	- 125	Recovery	=	63.460%	
21) 2-Butanone-d5	4.489	46	52240	65.077	ug/L	0.03
Spiked Amount 100.000	Range 40	- 130	Recovery	=	65.080%	
24) Chloroform-d	5.068	84	89930	41.438	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	82.880%	
26) 1,2-Dichloroethane-d4	5.958	65	58491	41.585	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	83.180%	
32) Benzene-d6	5.970	84	188256	44.689	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	89.380%	
36) 1,2-Dichloropropane-d6	7.306	67	56175	44.892	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	89.780%	
41) Toluene-d8	8.647	98	167917	43.566	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	87.140%	
43) trans-1,3-Dichloroprop...	8.952	79	21571	37.808	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	75.620%	
47) 2-Hexanone-d5	9.415	63	45918	84.879	ug/L	0.03
Spiked Amount 100.000	Range 45	- 130	Recovery	=	84.880%	
56) 1,1,2,2-Tetrachloroeth...	11.201	84	62950	42.567	ug/L	0.01
Spiked Amount 50.000	Range 65	- 120	Recovery	=	85.140%	
66) 1,2-Dichlorobenzene-d4	12.323	152	63097	44.430	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	88.860%	
Target Compounds						
					Qvalue	
6) Bromomethane	1.618	94	464	0.987	ug/L	77
13) Acetone	2.410	43	144745	214.252	ug/L	99
15) Methyl Acetate	2.727	43	2209	2.117	ug/L	95
16) Methylene chloride	2.788	84	178262	178.652	ug/L	97
19) 1,1-Dichloroethane	3.605	63	246324	143.278	ug/L	98
20) cis-1,2-Dichloroethene	4.489	96	57406	54.274	ug/L	99
23) Bromochloromethane	4.904	128	80330	148.725	ug/L	98
25) Chloroform	5.099	83	49245	26.777	ug/L	99
27) 1,2-Dichloroethane	6.092	62	159812	112.349	ug/L	99
30) 1,1,1-Trichloroethane	5.385	97	98852	64.961	ug/L	99
31) Carbon tetrachloride	5.672	117	102389	75.850	ug/L	98
34) Trichloroethene	7.123	95	68661	63.527	ug/L	98
37) 1,2-Dichloropropane	7.434	63	67217	70.733	ug/L	100
40) 4-Methyl-2-pentanone	8.592	43	316568m	234.353	ug/L	
45) 1,1,2-Trichloroethane	9.159	97	126076	135.688	ug/L	99
46) Tetrachloroethene	9.275	164	108189	135.194	ug/L	99
48) 2-Hexanone	9.415	43	6595	6.030	ug/L #	71
49) Dibromochloromethane	9.525	129	146350	143.622	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
50) 1,2-Dibromoethane	9.610	107	95694	98.104	ug/L	100
55) Styrene	10.659	104	155525	55.802	ug/L	94
60) Isopropylbenzene	10.963	105	198666	43.982	ug/L	100
64) 1,3-Dichlorobenzene	11.975	146	80705	40.165	ug/L	99
65) 1,4-Dichlorobenzene	12.049	146	140911	69.688	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	22041	76.542	ug/L	91
69) 1,3,5-Trichlorobenzene	13.116	180	155905	112.908	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	71327	58.509	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	1866	1.531	ug/L	92

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

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