

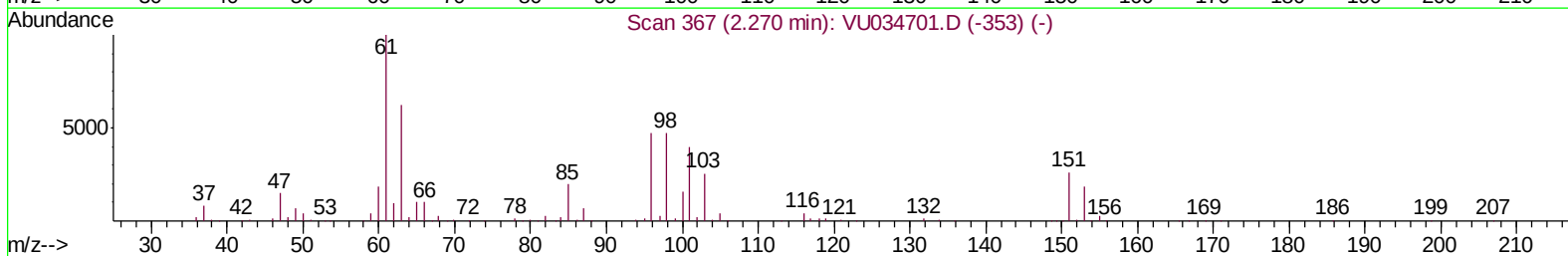
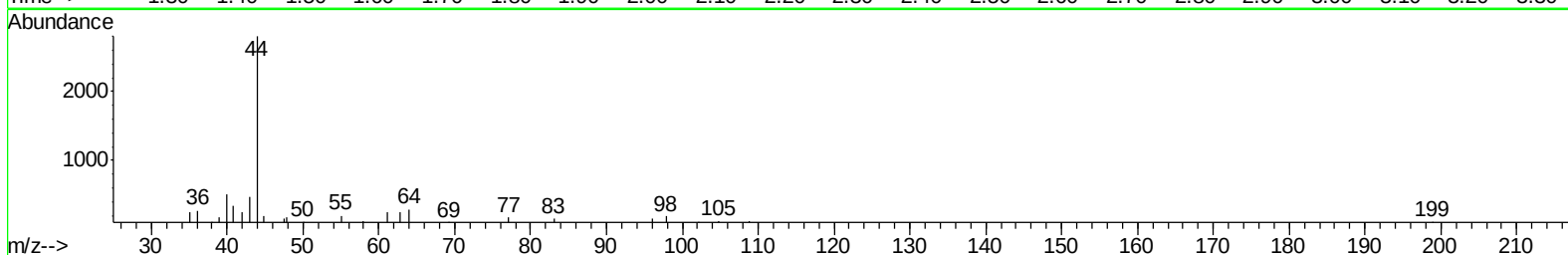
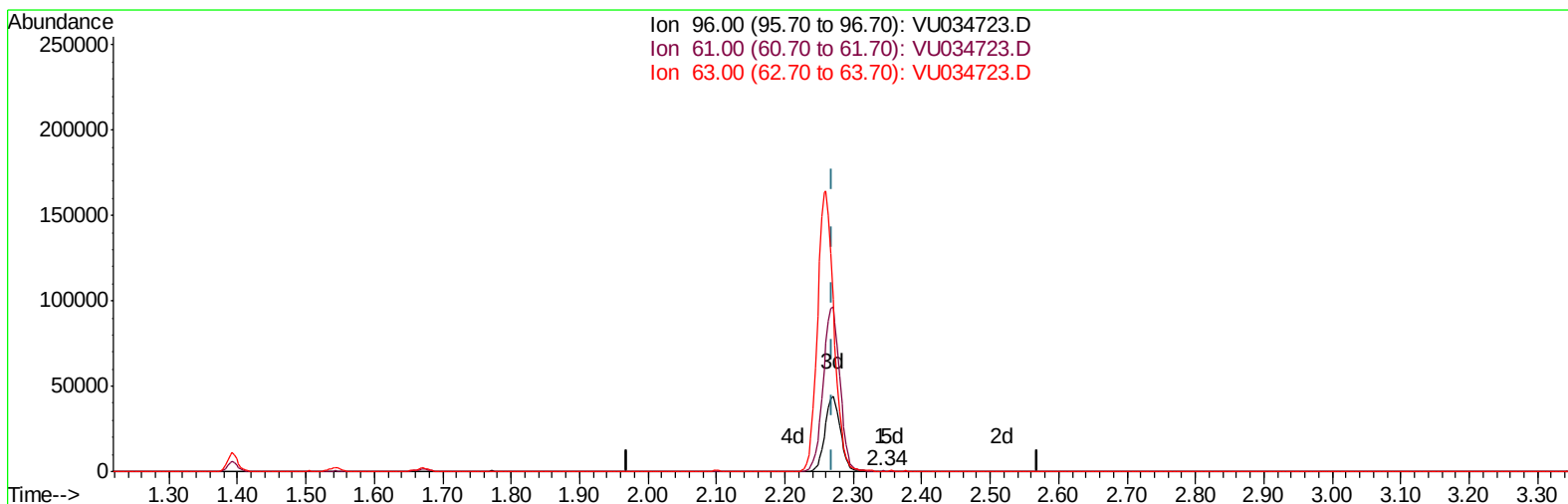
Data File : VU034723.D
Acq On : 21 Sep 2019 05:01
Operator : JC/SP
Sample : K4993-03MS
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETOH7

Manual Integrations
APPROVED

MMDadoda
9/23/2019 9:33:43 AM

Quant Time: Sep 21 05:33:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Sep 21 05:27:34 2019
Response via : Initial Calibration



TIC: VU034723.D

(12) 1,1-Dichloroethene (T)

2.341min (+0.071) 0.02ug/L

response 52

Ion	Exp%	Act%
96.00	100	100
61.00	218.80	165.56
63.00	162.50	160.93
0.00	0.00	0.00

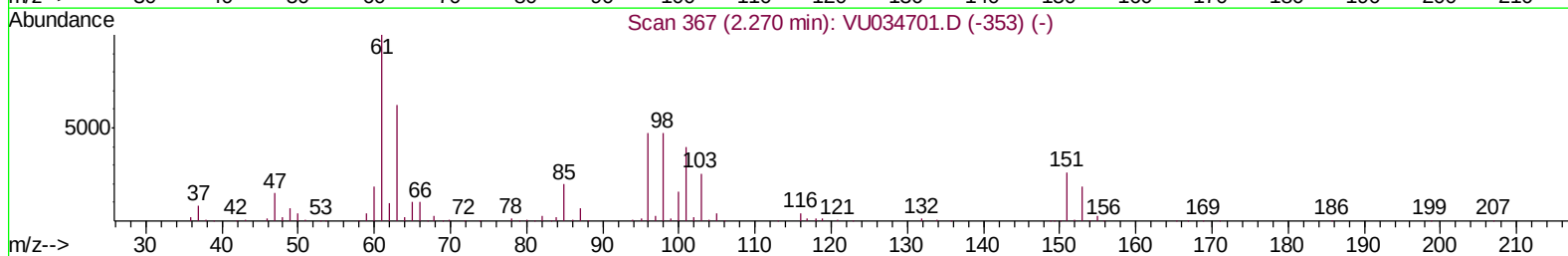
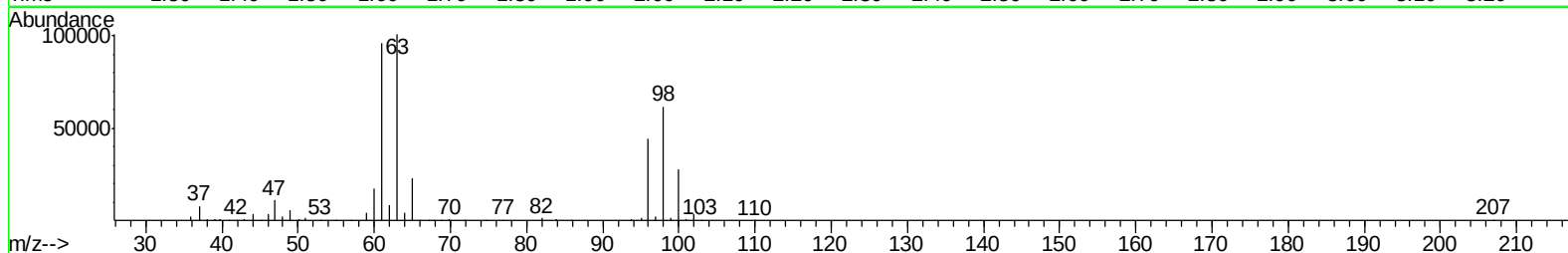
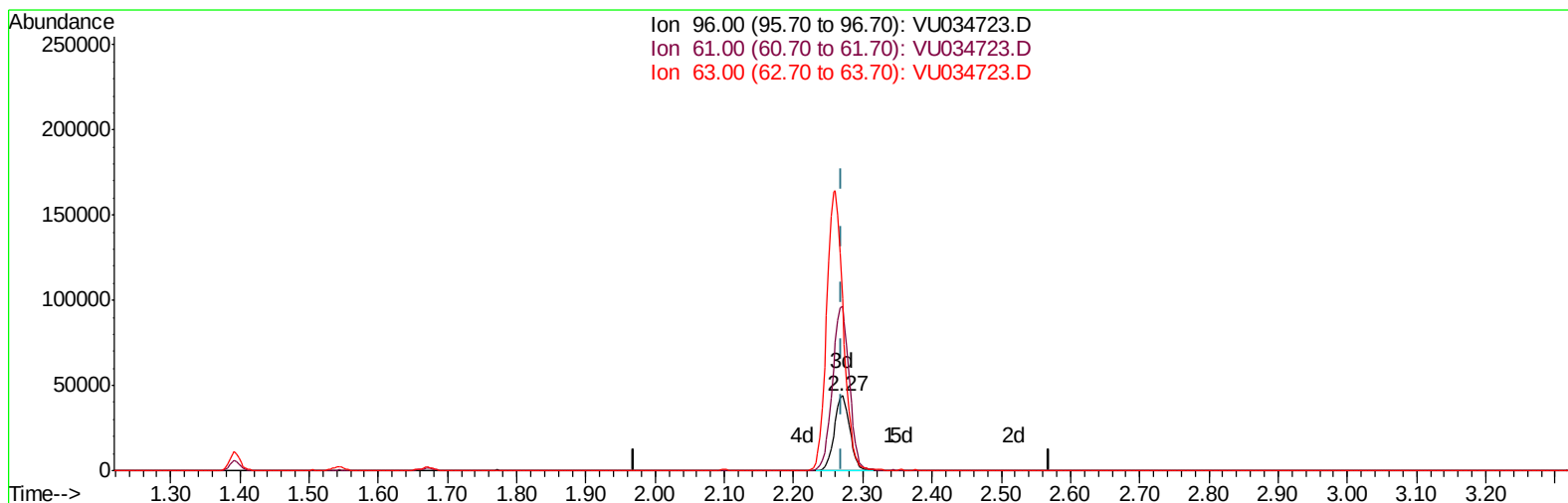
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TIC: VU034723.D

(12) 1,1-Dichloroethene (T)

2.270min (-0.000) 24.11ug/L m

response 68587

Ion	Exp%	Act%
96.00	100	100
61.00	218.80	218.56
63.00	162.50	229.08#
0.00	0.00	0.00

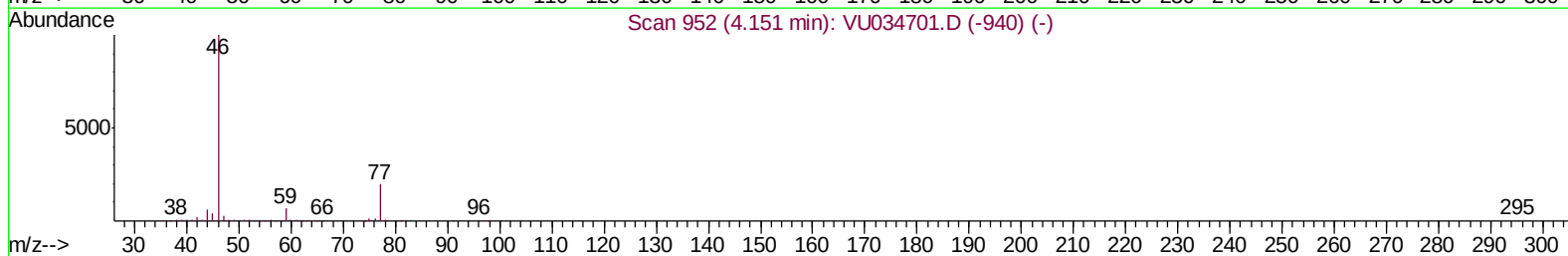
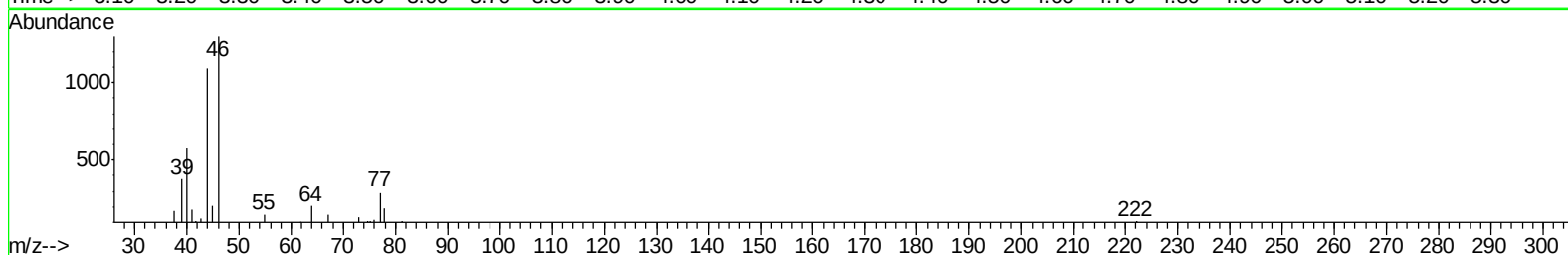
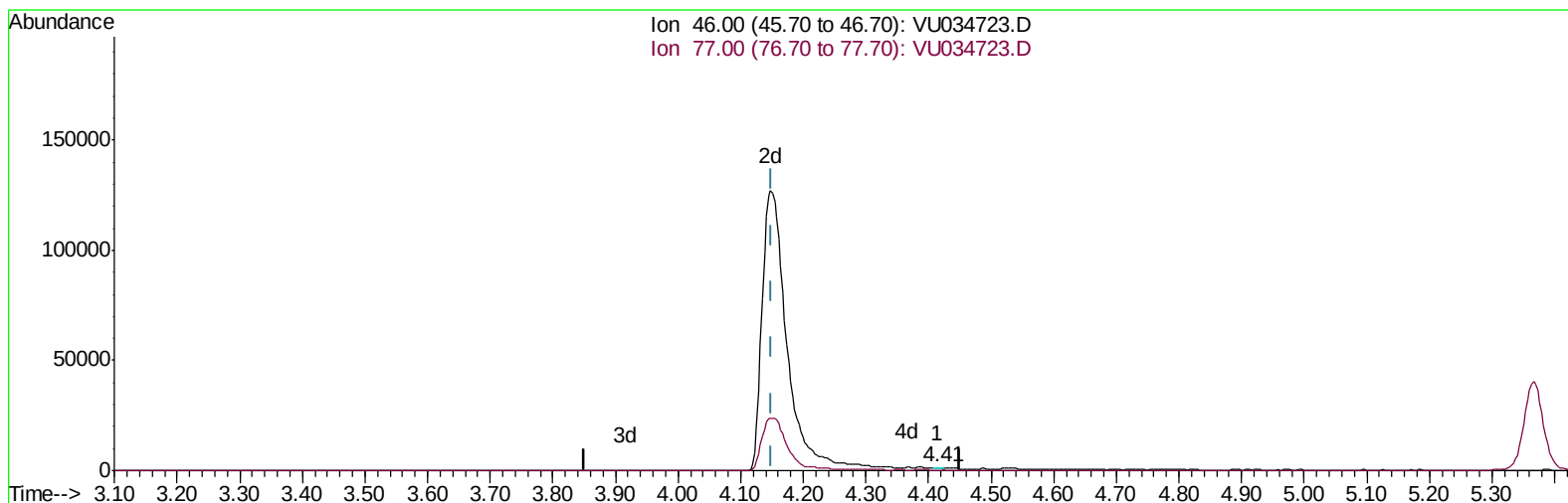
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ClientSampleId :
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TIC: VU034723.D

(21) 2-Butanone-d5 (S)

4.415min (+0.264) 0.05ug/L

response 184

Ion	Exp%	Act%
46.00	100	100
77.00	19.50	25.00
0.00	0.00	0.00
0.00	0.00	0.00

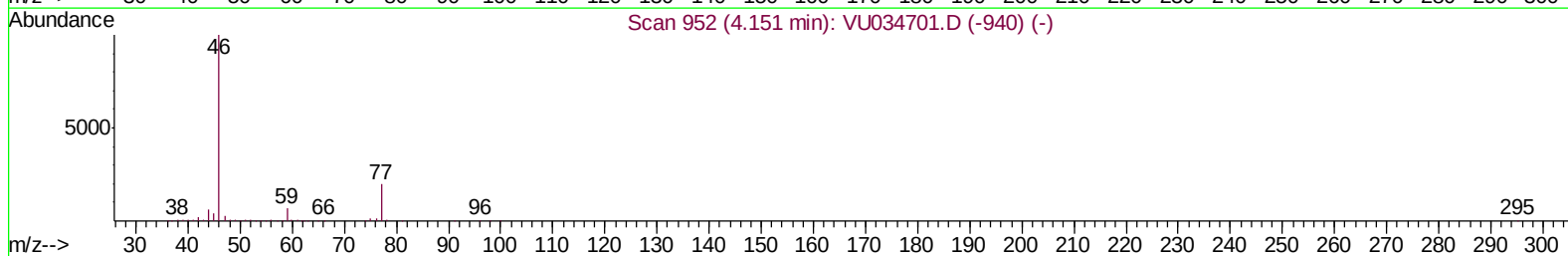
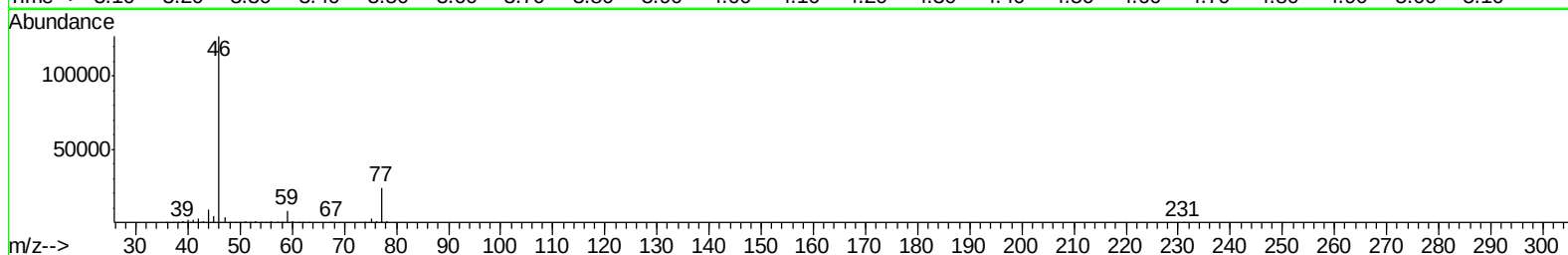
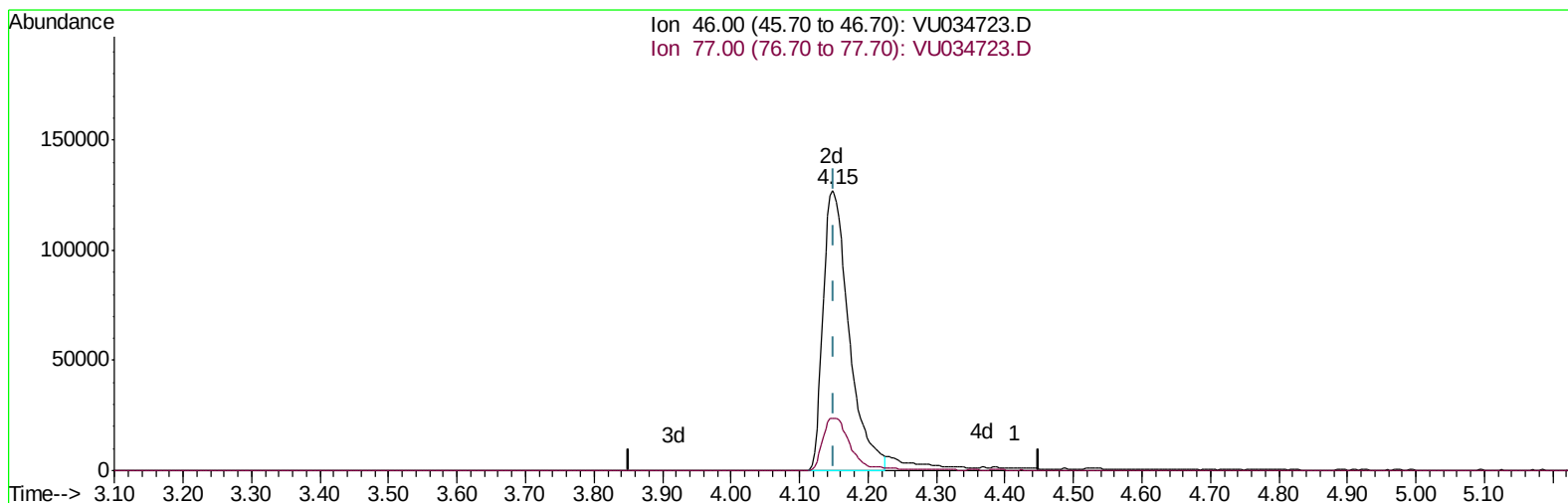
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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
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Quant Time: Sep 21 05:33:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
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TIC: VU034723.D

(21) 2-Butanone-d5 (S)
4.148min (-0.003) 98.18ug/L m
response 334909

Ion	Exp%	Act%
46.00	100	100
77.00	19.50	0.01#
0.00	0.00	0.00
0.00	0.00	0.00

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Manual Integrations
APPROVED

MMDadoda
9/23/2019 9:33:43 AM

Quant Time: Sep 21 07:02:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Sep 21 05:27:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	434755	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	412423	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	176604	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	161171	36.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.42%
7) Chloroethane-d5	1.67	69	142851	41.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.06%
11) 1,1-Dichloroethene-d2	2.26	63	274999	36.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.98%
21) 2-Butanone-d5	4.15	46	334909m	98.18	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.18%
24) Chloroform-d	4.62	84	310552	48.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	5.29	65	230419	48.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.88%
32) Benzene-d6	5.32	84	608945	47.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.28%
36) 1,2-Dichloropropane-d6	6.31	67	214699	48.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.10%
41) Toluene-d8	7.54	98	562558	46.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.52%
43) trans-1,3-Dichloropropene-	7.83	79	89934	42.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.06%
47) 2-Hexanone-d5	8.29	63	212275	94.59	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.59%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	293589	47.36	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.72%
64) 1,2-Dichlorobenzene-d4	11.84	152	180848	48.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.66%

Target Compounds					Qvalue
12) 1,1-Dichloroethene	2.27	96	68587m	24.113	ug/L
33) Benzene	5.37	78	347965	24.327	ug/L 100
34) Trichloroethene	6.16	95	83812	23.725	ug/L 96
42) Toluene	7.61	91	374472	24.224	ug/L 97
51) Chlorobenzene	9.10	112	229272	24.398	ug/L 99

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

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