Quantitation Report (Qedit)

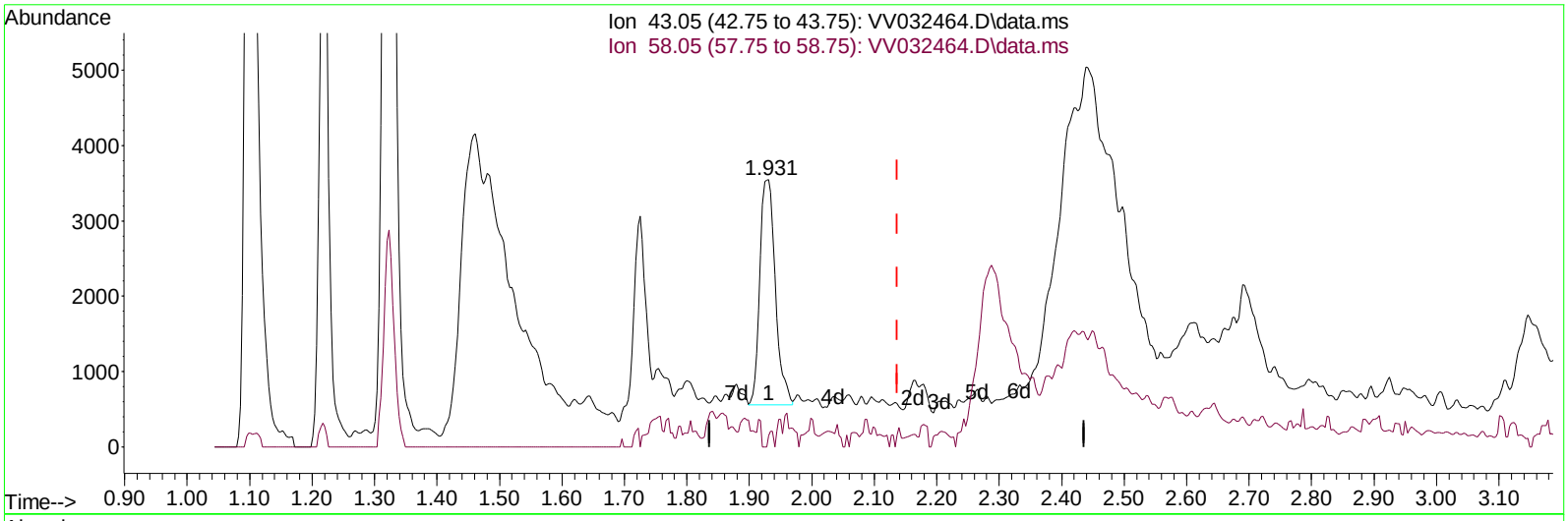
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101823\
Data File : VV032464.D
Acq On : 18 Oct 2023 12:18
Operator : SY/MD
Sample : 04903-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

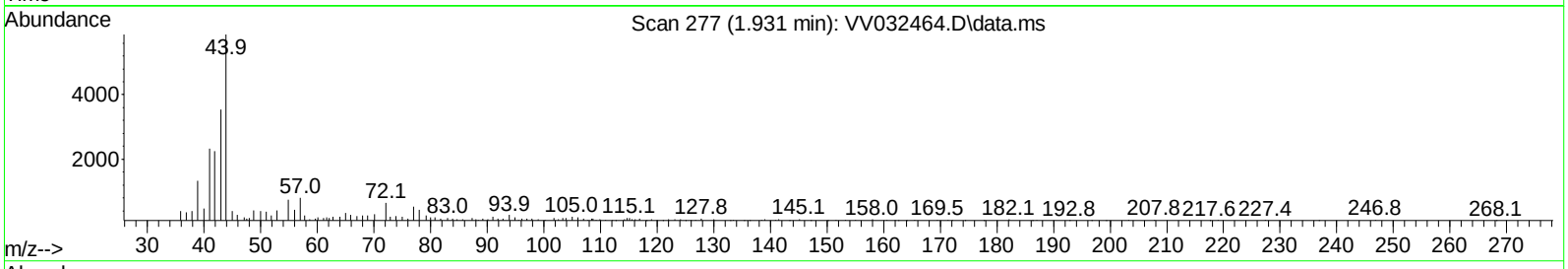
Quant Time: Oct 19 04:28:04 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Oct 19 04:26:22 2023
Response via : Initial Calibration

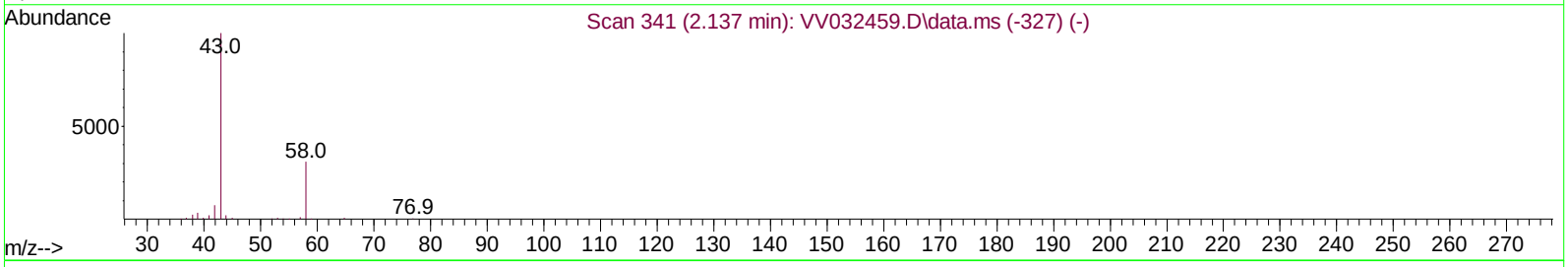
Instrument :
MSVOA_V
ClientSampleId :
C0AE7

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/20/2023







TIC: VV032464.D\data.ms

(13) Acetone (T)

1.931min (-0.206) 3.15 ug/L

response 5151

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	33.00	7.44
0.00	0.00	0.00
0.00	0.00	0.00

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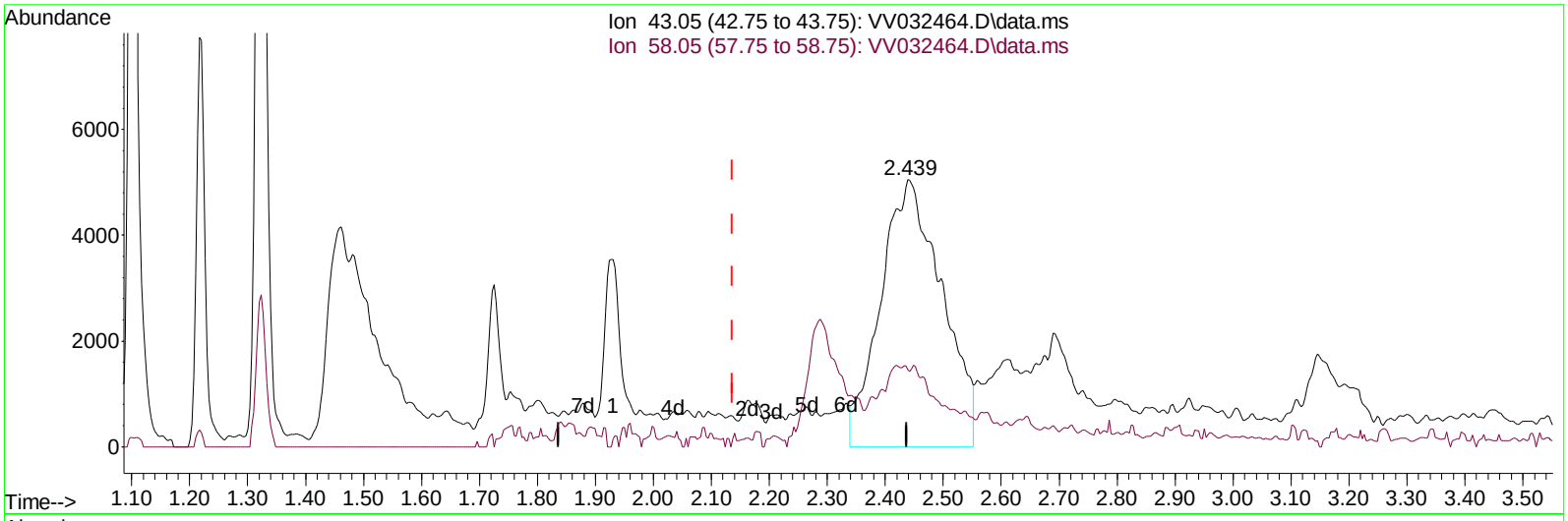

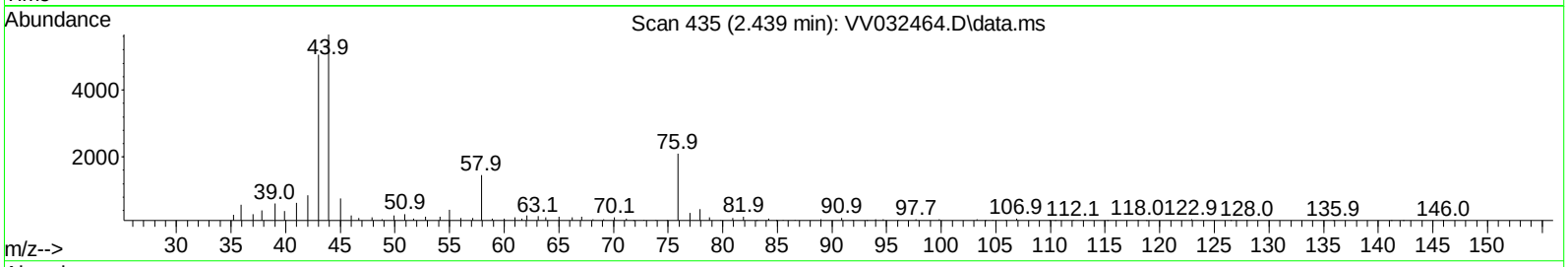

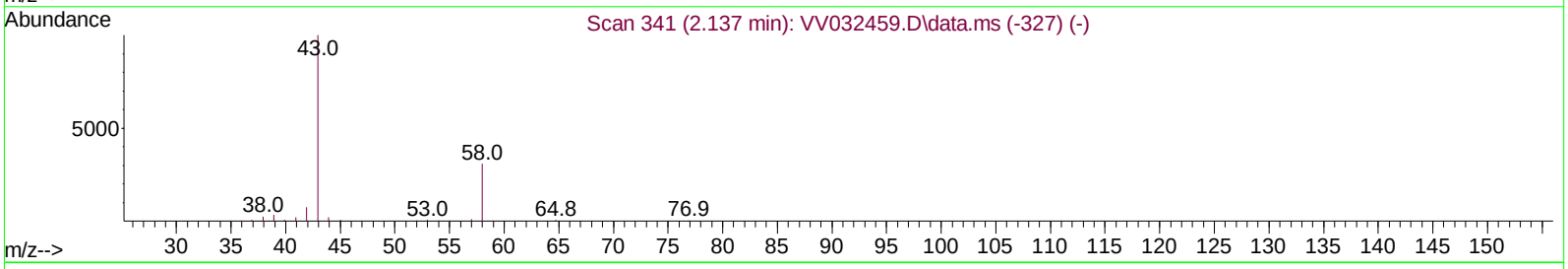

TIC: VV032464.D\data.ms

(13) Acetone (T)

2.439min (+ 0.302) 22.64 ug/L m

response 37053

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	33.00	1.03
0.00	0.00	0.00
0.00	0.00	0.00

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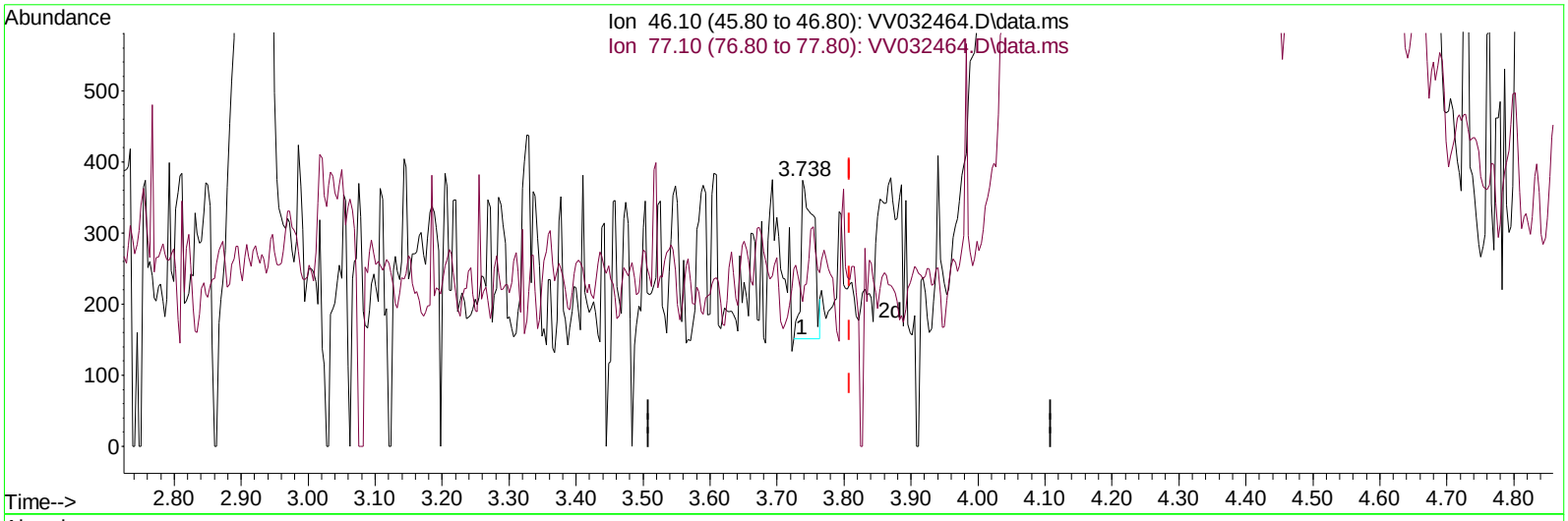

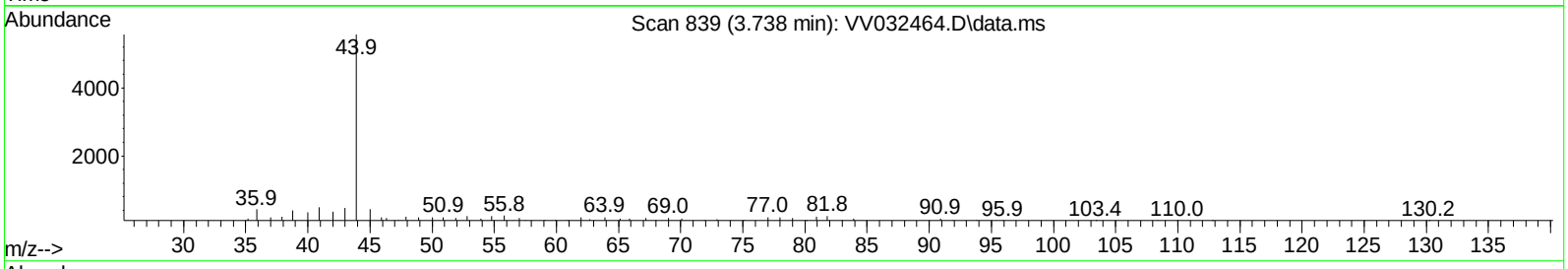

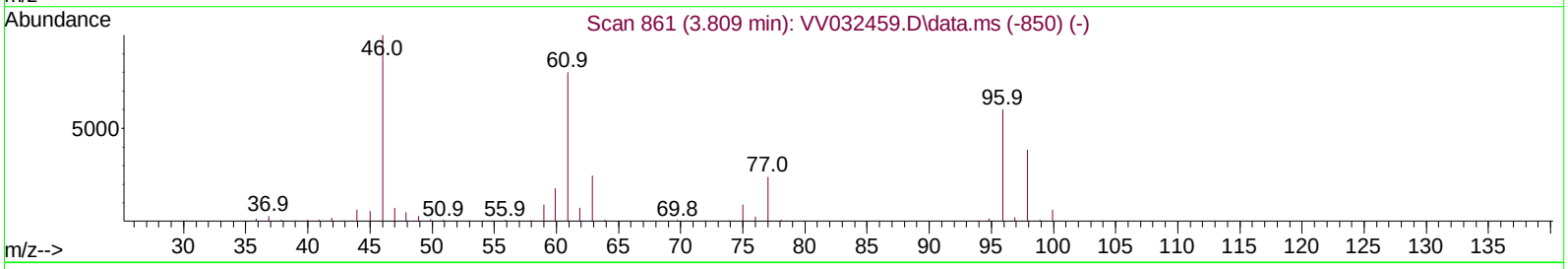

TIC: VV032464.D\data.ms

(20) 2-Butanone-d5 (S)

3.738min (-0.071) 0.14 ug/L

response 287

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	21.30	26.48
0.00	0.00	0.00
0.00	0.00	0.00

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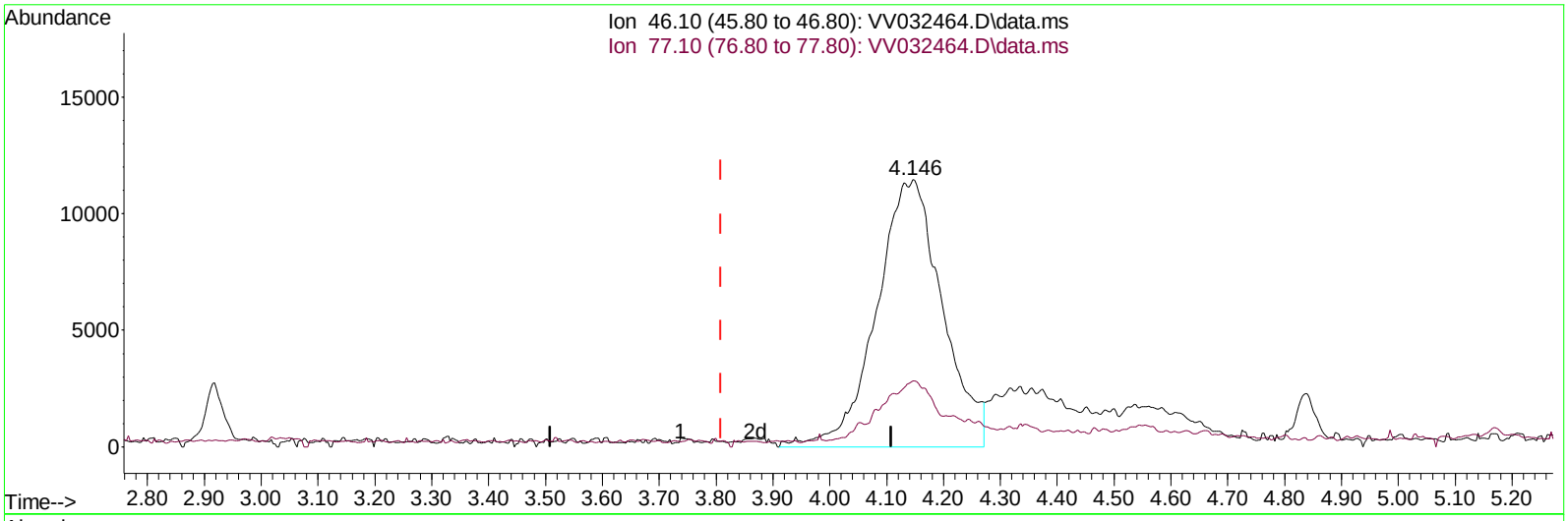

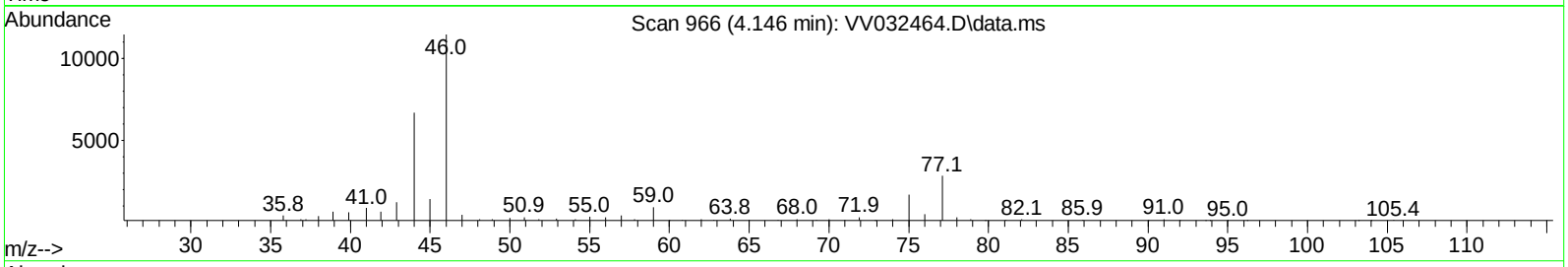

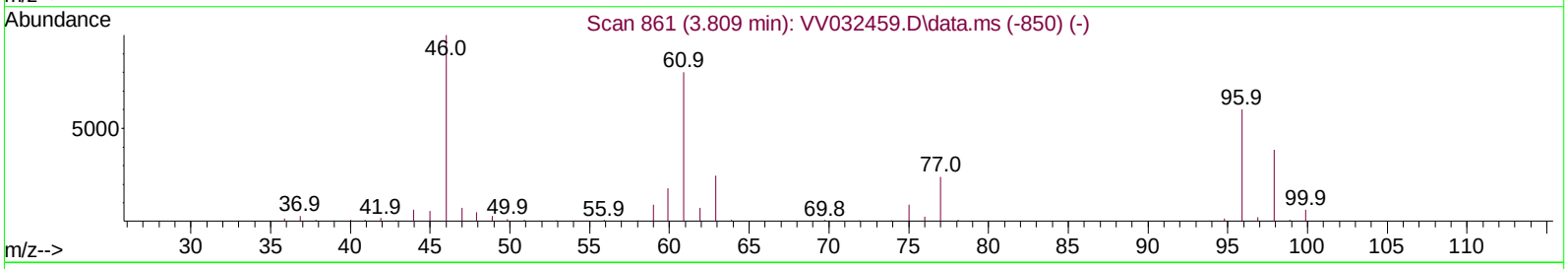

TIC: VV032464.D\data.ms

(20) 2-Butanone-d5 (S)

4.146min (+ 0.338) 43.40 ug/L m

response 92182

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	21.30	0.08#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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ClientSampleId :
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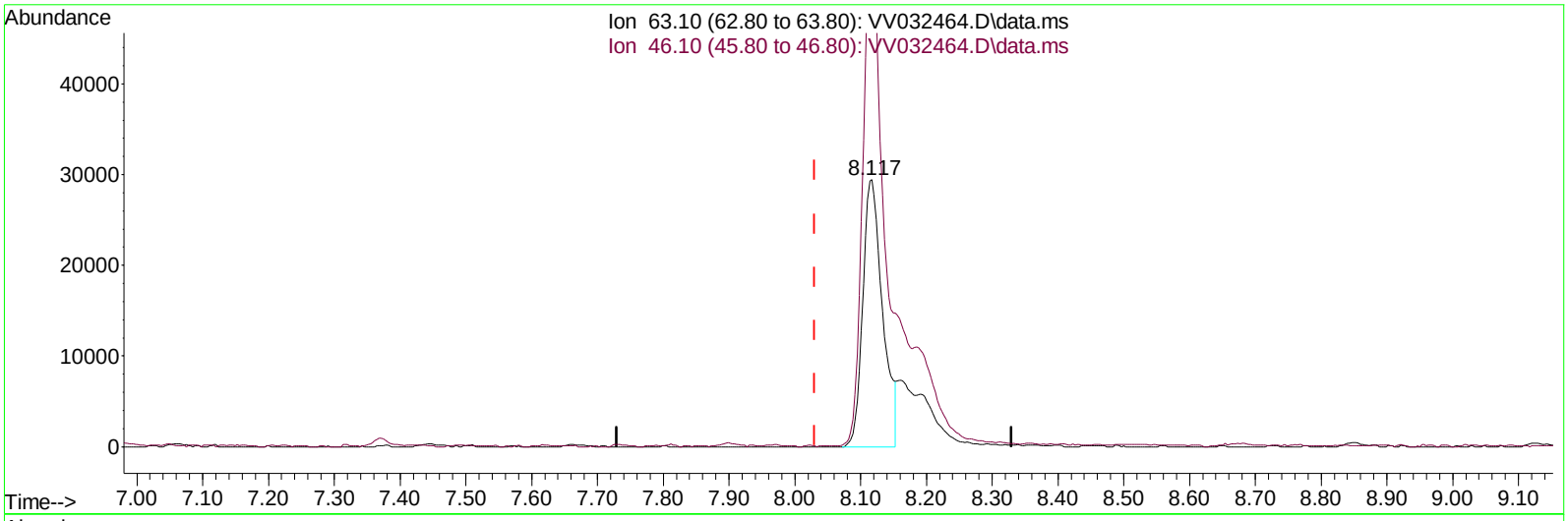

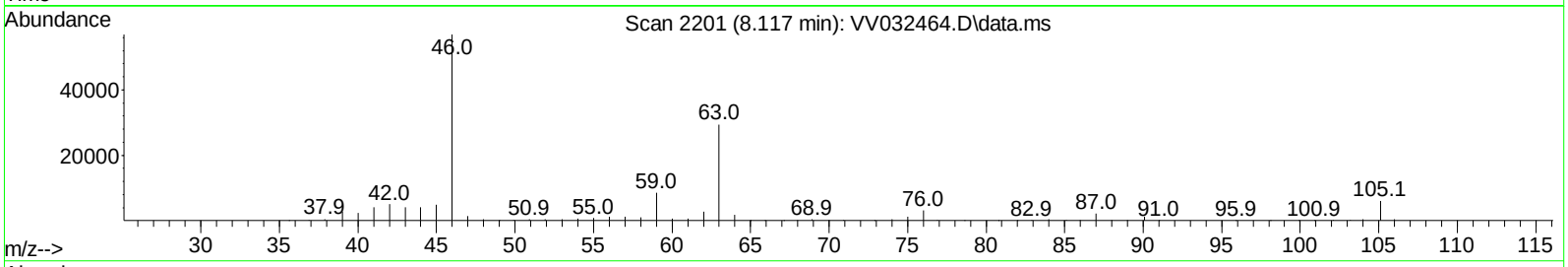

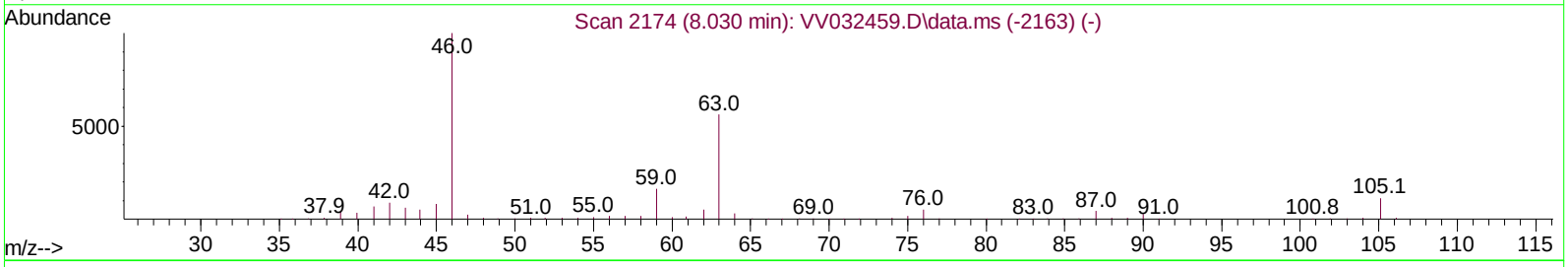

TIC: VV032464.D\data.ms

(46) 2-Hexanone-d5 (S)

8.117min (+ 0.087) 34.28 ug/L

response 61758

Ion	Exp%	Act%
63.10	100.00	100.00
46.10	174.40	220.86
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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Instrument :
MSVOA_V
ClientSampleId :
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Manual IntegrationsAPPROVED

Reviewed By :John Carlone 10/19/2023
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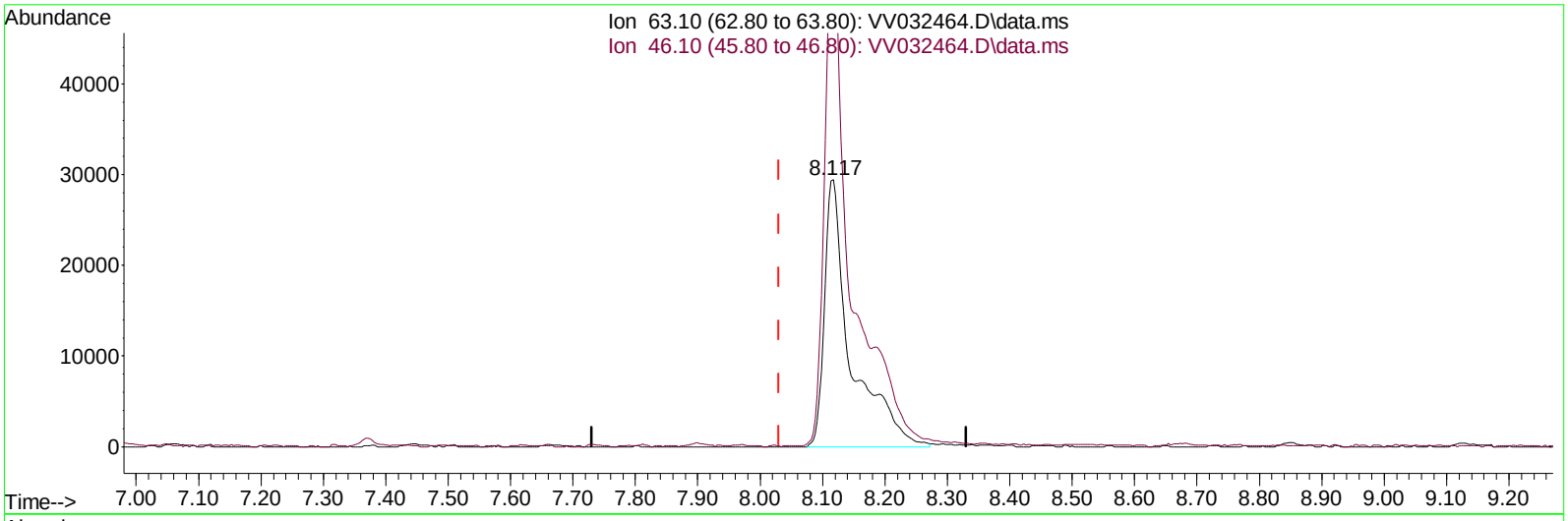

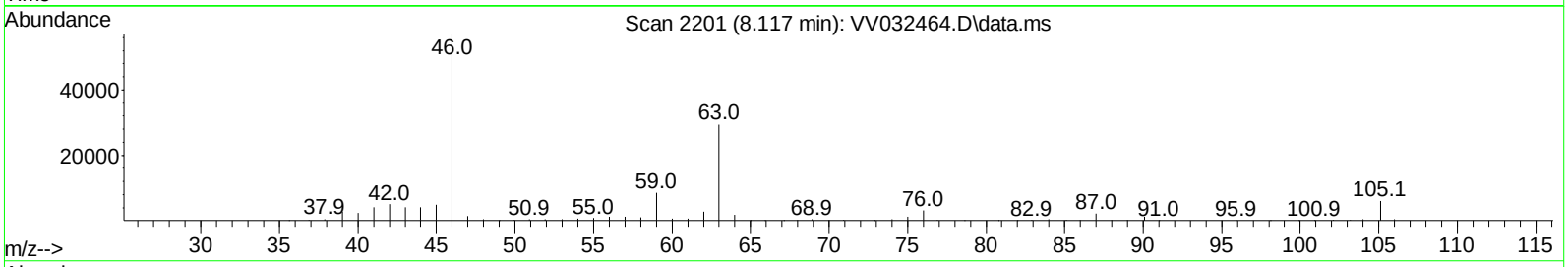

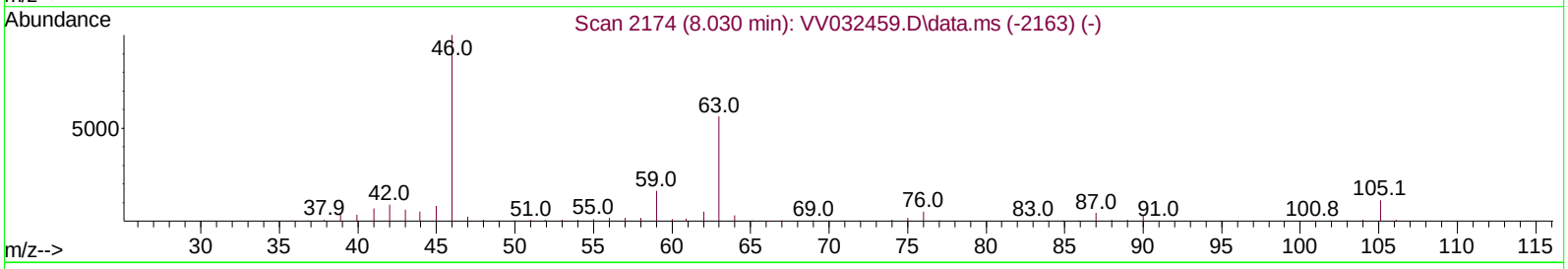

TIC: VV032464.D\data.ms

(46) 2-Hexanone-d5 (S)

8.117min (+ 0.087) 48.02 ug/L m

response 86513

Ion	Exp%	Act%
63.10	100.00	100.00
46.10	174.40	157.66
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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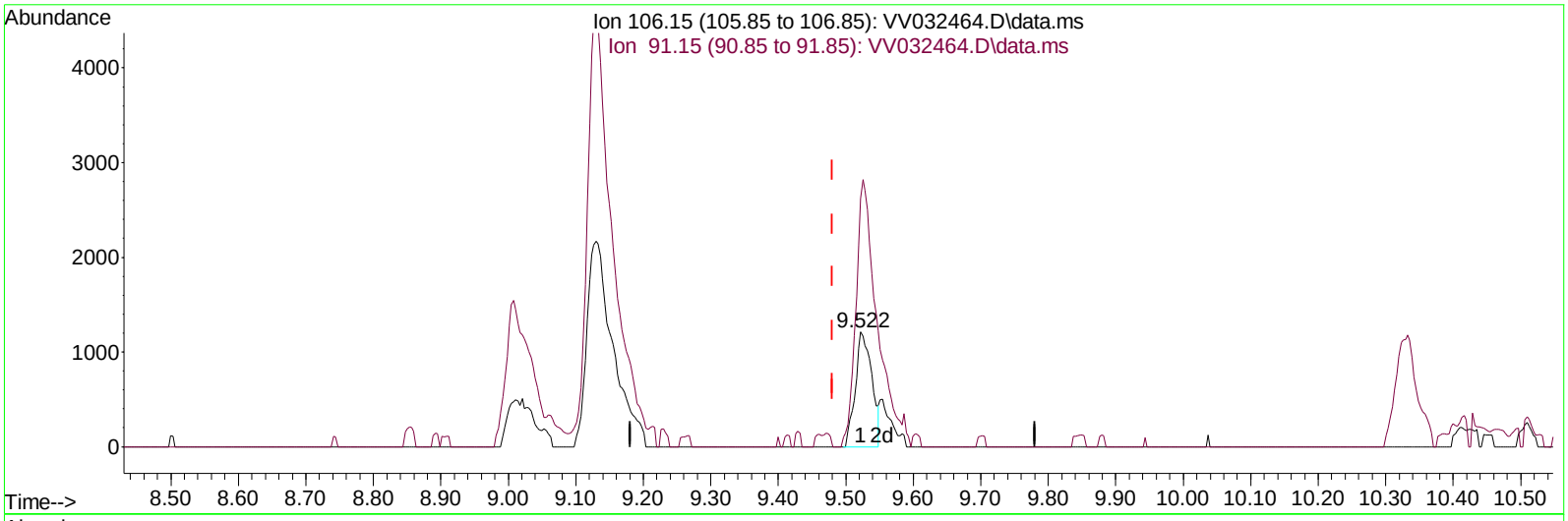

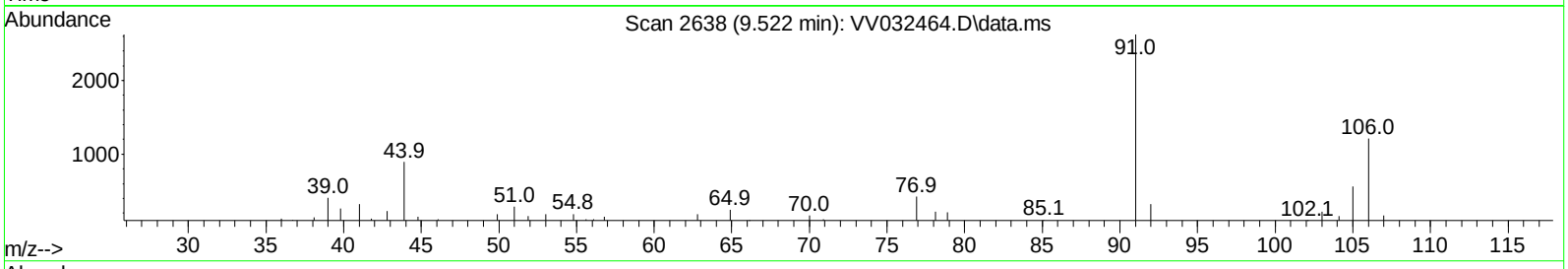

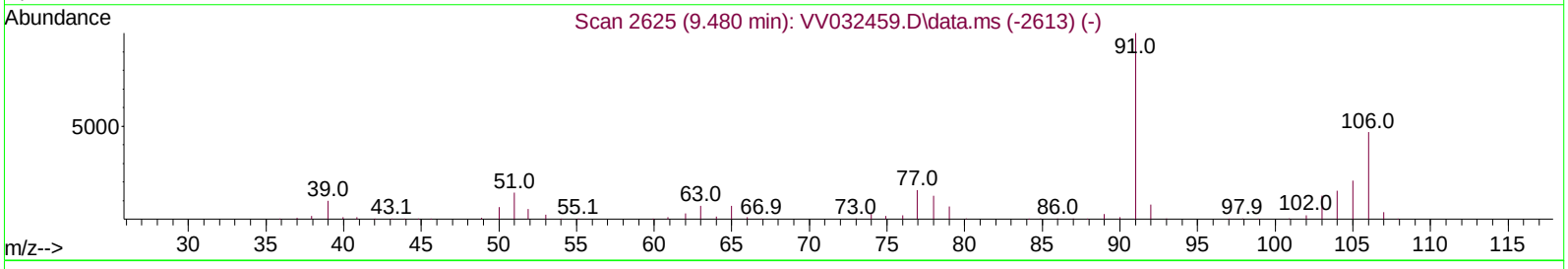

TIC: VV032464.D\data.ms

(54) o-Xylene (T)

9.522min (+ 0.042) 0.12 ug/L

response 2063

Ion	Exp%	Act%
106.15	100.00	100.00
91.15	221.10	216.42
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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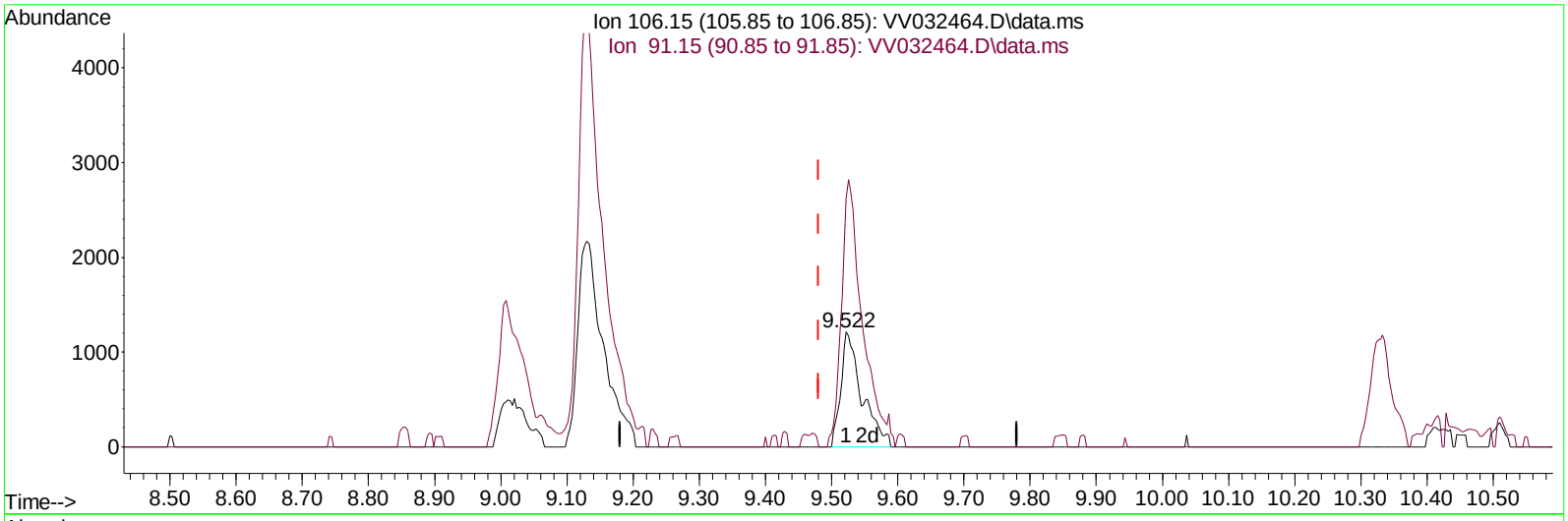

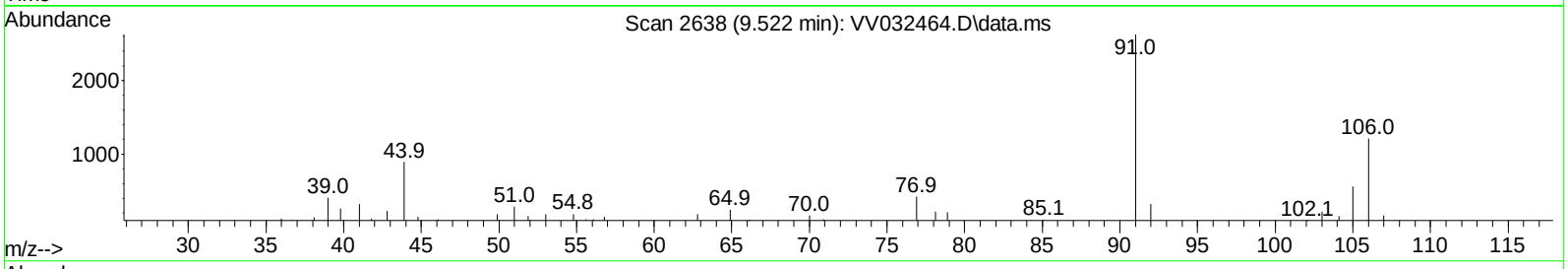

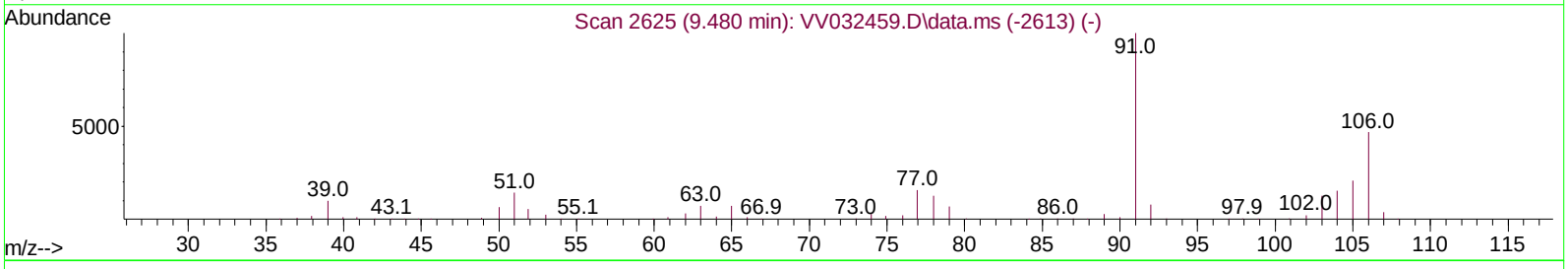

TIC: VV032464.D\data.ms

(54) o-Xylene (T)

9.522min (+ 0.042) 0.16 ug/L m

response 2680

Ion	Exp%	Act%
106.15	100.00	100.00
91.15	221.10	216.42
0.00	0.00	0.00
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	5.667	114	103230	5.000	ug/L	0.13
28) Chlorobenzene-d5	8.847	117	110831	5.000	ug/L	0.06
58) 1,4-Dichlorobenzene-d4	11.207	152	55268	5.000	ug/L	0.02
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.323	65	51835	6.174	ug/L	0.04
Spiked Amount 5.000	Range 40 - 130		Recovery = 123.400%			
7) Chloroethane-d5	1.645	69	42017	6.165	ug/L	0.11
Spiked Amount 5.000	Range 65 - 130		Recovery = 123.400%			
11) 1,1-Dichloroethene-d2	2.265	65	21681	6.123	ug/L	0.21
Spiked Amount 5.000	Range 60 - 125		Recovery = 122.400%			
20) 2-Butanone-d5	4.146	46	92182m	43.404	ug/L	0.34
Spiked Amount 50.000	Range 40 - 130		Recovery = 86.800%			
24) Chloroform-d	4.484	84	82561	5.574	ug/L	0.23
Spiked Amount 5.000	Range 70 - 125		Recovery = 111.400%			
26) 1,2-Dichloroethane-d4	5.120	65	46733	6.661	ug/L	0.18
Spiked Amount 5.000	Range 70 - 130		Recovery = 133.200%#			
32) Benzene-d6	5.124	84	160220	4.913	ug/L	0.16
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.200%			
36) 1,2-Dichloropropane-d6	6.217	67	44406	4.110	ug/L	0.23
Spiked Amount 5.000	Range 60 - 140		Recovery = 82.200%			
41) Toluene-d8	7.371	98	112062	3.758	ug/L	0.13
Spiked Amount 5.000	Range 70 - 130		Recovery = 75.200%			
43) trans-1,3-Dichloroprop...	7.661	79	14059	3.672	ug/L	0.10
Spiked Amount 5.000	Range 55 - 130		Recovery = 73.400%			
46) 2-Hexanone-d5	8.117	63	86513m	48.023	ug/L	0.09
Spiked Amount 50.000	Range 45 - 130		Recovery = 96.040%			
56) 1,1,2,2-Tetrachloroeth...	10.185	84	35319	4.673	ug/L	0.03
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.400%			
66) 1,2-Dichlorobenzene-d4	11.577	152	50740	4.947	ug/L	0.01
Spiked Amount 5.000	Range 80 - 120		Recovery = 99.000%			
Target Compounds						Qvalue
13) Acetone	2.439	43	37053m	22.636	ug/L	
14) Carbon disulfide	2.458	76	19666	0.743	ug/L	99
47) Tetrachloroethene	7.998	164	5222	0.646	ug/L	95
52) Ethylbenzene	9.008	91	3896	0.084	ug/L	99
53) m,p-Xylene	9.130	106	5807	0.338	ug/L	92
54) o-Xylene	9.522	106	2680m	0.162	ug/L	
63) 1,2,4-Trimethylbenzene	10.879	105	8883	0.255	ug/L	91

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

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