

Quantitation Report (QT Reviewed)

Quant Time: Sep 02 02:58:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090119WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Sep 02 02:48:11 2019
Response via : Initial Calibration

Manual Integrations APPROVED

MMDadoda



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV090119\

Quantitation Report (Qedit)

Data File : VV012502.D

Acq On : 01 Sep 2019 11:46

Operator : SY/MD

Sample : VSTD00562

Misc : 5mL/MSVOA_V/WATER

ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 02 02:50:48 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090119WMA.M

Quant Title : VOC Analysis

QLast Update : Mon Sep 02 02:48:11 2019

Response via : Initial Calibration

Instrument :

MSVOA_V

ClientSampleId :

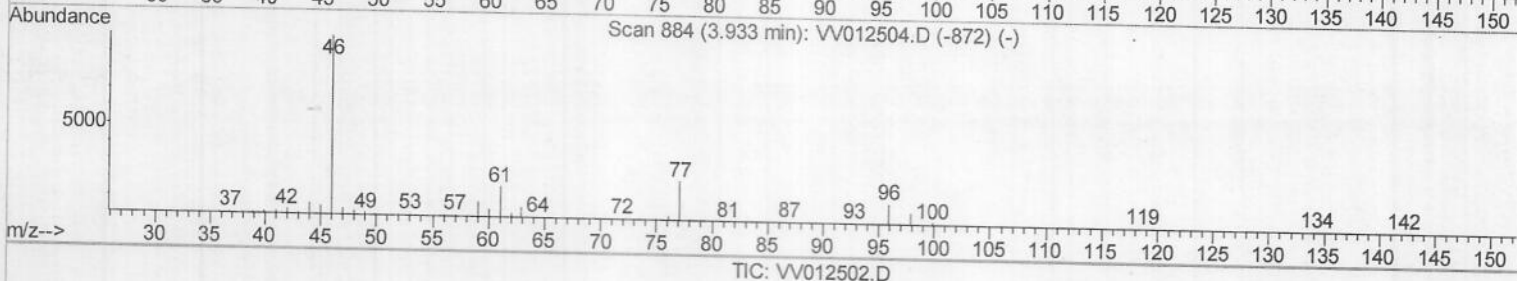
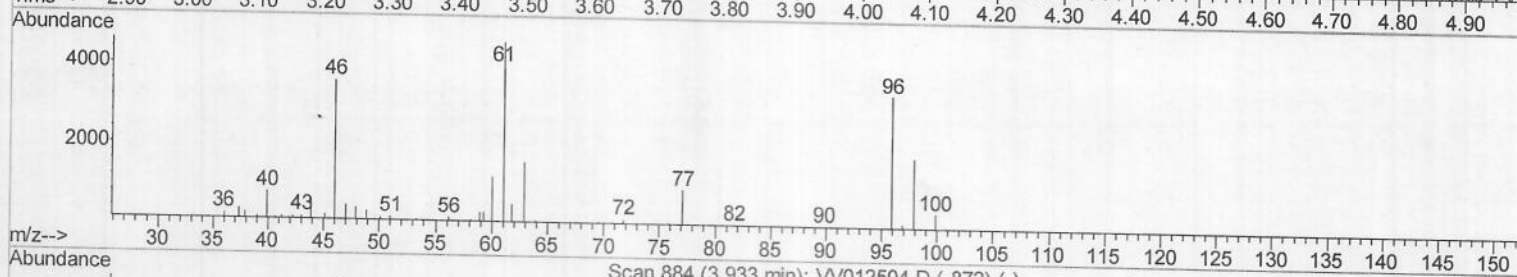
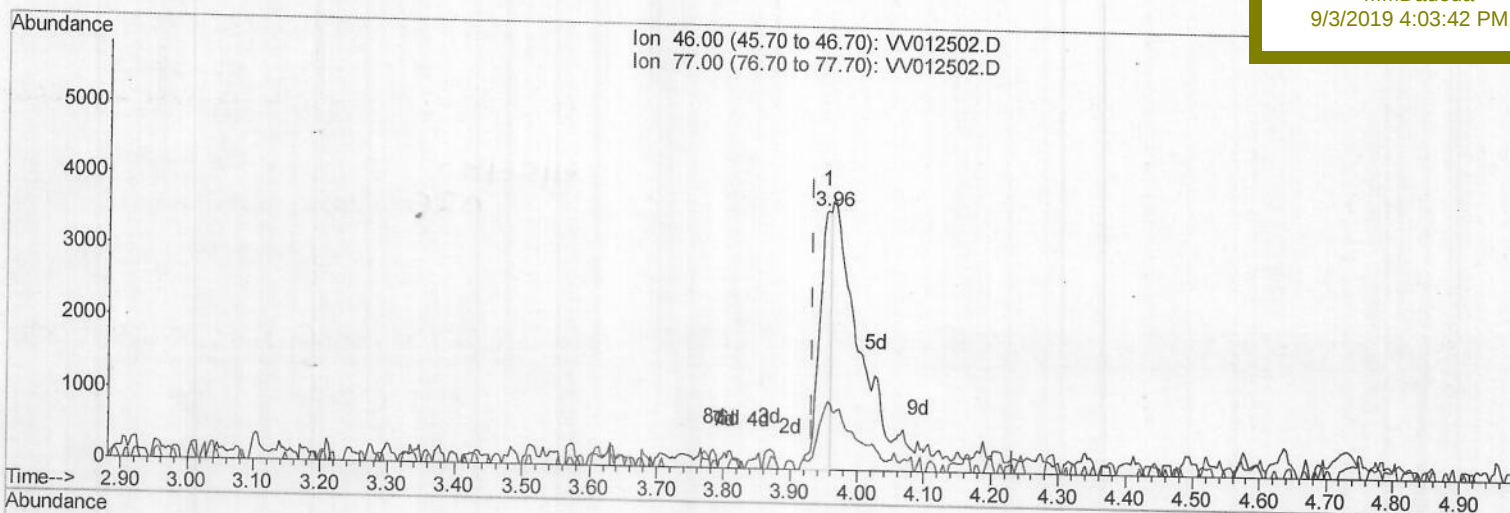
VSTD00562

Manual Integrations

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9/3/2019 4:03:42 PM



TIC: VV012502.D

(21) 2-Butanone-d5 (S)

3.955min (+0.023) 2.66ug/L

response 4407

Ion	Exp%	Act%
46.00	100	100
77.00	22.10	26.78
0.00	0.00	0.00
0.00	0.00	0.00

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ClientSampleId :

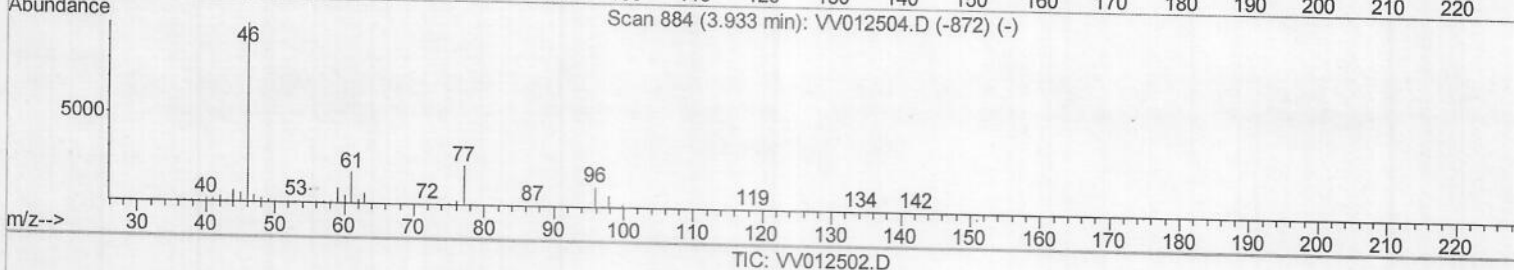
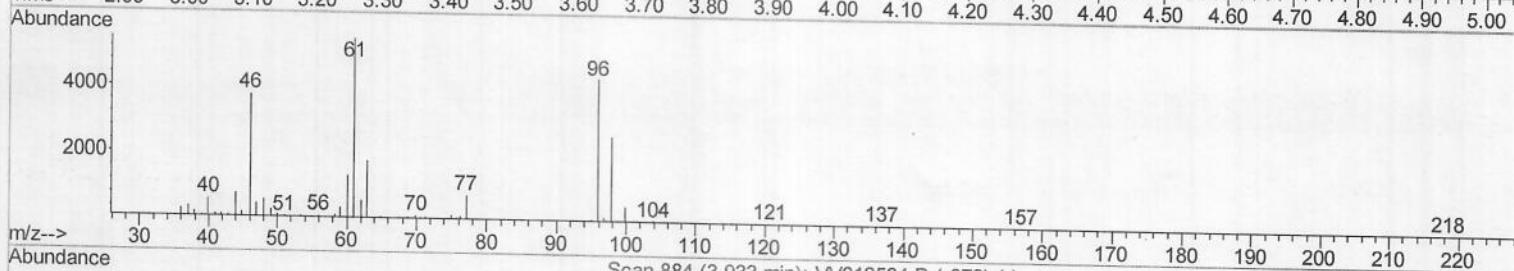
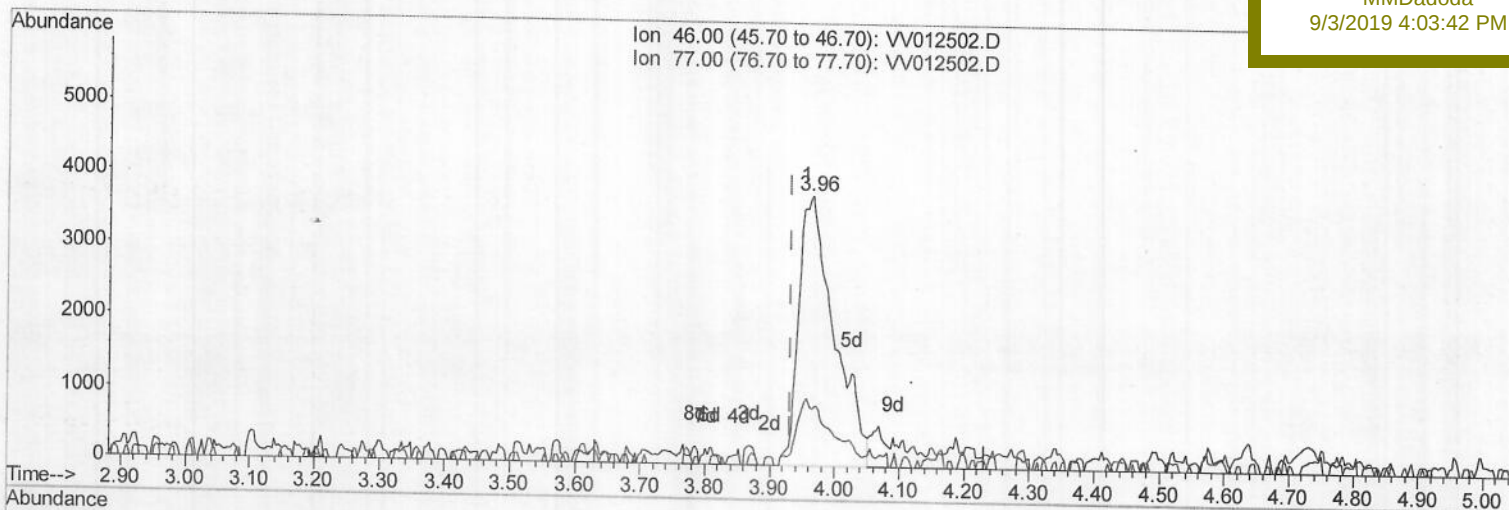
VSTD00562

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(21) 2-Butanone-d5 (S)

3.965min (+0.032) 8.76ug/L m) MD 09/07/19

response 14488

Ion	Exp%	Act%
46.00	100	100
77.00	22.10	8.14#
0.00	0.00	0.00
0.00	0.00	0.00

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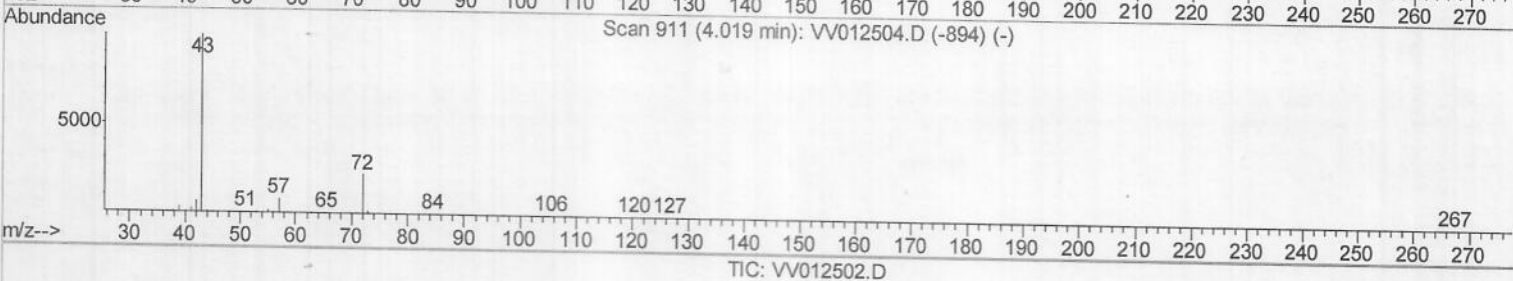
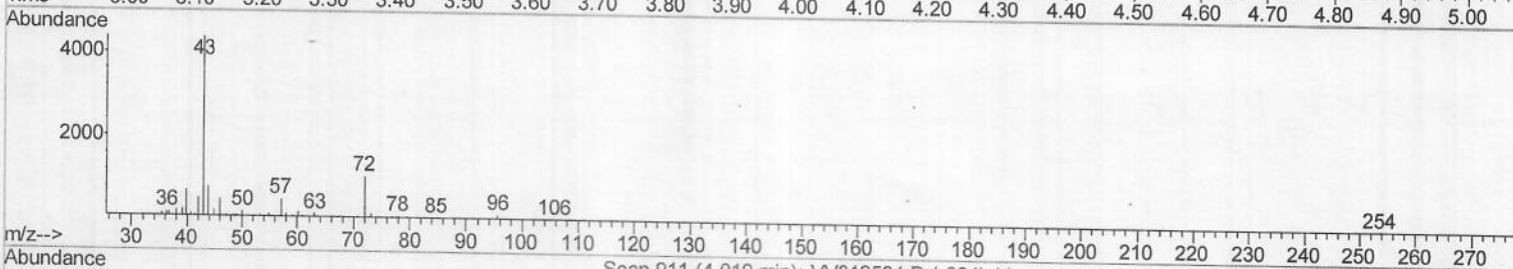
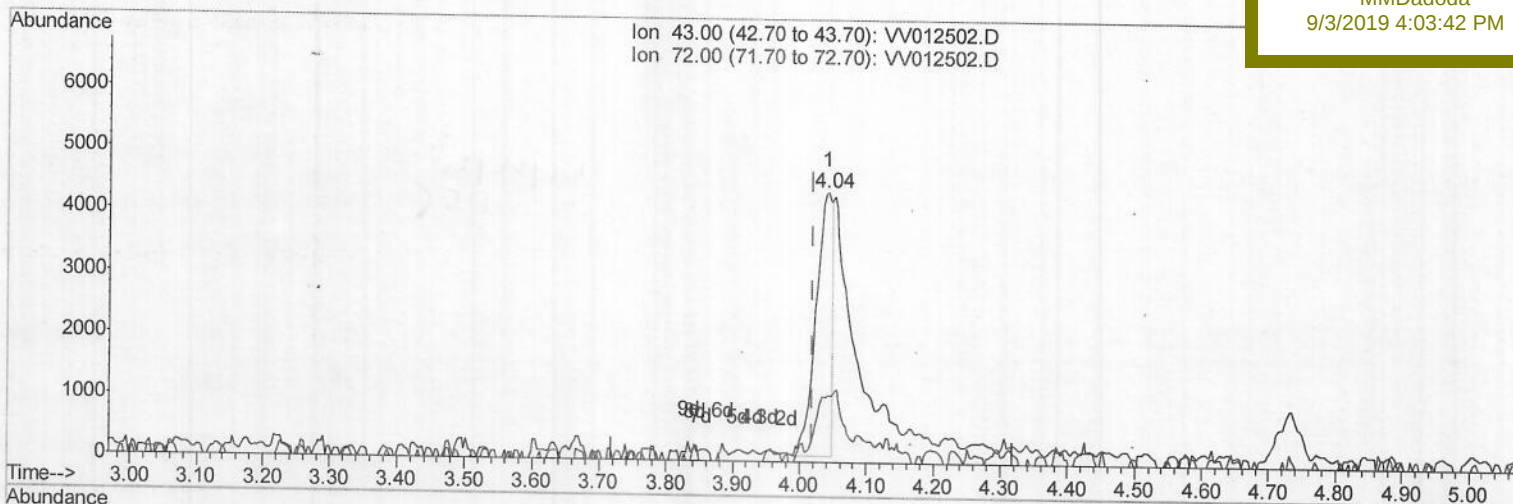
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(22) 2-Butanone (T)

4.042min (+0.023) 3.88ug/L

response 7448

Ion	Exp%	Act%
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43.00	100	100
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72.00	21.80	2.89#
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0.00	0.00	0.00
------	------	------

0.00	0.00	0.00
------	------	------

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Misc : 5mL/MSVOA_V/WATER

ALS Vial : 3 Sample Multiplier: 1

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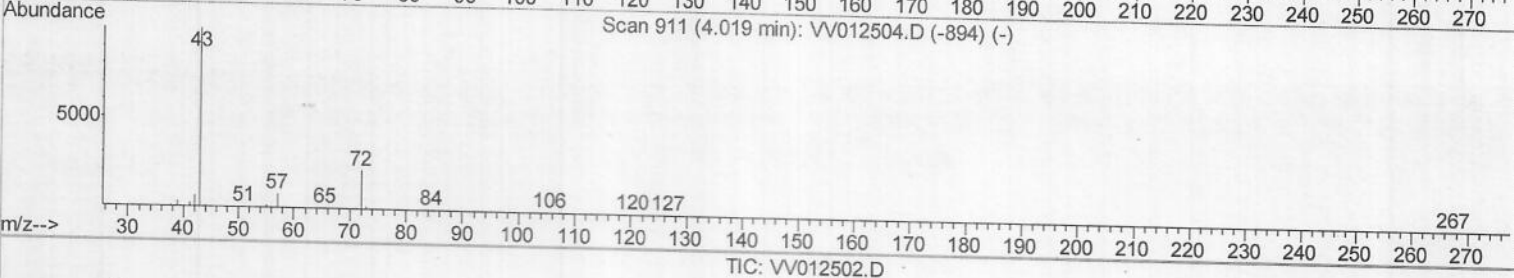
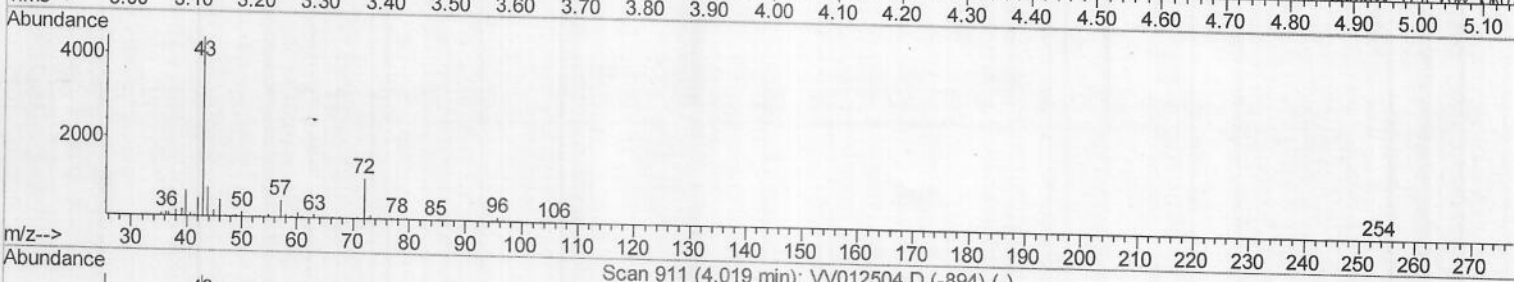
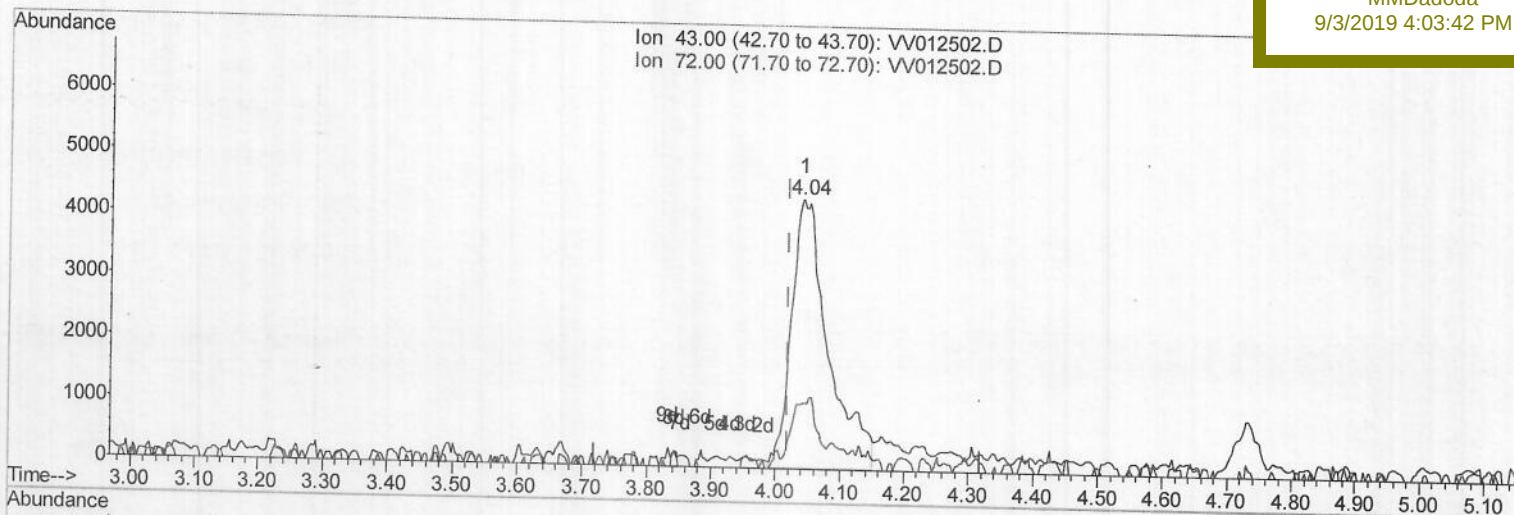
VSTD00562

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(22) 2-Butanone (T)

4.042min (+0.023) 9.07ug/L m) MDO9/07/19

response 17424

Ion	Exp%	Act%
43.00	100	100
72.00	21.80	1.23#
0.00	0.00	0.00
0.00	0.00	0.00

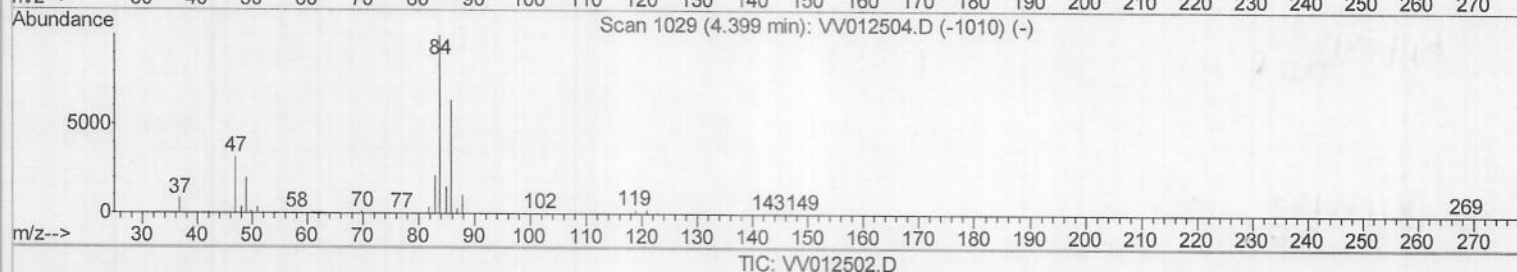
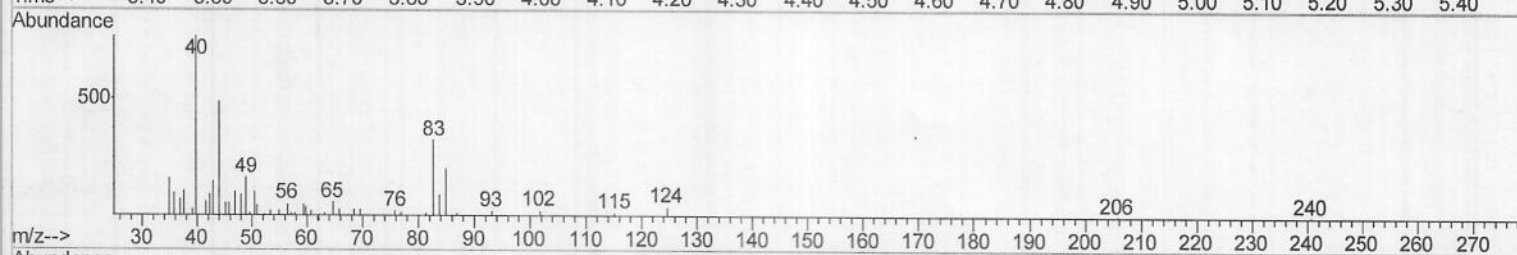
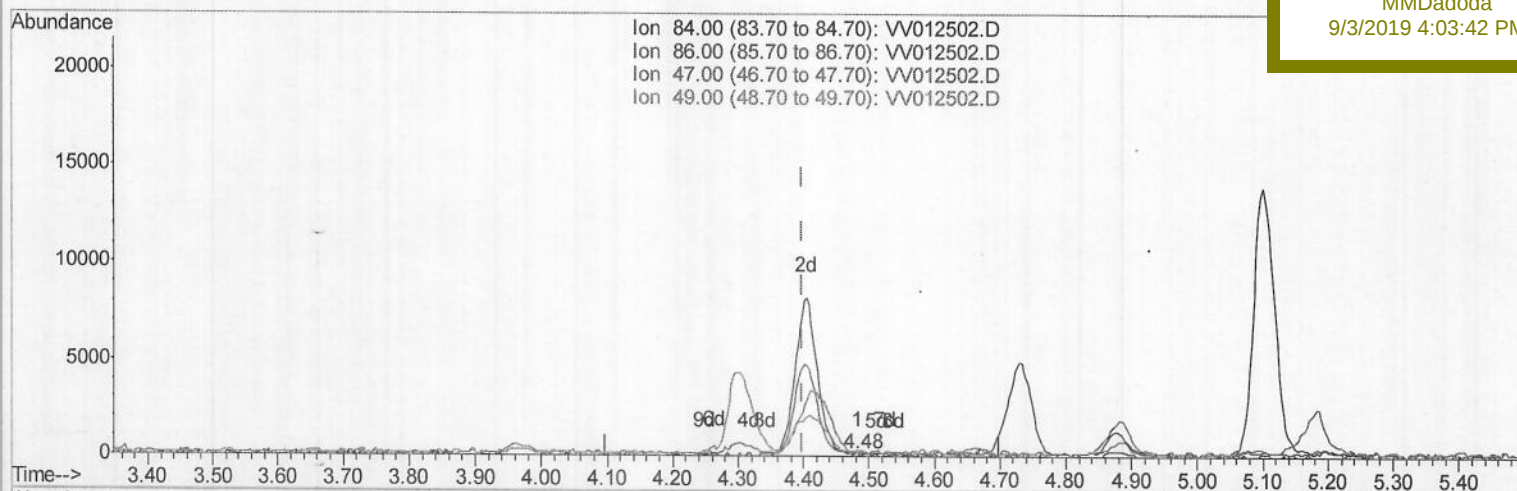
Data File : VV012502.D
Acq On : 01 Sep 2019 11:46
Operator : SY/MD
Sample : VSTD00562
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

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MSVOA_V
ClientSampleId :
VSTD00562

Manual Integrations
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TIC: VV012502.D

(24) Chloroform-d (S)

4.482min (+0.084) 0.02ug/L

response 82

Ion	Exp%	Act%
84.00	100	100
86.00	62.70	58.54
47.00	55.50	39.02
49.00	32.10	36.59

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Operator : SY/MD

Sample : VSTD00562

Misc : 5mL/MSVOA_V/WATER

ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 02 02:50:48 2019

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Instrument :

MSVOA_V

ClientSampleId :

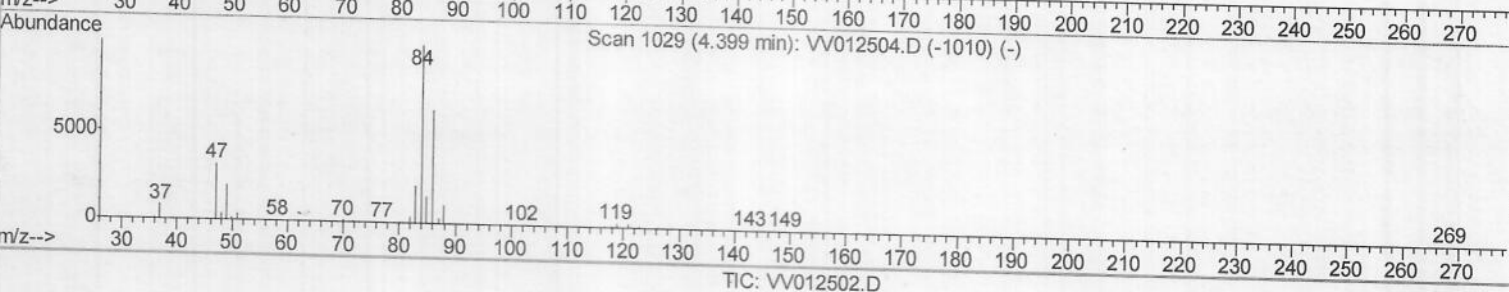
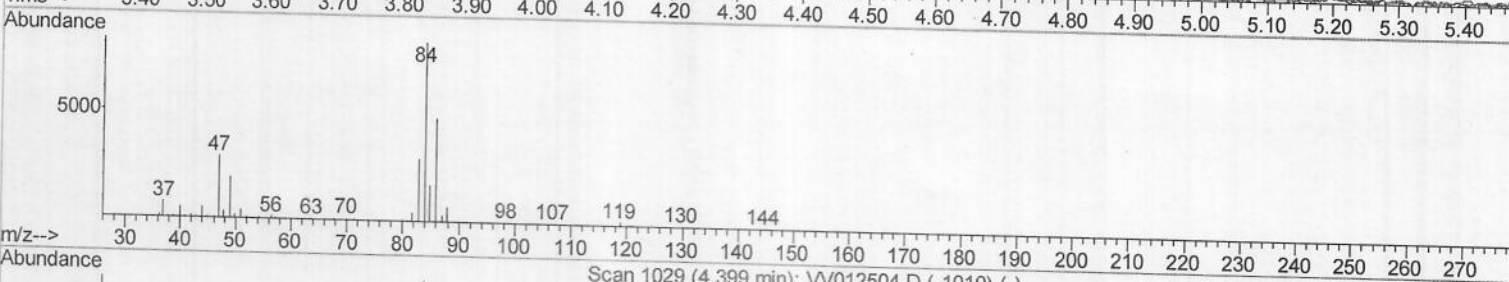
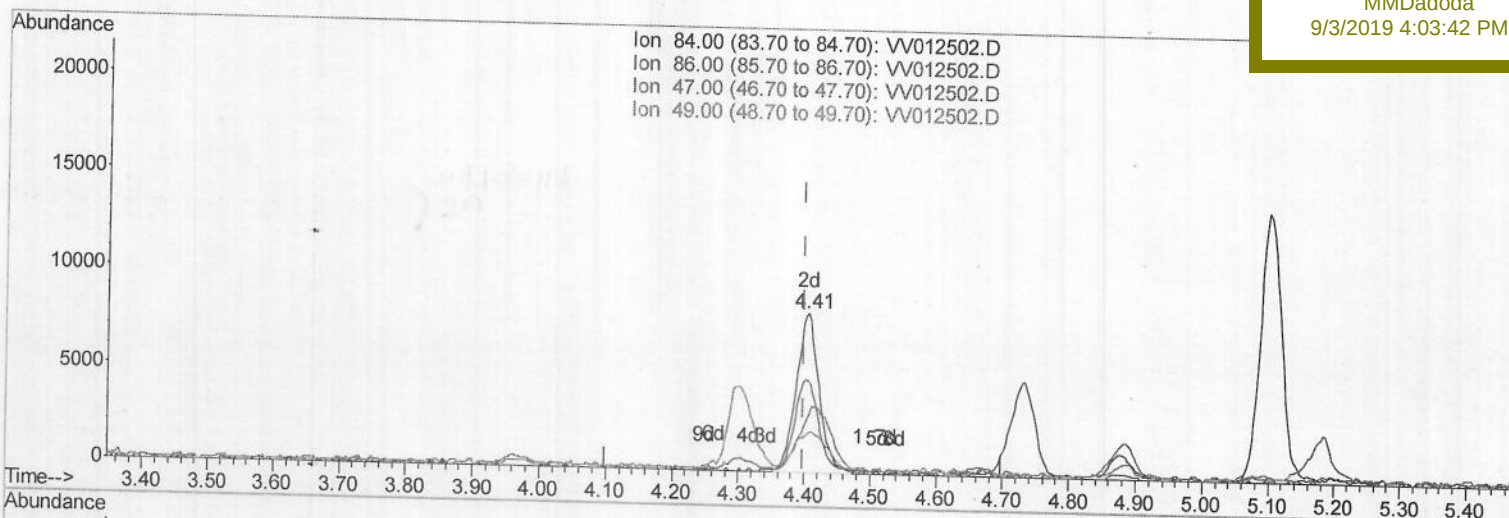
VSTD00562

Manual Integrations

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(24) Chloroform-d (S)

4.405min (+0.007) 4.77ug/L m) MD 09/07/19

response 19852

Ion	Exp%	Act%
84.00	100	100
86.00	62.70	0.24#
47.00	55.50	0.16#
49.00	32.10	0.15#

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Quantitation Report (Qedit)

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Sample : VSTD00562

Misc : 5mL/MSVOA_V/WATER

ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 02 02:50:48 2019

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Instrument :

MSVOA_V

Client Sample ID :

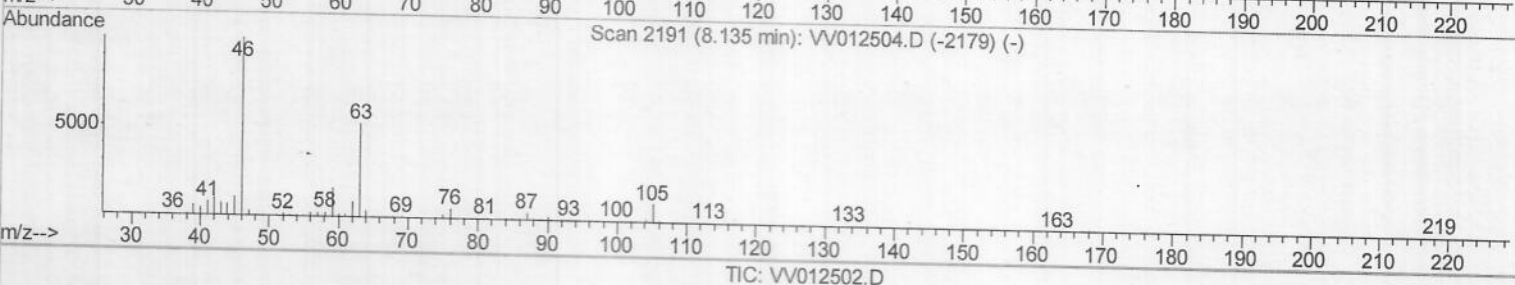
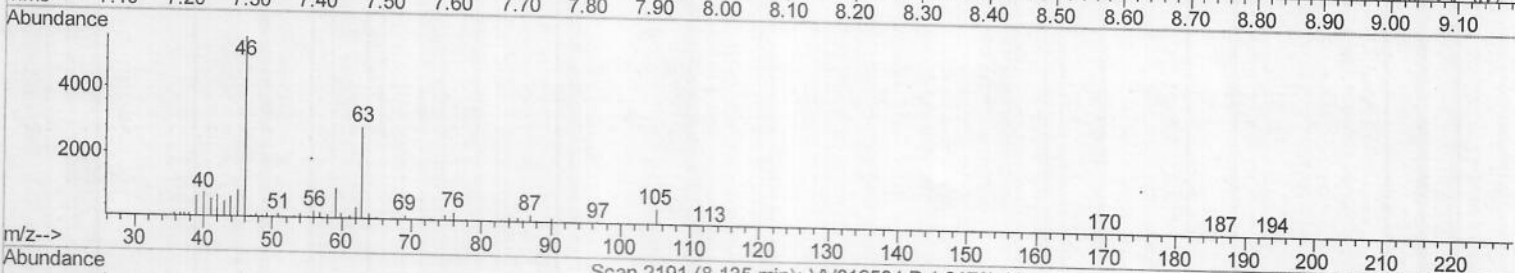
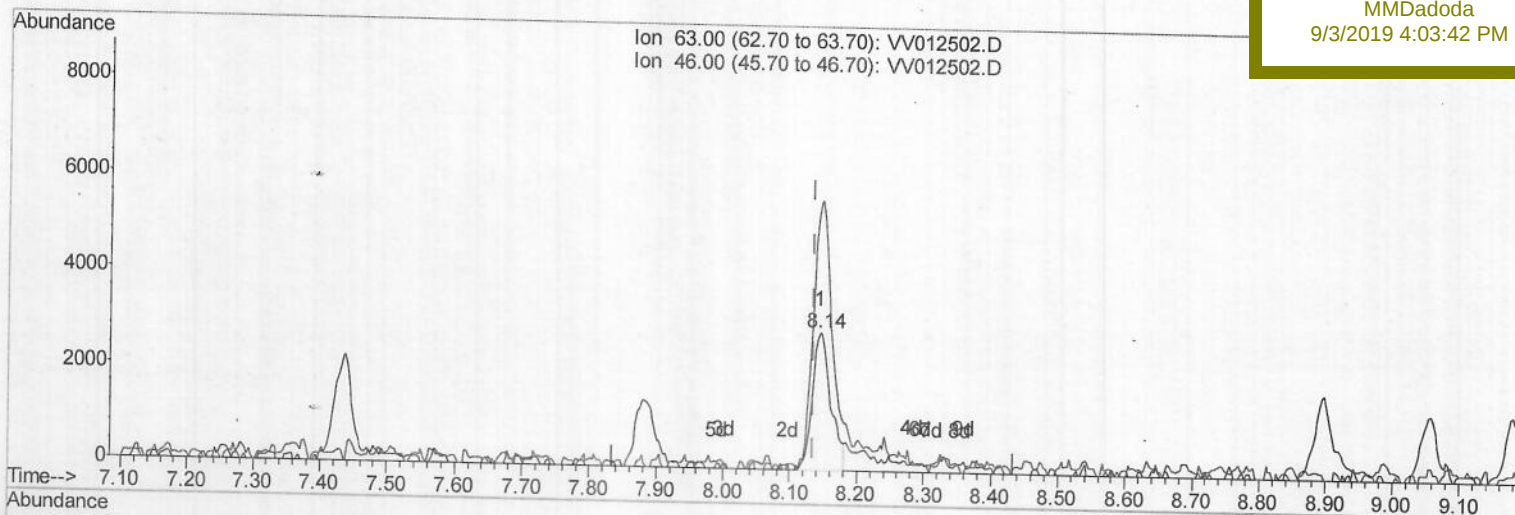
VSTD00562

Manual Integrations

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TIC: VV012502.D

(47) 2-Hexanone-d5 (S)

8.145min (+0.010) 5.66ug/L

response 5589

Ion	Exp%	Act%
63.00	100	100
46.00	193.80	211.42
0.00	0.00	0.00
0.00	0.00	0.00

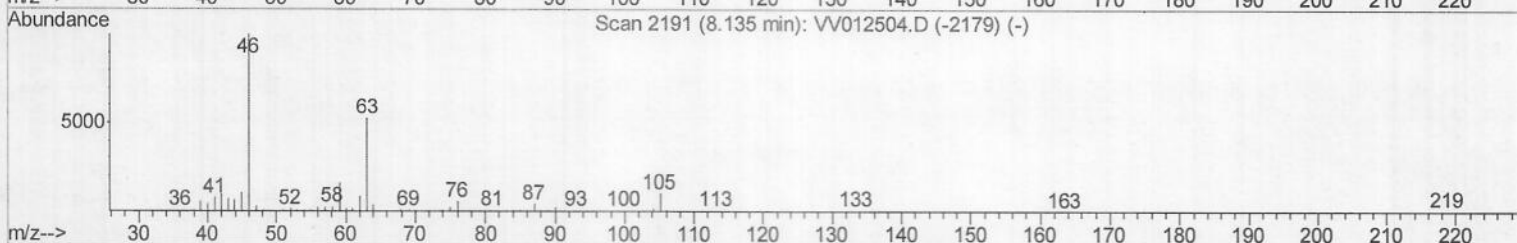
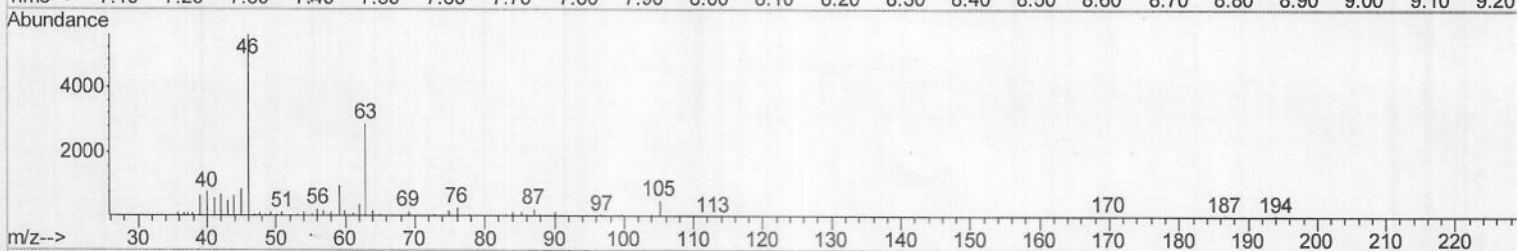
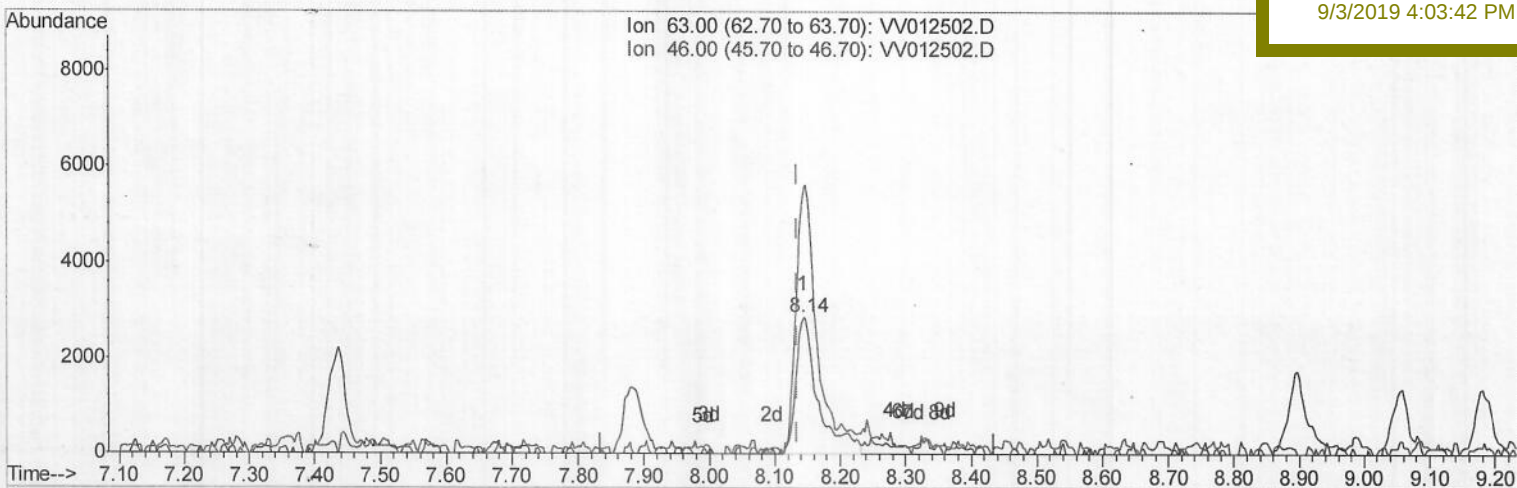
Data File : VV012502.D
Acq On : 01 Sep 2019 11:46
Operator : SY/MD
Sample : VSTD00562
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

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Instrument :
MSVOA_V
ClientSampleId :
VSTD00562

Manual Integrations
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TIC: VV012502.D

(47) 2-Hexanone-d5 (S)

8.145min (+0.010) 6.85ug/L m) MD09107119

response 6759

Ion	Exp%	Act%
63.00	100	100
46.00	193.80	174.82
0.00	0.00	0.00
0.00	0.00	0.00

Data File : VV012502.D
Acq On : 01 Sep 2019 11:46
Operator : SY/MD
Sample : VSTD00562
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_V
Client Sampled :
VSTD00562

Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Difluorobenzene	5.67	114	301327	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	290746	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	120775	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	9851	4.81	ug/L	0.00
7) Chloroethane-d5	1.58	69	10426	4.61	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.14	63	26300	4.75	ug/L	0.00
21) 2-Butanone-d5	3.96	46	14488m)	8.76	ug/L	0.03
24) Chloroform-d-	4.41	84	19852m)	4.77	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	12355	4.62	ug/L	0.00
32) Benzene-d6	5.10	84	31384	4.42	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	12002	4.81	ug/L	0.00
41) Toluene-d8	7.36	98	26983	4.05	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	4741	4.09	ug/L	0.00
47) 2-Hexanone-d5	8.14	63	6759m)	6.85	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	15542	4.40	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	11042	4.60	ug/L	0.00

MD 09/07/19

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	12476	5.166	ug/L	97
3) Chloromethane	1.25	50	16328	5.288	ug/L	92
5) Vinyl chloride	1.32	62	16911	5.245	ug/L	99
6) Bromomethane	1.54	94	11091	4.244	ug/L	96
8) Chloroethane	1.60	64	11832	5.002	ug/L	95
9) Trichlorofluoromethane	1.77	101	23887	4.889	ug/L	92
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	14557	5.159	ug/L	97
12) 1,1-Dichloroethene	2.14	96	13144	4.834	ug/L	92
13) Acetone	2.20	43	18223	10.340	ug/L	99
14) Carbon disulfide	2.32	76	28541	4.860	ug/L	99
15) Methyl Acetate	2.47	43	12256	4.742	ug/L	94
16) Methylene chloride	2.54	84	11866	5.048	ug/L	91
17) trans-1,2-Dichloroethene	2.79	96	10214	4.820	ug/L	90
18) Methyl tert-butyl Ether	2.81	73	28189	4.232	ug/L #	95
19) 1,1-Dichloroethane	3.23	63	20589	4.796	ug/L	93
20) cis-1,2-Dichloroethene	3.96	96	10978	4.686	ug/L	89
22) 2-Butanone	4.04	43	17424m)	9.073	ug/L	86
23) Bromochloromethane	4.30	128	6143	5.459	ug/L	94
25) Chloroform	4.43	83	22050	5.051	ug/L	95
27) 1,2-Dichloroethane	5.18	62	17546	4.804	ug/L	97
29) Cyclohexane	4.73	56	15156	4.188	ug/L	96
30) 1,1,1-Trichloroethane	4.66	97	16298	4.664	ug/L	96
31) Carbon tetrachloride	4.88	117	14796	4.980	ug/L	96
33) Benzene	5.15	78	42887	4.737	ug/L	100
34) Trichloroethene	5.96	95	12831	5.133	ug/L	95
35) Methylcyclohexane	6.18	83	14777	4.075	ug/L	94
37) 1,2-Dichloropropane	6.22	63	11962	4.905	ug/L	99
38) Bromodichloromethane	6.56	83	15210	4.731	ug/L #	93
39) cis-1,3-Dichloropropene	7.07	75	13765	3.938	ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	26777	7.846	ug/L	94

MD 09/07/19

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
42) Toluene	7.43	91	39888	4.196	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	11675	3.691	ug/L	98
45) 1,1,2-Trichloroethane	7.88	97	10969	4.976	ug/L	94
46) Tetrachloroethene	8.02	164	7837	4.659	ug/L	98
48) 2-Hexanone	8.20	43	19925	7.456	ug/L #	86
49) Dibromochloromethane	8.29	129	10123	4.379	ug/L	94
50) 1,2-Dibromoethane	8.40	107	10121	4.439	ug/L	95
51) Chlorobenzene	8.93	112	27859	4.668	ug/L	96
52) Ethylbenzene	9.05	91	42998	4.174	ug/L	99
53) m,p-Xylene	9.18	106	14159	3.827	ug/L	95
54) o-xylene	9.59	106	13525	3.664	ug/L	92
55) Styrene	9.60	104	22736	3.637	ug/L	99
56) Isopropylbenzene	9.97	105	36204	3.761	ug/L	97
58) 1,1,2,2-Tetrachloroethane	10.29	83	14583	4.461	ug/L	92
59) 1,2,3-Trichloropropane	10.32	75	13822	4.675	ug/L	100
61) Bromoform	9.78	173	6660	5.025	ug/L #	97
62) 1,3-Dichlorobenzene	11.22	146	17411	4.565	ug/L	96
63) 1,4-Dichlorobenzene	11.32	146	19529	4.948	ug/L	100
65) 1,2-Dichlorobenzene	11.69	146	18759	4.864	ug/L	95
66) 1,2-Dibromo-3-chloropropan	12.47	75	3637	5.596	ug/L	86
67) 1,3,5-Trichlorobenzene	12.69	180	11372	4.464	ug/L	94
68) 1,2,4-trichlorobenzene	13.31	180	7222	3.447	ug/L	96
69) Naphthalene	13.55	128	14795	2.259	ug/L	98
70) 1,2,3-Trichlorobenzene	13.79	180	7391	3.428	ug/L	97

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