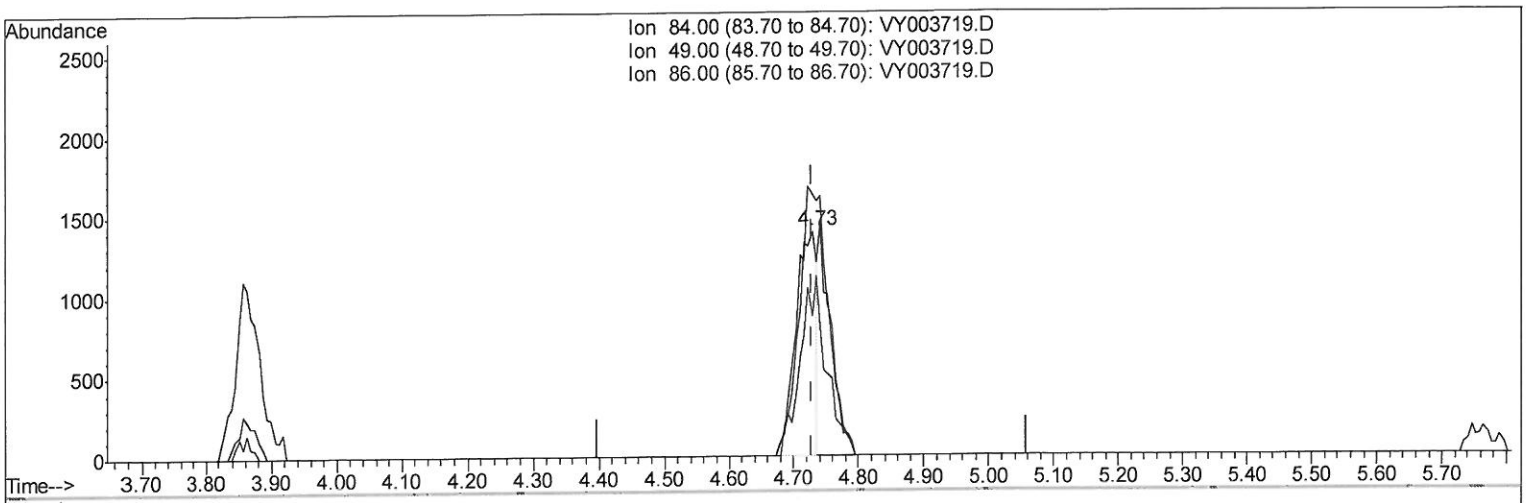
Quantitation Report (Qedit)

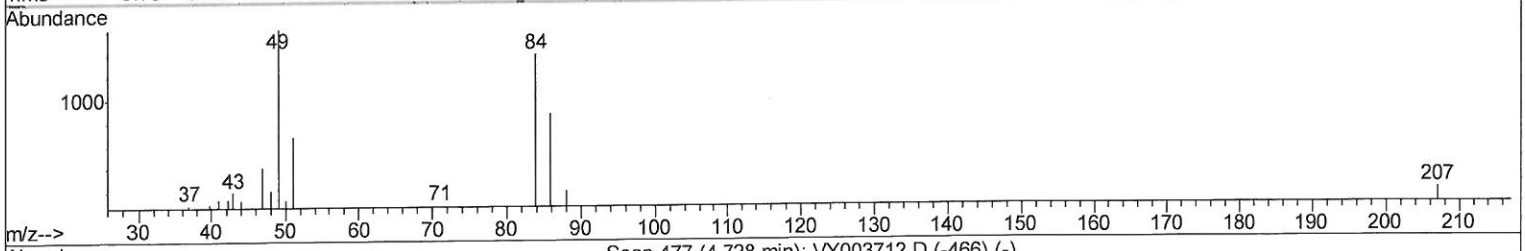
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY121020\
Data File : VY003719.D
Acq On : 10 Dec 2020 15:22
Operator : SY/MD
Sample : L4979-10RE
Misc : 6.94G/10ML/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

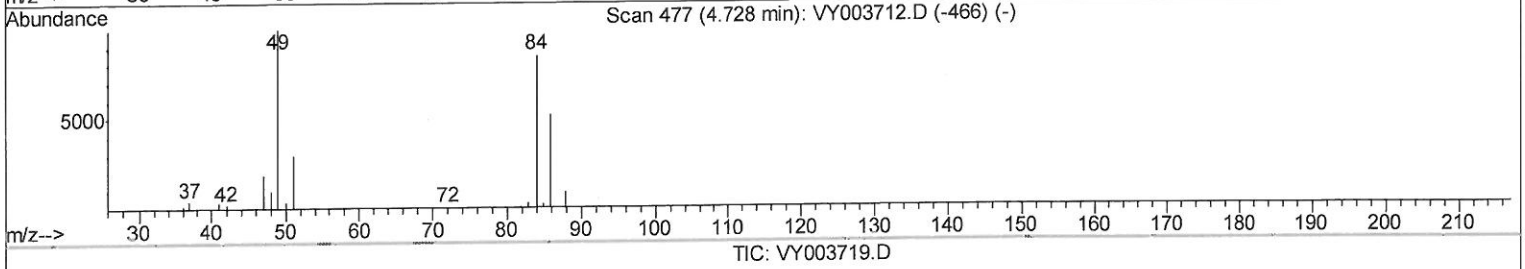
Quant Time: Dec 11 00:50:13 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM120420S.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 11 00:47:58 2020
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
GB1G0RE

Manual Integrations APPROVED
MMDadoda
12/14/2020 9:11:06 AM







TIC: VY003719.D

(16) Methylene chloride (T)

4.728min (0.000) 0.90ug/L

response 2835

Ion	Exp%	Act%
84.00	100	100
49.00	119.50	116.13
86.00	64.30	62.29
0.00	0.00	0.00

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Quant Title : VOC Analysis
QLast Update : Fri Dec 11 00:47:58 2020
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Instrument :
MSVOA_Y
ClientSampleId :
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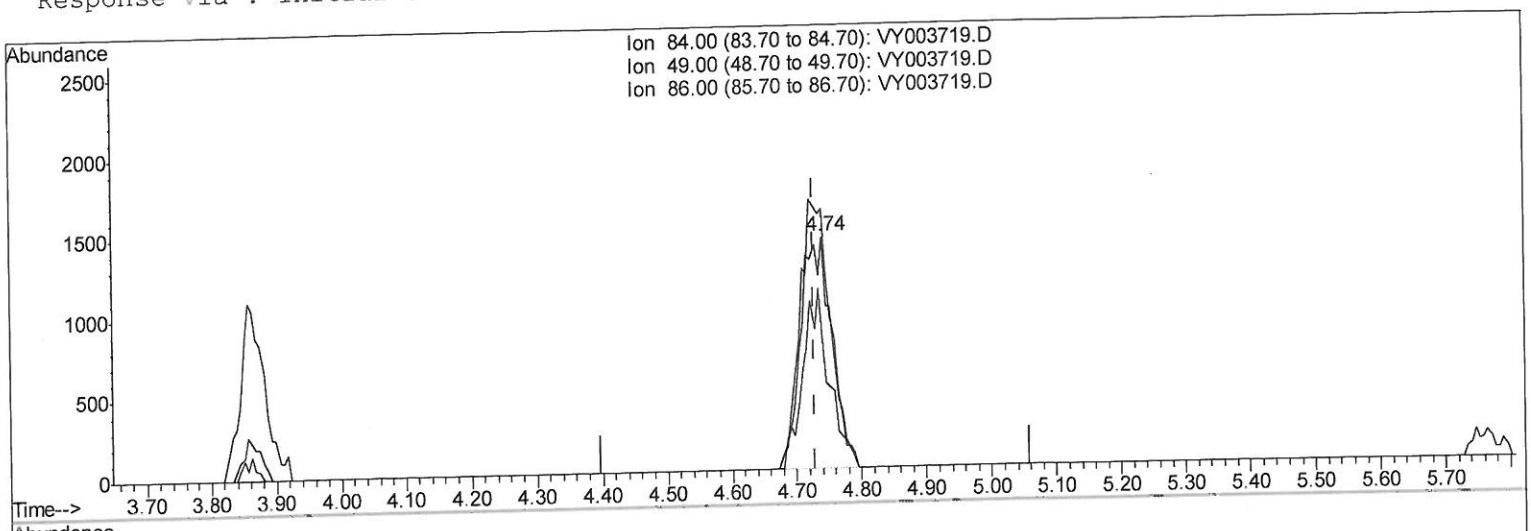
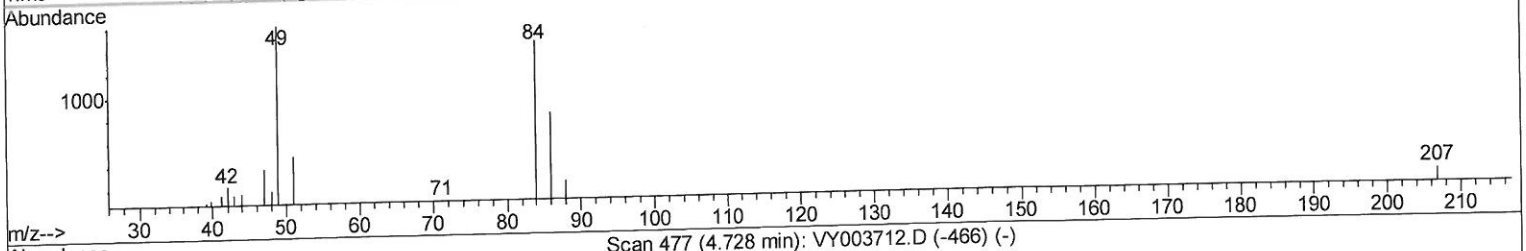
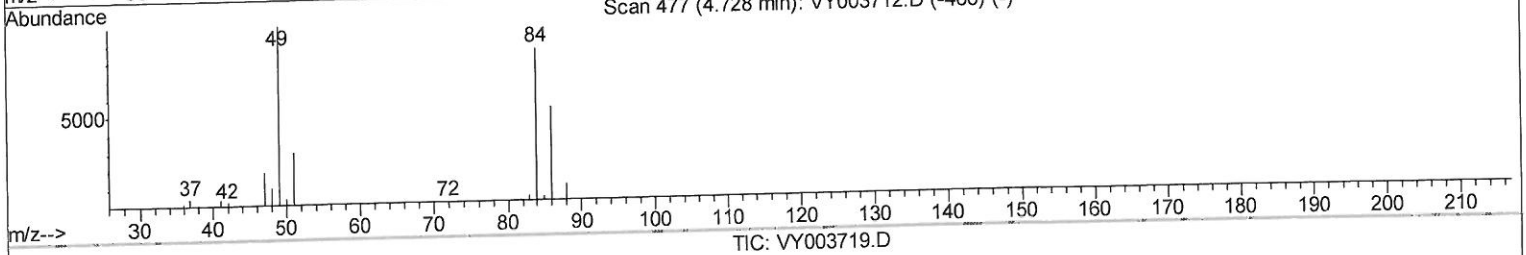
Manual Integrations APPROVED
MMDadoda
12/14/2020 9:11:06 AM





Scan 477 (4.728 min): VY003712.D (-466) (-)



TIC: VY003719.D

(16) Methylene chloride (T)

4.741min (+0.012) 1.51ug/L m 12/14/2020

response 4773

Ion	Exp%	Act%
84.00	100	100
49.00	119.50	112.01
86.00	64.30	56.42
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY121020\
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Acq On : 10 Dec 2020 15:22
Operator : SY/MD
Sample : L4979-10RE
Misc : 6.94G/10ML/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 11 00:50:13 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM120420S.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 11 00:47:58 2020
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
GB1G0RE

Manual Integrations APPROVED
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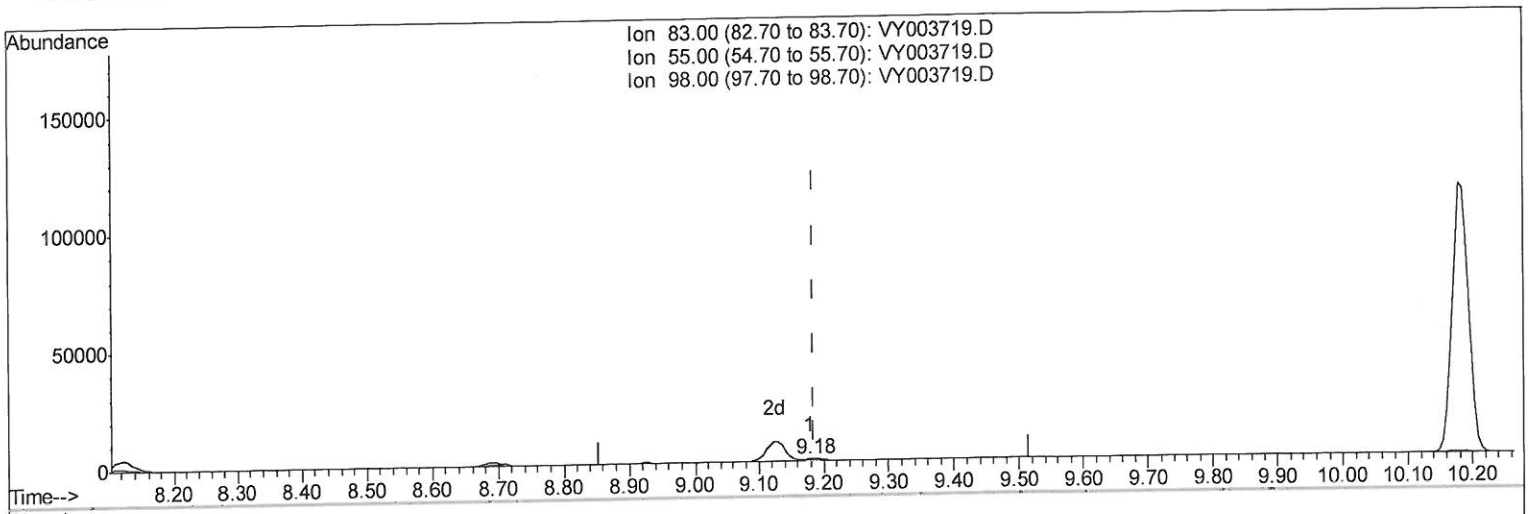
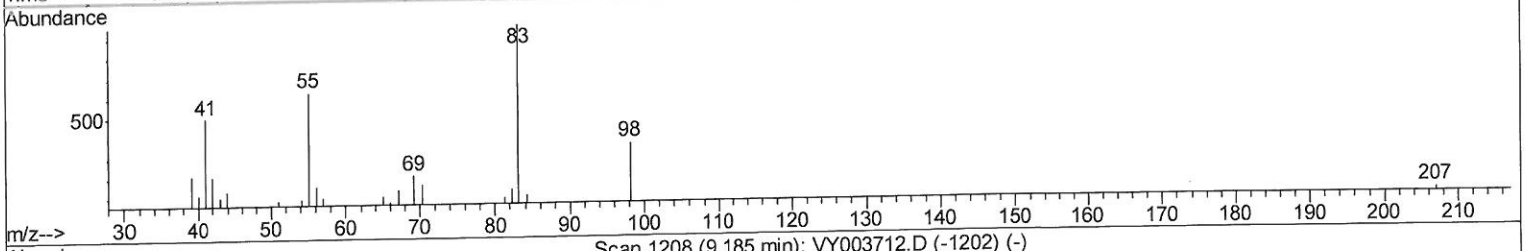
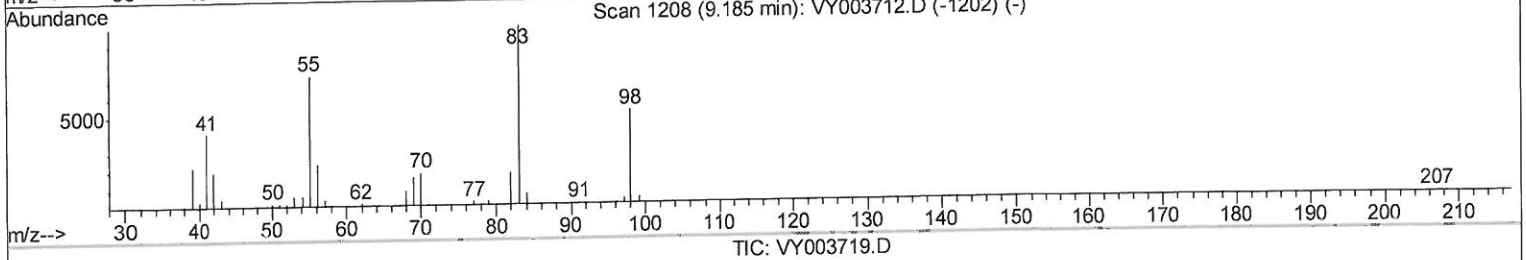
12/14/2020 9:11:06 AM





Scan 1208 (9.185 min): VY003712.D (-1202) (-)



TIC: VY003719.D

(36) Methylcyclohexane (T)

9.179min (-0.006) 0.57ug/L

response 1642

Ion	Exp%	Act%
83.00	100	100
55.00	70.50	86.30#
98.00	50.40	57.86
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY121020\
Data File : VY003719.D
Acq On : 10 Dec 2020 15:22
Operator : SY/MD
Sample : L4979-10RE
Misc : 6.94G/10ML/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 11 00:50:13 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM120420S.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 11 00:47:58 2020
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
GB1G0RE

Manual Integrations APPROVED
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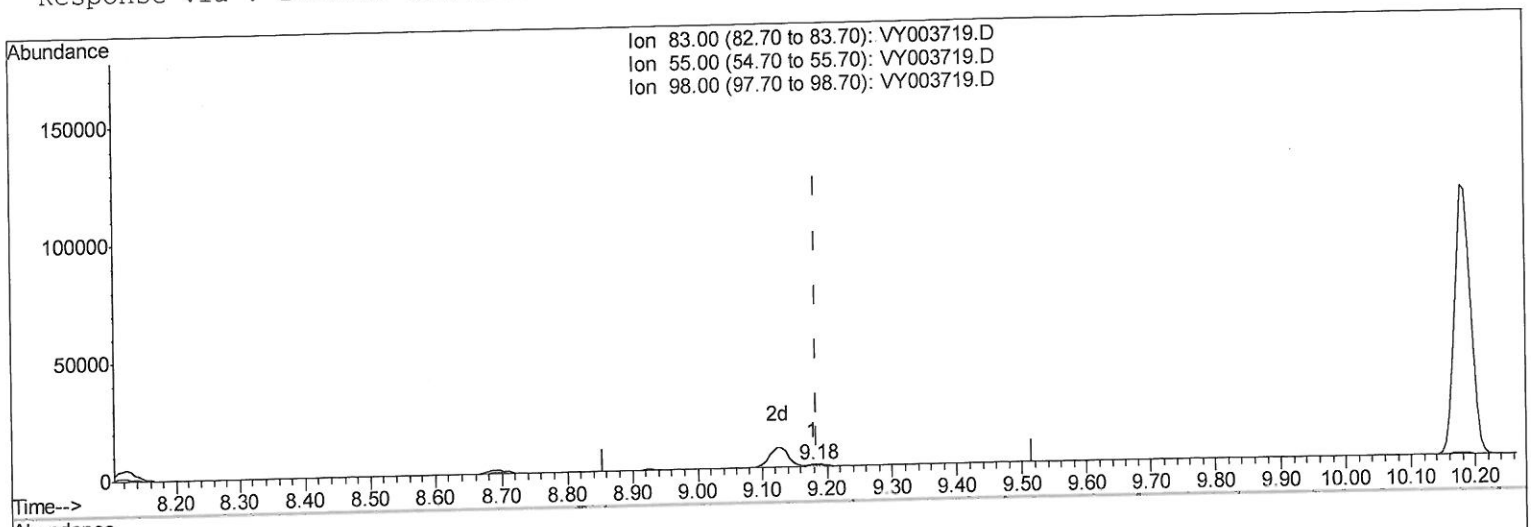
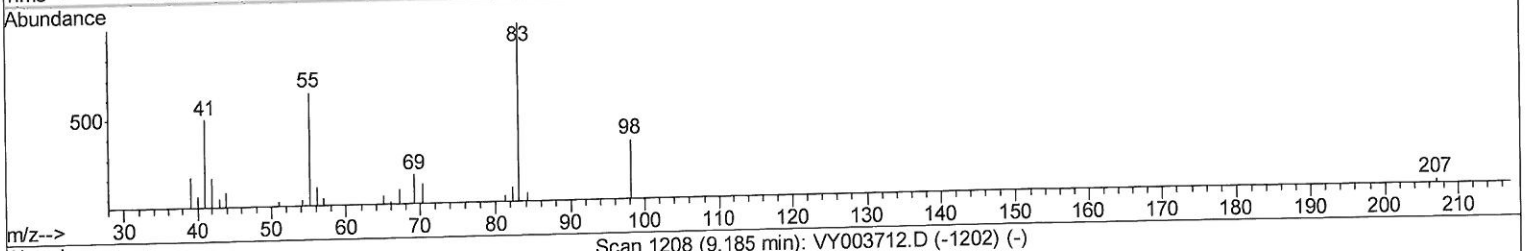
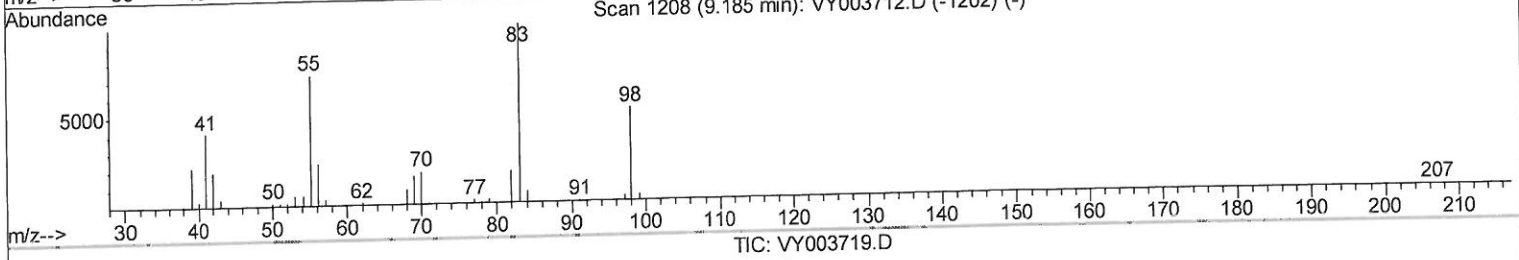
12/14/2020 9:11:06 AM





Scan 1208 (9.185 min): VY003712.D (-1202) (-)



TIC: VY003719.D

(36) Methylcyclohexane (T)

9.179min (-0.006) 0.71ug/L m >121120 87

response 2046

Ion	Exp%	Act%
83.00	100	100
55.00	70.50	69.26
98.00	50.40	46.43
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY121020\
Data File : VY003719.D
Acq On : 10 Dec 2020 15:22
Operator : SY/MD
Sample : L4979-10RE
Misc : 6.94G/10ML/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GB1G0RE

Manual Integrations APPROVED
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12/14/2020 9:11:06 AM

Quant Time: Dec 11 01:24:47 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM120420S.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 11 00:47:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.70	114	180170	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.50	117	119680	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.43	152	22036	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.25	65	55580	21.81	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 87.24%			
7) Chloroethane-d5	2.77	69	48606	25.29	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 101.16%			
10) 1,1-Dichloroethene-d2	3.86	63	88264	18.41	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 73.64%			
20) 2-Butanone-d5	6.90	46	36236	39.89	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 79.78%			
24) Chloroform-d	7.49	84	118884	25.64	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 102.56%			
26) 1,2-Dichloroethane-d4	8.15	65	61920	23.73	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 94.92%			
29) Benzene-d6	8.12	84	248262	35.83	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 143.32%#			
33) 1,2-Dichloropropane-d6	9.12	67	70890	34.57	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 138.28%#			
37) Toluene-d8	10.18	98	198263	31.92	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 127.68%			
38) trans-1,3-Dichloropropene-	10.44	79	26261	26.80	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 107.20%			
39) 2-Hexanone-d5	10.79	63	26118	50.84	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 101.68%			
48) 1,1,2,2-Tetrachloroethane-	12.56	84	32049	17.54	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 70.16%			
61) 1,2-Dichlorobenzene-d4	13.72	152	18956	23.68	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 94.72%			
Target Compounds						Qvalue
13) Acetone	3.95	43	14578	21.894	ug/L	94
14) Carbon disulfide	4.21	76	3639	0.506	ug/L #	92
16) Methylene chloride	4.74	84	4773m	1.509	ug/L	
34) Benzene	8.17	78	5224	0.763	ug/L	100
36) Methylcyclohexane	9.18	83	2046m	0.710	ug/L	
44) Toluene	10.25	91	17935	2.483	ug/L	96
53) Ethylbenzene	11.59	91	15298	1.941	ug/L	100
54) m,p-Xylene	11.70	106	1728	0.568	ug/L	78
55) o-xylene	12.03	106	642	0.220	ug/L	66

12/18/20 SY

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

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