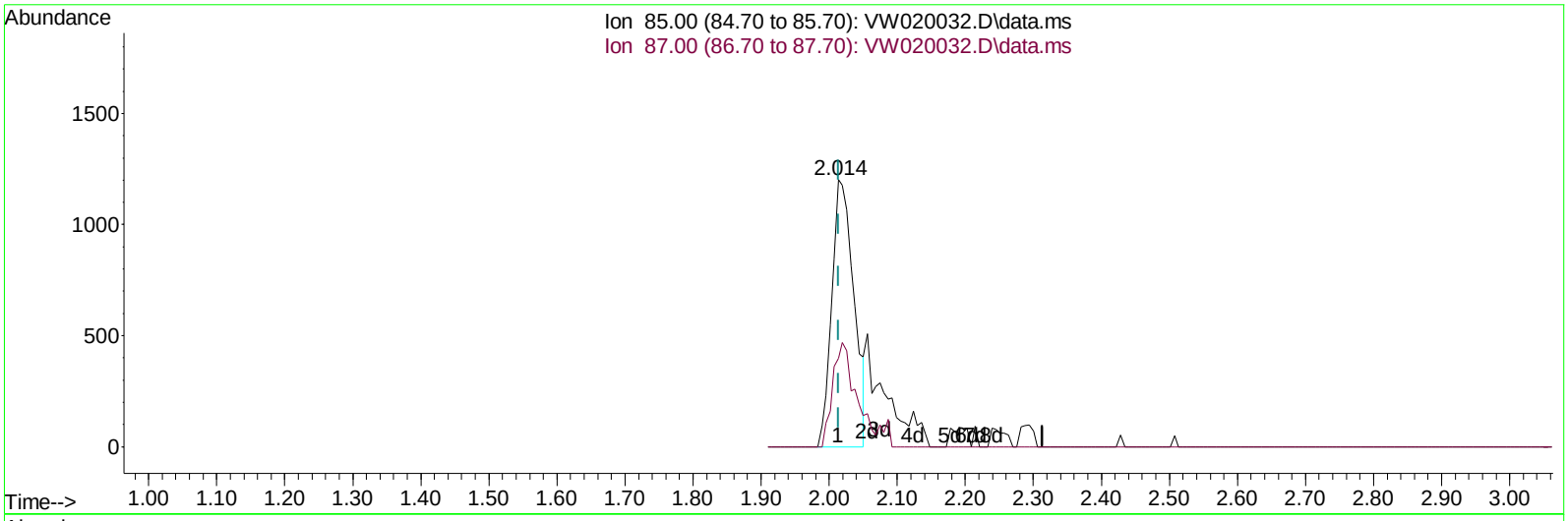
Quantitation Report (Qedit)

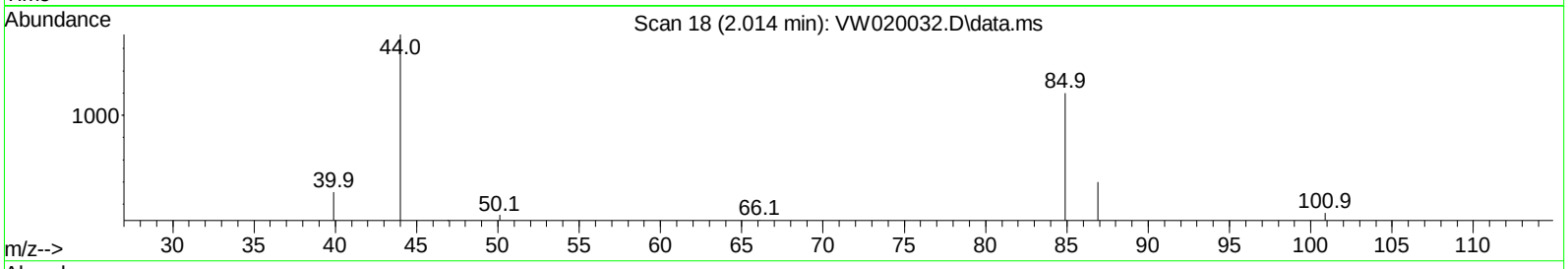
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091521\
Data File : VW020032.D
Acq On : 15 Sep 2021 12:01
Operator : SY/VA
Sample : MDL05
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

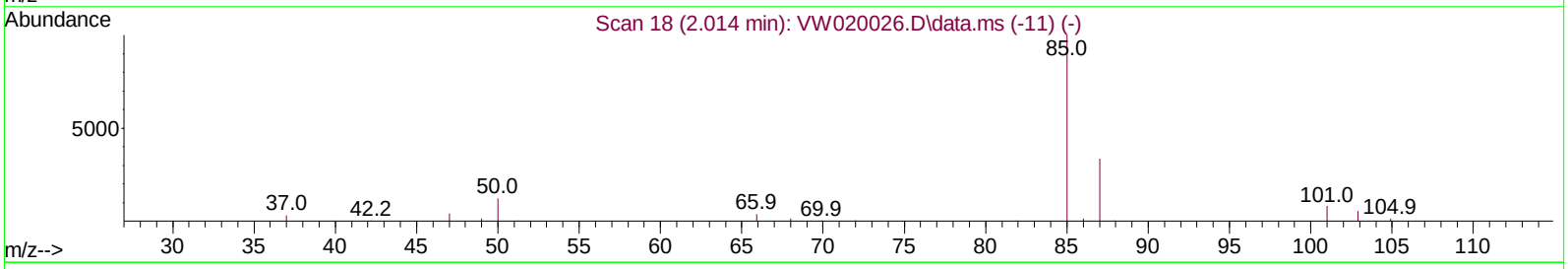
Quant Time: Sep 16 01:05:38 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091421SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Sep 16 00:47:26 2021
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
MDL05

Manual Integrations APPROVED
MMDadoda
9/17/2021 2:30:21 PM







TIC: VW020032.D\data.ms

(2) Dichlorodifluoromethane (T)

2.014min (-0.000) 0.87 ug/L

response 2719

Ion	Exp%	Act%
85.00	100.00	100.00
87.00	29.10	40.97#
0.00	0.00	0.00
0.00	0.00	0.00

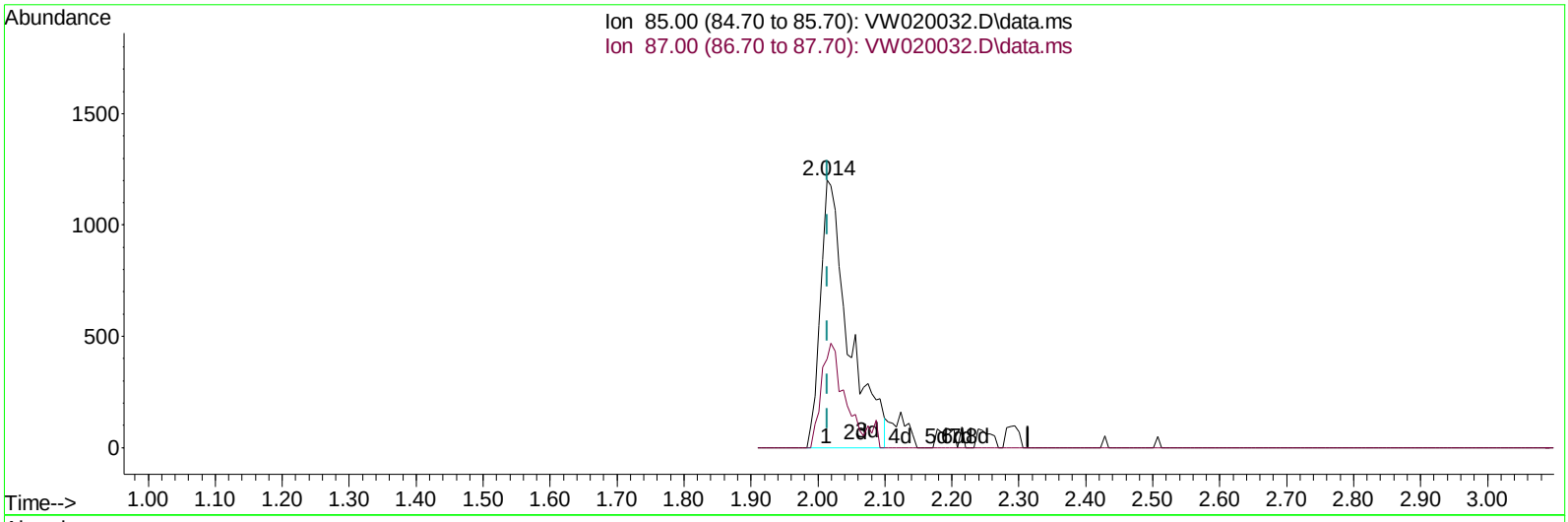
Quantitation Report (Qedit)

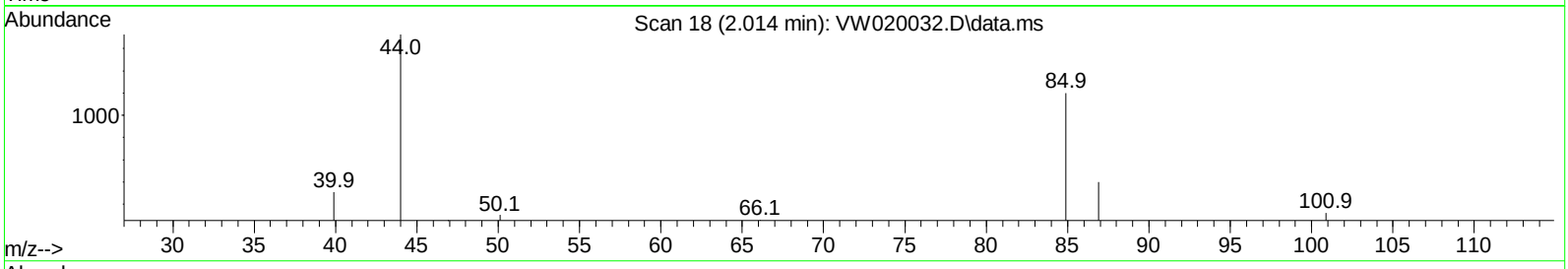
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091521\
Data File : VW020032.D
Acq On : 15 Sep 2021 12:01
Operator : SY/VA
Sample : MDL05
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

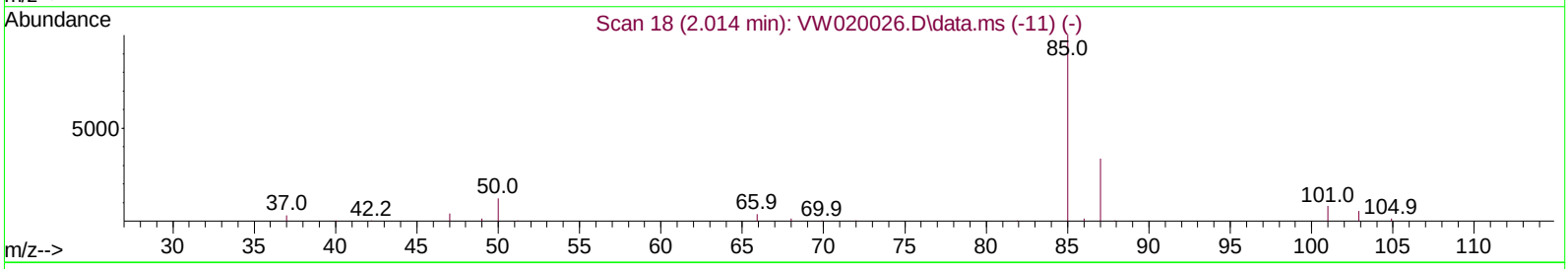
Quant Time: Sep 16 01:05:38 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091421SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Sep 16 00:47:26 2021
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
MDL05

Manual Integrations APPROVED
MMDadoda
9/17/2021 2:30:21 PM







TIC: VW020032.D\data.ms

(2) Dichlorodifluoromethane (T)

2.014min (-0.000) 1.11 ug/L m

response 3493

Ion	Exp%	Act%
85.00	100.00	100.00
87.00	29.10	31.89
0.00	0.00	0.00
0.00	0.00	0.00

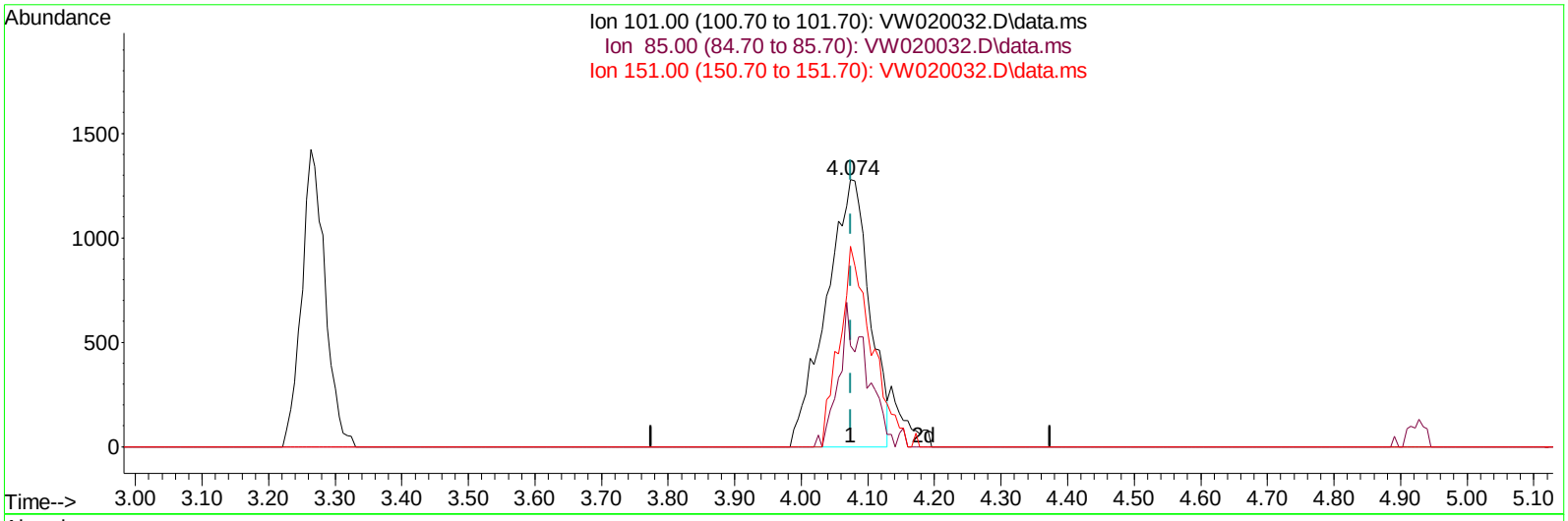
Quantitation Report (Qedit)

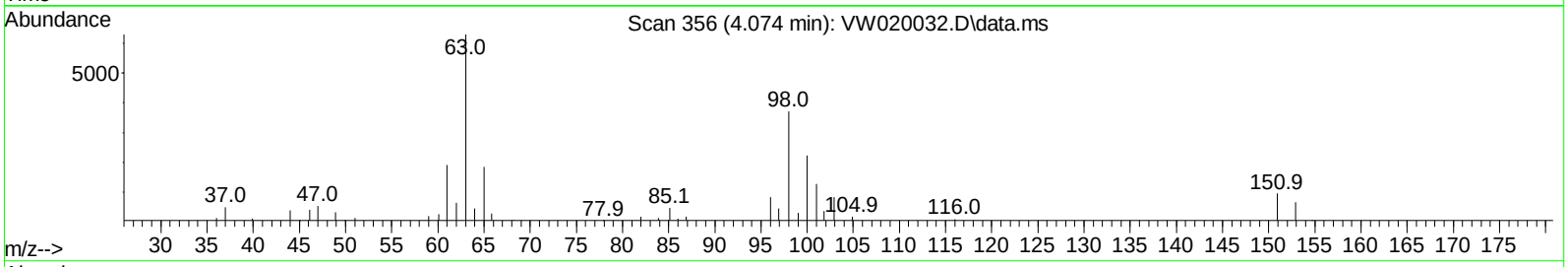
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091521\
Data File : VW020032.D
Acq On : 15 Sep 2021 12:01
Operator : SY/VA
Sample : MDL05
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

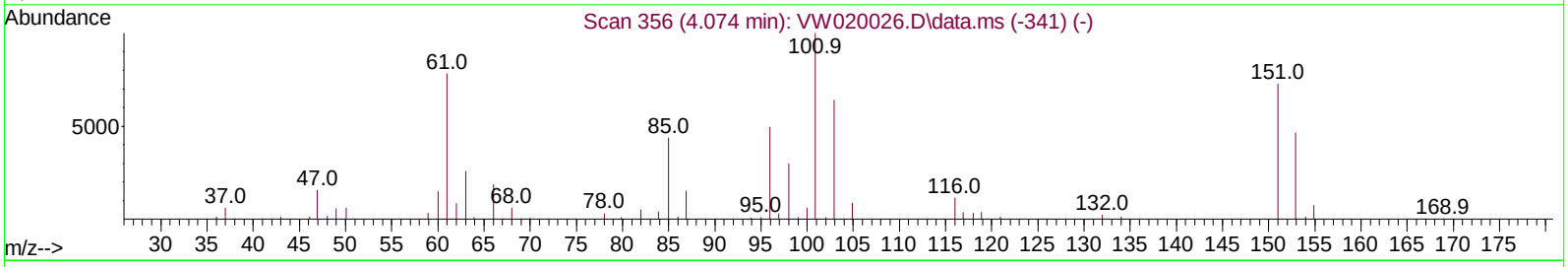
Quant Time: Sep 16 01:05:38 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091421SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Sep 16 00:47:26 2021
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
MDL05

Manual Integrations APPROVED
MMDadoda
9/17/2021 2:30:21 PM







TIC: VW020032.D\data.ms

(10) 1,1,2-Trichloro-1,2,2-trifluoroethane (T)

4.074min (-0.000) 1.33 ug/L

response 5782

Ion	Exp%	Act%
101.00	100.00	100.00
85.00	47.70	17.90#
151.00	70.80	44.26#
0.00	0.00	0.00

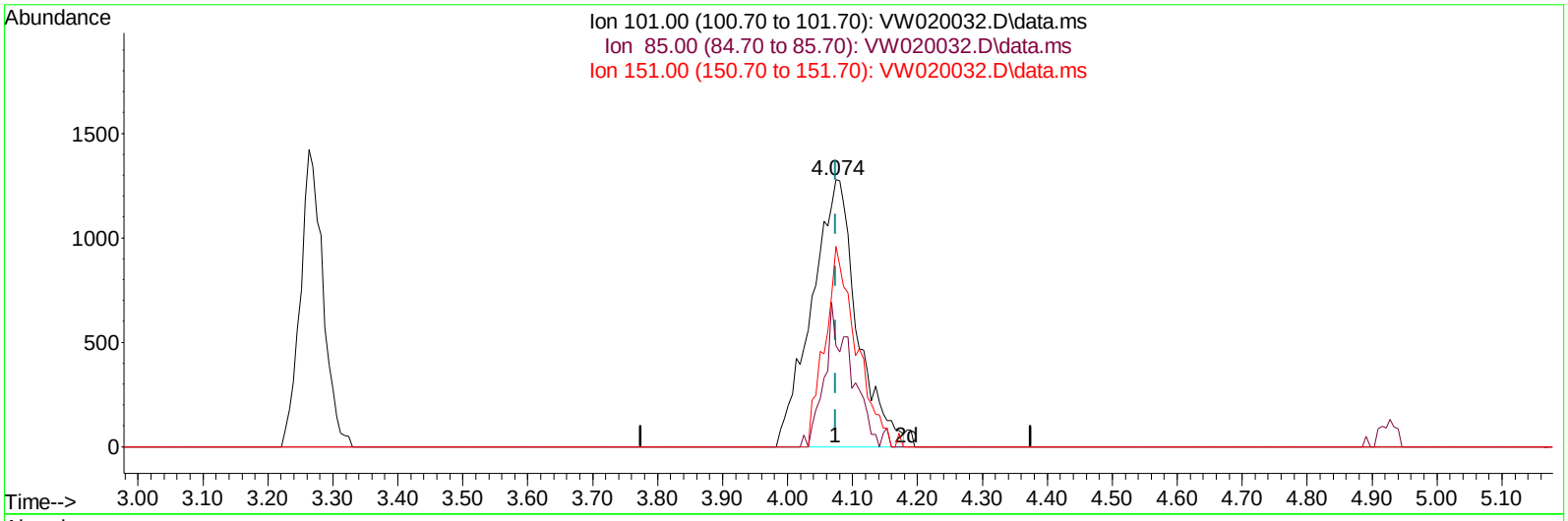
Quantitation Report (Qedit)

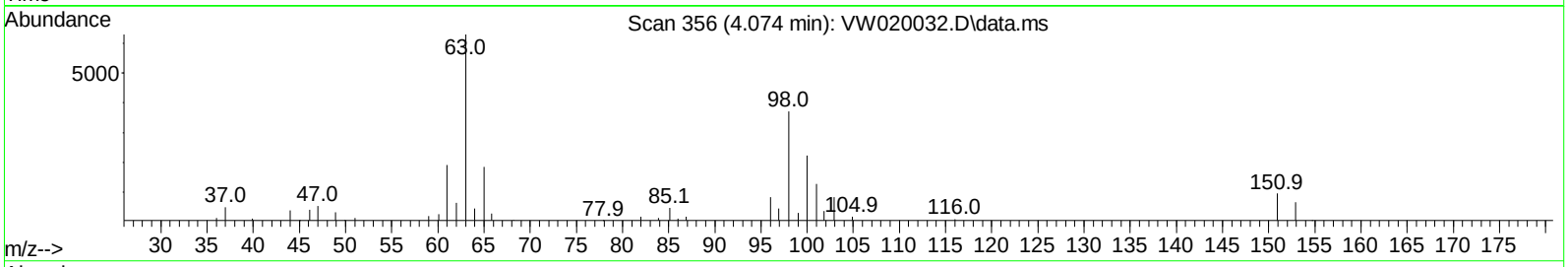
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091521\
Data File : VW020032.D
Acq On : 15 Sep 2021 12:01
Operator : SY/VA
Sample : MDL05
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

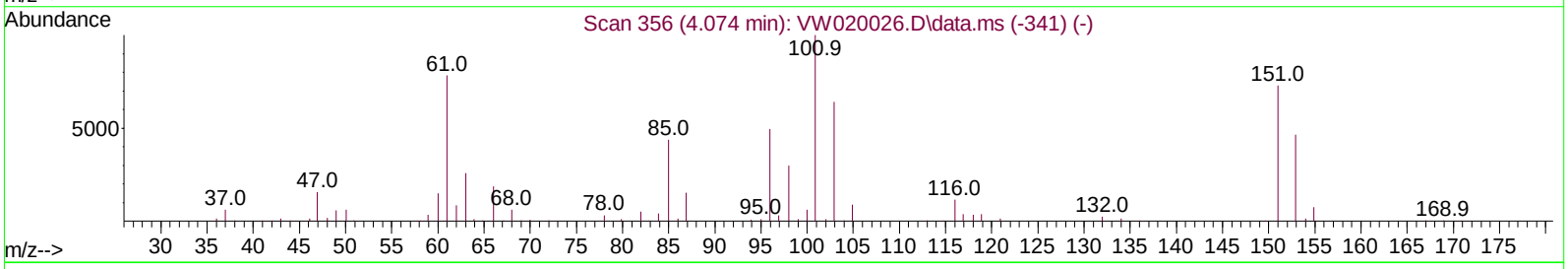
Quant Time: Sep 16 01:05:38 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091421SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Sep 16 00:47:26 2021
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
MDL05

Manual Integrations APPROVED
MMDadoda
9/17/2021 2:30:21 PM







TIC: VW020032.D\data.ms

(10) 1,1,2-Trichloro-1,2,2-trifluoroethane (T)

4.074min (-0.000) 1.43 ug/L m

response 6197

Ion	Exp%	Act%
101.00	100.00	100.00
85.00	47.70	16.70#
151.00	70.80	41.29#
0.00	0.00	0.00

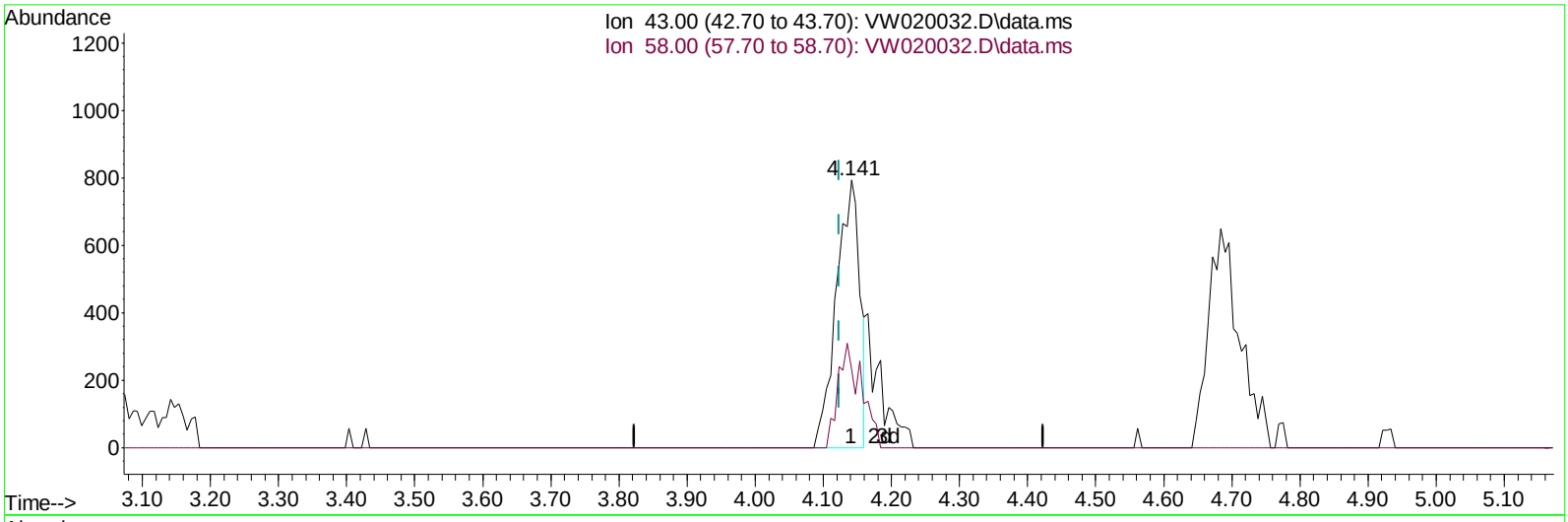
Quantitation Report (Qedit)

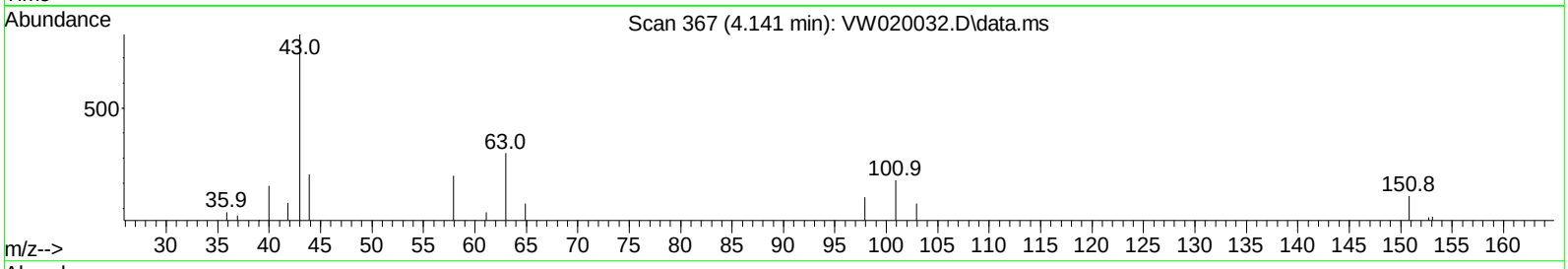
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091521\
Data File : VW020032.D
Acq On : 15 Sep 2021 12:01
Operator : SY/VA
Sample : MDL05
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

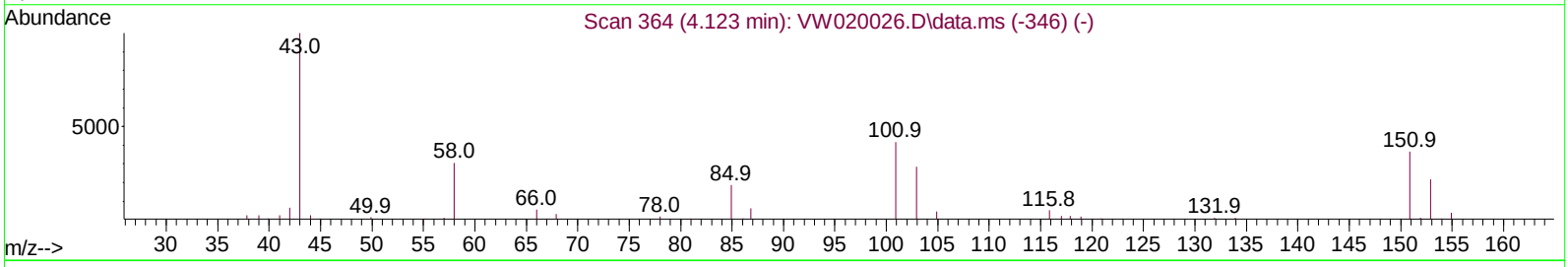
Quant Time: Sep 16 01:05:38 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091421SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Sep 16 00:47:26 2021
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
MDL05

Manual Integrations APPROVED
MMDadoda
9/17/2021 2:30:21 PM







TIC: VW020032.D\data.ms

(13) Acetone (T)

4.141min (+ 0.018) 1.47 ug/L

response 1908

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	26.90	25.58
0.00	0.00	0.00
0.00	0.00	0.00

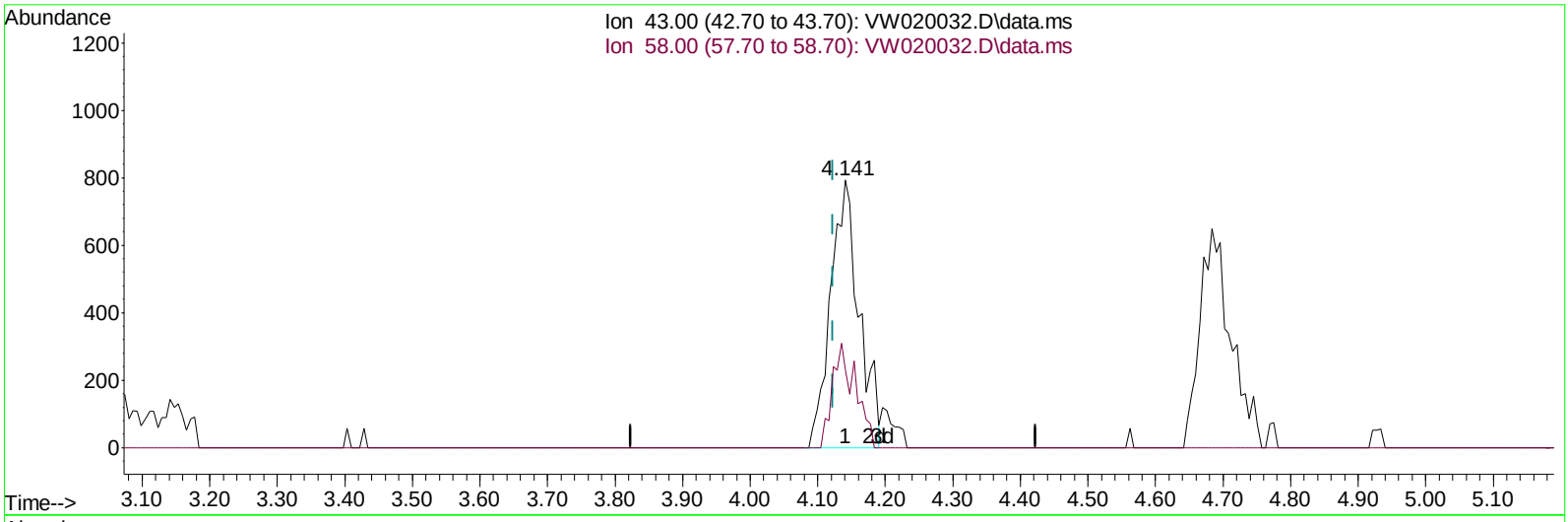
Quantitation Report (Qedit)

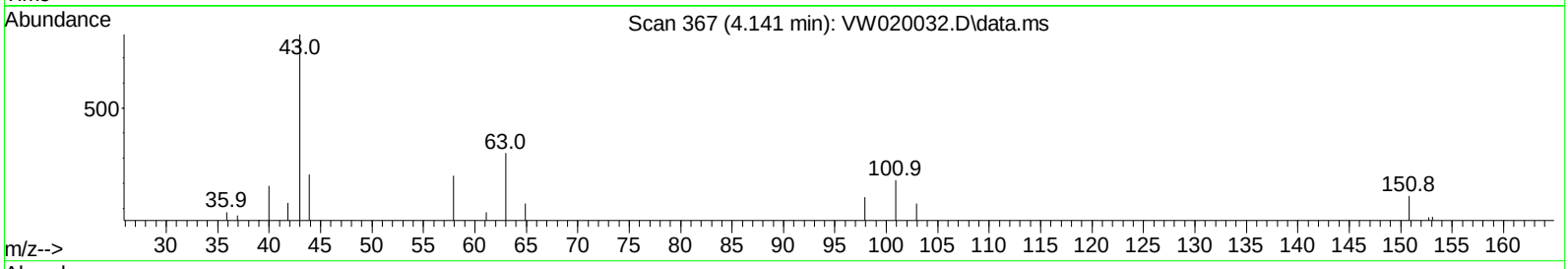
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091521\
Data File : VW020032.D
Acq On : 15 Sep 2021 12:01
Operator : SY/VA
Sample : MDL05
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

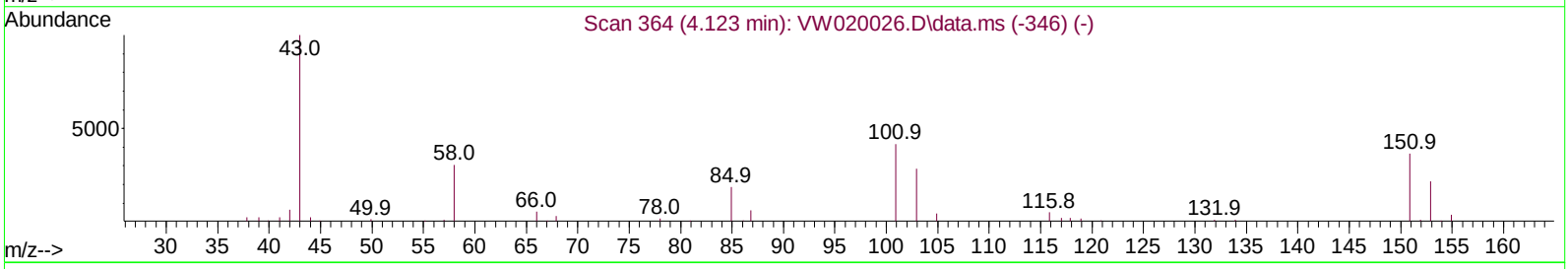
Quant Time: Sep 16 01:05:38 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091421SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Sep 16 00:47:26 2021
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
MDL05

Manual Integrations APPROVED
MMDadoda
9/17/2021 2:30:21 PM







TIC: VW020032.D\data.ms

(13) Acetone (T)

4.141min (+ 0.018) 1.79 ug/L m

response 2317

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	26.90	21.06
0.00	0.00	0.00
0.00	0.00	0.00

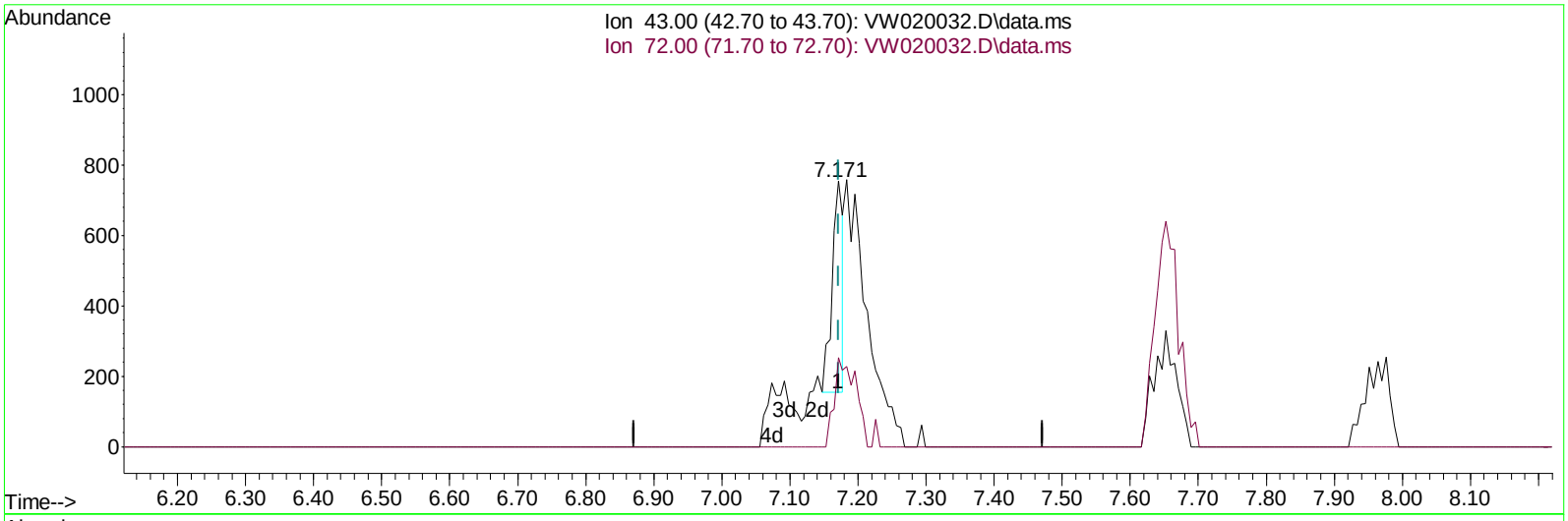
Quantitation Report (Qedit)

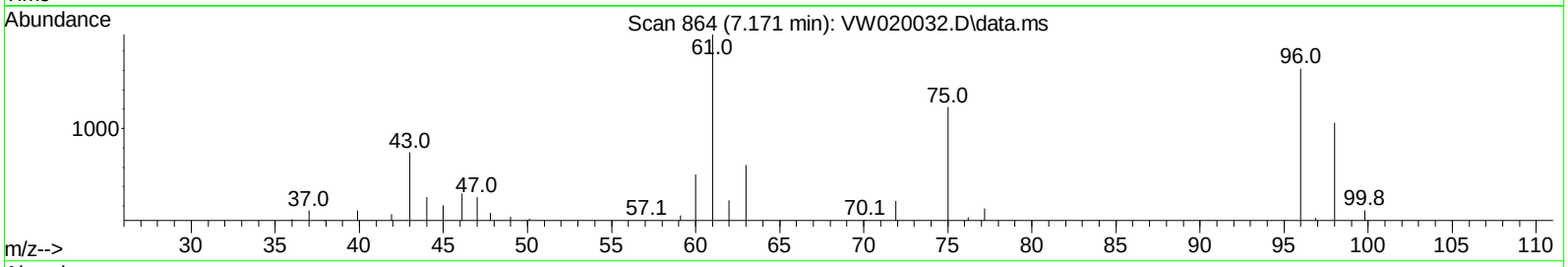
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091521\
Data File : VW020032.D
Acq On : 15 Sep 2021 12:01
Operator : SY/VA
Sample : MDL05
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

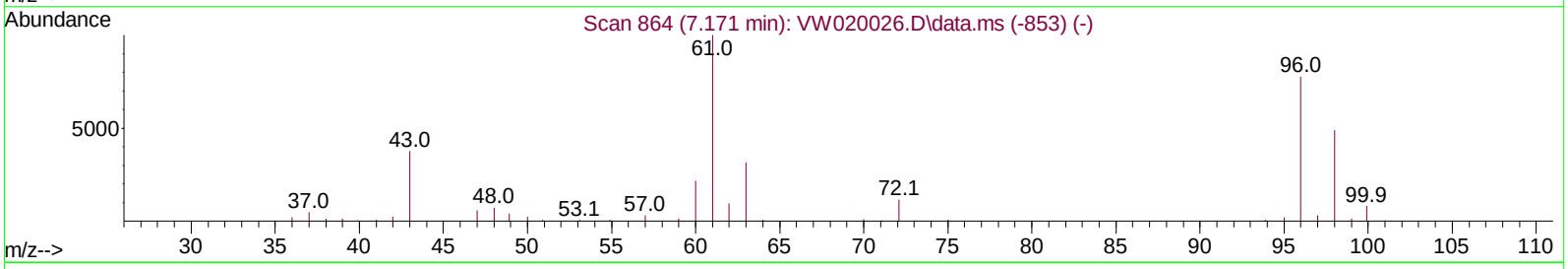
Quant Time: Sep 16 01:05:38 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091421SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Sep 16 00:47:26 2021
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
MDL05

Manual Integrations APPROVED
MMDadoda
9/17/2021 2:30:21 PM







TIC: VW020032.D\data.ms

(22) 2-Butanone (T)

7.171min (-0.000) 0.42 ug/L

response 676

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	29.80	81.51#
0.00	0.00	0.00
0.00	0.00	0.00

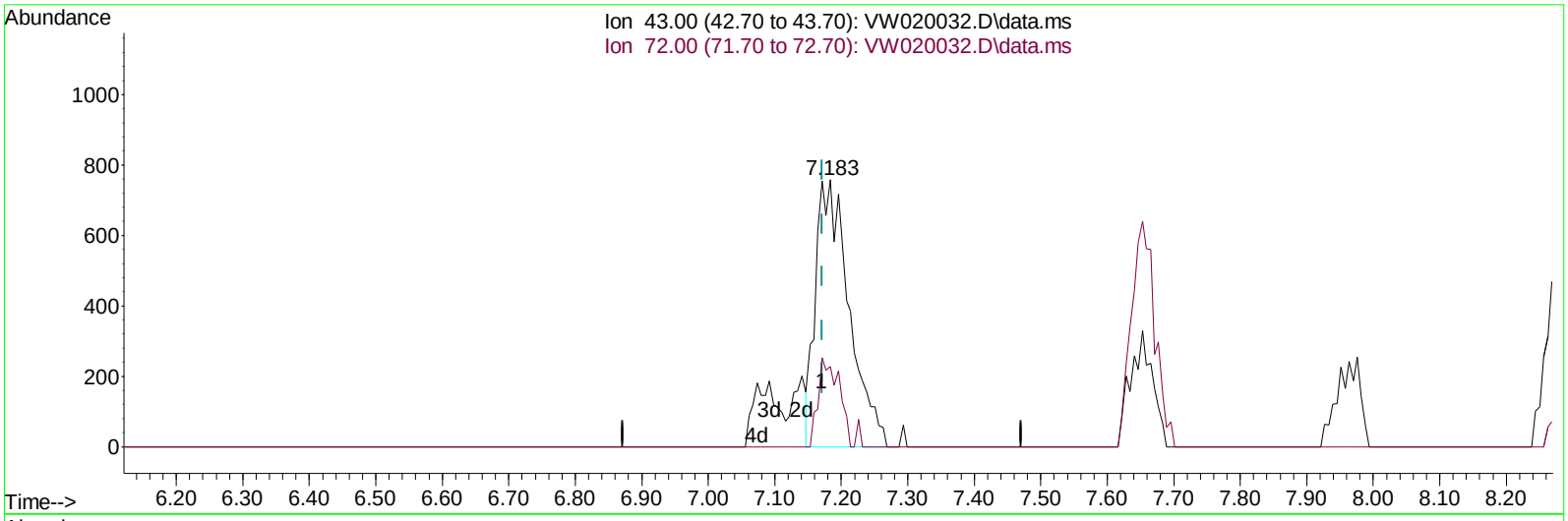
Quantitation Report (Qedit)

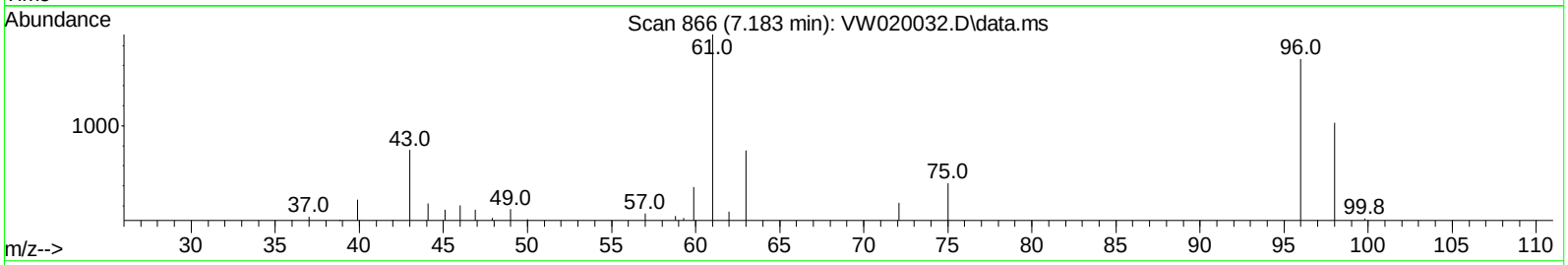
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091521\
Data File : VW020032.D
Acq On : 15 Sep 2021 12:01
Operator : SY/VA
Sample : MDL05
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

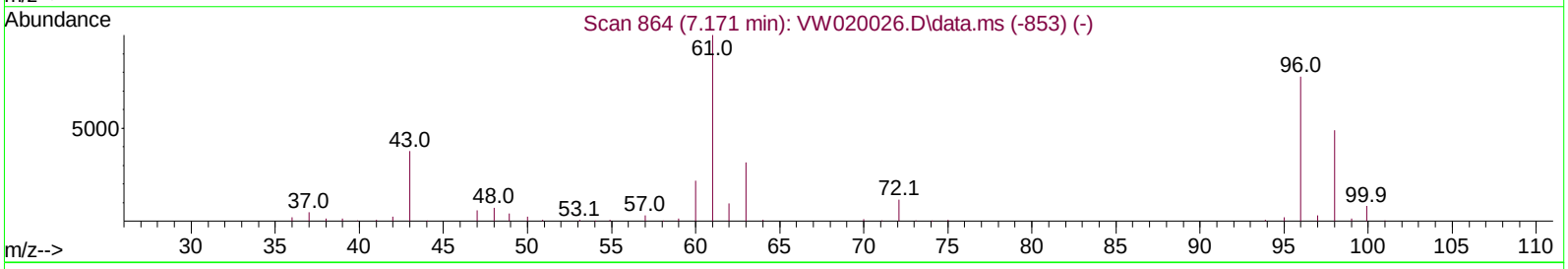
Quant Time: Sep 16 01:05:38 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091421SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Sep 16 00:47:26 2021
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
MDL05

Manual Integrations APPROVED
MMDadoda
9/17/2021 2:30:21 PM







TIC: VW020032.D\data.ms

(22) 2-Butanone (T)

7.183min (+ 0.012) 1.63 ug/L m

response 2641

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	29.80	20.86
0.00	0.00	0.00
0.00	0.00	0.00

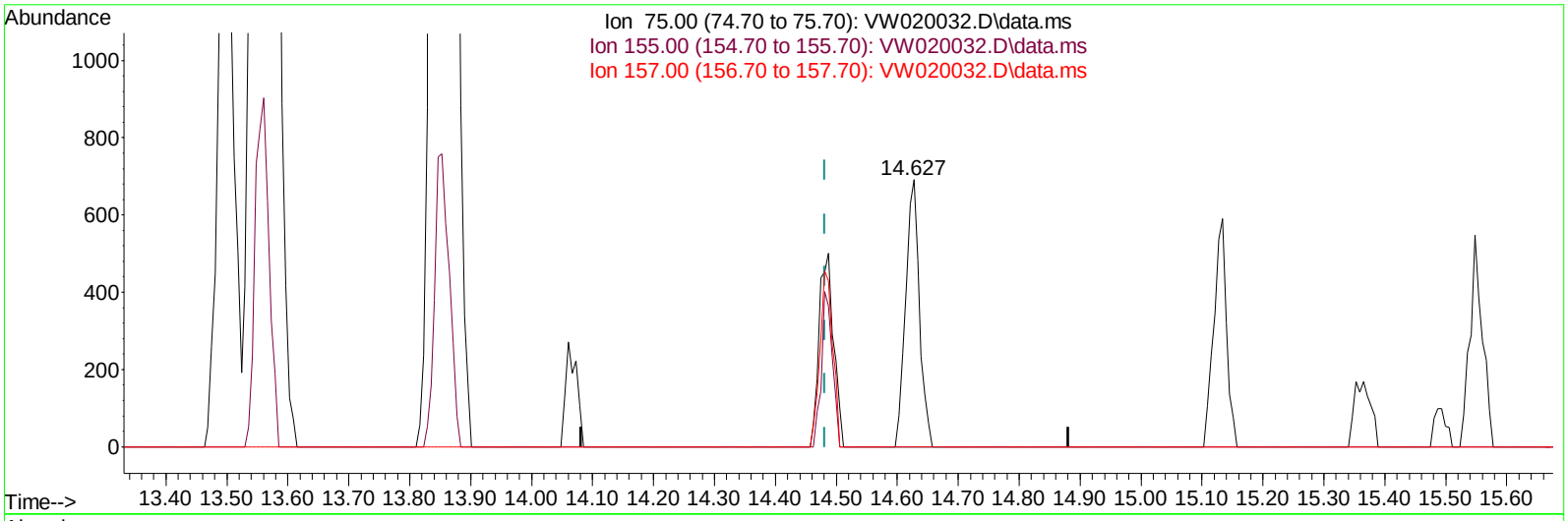
Quantitation Report (Qedit)

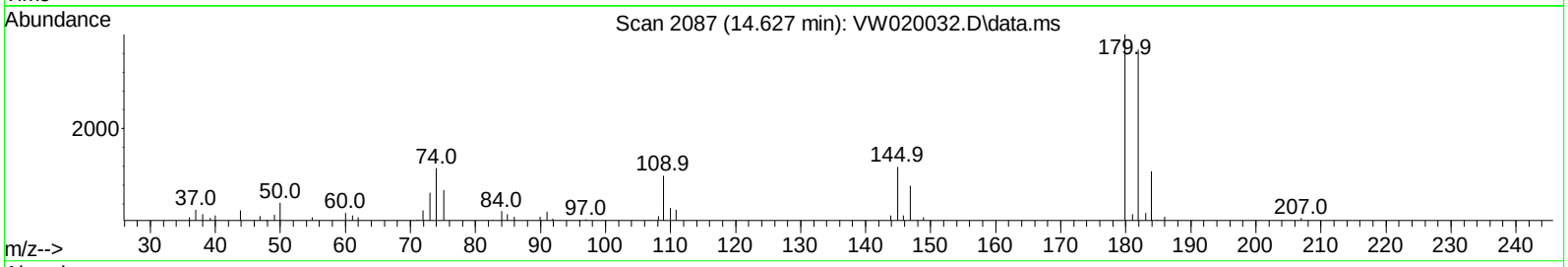
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091521\
Data File : VW020032.D
Acq On : 15 Sep 2021 12:01
Operator : SY/VA
Sample : MDL05
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

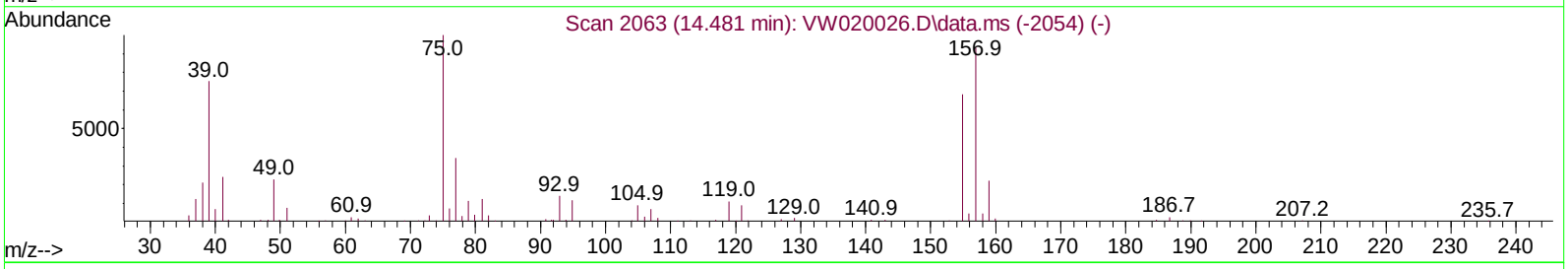
Quant Time: Sep 16 01:05:38 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091421SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Sep 16 00:47:26 2021
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
MDL05

Manual Integrations APPROVED
MMDadoda
9/17/2021 2:30:21 PM







TIC: VW020032.D\data.ms

(68) 1,2-Dibromo-3-chloropropane (T)

14.627min (+ 0.146) 1.37 ug/L

response 1090

Ion	Exp%	Act%
75.00	100.00	100.00
155.00	74.20	0.00#
157.00	90.20	0.00#
0.00	0.00	0.00

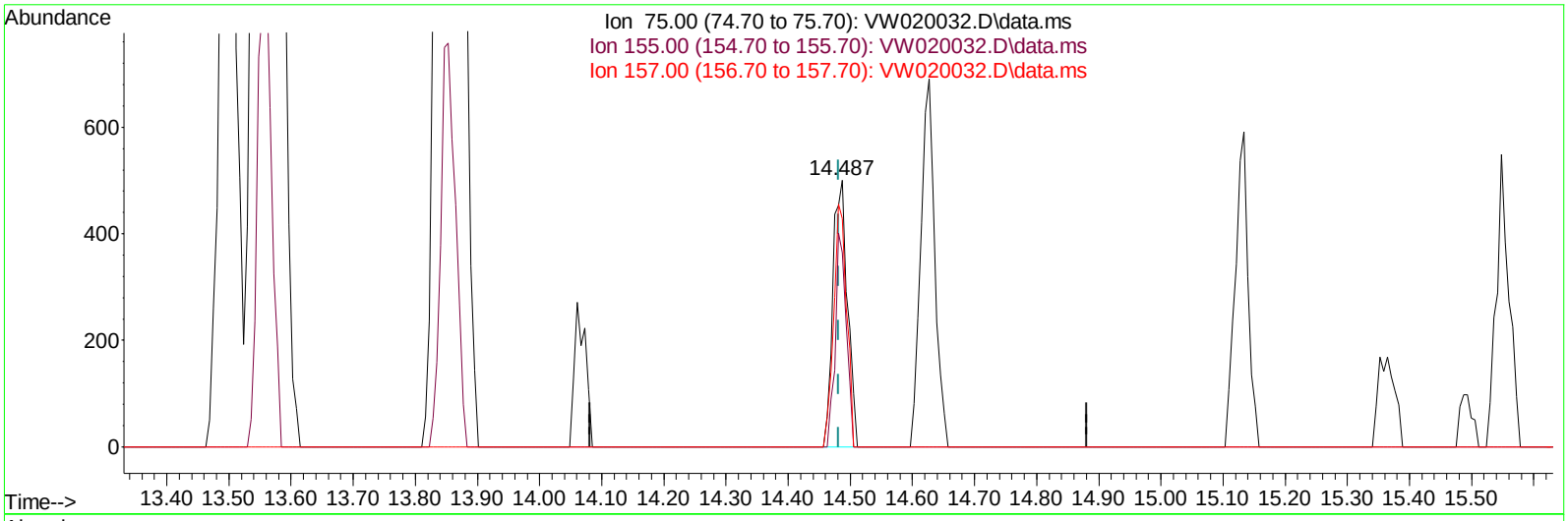
Quantitation Report (Qedit)

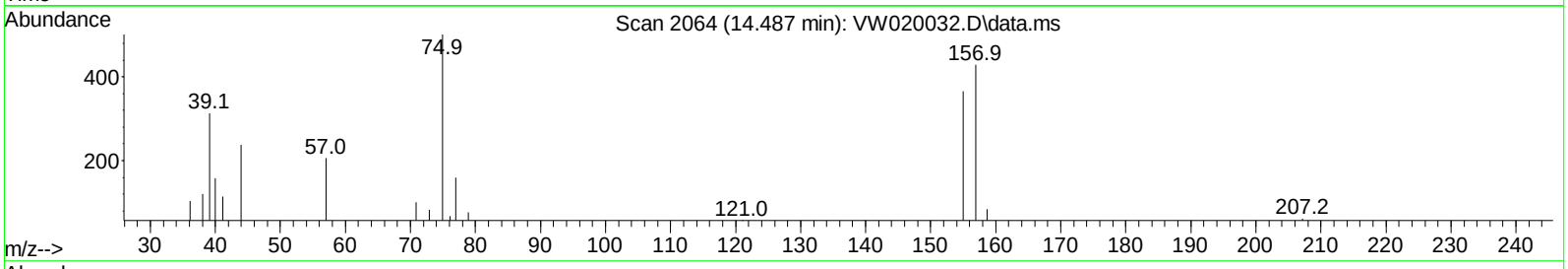
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091521\
Data File : VW020032.D
Acq On : 15 Sep 2021 12:01
Operator : SY/VA
Sample : MDL05
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

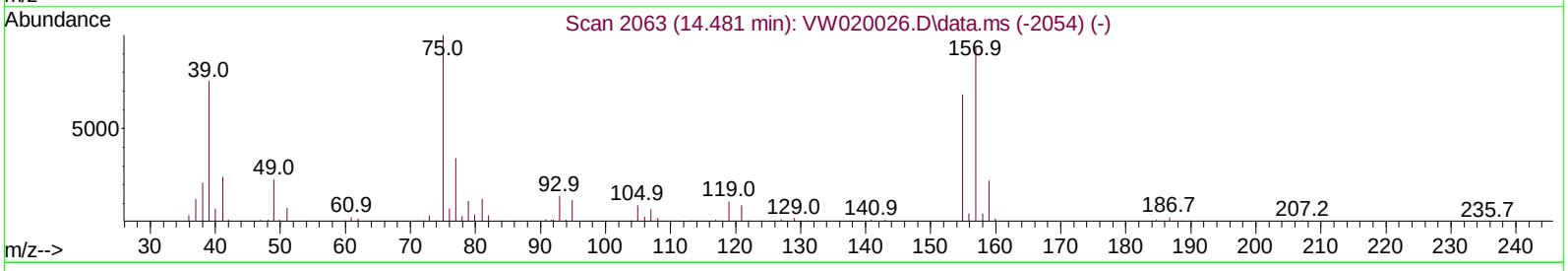
Quant Time: Sep 16 01:05:38 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091421SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Sep 16 00:47:26 2021
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
MDL05

Manual Integrations APPROVED
MMDadoda
9/17/2021 2:30:21 PM







TIC: VW020032.D\data.ms

(68) 1,2-Dibromo-3-chloropropane (T)

14.487min (+ 0.006) 1.03 ug/L m

response 819

Ion	Exp%	Act%
75.00	100.00	100.00
155.00	74.20	72.85
157.00	90.20	85.63
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091521\
Data File : VW020032.D
Acq On : 15 Sep 2021 12:01
Operator : SY/VA
Sample : MDL05
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
MDL05

Manual Integrations APPROVED
MMDadoda
9/17/2021 2:30:21 PM

Quant Time: Sep 16 01:05:38 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091421SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Sep 16 00:47:26 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	302582	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	288942	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	141245	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	129141	25.913	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 103.640%			
7) Chloroethane-d5	2.898	69	104107	24.270	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 97.080%			
11) 1,1-Dichloroethene-d2	4.025	63	143724	17.643	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 70.560%			
21) 2-Butanone-d5	7.086	46	49561	36.352	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 72.700%			
24) Chloroform-d	7.653	84	204333	24.508	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 98.040%			
26) 1,2-Dichloroethane-d4	8.311	65	122367	24.914	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.640%			
32) Benzene-d6	8.275	84	394424	25.019	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 100.080%			
36) 1,2-Dichloropropane-d6	9.281	67	118993	25.448	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 101.800%			
41) Toluene-d8	10.329	98	364587	24.672	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 98.680%			
43) trans-1,3-Dichloroprop...	10.579	79	52471	24.395	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 97.560%			
47) 2-Hexanone-d5	10.927	63	38183	39.971	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 79.940%			
56) 1,1,2,2-Tetrachloroeth...	12.695	84	101124	21.983	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 87.920%			
66) 1,2-Dichlorobenzene-d4	13.853	152	121191	25.177	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 100.720%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	3493m	1.113	ug/L	
3) Chloromethane	2.221	50	5369	1.271	ug/L	99
5) Vinyl chloride	2.367	62	7698	1.165	ug/L #	47
6) Bromomethane	2.788	94	4748	1.025	ug/L	91
8) Chloroethane	2.934	64	4739	1.175	ug/L	88
9) Trichlorofluoromethane	3.263	101	3444	0.893	ug/L #	64
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	6197m	1.429	ug/L	
12) 1,1-Dichloroethene	4.050	96	5271	1.284	ug/L #	1
13) Acetone	4.141	43	2317m	1.790	ug/L	
14) Carbon disulfide	4.391	76	13847	1.033	ug/L	98
15) Methyl Acetate	4.684	43	1992	0.882	ug/L #	67
16) Methylene chloride	4.928	84	11107	2.083	ug/L	90
17) trans-1,2-Dichloroethene	5.428	96	4373	1.011	ug/L	76
18) Methyl tert-butyl Ether	5.428	73	5127	0.949	ug/L	93
19) 1,1-Dichloroethane	6.220	63	8428	1.089	ug/L	90
20) cis-1,2-Dichloroethene	7.177	96	4603	1.030	ug/L	99
22) 2-Butanone	7.183	43	2641m	1.628	ug/L	
23) Bromochloromethane	7.525	128	2231	1.079	ug/L #	87

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091521\
Data File : VW020032.D
Acq On : 15 Sep 2021 12:01
Operator : SY/VA
Sample : MDL05
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 16 01:05:38 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091421SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Sep 16 00:47:26 2021
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
MDL05

Manual Integrations APPROVED
MMDadoda
9/17/2021 2:30:21 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) Chloroform	7.677	83	9842	1.211	ug/L		98
27) 1,2-Dichloroethane	8.403	62	6696	1.177	ug/L		95
29) Cyclohexane	7.964	56	5082	0.781	ug/L	#	94
30) 1,1,1-Trichloroethane	7.878	97	6981	1.031	ug/L		93
31) Carbon tetrachloride	8.067	117	6793	1.075	ug/L		99
33) Benzene	8.330	78	19820	1.139	ug/L		100
34) Trichloroethene	9.092	95	4874	1.058	ug/L		86
35) Methylcyclohexane	9.335	83	6345	0.817	ug/L		92
37) 1,2-Dichloropropane	9.372	63	4793	1.138	ug/L	#	95
38) Bromodichloromethane	9.646	83	6538	1.151	ug/L		99
39) cis-1,3-Dichloropropene	10.073	75	7051	1.109	ug/L		90
40) 4-Methyl-2-pentanone	10.213	43	4602	1.532	ug/L		98
42) Toluene	10.390	91	25362	1.367	ug/L		98
44) trans-1,3-Dichloropropene	10.610	75	8601	1.429	ug/L		92
45) 1,1,2-Trichloroethane	10.792	97	3944	1.171	ug/L		93
46) Tetrachloroethene	10.866	164	3700	1.038	ug/L		97
48) 2-Hexanone	10.969	43	3660	1.700	ug/L		97
49) Dibromochloromethane	11.128	129	4052	1.047	ug/L		97
50) 1,2-Dibromoethane	11.231	107	3565	1.076	ug/L	#	93
51) Chlorobenzene	11.658	112	13005	1.081	ug/L		100
52) Ethylbenzene	11.731	91	18450	0.910	ug/L		98
53) m,p-Xylene	11.841	106	6969	0.904	ug/L		97
54) o-Xylene	12.170	106	5683	0.781	ug/L		92
55) Styrene	12.182	104	9326	0.745	ug/L		95
57) 1,1,2,2-Tetrachloroethane	12.713	83	5031	1.140	ug/L	#	92
59) Bromoform	12.353	173	2127	0.995	ug/L	#	95
60) Isopropylbenzene	12.469	105	14169	0.756	ug/L		98
61) 1,2,3-Trichloropropane	12.768	75	3446	1.043	ug/L	#	92
62) 1,3,5-Trimethylbenzene	12.945	105	11257	0.739	ug/L		96
63) 1,2,4-Trimethylbenzene	13.249	105	11569	0.773	ug/L		95
64) 1,3-Dichlorobenzene	13.499	146	8395	0.974	ug/L		91
65) 1,4-Dichlorobenzene	13.579	146	9728	1.108	ug/L		95
67) 1,2-Dichlorobenzene	13.871	146	9017	1.149	ug/L		94
68) 1,2-Dibromo-3-chloropr...	14.487	75	819m	1.028	ug/L		
69) 1,3,5-Trichlorobenzene	14.627	180	5995	1.006	ug/L		96
70) 1,2,4-trichlorobenzene	15.133	180	4663	0.999	ug/L		96
71) Naphthalene	15.365	128	7434	0.746	ug/L		98
72) 1,2,3-Trichlorobenzene	15.554	180	4242	0.969	ug/L		92

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

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Quant Title : SFAM01.0
QLast Update : Thu Sep 16 00:47:26 2021
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
MDL05

Manual Integrations APPROVED
MMDadoda
9/17/2021 2:30:21 PM