Quantitation Report (Qedit)

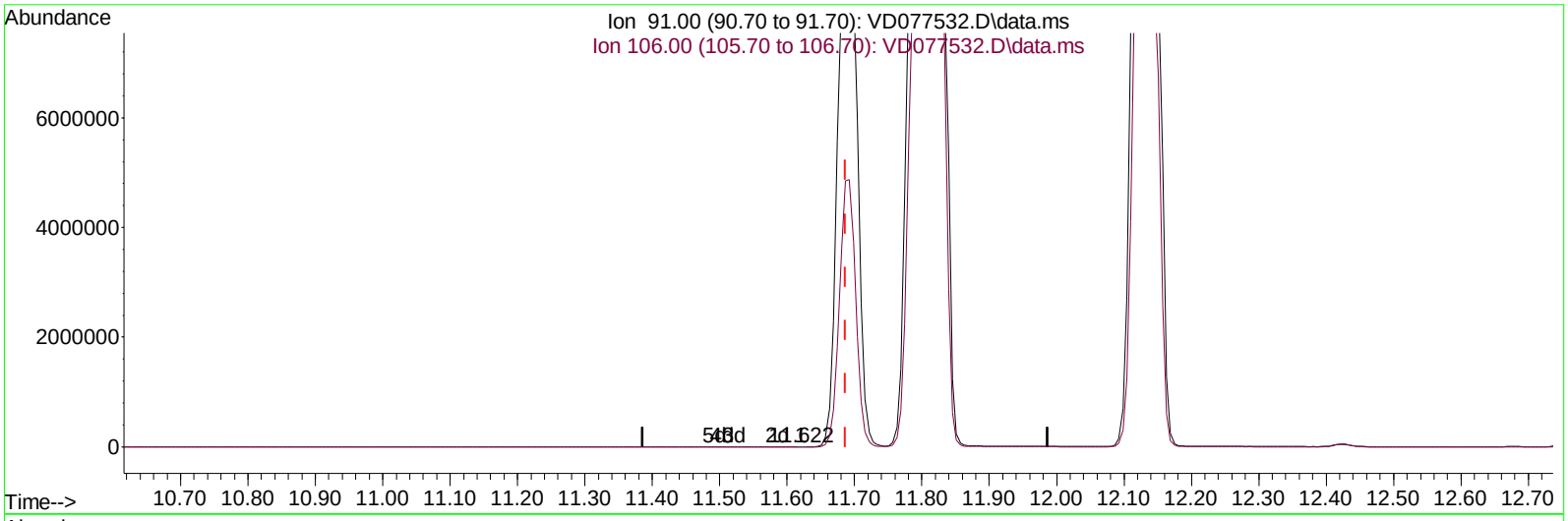
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110923\
Data File : VD077532.D
Acq On : 09 Nov 2023 13:30
Operator : JC/SY
Sample : 05296-01
Misc : 5.95G/10ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

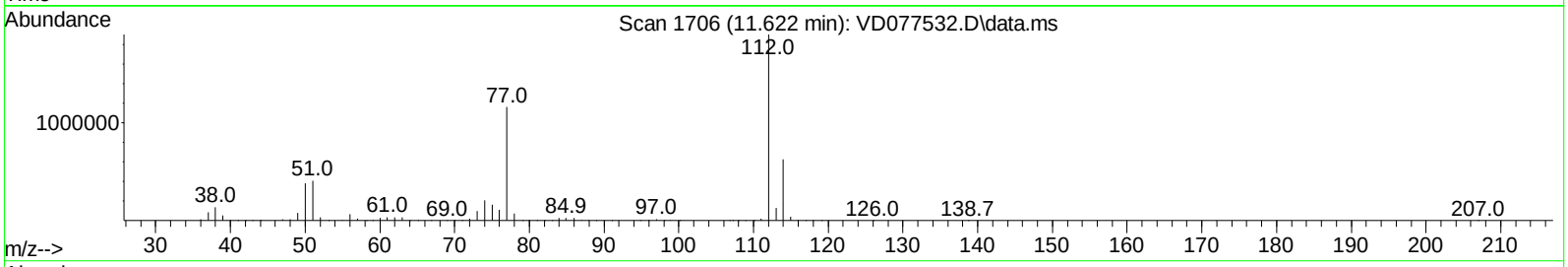
Quant Time: Nov 10 02:08:40 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Nov 10 02:07:44 2023
Response via : Initial Calibration

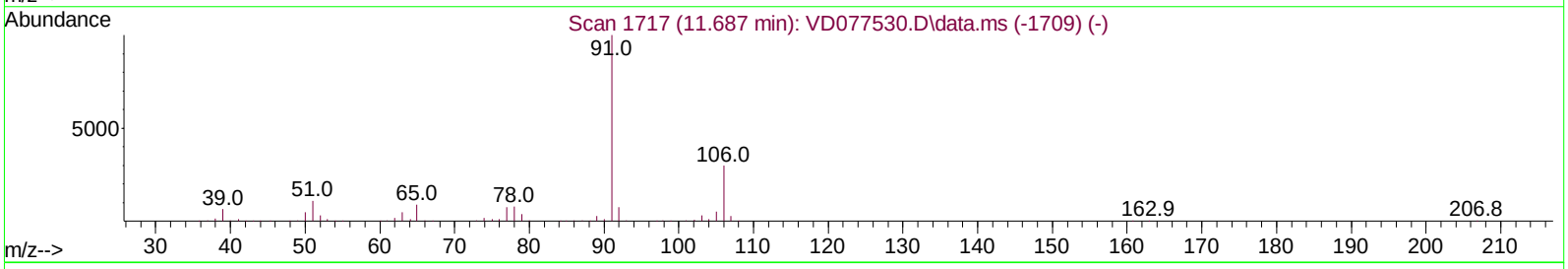
Instrument :
MSVOA_D
ClientSampleId :
BH3R1

Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 11/10/2023
Supervised By :Semsettin Yesilyurt 11/10/2023







TIC: VD077532.D\data.ms

(52) Ethylbenzene (T)

11.622min (-0.065) 0.00 ug/L

response 54

Ion	Exp%	Act%
91.00	100.00	100.00
106.00	31.40	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

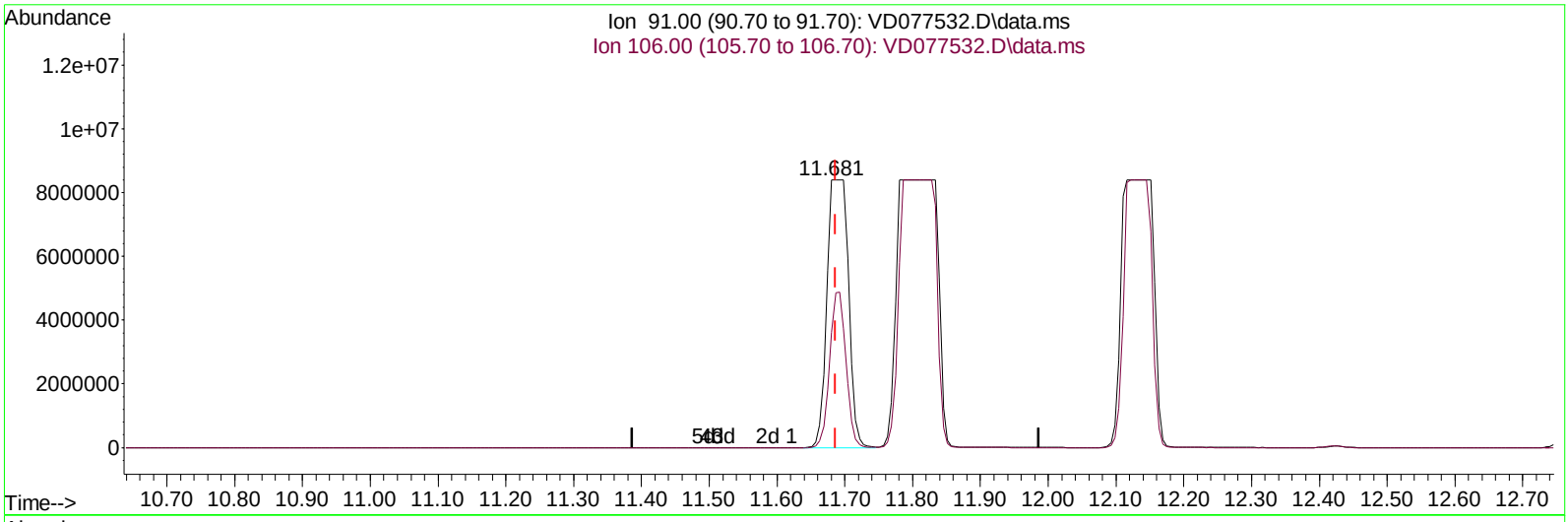
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110923\
Data File : VD077532.D
Acq On : 09 Nov 2023 13:30
Operator : JC/SY
Sample : 05296-01
Misc : 5.95G/10ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

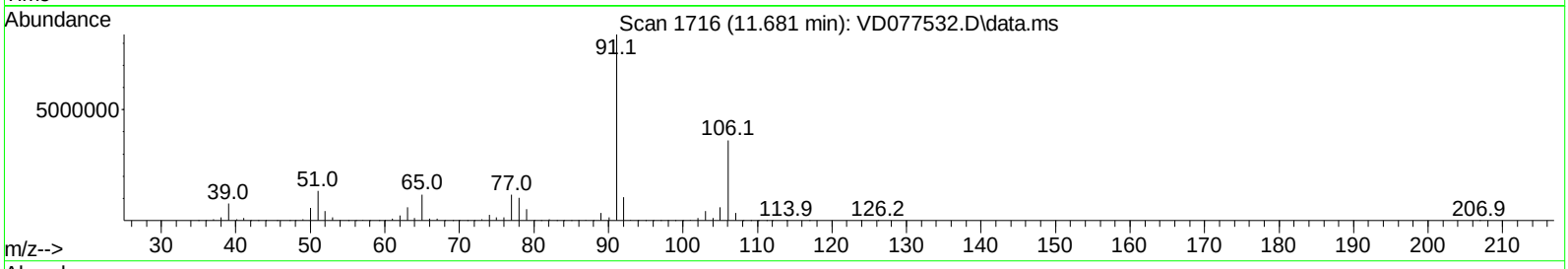
Quant Time: Nov 10 02:08:40 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Nov 10 02:07:44 2023
Response via : Initial Calibration

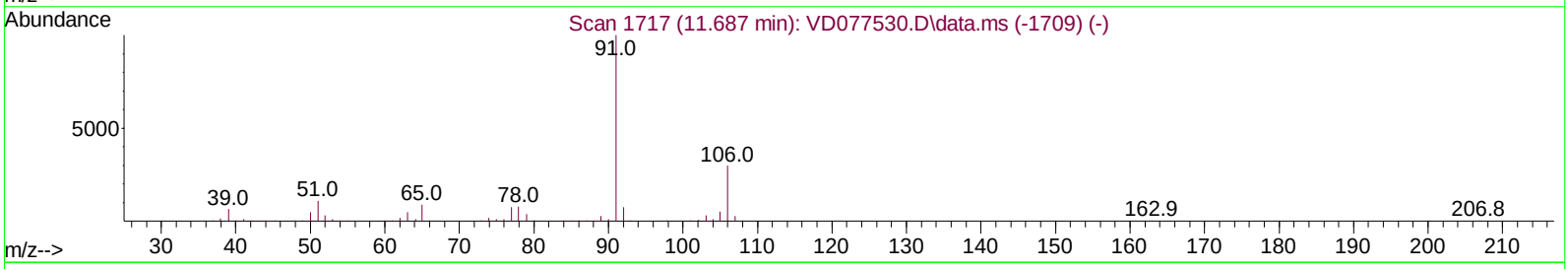
Instrument :
MSVOA_D
ClientSampleId :
BH3R1

Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 11/10/2023
Supervised By :Semsettin Yesilyurt 11/10/2023







TIC: VD077532.D\data.ms

(52) Ethylbenzene (T)

11.681min (-0.006) 534.68 ug/L m

response 18422556

Ion	Exp%	Act%
91.00	100.00	100.00
106.00	31.40	43.08#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

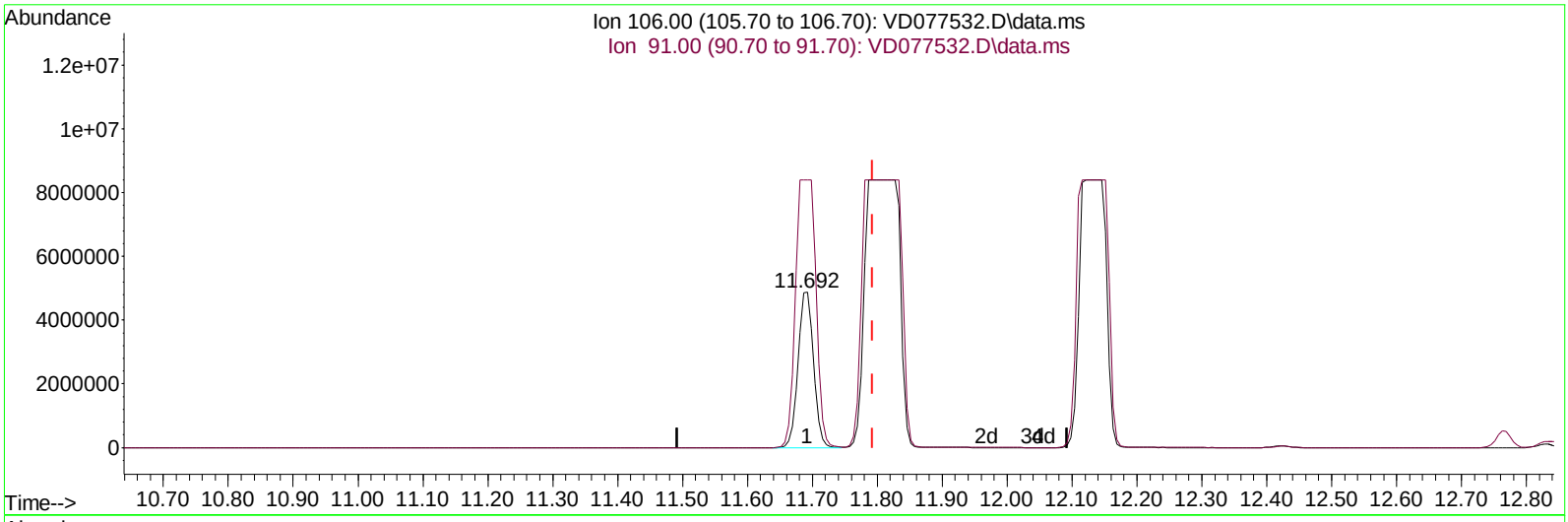
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110923\
Data File : VD077532.D
Acq On : 09 Nov 2023 13:30
Operator : JC/SY
Sample : 05296-01
Misc : 5.95G/10ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

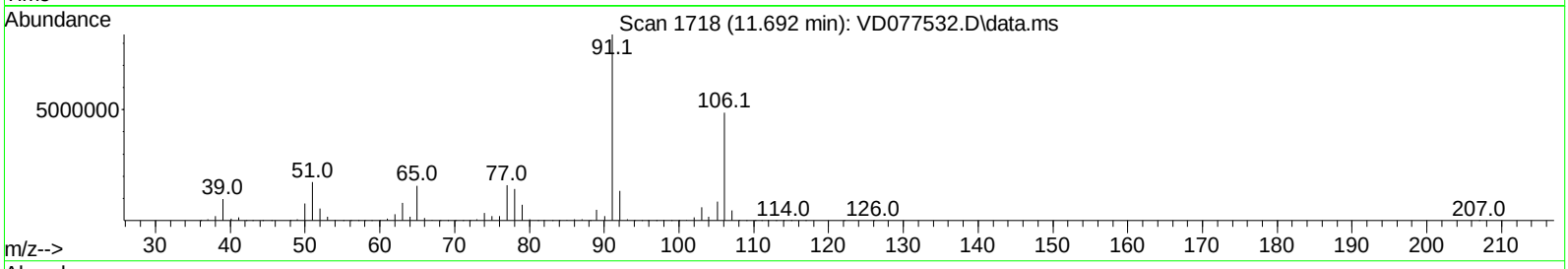
Quant Time: Nov 10 02:08:40 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Nov 10 02:07:44 2023
Response via : Initial Calibration

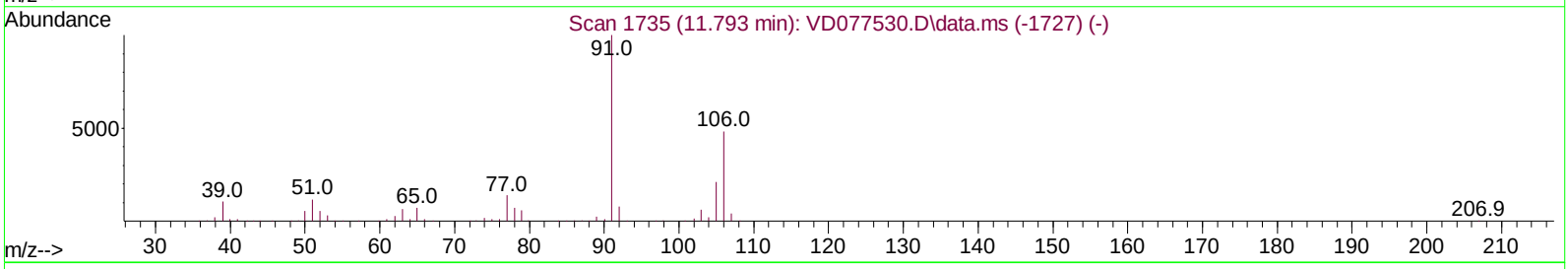
Instrument :
MSVOA_D
ClientSampleId :
BH3R1

Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 11/10/2023
Supervised By :Semsettin Yesilyurt 11/10/2023







TIC: VD077532.D\data.ms

(53) m,p-Xylene (T)

11.692min (-0.100) 648.46 ug/L

response 8130425

Ion	Exp%	Act%
106.00	100.00	100.00
91.00	209.50	172.24
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110923\
Data File : VD077532.D
Acq On : 09 Nov 2023 13:30
Operator : JC/SY
Sample : 05296-01
Misc : 5.95G/10ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 10 02:08:40 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Nov 10 02:07:44 2023
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
BH3R1

Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 11/10/2023
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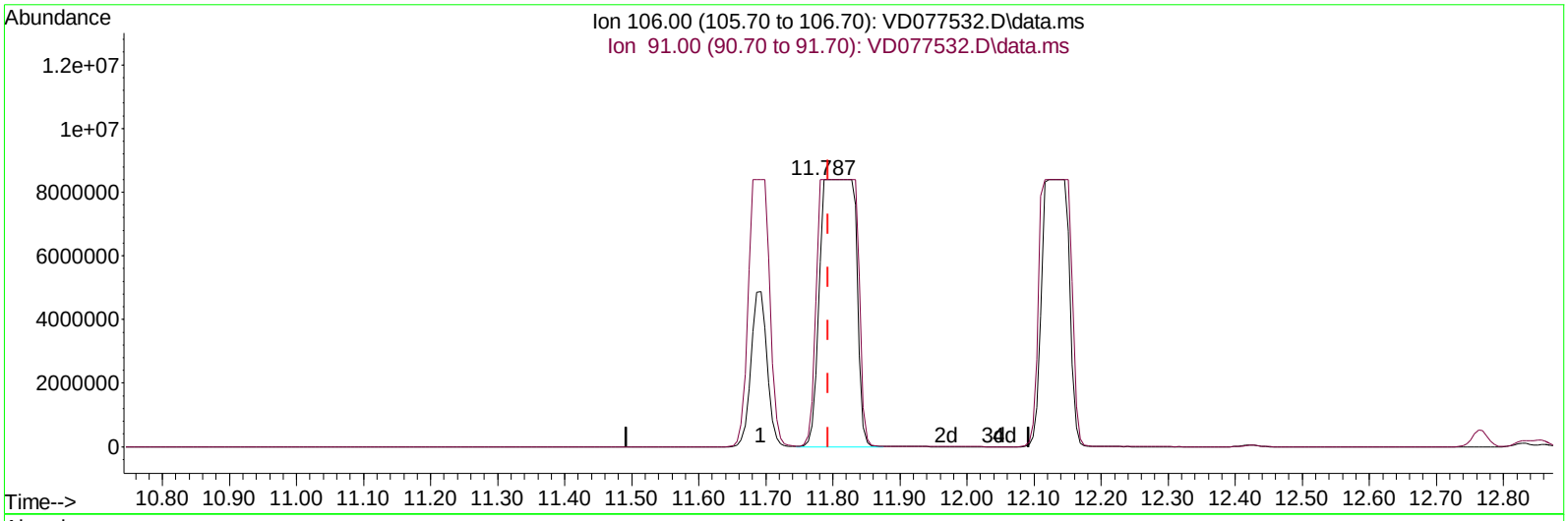
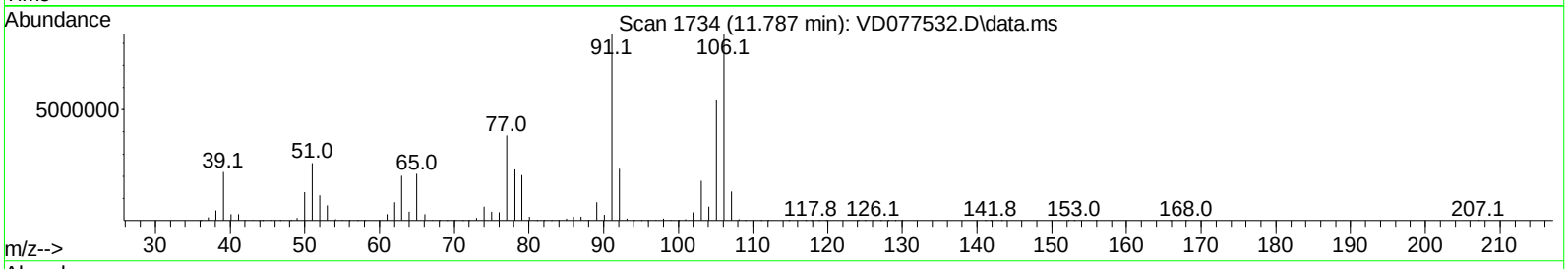
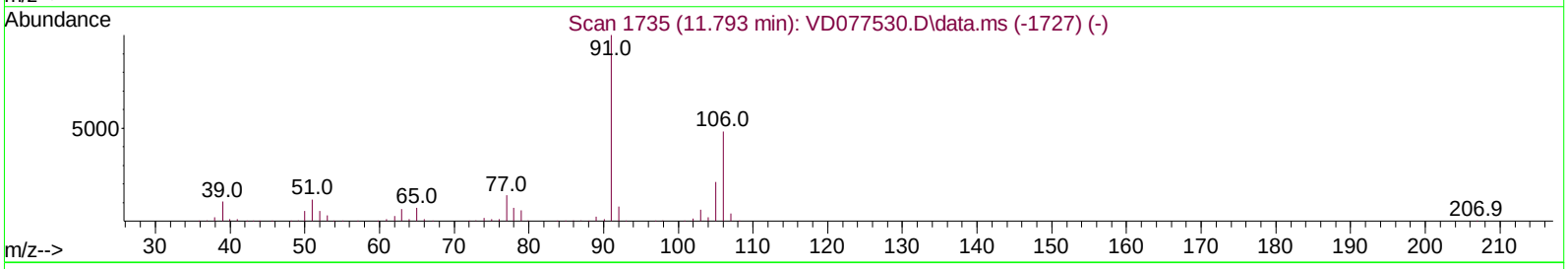






TIC: VD077532.D\data.ms

(53) m,p-Xylene (T)

11.787min (-0.006) 2456.99 ug/L m

response 30805958

Ion	Exp%	Act%
106.00	100.00	100.00
91.00	209.50	100.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

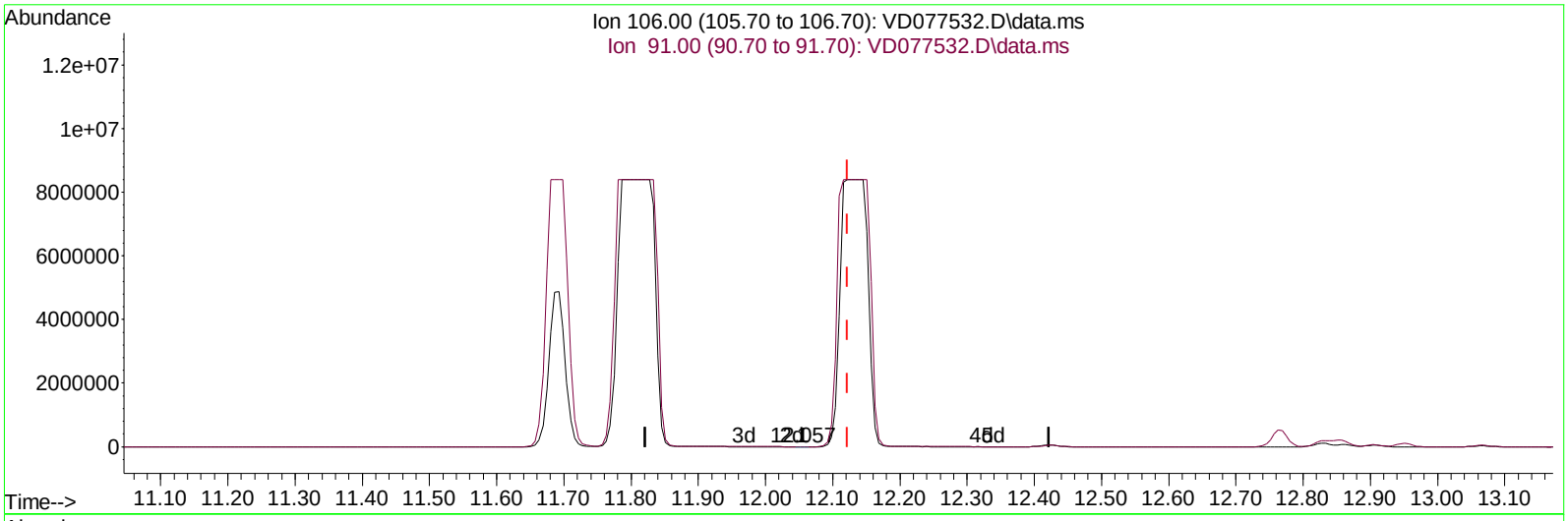
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110923\
Data File : VD077532.D
Acq On : 09 Nov 2023 13:30
Operator : JC/SY
Sample : 05296-01
Misc : 5.95G/10ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

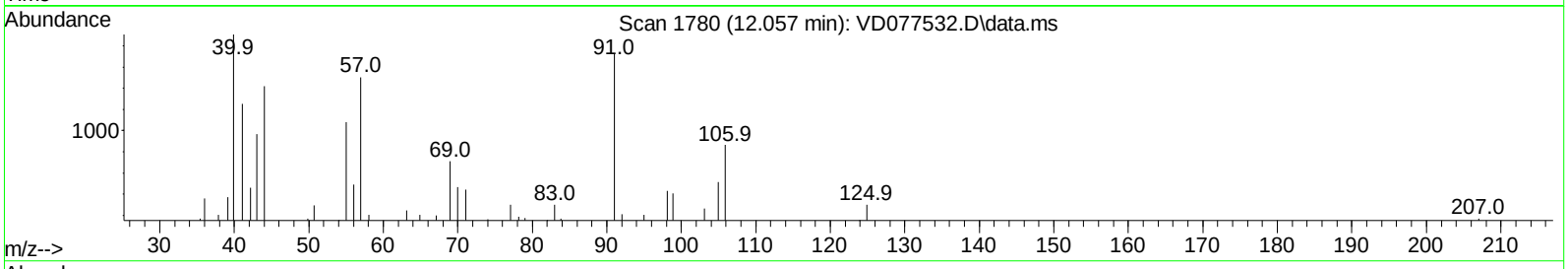
Quant Time: Nov 10 02:08:40 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Nov 10 02:07:44 2023
Response via : Initial Calibration

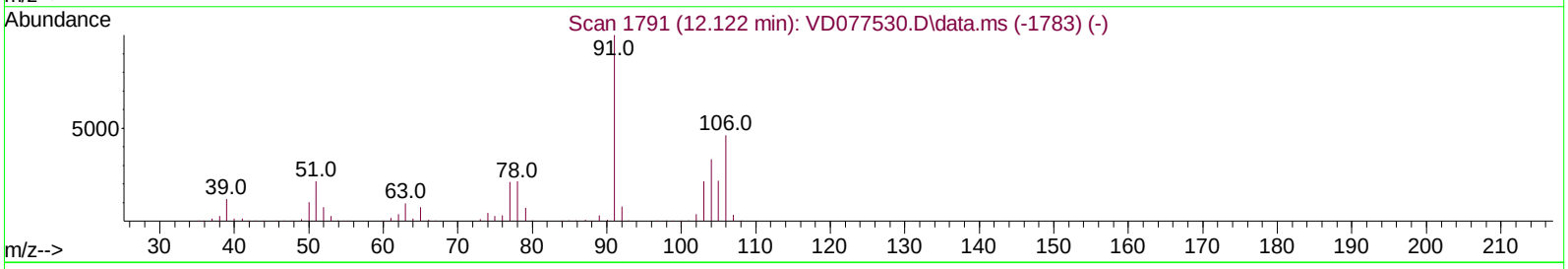
Instrument :
MSVOA_D
ClientSampleId :
BH3R1

Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 11/10/2023
Supervised By :Semsettin Yesilyurt 11/10/2023







TIC: VD077532.D\data.ms

(54) o-Xylene (T)

12.057min (-0.065) 0.02 ug/L

response 293

Ion	Exp%	Act%
106.00	100.00	100.00
91.00	226.50	199.42
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

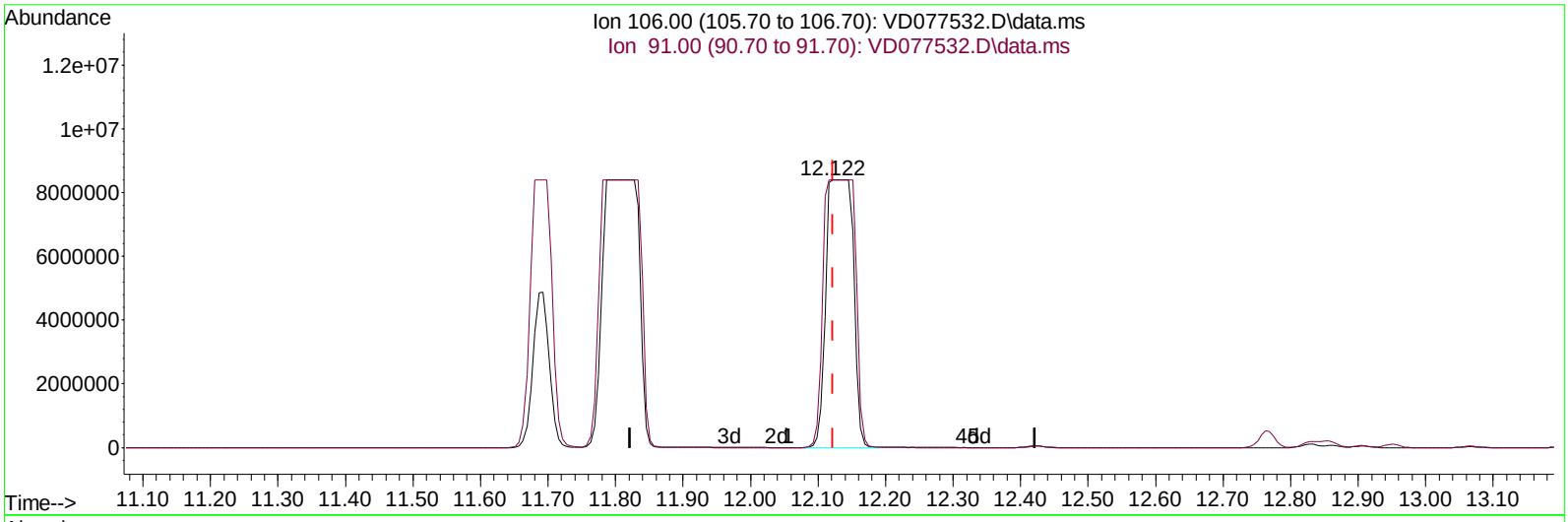
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110923\
Data File : VD077532.D
Acq On : 09 Nov 2023 13:30
Operator : JC/SY
Sample : 05296-01
Misc : 5.95G/10ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

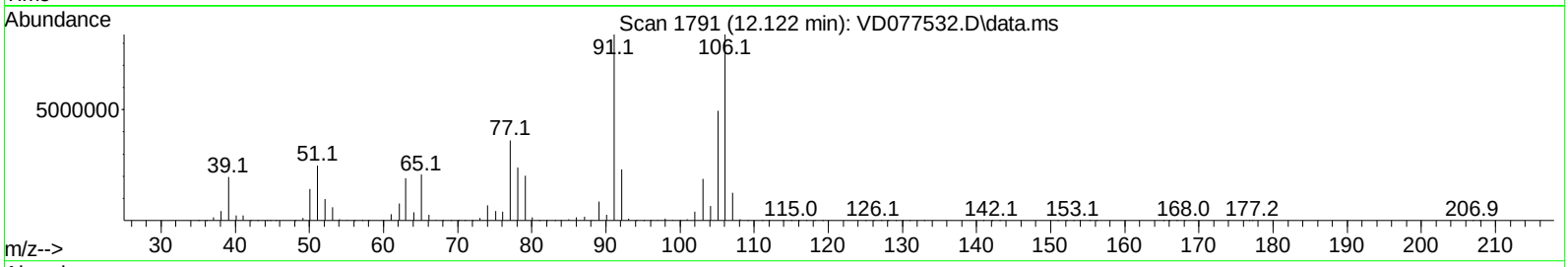
Quant Time: Nov 10 02:08:40 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Nov 10 02:07:44 2023
Response via : Initial Calibration

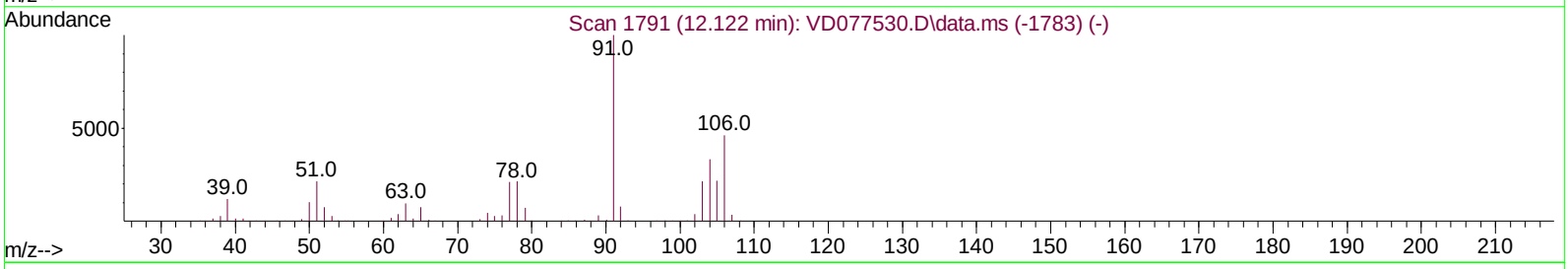
Instrument :
MSVOA_D
ClientSampleId :
BH3R1

Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 11/10/2023
Supervised By :Semsettin Yesilyurt 11/10/2023







TIC: VD077532.D\data.ms

(54) o-Xylene (T)

12.122min (-0.000) 1943.00 ug/L m

response 23332219

Ion	Exp%	Act%
106.00	100.00	100.00
91.00	226.50	100.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110923\
Data File : VD077532.D
Acq On : 09 Nov 2023 13:30
Operator : JC/SY
Sample : 05296-01
Misc : 5.95G/10ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 10 02:08:40 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Nov 10 02:07:44 2023
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
BH3R1

Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 11/10/2023
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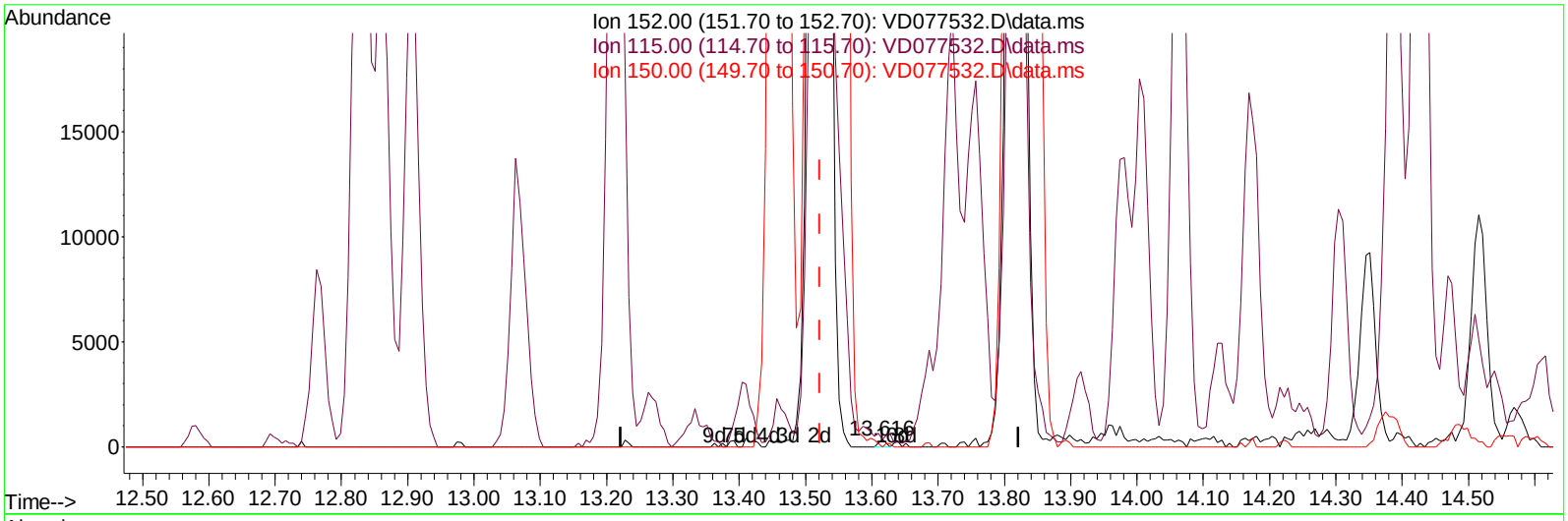

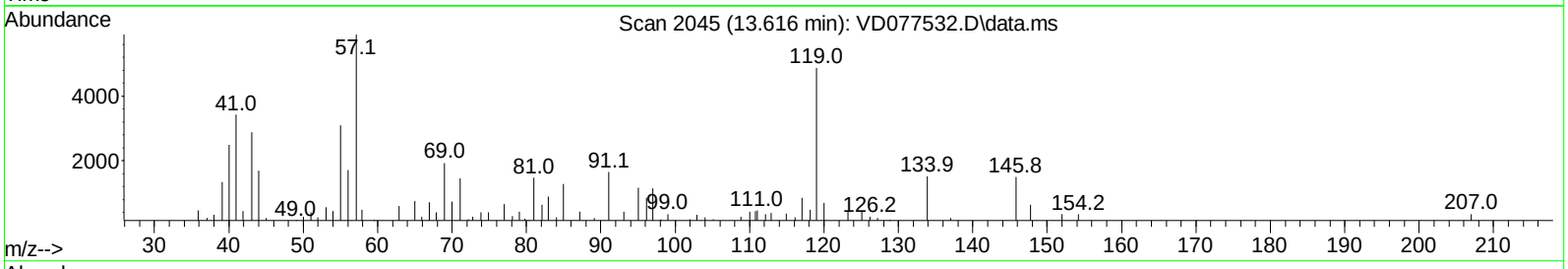

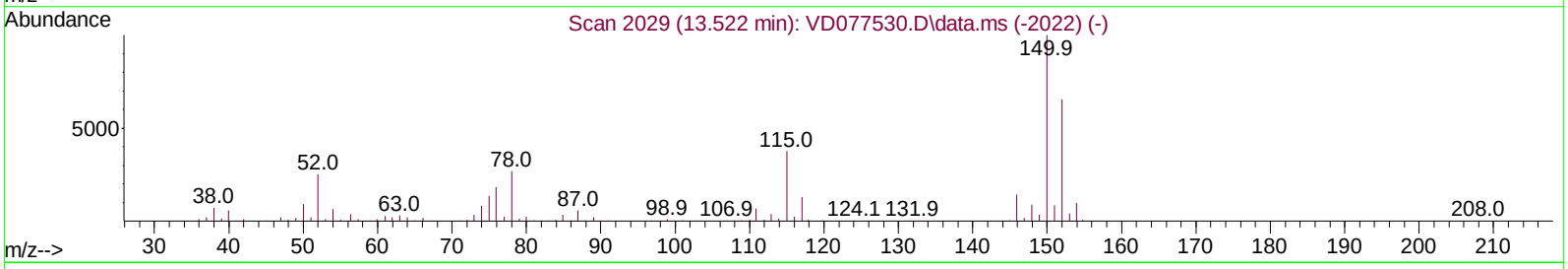

TIC: VD077532.D\data.ms

(58) 1,4-Dichlorobenzene-d4 (I)

13.616min (+ 0.094) 25.00 ug/L

response 239

Ion	Exp%	Act%
152.00	100.00	100.00
115.00	58.80	116.74
150.00	169.50	47.70
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110923\
Data File : VD077532.D
Acq On : 09 Nov 2023 13:30
Operator : JC/SY
Sample : 05296-01
Misc : 5.95G/10ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 10 02:08:40 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Nov 10 02:07:44 2023
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
BH3R1

Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 11/10/2023
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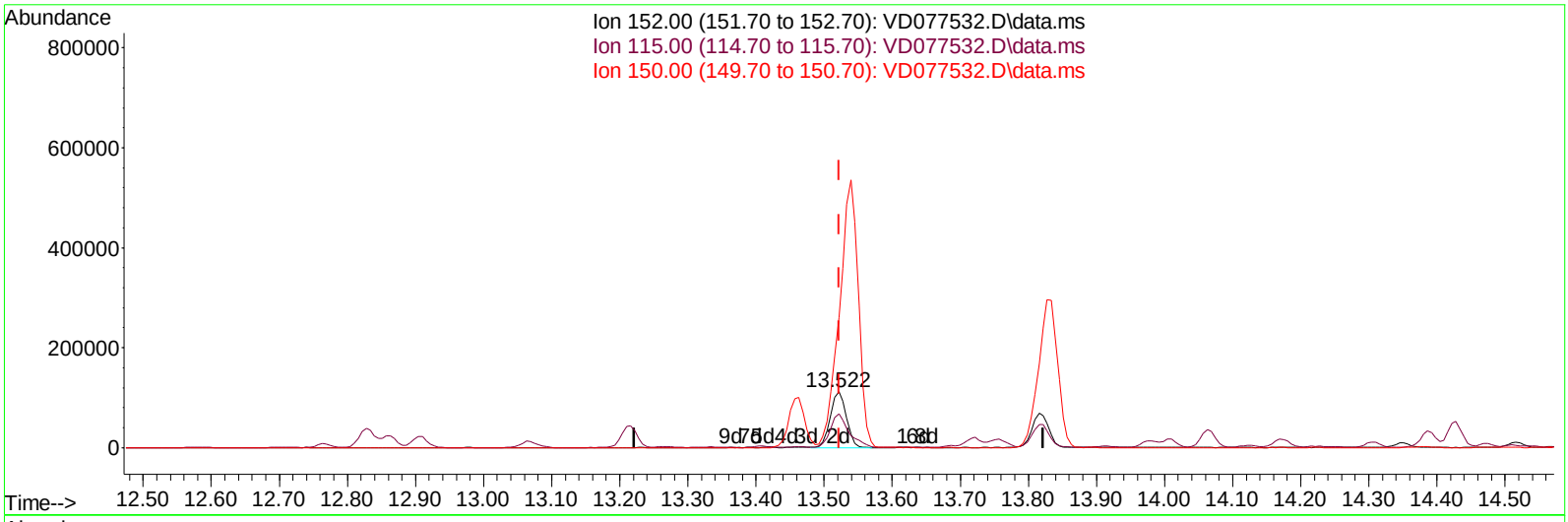

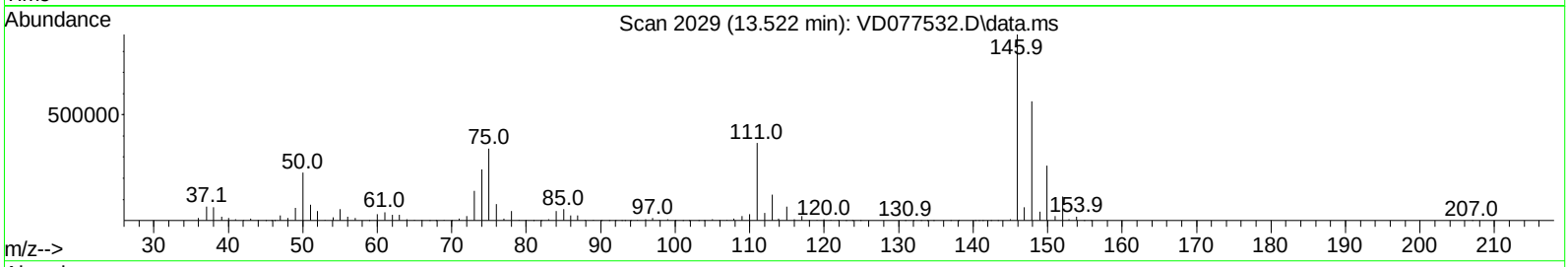

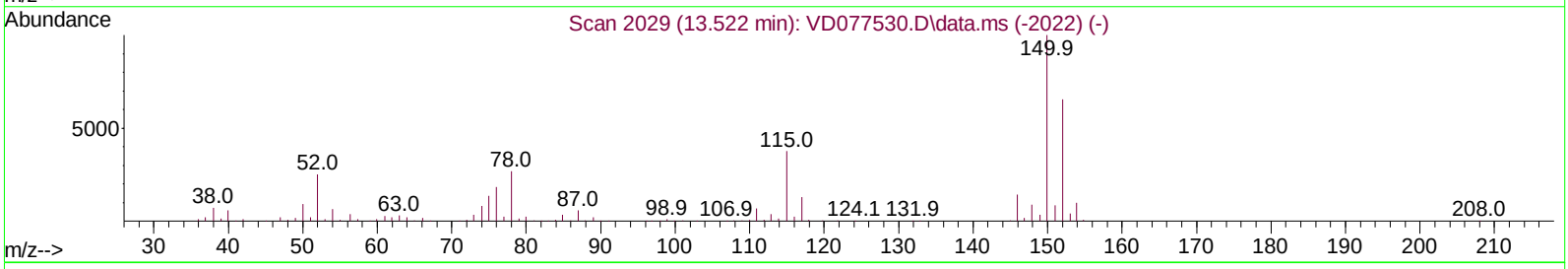

TIC: VD077532.D\data.ms

(58) 1,4-Dichlorobenzene-d4 (I)

13.522min (-0.000) 25.00 ug/L m

response 183469

Ion	Exp%	Act%
152.00	100.00	100.00
115.00	58.80	0.15
150.00	169.50	0.06
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110923\
Data File : VD077532.D
Acq On : 09 Nov 2023 13:30
Operator : JC/SY
Sample : 05296-01
Misc : 5.95G/10ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 10 02:08:40 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Nov 10 02:07:44 2023
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
BH3R1

Manual IntegrationsAPPROVED

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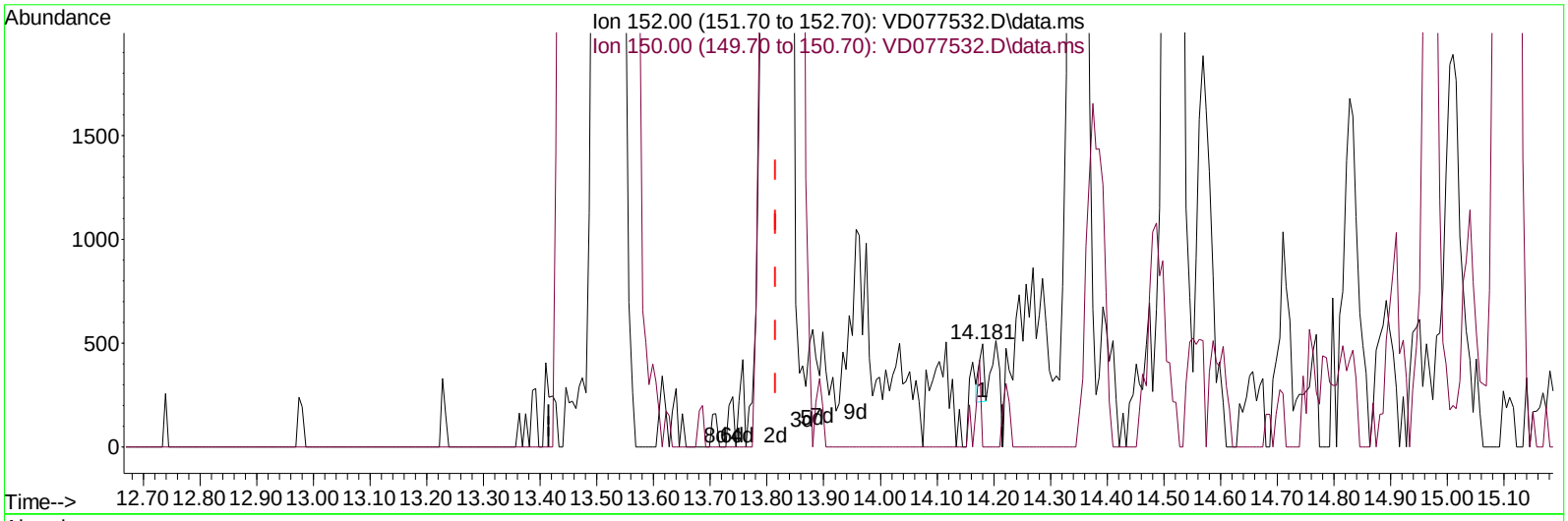

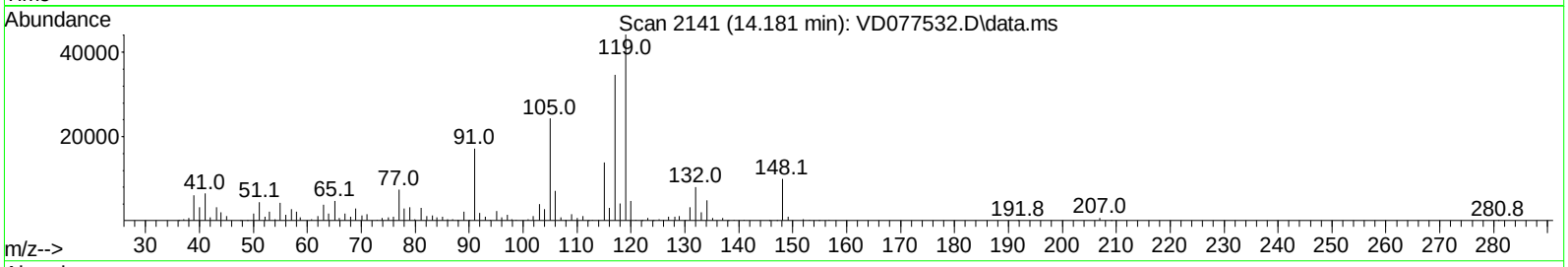

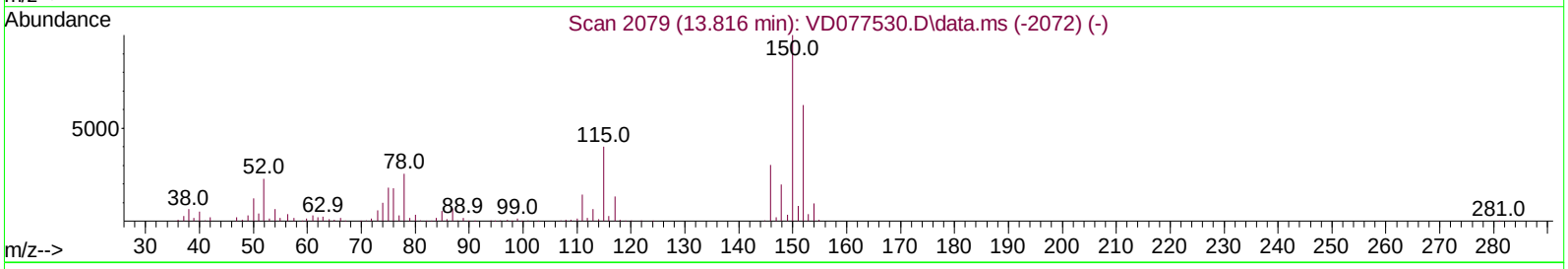

TIC: VD077532.D\data.ms

(66) 1,2-Dichlorobenzene-d4 (S)

14.181min (+ 0.365) 0.03 ug/L

response 170

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	172.10	121.18
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110923\
Data File : VD077532.D
Acq On : 09 Nov 2023 13:30
Operator : JC/SY
Sample : 05296-01
Misc : 5.95G/10ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 10 02:08:40 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Nov 10 02:07:44 2023
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
BH3R1

Manual IntegrationsAPPROVED

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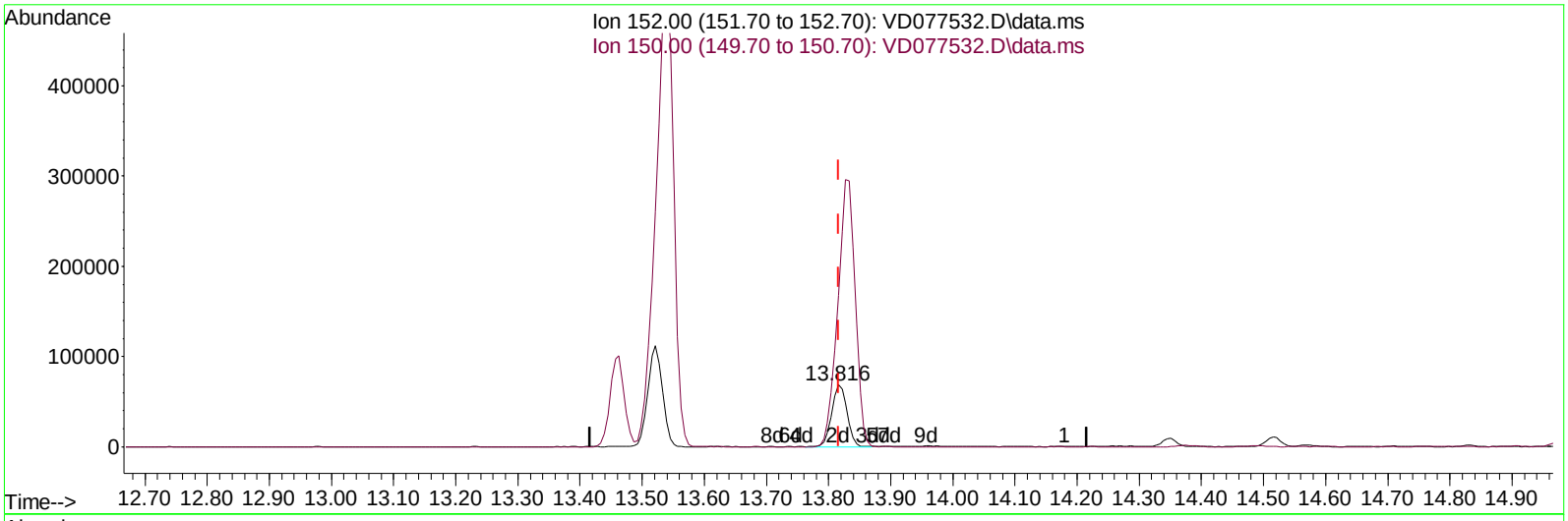
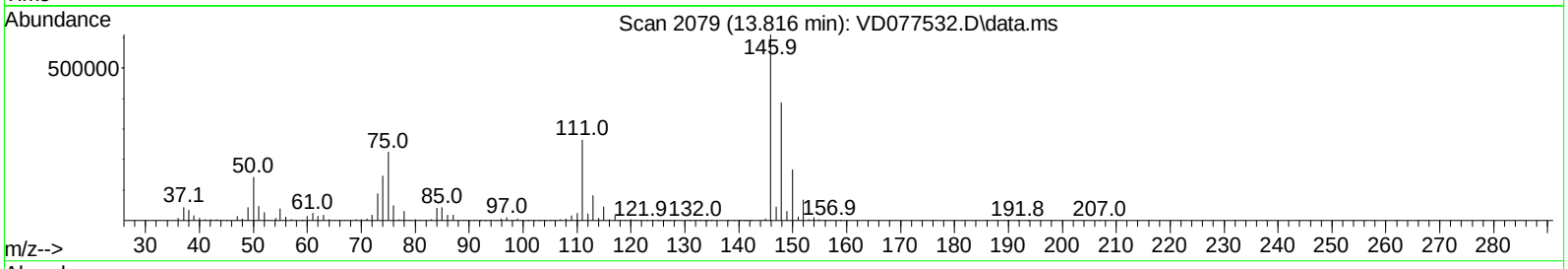
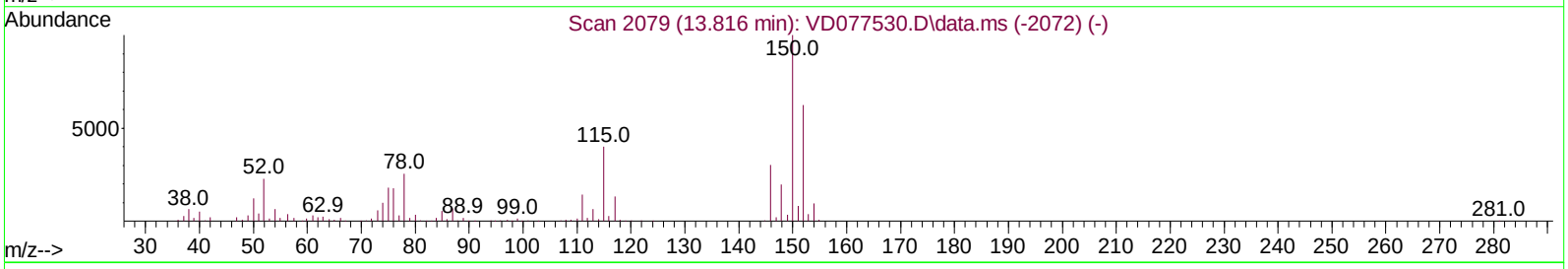






TIC: VD077532.D\data.ms

(66) 1,2-Dichlorobenzene-d4 (S)

13.816min (-0.000) 18.04 ug/L m

response 117740

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	172.10	0.17#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

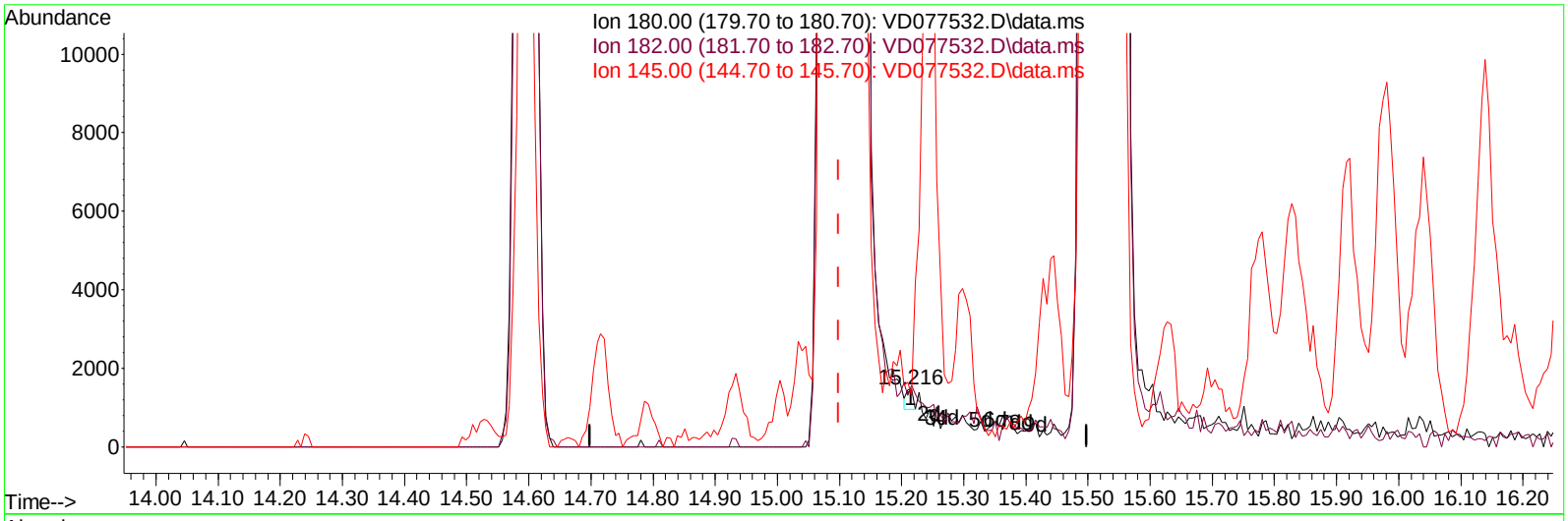
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110923\
Data File : VD077532.D
Acq On : 09 Nov 2023 13:30
Operator : JC/SY
Sample : 05296-01
Misc : 5.95G/10ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

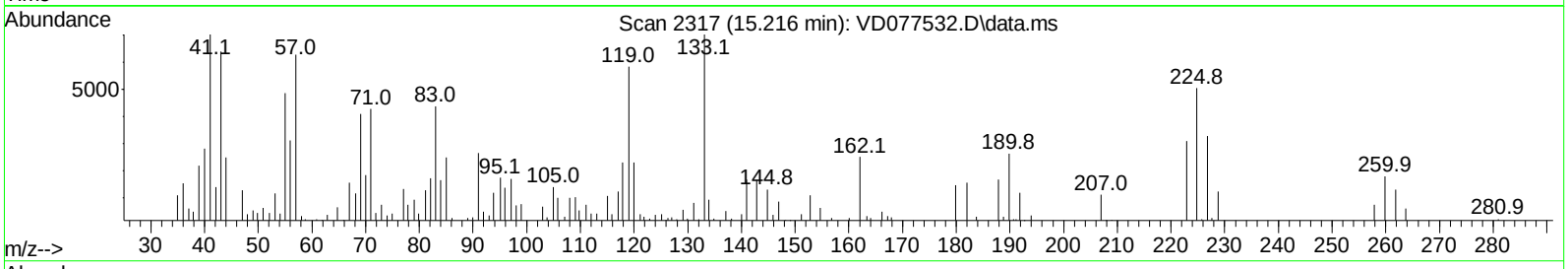
Quant Time: Nov 10 02:08:40 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Nov 10 02:07:44 2023
Response via : Initial Calibration

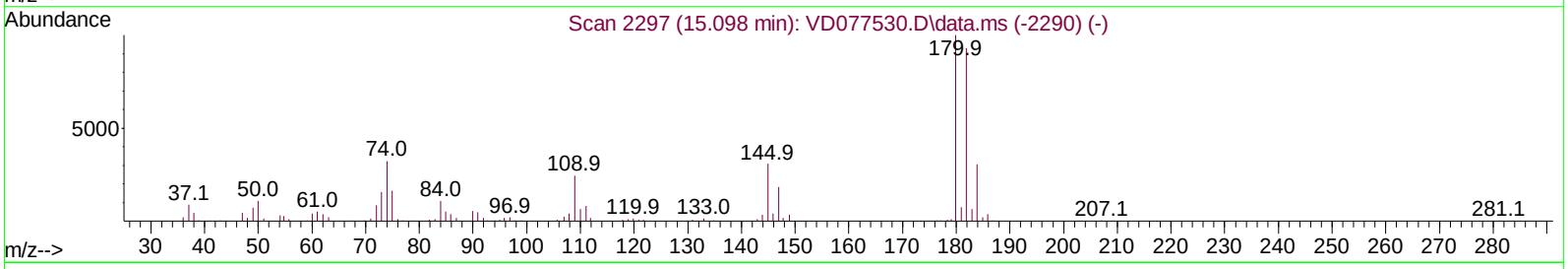
Instrument :
MSVOA_D
ClientSampleId :
BH3R1

Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 11/10/2023
Supervised By :Semsettin Yesilyurt 11/10/2023







TIC: VD077532.D\data.ms

(70) 1,2,4-trichlorobenzene (T)

15.216min (+ 0.117) 0.05 ug/L

response 359

Ion	Exp%	Act%
180.00	100.00	100.00
182.00	94.70	46.52#
145.00	30.10	633.98#
0.00	0.00	0.00

Quantitation Report (Qedit)

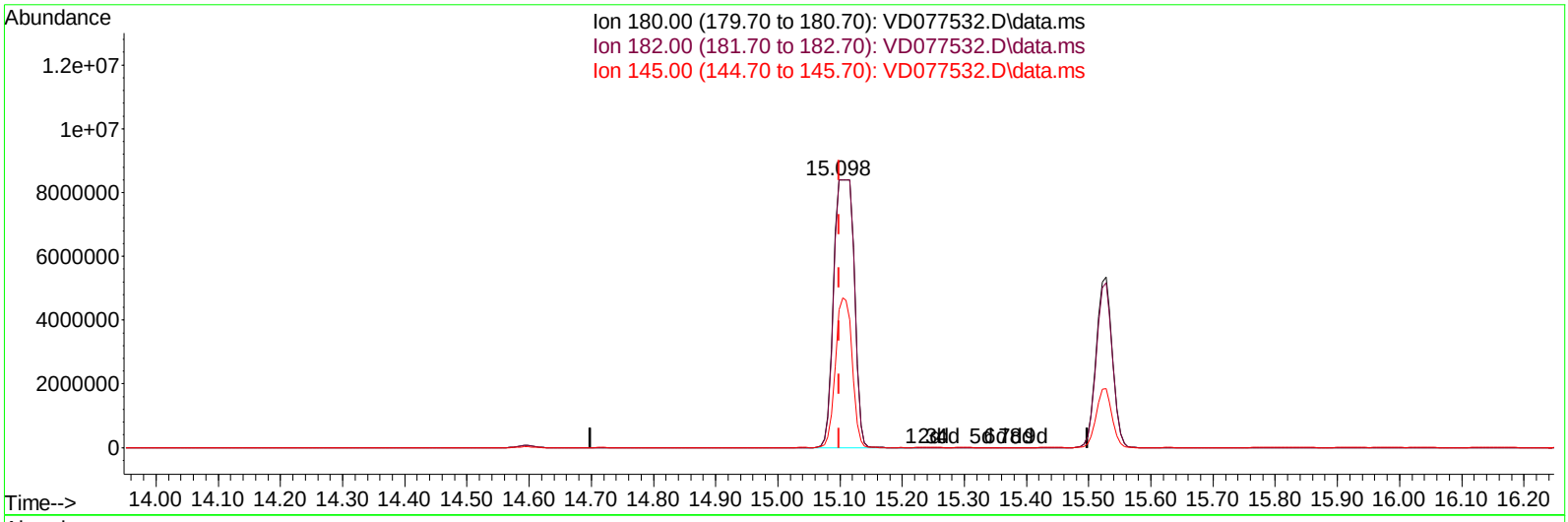
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110923\
Data File : VD077532.D
Acq On : 09 Nov 2023 13:30
Operator : JC/SY
Sample : 05296-01
Misc : 5.95G/10ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

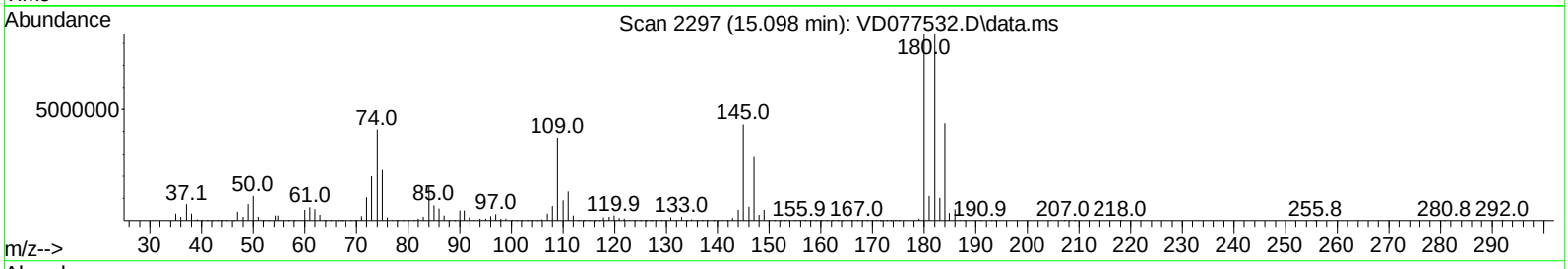
Quant Time: Nov 10 02:08:40 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Nov 10 02:07:44 2023
Response via : Initial Calibration

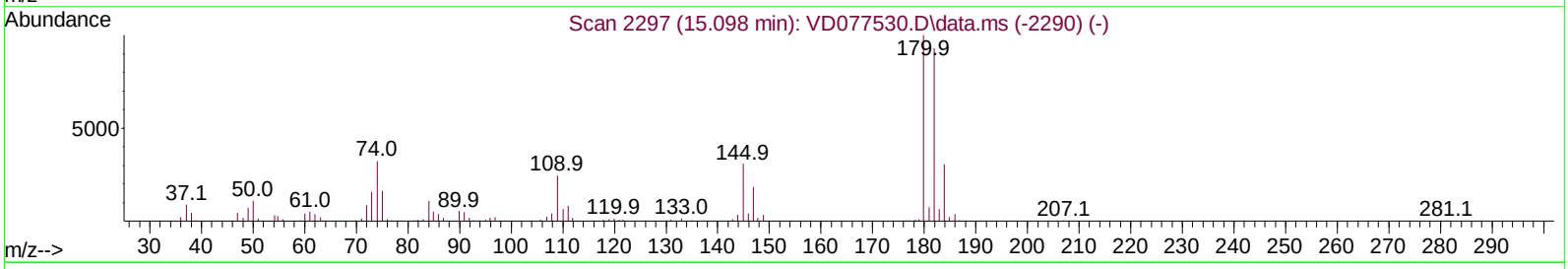
Instrument :
MSVOA_D
ClientSampleId :
BH3R1

Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 11/10/2023
Supervised By :Semsettin Yesilyurt 11/10/2023







TIC: VD077532.D\data.ms

(70) 1,2,4-trichlorobenzene (T)

15.098min (-0.000) 2754.83 ug/L m

response 19247051

Ion	Exp%	Act%
180.00	100.00	100.00
182.00	94.70	0.00#
145.00	30.10	0.01#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	528393	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	430094	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	183469m	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	242742	18.059	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	72.240%		
7) Chloroethane-d5	2.805	69	195949	18.557	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	74.240%		
11) 1,1-Dichloroethene-d2	3.922	65	75057	18.058	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	72.240%		
21) 2-Butanone-d5	6.993	46	80035	34.391	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	68.780%		
24) Chloroform-d	7.569	84	278156	18.223	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	72.880%		
26) 1,2-Dichloroethane-d4	8.234	65	147055	18.112	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	72.440%		
32) Benzene-d6	8.204	84	590389	21.150	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	84.600%		
36) 1,2-Dichloropropane-d6	9.210	67	186489	20.510	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	82.040%		
41) Toluene-d8	10.269	98	513478	20.356	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	81.440%		
43) trans-1,3-Dichloroprop...	10.528	79	76168	19.428	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	77.720%		
47) 2-Hexanone-d5	10.881	63	62483	38.414	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	76.820%		
56) 1,1,2,2-Tetrachloroeth...	12.651	84	111839	18.565	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	74.240%		
66) 1,2-Dichlorobenzene-d4	13.816	152	117740m	18.039	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	72.160%#		
Target Compounds						Qvalue
13) Acetone	4.022	43	38087	15.570	ug/L	99
16) Methylene chloride	4.805	84	18926	2.121	ug/L	96
20) cis-1,2-Dichloroethene	7.081	96	7402087	861.961	ug/L	97
33) Benzene	8.257	78	51248	1.718	ug/L	100
34) Trichloroethene	9.028	95	1197561	162.042	ug/L	94
35) Methylcyclohexane	9.269	83	11516	0.863	ug/L #	83
42) Toluene	10.334	91	1521294	48.582	ug/L	98
46) Tetrachloroethene	10.816	164	10656731	1959.746	ug/L	95
51) Chlorobenzene	11.610	112	5199632	283.431	ug/L	98
52) Ethylbenzene	11.681	91	18422556m	534.677	ug/L	
53) m,p-Xylene	11.787	106	30805958m	2456.994	ug/L	
54) o-Xylene	12.122	106	23332219m	1942.997	ug/L	
60) Isopropylbenzene	12.422	105	999822	33.691	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	843402	37.446	ug/L	97
63) 1,2,4-Trimethylbenzene	13.216	105	1632868	71.569	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	1556196	127.820	ug/L	99
65) 1,4-Dichlorobenzene	13.539	146	6930090	564.023	ug/L	94
67) 1,2-Dichlorobenzene	13.833	146	3806058	353.597	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) 1,2,4-trichlorobenzene	15.098	180	19247051m	2754.832	ug/L	
72) 1,2,3-Trichlorobenzene	15.528	180	9663914	1622.215	ug/L	99

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

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