Quantitation Report (Qedit)

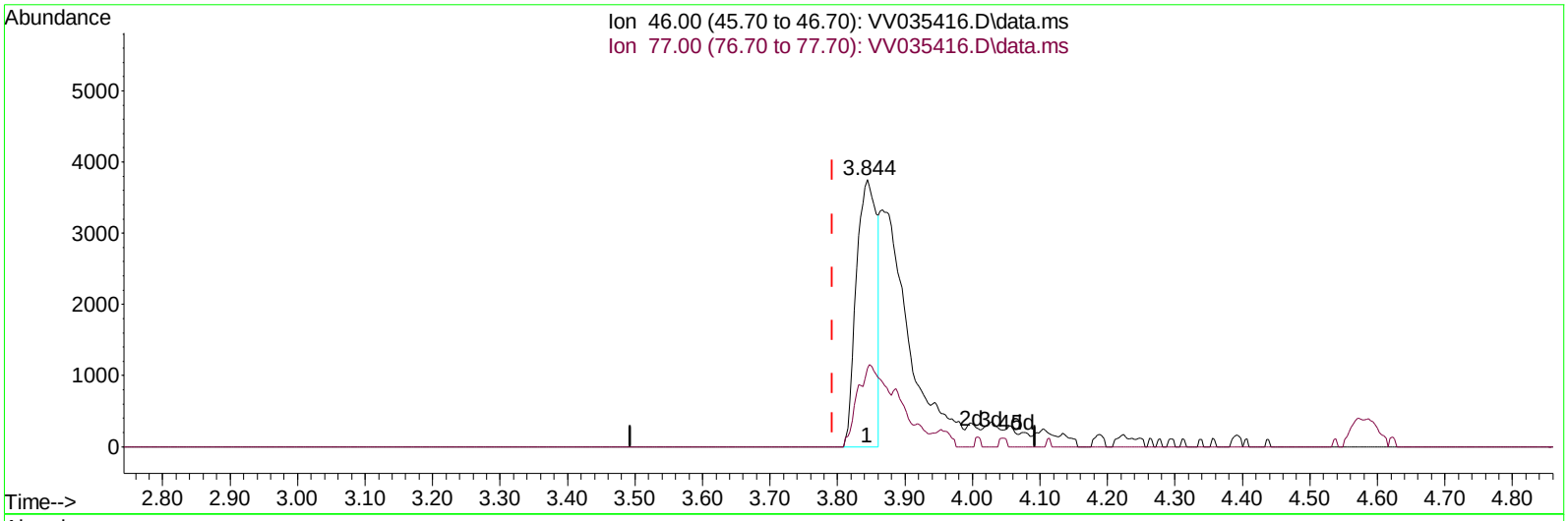
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042624\
Data File : VV035416.D
Acq On : 26 Apr 2024 09:29
Operator : SY/MD
Sample : VSTD00541
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

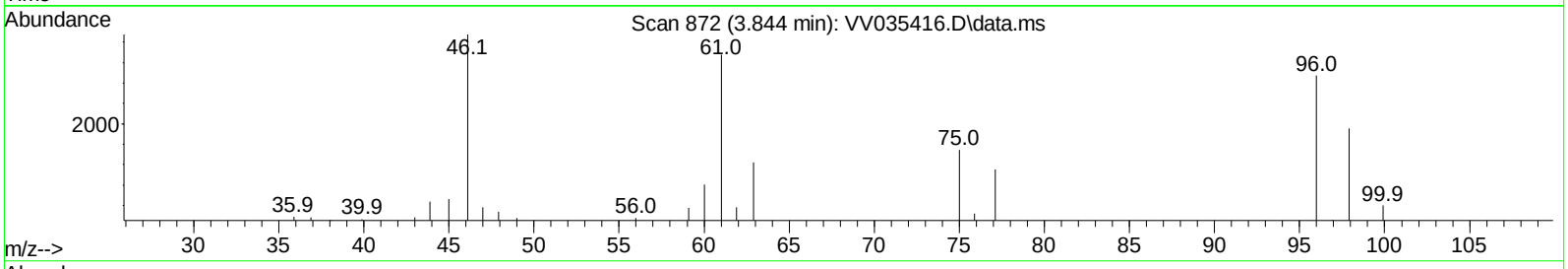
Quant Time: Apr 27 00:02:31 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM042624WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 27 00:01:52 2024
Response via : Initial Calibration

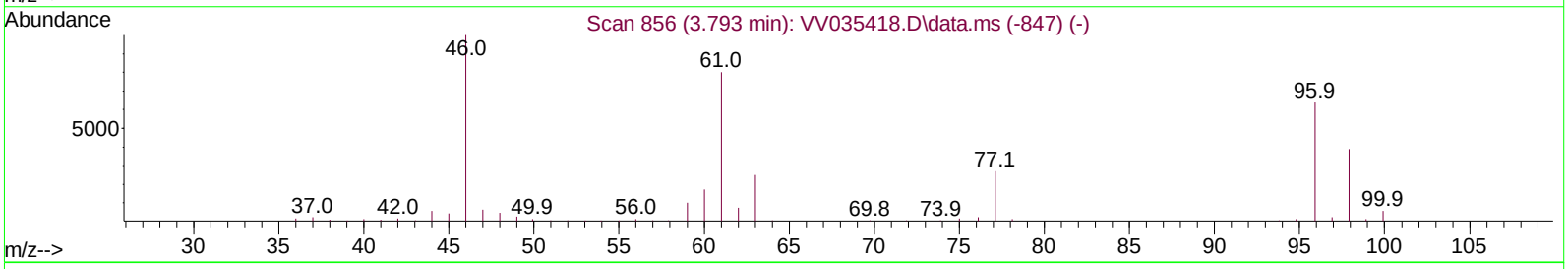
Instrument :
MSVOA_V
ClientSampleId :
VSTD005241

Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 04/29/2024
Supervised By :Semsettin Yesilyurt 04/29/2024







TIC: VV035416.D\data.ms

(21) 2-Butanone-d5 (S)

3.844min (+ 0.051) 3.84 ug/L

response 7872

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	26.20	14.18#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

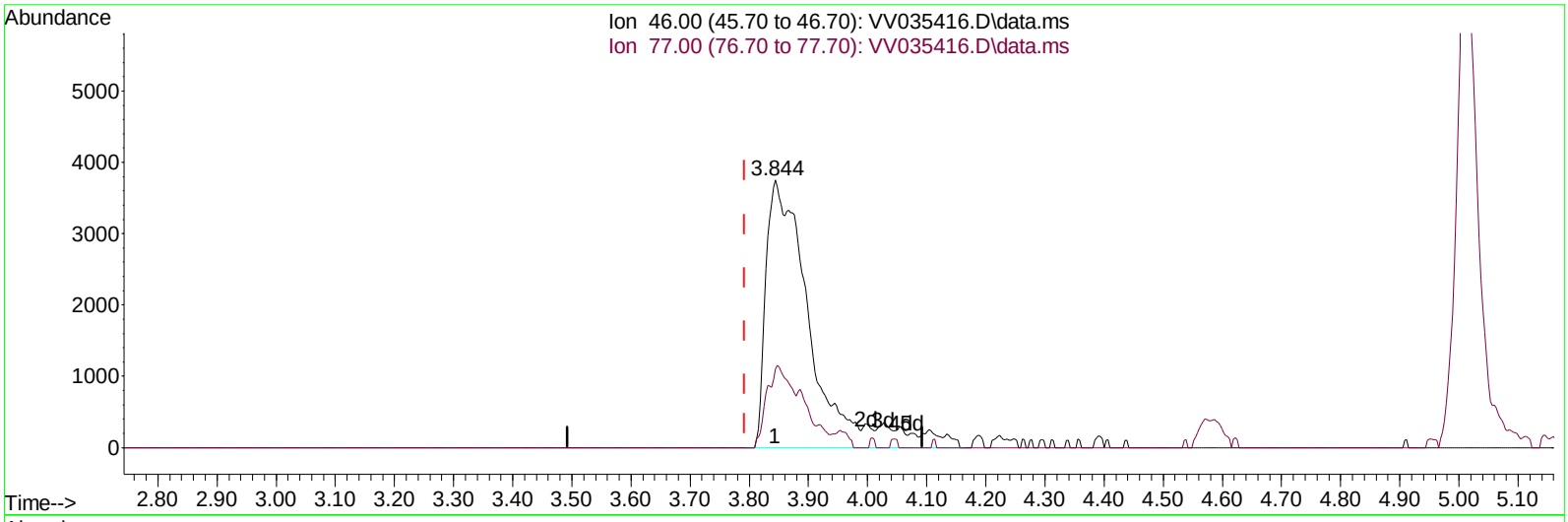
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042624\
Data File : VV035416.D
Acq On : 26 Apr 2024 09:29
Operator : SY/MD
Sample : VSTD00541
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

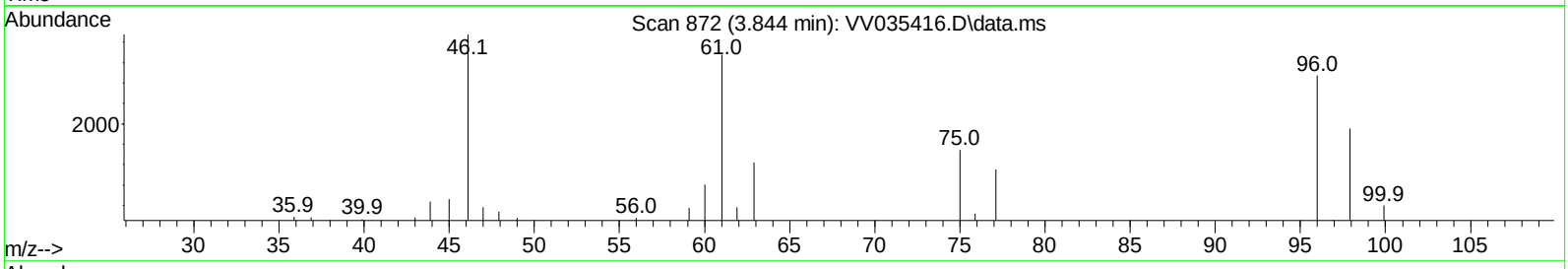
Quant Time: Apr 27 00:02:31 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM042624WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 27 00:01:52 2024
Response via : Initial Calibration

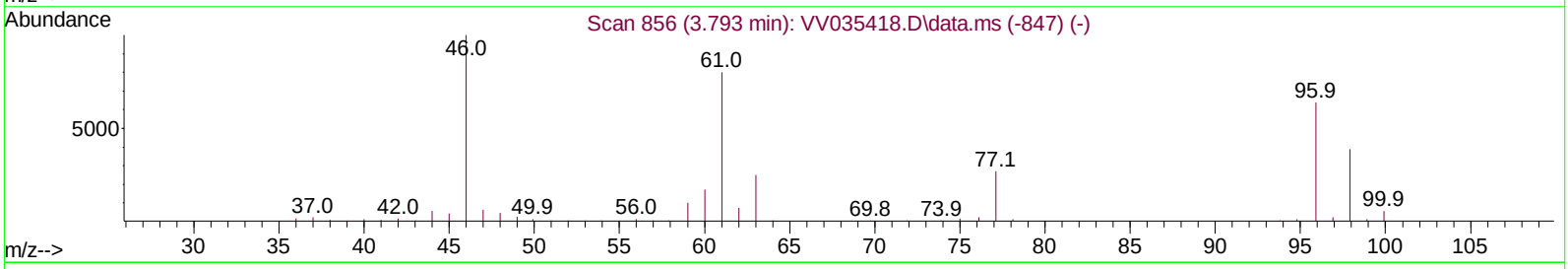
Instrument :
MSVOA_V
ClientSampleId :
VSTD005241

Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 04/29/2024
Supervised By :Semsettin Yesilyurt 04/29/2024







TIC: VV035416.D\data.ms

(21) 2-Butanone-d5 (S)

3.844min (+ 0.051) 9.83 ug/L m

response 20136

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	26.20	5.54#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

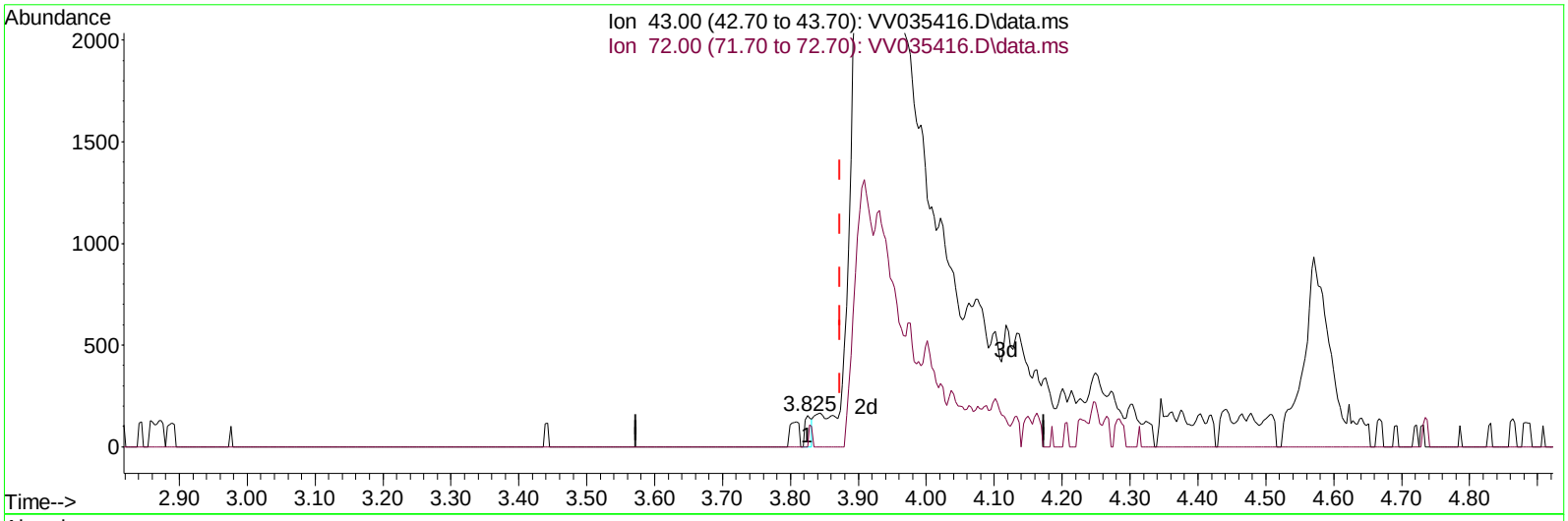
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042624\
Data File : VV035416.D
Acq On : 26 Apr 2024 09:29
Operator : SY/MD
Sample : VSTD00541
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

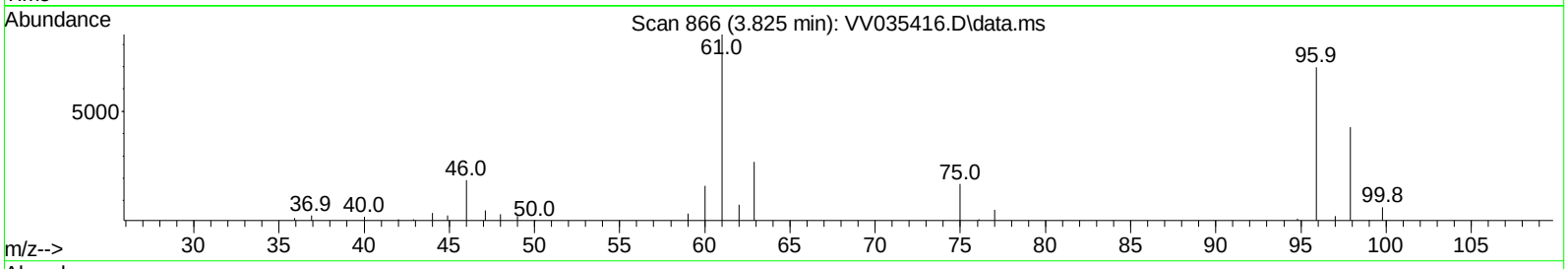
Quant Time: Apr 27 00:02:31 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM042624WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 27 00:01:52 2024
Response via : Initial Calibration

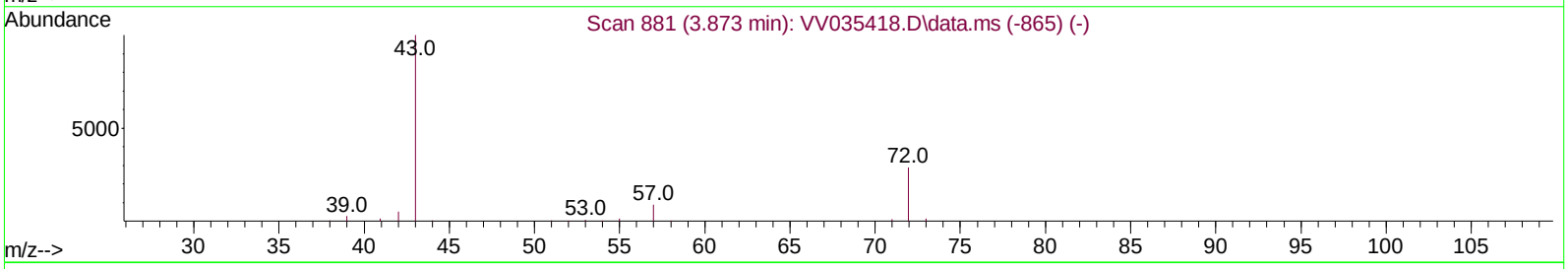
Instrument :
MSVOA_V
ClientSampleId :
VSTD005241

Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 04/29/2024
Supervised By :Semsettin Yesilyurt 04/29/2024







TIC: VV035416.D\data.ms

(22) 2-Butanone (T)

3.825min (-0.048) 0.04 ug/L

response 109

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	27.60	36.70
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

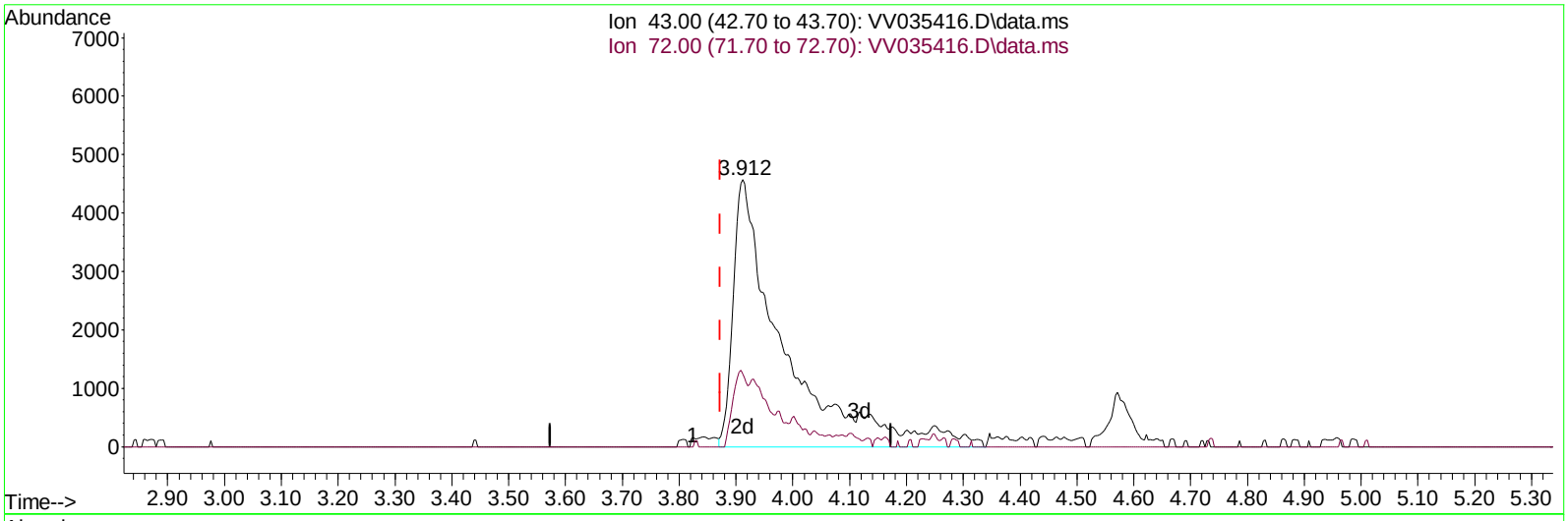
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042624\
Data File : VV035416.D
Acq On : 26 Apr 2024 09:29
Operator : SY/MD
Sample : VSTD00541
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

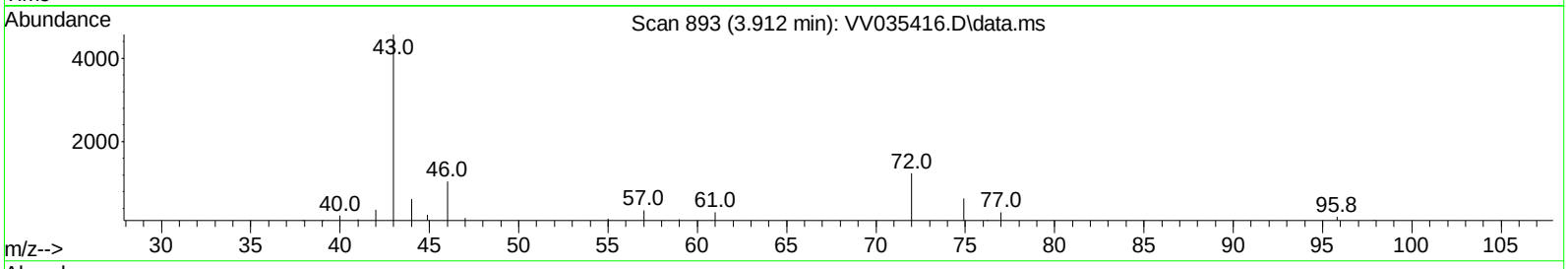
Quant Time: Apr 27 00:02:31 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM042624WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 27 00:01:52 2024
Response via : Initial Calibration

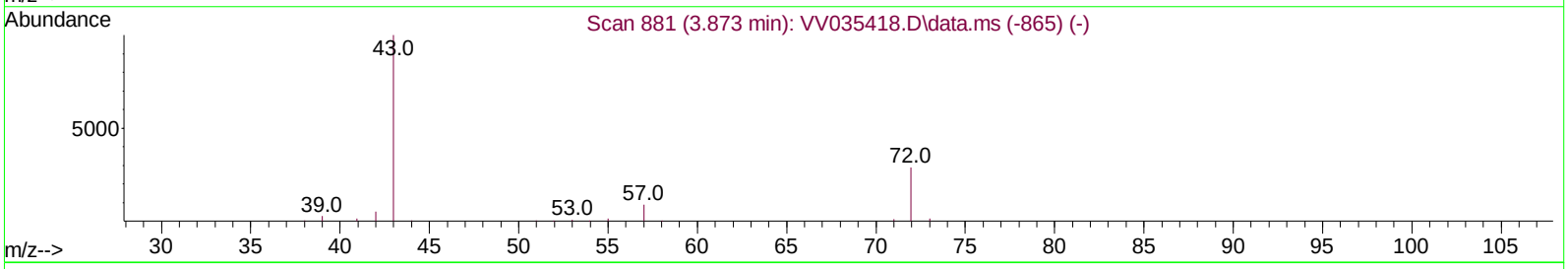
Instrument :
MSVOA_V
ClientSampleId :
VSTD005241

Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 04/29/2024
Supervised By :Semsettin Yesilyurt 04/29/2024







TIC: VV035416.D\data.ms

(22) 2-Butanone (T)

3.912min (+ 0.039) 10.32 ug/L m

response 28002

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	27.60	0.14#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

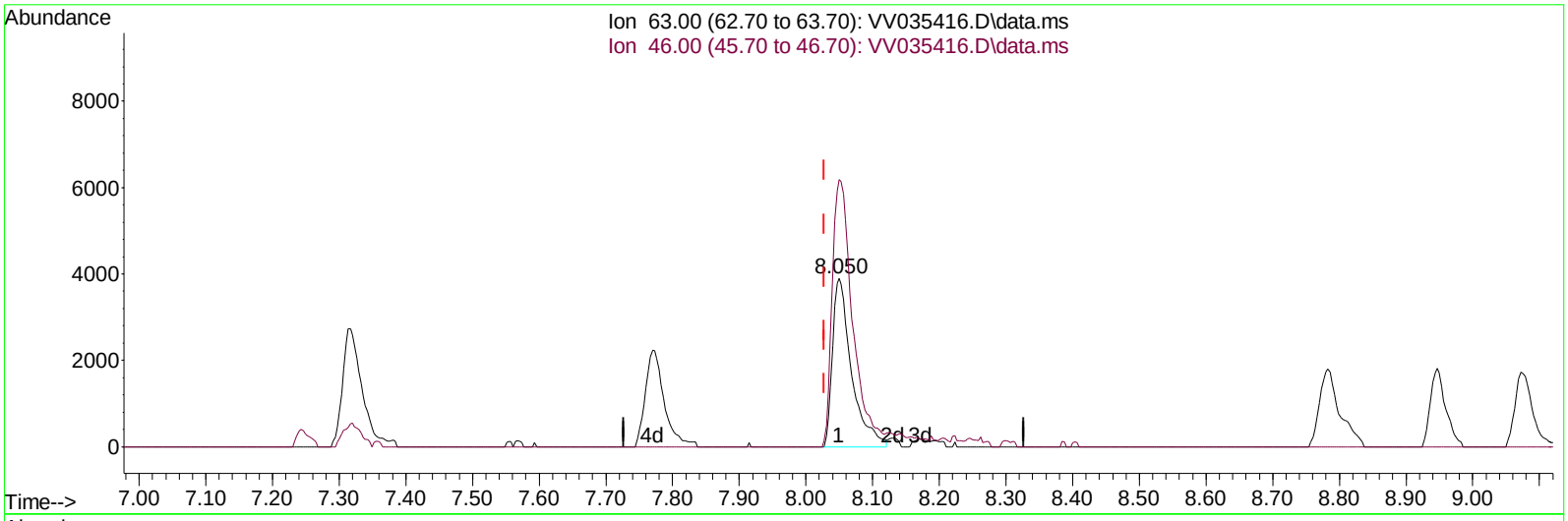
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042624\
Data File : VV035416.D
Acq On : 26 Apr 2024 09:29
Operator : SY/MD
Sample : VSTD00541
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

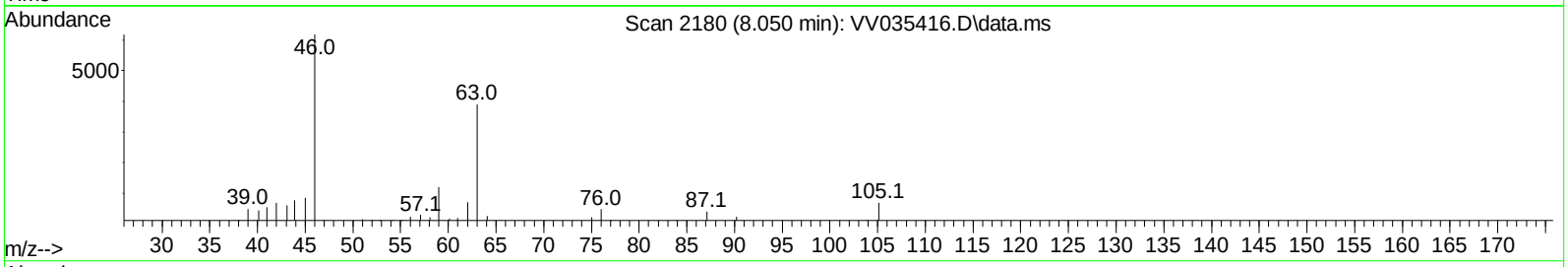
Quant Time: Apr 27 00:02:31 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM042624WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 27 00:01:52 2024
Response via : Initial Calibration

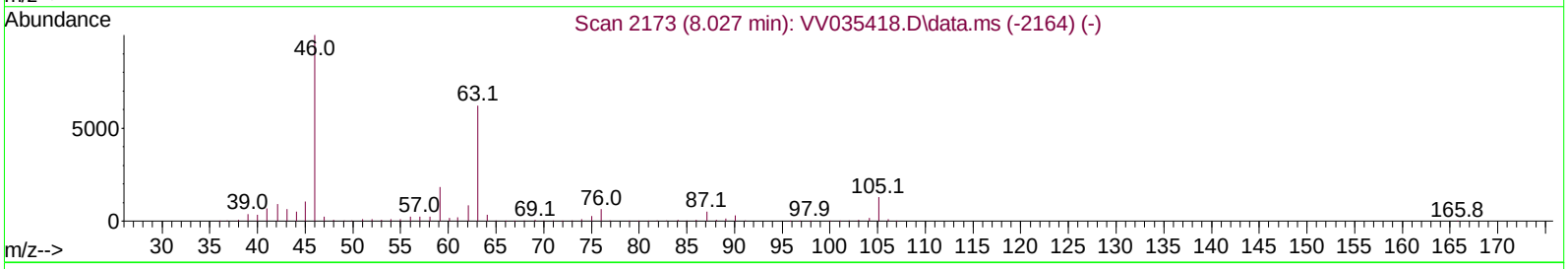
Instrument :
MSVOA_V
ClientSampleId :
VSTD005241

Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 04/29/2024
Supervised By :Semsettin Yesilyurt 04/29/2024







TIC: VV035416.D\data.ms

(47) 2-Hexanone-d5 (S)

8.050min (+ 0.023) 6.75 ug/L

response 7719

Ion	Exp%	Act%
63.00	100.00	100.00
46.00	166.40	170.81
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

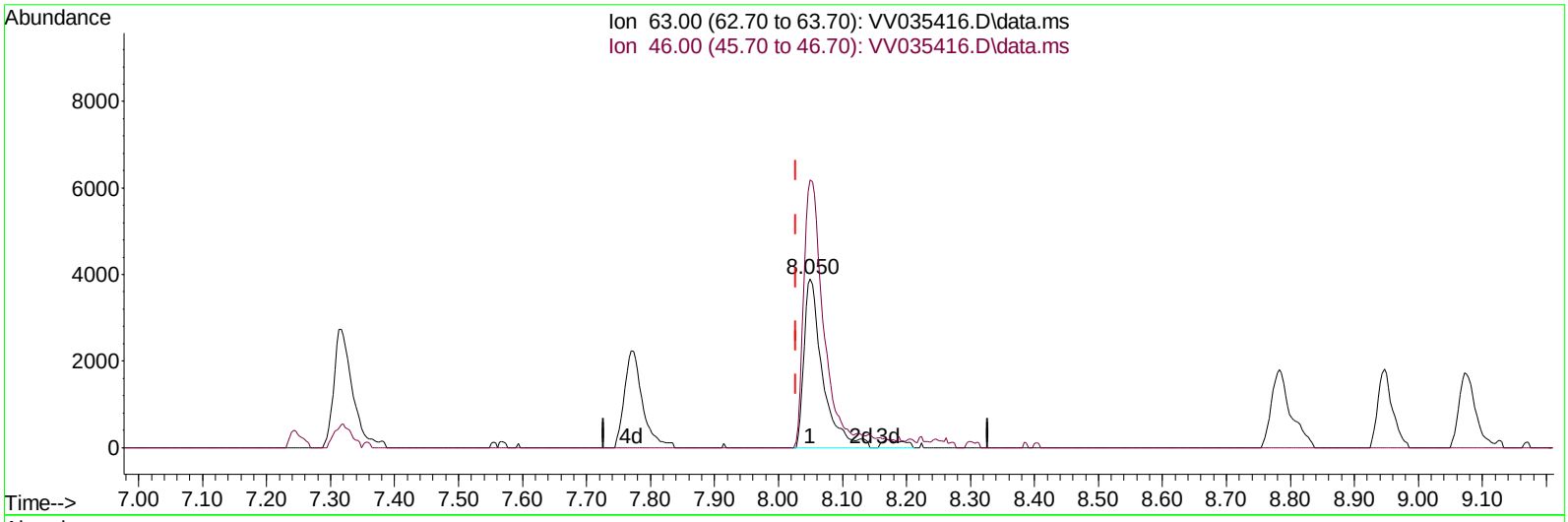
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042624\
Data File : VV035416.D
Acq On : 26 Apr 2024 09:29
Operator : SY/MD
Sample : VSTD00541
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

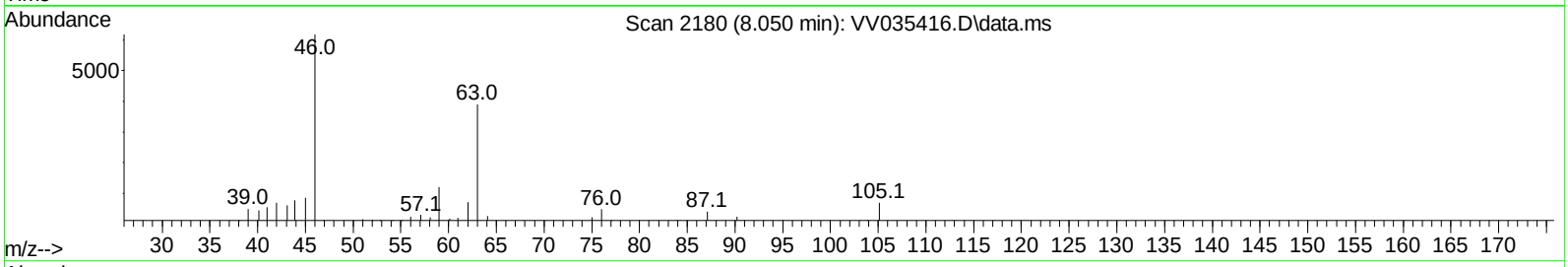
Quant Time: Apr 27 00:02:31 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM042624WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 27 00:01:52 2024
Response via : Initial Calibration

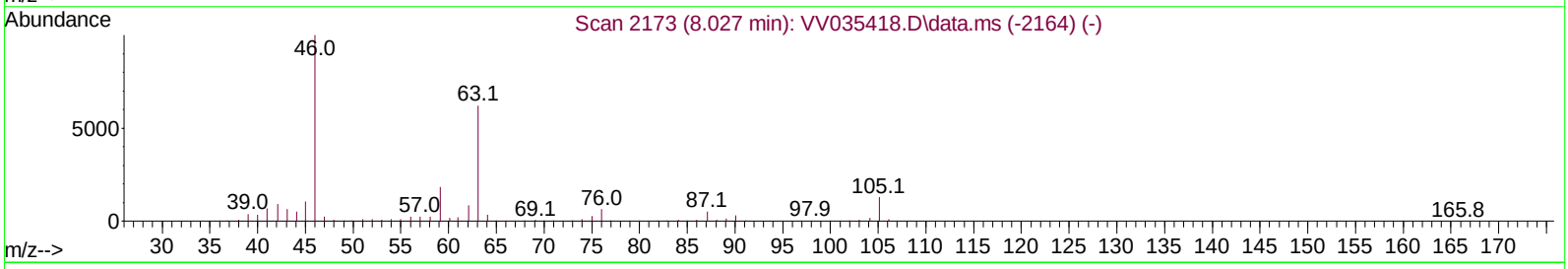
Instrument :
MSVOA_V
ClientSampleId :
VSTD005241

Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 04/29/2024
Supervised By :Semsettin Yesilyurt 04/29/2024







TIC: VV035416.D\data.ms

(47) 2-Hexanone-d5 (S)

8.050min (+ 0.023) 7.30 ug/L m

response 8347

Ion	Exp%	Act%
63.00	100.00	100.00
46.00	166.40	157.96
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

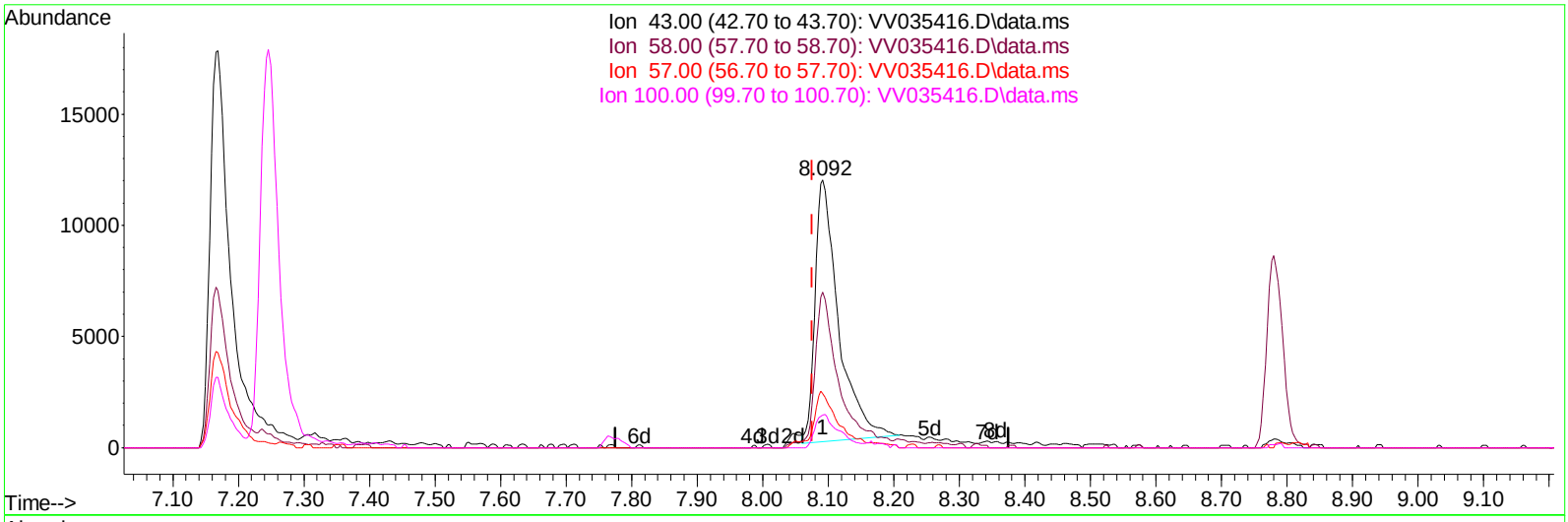
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042624\
Data File : VV035416.D
Acq On : 26 Apr 2024 09:29
Operator : SY/MD
Sample : VSTD00541
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

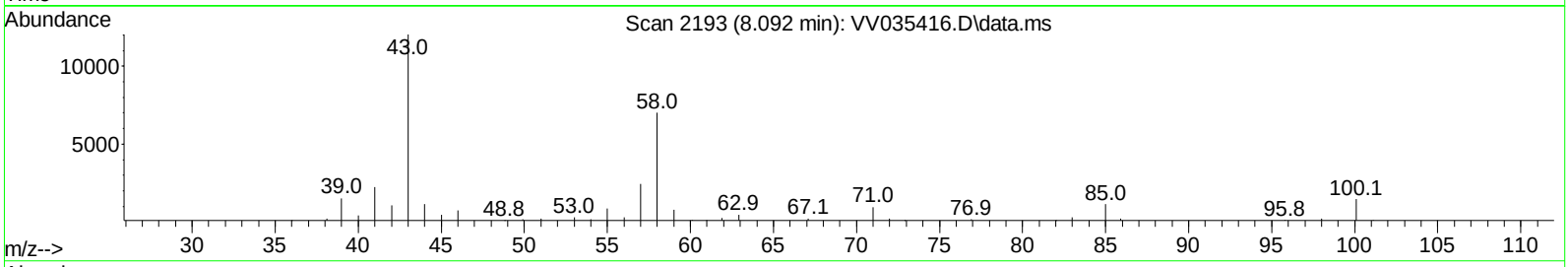
Quant Time: Apr 27 00:02:31 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM042624WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 27 00:01:52 2024
Response via : Initial Calibration

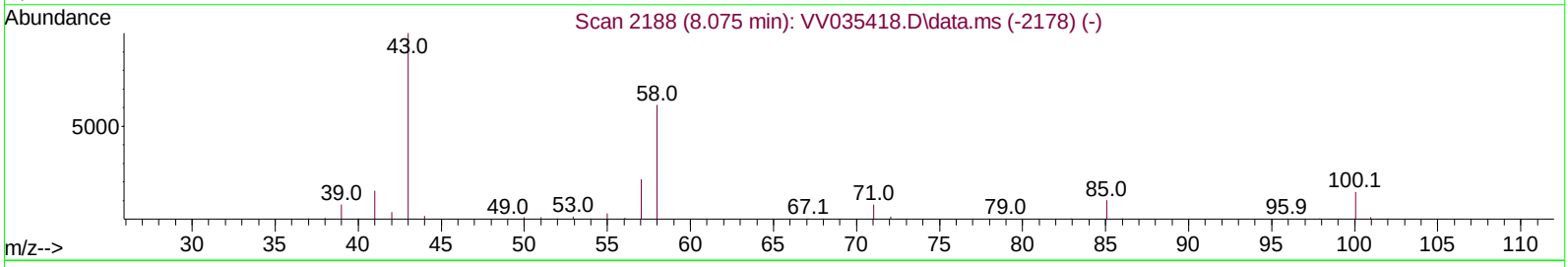
Instrument :
MSVOA_V
ClientSampleId :
VSTD005241

Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 04/29/2024
Supervised By :Semsettin Yesilyurt 04/29/2024







TIC: VV035416.D\data.ms

(48) 2-Hexanone (T)

8.092min (+ 0.016) 7.78 ug/L

response 29252

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	61.70	57.43
57.00	21.40	16.61#
100.00	14.30	12.82

Quantitation Report (Qedit)

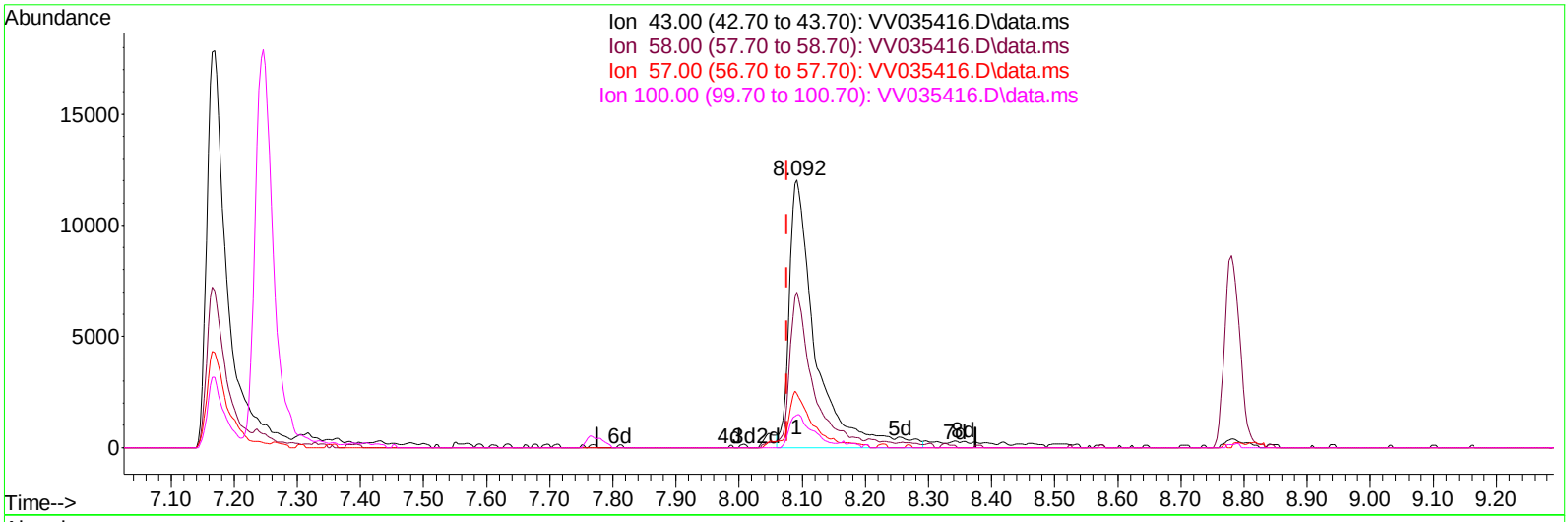
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042624\
Data File : VV035416.D
Acq On : 26 Apr 2024 09:29
Operator : SY/MD
Sample : VSTD00541
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

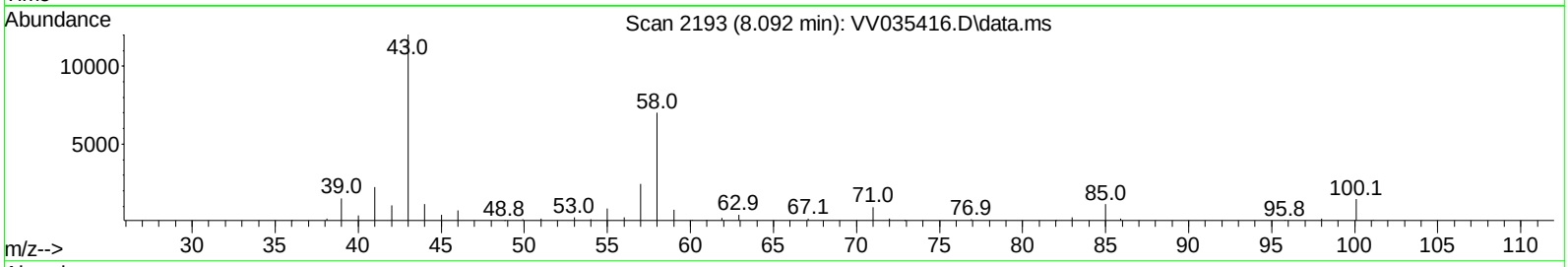
Quant Time: Apr 27 00:02:31 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM042624WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 27 00:01:52 2024
Response via : Initial Calibration

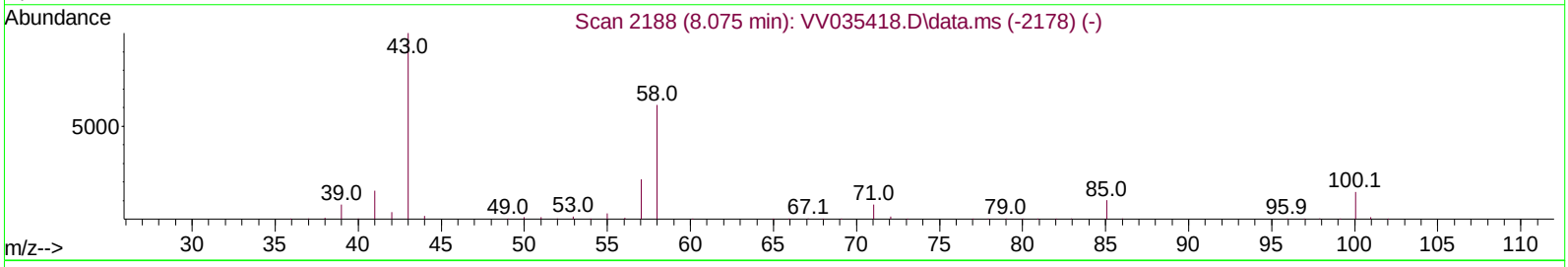
Instrument :
MSVOA_V
ClientSampleId :
VSTD005241

Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 04/29/2024
Supervised By :Semsettin Yesilyurt 04/29/2024







TIC: VV035416.D\data.ms

(48) 2-Hexanone (T)

8.092min (+ 0.016) 9.23 ug/L m

response 34700

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	61.70	48.41#
57.00	21.40	14.00#
100.00	14.30	10.81#

Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042624\
Data File : VV035416.D
Acq On : 26 Apr 2024 09:29
Operator : SY/MD
Sample : VSTD00541
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 27 00:02:31 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM042624WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 27 00:01:52 2024
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VSTD005241

Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 04/29/2024
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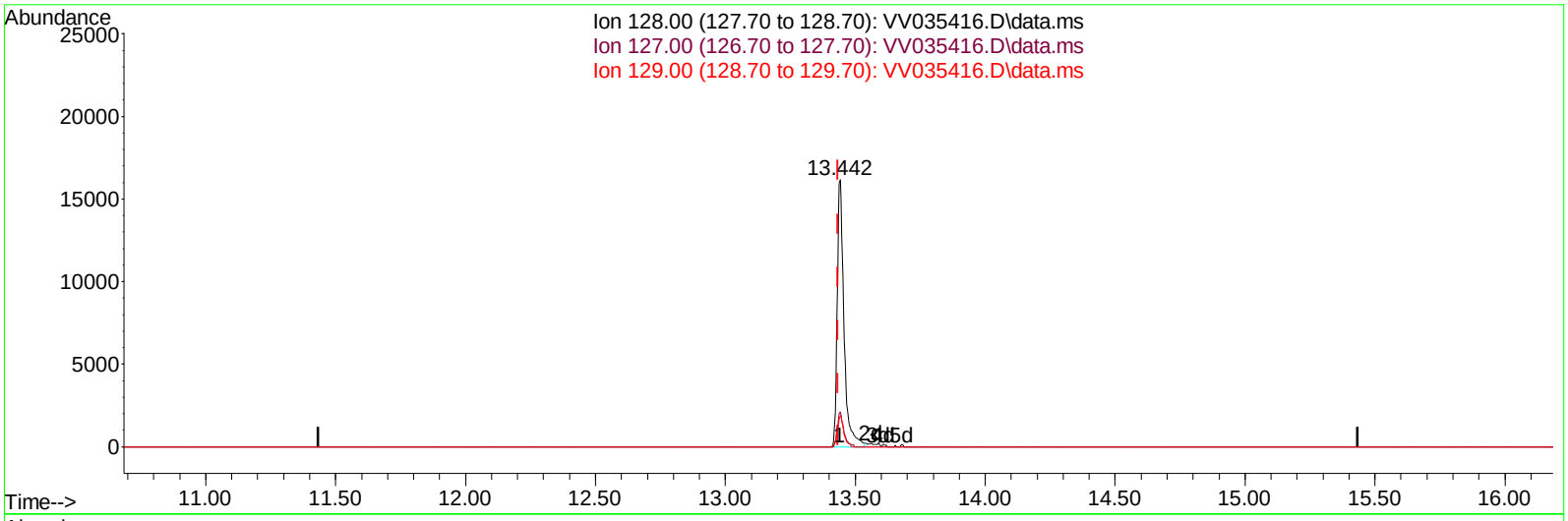

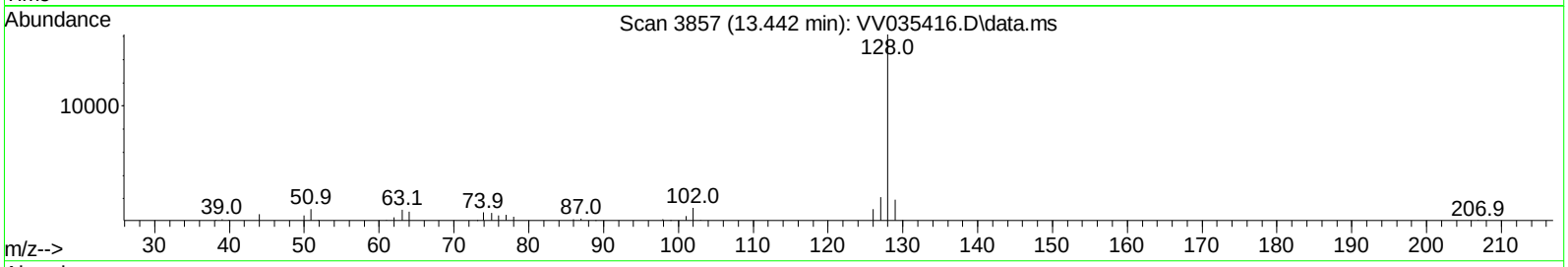

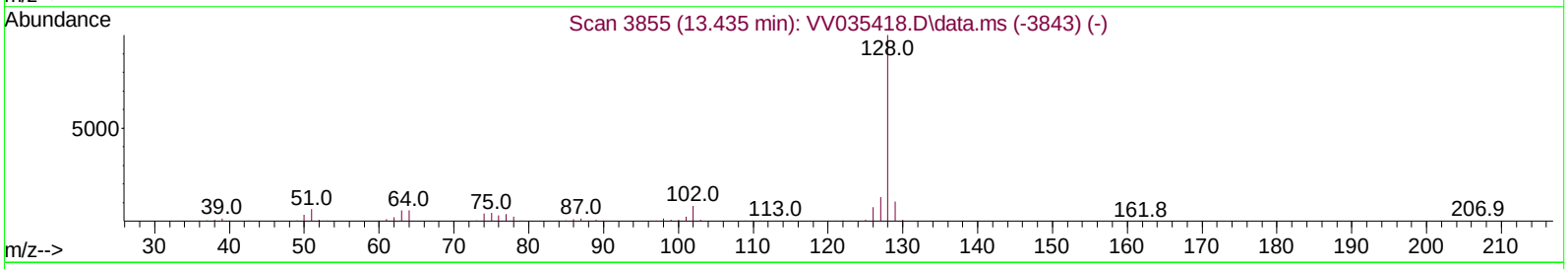

TIC: VV035416.D\data.ms

(71) Naphthalene

13.442min (+ 0.006) 3.45 ug/L

response 29059

Ion	Exp%	Act%
128.00	100.00	100.00
127.00	13.10	12.26
129.00	10.70	10.59
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042624\
Data File : VV035416.D
Acq On : 26 Apr 2024 09:29
Operator : SY/MD
Sample : VSTD00541
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 27 00:02:31 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM042624WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 27 00:01:52 2024
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VSTD005241

Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 04/29/2024
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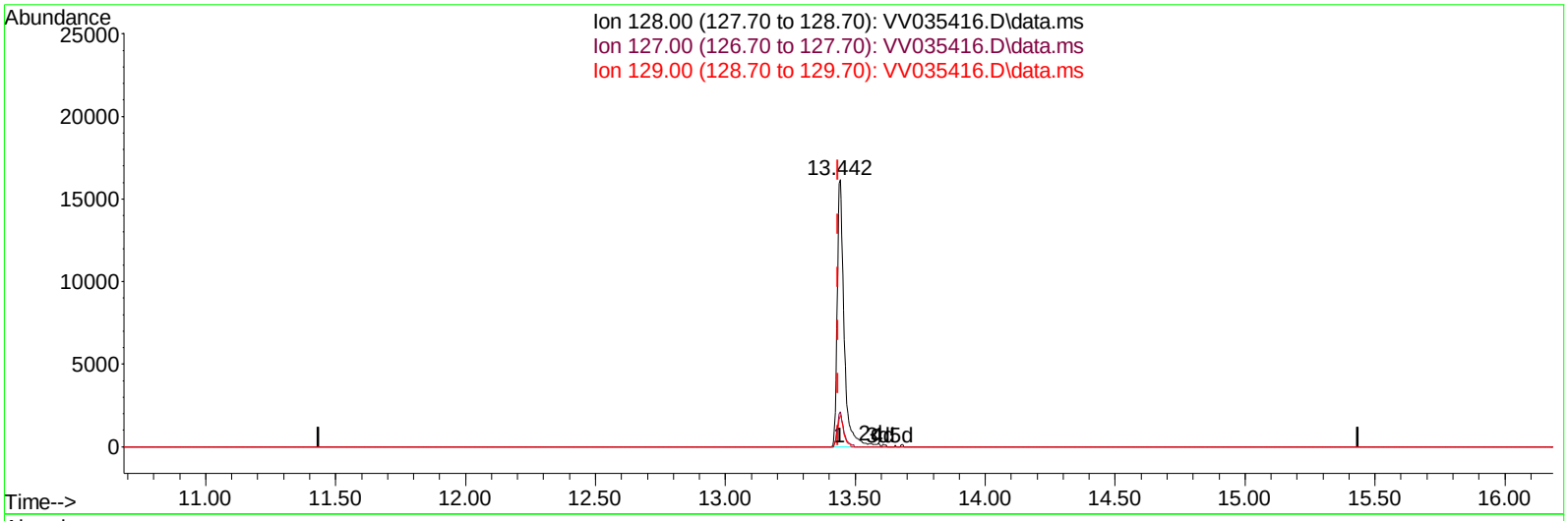

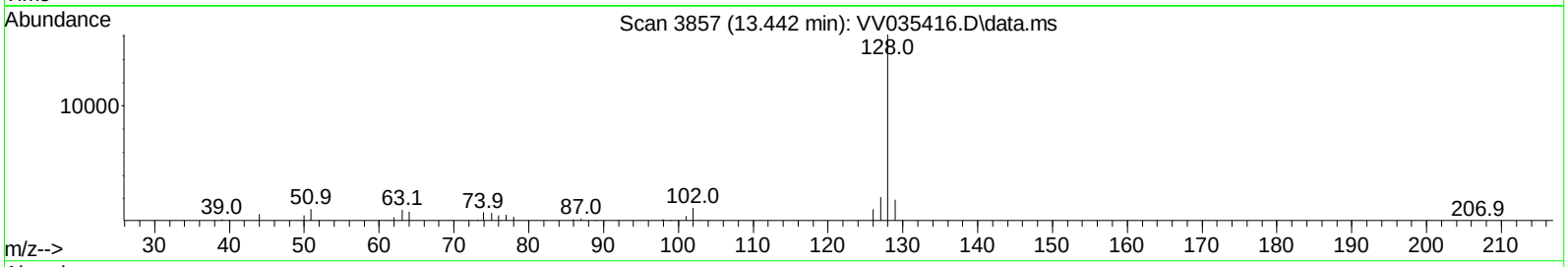

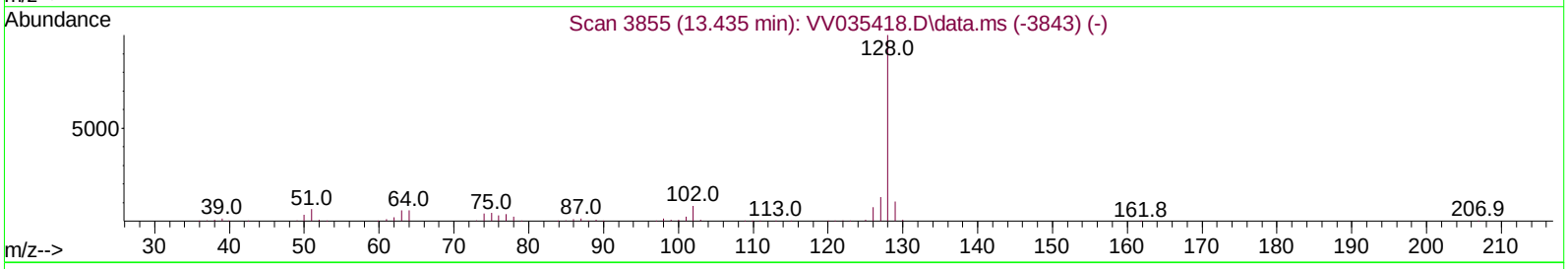

TIC: VV035416.D\data.ms

(71) Naphthalene

13.442min (+ 0.006) 3.52 ug/L m

response 29652

Ion	Exp%	Act%
128.00	100.00	100.00
127.00	13.10	12.01
129.00	10.70	10.38
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042624\
Data File : VV035416.D
Acq On : 26 Apr 2024 09:29
Operator : SY/MD
Sample : VSTD00541
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 27 00:02:31 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM042624WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 27 00:01:52 2024
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VSTD005241

Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 04/29/2024
Supervised By :Semsettin Yesilyurt 04/29/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	499692	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	499963	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	232785	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	22228	5.535	ug/L	0.00
7) Chloroethane-d5	1.529	69	15311	6.655	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.053	65	9239	5.629	ug/L	0.00
21) 2-Butanone-d5	3.844	46	20136m	9.829	ug/L	0.05
24) Chloroform-d	4.249	84	36871	5.456	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.950	65	20478	5.203	ug/L	0.01
32) Benzene-d6	4.963	84	67122	5.109	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.992	67	20921	5.161	ug/L	0.00
41) Toluene-d8	7.246	98	55890	4.720	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.564	79	8699	4.587	ug/L	0.02
47) 2-Hexanone-d5	8.050	63	8347m	7.300	ug/L	0.02
56) 1,1,2,2-Tetrachloroeth...	10.153	84	30333	5.250	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.561	152	22032	5.410	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	20755	5.650	ug/L	97
3) Chloromethane	1.217	50	21802	5.848	ug/L	96
5) Vinyl chloride	1.285	62	21839	5.553	ug/L	97
6) Bromomethane	1.487	94	12823	5.567	ug/L	92
8) Chloroethane	1.545	64	11020	6.348	ug/L	99
9) Trichlorofluoromethane	1.706	101	30305	5.705	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	18728	5.628	ug/L	99
12) 1,1-Dichloroethene	2.066	96	16505	5.591	ug/L	94
13) Acetone	2.124	43	27590	11.281	ug/L	99
14) Carbon disulfide	2.236	76	46170	5.630	ug/L	99
15) Methyl Acetate	2.381	43	20729	5.589	ug/L	96
16) Methylene chloride	2.445	84	21494	5.756	ug/L	96
17) trans-1,2-Dichloroethene	2.693	96	17477	5.506	ug/L	91
18) Methyl tert-butyl Ether	2.703	73	51956	4.860	ug/L	97
19) 1,1-Dichloroethane	3.108	63	36035	5.484	ug/L	98
20) cis-1,2-Dichloroethene	3.818	96	17393	4.871	ug/L	98
22) 2-Butanone	3.912	43	28002m	10.325	ug/L	
23) Bromochloromethane	4.156	128	10848	5.459	ug/L	97
25) Chloroform	4.275	83	37451	5.514	ug/L	97
27) 1,2-Dichloroethane	5.047	62	27356	5.485	ug/L	96
29) Cyclohexane	4.577	56	20838	4.532	ug/L	97
30) 1,1,1-Trichloroethane	4.510	97	30591	5.378	ug/L	99
31) Carbon tetrachloride	4.732	117	27668	5.568	ug/L	96
33) Benzene	5.011	78	69239	5.175	ug/L	100
34) Trichloroethene	5.838	95	19023	5.243	ug/L	96
35) Methylcyclohexane	6.043	83	24637	4.693	ug/L	98
37) 1,2-Dichloropropane	6.098	63	18692	5.005	ug/L	99
38) Bromodichloromethane	6.436	83	27217	5.397	ug/L	95
39) cis-1,3-Dichloropropene	6.963	75	23201	4.197	ug/L	96
40) 4-Methyl-2-pentanone	7.169	43	38974	8.738	ug/L	93
42) Toluene	7.317	91	66999	4.779	ug/L	97

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042624\
Data File : VV035416.D
Acq On : 26 Apr 2024 09:29
Operator : SY/MD
Sample : VSTD00541
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 27 00:02:31 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM042624WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 27 00:01:52 2024
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VSTD005241

Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 04/29/2024
Supervised By :Semsettin Yesilyurt 04/29/2024

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
44) trans-1,3-Dichloropropene	7.590	75	23566	4.441 ug/L	100
45) 1,1,2-Trichloroethane	7.770	97	21264	5.452 ug/L	98
46) Tetrachloroethene	7.905	164	14838	5.213 ug/L	99
48) 2-Hexanone	8.092	43	34700m	9.230 ug/L	
49) Dibromochloromethane	8.175	129	20112	5.044 ug/L	94
50) 1,2-Dibromoethane	8.284	107	20154	5.079 ug/L	97
51) Chlorobenzene	8.815	112	52583	5.319 ug/L	98
52) Ethylbenzene	8.947	91	70139	4.579 ug/L	98
53) m,p-Xylene	9.075	106	25883	4.464 ug/L	97
54) o-Xylene	9.477	106	24280	4.283 ug/L	98
55) Styrene	9.500	104	38380	3.926 ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.178	83	33804	5.332 ug/L	97
59) Bromoform	9.667	173	14782	5.349 ug/L	96
60) Isopropylbenzene	9.866	105	62976	4.716 ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	25420	5.834 ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	46978	4.366 ug/L	97
63) 1,2,4-Trimethylbenzene	10.850	105	43224	4.103 ug/L	97
64) 1,3-Dichlorobenzene	11.120	146	35700	5.160 ug/L	97
65) 1,4-Dichlorobenzene	11.207	146	40423	5.570 ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	38145	5.442 ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.365	75	4842	4.912 ug/L	88
69) 1,3,5-Trichlorobenzene	12.580	180	24678	5.034 ug/L	100
70) 1,2,4-trichlorobenzene	13.201	180	17427	4.478 ug/L	97
71) Naphthalene	13.442	128	29652m	3.518 ug/L	
72) 1,2,3-Trichlorobenzene	13.680	180	15958	4.209 ug/L	99

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042624\
Data File : VV035416.D
Acq On : 26 Apr 2024 09:29
Operator : SY/MD
Sample : VSTD00541
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 27 00:02:31 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM042624WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 27 00:01:52 2024
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VSTD005241

Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 04/29/2024
Supervised By :Semsettin Yesilyurt 04/29/2024