Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083122\
Data File : VV027671.D
Acq On : 01 Sep 2022 15:25
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 63 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD005397

Manual Integrations APPROVED

Reviewed By :Krupa Patel 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022

Quant Time: Sep 02 00:07:35 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Sep 01 07:36:37 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	129436	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.860	117	123231	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	67883	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	65321	4.645	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 93.000%			
7) Chloroethane-d5	1.574	69	54917	4.668	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 93.400%			
11) 1,1-Dichloroethene-d2	2.111	63	129553	4.707	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 94.200%			
20) 2-Butanone-d5	3.966	46	147003	61.833	ug/L	0.08
Spiked Amount 50.000	Range 40 - 130		Recovery = 123.660%			
24) Chloroform-d	4.355	84	131884	4.672	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.400%			
26) 1,2-Dichloroethane-d4	5.037	65	69169	5.470	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 109.400%			
32) Benzene-d6	5.043	84	277173	5.491	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 109.800%			
36) 1,2-Dichloropropane-d6	6.085	67	78116m	5.003	ug/L	0.02
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.000%			
41) Toluene-d8	7.333	98	234514	5.365	ug/L	0.02
Spiked Amount 5.000	Range 70 - 130		Recovery = 107.200%			
43) trans-1,3-Dichloroprop...	7.641	79	23569	4.900	ug/L	0.02
Spiked Amount 5.000	Range 55 - 130		Recovery = 98.000%			
46) 2-Hexanone-d5	8.111	63	95889	53.013	ug/L	0.02
Spiked Amount 50.000	Range 45 - 130		Recovery = 106.020%			
56) 1,1,2,2-Tetrachloroeth...	10.220	84	51456	5.121	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.400%			
66) 1,2-Dichlorobenzene-d4	11.625	152	72924	4.798	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	94194	5.342	ug/L	99
3) Chloromethane	1.240	50	83489	4.945	ug/L	97
5) Vinyl chloride	1.314	62	79730	4.959	ug/L	97
6) Bromomethane	1.529	94	38050	5.036	ug/L	99
8) Chloroethane	1.593	64	46664	5.193	ug/L	98
9) Trichlorofluoromethane	1.757	101	118177	5.481	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	59977	5.110	ug/L	98
12) 1,1-Dichloroethene	2.121	96	56433	5.223	ug/L	95
13) Acetone	2.237	43	90246	56.099	ug/L	83
14) Carbon disulfide	2.291	76	151383	4.434	ug/L	100
15) Methyl Acetate	2.458	43	24180	5.666	ug/L	99
16) Methylene chloride	2.507	84	55720	4.088	ug/L	98
17) Methyl tert-butyl Ether	2.793	73	128223	5.555	ug/L	96
18) trans-1,2-Dichloroethene	2.761	96	58822	4.803	ug/L	99
19) 1,1-Dichloroethane	3.198	63	115818	4.831	ug/L	98
21) 2-Butanone	4.050	43	138444	63.455	ug/L	85
22) cis-1,2-Dichloroethene	3.921	96	62189	5.088	ug/L #	95
23) Bromochloromethane	4.253	128	25482	4.706	ug/L	97
25) Chloroform	4.381	83	121811	4.839	ug/L	100

Quantitation Report (QT Reviewed)

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Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 63 Sample Multiplier: 1

Quant Time: Sep 02 00:07:35 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Sep 01 07:36:37 2022
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VSTD005397

Manual Integrations APPROVED

Reviewed By :Krupa Patel 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.137	62	73274	5.331	ug/L		98
29) 1,1,1-Trichloroethane	4.603	97	114637	5.380	ug/L		99
30) Cyclohexane	4.661	56	99322	5.526	ug/L		97
31) Carbon tetrachloride	4.815	117	96514	5.293	ug/L		99
33) Benzene	5.092	78	274244	5.706	ug/L		100
34) Trichloroethene	5.918	95	62092	5.255	ug/L		99
35) Methylcyclohexane	6.133	83	94927	5.177	ug/L		99
37) 1,2-Dichloropropane	6.211	63	65408	5.389	ug/L	#	96
38) Bromodichloromethane	6.539	83	81496	5.309	ug/L		98
39) cis-1,3-Dichloropropene	7.053	75	72157	4.870	ug/L		98
40) 4-Methyl-2-pentanone	7.262	43	296996	55.059	ug/L		97
42) Toluene	7.407	91	275671	5.744	ug/L		98
44) trans-1,3-Dichloropropene	7.670	75	63284	5.240	ug/L		99
45) 1,1,2-Trichloroethane	7.857	97	40960	5.232	ug/L		94
47) Tetrachloroethene	7.989	164	51102	5.334	ug/L		99
48) 2-Hexanone	8.162	43	229497	56.693	ug/L		98
49) Dibromochloromethane	8.259	129	49084	5.292	ug/L		100
50) 1,2-Dibromoethane	8.368	107	37580	5.359	ug/L	#	98
51) Chlorobenzene	8.889	112	161942	5.352	ug/L		99
52) Ethylbenzene	9.018	91	255878	5.262	ug/L		99
53) m,p-Xylene	9.143	106	101784	5.445	ug/L		96
54) o-Xylene	9.548	106	96609	5.416	ug/L		98
55) Styrene	9.564	104	173005	5.679	ug/L		98
57) 1,1,2,2-Tetrachloroethane	10.243	83	47717	5.513	ug/L		97
59) Bromoform	9.735	173	22416	4.649	ug/L		100
60) Isopropylbenzene	9.934	105	264395	5.146	ug/L		100
61) 1,2,3-Trichloropropane	10.278	75	33856	4.929	ug/L		98
62) 1,3,5-Trimethylbenzene	10.542	105	68937	4.918	ug/L		99
63) 1,2,4-Trimethylbenzene	10.915	105	196037	4.864	ug/L		100
64) 1,3-Dichlorobenzene	11.182	146	129634	5.228	ug/L		99
65) 1,4-Dichlorobenzene	11.272	146	126860	5.146	ug/L		99
67) 1,2-Dichlorobenzene	11.641	146	114943	5.169	ug/L		98
68) 1,2-Dibromo-3-chloropr...	12.426	75	6447	4.713	ug/L		95
69) 1,3,5-Trichlorobenzene	12.644	180	90828	5.081	ug/L		99
70) 1,2,4-trichlorobenzene	13.259	180	62856	4.770	ug/L		99
71) Naphthalene	13.500	128	79096	3.836	ug/L		100
72) 1,2,3-Trichlorobenzene	13.741	180	55877	4.708	ug/L		98

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

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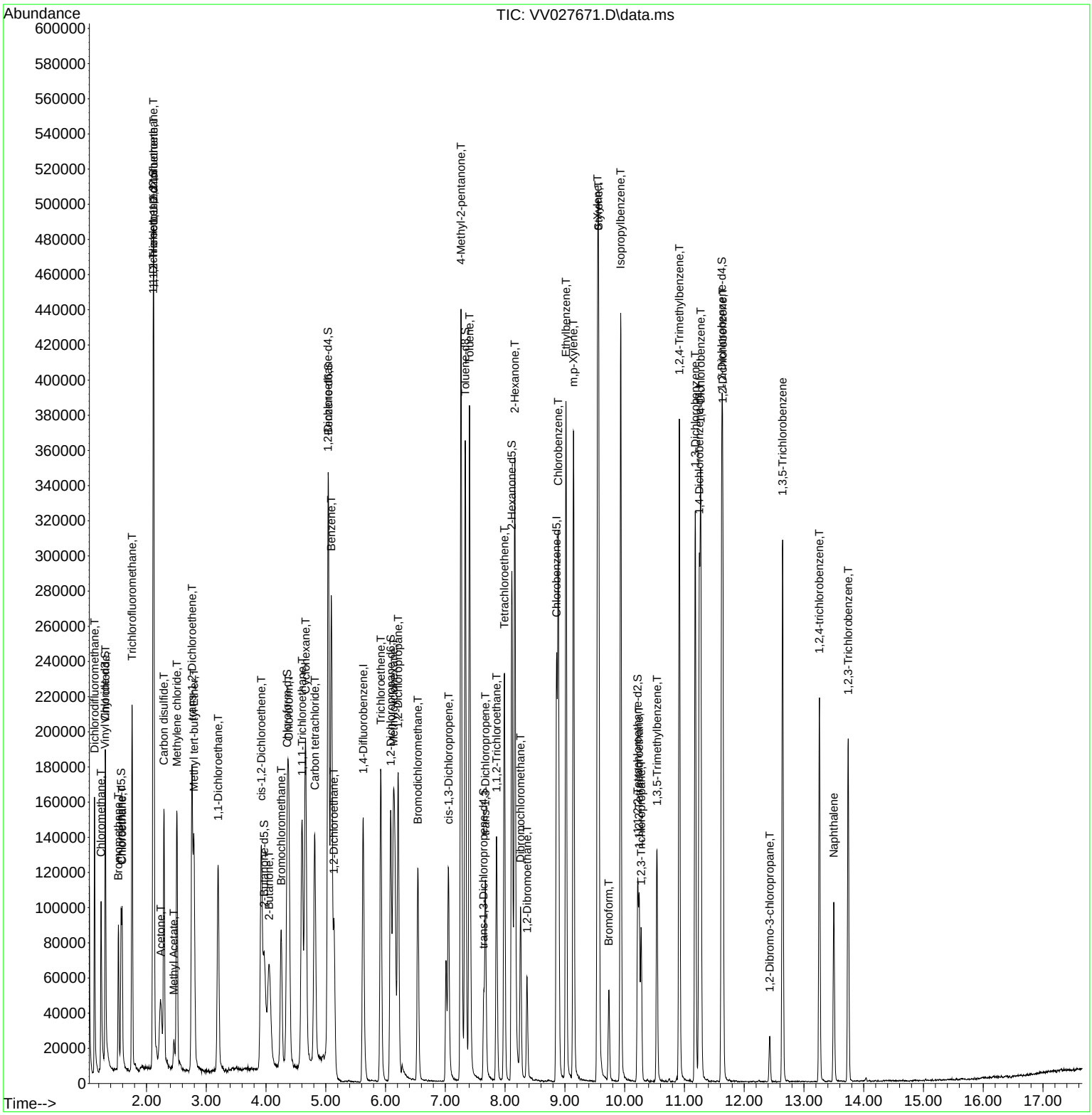
Data File : VV027671.D
Acq On : 01 Sep 2022 15:25
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 63 Sample Multiplier: 1

Quant Time: Sep 02 00:07:35 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Sep 01 07:36:37 2022
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VSTD005397

Manual Integrations APPROVED

Reviewed By :Krupa Patel 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



Quantitation Report (Qedit)

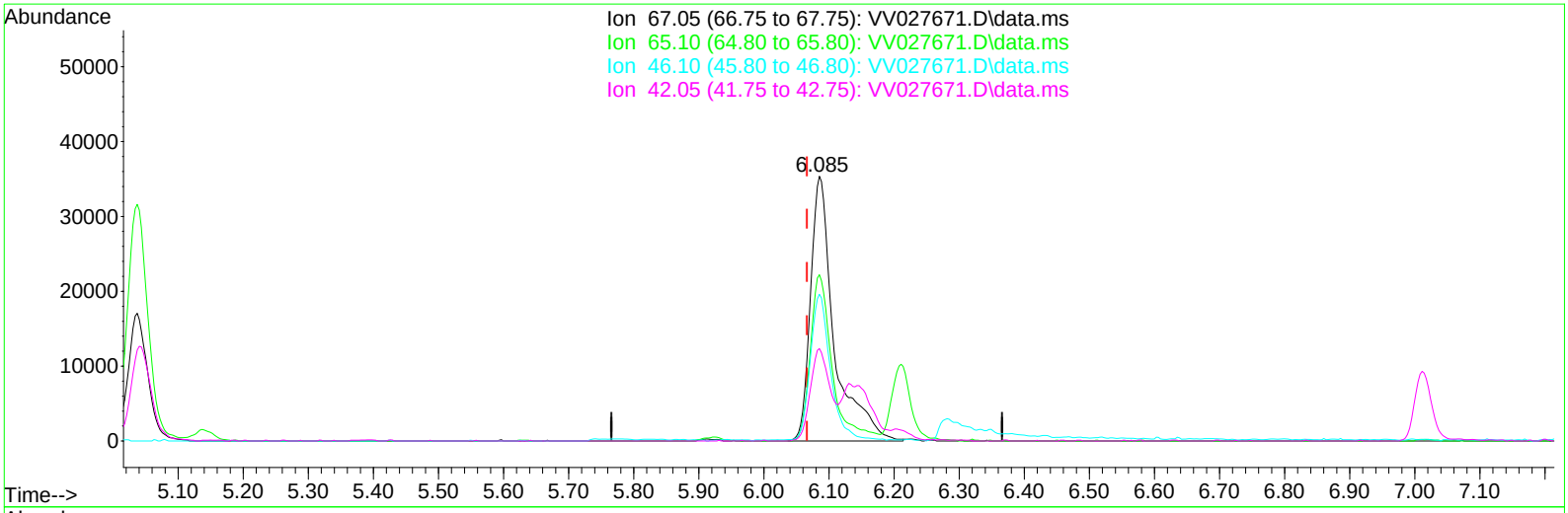
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083122\
Data File : VV027671.D
Acq On : 01 Sep 2022 15:25
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 63 Sample Multiplier: 1

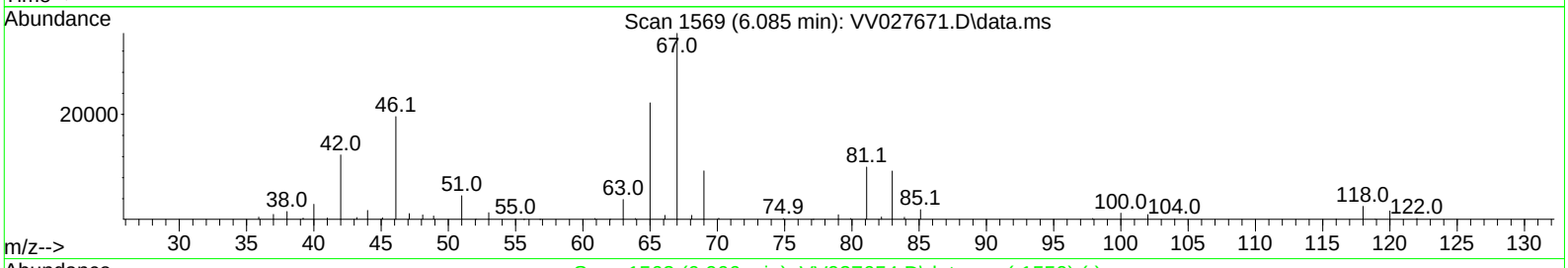
Quant Time: Sep 05 05:54:28 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Sep 03 05:30:57 2022
Response via : Initial Calibration

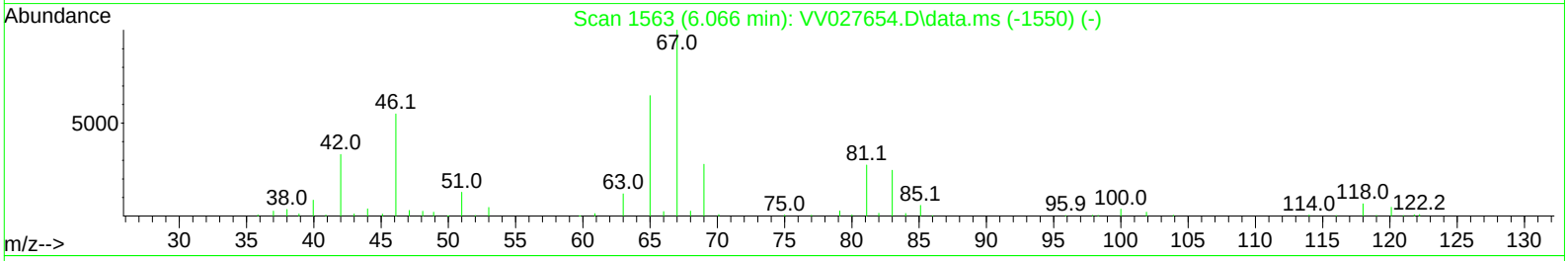
Instrument :
MSVOA_V
ClientSampleId :
VSTD005397

Manual Integrations APPROVED

Reviewed By :Krupa Patel 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022







TIC: VV027671.D\data.ms

(36) 1,2-Dichloropropane-d6 (S)

6.085min (+ 0.019) 5.77 ug/L

response 90065

Ion	Exp%	Act%
67.05	100.00	100.00
65.10	65.70	58.00
46.10	59.70	46.65
42.05	32.30	29.27

Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083122\
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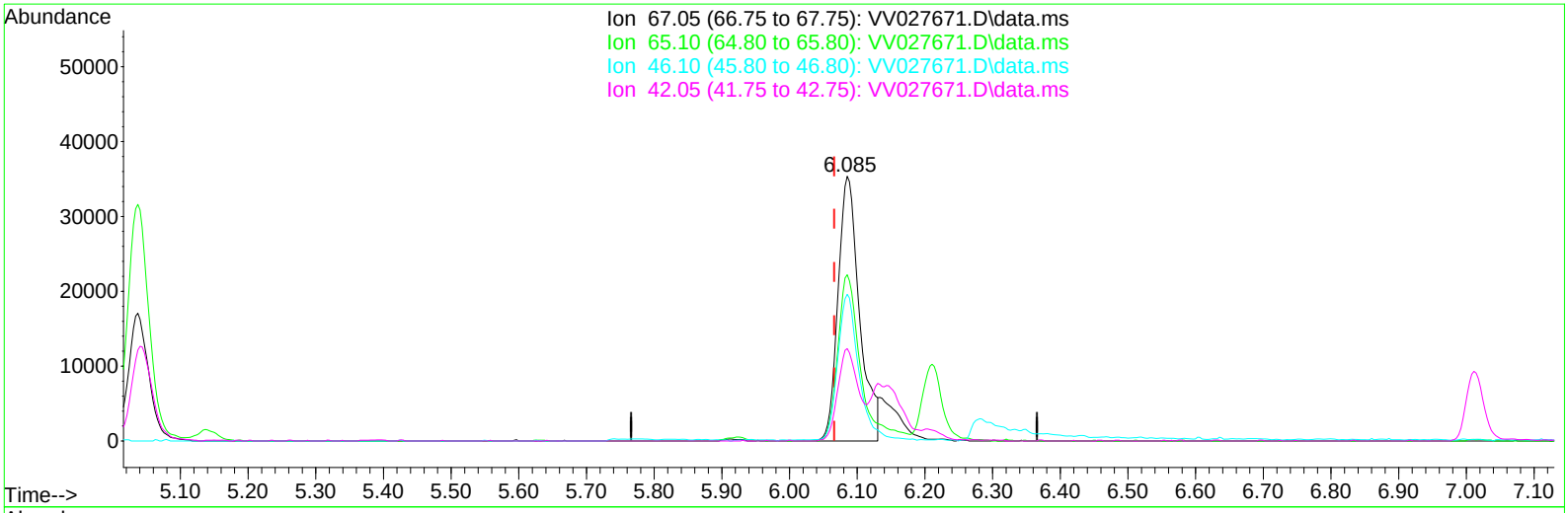

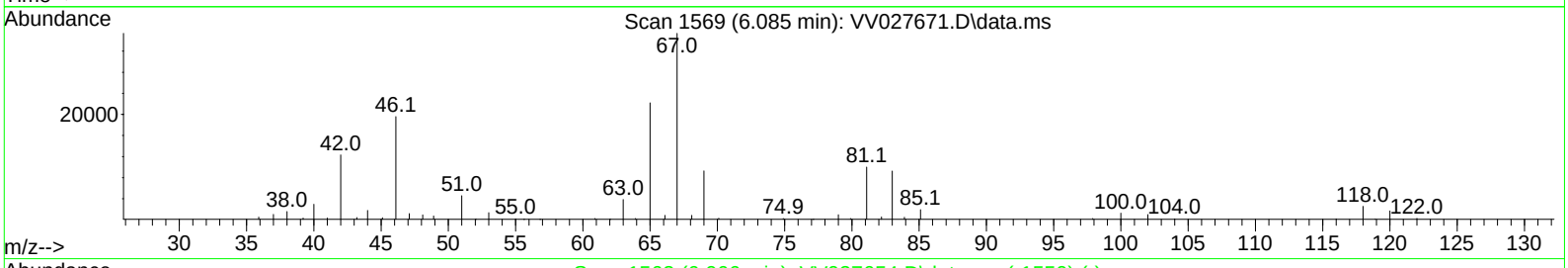

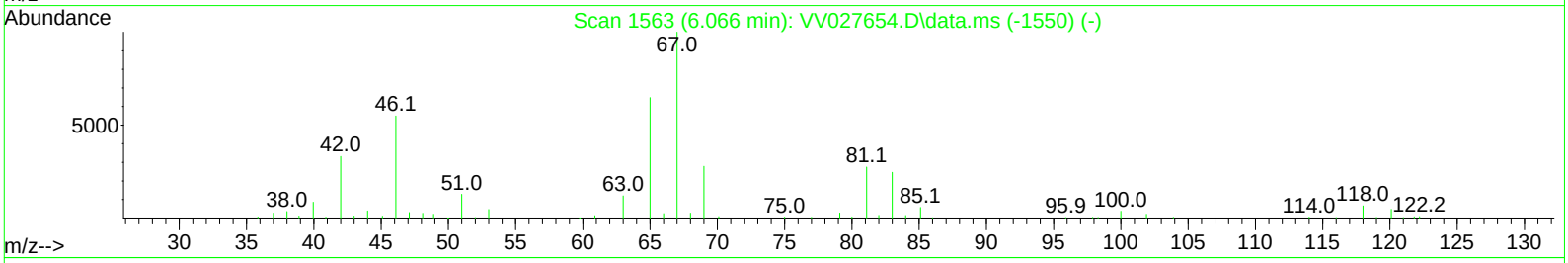

TIC: VV027671.D\data.ms

(36) 1,2-Dichloropropane-d6 (S)

6.085min (+ 0.019) 5.00 ug/L m

response 78116

Ion	Exp%	Act%
67.05	100.00	100.00
65.10	65.70	66.87
46.10	59.70	53.78
42.05	32.30	33.75

Quantitation Report (QT Reviewed)

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
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28) Chlorobenzene-d5	8.860	117	123231	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	67883	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	65321	4.645	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 93.000%			
7) Chloroethane-d5	1.574	69	54917	4.668	ug/L	0.00
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43) trans-1,3-Dichloroprop...	7.641	79	23569	4.900	ug/L	0.02
Spiked Amount 5.000	Range 55 - 130		Recovery = 98.000%			
46) 2-Hexanone-d5	8.111	63	95889	53.013	ug/L	0.02
Spiked Amount 50.000	Range 45 - 130		Recovery = 106.020%			
56) 1,1,2,2-Tetrachloroeth...	10.220	84	51456	5.121	ug/L	0.00
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Spiked Amount 5.000	Range 80 - 120		Recovery = 96.000%			
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Manual Integrations APPROVED

Reviewed By :Krupa Patel 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) Chloroform	4.381	83	121811	4.839	ug/L		100
27) 1,2-Dichloroethane	5.137	62	73274	5.331	ug/L		98
29) 1,1,1-Trichloroethane	4.603	97	114637	5.380	ug/L		99
30) Cyclohexane	4.661	56	99322	5.526	ug/L		97
31) Carbon tetrachloride	4.815	117	96514	5.293	ug/L		99
33) Benzene	5.092	78	274244	5.706	ug/L		100
34) Trichloroethene	5.918	95	62092	5.255	ug/L		99
35) Methylcyclohexane	6.133	83	94927	5.177	ug/L		99
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52) Ethylbenzene	9.018	91	255878	5.262	ug/L		99
53) m,p-Xylene	9.143	106	101784	5.445	ug/L		96
54) o-Xylene	9.548	106	96609	5.416	ug/L		98
55) Styrene	9.564	104	173005	5.679	ug/L		98
57) 1,1,2,2-Tetrachloroethane	10.243	83	47717	5.513	ug/L		97
59) Bromoform	9.735	173	22416	4.649	ug/L		100
60) Isopropylbenzene	9.934	105	264395	5.146	ug/L		100
61) 1,2,3-Trichloropropane	10.278	75	33856	4.929	ug/L		98
62) 1,3,5-Trimethylbenzene	10.542	105	68937	4.918	ug/L		99
63) 1,2,4-Trimethylbenzene	10.915	105	196037	4.864	ug/L		100
64) 1,3-Dichlorobenzene	11.182	146	129634	5.228	ug/L		99
65) 1,4-Dichlorobenzene	11.272	146	126860	5.146	ug/L		99
67) 1,2-Dichlorobenzene	11.641	146	114943	5.169	ug/L		98
68) 1,2-Dibromo-3-chloropr...	12.426	75	6447	4.713	ug/L		95
69) 1,3,5-Trichlorobenzene	12.644	180	90828	5.081	ug/L		99
70) 1,2,4-trichlorobenzene	13.259	180	62856	4.770	ug/L		99
71) Naphthalene	13.500	128	79096	3.836	ug/L		100
72) 1,2,3-Trichlorobenzene	13.741	180	55877	4.708	ug/L		98

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083122\
Data File : VV027671.D
Acq On : 01 Sep 2022 15:25
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 63 Sample Multiplier: 1

Quant Time: Sep 02 00:07:35 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Sep 01 07:36:37 2022
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VSTD005397

Manual Integrations APPROVED

Reviewed By :Krupa Patel 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022