Quantitation Report (QT Reviewed)

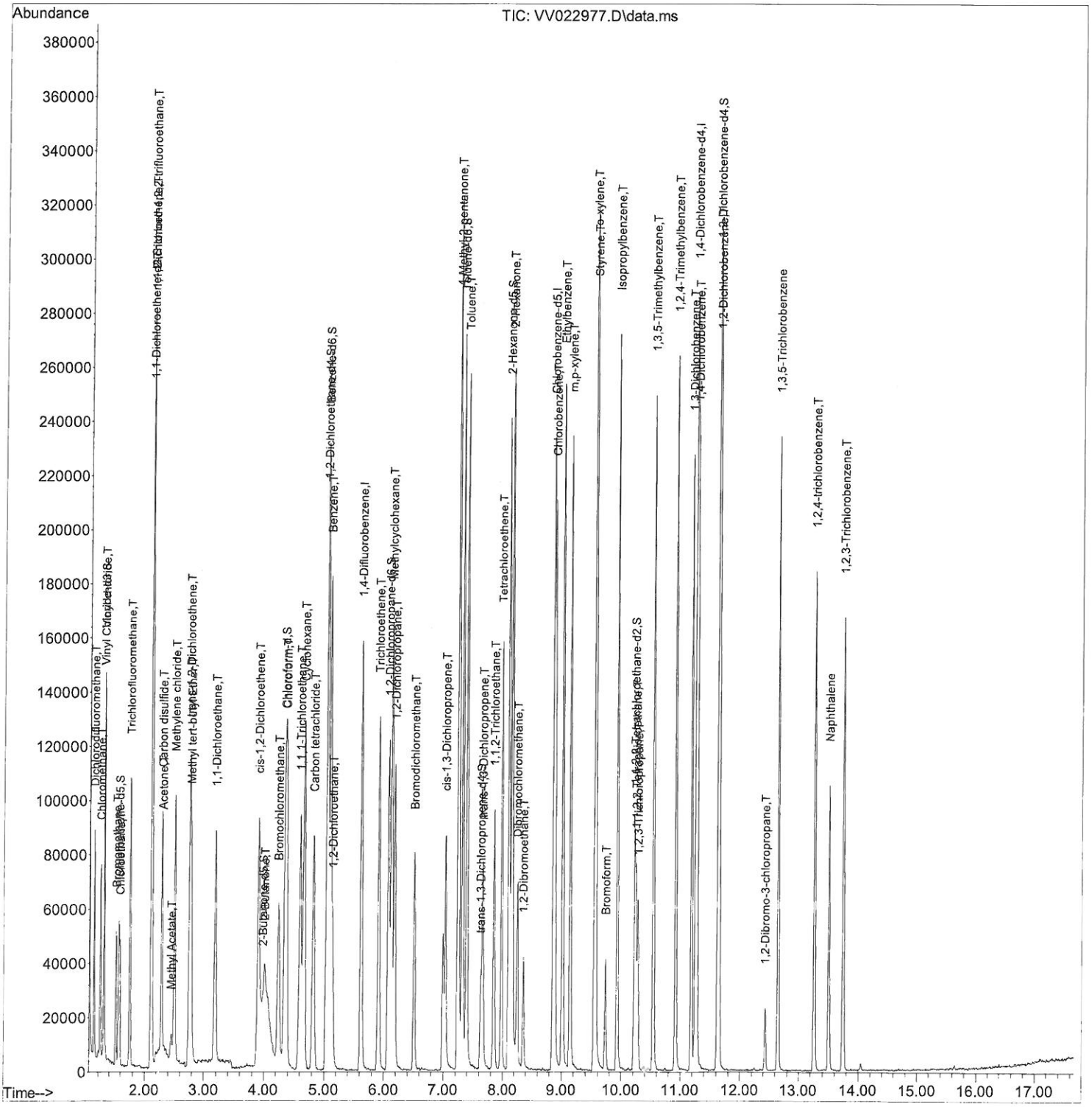
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102221\
Data File : VV022977.D
Acq On : 22 Oct 2021 00:24
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Oct 22 05:00:13 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 22 04:55:17 2021
Response via : Initial Calibration

Instrument :
MSVOA_V
LabSampleId :
VSTDCCC005EC

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



Quantitation Report (Qedit)

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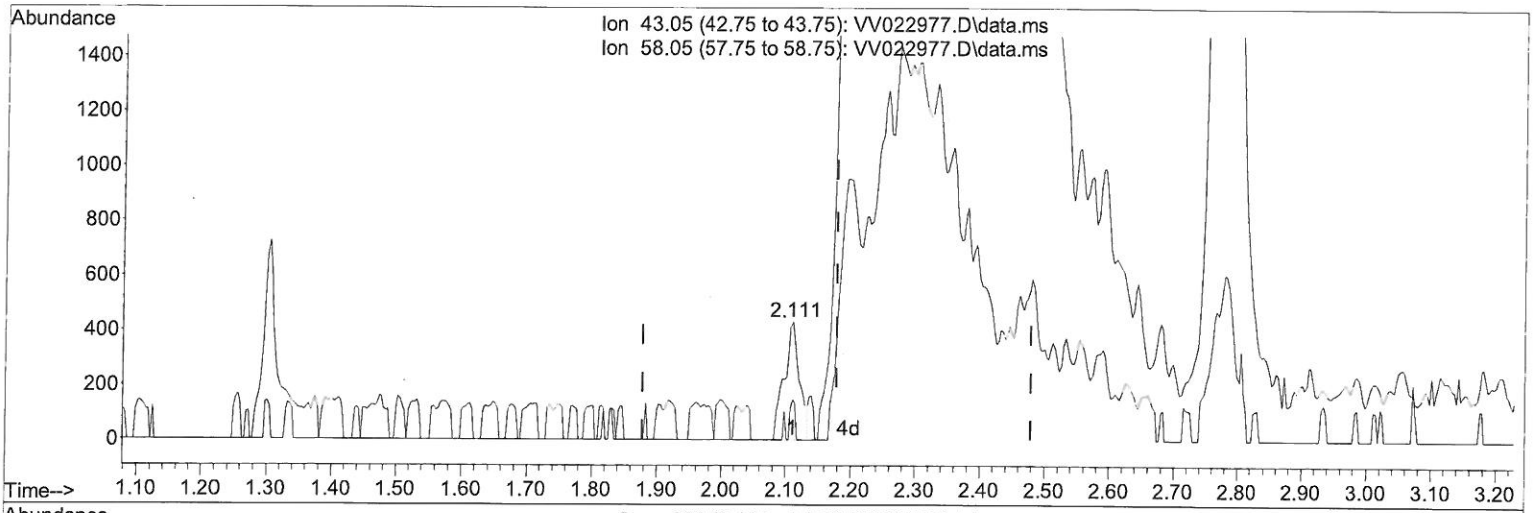

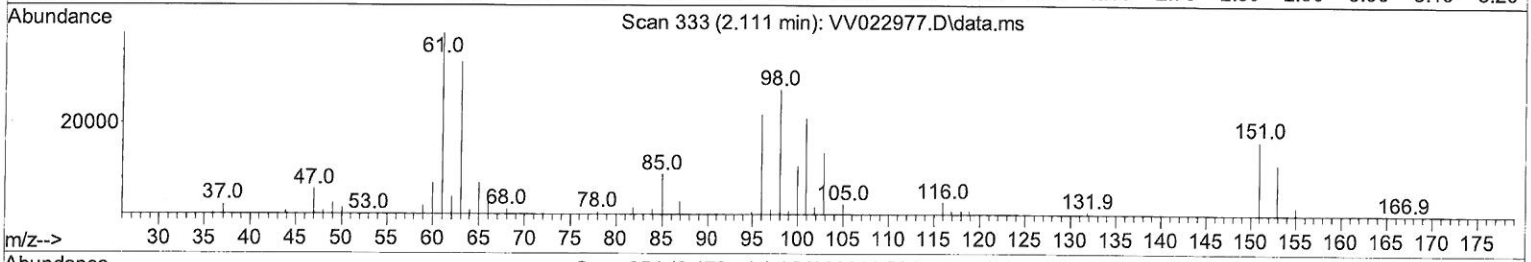

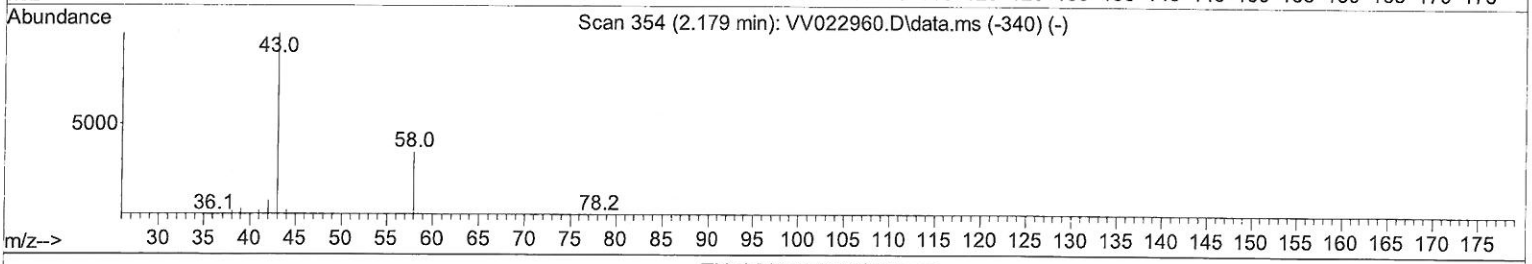

TIC: VV022977.D\data.ms

(13) Acetone (T)

2.111min (-0.068) 0.52 ug/L

response 721

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	12.10	10.40
0.00	0.00	0.00
0.00	0.00	0.00

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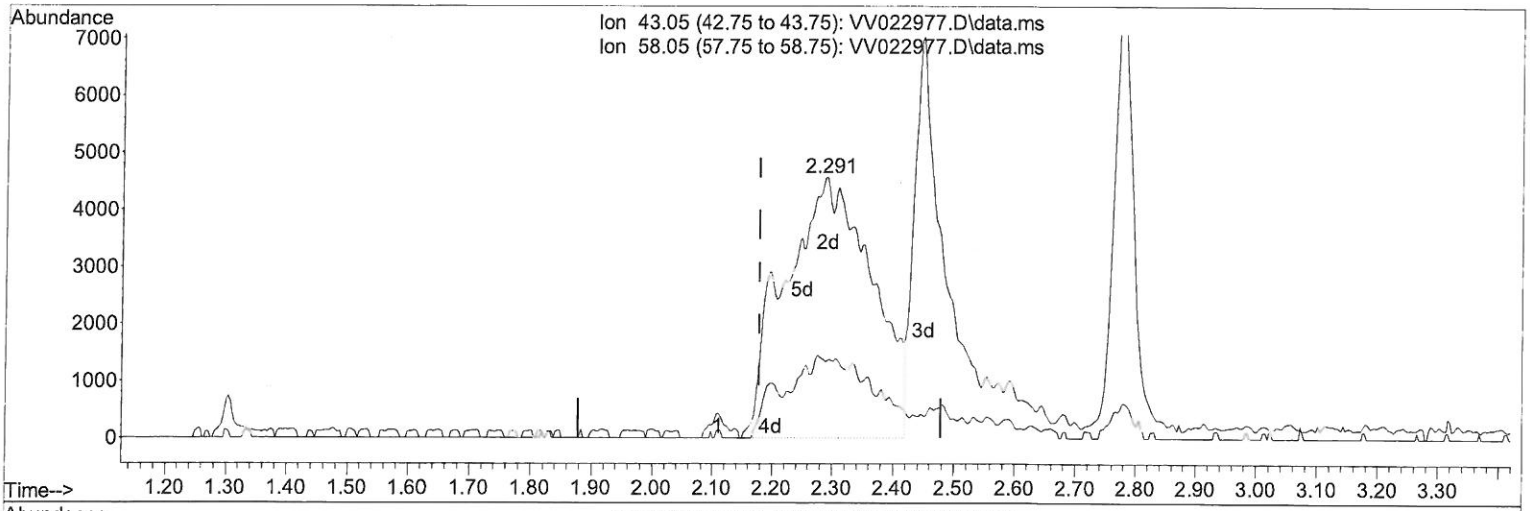

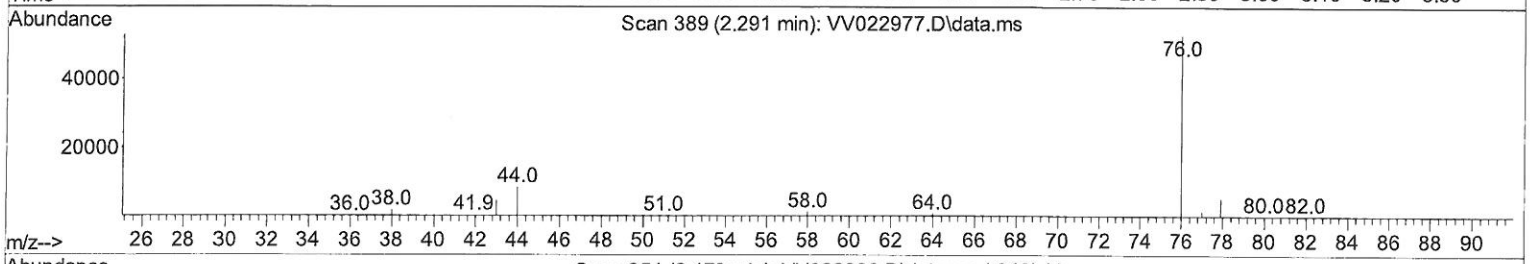

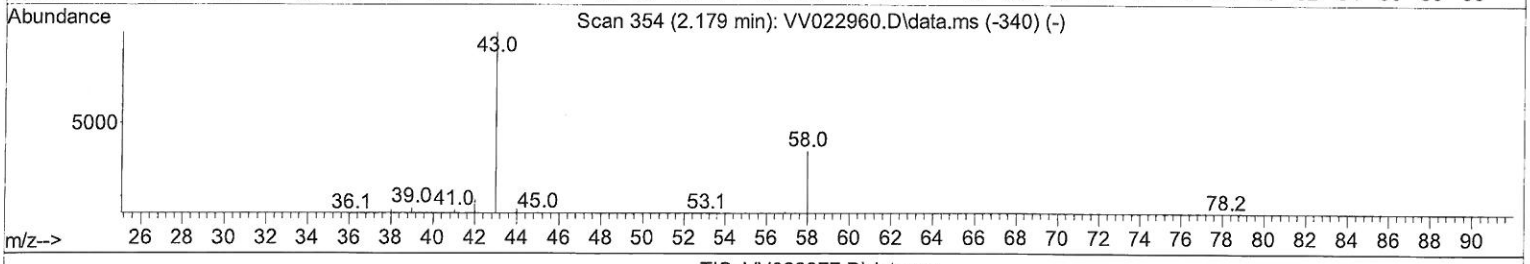

TIC: VV022977.D\data.ms

(13) Acetone (T)

2.291min (+ 0.112) 33.05 ug/L m

response 45589

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	12.10	0.16
0.00	0.00	0.00
0.00	0.00	0.00

SMD 10/26/21

Quantitation Report (Qedit)

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 22 04:55:17 2021
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Instrument :
MSVOA_V
LabSampleId :
VSTDCCC005EC

Manual IntegrationsAPPROVED

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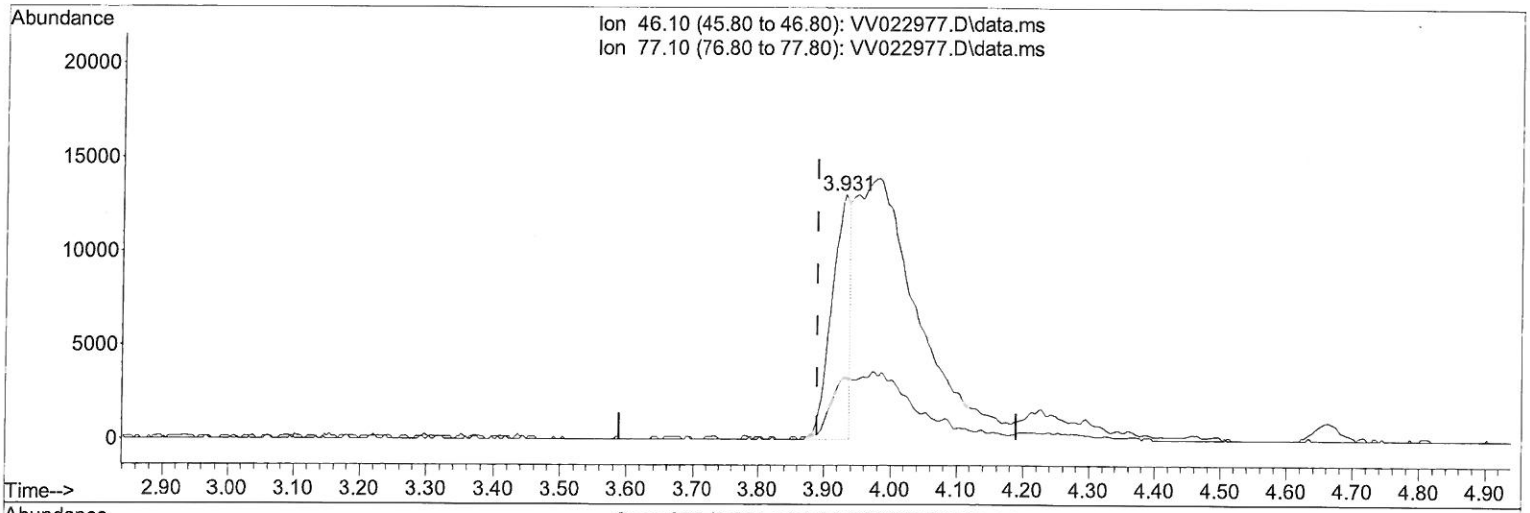

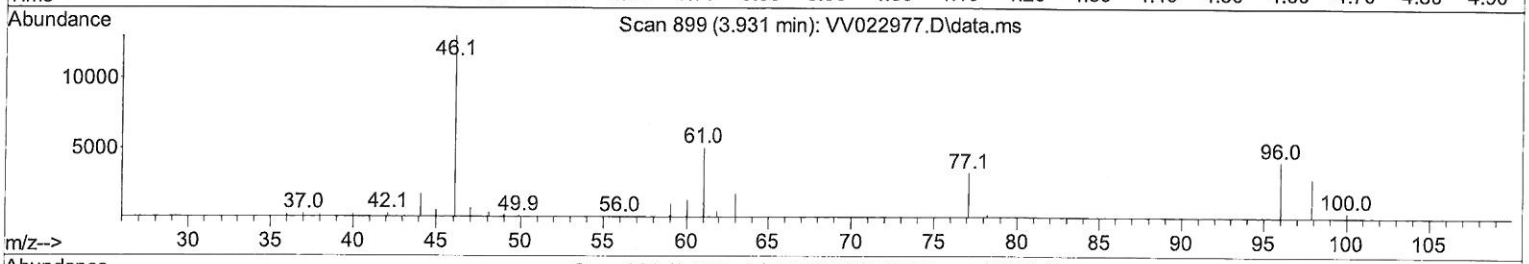

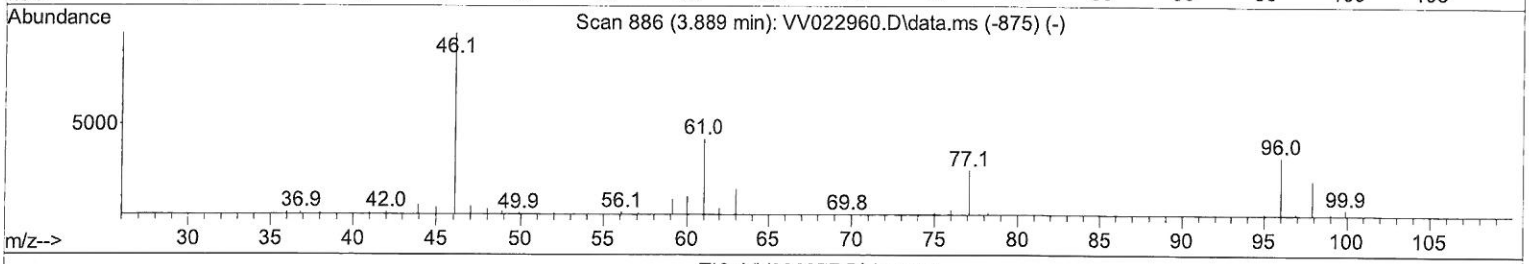

TIC: VV022977.D\data.ms

(20) 2-Butanone-d5 (S)

3.931min (+ 0.042) 9.86 ug/L

response 24400

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	23.90	33.51#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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Data File : VV022977.D
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Operator : SY/MD
Sample : VSTDCCC005EC
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ALS Vial : 19 Sample Multiplier: 1

Quant Time: Oct 22 05:00:13 2021
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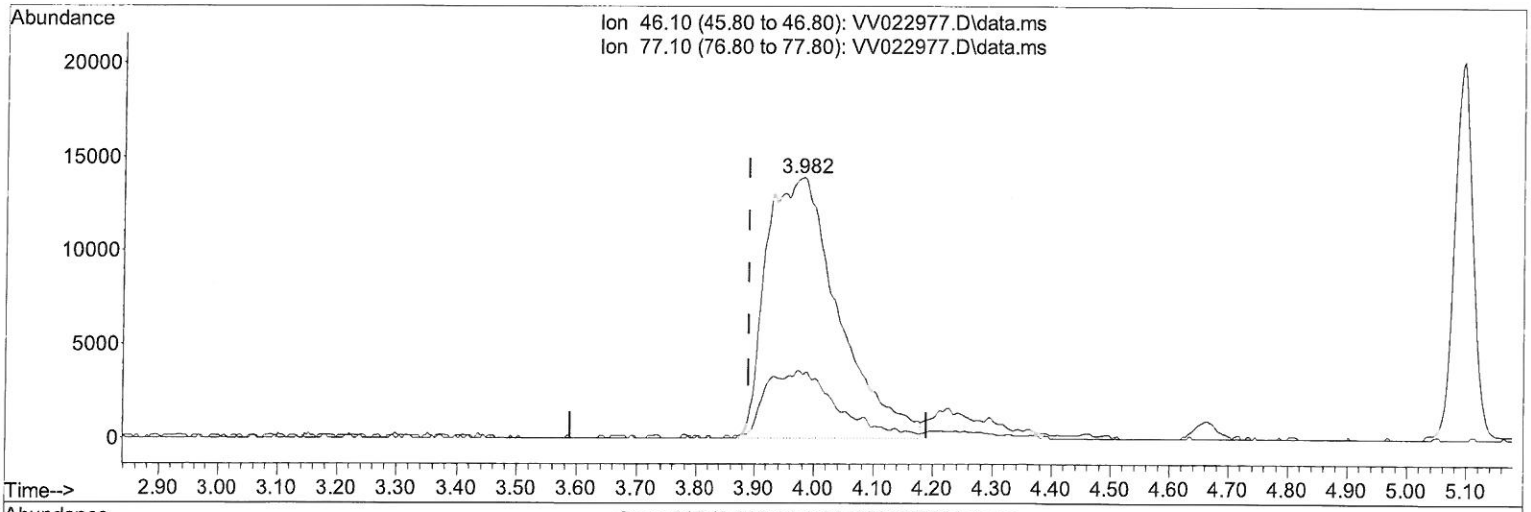
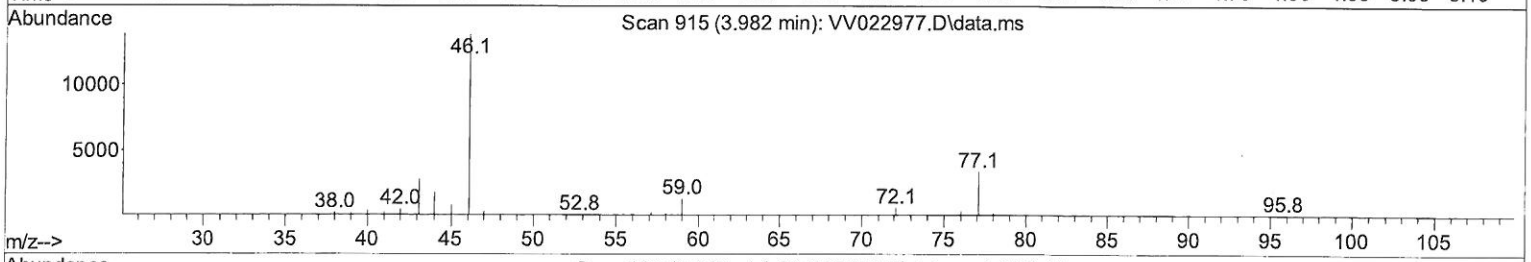
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 22 04:55:17 2021
Response via : Initial Calibration

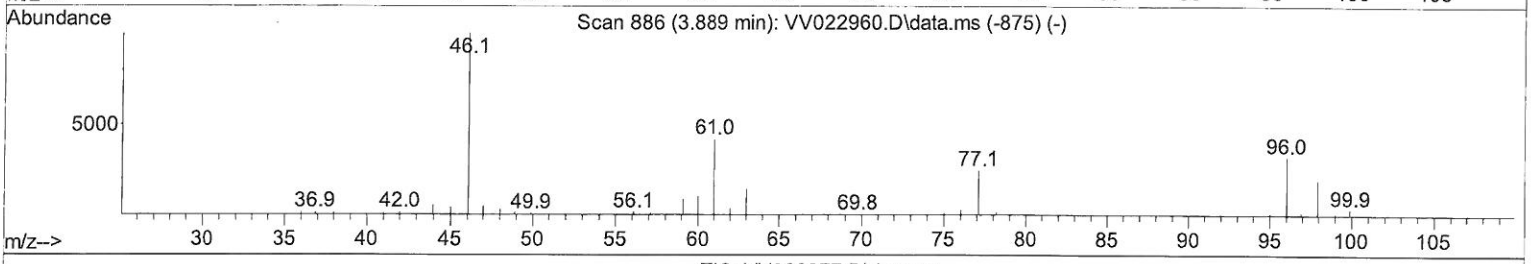
Instrument :
MSVOA_V
LabSampleId :
VSTDCCC005EC

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021







TIC: VV022977.D\data.ms

(20) 2-Butanone-d5 (S)

3.982min (+ 0.093) 47.26 ug/L m

response 116922

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	23.90	6.99#
0.00	0.00	0.00
0.00	0.00	0.00

MD 10/26/21

Quantitation Report (Qedit)

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Instrument :
MSVOA_V
LabSampleId :
VSTDCCC005EC

Manual IntegrationsAPPROVED

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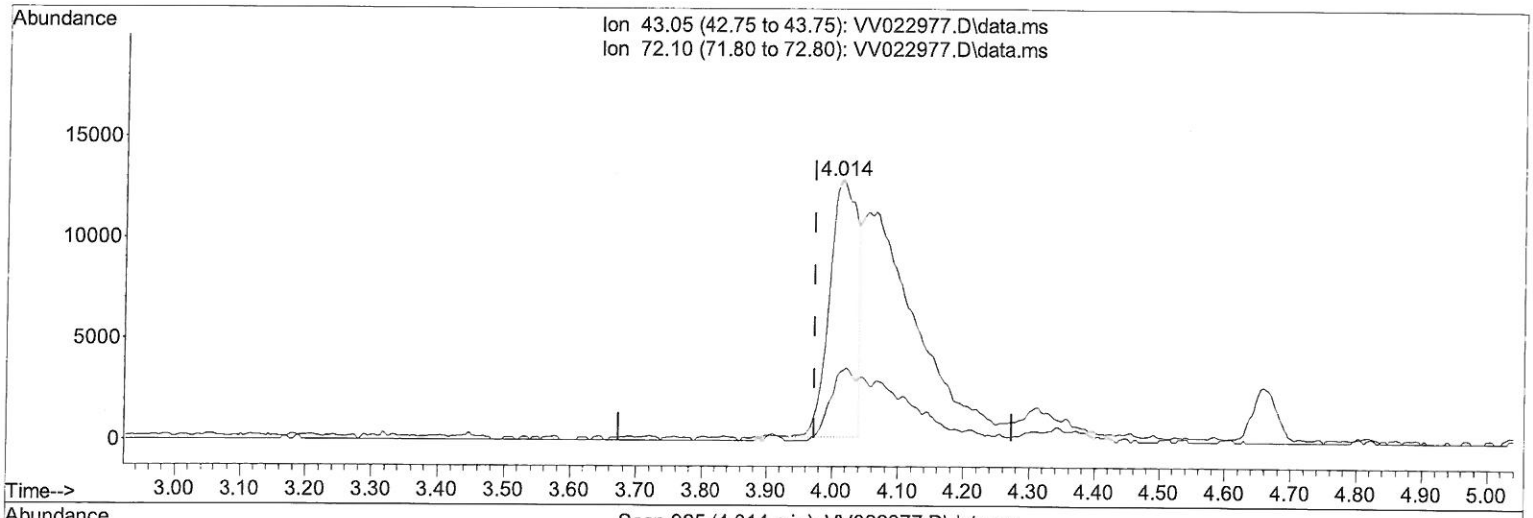
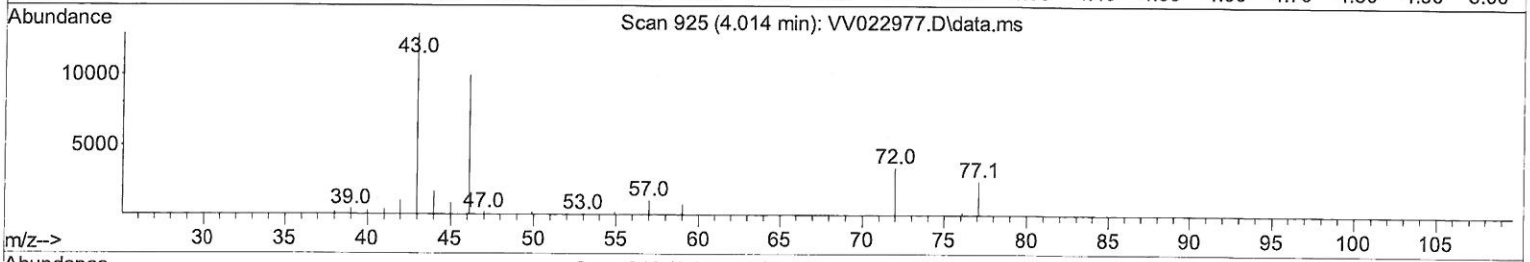
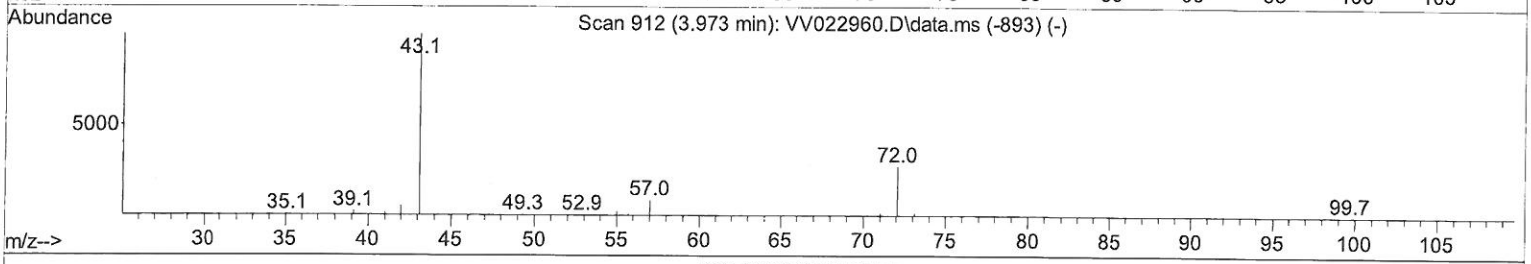






TIC: VV022977.D\data.ms

(21) 2-Butanone (T)

4.014min (+ 0.042) 16.39 ug/L

response 37030

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	24.50	25.04
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

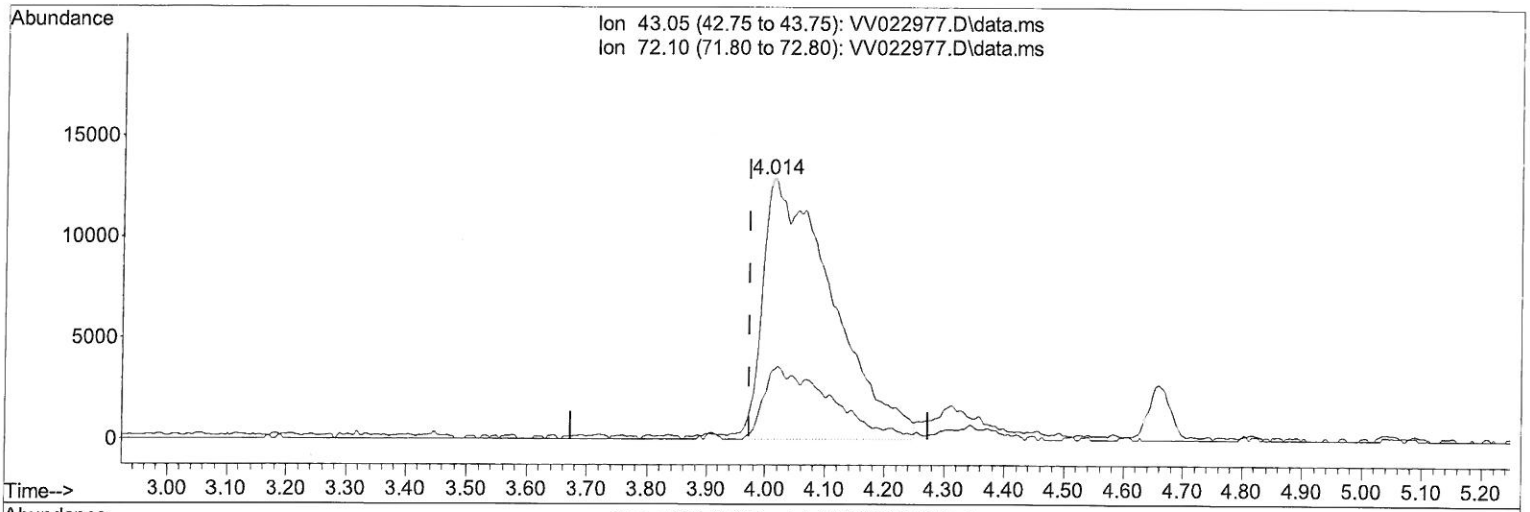
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102221\
Data File : VV022977.D
Acq On : 22 Oct 2021 00:24
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

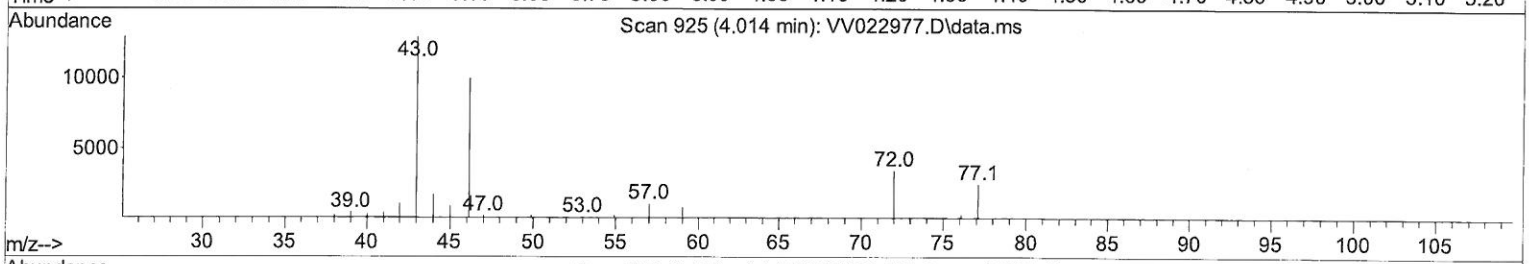
Quant Time: Oct 22 05:00:13 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 22 04:55:17 2021
Response via : Initial Calibration

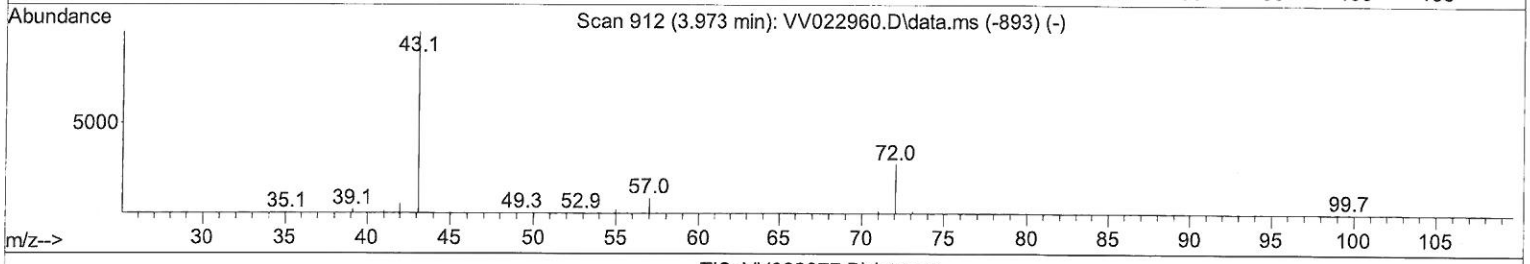
Instrument :
MSVOA_V
LabSampleId :
VSTDCCC005EC

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021







TIC: VV022977.D\data.ms

(21) 2-Butanone (T)

4.014min (+ 0.042) 46.20 ug/L m

response 104350

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	24.50	8.89#
0.00	0.00	0.00
0.00	0.00	0.00

SMD 10/26/21

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

Reviewed By :John Carlone 10/25/2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	137136	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	124434	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	71611	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	39146	4.149	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 83.000%			
7) Chloroethane-d5	1.561	69	29326	3.459	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 69.200%			
11) 1,1-Dichloroethene-d2	2.101	63	71979	3.889	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 77.800%			
20) 2-Butanone-d5	3.982	46	116922m	47.262	ug/L	0.097
Spiked Amount 50.000	Range 40 - 130		Recovery = 94.520%			
24) Chloroform-d	4.346	84	99885	5.137	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.800%			
26) 1,2-Dichloroethane-d4	5.034	65	44225	4.686	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.800%			
32) Benzene-d6	5.043	84	195400	5.275	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 105.400%			
36) 1,2-Dichloropropane-d6	6.072	67	59281	5.404	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 108.000%			
41) Toluene-d8	7.313	98	176702	5.518	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 110.400%			
43) trans-1,3-Dichloroprop...	7.625	79	17658	4.852	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 97.000%			
46) 2-Hexanone-d5	8.101	63	87204	59.462	ug/L	0.01
Spiked Amount 50.000	Range 45 - 130		Recovery = 118.920%			
56) 1,1,2,2-Tetrachloroeth...	10.220	84	40592	5.462	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 109.200%			
66) 1,2-Dichlorobenzene-d4	11.625	152	63966	4.818	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	41868	4.189	ug/L	99
3) Chloromethane	1.240	50	42767	4.257	ug/L	99
5) Vinyl chloride	1.304	62	45282	4.363	ug/L	100
6) Bromomethane	1.516	94	18463	2.854	ug/L	99
8) Chloroethane	1.577	64	21696	3.379	ug/L	97
9) Trichlorofluoromethane	1.744	101	59789	3.933	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	35117	3.971	ug/L	99
12) 1,1-Dichloroethene	2.111	96	31758	3.834	ug/L	100
13) Acetone	2.291	43	45589m	33.047	ug/L	
14) Carbon disulfide	2.285	76	92002	3.952	ug/L	99
15) Methyl Acetate	2.449	43	17247	4.369	ug/L	91
16) Methylene chloride	2.500	84	39110	3.430	ug/L	97
17) Methyl tert-butyl Ether	2.776	73	81425	4.062	ug/L	98
18) trans-1,2-Dichloroethene	2.751	96	35895	3.985	ug/L	97
19) 1,1-Dichloroethane	3.182	63	80863	4.984	ug/L	97
21) 2-Butanone	4.014	43	104350m	46.198	ug/L	
22) cis-1,2-Dichloroethene	3.905	96	44219	4.675	ug/L	93
23) Bromochloromethane	4.243	128	21299	5.068	ug/L	94

MD 10/20/21

MD 10/26/21

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Instrument :
MSVOA_V
LabSampleId :
VSTDCCC005EC

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Chloroform	4.371	83	90109	4.791	ug/L	99
27) 1,2-Dichloroethane	5.133	62	44265	4.715	ug/L	96
29) 1,1,1-Trichloroethane	4.600	97	74846	5.267	ug/L	99
30) Cyclohexane	4.664	56	62524	4.768	ug/L	99
31) Carbon tetrachloride	4.815	117	65232	5.289	ug/L	98
33) Benzene	5.091	78	181680	5.421	ug/L	100
34) Trichloroethene	5.908	95	45261	4.966	ug/L	98
35) Methylcyclohexane	6.124	83	65274	5.112	ug/L	94
37) 1,2-Dichloropropane	6.175	63	44843	5.564	ug/L	98
38) Bromodichloromethane	6.513	83	53262	5.363	ug/L	96
39) cis-1,3-Dichloropropene	7.030	75	51139	4.793	ug/L	100
40) 4-Methyl-2-pentanone	7.243	43	222527	51.382	ug/L	97
42) Toluene	7.387	91	185693	5.458	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	43735	5.028	ug/L	96
45) 1,1,2-Trichloroethane	7.844	97	29120	4.869	ug/L	96
47) Tetrachloroethene	7.976	164	37308	5.062	ug/L	99
48) 2-Hexanone	8.149	43	172750	54.554	ug/L	96
49) Dibromochloromethane	8.249	129	35202	5.028	ug/L	89
50) 1,2-Dibromoethane	8.355	107	26650	4.772	ug/L	99
51) Chlorobenzene	8.882	112	112978	5.054	ug/L	99
52) Ethylbenzene	9.014	91	171058	4.952	ug/L	100
53) m,p-xylene	9.140	106	67049	4.946	ug/L	100
54) o-xylene	9.545	106	62319	4.887	ug/L	98
55) Styrene	9.561	104	112459	5.118	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.246	83	34930	5.772	ug/L	95
59) Bromoform	9.734	173	18611	4.640	ug/L	98
60) Isopropylbenzene	9.931	105	168924	4.644	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	24524	4.929	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	129899	4.420	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	138603	4.713	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	94429	4.946	ug/L	98
65) 1,4-Dichlorobenzene	11.275	146	94638	4.882	ug/L	98
67) 1,2-Dichlorobenzene	11.644	146	89527	4.999	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	5250	5.797	ug/L	86
69) 1,3,5-Trichlorobenzene	12.647	180	72648	5.052	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	54397	4.951	ug/L	99
71) Naphthalene	13.503	128	83747	4.796	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	52361	5.055	ug/L	99

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