Quantitation Report (QT Reviewed)

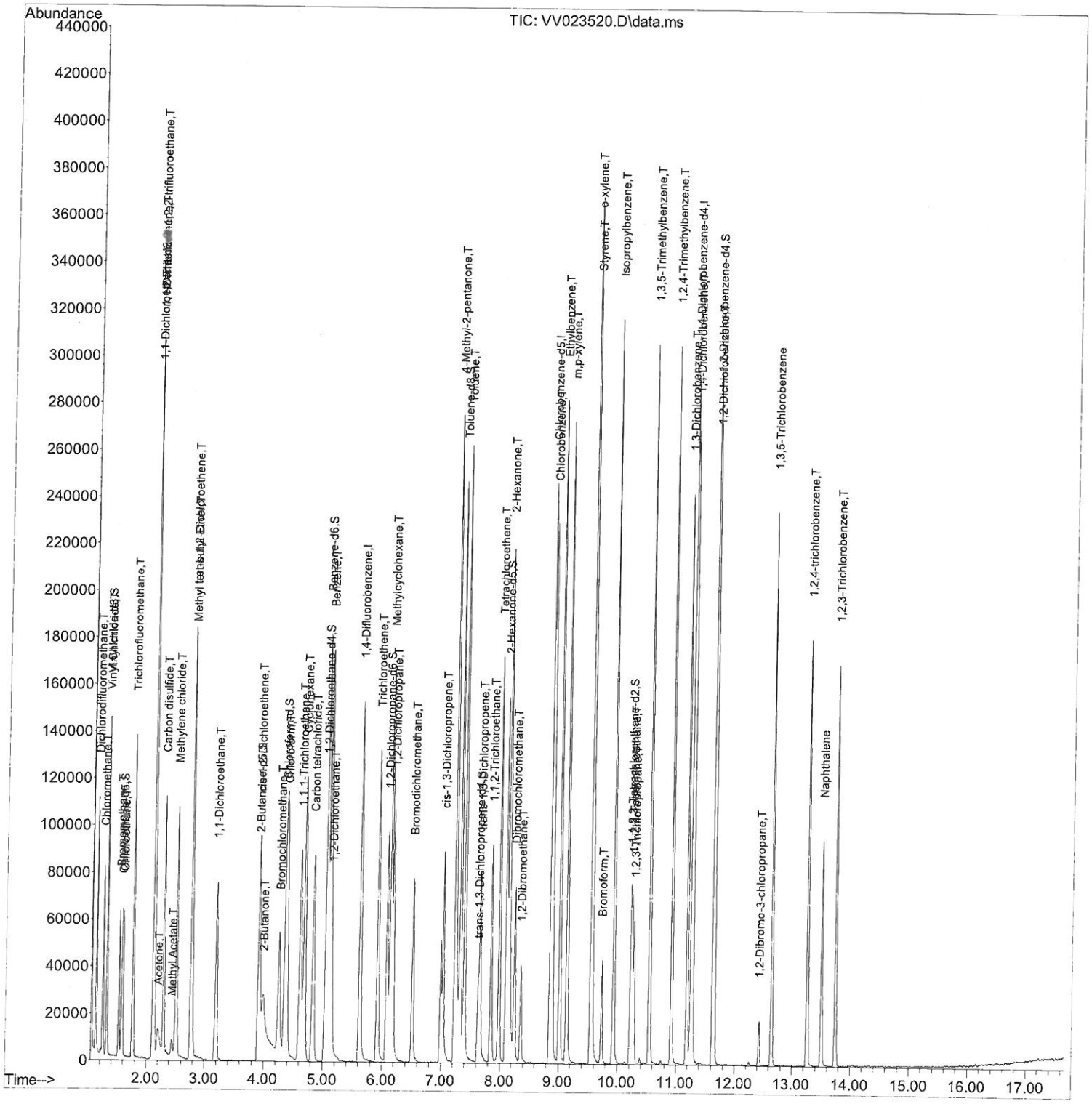
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111521\
Data File : VV023520.D
Acq On : 16 Nov 2021 06:17
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 52 Sample Multiplier: 1

Quant Time: Nov 16 07:59:16 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Nov 16 02:06:43 2021
Response via : Initial Calibration

Instrument :
MSVOA_V
LabSampleId :
VSTDCCC005EC

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/16/2021



Quantitation Report (Qedit)

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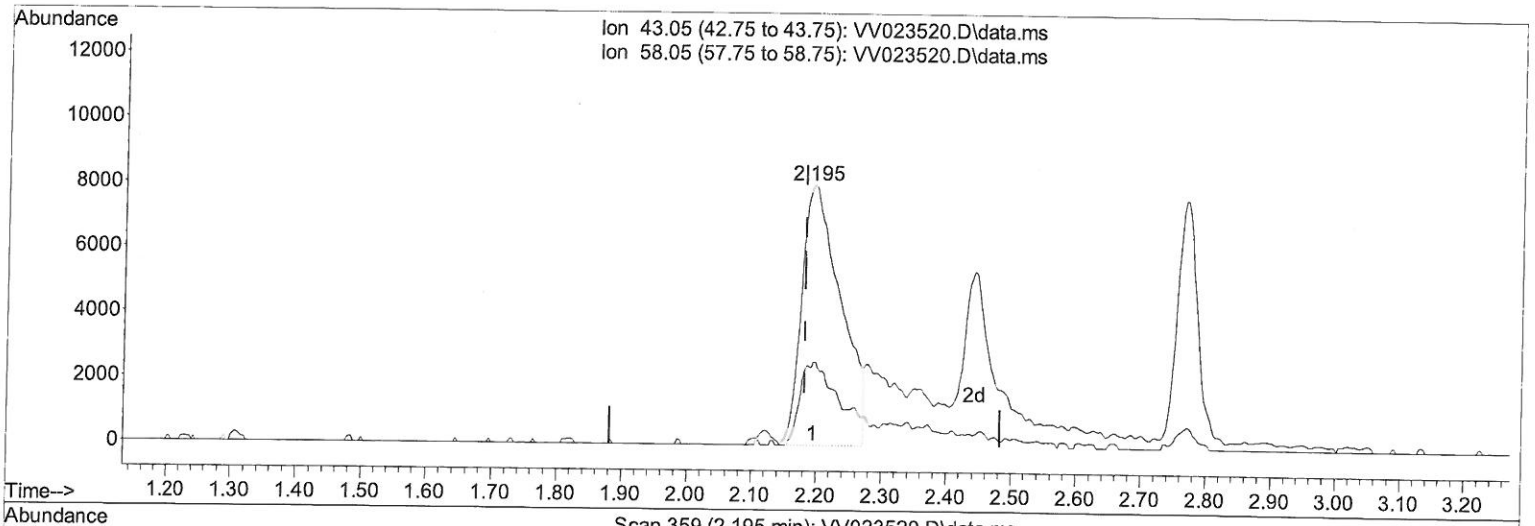

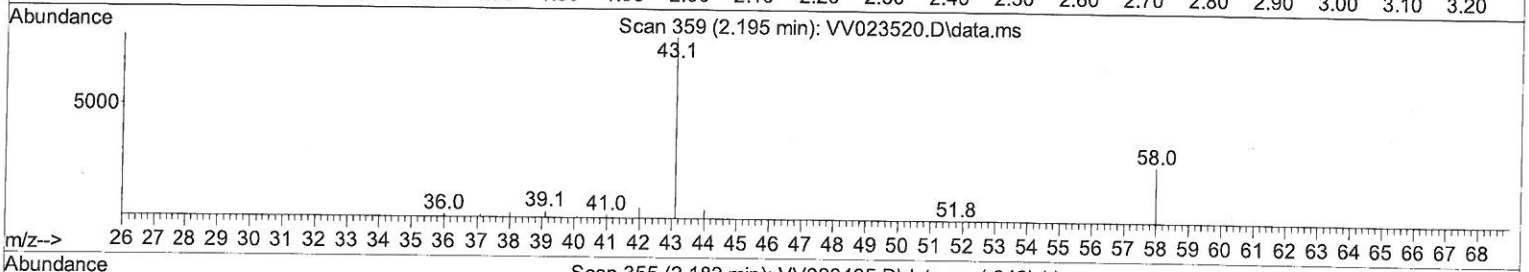

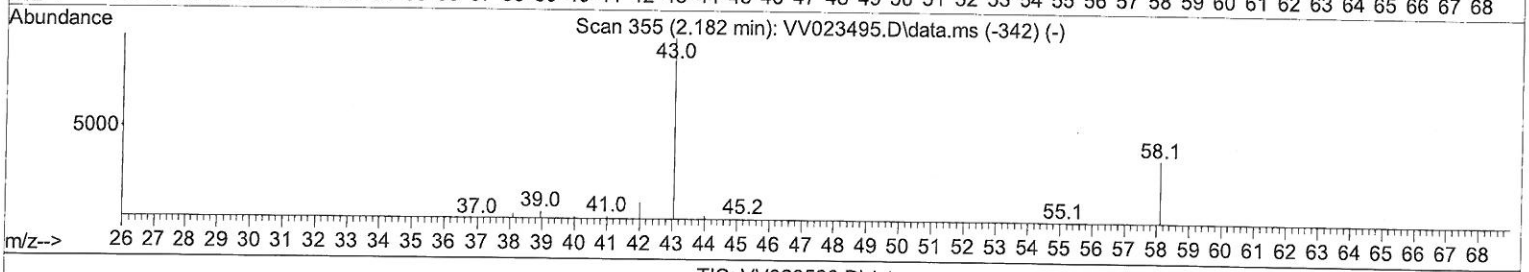

TIC: VV023520.D\data.ms

(13) Acetone (T)

2.195min (+ 0.013) 37.26 ug/L

response 33453

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	27.70	26.88
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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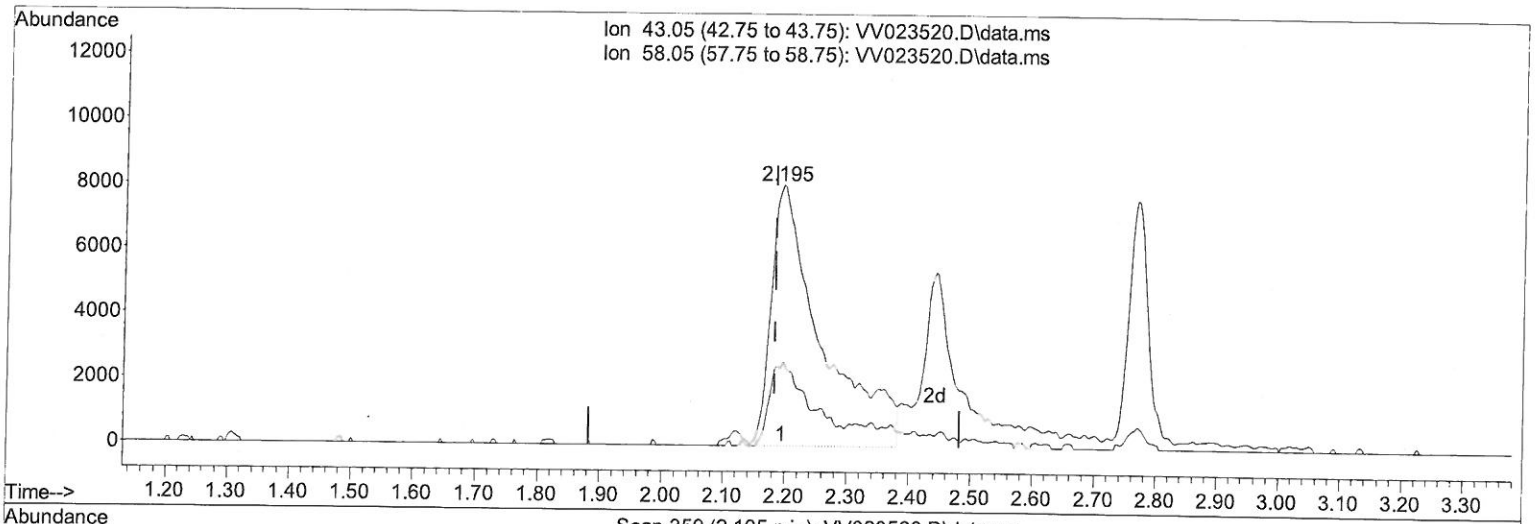

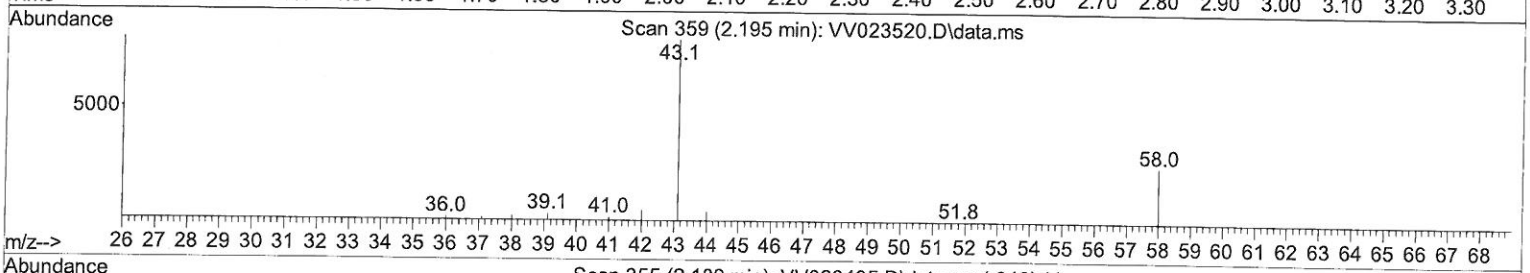

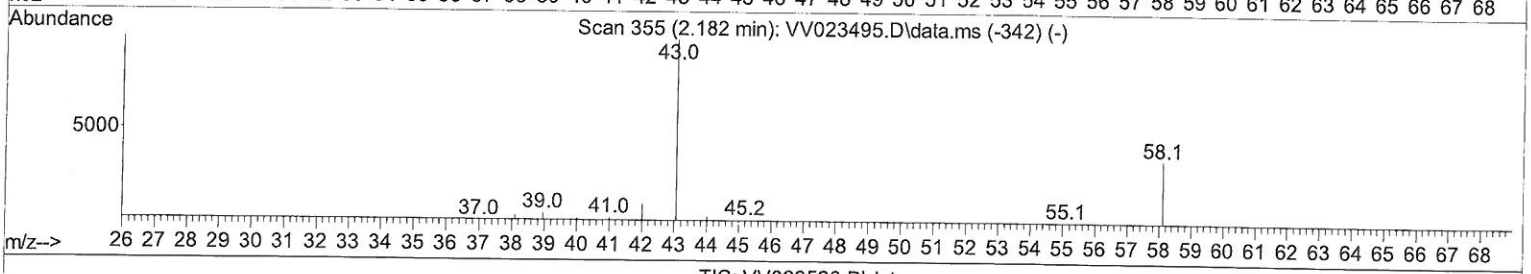

TIC: VV023520.D\data.ms

(13) Acetone (T)

2.195min (+ 0.013) 50.87 ug/L m

response 45669

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	27.70	19.69
0.00	0.00	0.00
0.00	0.00	0.00

MD 11/22/21

Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111521\
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Instrument :
MSVOA_V
LabSampleId :
VSTDCCC005EC

Manual IntegrationsAPPROVED

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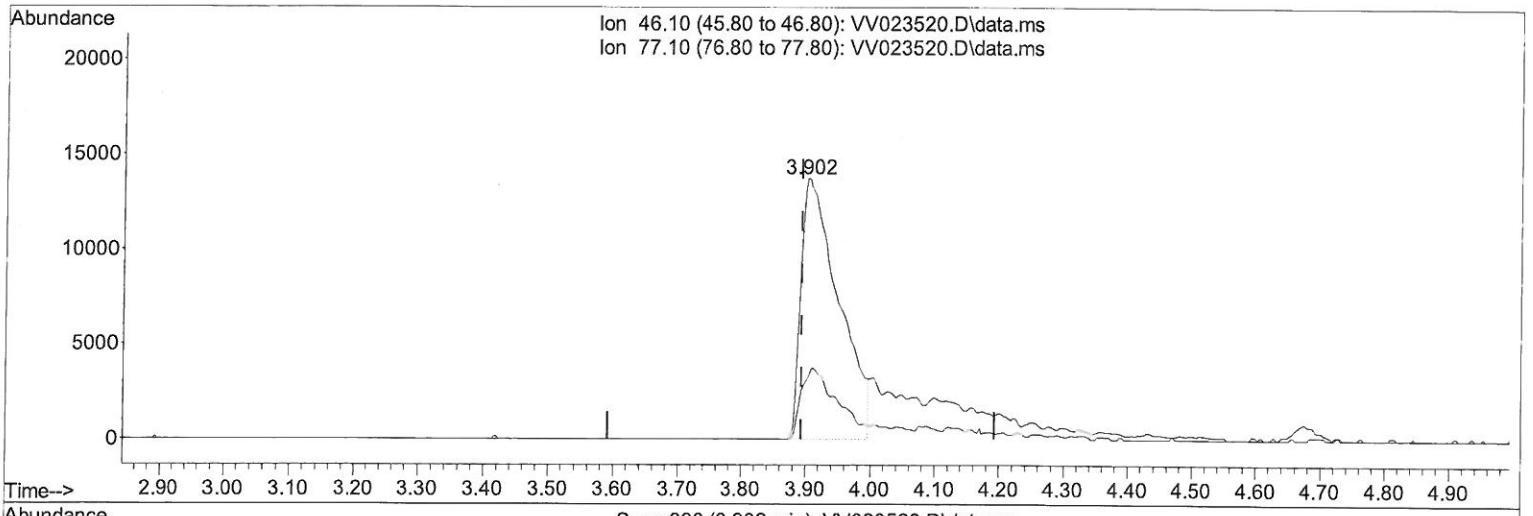

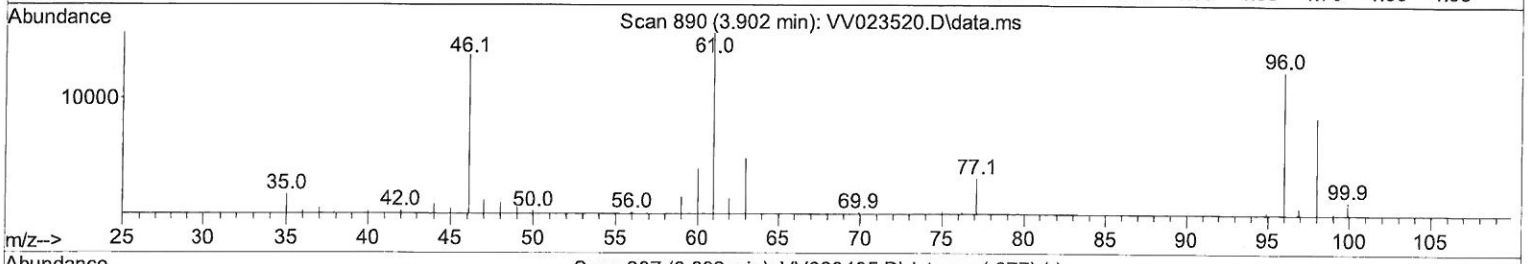

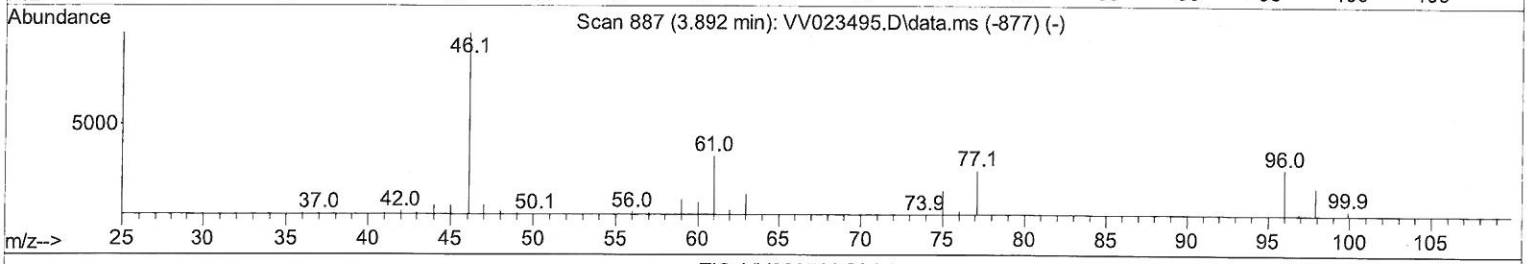

TIC: VV023520.D\data.ms

(20) 2-Butanone-d5 (S)

3.902min (+ 0.010) 37.72 ug/L

response 55420

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	22.30	26.51
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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Data File : VV023520.D
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Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 52 Sample Multiplier: 1

Quant Time: Nov 16 07:59:16 2021
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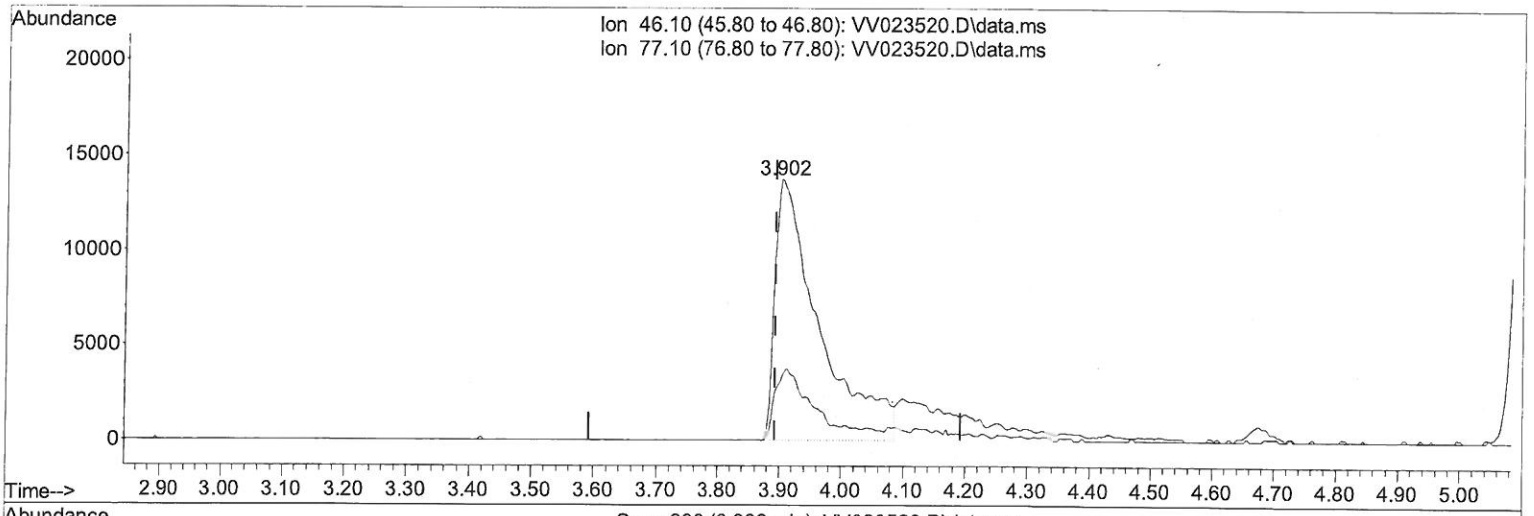
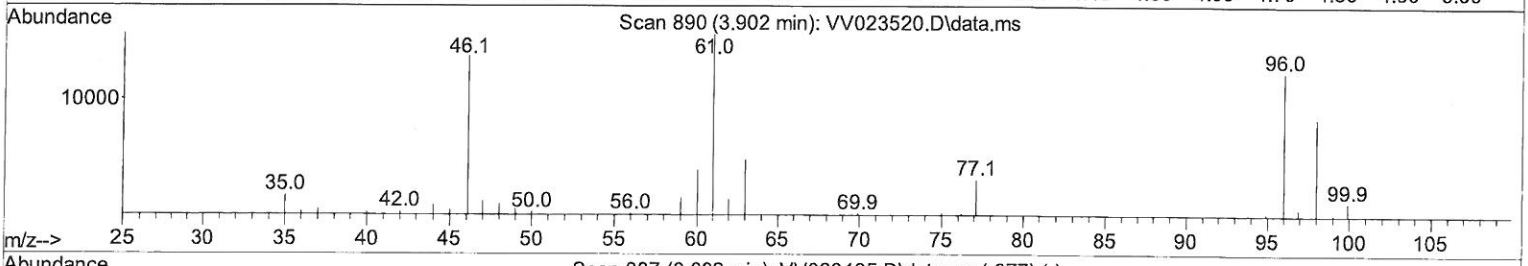
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Nov 16 02:06:43 2021
Response via : Initial Calibration

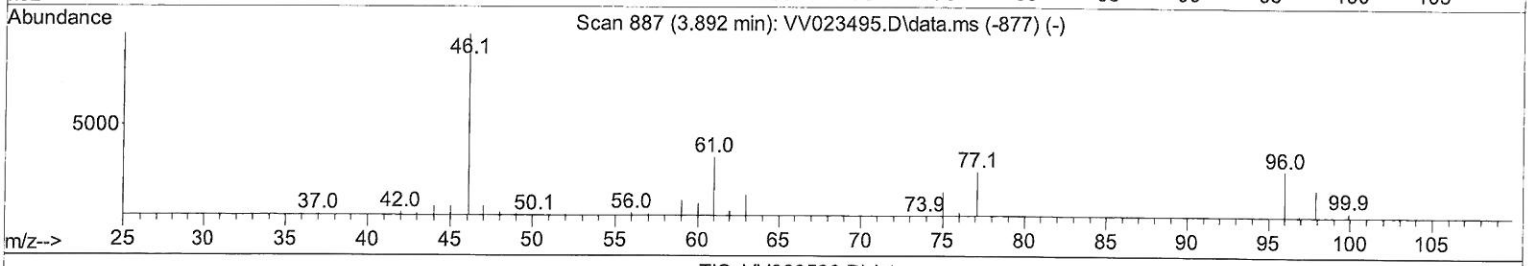
Instrument :
MSVOA_V
LabSampleId :
VSTDCCC005EC

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/16/2021







TIC: VV023520.D\data.ms

(20) 2-Butanone-d5 (S)

3.902min (+ 0.010) 46.48 ug/L m

response 68294

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	22.30	21.52
0.00	0.00	0.00
0.00	0.00	0.00

MD 11/22/21

Quantitation Report (Qedit)

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Acq On : 16 Nov 2021 06:17
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ALS Vial : 52 Sample Multiplier: 1

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Quant Title : TRACE VOA SFAM1.0
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Instrument :
MSVOA_V
LabSampleId :
VSTDCCC005EC

Manual IntegrationsAPPROVED

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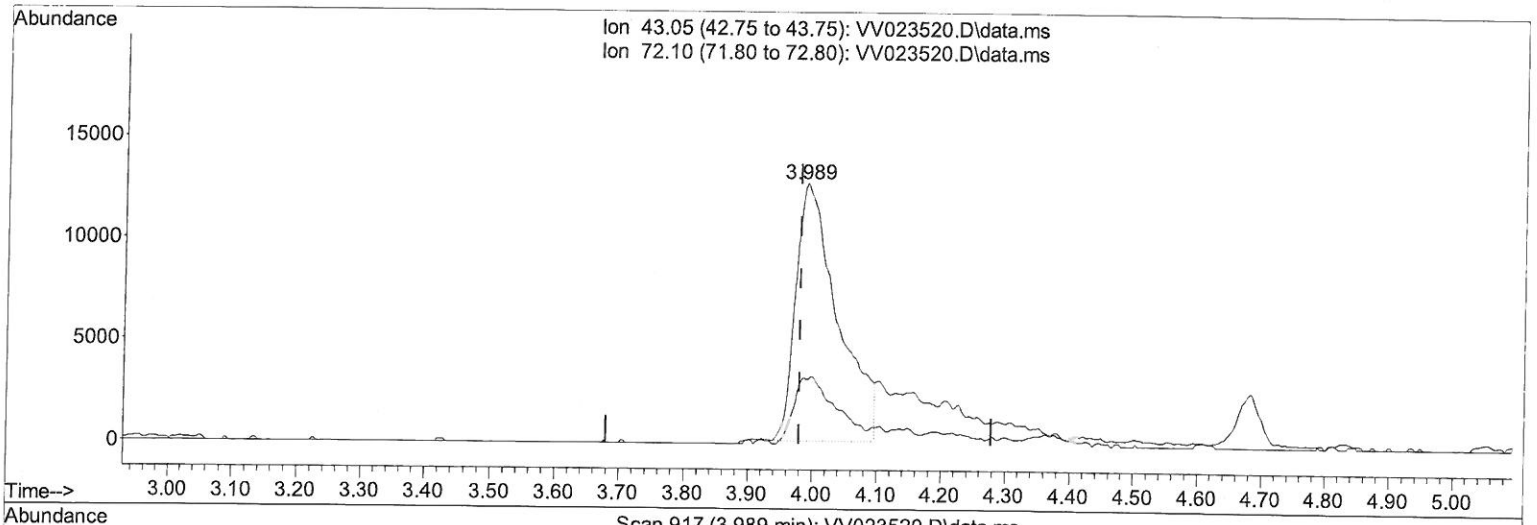

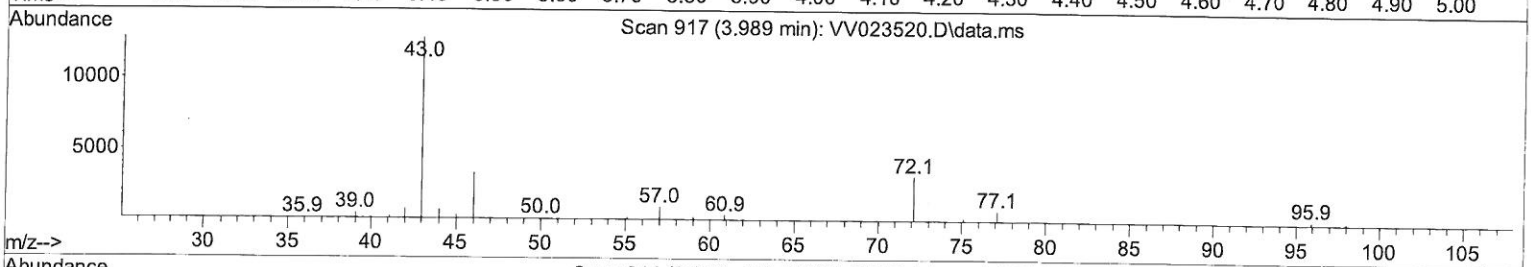

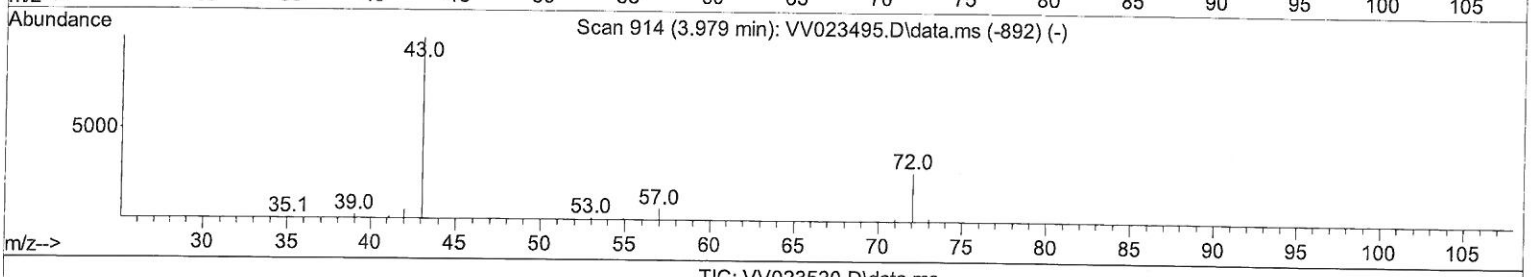

TIC: VV023520.D\data.ms

(21) 2-Butanone (T)

3.989min (+ 0.010) 39.65 ug/L

response 57550

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	23.90	7.81#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111521\
Data File : VV023520.D
Acq On : 16 Nov 2021 06:17
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 52 Sample Multiplier: 1

Quant Time: Nov 16 07:59:16 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
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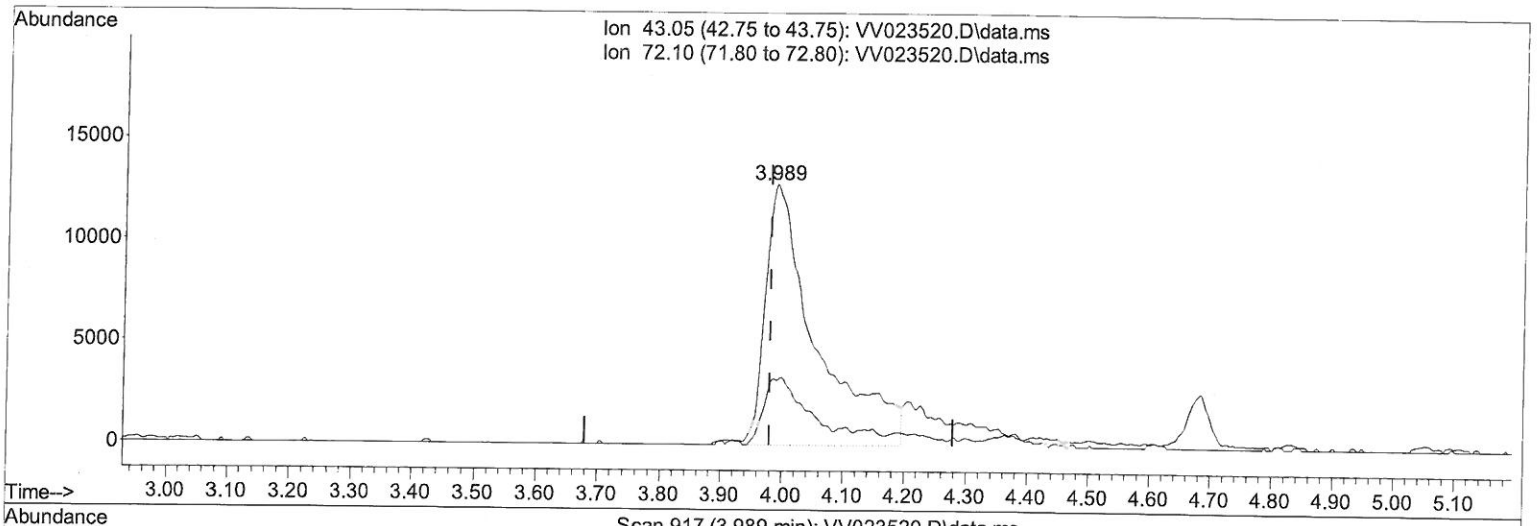
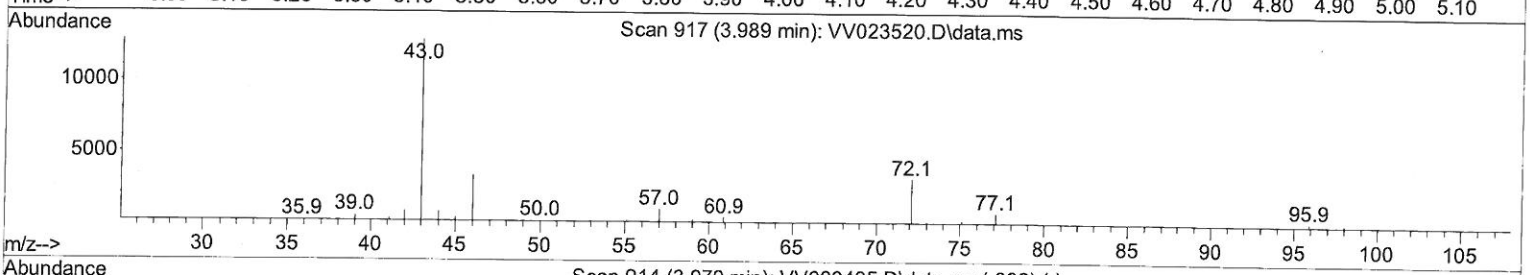
QLast Update : Tue Nov 16 02:06:43 2021
Response via : Initial Calibration

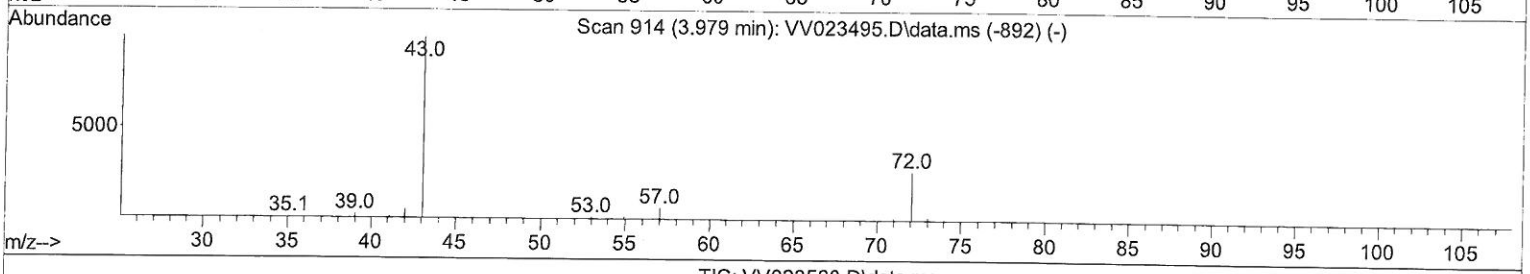
Instrument :
MSVOA_V
LabSampleId :
VSTDCCC005EC

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/16/2021







TIC: VV023520.D\data.ms

(21) 2-Butanone (T)

3.989min (+ 0.010) 50.72 ug/L m → MD 11/22/21

response 73616

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	23.90	6.10#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/16/2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	136130	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	135398	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	73259	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	42467	4.980	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 99.600%			
7) Chloroethane-d5	1.568	69	34463	4.958	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 99.200%			
11) 1,1-Dichloroethene-d2	2.111	63	77799	4.873	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 97.400%			
20) 2-Butanone-d5	3.902	46	68294m	46.483	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 92.960%			
24) Chloroform-d	4.349	84	85707	4.716	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.400%			
26) 1,2-Dichloroethane-d4	5.034	65	38849	4.753	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.000%			
32) Benzene-d6	5.050	84	164818	4.744	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.800%			
36) 1,2-Dichloropropane-d6	6.072	67	45875	4.486	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 89.800%			
41) Toluene-d8	7.317	98	161104	4.949	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.000%			
43) trans-1,3-Dichloroprop...	7.622	79	18072	4.660	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 93.200%			
46) 2-Hexanone-d5	8.092	63	63928	44.807	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 89.620%			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	33674	4.579	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 91.600%			
66) 1,2-Dichlorobenzene-d4	11.625	152	58129	4.765	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	55263	4.163	ug/L	100
3) Chloromethane	1.240	50	50318	4.458	ug/L	96
5) Vinyl chloride	1.311	62	51491	4.568	ug/L	99
6) Bromomethane	1.523	94	23727	3.293	ug/L	93
8) Chloroethane	1.587	64	30978	4.763	ug/L	99
9) Trichlorofluoromethane	1.754	101	78697	4.647	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	40164	4.711	ug/L	96
12) 1,1-Dichloroethene	2.121	96	37699	4.644	ug/L	93
13) Acetone	2.195	43	45669m	50.871	ug/L	
14) Carbon disulfide	2.298	76	124001	4.048	ug/L	99
15) Methyl Acetate	2.442	43	12615	4.965	ug/L #	87
16) Methylene chloride	2.510	84	46489	3.924	ug/L	99
17) Methyl tert-butyl Ether	2.770	73	83506	4.673	ug/L	97
18) trans-1,2-Dichloroethene	2.764	96	43307	4.340	ug/L	95
19) 1,1-Dichloroethane	3.191	63	74705	4.434	ug/L	99
21) 2-Butanone	3.989	43	73616m	50.720	ug/L	
22) cis-1,2-Dichloroethene	3.915	96	45524	4.740	ug/L #	86
23) Bromochloromethane	4.253	128	20730	4.681	ug/L #	78

MD 11/22/21

MD 11/22/21

MD 11/22/21

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LabSampleId :
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Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/16/2021
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Quant Time: Nov 16 07:59:16 2021
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Nov 16 02:06:43 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
25) Chloroform	4.378	83	82803	4.610 ug/L	93
27) 1,2-Dichloroethane	5.134	62	42845	4.485 ug/L	98
29) 1,1,1-Trichloroethane	4.609	97	73949	4.497 ug/L	98
30) Cyclohexane	4.680	56	62376	4.233 ug/L	98
31) Carbon tetrachloride	4.828	117	68859	4.662 ug/L	95
33) Benzene	5.101	78	173150	4.575 ug/L	100
34) Trichloroethene	5.915	95	46096	4.580 ug/L	98
35) Methylcyclohexane	6.130	83	67914	4.276 ug/L	95
37) 1,2-Dichloropropane	6.175	63	37988	4.300 ug/L	99
38) Bromodichloromethane	6.510	83	54536	4.606 ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	53818	4.235 ug/L	95
40) 4-Methyl-2-pentanone	7.227	43	213038	51.992 ug/L	99
42) Toluene	7.387	91	192738	4.762 ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	48167	4.568 ug/L	94
45) 1,1,2-Trichloroethane	7.841	97	29519	4.650 ug/L	98
47) Tetrachloroethene	7.976	164	39443	4.522 ug/L	99
48) 2-Hexanone	8.143	43	155253	54.073 ug/L	96
49) Dibromochloromethane	8.246	129	37670	4.683 ug/L	96
50) 1,2-Dibromoethane	8.352	107	28215	4.796 ug/L	98
51) Chlorobenzene	8.883	112	123278	4.582 ug/L	100
52) Ethylbenzene	9.011	91	196683	4.607 ug/L	96
53) m,p-xylene	9.140	106	78976	4.714 ug/L	98
54) o-xylene	9.545	106	72891	4.637 ug/L	96
55) Styrene	9.561	104	130173	4.834 ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.243	83	31635	4.548 ug/L	99
59) Bromoform	9.731	173	20456	4.675 ug/L #	99
60) Isopropylbenzene	9.931	105	200337	4.765 ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	24021	4.936 ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	163529	4.691 ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	164719	4.748 ug/L	99
64) 1,3-Dichlorobenzene	11.182	146	100063	4.658 ug/L	96
65) 1,4-Dichlorobenzene	11.272	146	99464	4.534 ug/L	98
67) 1,2-Dichlorobenzene	11.645	146	92869	4.832 ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	4913	4.739 ug/L	100
69) 1,3,5-Trichlorobenzene	12.644	180	72566	4.315 ug/L	97
70) 1,2,4-trichlorobenzene	13.262	180	56340	4.183 ug/L	99
71) Naphthalene	13.503	128	79622	4.009 ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	51032	4.331 ug/L	99

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