Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR091718\
Data File : VR025746.D
Acq On : 17 Sep 2018 15:47
Operator : SY/MD
Sample : VSTDICV005
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 19 08:17:18 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR091718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Sep 17 16:10:44 2018
Response via : Initial Calibration

Instrument :
MSVOA_R
ClientSampleId :
VICV10

Manual Integrations APPROVED
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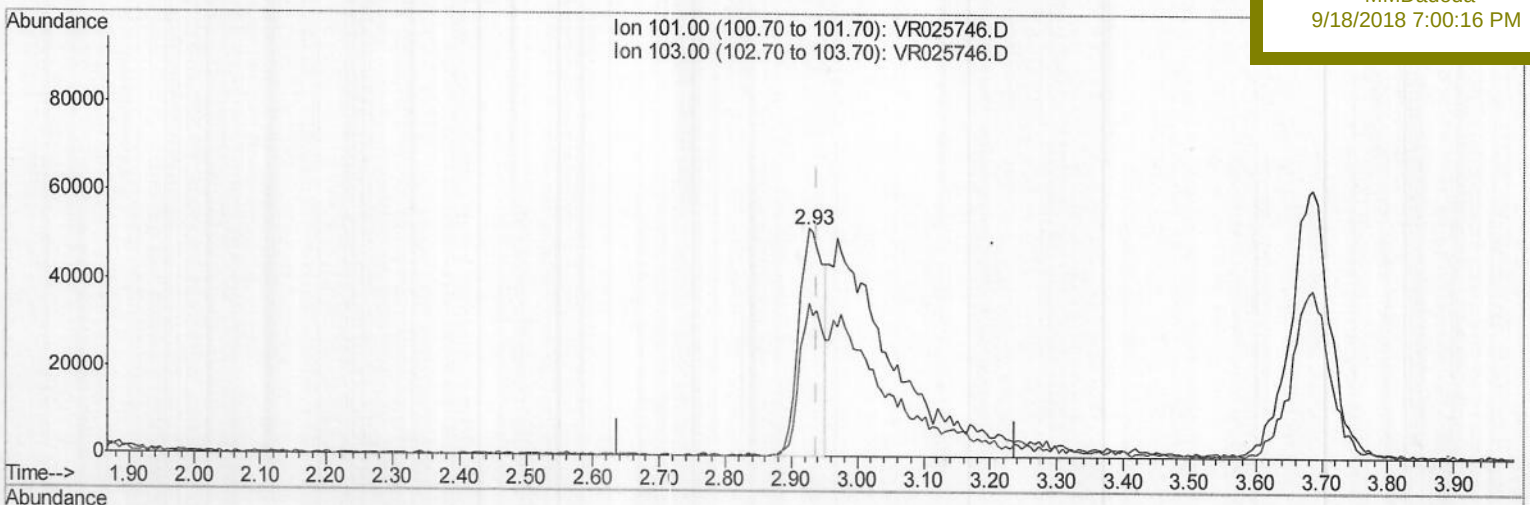
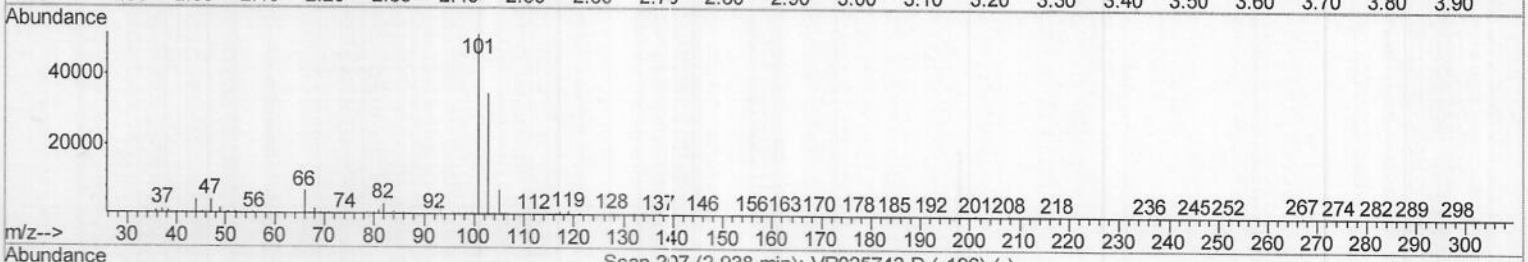
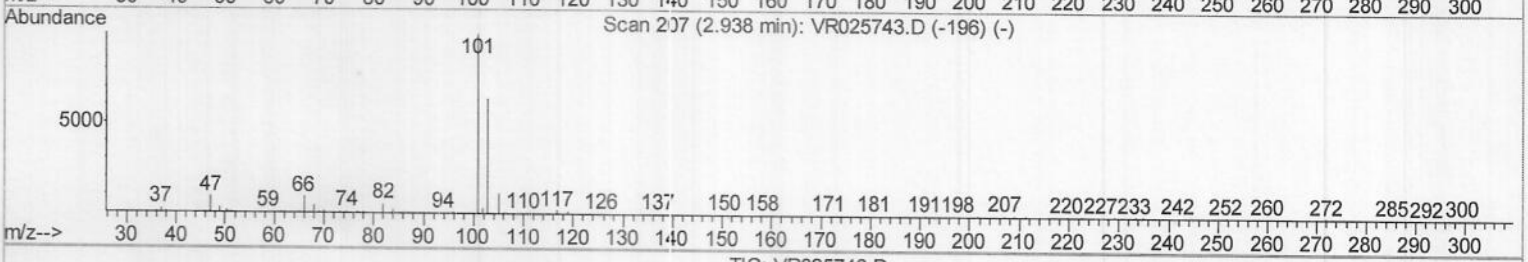
9/18/2018 7:00:16 PM







TIC: VR025746.D

(9) Trichlorofluoromethane (T)

2.926min (-0.012) 1.30ug/L

response 134078

Ion	Exp%	Act%
101.00	100	100
103.00	16.90	71.60#
0.00	0.00	0.00
0.00	0.00	0.00

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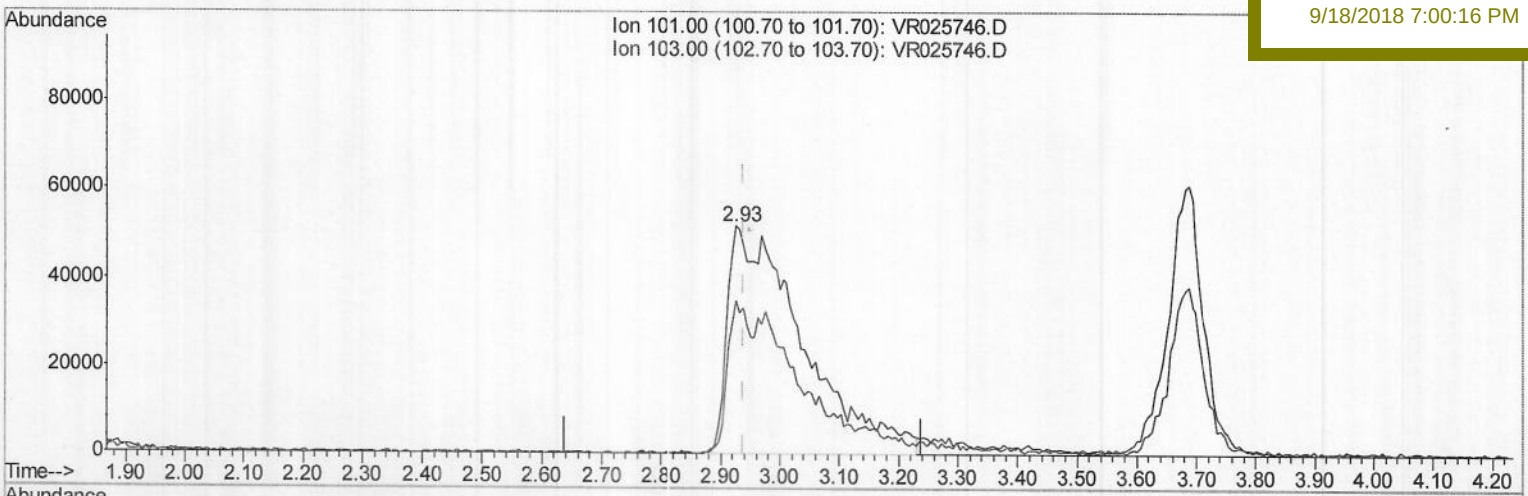

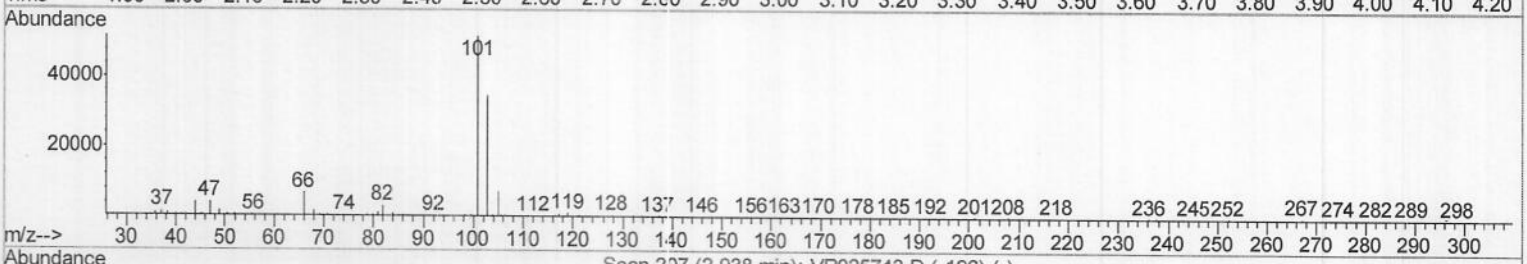

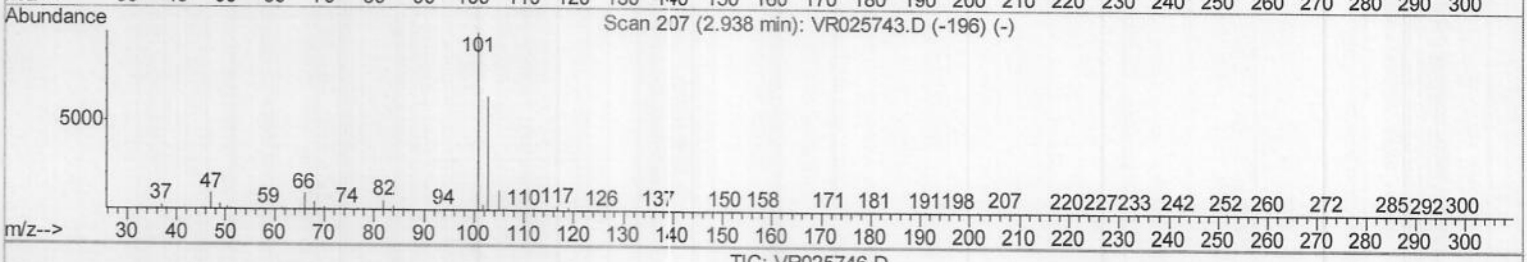

TIC: VR025746.D

(9) Trichlorofluoromethane (T)

2.926min (-0.012) 4.43ug/L m

response 456395

> S.Y 09/19/18

Ion	Exp%	Act%
101.00	100	100
103.00	16.90	21.03#
0.00	0.00	0.00
0.00	0.00	0.00

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Misc : 25mL/MSVOA_R/WATER
ALS Vial : 9 Sample Multiplier: 1

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Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Sep 17 16:10:44 2018
Response via : Initial Calibration

Instrument :
MSVOA_R
ClientSampleId :
VICV10

Manual Integrations APPROVED
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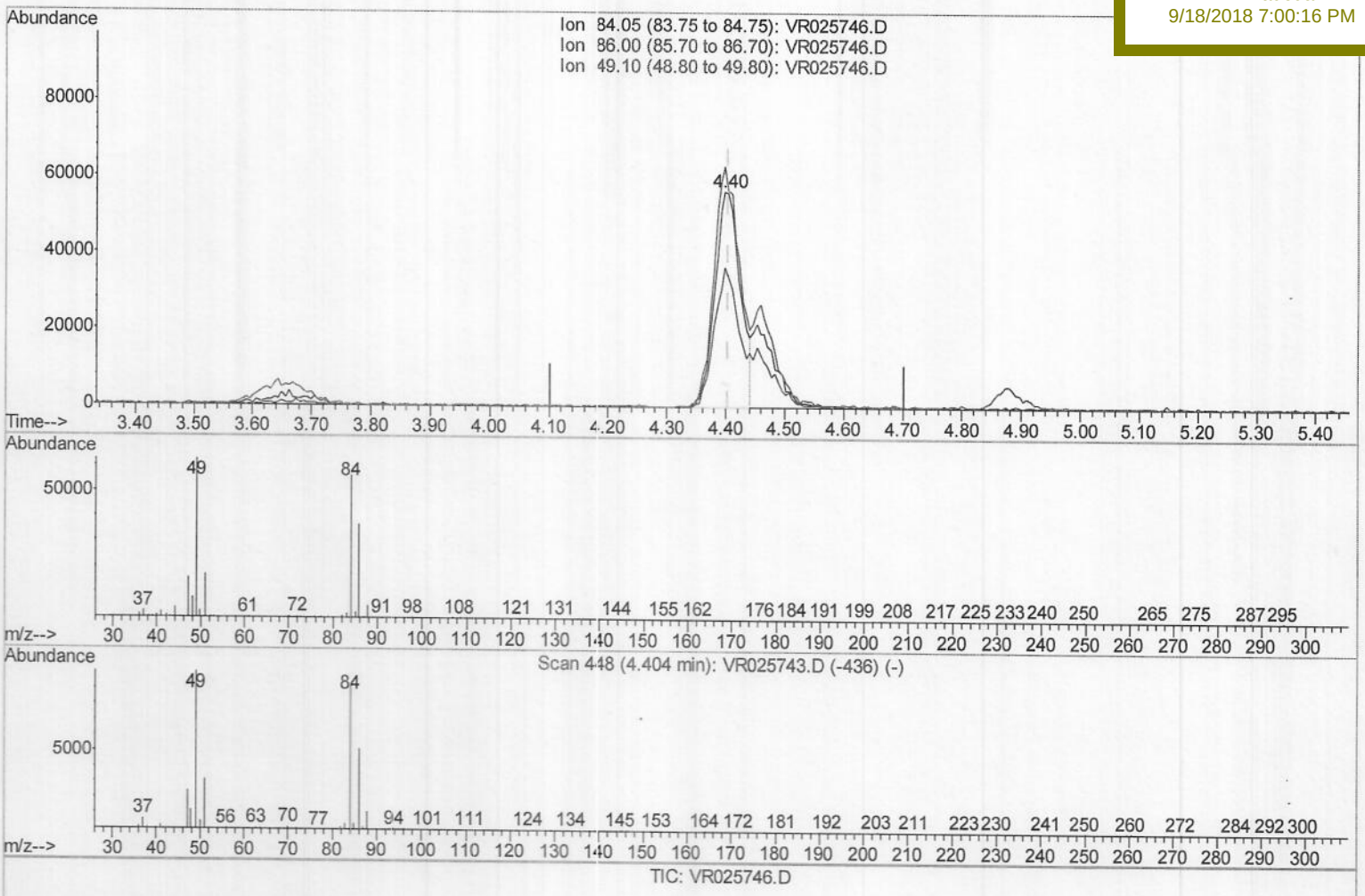

TIC: VR025746.D

(16) Methylene chloride (T)

4.398min (-0.006) 3.36ug/L

response 169352

Ion	Exp%	Act%
84.05	100	100
86.00	56.20	64.73
49.10	108.80	111.39
0.00	0.00	0.00

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ALS Vial : 9 Sample Multiplier: 1

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QLast Update : Mon Sep 17 16:10:44 2018
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Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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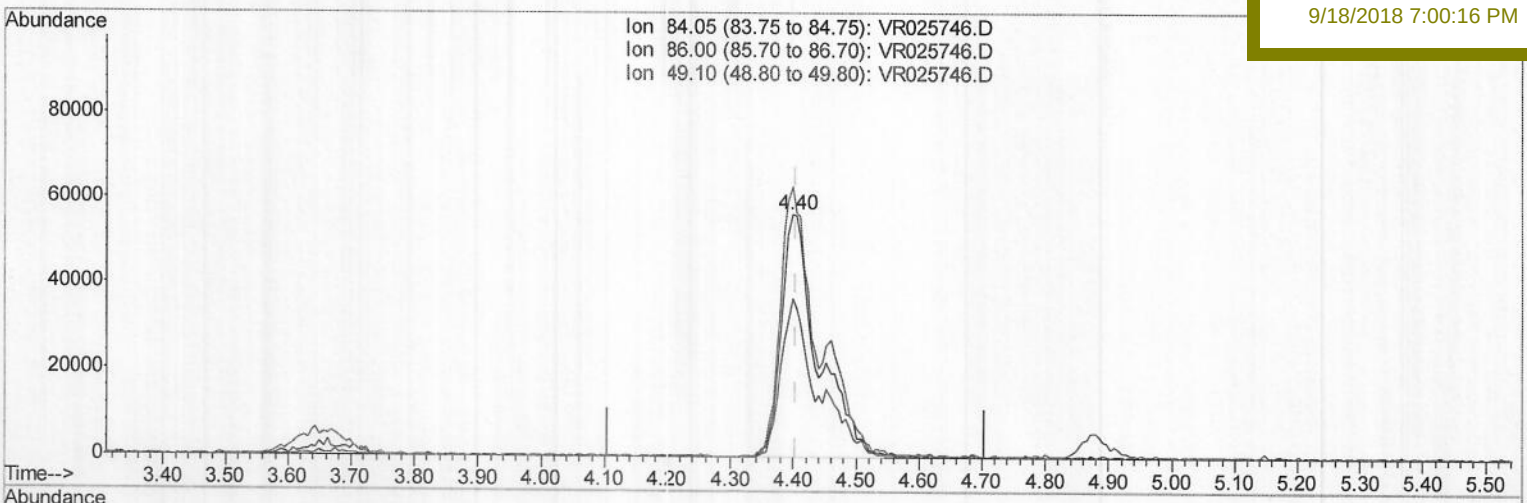

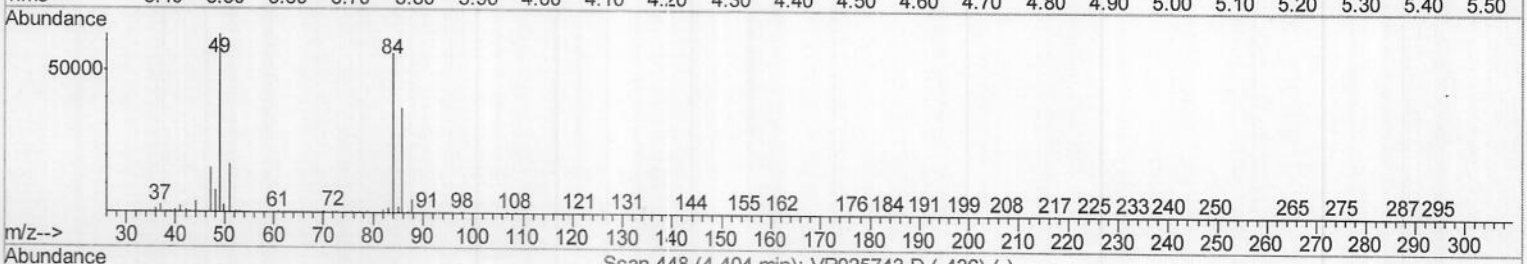

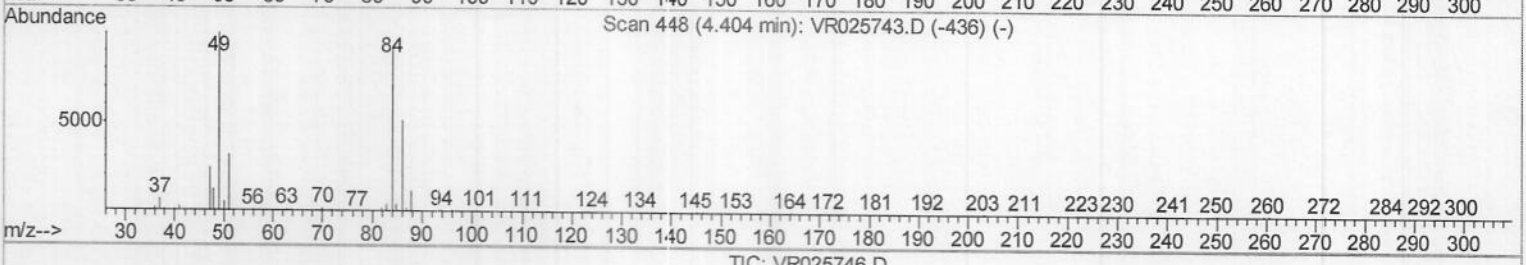

TIC: VR025746.D

(16) Methylene chloride (T)

4.398min (-0.006) 4.50ug/L m

response 226687

S.Y 09/19/18

Ion	Exp%	Act%
84.05	100	100
86.00	56.20	64.73
49.10	108.80	111.39
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR091718\
Data File : VR025746.D
Acq On : 17 Sep 2018 15:47
Operator : SY/MD
Sample : VSTDICV005
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 9 Sample Multiplier: 1

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Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Sep 17 16:10:44 2018
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Instrument : MSVOA_R
ClientSampleId : VICV10

Manual Integrations APPROVED
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9/18/2018 7:00:16 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	864074	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	712529	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	279542	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.15	65	202885	4.30	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 86.00%			
7) Chloroethane-d5	2.63	69	172003	4.30	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 86.00%			
11) 1,1-Dichloroethene-d2	3.63	63	522488	4.35	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 87.00%			
20) 2-Butanone-d5	6.59	46	218276	58.48	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 116.96%			
24) Chloroform-d	7.20	84	469134	4.43	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.60%			
26) 1,2-Dichloroethane-d4	7.90	65	165404	4.55	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.00%			
32) Benzene-d6	7.85	84	1126993	5.03	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.60%			
36) 1,2-Dichloropropane-d6	8.90	67	297722	5.02	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.40%			
41) Toluene-d8	9.97	98	1055888	5.18	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.60%			
43) trans-1,3-Dichloropropene-	10.23	79	66922	4.91	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 98.20%			
46) 2-Hexanone-d5	10.59	63	212695	55.76	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 111.52%			
57) 1,1,2,2-Tetrachloroethane-	12.36	84	123124	4.39	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 87.80%			
64) 1,2-Dichlorobenzene-d4	13.52	152	215511	4.79	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	216412	4.510	ug/L	98
3) Chloromethane	2.01	50	245207	4.451	ug/L	87
5) Vinyl chloride	2.18	62	250115	4.489	ug/L	86
6) Bromomethane	2.52	94	164636	4.211	ug/L	100
8) Chloroethane	2.66	64	149255	4.369	ug/L	95
9) Trichlorofluoromethane	2.93	101	456395m	4.434	ug/L	
10) 1,1,2-Trichloro-1,2,2-trif	3.69	101	253135	4.423	ug/L	96
12) 1,1-Dichloroethene	3.65	96	256118	4.623	ug/L	93
13) Acetone	3.70	43	152501	68.217	ug/L	85
14) Carbon disulfide	3.96	76	602656	4.552	ug/L	98
15) Methyl Acetate	4.19	43	45168	4.977	ug/L	95
16) Methylene chloride	4.40	84	226687m	4.495	ug/L	
17) Methyl tert-butyl Ether	4.89	73	306875	4.359	ug/L	98
18) trans-1,2-Dichloroethene	4.88	96	323384	4.640	ug/L	94
19) 1,1-Dichloroethane	5.69	63	525338	4.665	ug/L	97
21) 2-Butanone	6.69	43	315962	59.810	ug/L	96
22) cis-1,2-Dichloroethene	6.67	96	298573	4.906	ug/L #	99

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Response via : Initial Calibration

Instrument : MSVOA_R
ClientSampleId : VICV10

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	7.05	128	92030	4.501 ug/L	93
25) Chloroform	7.23	83	479209	4.656 ug/L	91
27) 1,2-Dichloroethane	7.99	62	189969	4.584 ug/L	100
29) 1,1,1-Trichloroethane	7.43	97	350546	4.857 ug/L	98
30) Cyclohexane	7.52	56	499855	5.568 ug/L	99
31) Carbon tetrachloride	7.63	117	365525	5.043 ug/L	99
33) Benzene	7.91	78	1334383	5.049 ug/L	100
34) Trichloroethene	8.71	95	310763	4.960 ug/L	97
35) Methylcyclohexane	8.95	83	549826	5.568 ug/L	100
37) 1,2-Dichloropropane	8.99	63	293386	5.025 ug/L	99
38) Bromodichloromethane	9.28	83	255302	4.885 ug/L	91
39) cis-1,3-Dichloropropene	9.72	75	301868	5.303 ug/L	87
40) 4-Methyl-2-pentanone	9.87	43	790570	55.275 ug/L	97
42) Toluene	10.04	91	1425006	5.357 ug/L	98
44) trans-1,3-Dichloropropene	10.26	75	207788	5.212 ug/L	99
45) 1,1,2-Trichloroethane	10.45	97	126739	4.937 ug/L	92
47) Tetrachloroethene	10.51	164	248375	5.192 ug/L	95
48) 2-Hexanone	10.63	43	519327	50.069 ug/L	99
49) Dibromochloromethane	10.79	129	138402	4.843 ug/L	94
50) 1,2-Dibromoethane	10.89	107	99901	4.711 ug/L	98
51) Chlorobenzene	11.32	112	795784	4.865 ug/L	96
52) Ethylbenzene	11.39	91	1569338	5.356 ug/L	99
53) m,p-Xylene	11.50	106	605914	5.298 ug/L	98
54) o-Xylene	11.83	106	551629	5.529 ug/L	100
55) Styrene	11.84	104	860047	5.281 ug/L	97
56) Isopropylbenzene	12.13	105	1485074	5.622 ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.39	83	123194	4.539 ug/L	99
59) 1,2,3-Trichloropropane	12.43	75	81322	4.404 ug/L	96
61) Bromoform	12.01	173	53048	4.491 ug/L	93
62) 1,3-Dichlorobenzene	13.16	146	440343	4.950 ug/L	96
63) 1,4-Dichlorobenzene	13.24	146	474884	4.658 ug/L	95
65) 1,2-Dichlorobenzene	13.53	146	371590	4.752 ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.15	75	9820	4.456 ug/L	93
67) 1,3,5-Trichlorobenzene	14.29	180	271939	5.098 ug/L	99
68) 1,2,4-trichlorobenzene	14.79	180	160341	5.077 ug/L	95
69) Naphthalene	15.00	128	174999	4.924 ug/L	98
70) 1,2,3-Trichlorobenzene	15.18	180	123129	5.056 ug/L	96

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

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