

(QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111121\

Data File : VX025127.D

Acq On : 11 Nov 2021 13:40

Operator : JC/MD

Sample : VSTD01031

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 3 Sample Multiplier: 1

MSVOA_X

ClientSampleId :

VSTD010631

Quant Time: Nov 11 14:30:09 2021

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M

Quant Title : VOC Analysis

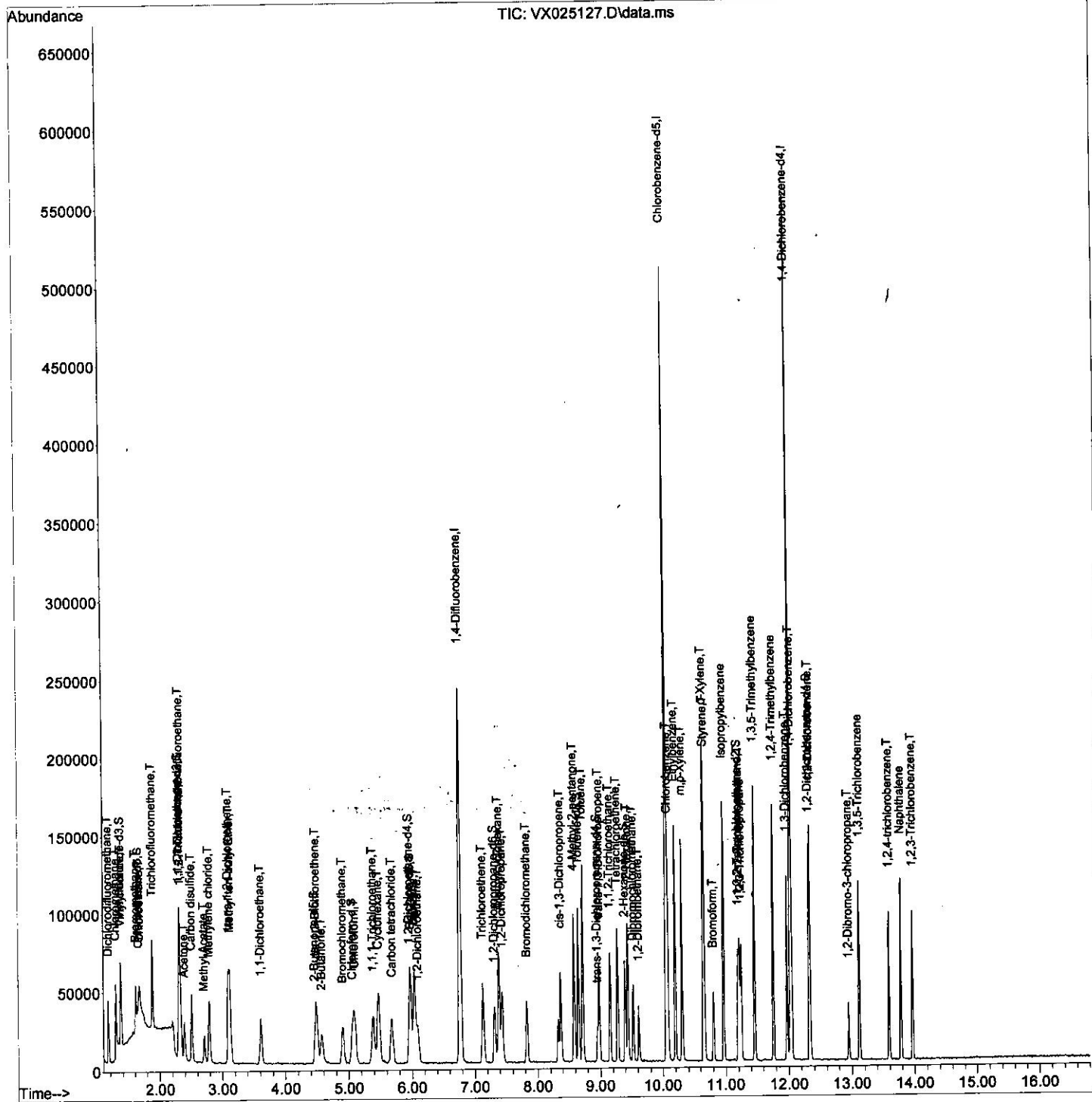
QLast Update : Thu Nov 11 14:29:05 2021

Response via : Initial Calibration

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/12/2021



Quantitation Report (Qedit)

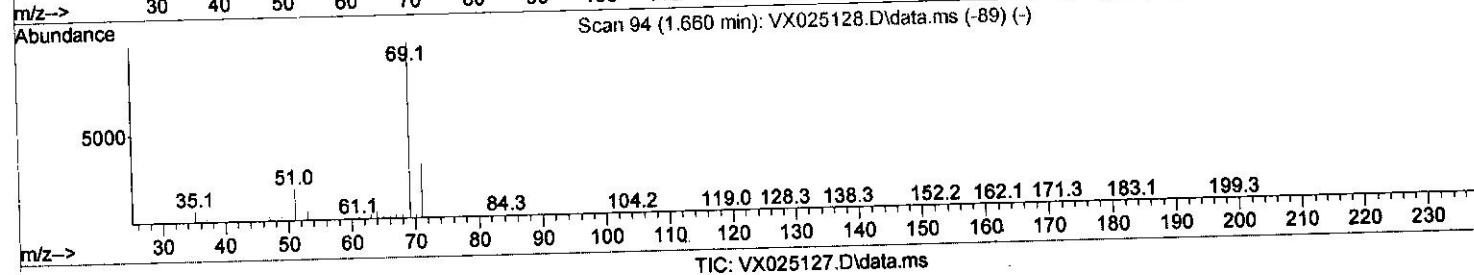
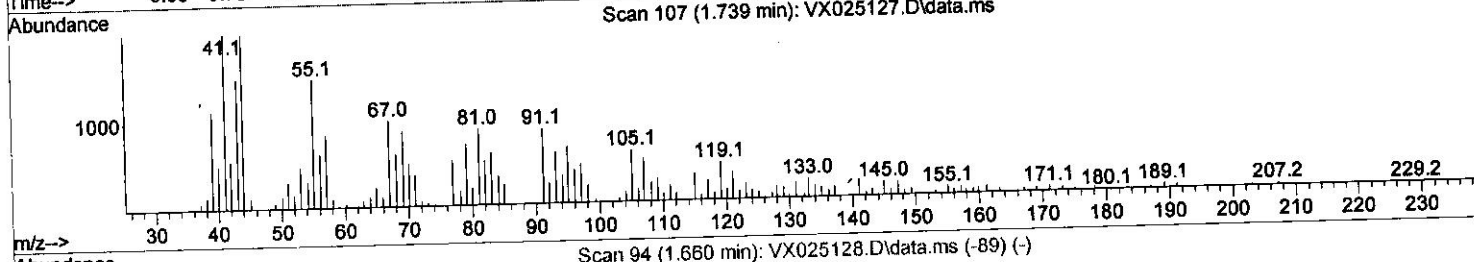
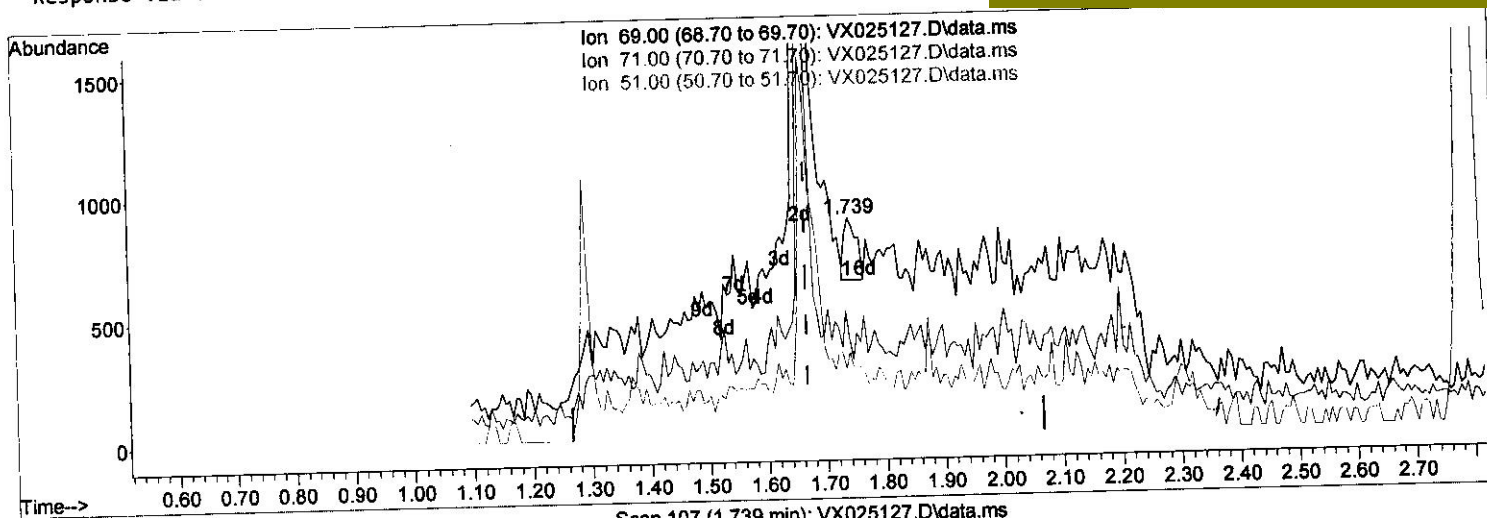
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111121\
 Data File : VX025127.D
 Acq On : 11 Nov 2021 13:40
 Operator : JC/MD
 Sample : VSTD01031
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 Client Sampled :
 VSTD010631

Manual Integrations APPROVED

Quant Time: Nov 18 02:54:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 12 12:01:23 2021
 Response via : Initial Calibration

Reviewed By : John Carlone 11/12/2021
 Supervised By : Mahesh Dadoda 11/12/2021



(7) Chloroethane-d5 (S)

1.739min (+ 0.073) 0.37 ug/L

response 365

Ion	Exp%	Act%
69.00	100.00	100.00
71.00	30.30	38.08
51.00	17.20	14.79
0.00	0.00	0.00

Quantitation Report (Qedit)

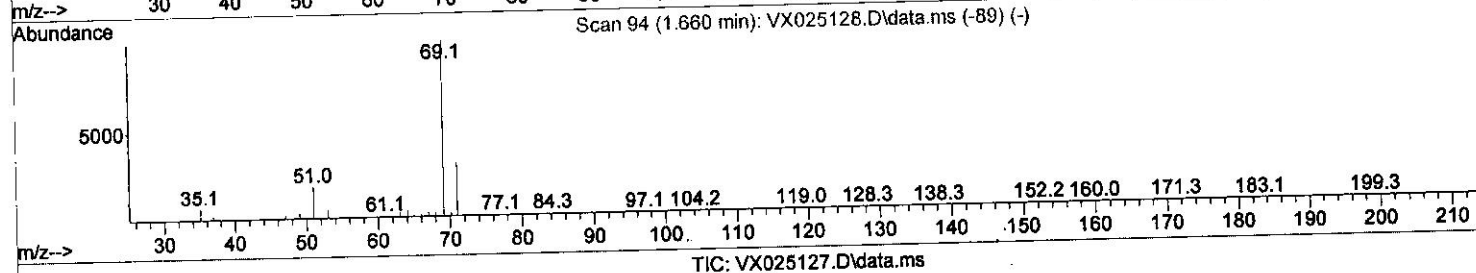
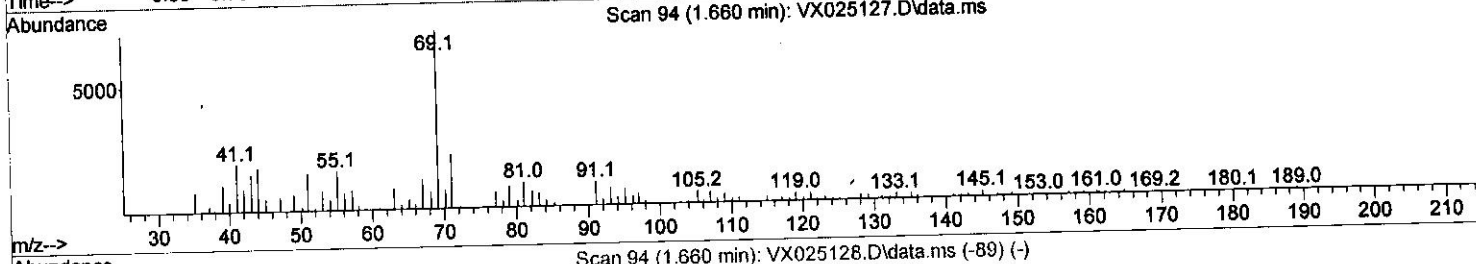
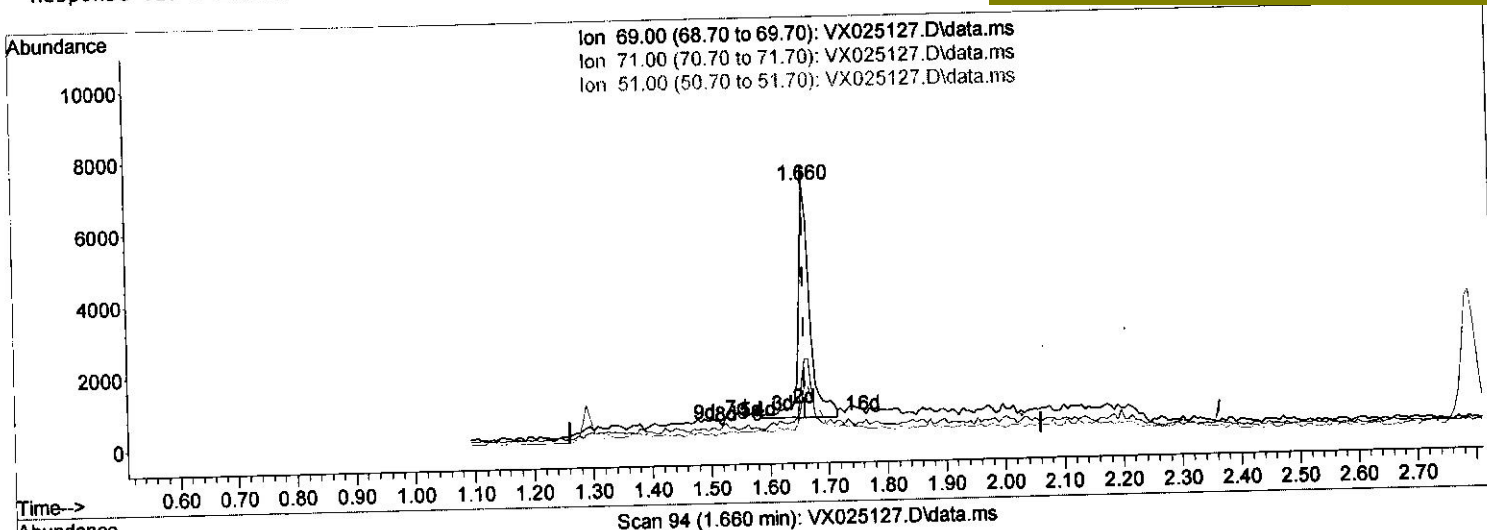
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111121\
 Data File : VX025127.D
 Acq On : 11 Nov 2021 13:40
 Operator : JC/MD
 Sample : VSTD01031
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 Client Sampled :
 VSTD010631

Manual Integrations APPROVED

Quant Time: Nov 11 14:30:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 11 14:29:05 2021
 Response via : Initial Calibration

Reviewed By : John Carlone 11/12/2021
 Supervised By : Mahesh Dadoda 11/12/2021



(7) Chloroethane-d5 (S)

1.660min (-0.000) 6.88 ug/L m

response 8930

Ion	Exp%	Act%
69.00	100.00	100.00
71.00	30.30	1.12#
51.00	17.20	0.60#
0.00	0.00	0.00

Quantitation Report (Qedit)

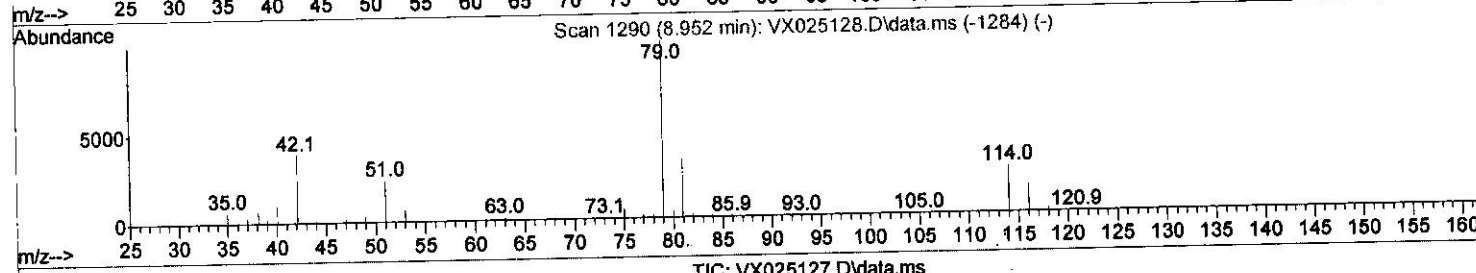
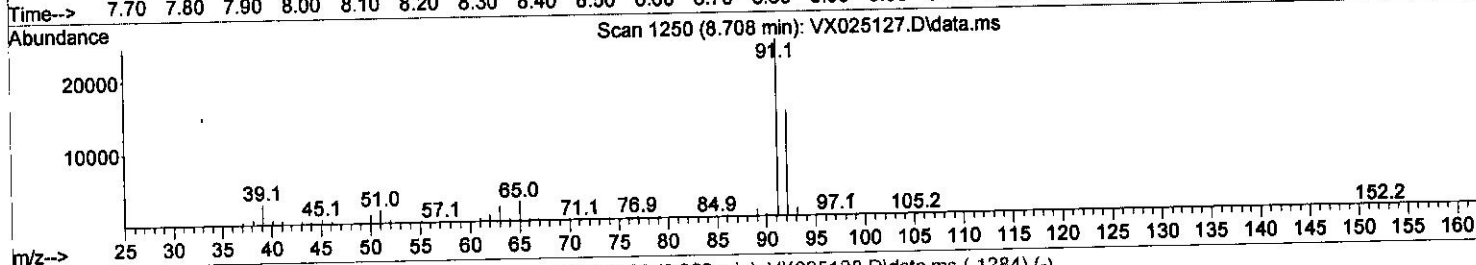
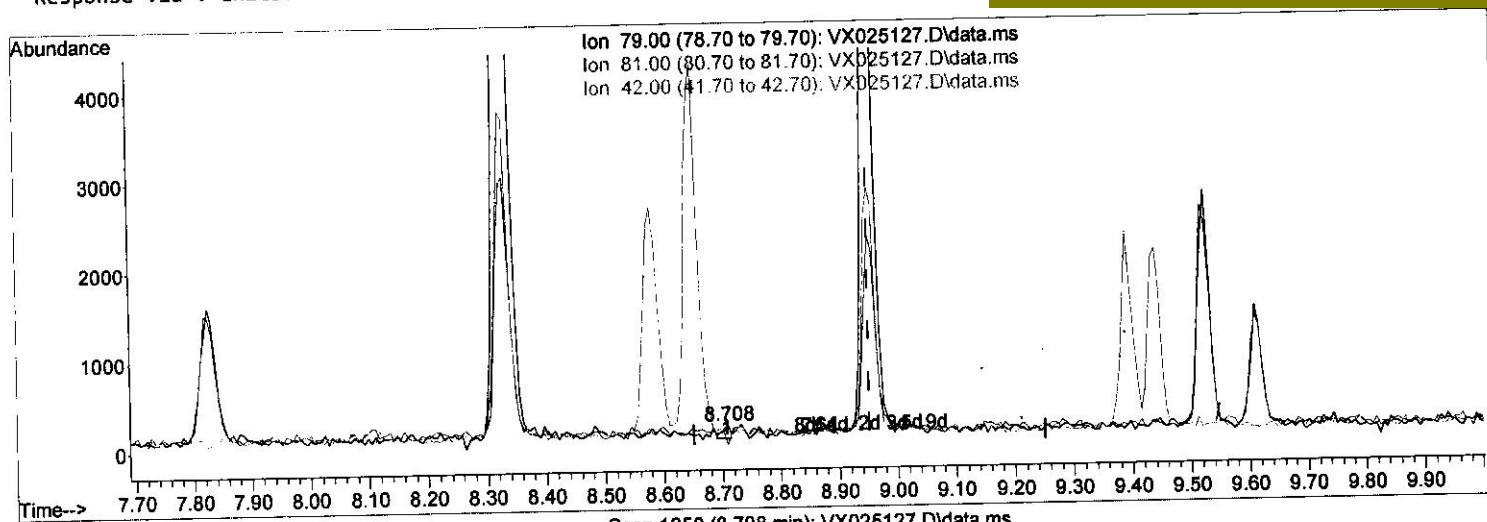
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111121\
 Data File : VX025127.D
 Acq On : 11 Nov 2021 13:40
 Operator : JC/MD
 Sample : VSTD01031
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 Client Sampled :
 VSTD010631

Quant Time: Nov 18 02:54:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
 Quant Title : VOC Analysis
 Qlast Update : Fri Nov 12 12:01:23 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/12/2021
 Supervised By : Mahesh Dadoda 11/12/2021



(43) trans-1,3-Dichloropropene-d4 (S)

8.708min (-0.244) 0.13 ug/L

response 142

Ion	Exp%	Act%
79.00	100.00	100.00
81.00	33.30	37.32
42.00	28.20	28.87
0.00	0.00	0.00

Quantitation Report (Qedit)

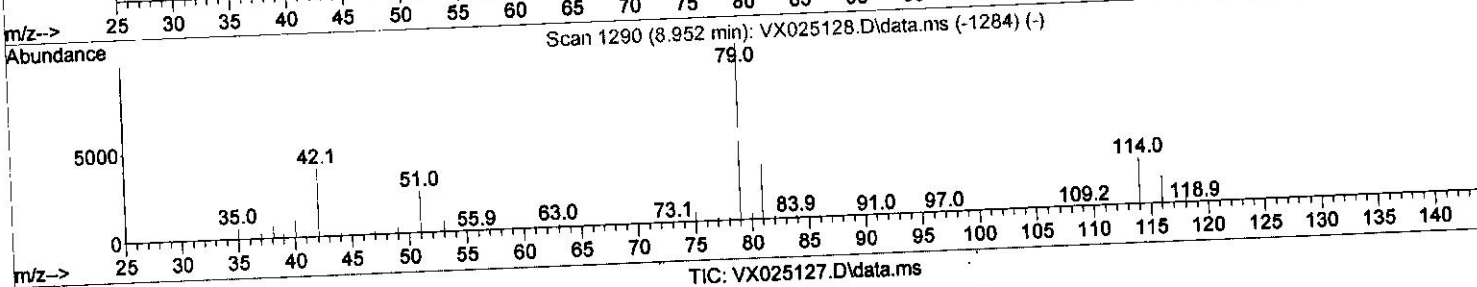
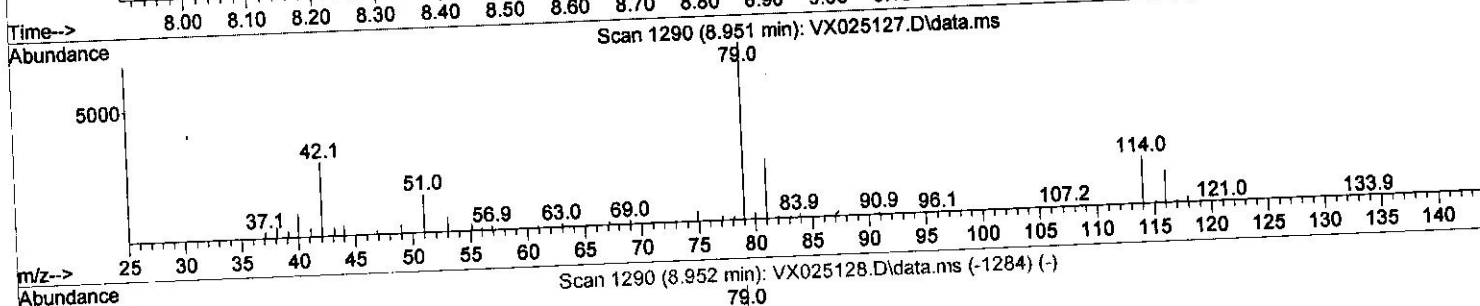
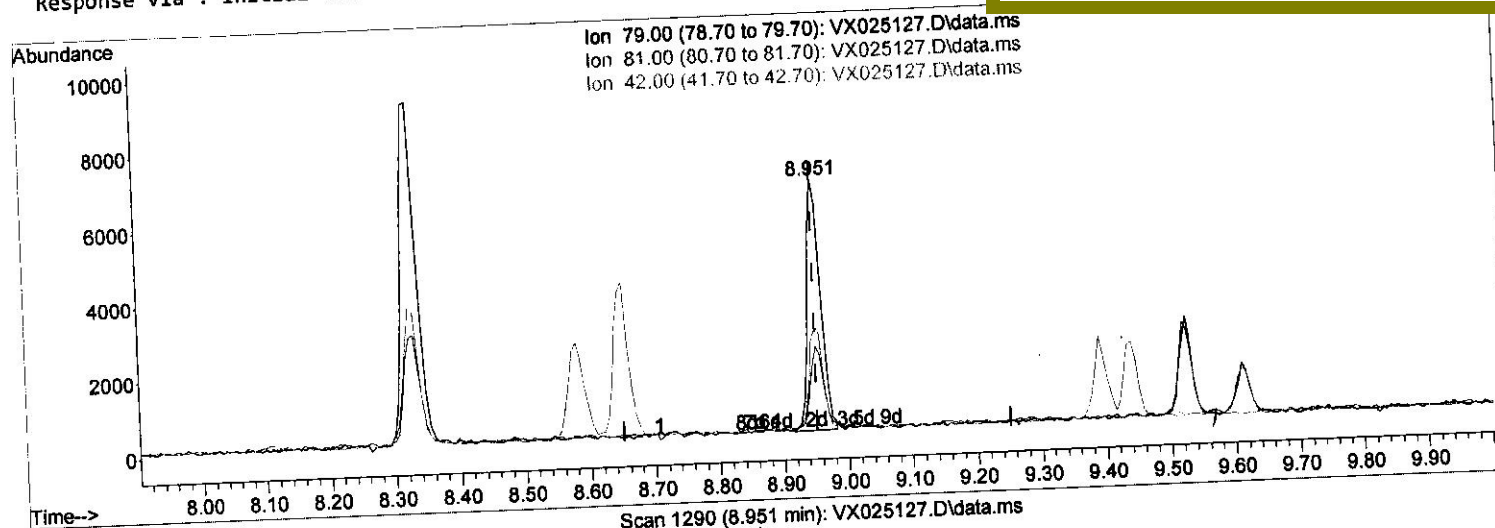
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111121\
 Data File : VX025127.D
 Acq On : 11 Nov 2021 13:40
 Operator : JC/MD
 Sample : VSTD01031
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 Client Sampled :
 VSTD010631

Quant Time: Nov 11 14:30:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 11 14:29:05 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/12/2021
 Supervised By : Mahesh Dadoda 11/12/2021



(43) trans-1,3-Dichloropropene-d4 (S)

8.951min (-0.000) 7.72 ug/L m

response 9579

Ion	Exp%	Act%
79.00	100.00	100.00
81.00	33.30	0.55#
42.00	28.20	0.43#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111121\
 Data File : VX025127.D
 Acq On : 11 Nov 2021 13:40
 Operator : JC/MD
 Sample : VSTD01031
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 Client Sampled :
 VSTD010631

Manual Integrations APPROVED

Quant Time: Nov 11 14:30:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 11 14:29:05 2021
 Response via : Initial Calibration

Reviewed By : John Carlone 11/12/2021
 Supervised By : Mahesh Dadoda 11/12/2021

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Difluorobenzene	6.763	114	258841	50.00 ug/L	0.00
28) Chlorobenzene-d5	10.055	117	233822	50.00 ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	114537	50.00 ug/L	0.00
System Monitoring Compounds					
4) Vinyl Chloride-d3	1.367	65	16494	7.43 ug/L	0.00
7) Chloroethane-d5	1.660	69	8930m	6.88 ug/L	0.00
11) 1,1-Dichloroethene-d2	2.306	63	29032	6.86 ug/L	0.00
21) 2-Butanone-d5	4.464	46	24384	15.68 ug/L	0.00
24) Chloroform-d	5.056	84	29328	6.83 ug/L	0.00
26) 1,2-Dichloroethane-d4	5.958	65	17919	6.45 ug/L	0.00
32) Benzene-d6	5.976	84	60634	7.79 ug/L	0.00
36) 1,2-Dichloropropane-d6	7.311	67	18504	7.73 ug/L	0.00
41) Toluene-d8	8.653	98	58612	8.50 ug/L	0.00
43) trans-1,3-Dichloroprop...	8.951	79	9579m	7.72 ug/L	0.00
47) 2-Hexanone-d5	9.390	63	19346	18.70 ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.195	84	26315	7.80 ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	21393	9.64 ug/L	0.00
Target Compounds					
2) Dichlorodifluoromethane	1.166	85	21205	8.31 ug/L	100
3) Chloromethane	1.288	50	22809	11.78 ug/L	88
5) Vinyl chloride	1.373	62	23302	10.55 ug/L	97
6) Bromomethane	1.611	94	8226	6.38 ug/L	92
8) Chloroethane	1.678	64	7735	6.26 ug/L	98
9) Trichlorofluoromethane	1.879	101	34434	8.79 ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	17890	8.83 ug/L	97
12) 1,1-Dichloroethene	2.312	96	17444	9.66 ug/L	93
13) Acetone	2.392	43	28285	18.72 ug/L	97
14) Carbon disulfide	2.507	76	51721	10.73 ug/L	99
15) Methyl Acetate	2.709	43	20437	9.51 ug/L #	84
16) Methylene chloride	2.788	84	19276	9.56 ug/L	83
17) trans-1,2-Dichloroethene	3.093	96	18864	10.17 ug/L	88
18) Methyl tert-butyl Ether	3.117	73	58181	8.39 ug/L #	88
19) 1,1-Dichloroethane	3.605	63	31456	8.42 ug/L	94
20) cis-1,2-Dichloroethene	4.483	96	20587	9.67 ug/L #	97
22) 2-Butanone	4.568	43	35108	19.16 ug/L	86
23) Bromochloromethane	4.897	128	10783	10.59 ug/L #	82
25) Chloroform	5.092	83	32490	7.99 ug/L	97
27) 1,2-Dichloroethane	6.092	62	23265	7.51 ug/L #	84
29) Cyclohexane	5.470	56	31397	9.30 ug/L	86
30) 1,1,1-Trichloroethane	5.385	97	29552	7.62 ug/L #	94
31) Carbon tetrachloride	5.684	117	26488	8.47 ug/L	99
33) Benzene	6.037	78	74119	8.93 ug/L	100
34) Trichloroethene	7.122	95	19171	8.84 ug/L	86
35) Methylcyclohexane	7.379	83	33648	10.13 ug/L	93
37) 1,2-Dichloropropane	7.433	63	18689	9.51 ug/L	98
38) Bromodichloromethane	7.824	83	24771	8.69 ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	29937	9.22 ug/L	98
40) 4-Methyl-2-pentanone	8.580	43	58614	18.91 ug/L #	84
42) Toluene	8.720	91	80611	9.75 ug/L	99

MO
 11/19/21

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111121\
 Data File : VX025127.D
 Acq On : 11 Nov 2021 13:40
 Operator : JC/MD
 Sample : VSTD01031
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 Client Sampled :
 VSTD010631

Manual Integrations APPROVED

Reviewed By : John Carlone 11/12/2021
 Supervised By : Mahesh Dadoda 11/12/2021

Quant Time: Nov 11 14:30:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML111121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 11 14:29:05 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) trans-1,3-Dichloropropene	8.982	75	28960	9.25	ug/L	98
45) 1,1,2-Trichloroethane	9.153	97	18481	10.26	ug/L	99
46) Tetrachloroethene	9.275	164	16237	12.87	ug/L	91
48) 2-Hexanone	9.439	43	48162	19.18	ug/L #	85
49) Dibromochloromethane	9.524	129	21183	10.90	ug/L	97
50) 1,2-Dibromoethane	9.610	107	20210	10.46	ug/L #	96
51) Chlorobenzene	10.079	112	51333	10.59	ug/L	99
52) Ethylbenzene	10.195	91	85612	9.68	ug/L	94
53) m,p-Xylene	10.305	106	34697	10.57	ug/L	83
54) o-Xylene	10.646	106	34142	10.87	ug/L	84
55) Styrene	10.658	104	56902	10.47	ug/L	82
57) 1,1,2,2-Tetrachloroethane	11.213	83	29244	8.77	ug/L	100
59) Bromoform	10.805	173	16576	12.42	ug/L #	98
60) Isopropylbenzene	10.963	105	86989	9.71	ug/L	95
61) 1,2,3-Trichloropropane	11.244	75	22777	8.67	ug/L	95
62) 1,3,5-Trimethylbenzene	11.451	105	73527	9.62	ug/L	87
63) 1,2,4-Trimethylbenzene	11.756	105	73083	9.81	ug/L #	85
64) 1,3-Dichlorobenzene	11.969	146	39086	11.33	ug/L	97
65) 1,4-Dichlorobenzene	12.042	146	39333	11.21	ug/L	92
67) 1,2-Dichlorobenzene	12.335	146	38541	10.92	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.945	75	6198	7.87	ug/L #	59
69) 1,3,5-Trichlorobenzene	13.115	180	27879	11.62	ug/L	97
70) 1,2,4-trichlorobenzene	13.591	180	22524	11.23	ug/L	98
71) Naphthalene	13.780	128	75006	10.66	ug/L	98
72) 1,2,3-Trichlorobenzene	13.963	180	22087	11.32	ug/L	95

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