Quantitation Report (Qedit)

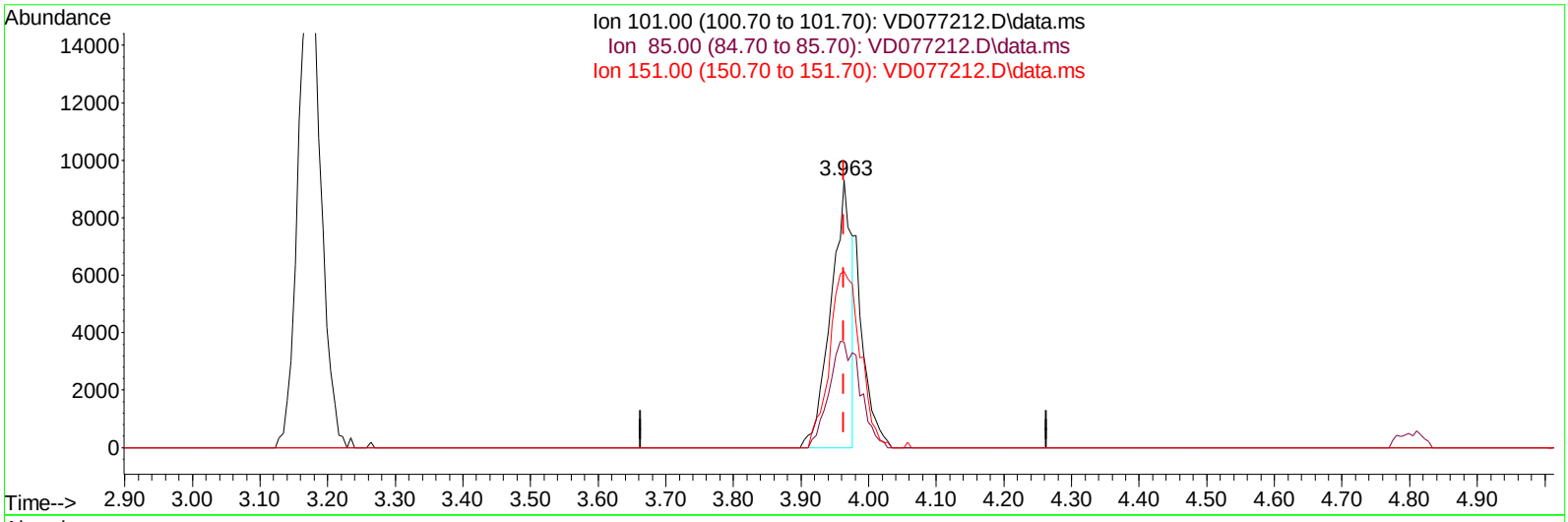
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092523\
Data File : VD077212.D
Acq On : 25 Sep 2023 10:55
Operator : JC/SY
Sample : VSTD00571
Misc : 5.00G/10.0ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

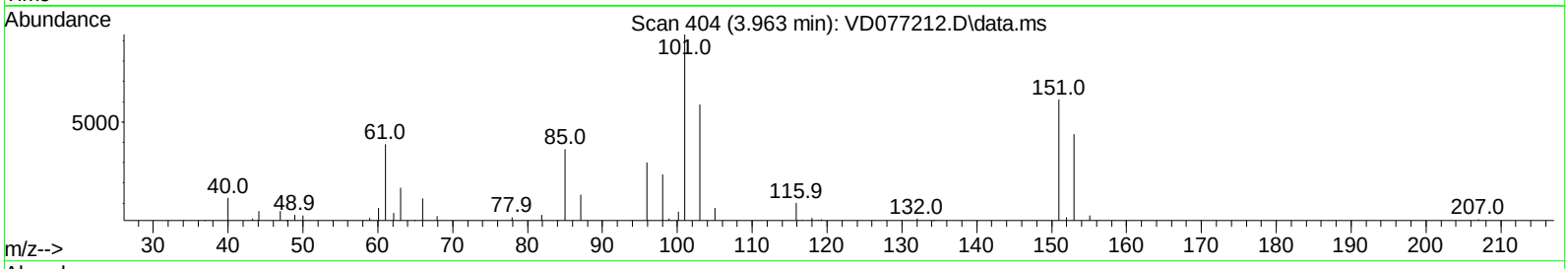
Quant Time: Sep 25 22:52:34 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM092523SMA.M
Quant Title : SFAM01.0
QLast Update : Mon Sep 25 22:51:27 2023
Response via : Initial Calibration

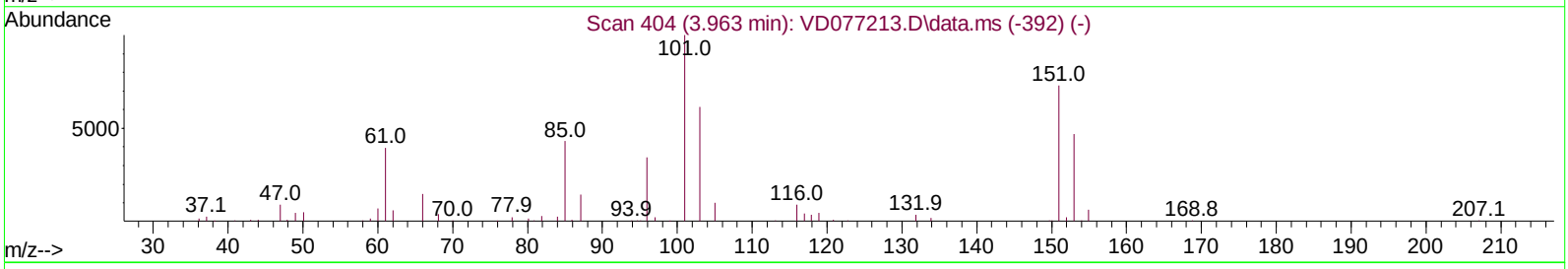
Instrument :
MSVOA_D
ClientSampleId :
VSTD005171

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 09/26/2023
Supervised By :Mahesh Dadoda 09/26/2023







TIC: VD077212.D\data.ms

(10) 1,1,2-Trichloro-1,2,2-trifluoroethane (T)

3.963min (-0.000) 4.75 ug/L

response 19422

Ion	Exp%	Act%
101.00	100.00	100.00
85.00	44.10	37.93
151.00	74.90	99.32#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092523\
Data File : VD077212.D
Acq On : 25 Sep 2023 10:55
Operator : JC/SY
Sample : VSTD00571
Misc : 5.00G/10.0ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 25 22:52:34 2023
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Quant Title : SFAM01.0
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Instrument :
MSVOA_D
ClientSampleId :
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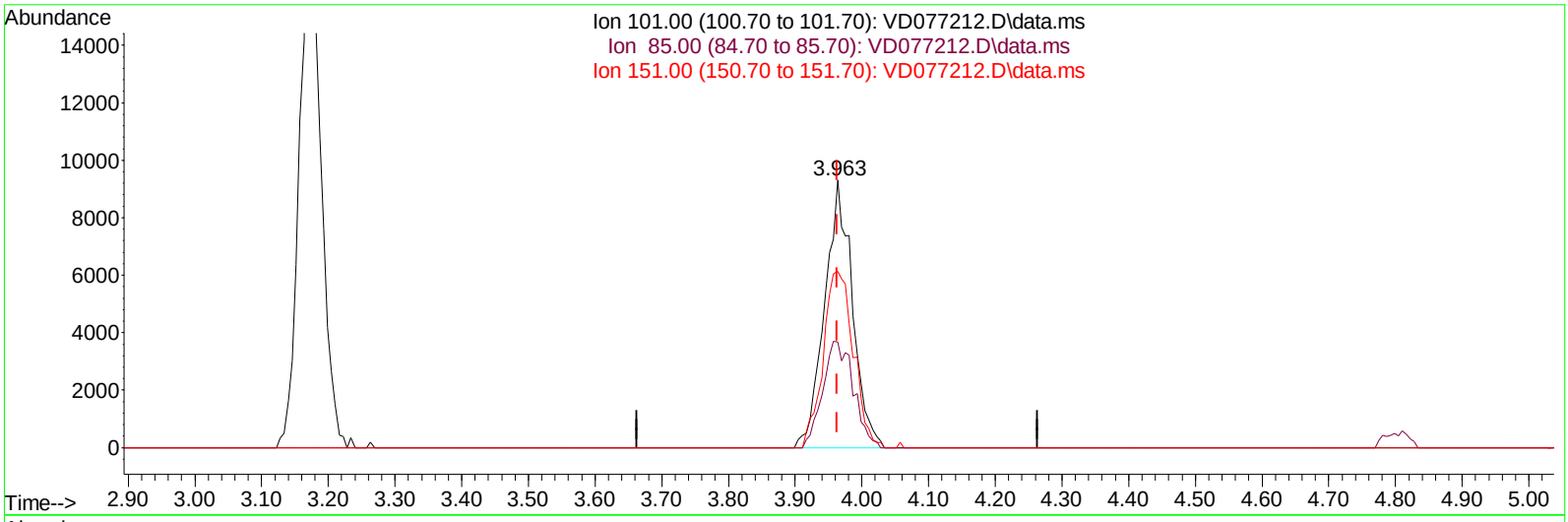

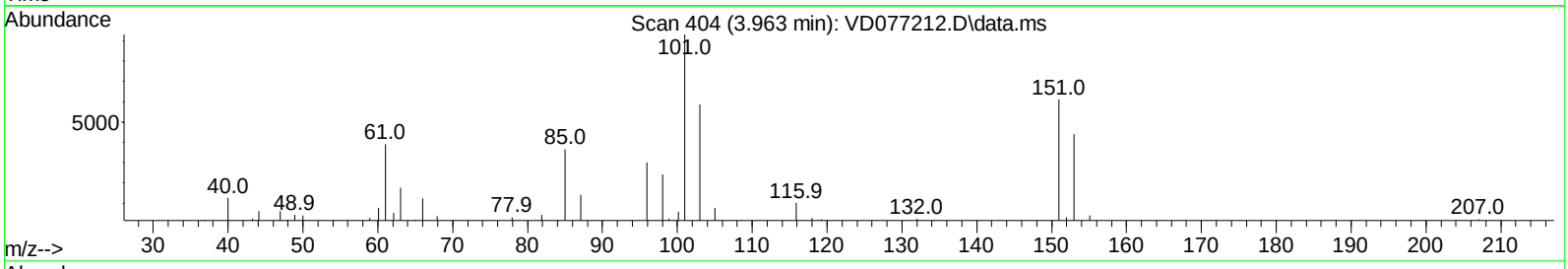

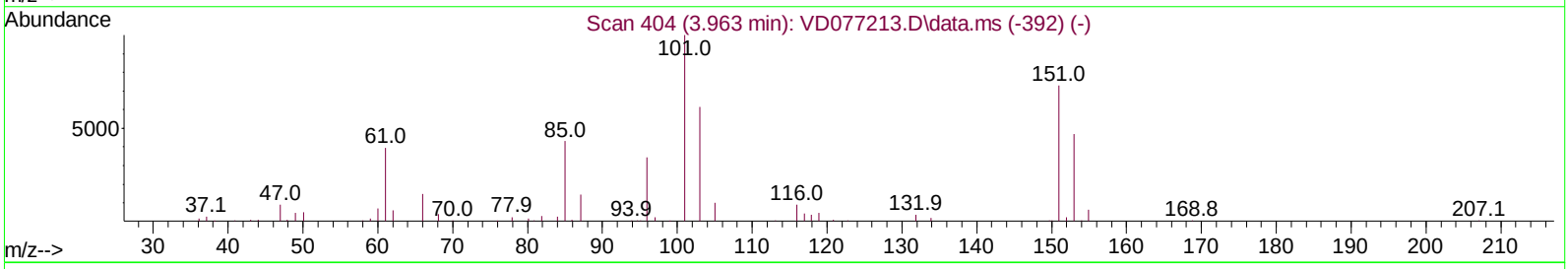

TIC: VD077212.D\data.ms

(10) 1,1,2-Trichloro-1,2,2-trifluoroethane (T)

3.963min (-0.000) 6.56 ug/L m

response 26821

Ion	Exp%	Act%
101.00	100.00	100.00
85.00	44.10	27.47#
151.00	74.90	71.92
0.00	0.00	0.00

Quantitation Report (Qedit)

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Data File : VD077212.D
Acq On : 25 Sep 2023 10:55
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Sample : VSTD00571
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ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 25 22:52:34 2023
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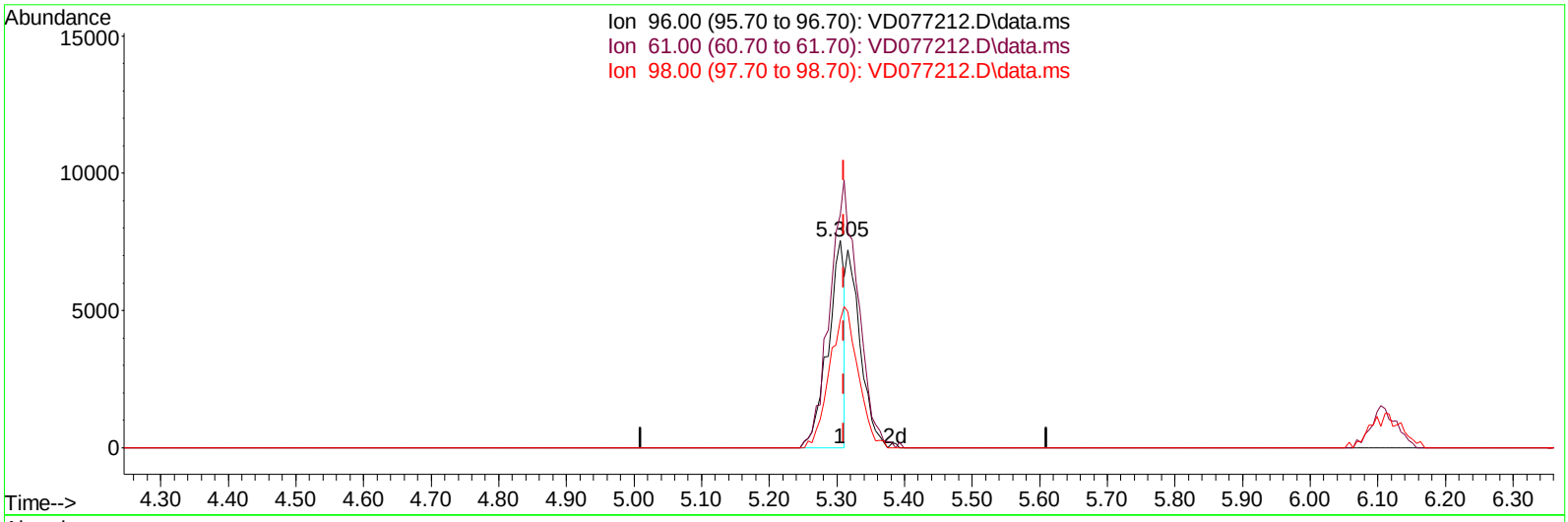

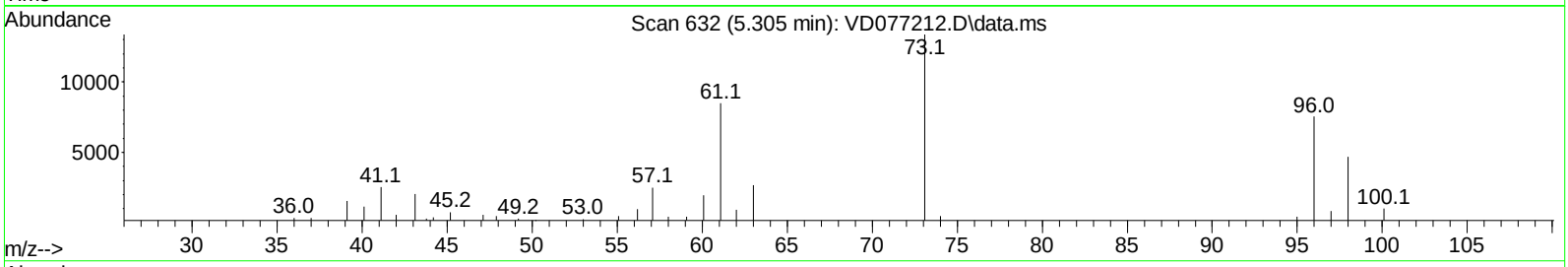

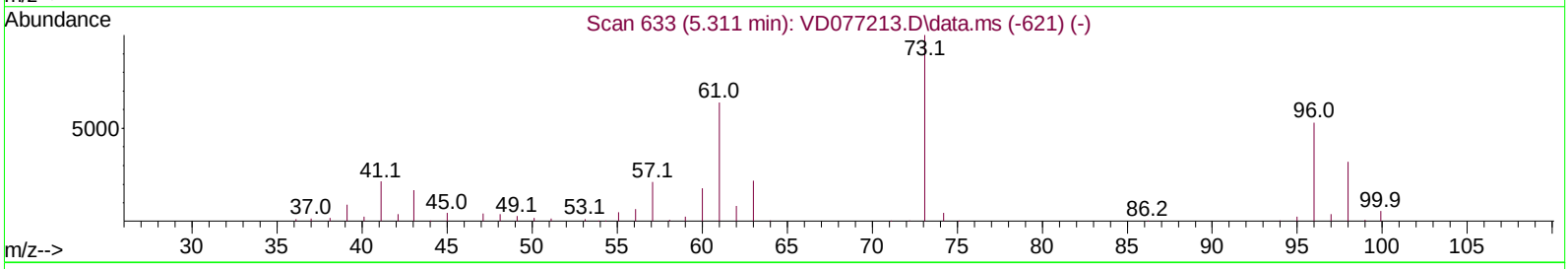

TIC: VD077212.D\data.ms

(17) trans-1,2-Dichloroethene (T)

5.305min (-0.006) 3.12 ug/L

response 12747

Ion	Exp%	Act%
96.00	100.00	100.00
61.00	120.20	112.39
98.00	60.00	61.76
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : JC/SY
Sample : VSTD00571
Misc : 5.00G/10.0ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 25 22:52:34 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM092523SMA.M
Quant Title : SFAM01.0
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Instrument :
MSVOA_D
ClientSampleId :
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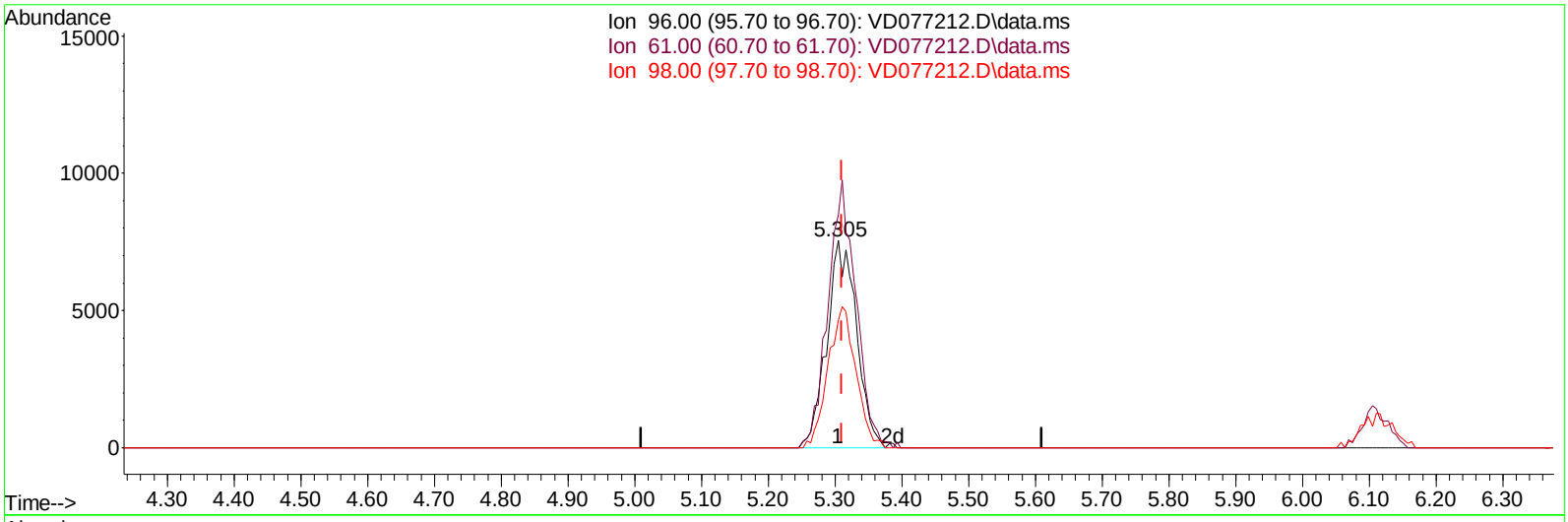

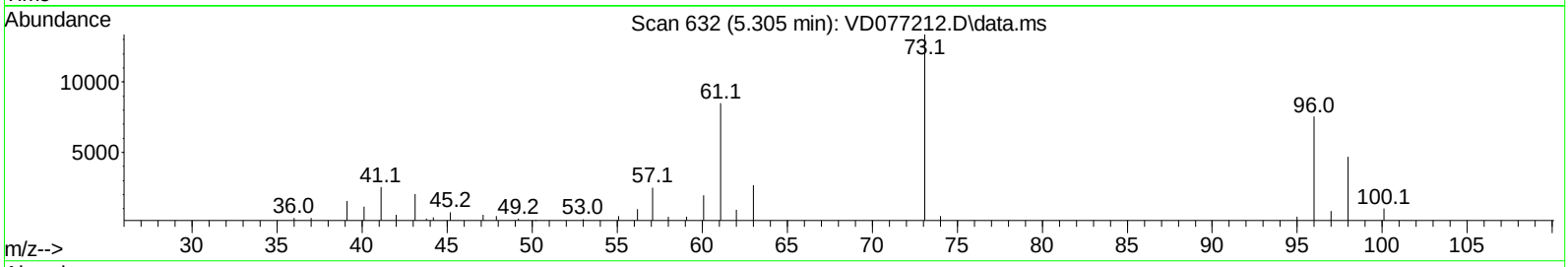

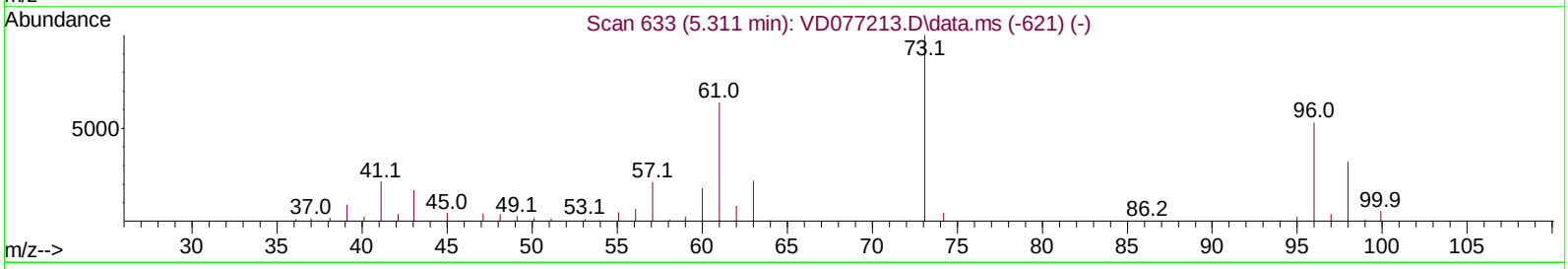

TIC: VD077212.D\data.ms

(17) trans-1,2-Dichloroethene (T)

5.305min (-0.006) 5.67 ug/L m

response 23185

Ion	Exp%	Act%
96.00	100.00	100.00
61.00	120.20	112.39
98.00	60.00	61.76
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092523\
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Acq On : 25 Sep 2023 10:55
Operator : JC/SY
Sample : VSTD00571
Misc : 5.00G/10.0ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 25 22:52:34 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM092523SMA.M
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Instrument :
MSVOA_D
ClientSampleId :
VSTD005171

Manual IntegrationsAPPROVED

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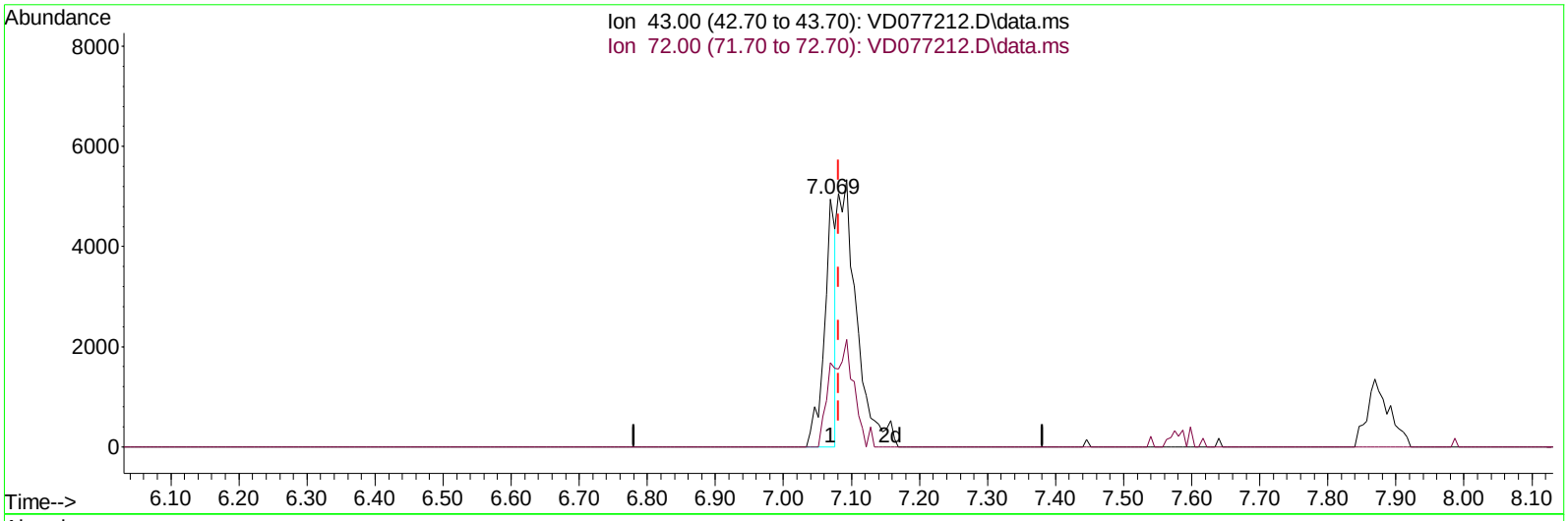

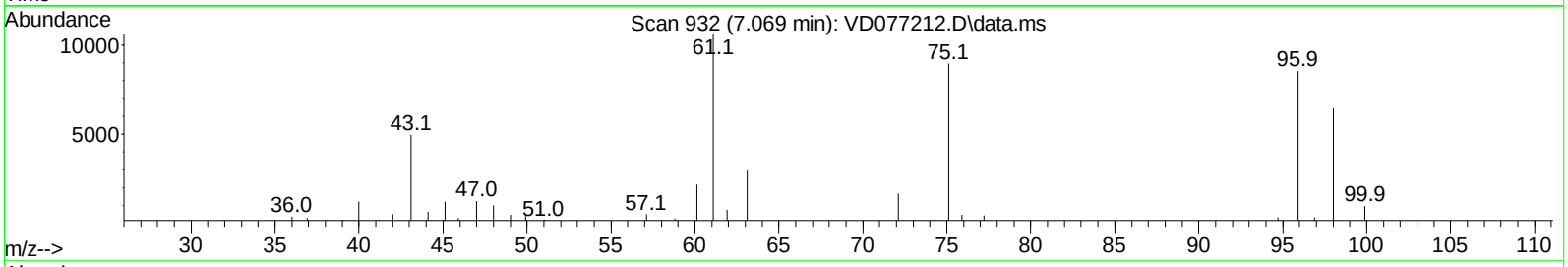

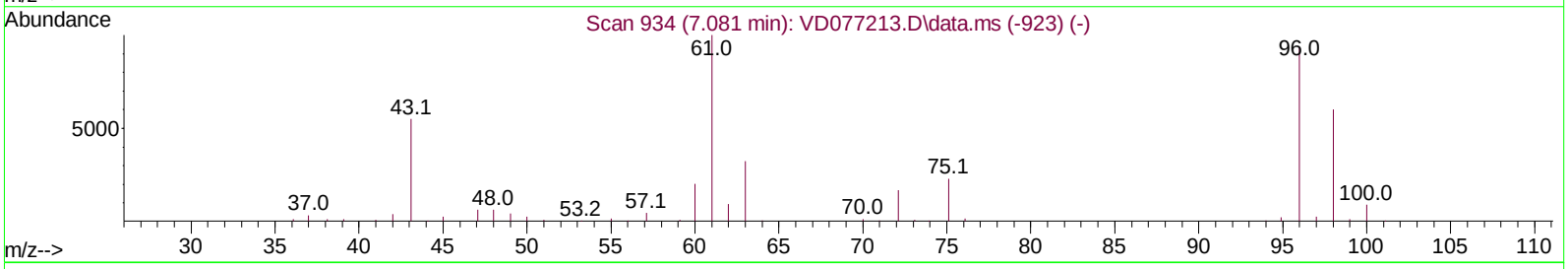

TIC: VD077212.D\data.ms

(22) 2-Butanone (T)

7.069min (-0.012) 3.61 ug/L

response 5571

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	30.90	40.05
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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Data File : VD077212.D
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Operator : JC/SY
Sample : VSTD00571
Misc : 5.00G/10.0ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 25 22:52:34 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM092523SMA.M
Quant Title : SFAM01.0
QLast Update : Mon Sep 25 22:51:27 2023
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Instrument :
MSVOA_D
ClientSampleId :
VSTD005171

Manual IntegrationsAPPROVED

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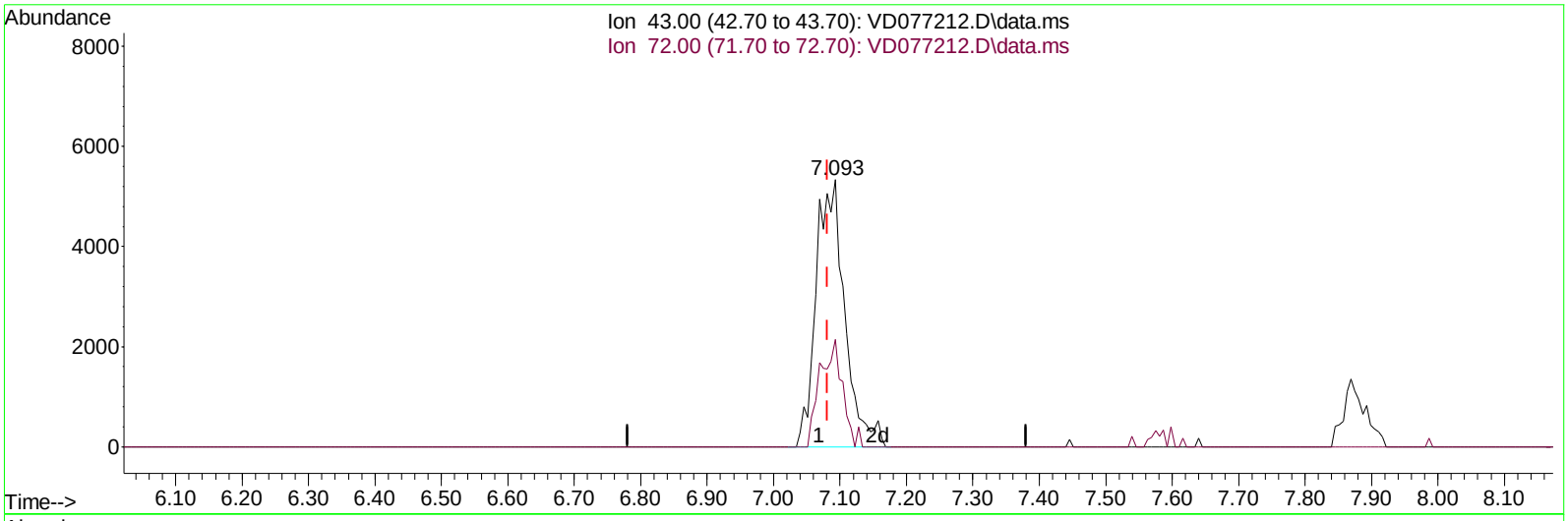

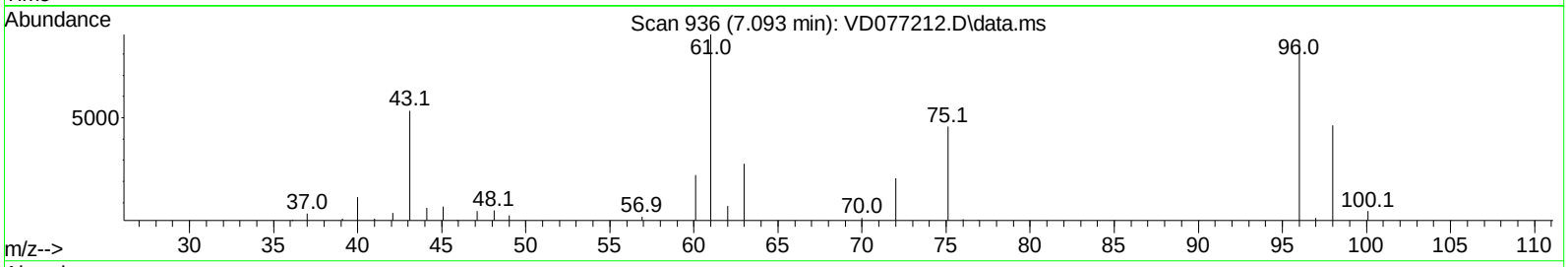

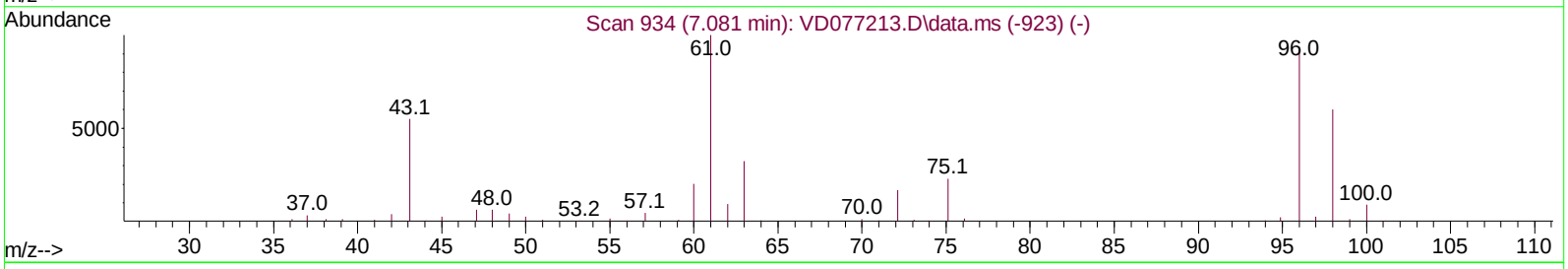

TIC: VD077212.D\data.ms

(22) 2-Butanone (T)

7.093min (+ 0.012) 10.33 ug/L m

response 15934

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	30.90	14.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092523\
Data File : VD077212.D
Acq On : 25 Sep 2023 10:55
Operator : JC/SY
Sample : VSTD00571
Misc : 5.00G/10.0ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 25 22:52:34 2023
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Quant Title : SFAM01.0
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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	8.775	114	278098	25.000	ug/L		0.00
28) Chlorobenzene-d5	11.581	117	282348	25.000	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	143705	25.000	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.275	65	48040	7.551	ug/L		0.00
7) Chloroethane-d5	2.793	69	43149	8.014	ug/L		0.00
11) 1,1-Dichloroethene-d2	3.916	65	12573	8.370	ug/L		0.00
21) 2-Butanone-d5	6.993	46	14536	15.844	ug/L		0.00
24) Chloroform-d	7.563	84	61366	7.961	ug/L		0.00
26) 1,2-Dichloroethane-d4	8.228	65	30209	8.249	ug/L		0.00
32) Benzene-d6	8.199	84	116055	7.518	ug/L		0.00
36) 1,2-Dichloropropane-d6	9.210	67	35984	7.914	ug/L		0.00
41) Toluene-d8	10.269	98	103991	7.433	ug/L		0.00
43) trans-1,3-Dichloroprop...	10.528	79	15381	7.735	ug/L		0.00
47) 2-Hexanone-d5	10.875	63	9620	12.999	ug/L		0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	30781	7.459	ug/L		0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	33609	7.357	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.928	85	26216	7.522	ug/L		100
3) Chloromethane	2.146	50	28451	4.824	ug/L		95
5) Vinyl chloride	2.281	62	35777	5.256	ug/L		97
6) Bromomethane	2.681	94	24156	5.111	ug/L		86
8) Chloroethane	2.834	64	25466	5.555	ug/L		89
9) Trichlorofluoromethane	3.175	101	40383	6.089	ug/L		97
10) 1,1,2-Trichloro-1,2,2-...	3.963	101	26821m	6.562	ug/L		
12) 1,1-Dichloroethene	3.940	96	20883	5.660	ug/L		94
13) Acetone	4.022	43	12558	9.730	ug/L		100
14) Carbon disulfide	4.269	76	52830	4.543	ug/L		97
15) Methyl Acetate	4.563	43	12067	6.897	ug/L	#	78
16) Methylene chloride	4.799	84	33428	5.879	ug/L		97
17) trans-1,2-Dichloroethene	5.305	96	23185m	5.669	ug/L		
18) Methyl tert-butyl Ether	5.316	73	53668	5.944	ug/L	#	90
19) 1,1-Dichloroethane	6.110	63	47422	6.724	ug/L		99
20) cis-1,2-Dichloroethene	7.081	96	27672	5.832	ug/L		95
22) 2-Butanone	7.093	43	15934m	10.326	ug/L		
23) Bromochloromethane	7.428	128	14962	6.602	ug/L	#	77
25) Chloroform	7.604	83	53336	6.799	ug/L		94
27) 1,2-Dichloroethane	8.328	62	30201	6.412	ug/L		100
29) Cyclohexane	7.875	56	26056	5.068	ug/L		94
30) 1,1,1-Trichloroethane	7.787	97	42132	6.337	ug/L		98
31) Carbon tetrachloride	7.987	117	32364	5.817	ug/L		98
33) Benzene	8.251	78	100357	5.853	ug/L		100
34) Trichloroethene	9.028	95	27230	6.051	ug/L		97
35) Methylcyclohexane	9.275	83	32664	4.853	ug/L		96
37) 1,2-Dichloropropane	9.304	63	29439	6.656	ug/L	#	93
38) Bromodichloromethane	9.587	83	38665	6.401	ug/L	#	91
39) cis-1,3-Dichloropropene	10.016	75	40754	5.892	ug/L		98
40) 4-Methyl-2-pentanone	10.157	43	31061	12.592	ug/L		98
42) Toluene	10.334	91	108699	5.847	ug/L		93

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Instrument :
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Manual IntegrationsAPPROVED

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Quant Title : SFAM01.0
QLast Update : Mon Sep 25 22:51:27 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) trans-1,3-Dichloropropene	10.557	75	35738	6.020	ug/L	98
45) 1,1,2-Trichloroethane	10.734	97	25371	6.738	ug/L	97
46) Tetrachloroethene	10.810	164	21286	5.818	ug/L	95
48) 2-Hexanone	10.922	43	22602	11.841	ug/L	98
49) Dibromochloromethane	11.075	129	27995	6.454	ug/L	90
50) 1,2-Dibromoethane	11.181	107	23972	6.588	ug/L	90
51) Chlorobenzene	11.610	112	77852	6.273	ug/L	98
52) Ethylbenzene	11.687	91	111463	5.559	ug/L	95
53) m,p-Xylene	11.798	106	43091	5.564	ug/L	94
54) o-Xylene	12.122	106	38794	5.196	ug/L	100
55) Styrene	12.140	104	76330	5.676	ug/L	86
57) 1,1,2,2-Tetrachloroethane	12.675	83	30370	6.863	ug/L	94
59) Bromoform	12.298	173	18169	6.915	ug/L	98
60) Isopropylbenzene	12.422	105	106010	5.705	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	20762	7.327	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	76812	5.347	ug/L	97
63) 1,2,4-Trimethylbenzene	13.210	105	77794	5.504	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	56536	6.339	ug/L	95
65) 1,4-Dichlorobenzene	13.539	146	60134	6.420	ug/L	93
67) 1,2-Dichlorobenzene	13.834	146	53351	6.482	ug/L	90
68) 1,2-Dibromo-3-chloropr...	14.451	75	3976	6.753	ug/L	92
69) 1,3,5-Trichlorobenzene	14.598	180	37056	6.281	ug/L	97
70) 1,2,4-trichlorobenzene	15.098	180	30654	6.094	ug/L	98
71) Naphthalene	15.333	128	58832	5.817	ug/L	98
72) 1,2,3-Trichlorobenzene	15.522	180	28731	6.165	ug/L	99

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

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