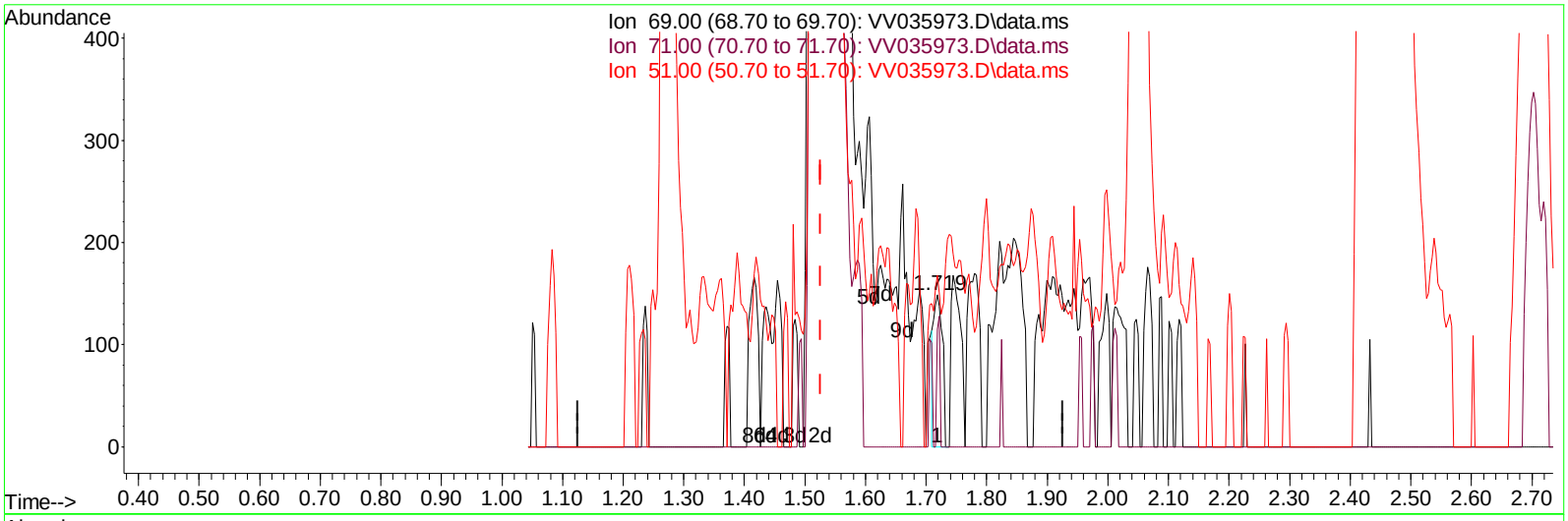
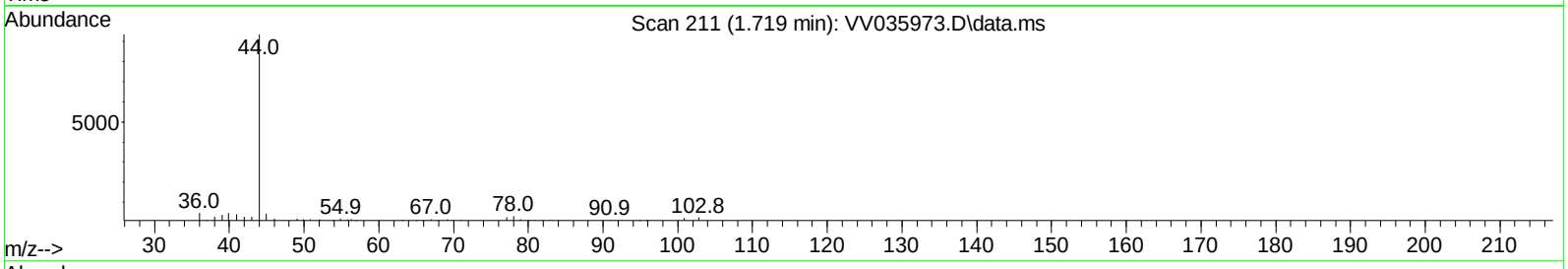
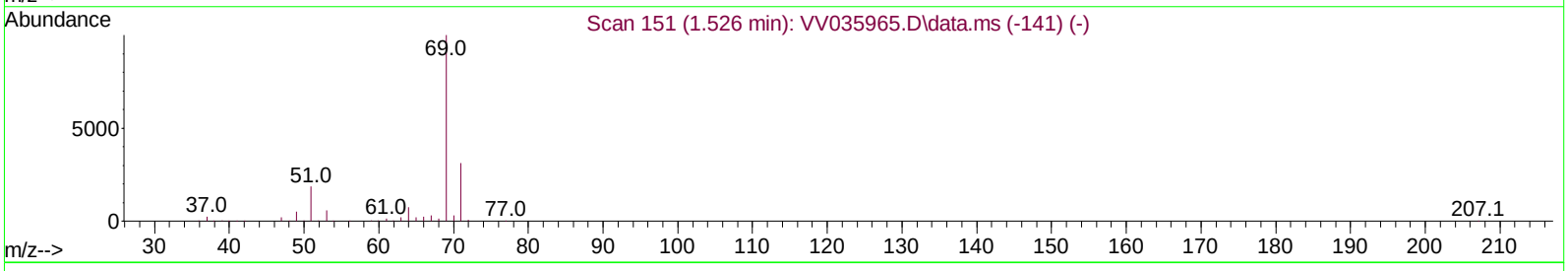
Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060424\
Data File : VV035973.D
Acq On : 04 Jun 2024 13:15
Operator : SY/MD
Sample : P2695-16DL 2X
Misc : 5.00g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jun 05 04:05:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 05 04:01:54 2024
Response via : Initial Calibration







TIC: VV035973.D\data.ms

(7) Chloroethane-d5 (S)

1.719min (+ 0.193) 0.02 ug/L

response 148

Ion	Exp%	Act%
69.00	100.00	100.00
71.00	31.90	31.76
51.00	26.70	20.27
0.00	0.00	0.00

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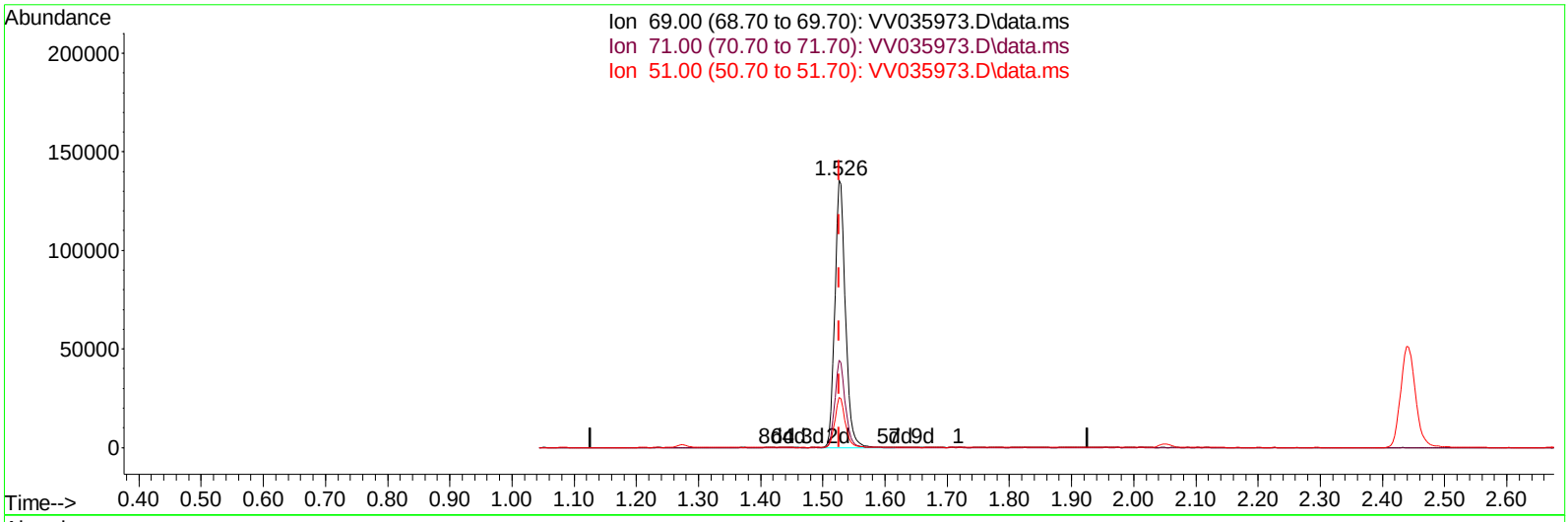
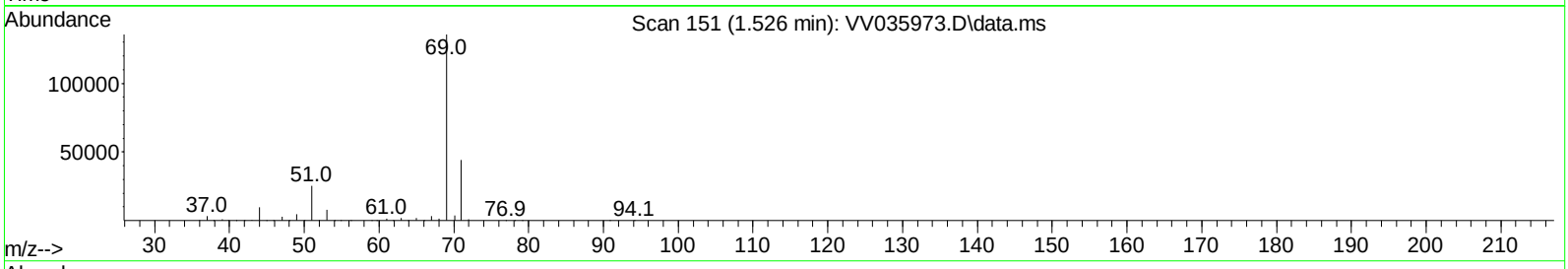
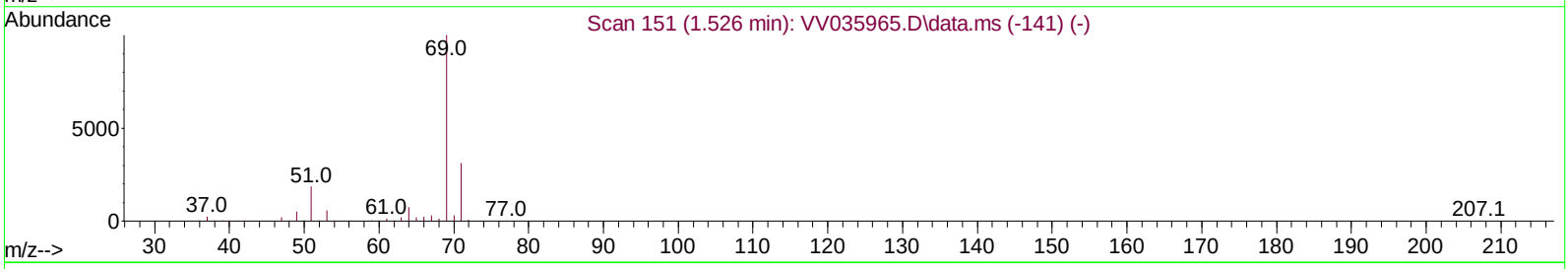
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jun 05 04:05:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 05 04:01:54 2024
Response via : Initial Calibration







TIC: VV035973.D\data.ms

(7) Chloroethane-d5 (S)

1.526min (-0.000) 23.85 ug/L m

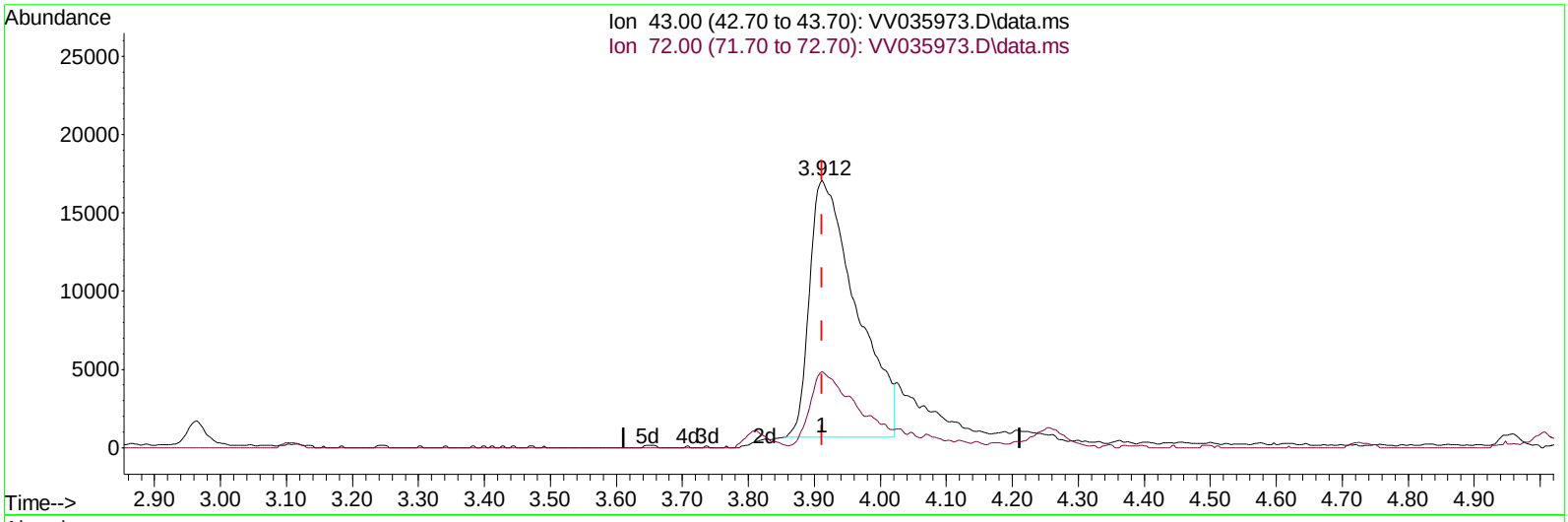
response 161235

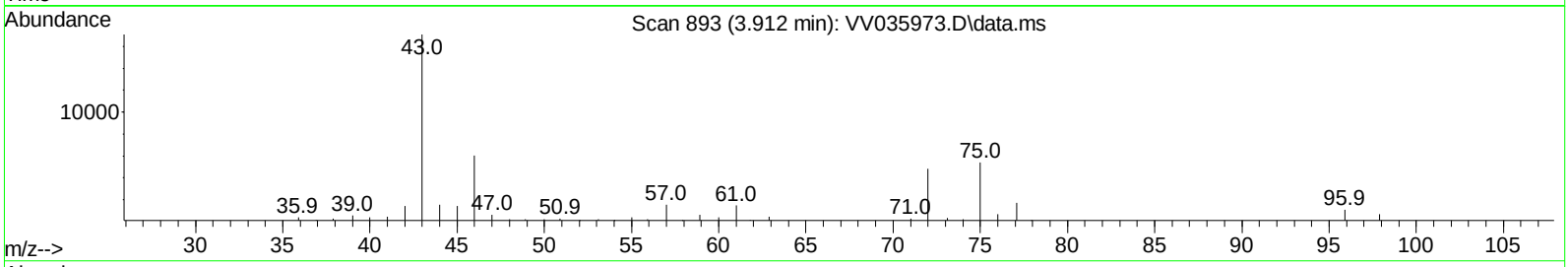
Ion	Exp%	Act%
69.00	100.00	100.00
71.00	31.90	0.03#
51.00	26.70	0.02#
0.00	0.00	0.00

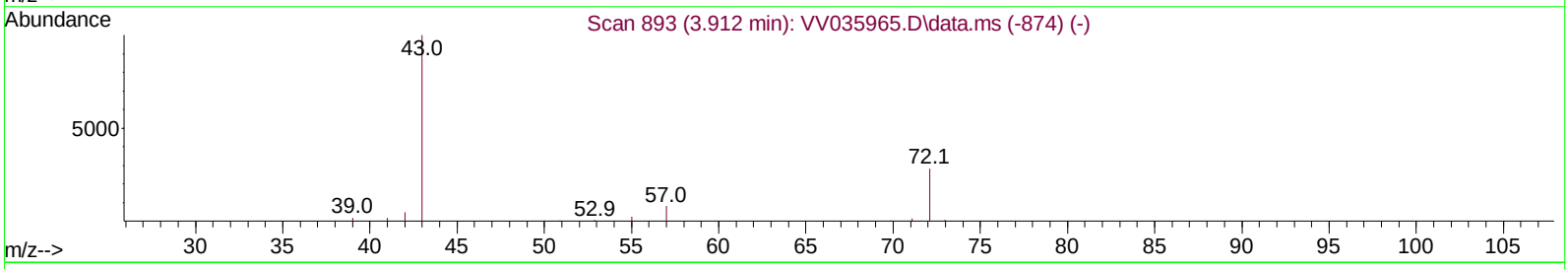
Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060424\
Data File : VV035973.D
Acq On : 04 Jun 2024 13:15
Operator : SY/MD
Sample : P2695-16DL 2X
Misc : 5.00g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jun 05 04:05:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 05 04:01:54 2024
Response via : Initial Calibration







TIC: VV035973.D\data.ms

(22) 2-Butanone (T)

3.912min (-0.000) 31.43 ug/L

response 80820

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	16.30	18.24
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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Data File : VV035973.D
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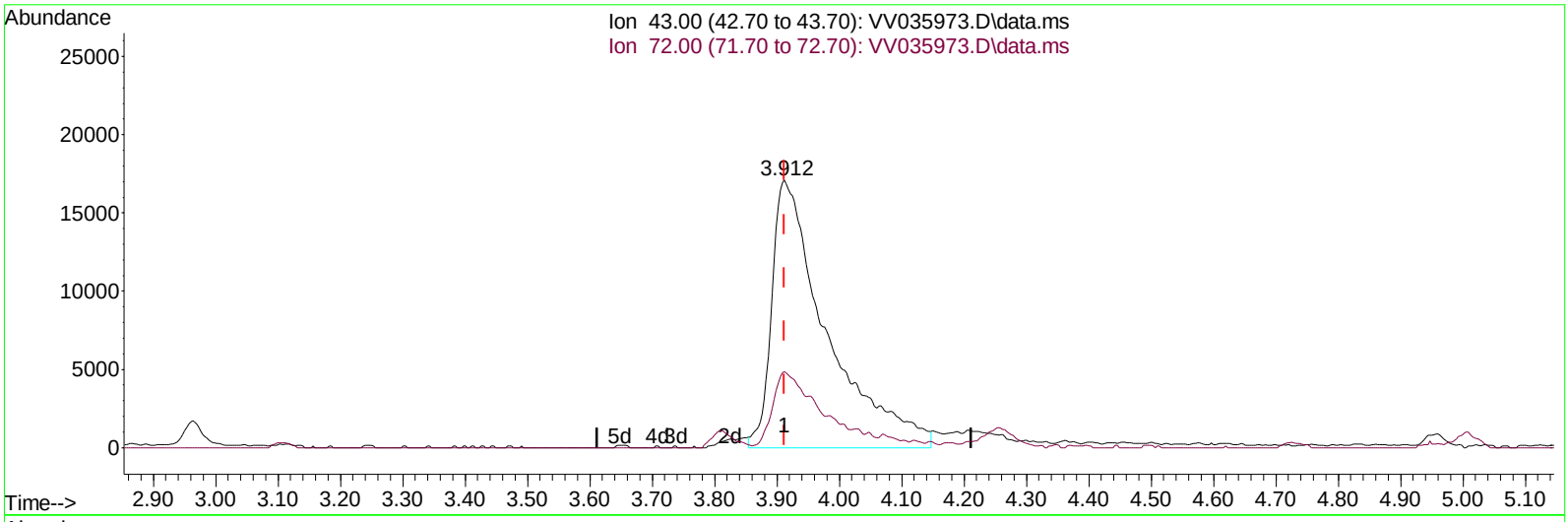
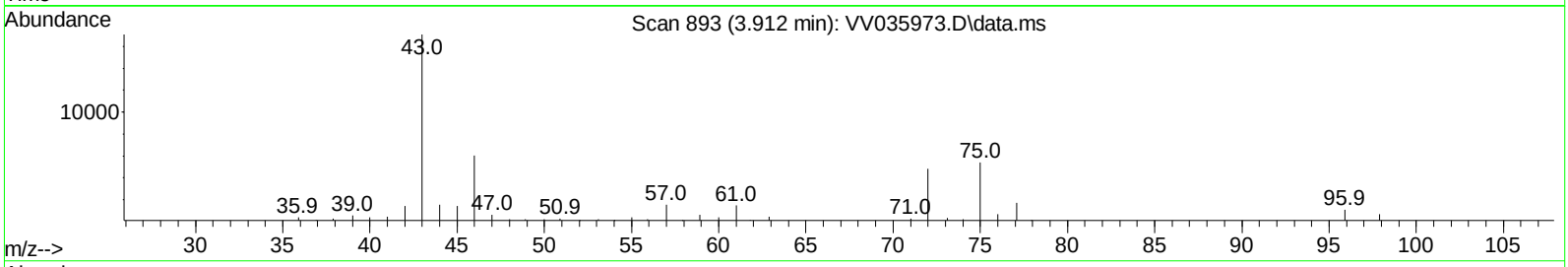
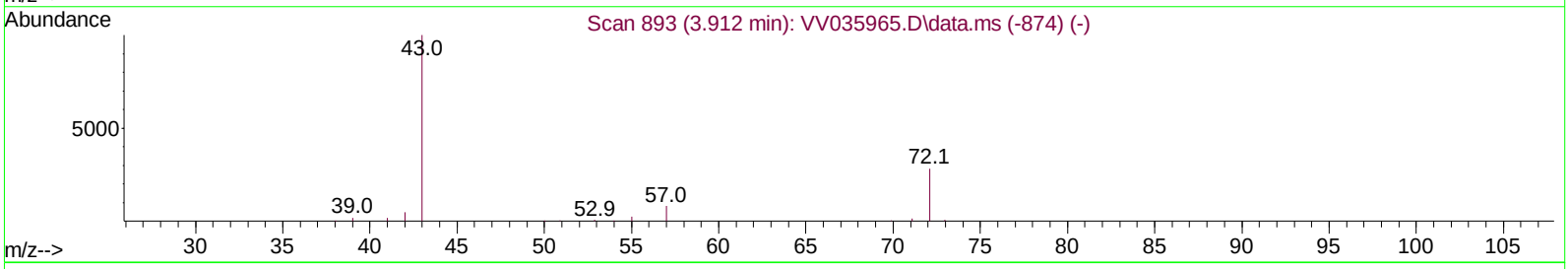
Operator : SY/MD
Sample : P2695-16DL 2X
Misc : 5.00g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jun 05 04:05:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 05 04:01:54 2024
Response via : Initial Calibration







TIC: VV035973.D\data.ms

(22) 2-Butanone (T)

3.912min (-0.000) 40.57 ug/L m

response 104323

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	16.30	14.13
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060424\
Data File : VV035973.D
Acq On : 04 Jun 2024 13:15
Operator : SY/MD
Sample : P2695-16DL 2X
Misc : 5.00g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jun 05 04:05:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 05 04:01:54 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Difluorobenzene	5.532	114	461248	25.000 ug/L	0.00
28) Chlorobenzene-d5	8.783	117	460100	25.000 ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	217124	25.000 ug/L	0.00
System Monitoring Compounds					
4) Vinyl Chloride-d3	1.272	65	198608	23.421 ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 93.680%		
7) Chloroethane-d5	1.526	69	161235m	23.845 ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 95.400%		
11) 1,1-Dichloroethene-d2	2.050	65	88978	23.570 ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 94.280%		
21) 2-Butanone-d5	3.838	46	96822	49.764 ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 99.520%		
24) Chloroform-d	4.246	84	349160	23.811 ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 95.240%		
26) 1,2-Dichloroethane-d4	4.937	65	184728	24.027 ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.120%		
32) Benzene-d6	4.957	84	679538	24.847 ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 99.400%		
36) 1,2-Dichloropropane-d6	5.985	67	220034	25.548 ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 102.200%		
41) Toluene-d8	7.239	98	646362	26.785 ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 107.160%		
43) trans-1,3-Dichloroprop...	7.555	79	90114	25.518 ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 102.080%		
47) 2-Hexanone-d5	8.030	63	61983	53.118 ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 106.240%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	154067	23.939 ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 95.760%		
66) 1,2-Dichlorobenzene-d4	11.558	152	214514	26.942 ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 107.760%		
Target Compounds					Qvalue
13) Acetone	2.150	43	364701	120.335 ug/L #	43
16) Methylene chloride	2.439	84	231186	22.150 ug/L	97
17) trans-1,2-Dichloroethene	2.687	96	171733	21.888 ug/L	97
18) Methyl tert-butyl Ether	2.703	73	196405	11.150 ug/L	99
19) 1,1-Dichloroethane	3.105	63	447026	29.918 ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	292761	37.134 ug/L	99
22) 2-Butanone	3.912	43	104323m	40.567 ug/L	
25) Chloroform	4.272	83	247219	16.084 ug/L	100
31) Carbon tetrachloride	4.732	117	82949	7.517 ug/L	100
33) Benzene	5.005	78	1242258	41.282 ug/L	100
34) Trichloroethene	5.828	95	440348	47.746 ug/L	100
38) Bromodichloromethane	6.429	83	329691	31.524 ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	453143	38.343 ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	641753	149.491 ug/L	98
42) Toluene	7.313	91	593396	19.298 ug/L	100
45) 1,1,2-Trichloroethane	7.767	97	155580	23.797 ug/L	97
46) Tetrachloroethene	7.902	164	132482	19.641 ug/L	98
49) Dibromochloromethane	8.172	129	296127	41.386 ug/L	100

Quantitation Report (QT/LSC Reviewed)

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Quant Title : VOC Analysis
QLast Update : Wed Jun 05 04:01:54 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
50) 1,2-Dibromoethane	8.281	107	109071	17.387	ug/L	98
52) Ethylbenzene	8.944	91	1126290	34.236	ug/L	99
53) m,p-Xylene	9.072	106	167710	13.567	ug/L	99
54) o-Xylene	9.477	106	251199	21.549	ug/L	100
55) Styrene	9.493	104	891590	43.372	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	238813	40.794	ug/L	100
59) Bromoform	9.664	173	220424	53.832	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	530980	35.166	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	57311	49.910	ug/L	97

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

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