LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072018\
Data File : VV006661.D
Acq On : 20 Jul 2018 12:22
Operator : SY/MD
Sample : J3983-03
Misc : 25 mL/MSVOA V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DB170

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071918WMA.M
Title : TRACE VOA SOM01.0

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.032	25	44	67	rBV	1843222	2458552	100.00%	17.310%
2	1.234	93	107	125	rBV	179760	594164	24.17%	4.183%
3	1.324	129	135	155	rVB2	346225	469841	19.11%	3.308%
4	1.578	209	214	229	rVB	89185	105359	4.29%	0.742%
5	1.900	308	314	326	rVB	100067	133613	5.43%	0.941%
6	2.135	378	387	397	rVB	216844	313028	12.73%	2.204%
7	2.794	580	592	615	rBV	601116	1002554	40.78%	7.059%
8	3.183	707	713	740	rVB2	32151	74219	3.02%	0.523%
9	3.967	936	957	999	rBV2	979904	2433555	98.98%	17.134%
10	4.408	1076	1094	1114	rBV	133814	316387	12.87%	2.228%
11	5.099	1290	1309	1342	rBV2	329610	768365	31.25%	5.410%
12	5.668	1469	1486	1513	rBV	291080	568775	23.13%	4.005%
13	5.964	1563	1578	1604	rBV	496250	943601	38.38%	6.643%
14	6.125	1612	1628	1649	rVB	180127	358264	14.57%	2.522%
15	7.035	1898	1911	1927	rBV	81747	140477	5.71%	0.989%
16	7.363	1997	2013	2032	rBV	383195	660059	26.85%	4.647%
17	7.668	2095	2108	2126	rBV	44568	75584	3.07%	0.532%
18	7.987	2193	2207	2223	rVB3	17202	32258	1.31%	0.227%
19	8.141	2241	2255	2292	rBV	360327	628813	25.58%	4.427%
20	8.900	2479	2491	2513	rBV	404938	662198	26.93%	4.662%
21	10.269	2905	2917	2929	rBV	122138	190802	7.76%	1.343%
22	10.427	2956	2966	2980	rBV	30364	50978	2.07%	0.359%
23	11.302	3225	3238	3266	rBV	379580	638812	25.98%	4.498%
24	11.678	3342	3355	3378	rBV	329372	518530	21.09%	3.651%
25	16.372	4806	4815	4828	rVB2	44665	64584	2.63%	0.455%

Sum of corrected areas: 14203372

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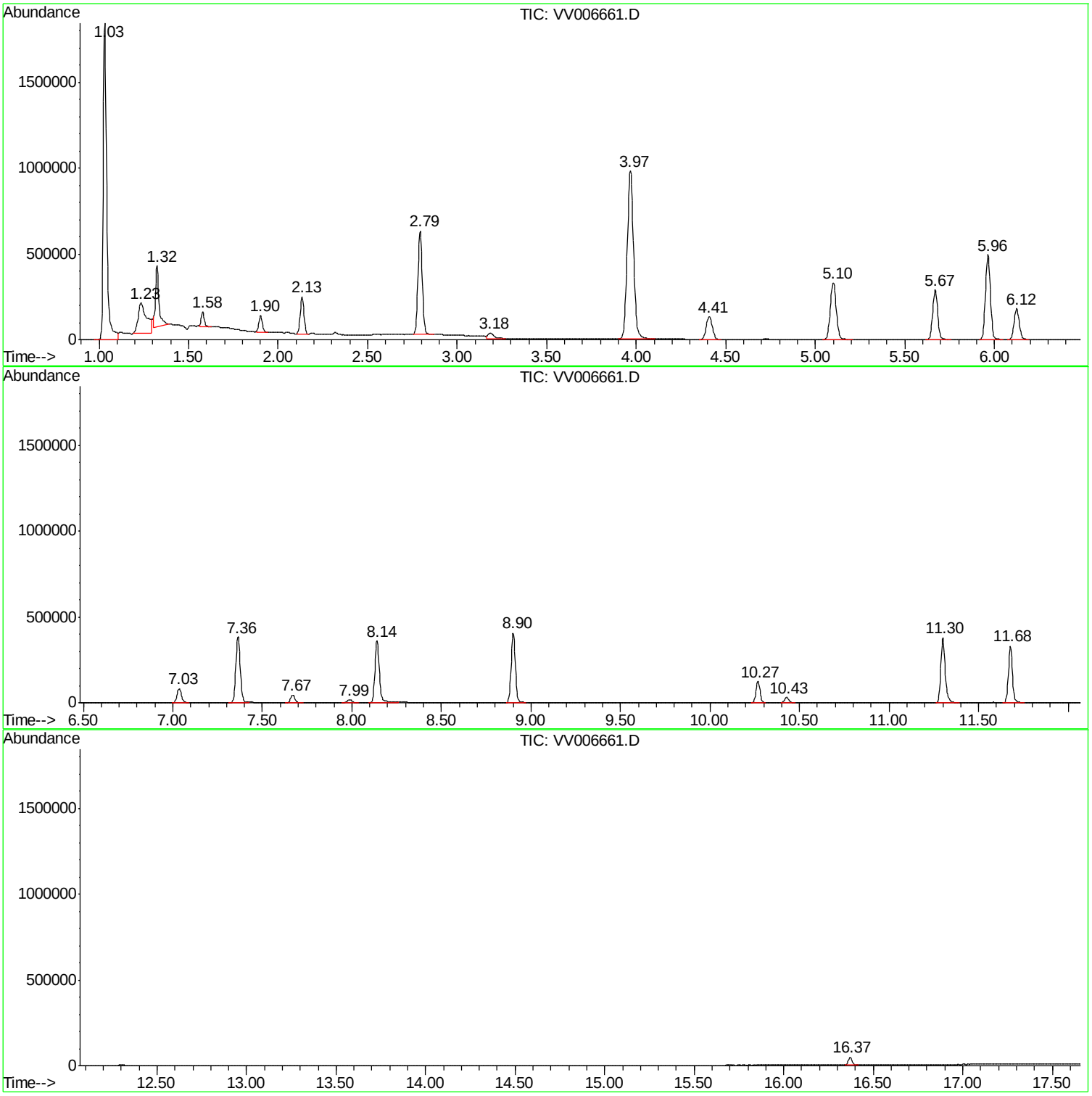
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DB170

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071918WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072018\
Data File : VV006661.D
Acq On : 20 Jul 2018 12:22
Operator : SY/MD
Sample : J3983-03
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DB170

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071918WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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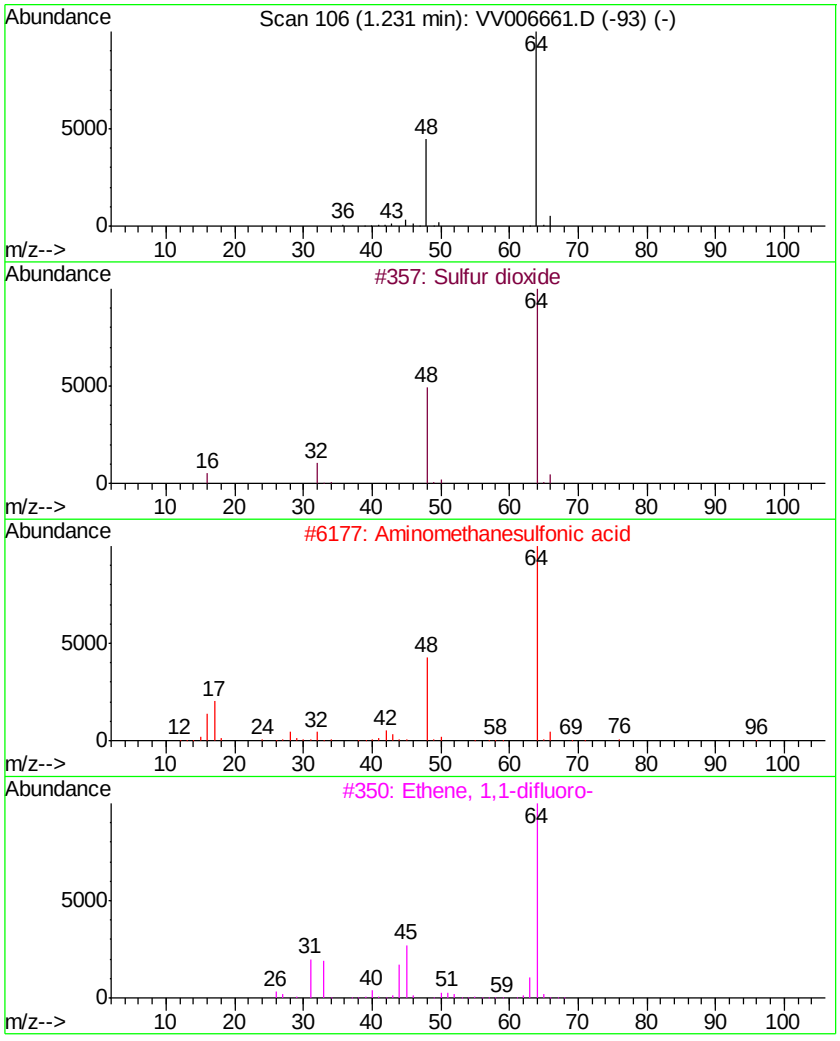
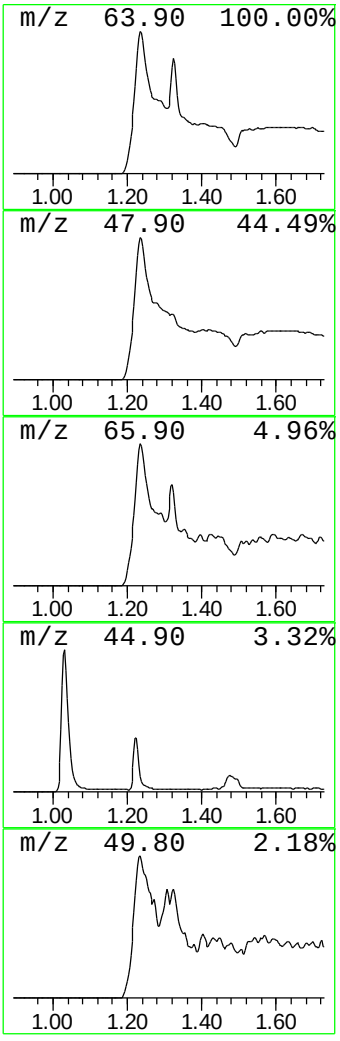
Peak Number 2 Sulfur dioxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.23	5.22 ug/L	594164	1,4-Difluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	83
2	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	74
3	Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	9
4	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
5	Sulfur dioxide	64	O2S	007446-09-5	5





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Acq On : 20 Jul 2018 12:22
Operator : SY/MD
Sample : J3983-03
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ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DB170

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071918WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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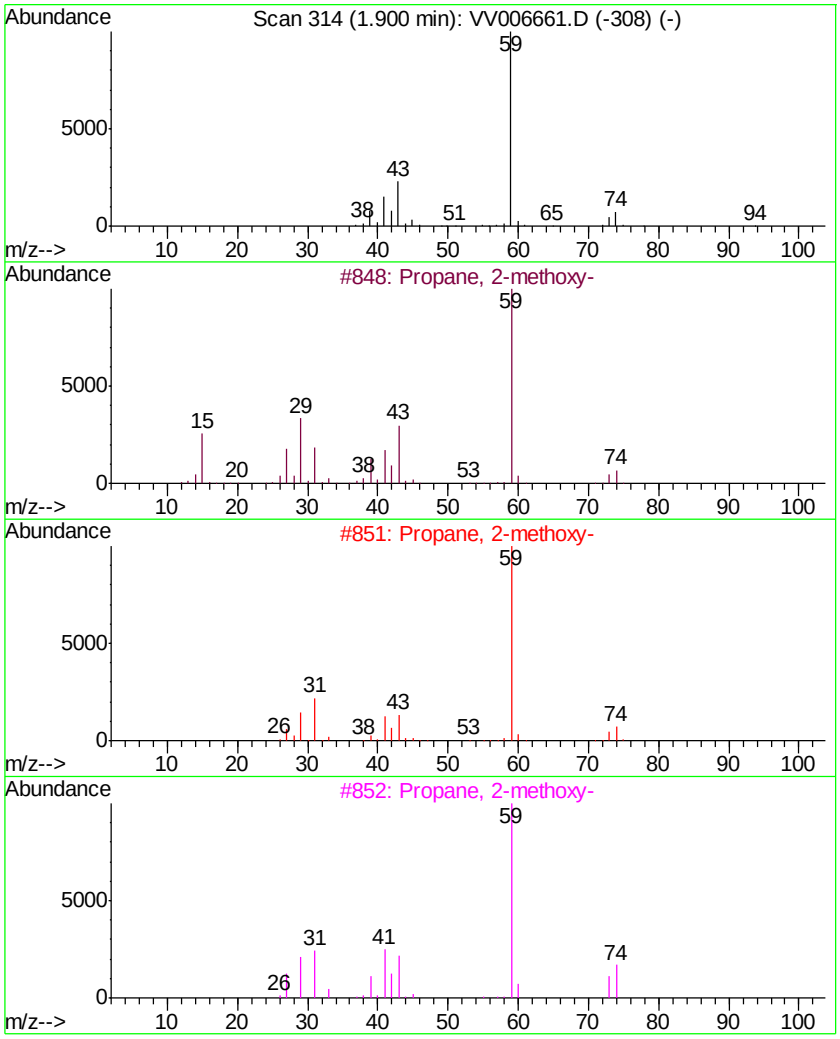
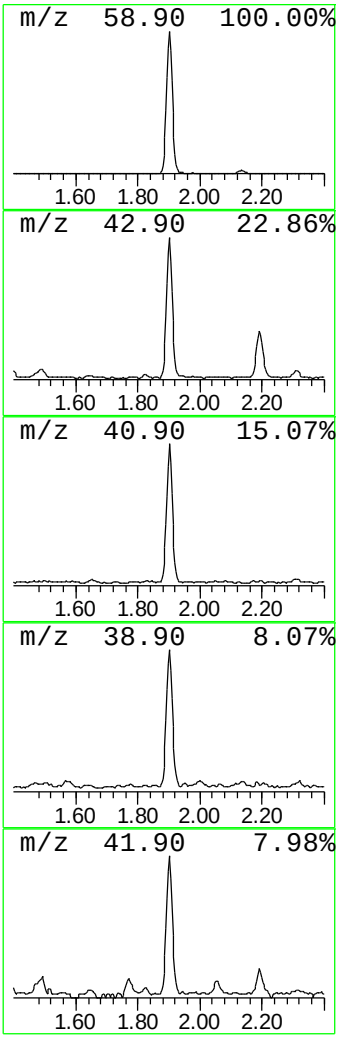
Peak Number 3 Propane, 2-methoxy- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.90	1.17 ug/L	133613	1,4-Difluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2-methoxy-	74	C4H10O	000598-53-8	72
2	Propane, 2-methoxy-	74	C4H10O	000598-53-8	72
3	Propane, 2-methoxy-	74	C4H10O	000598-53-8	9
4	Silane, trimethyl-	74	C3H10Si	000993-07-7	9
5	Guanidine	59	CH5N3	000113-00-8	7





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ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DB170

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071918WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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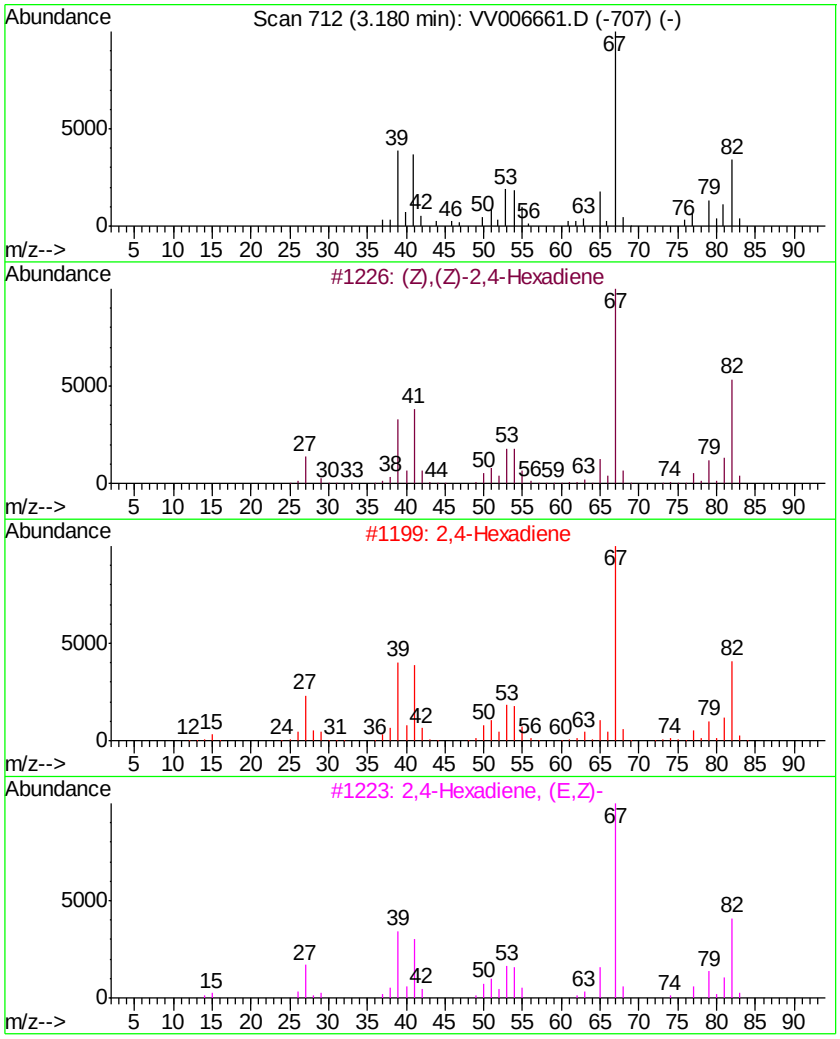
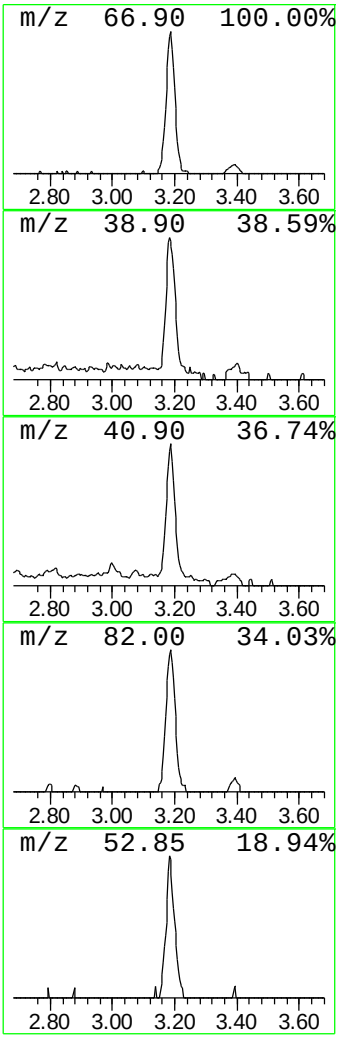
Peak Number 4 (Z),(Z)-2,4-Hexadiene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.18	0.65 ug/L	74219	1,4-Difluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(Z),(Z)-2,4-Hexadiene	82	C6H10	006108-61-8	87
2	2,4-Hexadiene	82	C6H10	000592-46-1	87
3	2,4-Hexadiene, (E,Z)-	82	C6H10	005194-50-3	87
4	2,4-Hexadiene, (E,E)-	82	C6H10	005194-51-4	87
5	2,4-Hexadiene	82	C6H10	000592-46-1	87





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Instrument : MSVOA_V
ClientSampleId : DB170

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071918WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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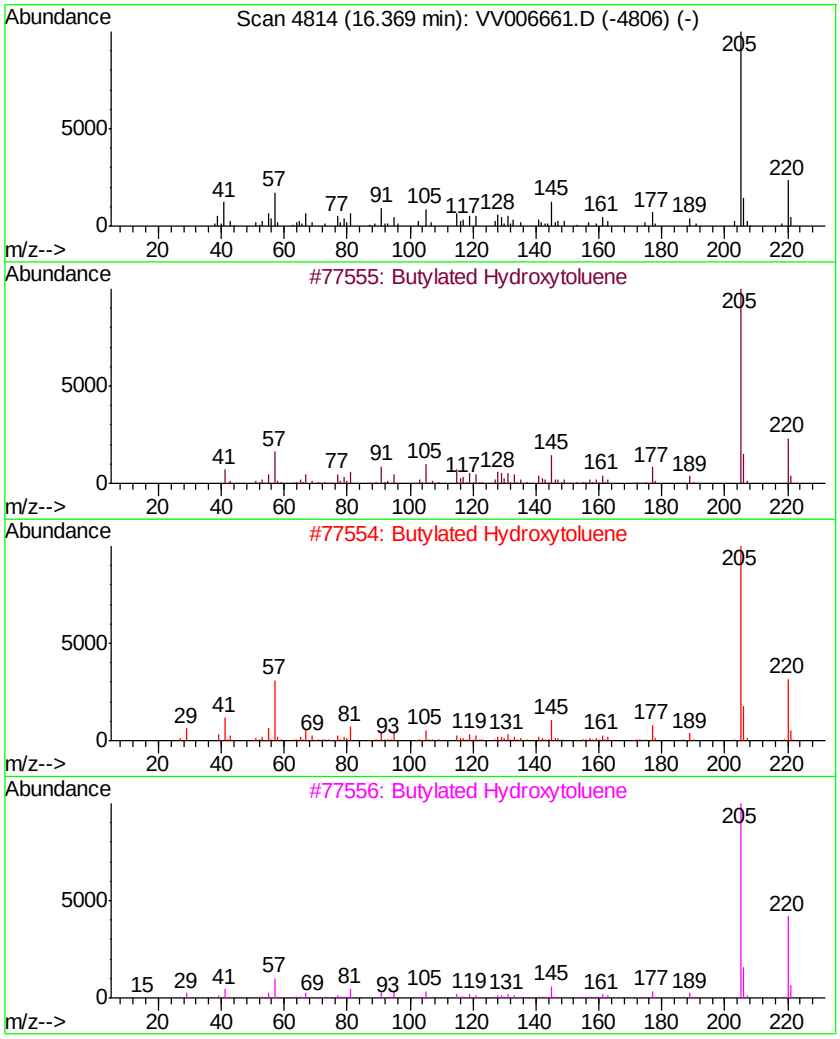
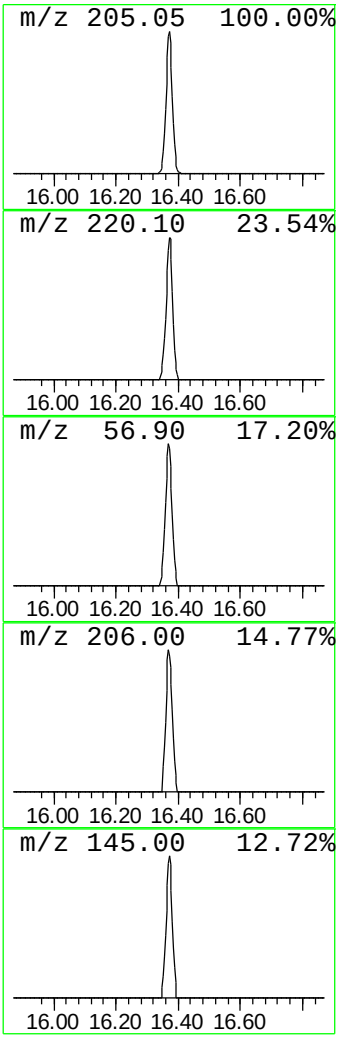
Peak Number 6 Butylated Hydroxytoluene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.37	0.51 ug/L	64584	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	99
2	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	96
3	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	94
4	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	94
5	Phenol, 2,4,6-tris(1-methylethyl)-	220	C15H24O	002934-07-8	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072018\
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Instrument : MSVOA_V
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071918WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Sulfur dioxide	1.23	5.2	ug/L	594164	1	5.67	568775	5.0
Propane, 2-methoxy-	1.90	1.2	ug/L	133613	1	5.67	568775	5.0
(Z),(Z)-2,4-Hexad...	3.18	0.7	ug/L	74219	1	5.67	568775	5.0
Butylated Hydroxy...	16.37	0.5	ug/L	64584	3	11.30	638812	5.0