LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060519\
Data File : VV011236.D
Acq On : 05 Jun 2019 18:09
Operator : SY/MD
Sample : K3197-08
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9P49

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\SOMVTR060419WMA.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	1.116	5	8	20	rVB3	14875	17804	1.63%	0.238%
2	1.312	44	69	98	rBV2	235227	1095300	100.00%	14.647%
3	1.579	146	152	165	rVB	80602	94610	8.64%	1.265%
4	2.126	313	322	333	rVB	186459	262751	23.99%	3.514%
5	2.312	372	380	395	rVB	57468	88901	8.12%	1.189%
6	2.653	477	486	501	rVB	16023	34627	3.16%	0.463%
7	3.981	885	899	942	rBV3	41359	233522	21.32%	3.123%
8	4.399	1011	1029	1059	rVB	106730	271035	24.75%	3.625%
9	5.090	1227	1244	1277	rBV2	274226	659379	60.20%	8.818%
10	5.662	1406	1422	1442	rBV	210309	434073	39.63%	5.805%
11	6.116	1540	1563	1585	rBV	148130	324420	29.62%	4.338%
12	7.029	1835	1847	1866	rBV2	74443	140092	12.79%	1.873%
13	7.357	1936	1949	1967	rBV	325785	566951	51.76%	7.582%
14	7.666	2034	2045	2063	rBV	45098	78765	7.19%	1.053%
15	8.138	2179	2192	2204	rBV	306363	565084	51.59%	7.557%
16	8.286	2230	2238	2250	rVB10	7958	14672	1.34%	0.196%
17	8.894	2416	2427	2450	rBV	313986	525107	47.94%	7.022%
18	9.145	2497	2505	2515	rBV2	13159	19077	1.74%	0.255%
19	9.749	2681	2693	2708	rBV	52492	94102	8.59%	1.258%
20	9.852	2719	2725	2733	rBV8	8157	12230	1.12%	0.164%
21	10.260	2841	2852	2865	rVB2	97644	156041	14.25%	2.087%
22	10.556	2933	2944	2951	rBV9	8021	14083	1.29%	0.188%
23	11.083	3097	3108	3126	rBV	151362	246008	22.46%	3.290%
24	11.292	3162	3173	3193	rVB	301224	483066	44.10%	6.460%
25	11.572	3250	3260	3279	rBV3	27777	57843	5.28%	0.774%
26	11.672	3279	3291	3310	rVB	288186	464019	42.36%	6.205%
27	12.280	3469	3480	3493	rBV	80106	134265	12.26%	1.796%
28	12.392	3506	3515	3527	rVB3	26286	43151	3.94%	0.577%
29	13.678	3903	3915	3925	rBV2	41129	65819	6.01%	0.880%
30	15.167	4369	4378	4386	rBV2	6747	12479	1.14%	0.167%
31	15.614	4507	4517	4525	rBV9	7908	11869	1.08%	0.159%
32	16.234	4697	4710	4726	rBV3	67921	136178	12.43%	1.821%
33	16.363	4740	4750	4764	rVB	78390	120461	11.00%	1.611%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060519\
Data File : VV011236.D
Acq On : 05 Jun 2019 18:09
Operator : SY/MD
Sample : K3197-08
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9P49

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\SOMVTR060419WMA.M
Title : TRACE VOA SOM01.0

Sum of corrected areas: 7477784

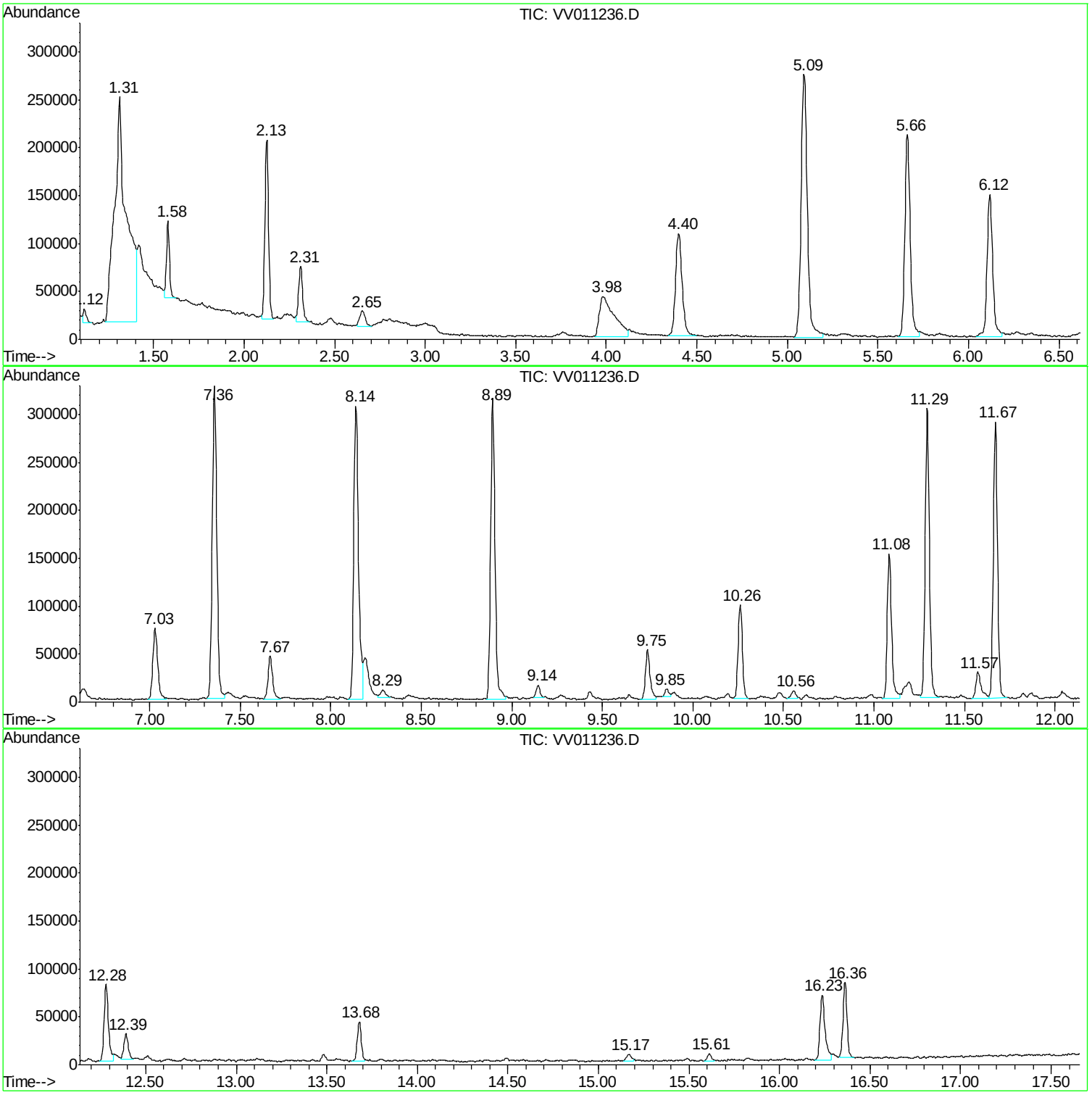
LSC Report - Integrated Chromatogram

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060519\
Data File : VV011236.D
Acq On : 05 Jun 2019 18:09
Operator : SY/MD
Sample : K3197-08
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9P49

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.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\VV060519\
Data File : VV011236.D
Acq On : 05 Jun 2019 18:09
Operator : SY/MD
Sample : K3197-08
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9P49

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0

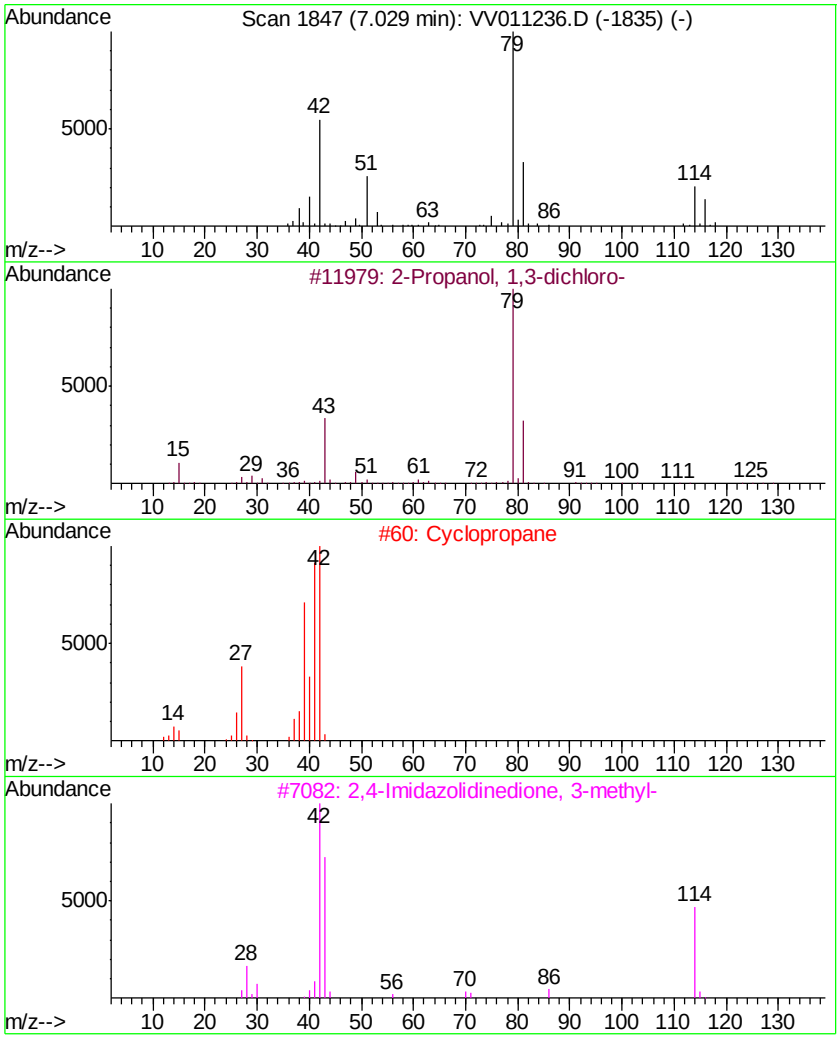
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

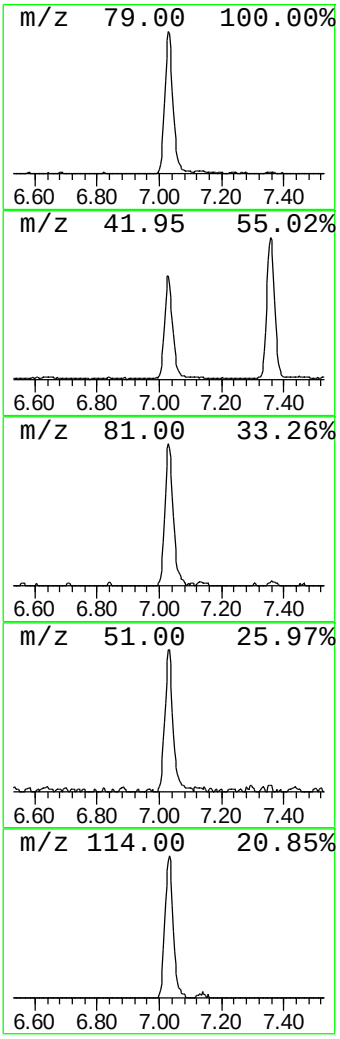
****

Peak Number 1 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.03	1.61 ug/L	140092	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1,3-dichloro-	128	C3H6Cl2O	000096-23-1	12
2	Cyclopropane	42	C3H6	000075-19-4	9
3	2,4-Imidazolidinedione, 3-methyl-	114	C4H6N2O2	006843-45-4	9
4	.alpha.,.alpha.-Dichloromethyl m...	114	C2H4Cl2O	004885-02-3	9
5	2-Propanol, 1,3-dichloro-	128	C3H6Cl2O	000096-23-1	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060519\
Data File : VV011236.D
Acq On : 05 Jun 2019 18:09
Operator : SY/MD
Sample : K3197-08
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9P49

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0

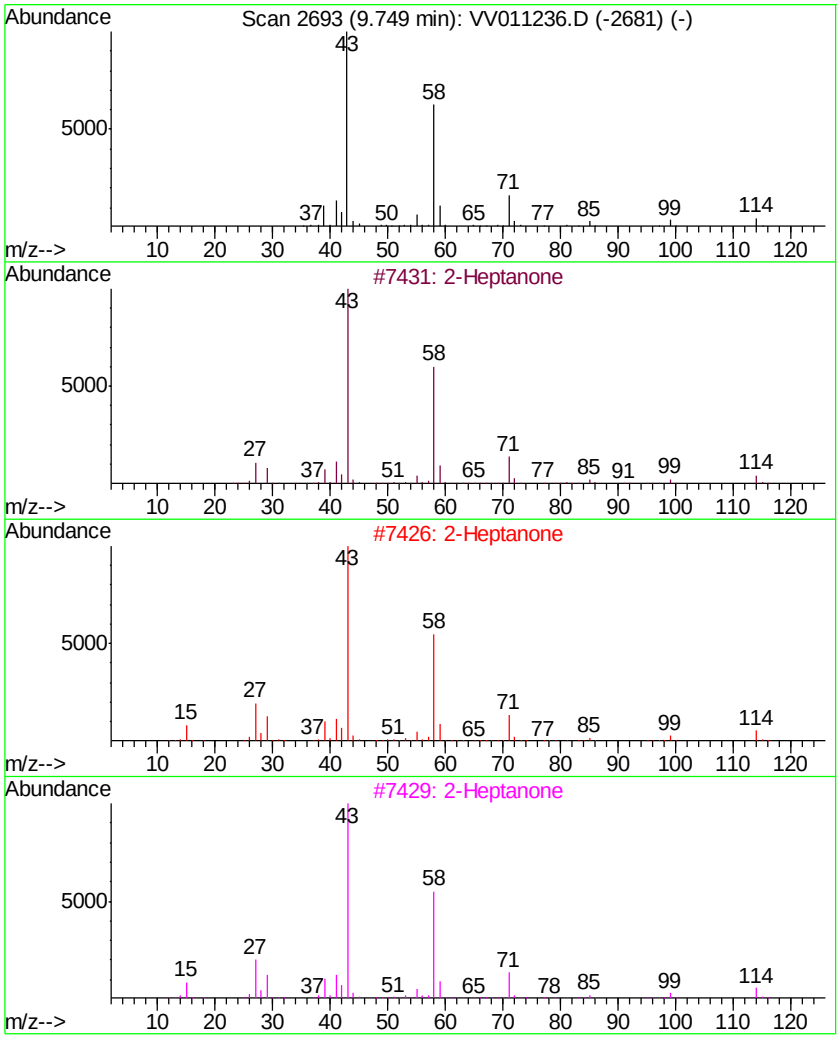
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

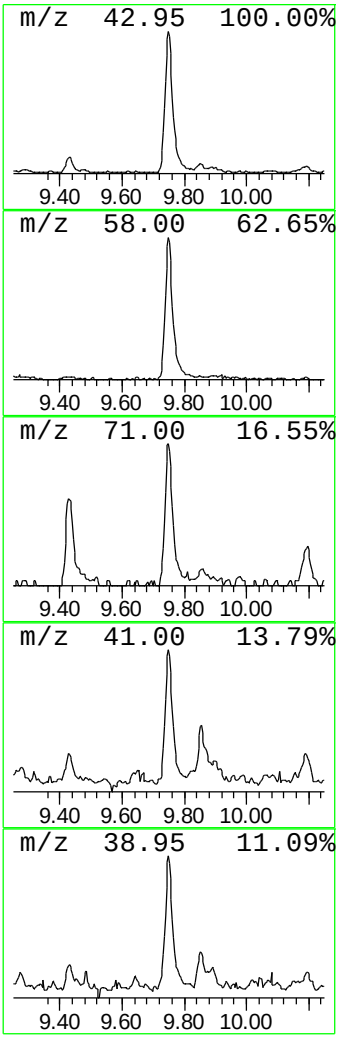
****

Peak Number 2 2-Heptanone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.75	0.90 ug/L	94102	Chlorobenzene-d5	8.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptanone	114	C7H14O	000110-43-0	91
2	2-Heptanone	114	C7H14O	000110-43-0	90
3	2-Heptanone	114	C7H14O	000110-43-0	90
4	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	86
5	2-Heptanone	114	C7H14O	000110-43-0	78





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060519\
Data File : VV011236.D
Acq On : 05 Jun 2019 18:09
Operator : SY/MD
Sample : K3197-08
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9P49

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0

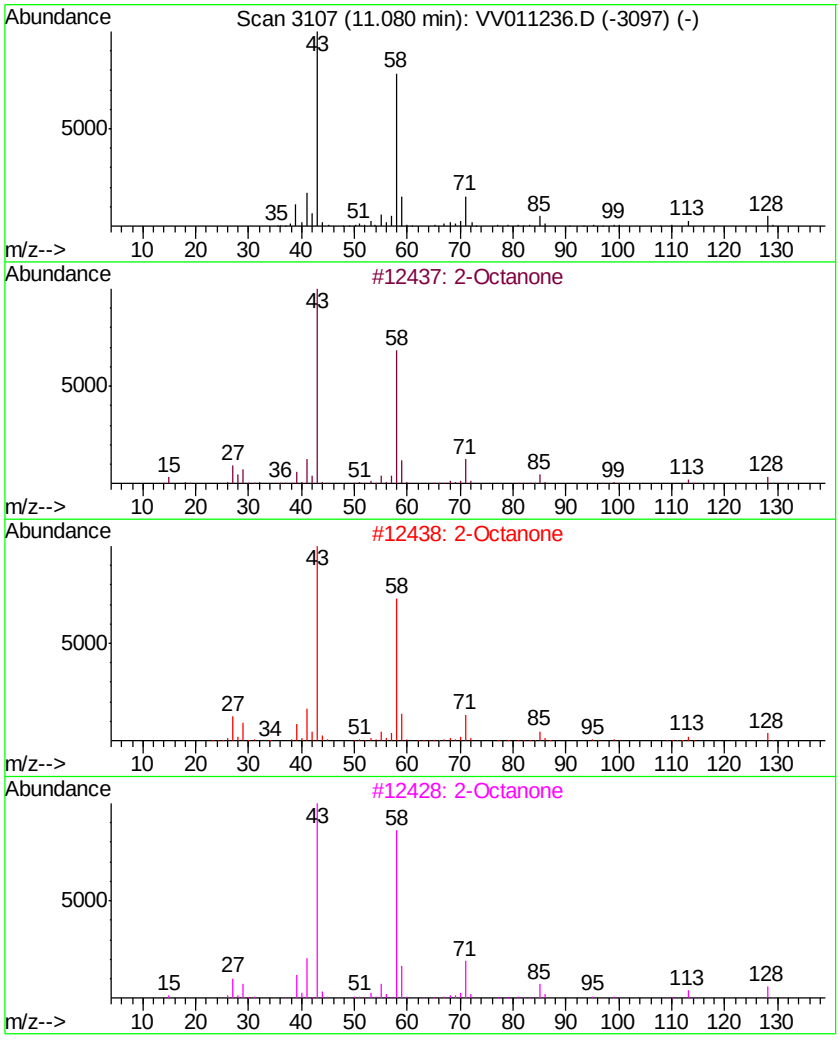
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

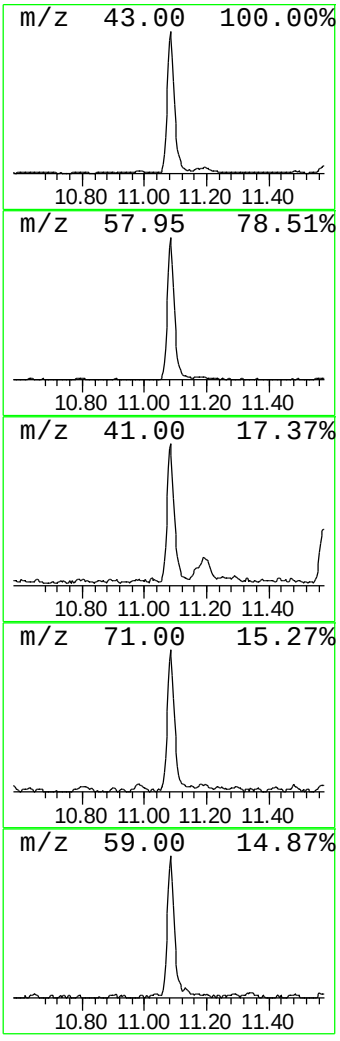
****

Peak Number 3 2-Octanone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.08	2.55 ug/L	246008	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octanone	128	C8H16O	000111-13-7	94
2	2-Octanone	128	C8H16O	000111-13-7	94
3	2-Octanone	128	C8H16O	000111-13-7	94
4	2-Octanone	128	C8H16O	000111-13-7	91
5	2-Octanone	128	C8H16O	000111-13-7	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060519\
Data File : VV011236.D
Acq On : 05 Jun 2019 18:09
Operator : SY/MD
Sample : K3197-08
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9P49

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0

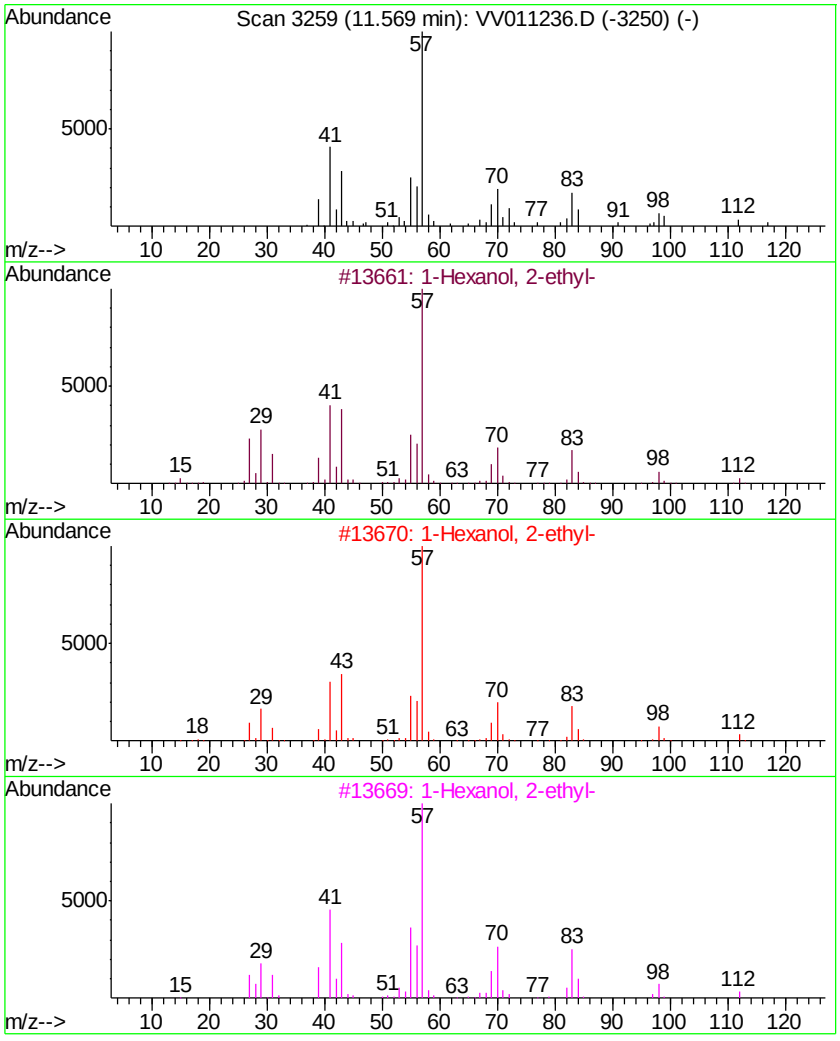
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

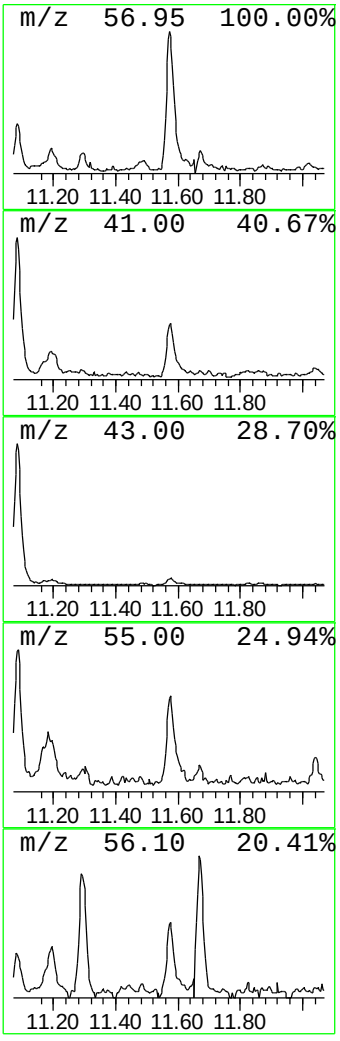
****

Peak Number 4 1-Hexanol, 2-ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	0.60 ug/L	57843	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	59
4	Heptyl isobutyl carbonate	216	C12H24O3	959068-08-7	47
5	2-Ethyl-1-hexanol, methyl ether	144	C9H20O	1000365-10-2	47





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060519\
Data File : VV011236.D
Acq On : 05 Jun 2019 18:09
Operator : SY/MD
Sample : K3197-08
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9P49

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0

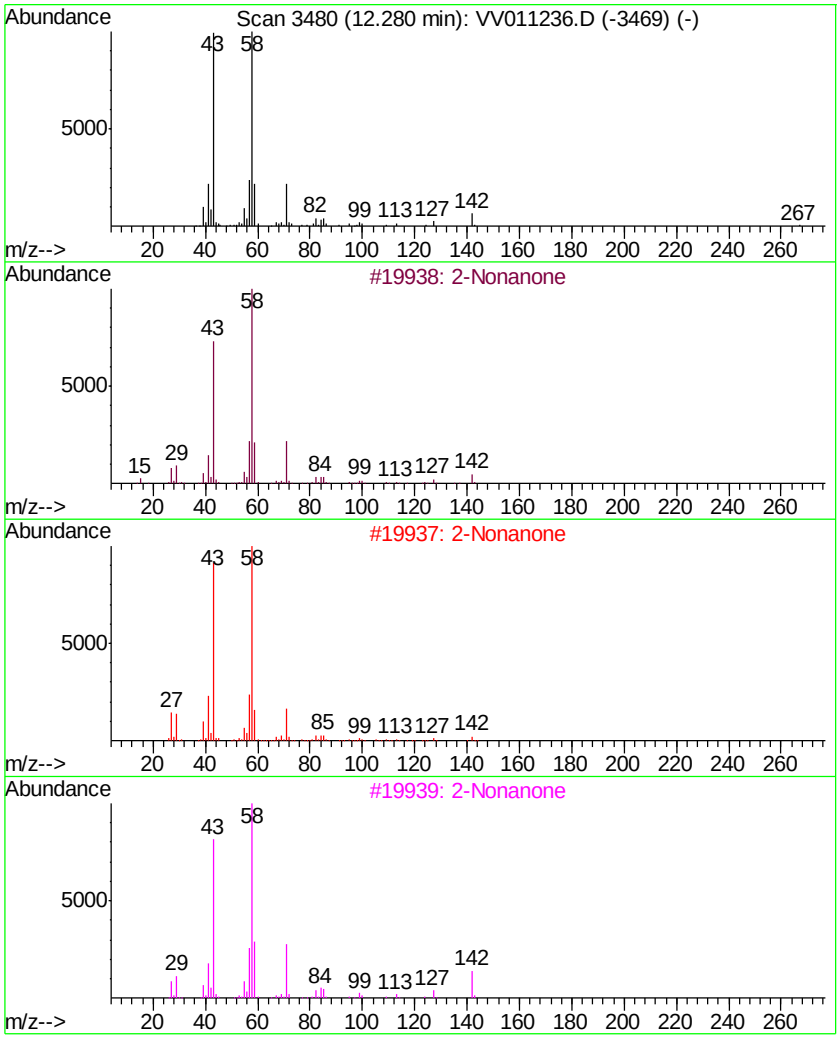
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

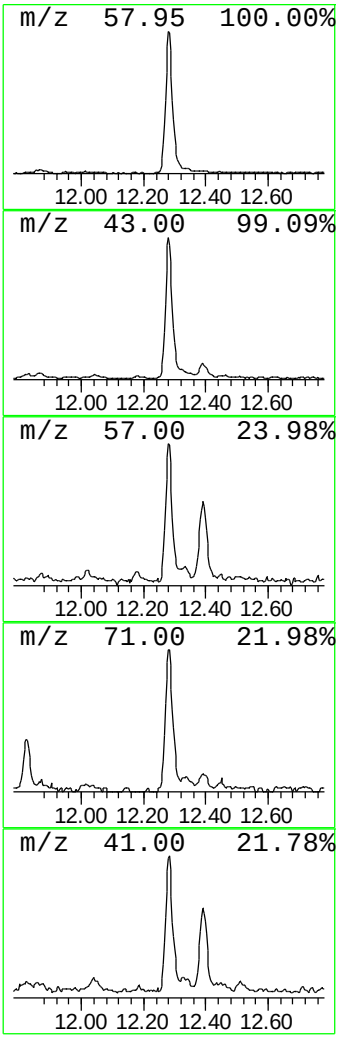
****

Peak Number 5 2-Nonanone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.28	1.39 ug/L	134265	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Nonanone	142	C9H18O	000821-55-6	94
2	2-Nonanone	142	C9H18O	000821-55-6	90
3	2-Nonanone	142	C9H18O	000821-55-6	90
4	2-Nonanone	142	C9H18O	000821-55-6	90
5	2-Octanone	128	C8H16O	000111-13-7	72





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060519\
Data File : VV011236.D
Acq On : 05 Jun 2019 18:09
Operator : SY/MD
Sample : K3197-08
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9P49

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0

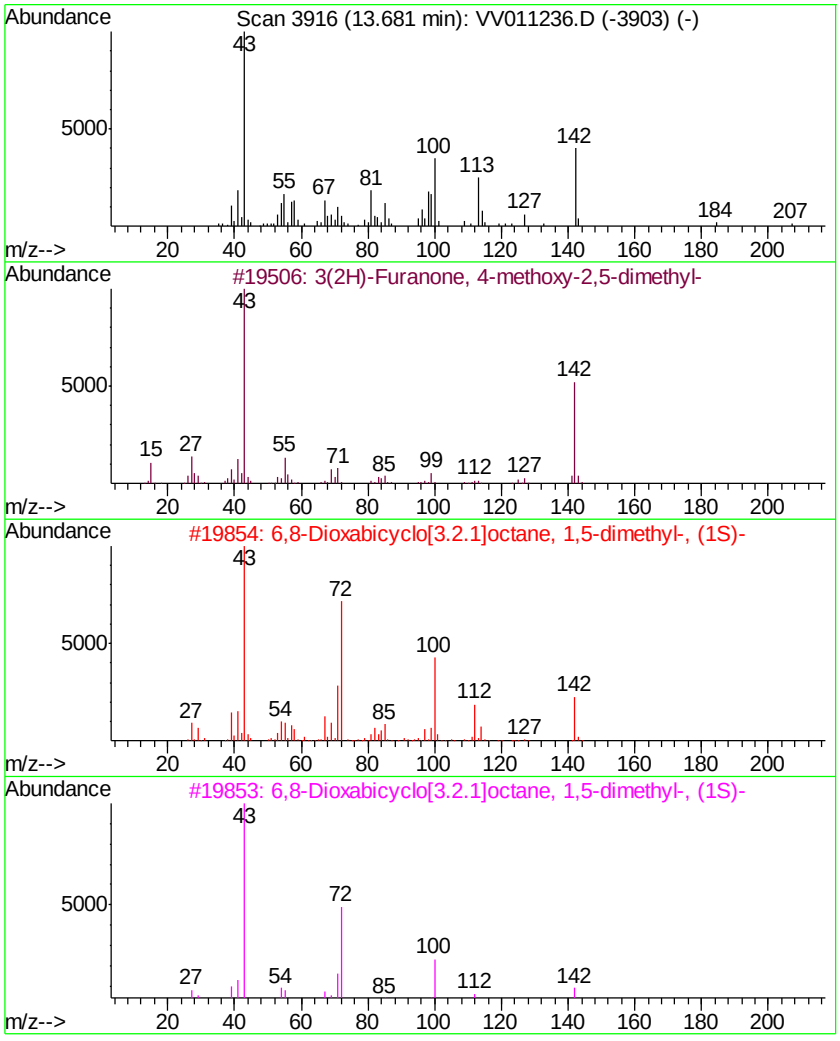
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

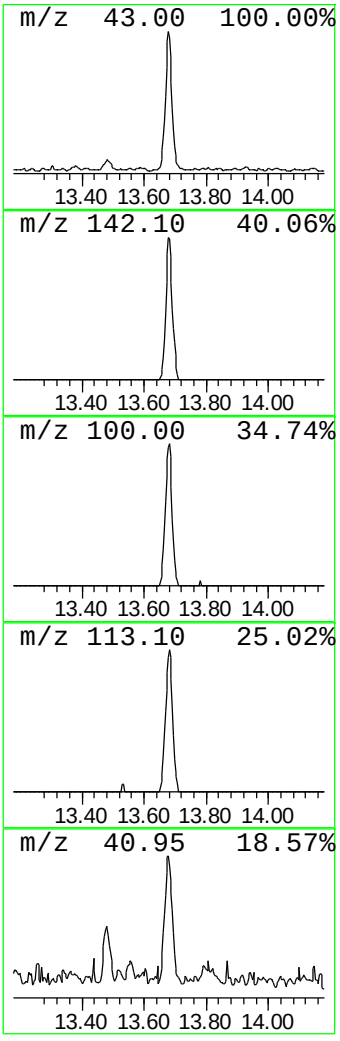
****

Peak Number 6 unknown-02 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.68	0.68 ug/L	65819	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3(2H)-Furanone, 4-methoxy-2,5-di...	142	C7H10O3	004077-47-8	43
2	6,8-Dioxabicyclo[3.2.1]octane, 1...	142	C8H14O2	028401-39-0	38
3	6,8-Dioxabicyclo[3.2.1]octane, 1...	142	C8H14O2	028401-39-0	32
4	4H-Pyran-4-one, 5-(acetyloxy)-2-...	226	C10H10O6	026209-93-8	27
5	Alloxan	142	C4H2N2O4	000050-71-5	16





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060519\
Data File : VV011236.D
Acq On : 05 Jun 2019 18:09
Operator : SY/MD
Sample : K3197-08
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9P49

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0

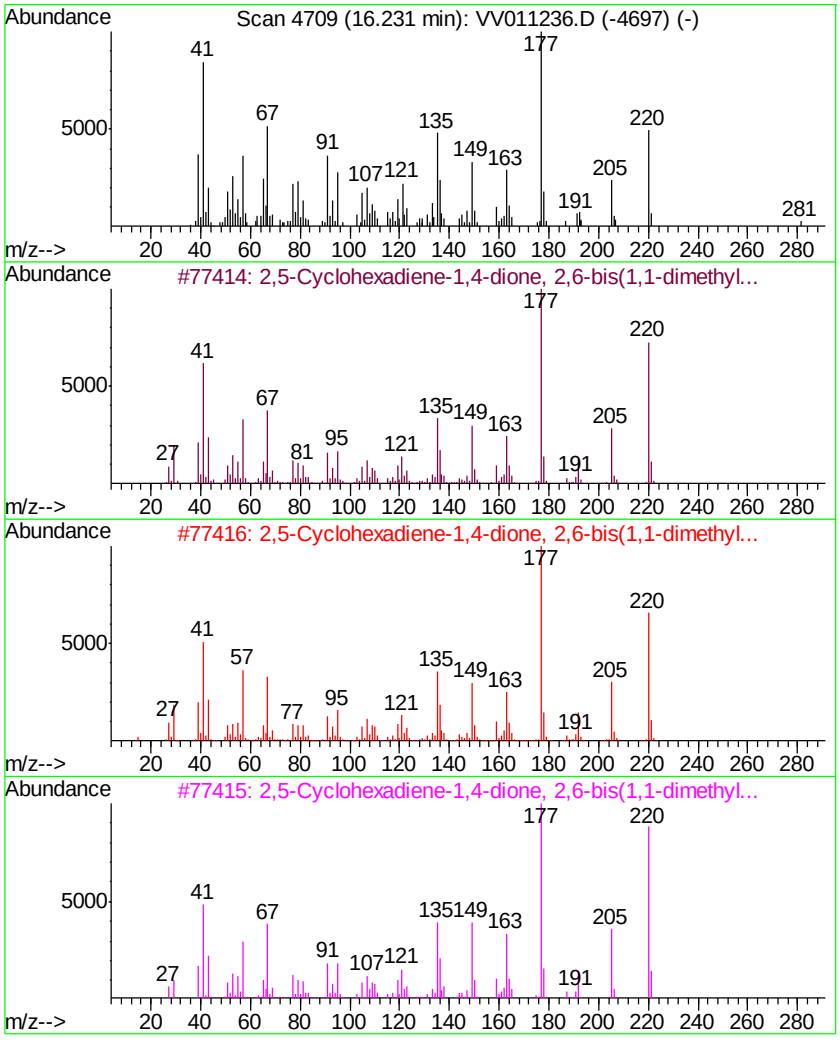
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

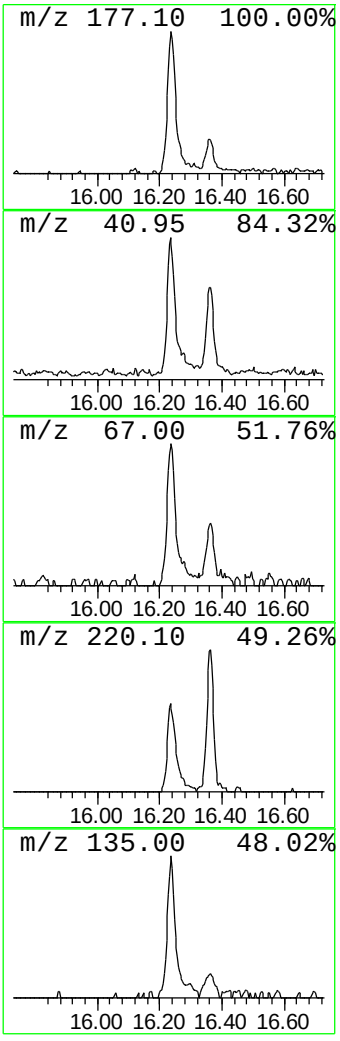
****

Peak Number 7 2,5-Cyclohexadiene-1,4-dion... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.23	1.41 ug/L	136178	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Cyclohexadiene-1,4-dione, 2,...	220	C14H20O2	000719-22-2	96
2	2,5-Cyclohexadiene-1,4-dione, 2,...	220	C14H20O2	000719-22-2	93
3	2,5-Cyclohexadiene-1,4-dione, 2,...	220	C14H20O2	000719-22-2	72
4	Propanamine, 2-(1-adamantyl)-2-m...	207	C14H25N	079594-24-4	38
5	2,3-Dimethoxyphenylacetonitrile	177	C10H11NO2	004468-57-9	35





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060519\
Data File : VV011236.D
Acq On : 05 Jun 2019 18:09
Operator : SY/MD
Sample : K3197-08
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9P49

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0

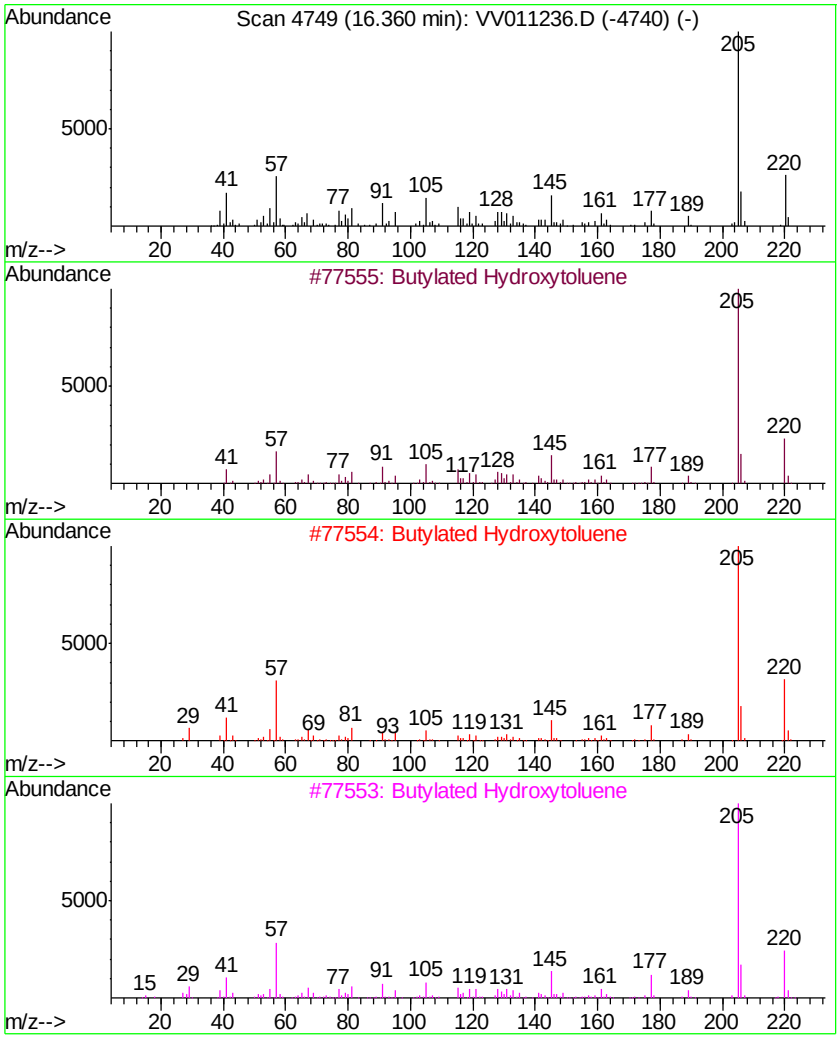
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

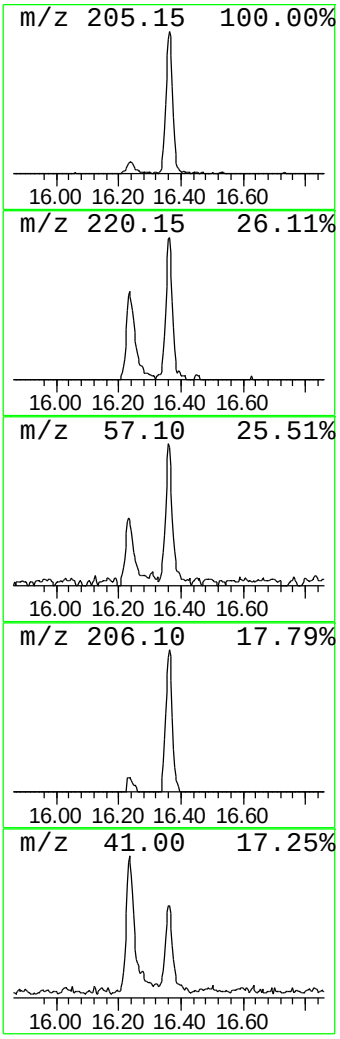
****

Peak Number 8 Butylated Hydroxytoluene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.36	1.25 ug/L	120461	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	98
2	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	95
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	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060519\
Data File : VV011236.D
Acq On : 05 Jun 2019 18:09
Operator : SY/MD
Sample : K3197-08
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9P49

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.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
unknown-01	7.03	1.6	ug/L	140092	1	5.66	434073	5.0
2-Heptanone	9.75	0.9	ug/L	94102	2	8.89	525107	5.0
2-Octanone	11.08	2.5	ug/L	246008	3	11.30	483066	5.0
1-Hexanol, 2-ethyl-	11.57	0.6	ug/L	57843	3	11.30	483066	5.0
2-Nonanone	12.28	1.4	ug/L	134265	3	11.30	483066	5.0
unknown-02	13.68	0.7	ug/L	65819	3	11.30	483066	5.0
2,5-Cyclohexadien...	16.23	1.4	ug/L	136178	3	11.30	483066	5.0
Butylated Hydroxy...	16.36	1.3	ug/L	120461	3	11.30	483066	5.0