

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060619\
 Data File : VV011292.D
 Acq On : 07 Jun 2019 17:10
 Operator : SY/MD
 Sample : K3197-12
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9P56

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.1

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

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	1.222	37	41	44	rBV2	9701	7244	1.24%	0.118%
2	1.270	44	56	59	rBV	55987	110020	18.76%	1.785%
3	1.312	65	69	90	rVB	97554	129774	22.13%	2.105%
4	1.579	146	152	160	rVB	67640	75055	12.80%	1.218%
5	2.123	312	321	333	rVB	148139	201904	34.43%	3.275%
6	2.309	370	379	390	rBV	411156	586361	100.00%	9.512%
7	3.762	815	831	844	rBV5	10861	32170	5.49%	0.522%
8	3.978	879	898	923	rBV	38101	180012	30.70%	2.920%
9	4.399	1010	1029	1047	rBV	96823	234747	40.03%	3.808%
10	5.090	1226	1244	1275	rBV2	239409	572340	97.61%	9.285%
11	5.659	1407	1421	1440	rBV	202010	404250	68.94%	6.558%
12	6.116	1540	1563	1587	rBV	133237	292307	49.85%	4.742%
13	6.634	1711	1724	1743	rVB3	36233	78689	13.42%	1.277%
14	7.029	1836	1847	1860	rBV2	58545	105976	18.07%	1.719%
15	7.357	1936	1949	1965	rBV	272163	466943	79.63%	7.575%
16	7.431	1965	1972	1981	rVB10	4284	7078	1.21%	0.115%
17	7.666	2033	2045	2058	rBV	34310	60792	10.37%	0.986%
18	8.138	2180	2192	2205	rBV	276993	523830	89.34%	8.498%
19	8.289	2232	2239	2248	rVB8	9779	15928	2.72%	0.258%
20	8.431	2272	2283	2289	rBV8	3356	6893	1.18%	0.112%
21	8.894	2414	2427	2452	rBV	296006	492983	84.07%	7.997%
22	9.145	2493	2505	2514	rBV2	36469	59596	10.16%	0.967%
23	9.431	2587	2594	2604	rBV2	4632	8684	1.48%	0.141%
24	9.752	2681	2694	2704	rBV2	18304	35286	6.02%	0.572%
25	9.855	2717	2726	2734	rBV8	9569	16356	2.79%	0.265%
26	10.190	2822	2830	2840	rVB9	4198	7705	1.31%	0.125%
27	10.260	2840	2852	2864	rBV	89790	142201	24.25%	2.307%
28	10.479	2911	2920	2928	rBV3	7413	13681	2.33%	0.222%
29	10.553	2936	2943	2954	rVB7	7195	12065	2.06%	0.196%
30	11.087	3099	3109	3123	rBV	22477	40912	6.98%	0.664%
31	11.196	3131	3143	3155	rVB9	16912	29109	4.96%	0.472%
32	11.293	3162	3173	3189	rBV	266665	421663	71.91%	6.840%
33	11.576	3247	3261	3278	rBV	37330	75923	12.95%	1.232%
34	11.669	3279	3290	3307	rVB	241471	395970	67.53%	6.423%

LSC Area Percent Report

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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

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Title : TRACE VOA SOM01.0

35	12.042	3395	3406	3415	rBV	4165	8059	1.37%	0.131%
36	12.280	3471	3480	3490	rBV2	26604	47525	8.11%	0.771%
37	12.389	3506	3514	3529	rBV2	32119	51440	8.77%	0.834%
38	13.482	3843	3854	3862	rBV8	10367	17481	2.98%	0.284%
39	13.678	3909	3915	3924	rVB5	12578	17974	3.07%	0.292%
40	15.164	4369	4377	4389	rBV5	10026	18407	3.14%	0.299%
41	16.235	4701	4710	4722	rBV7	25756	43953	7.50%	0.713%
42	16.363	4737	4750	4760	rBV2	73704	115129	19.63%	1.868%

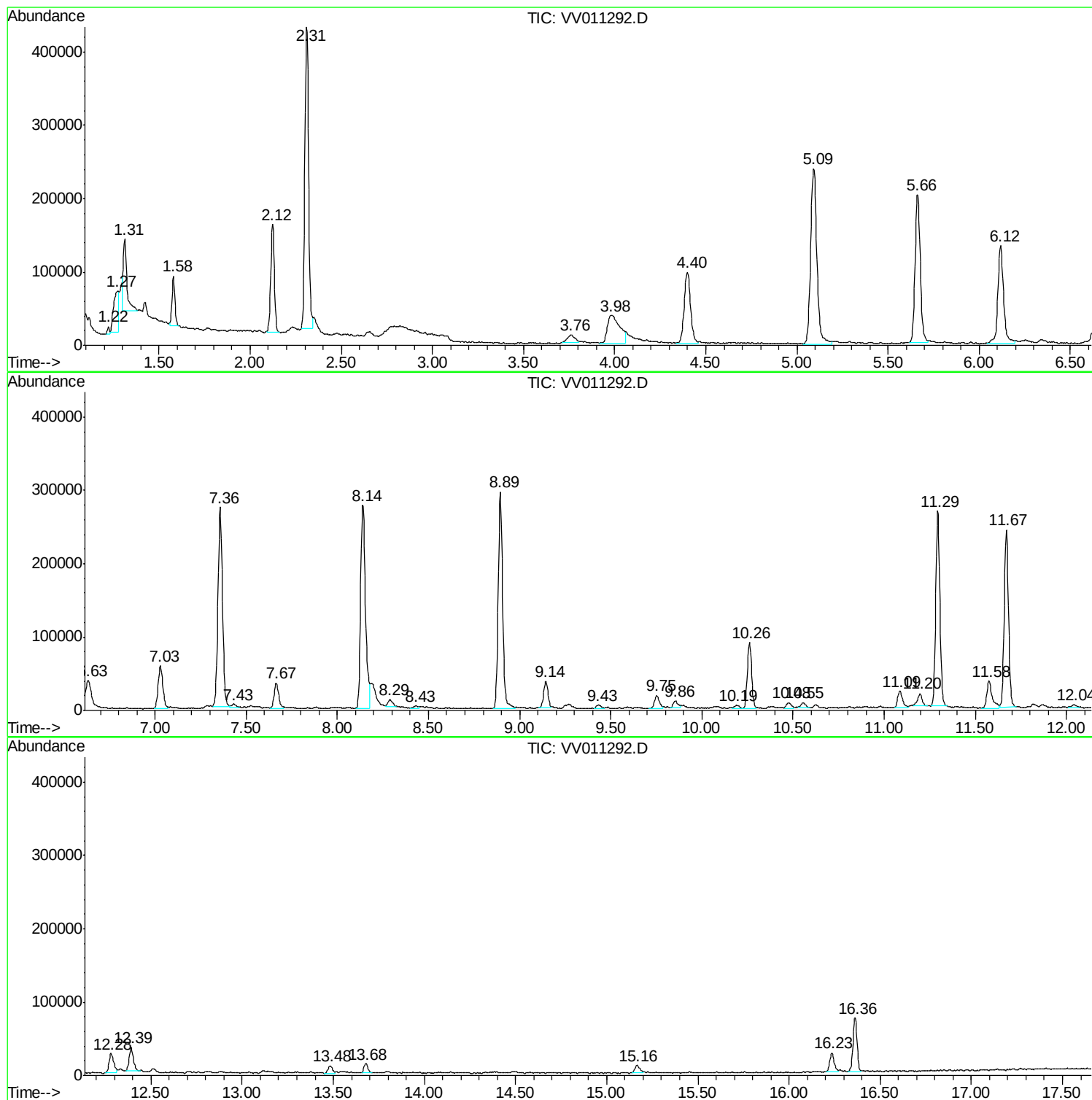
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0

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



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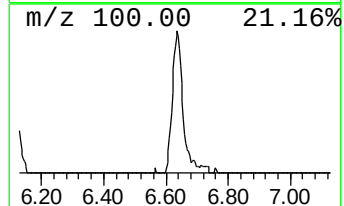
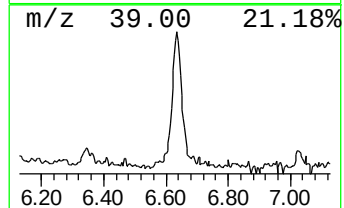
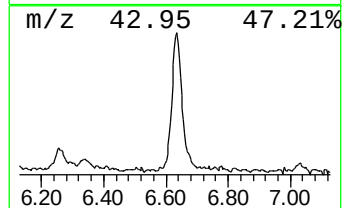
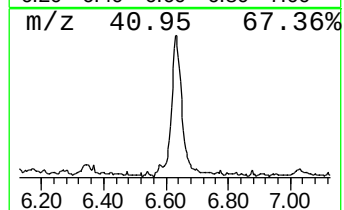
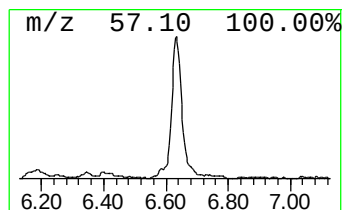
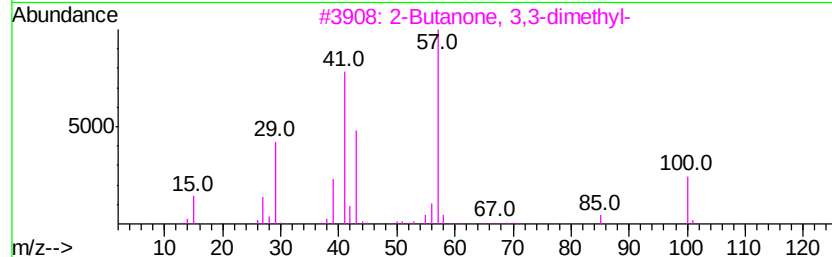
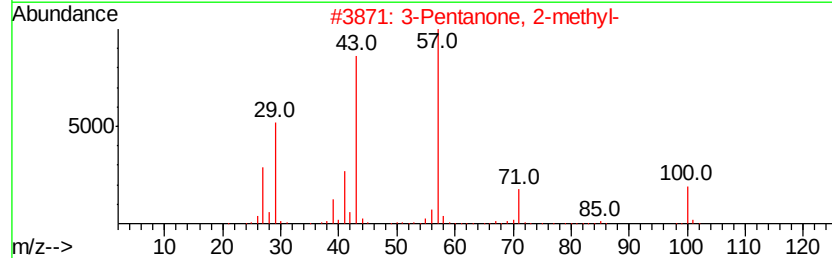
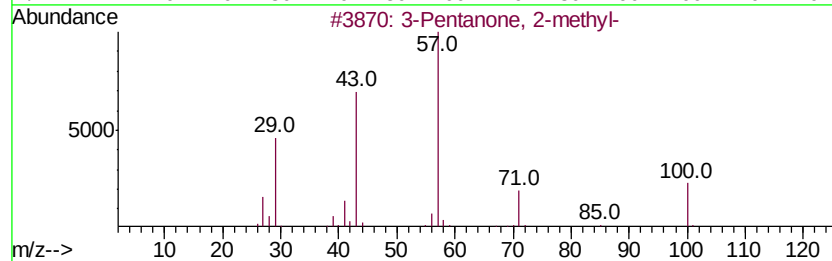
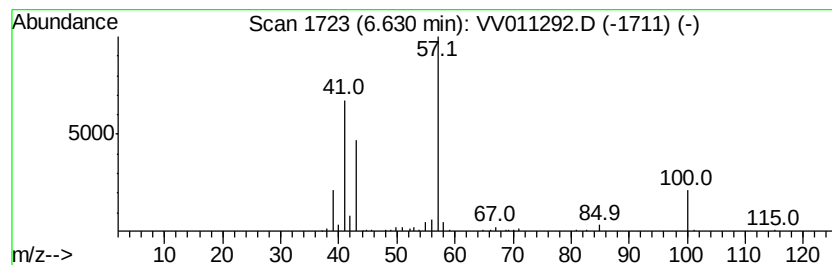
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 1 3-Pentanone, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	0.97 ug/L	78689	1,4-Difluorobenzene	5.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Pentanone, 2-methyl-	100	C6H12O	000565-69-5	64
2		3-Pentanone, 2-methyl-	100	C6H12O	000565-69-5	59
3		2-Butanone, 3,3-dimethyl-	100	C6H12O	000075-97-8	53
4		2-Butanone, 3,3-dimethyl-	100	C6H12O	000075-97-8	50
5		3-Hexanone	100	C6H12O	000589-38-8	43



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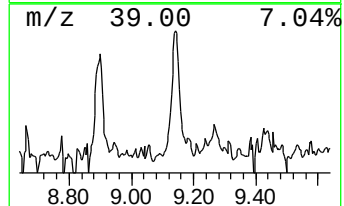
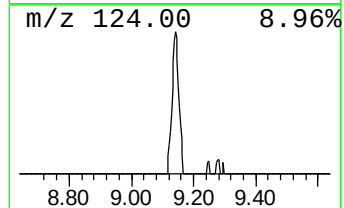
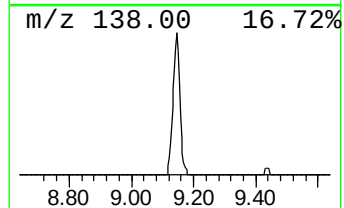
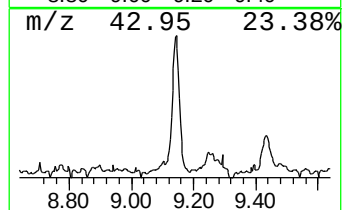
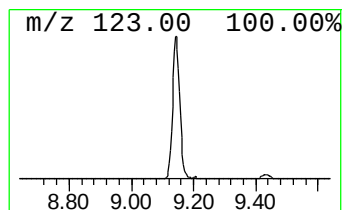
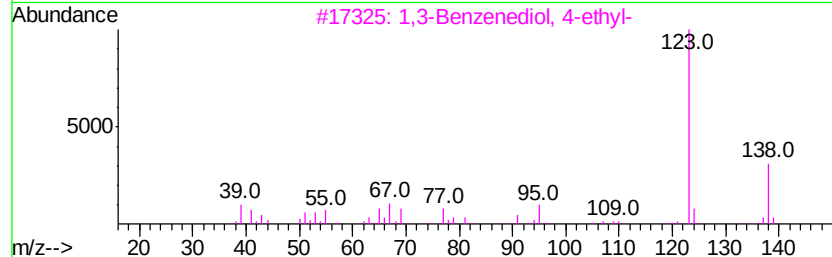
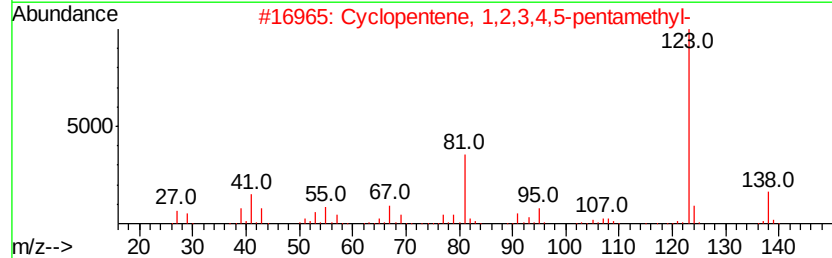
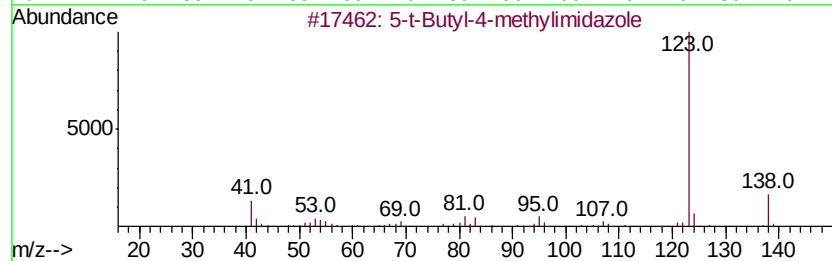
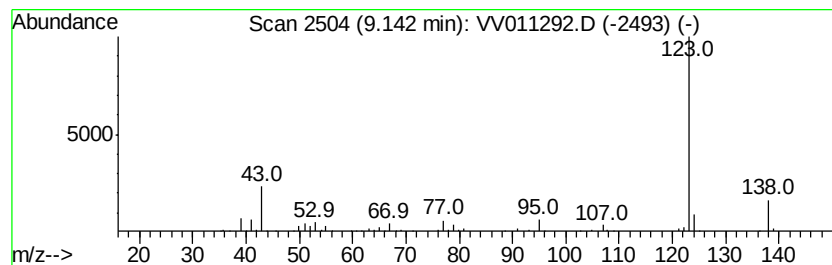
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 3 5-t-Butyl-4-methylimidazole Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.14	0.60 ug/L	59596	Chlorobenzene-d5	8.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5-t-Butyl-4-methylimidazole	138	C8H14N2	146979-50-2	91
2			Cyclopentene, 1,2,3,4,5-pentamethyl-	138	C10H18	1000154-28-6	86
3			1,3-Benzenediol, 4-ethyl-	138	C8H10O2	002896-60-8	86
4			1,4-Benzenediol, mono-tetradecyl-	306	C20H34O2	013224-40-3	72
5			1,3-Benzenediol, 4-ethyl-	138	C8H10O2	002896-60-8	72



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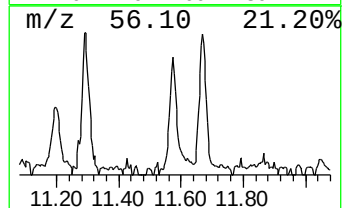
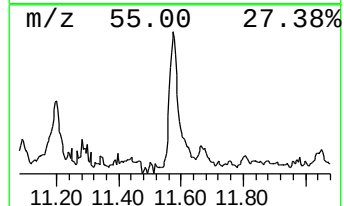
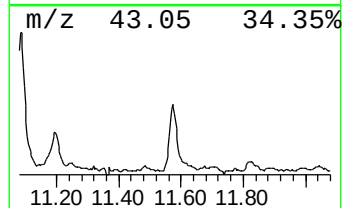
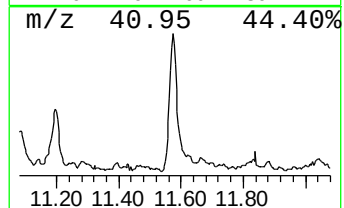
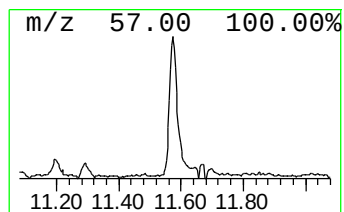
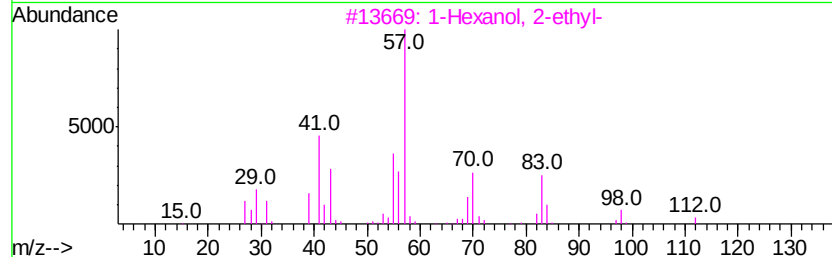
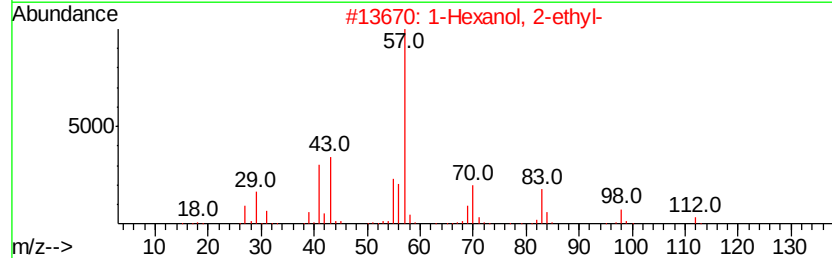
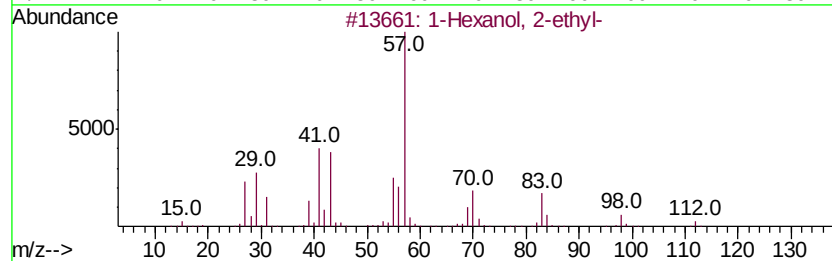
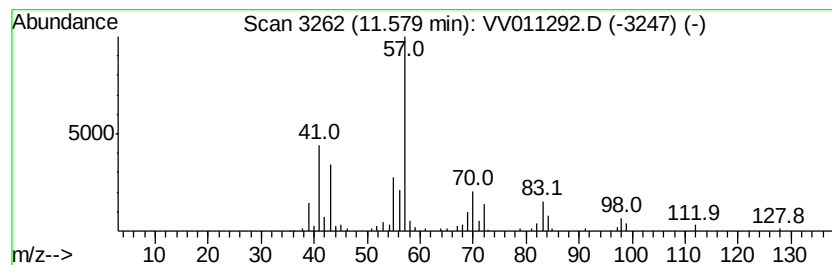
Instrument :
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ClientSampled :
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.58	0.90 ug/L	75923	1,4-Dichlorobenzene-d4	11.29
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	64
4	Heptane, 1,1'-oxybis-	214 C14H30O	000629-64-1	59
5	1-Pentanol, 2-ethyl-4-methyl-	130 C8H18O	000106-67-2	53



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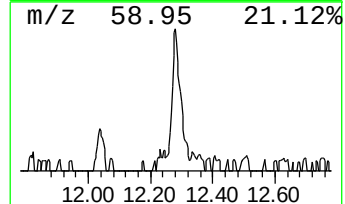
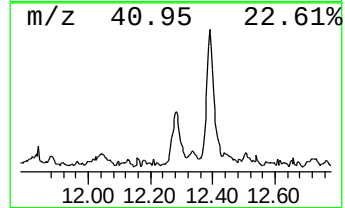
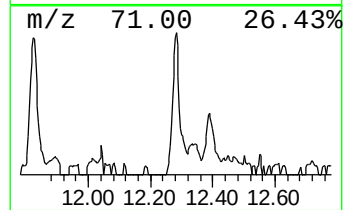
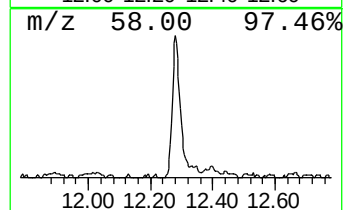
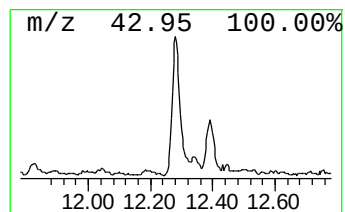
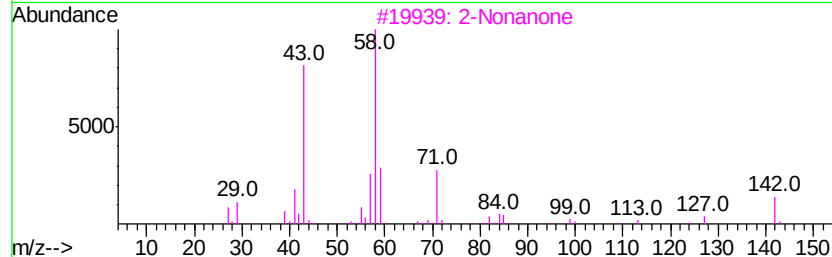
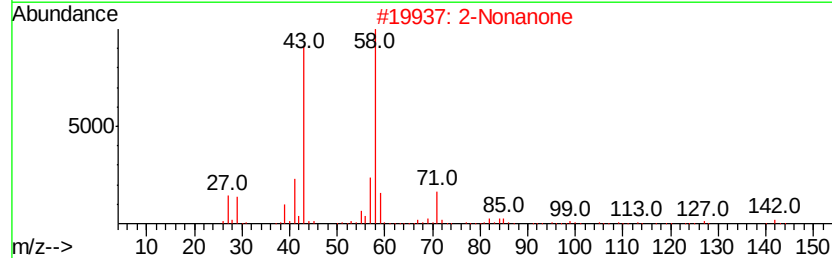
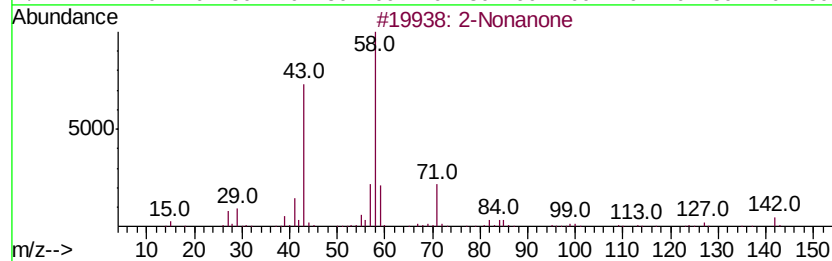
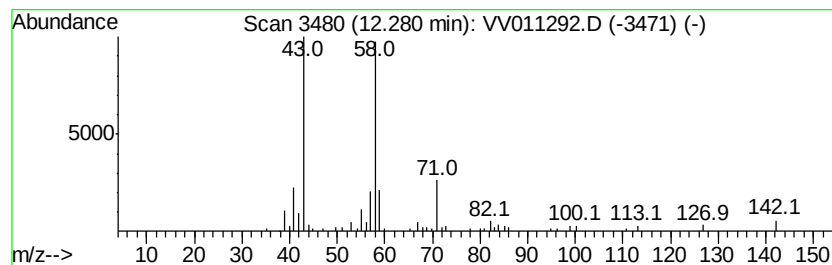
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 2-Nonanone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.28	0.56 ug/L	47525	1,4-Dichlorobenzene-d4	11.29

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Nonanone		142	C9H18O	000821-55-6	80
2	2-Nonanone		142	C9H18O	000821-55-6	72
3	2-Nonanone		142	C9H18O	000821-55-6	64
4	Pentanal, 2-methyl-		100	C6H12O	000123-15-9	58
5	2-Octanone		128	C8H16O	000111-13-7	56



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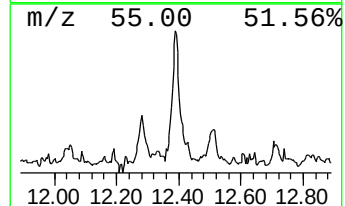
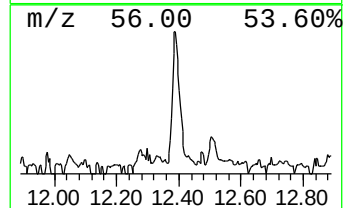
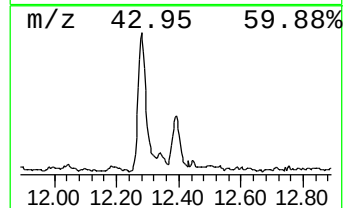
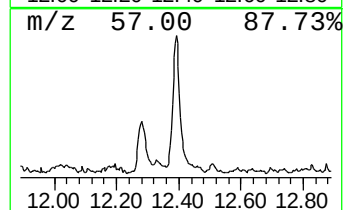
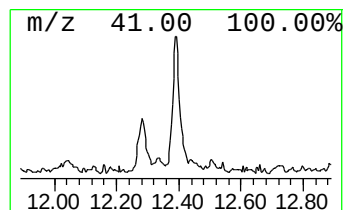
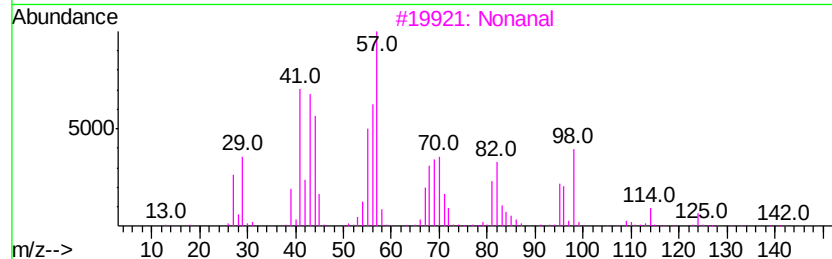
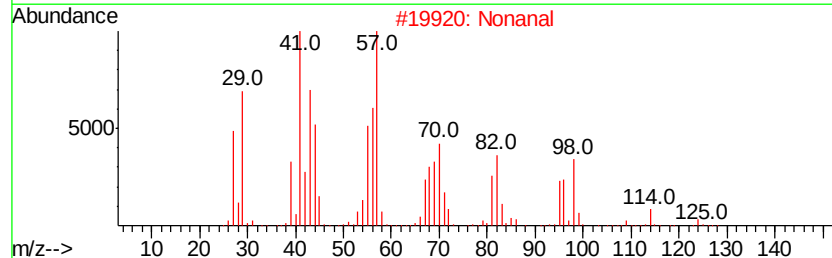
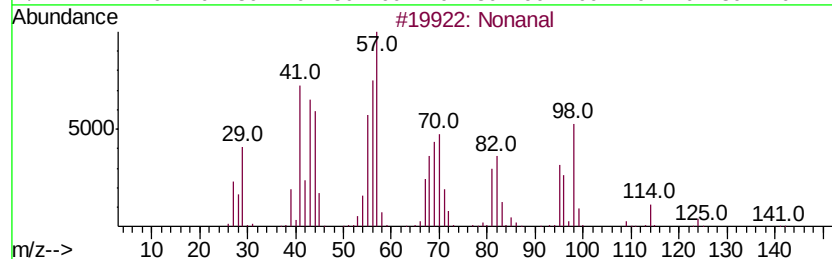
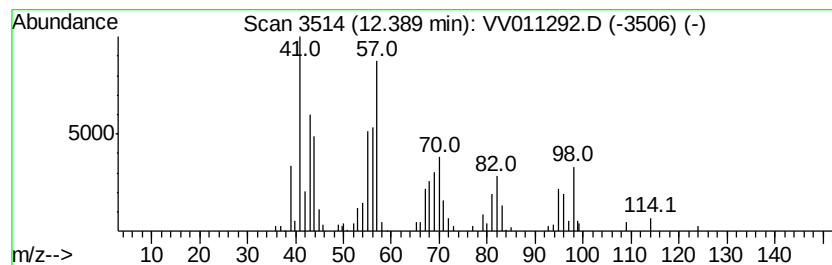
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 6 Nonanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.39	0.61 ug/L	51440	1,4-Dichlorobenzene-d4	11.29

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanal		142	C9H18O	000124-19-6	91
2	Nonanal		142	C9H18O	000124-19-6	91
3	Nonanal		142	C9H18O	000124-19-6	91
4	Nonanal		142	C9H18O	000124-19-6	90
5	Cycloheptane		98	C7H14	000291-64-5	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV060619\
Data File : VV011292.D
Acq On : 07 Jun 2019 17:10
Operator : SY/MD
Sample : K3197-12
Misc : 25ML/MSVOA V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampled :
F9P56

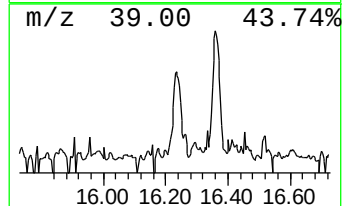
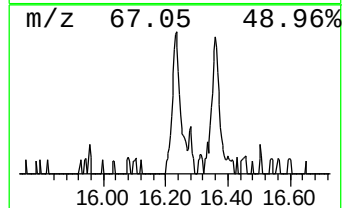
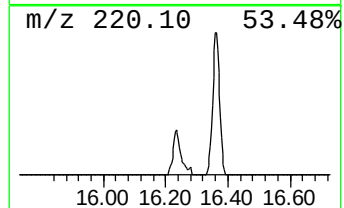
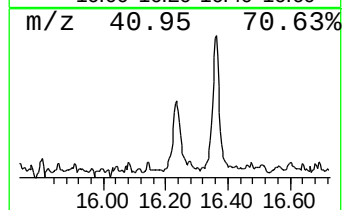
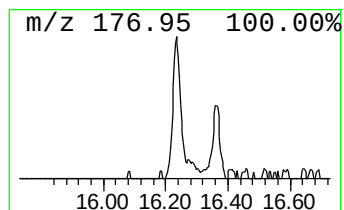
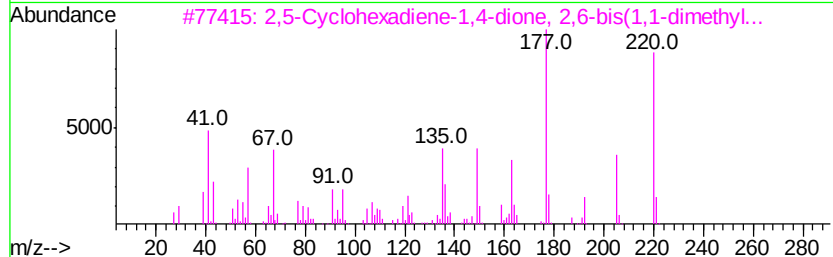
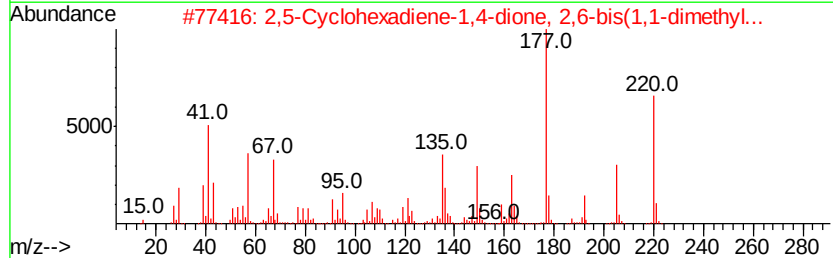
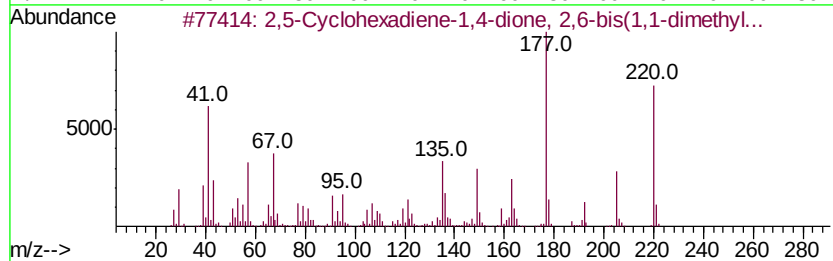
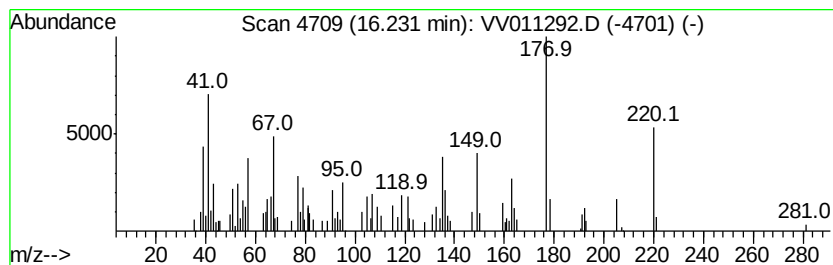
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 7 2,5-Cyclohexadiene-1,4-dione... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.23	0.52 ug/L	43953	1,4-Dichlorobenzene-d4	11.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,5-Cyclohexadiene-1,4-dione, 2,...	220	C14H20O2	000719-22-2	95
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	90
4		Octamethyl-1,4-cyclohexadiene	192	C14H24	172684-93-4	38
5		2H-1-Benzopyran, 3,5,6,8a-tetra...	192	C13H20O	041678-29-9	30



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV060619\
Data File : VV011292.D
Acq On : 07 Jun 2019 17:10
Operator : SY/MD
Sample : K3197-12
Misc : 25ML/MSVOA V/WATER
ALS Vial : 1 Sample Multiplier: 1

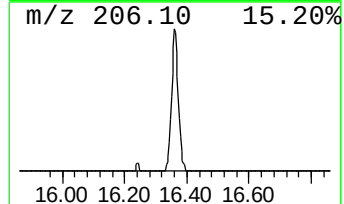
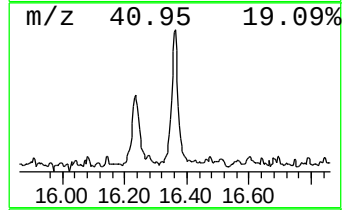
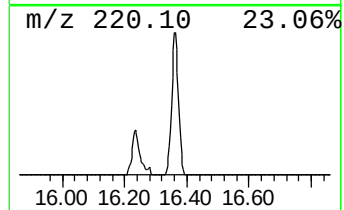
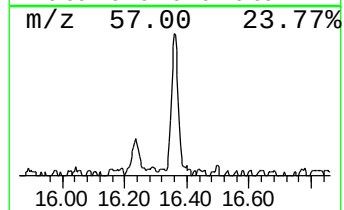
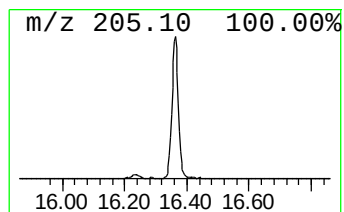
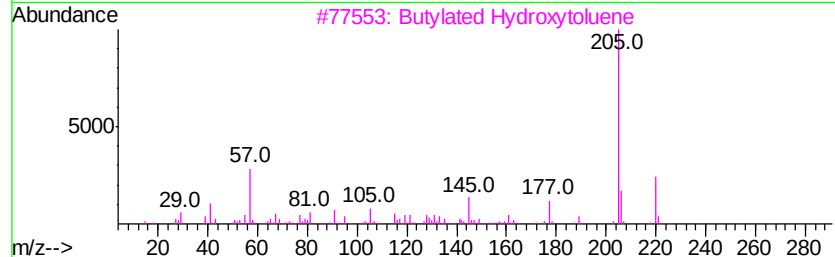
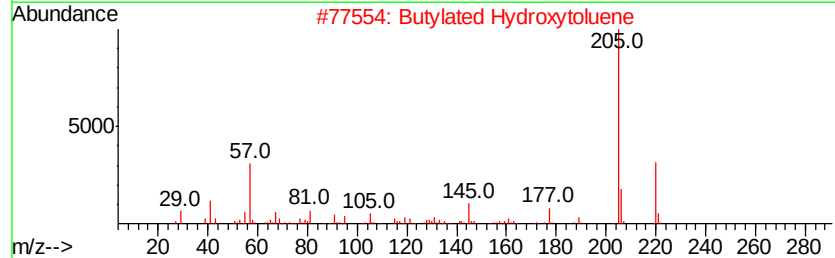
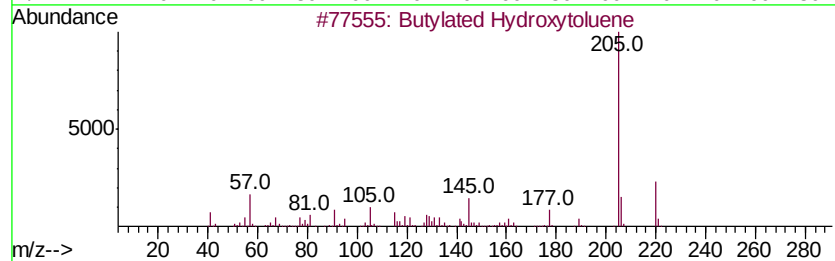
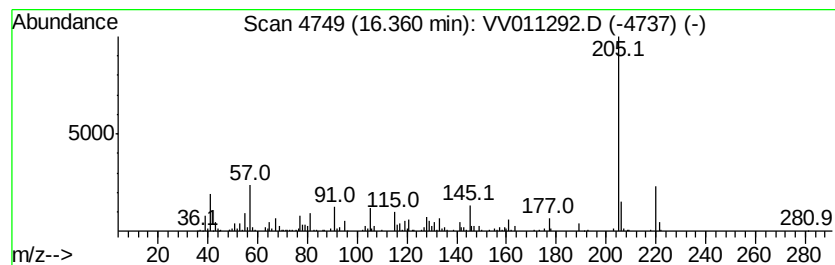
Instrument :
MSVOA_V
ClientSampleId :
F9P56

Quant Method : Z:\V0ASRV\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 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.36	1.37 ug/L	115129	1,4-Dichlorobenzene-d4	11.29
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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060619\
Data File : VV011292.D
Acq On : 07 Jun 2019 17:10
Operator : SY/MD
Sample : K3197-12
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9P56

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
3-Pentanone, 2-me...	6.63	1.0	ug/L	78689	1	5.66	404250	5.0
5-t-Butyl-4-methy...	9.14	0.6	ug/L	59596	2	8.89	492983	5.0
1-Hexanol, 2-ethyl-	11.58	0.9	ug/L	75923	3	11.29	421663	5.0
2-Nonanone	12.28	0.6	ug/L	47525	3	11.29	421663	5.0
Nonanal	12.39	0.6	ug/L	51440	3	11.29	421663	5.0
2,5-Cyclohexadien...	16.23	0.5	ug/L	43953	3	11.29	421663	5.0
Butylated Hydroxy...	16.36	1.4	ug/L	115129	3	11.29	421663	5.0