

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061019\
 Data File : VV011349.D
 Acq On : 10 Jun 2019 14:42
 Operator : SY/MD
 Sample : K3197-14
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9P58

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	1.219	37	40	44	rVB2	9894	7227	1.33%	0.127%
2	1.309	60	68	78	rVB2	73907	91122	16.71%	1.596%
3	1.422	98	103	112	rVB	23845	26843	4.92%	0.470%
4	1.576	145	151	164	rVB	70917	85256	15.64%	1.494%
5	2.119	311	320	331	rVB	136824	189670	34.78%	3.323%
6	2.306	372	378	387	rVB2	25072	36888	6.77%	0.646%
7	2.647	477	484	497	rVB	12516	23926	4.39%	0.419%
8	2.769	504	522	525	rBV	16777	41470	7.61%	0.727%
9	3.756	813	829	846	rBV6	14198	51058	9.36%	0.895%
10	3.978	880	898	940	rBV2	39229	203247	37.27%	3.561%
11	4.393	1010	1027	1047	rBV	94037	230061	42.19%	4.031%
12	5.087	1226	1243	1267	rBV2	230204	535270	98.17%	9.378%
13	5.659	1406	1421	1440	rBV	223896	448095	82.18%	7.850%
14	6.074	1540	1550	1552	rBV5	11242	17907	3.28%	0.314%
15	6.116	1552	1563	1578	rVB2	125734	253219	46.44%	4.436%
16	6.335	1619	1631	1640	rBV8	5267	13448	2.47%	0.236%
17	6.589	1702	1710	1714	rBV10	3628	6155	1.13%	0.108%
18	6.637	1714	1725	1741	rVB2	17474	41377	7.59%	0.725%
19	7.026	1835	1846	1863	rBV	55834	101351	18.59%	1.776%
20	7.357	1934	1949	1964	rBV	255670	439916	80.68%	7.707%
21	7.556	2008	2011	2022	rVB8	3631	6175	1.13%	0.108%
22	7.663	2031	2044	2059	rBV	32565	60053	11.01%	1.052%
23	8.138	2179	2192	2226	rBV	266887	545273	100.00%	9.553%
24	8.286	2231	2238	2255	rVB6	11245	23115	4.24%	0.405%
25	8.894	2412	2427	2448	rBV	319419	529858	97.17%	9.283%
26	9.145	2490	2505	2517	rBV	54879	92026	16.88%	1.612%
27	9.251	2530	2538	2550	rBV9	4226	9214	1.69%	0.161%
28	9.749	2682	2693	2706	rBV4	9656	19834	3.64%	0.347%
29	9.855	2718	2726	2733	rBV10	7475	12356	2.27%	0.216%
30	10.260	2838	2852	2865	rBV	84927	137648	25.24%	2.412%
31	10.553	2939	2943	2959	rVB	5199	7965	1.46%	0.140%
32	11.084	3098	3108	3119	rBV2	19834	33992	6.23%	0.596%
33	11.193	3129	3142	3153	rBV6	19373	35289	6.47%	0.618%
34	11.293	3162	3173	3189	rVB	292896	460746	84.50%	8.072%

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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	11.572	3249	3260	3278	rBV2	61386	120538	22.11%	2.112%
36	11.669	3279	3290	3306	rVB	235796	377348	69.20%	6.611%
37	12.280	3470	3480	3494	rBV	64261	113172	20.76%	1.983%
38	12.392	3506	3515	3529	rVB4	25664	42219	7.74%	0.740%
39	13.479	3845	3853	3866	rBV8	11043	19862	3.64%	0.348%
40	13.678	3905	3915	3925	rBV6	8909	14116	2.59%	0.247%
41	14.087	4032	4042	4049	rBV2	6071	9955	1.83%	0.174%
42	15.170	4365	4379	4387	rBV2	5344	12320	2.26%	0.216%
43	16.235	4697	4710	4724	rBV2	70163	134630	24.69%	2.359%
44	16.360	4740	4749	4762	rVB2	30526	46736	8.57%	0.819%

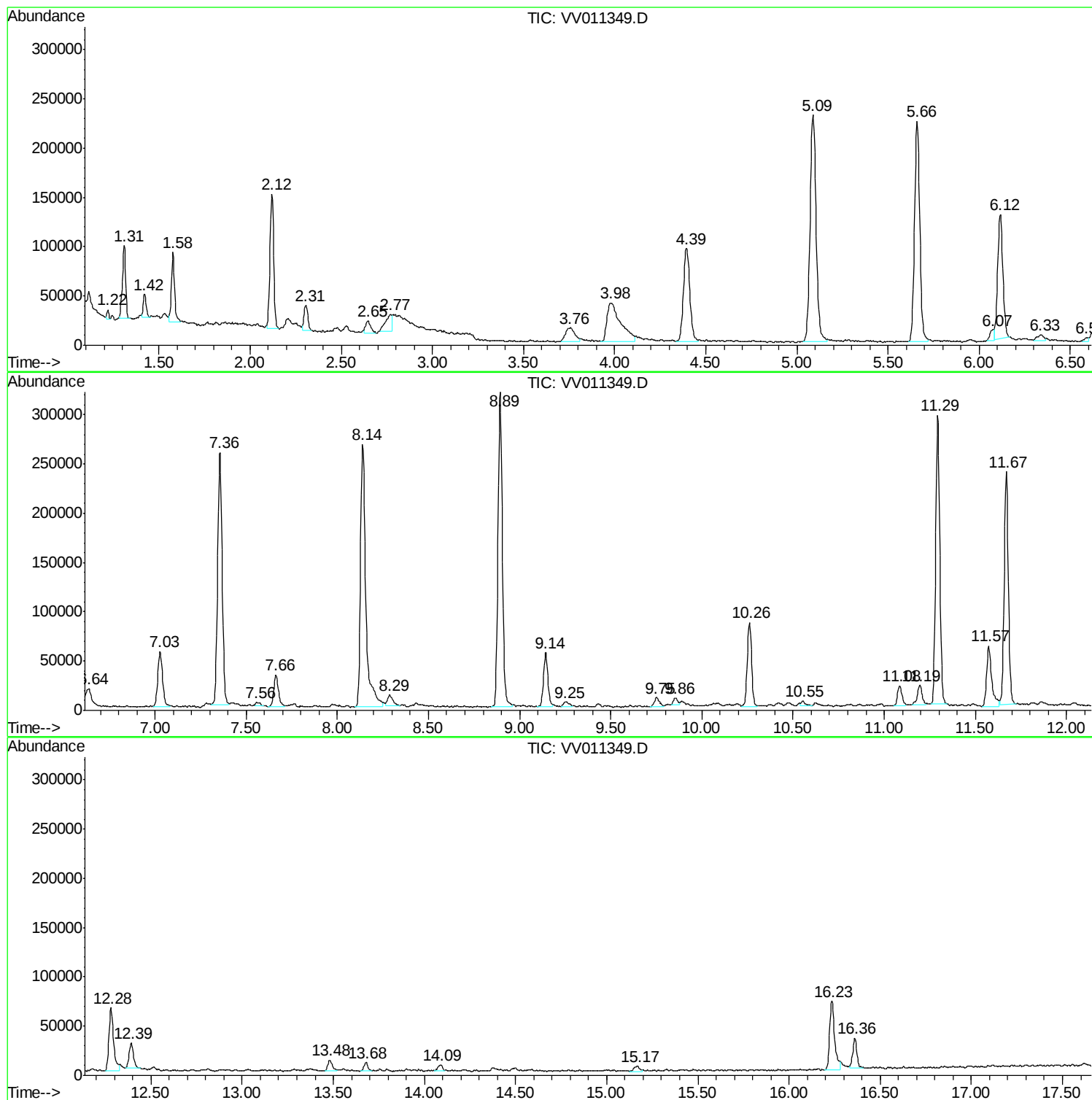
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0

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



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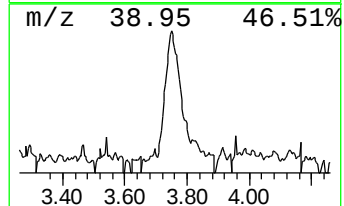
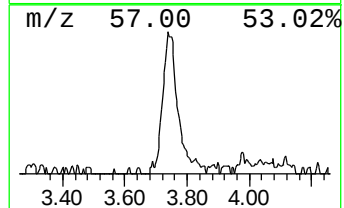
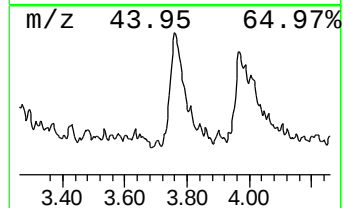
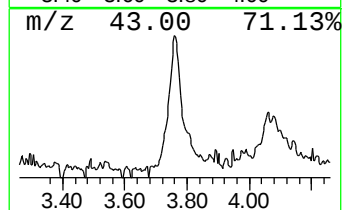
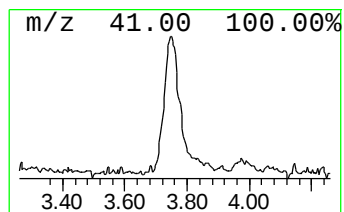
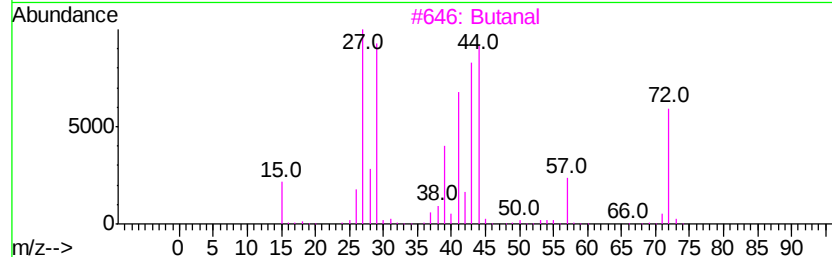
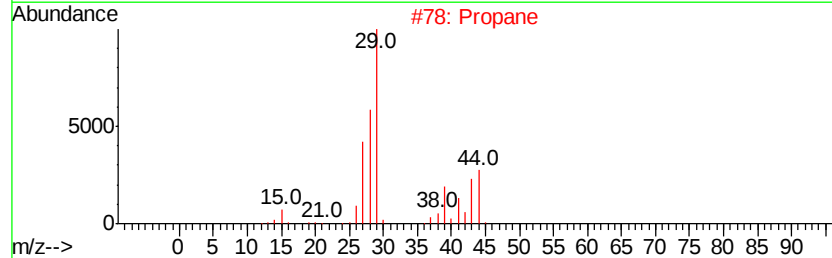
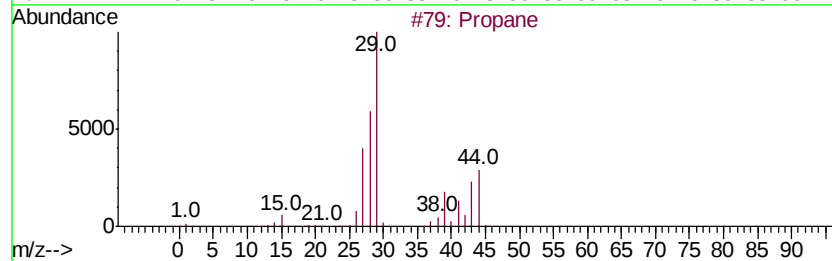
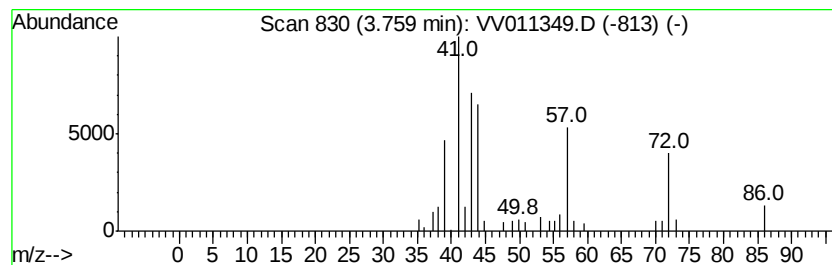
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.76	0.57 ug/L	51058	1,4-Difluorobenzene	5.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane	44	C3H8	000074-98-6	40
2		Propane	44	C3H8	000074-98-6	40
3		Butanal	72	C4H8O	000123-72-8	38
4		2-Propen-1-ol, 2-methyl-	72	C4H8O	000513-42-8	37
5		Methacrolein	70	C4H6O	000078-85-3	35



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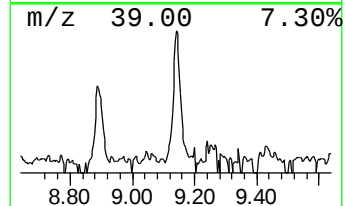
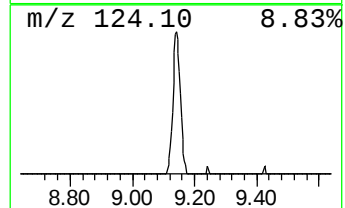
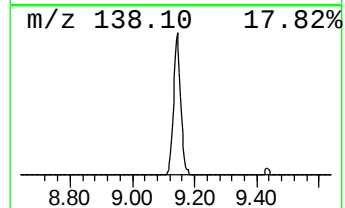
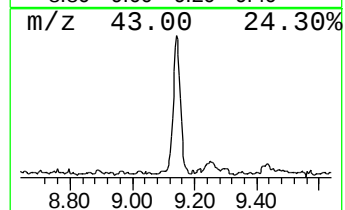
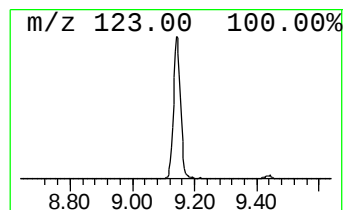
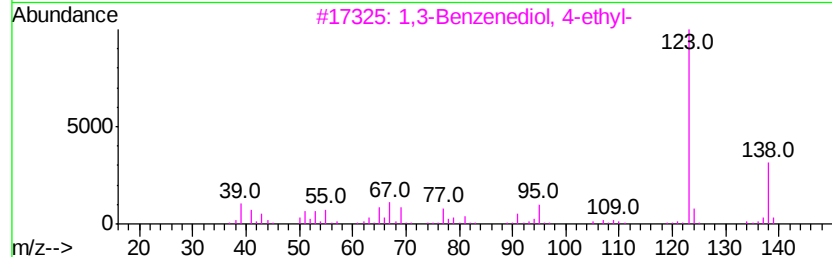
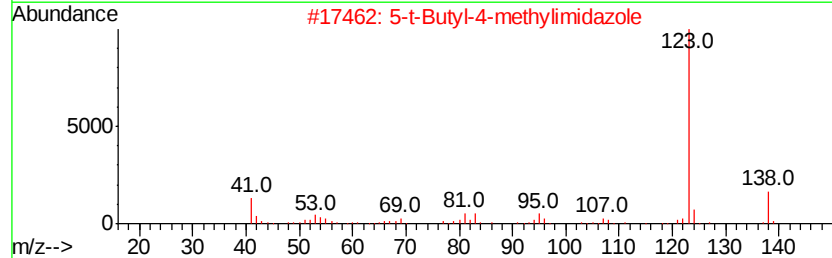
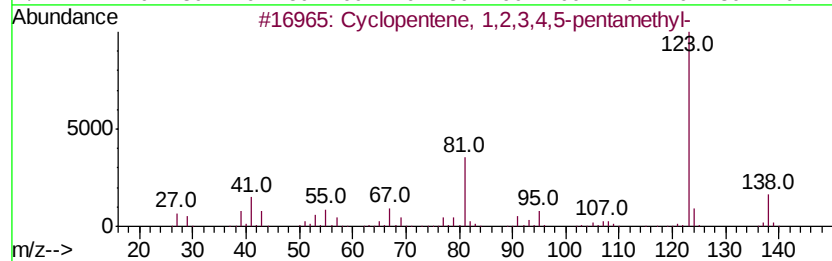
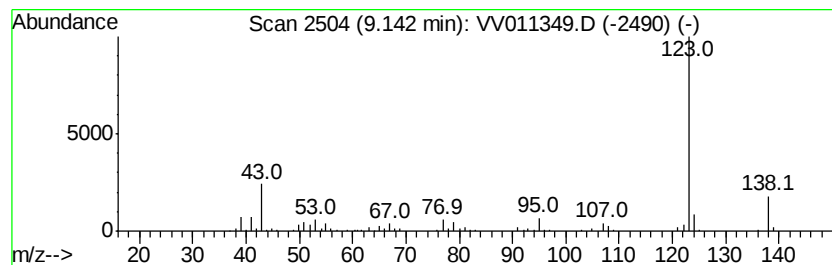
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Cyclopentene, 1,2,3,4,5-pen... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.14	0.87 ug/L	92026	Chlorobenzene-d5	8.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentene, 1,2,3,4,5-pentamet...	138	C10H18	1000154-28-6	91
2		5-t-Butyl-4-methylimidazole	138	C8H14N2	146979-50-2	90
3		1,3-Benzenediol, 4-ethyl-	138	C8H10O2	002896-60-8	78
4		1,3-Benzenediol, 4-ethyl-	138	C8H10O2	002896-60-8	72
5		Cyclopentene, 1,2,3,3,4-pentamet...	138	C10H18	197390-29-7	64



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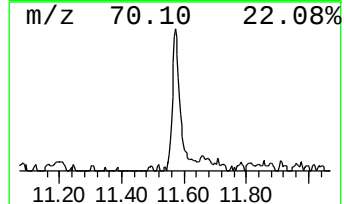
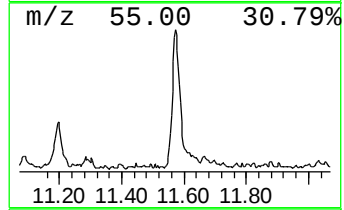
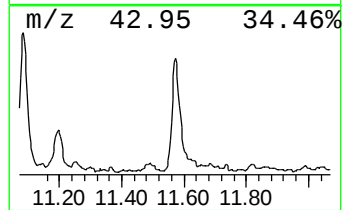
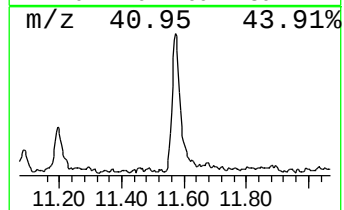
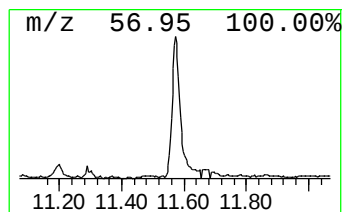
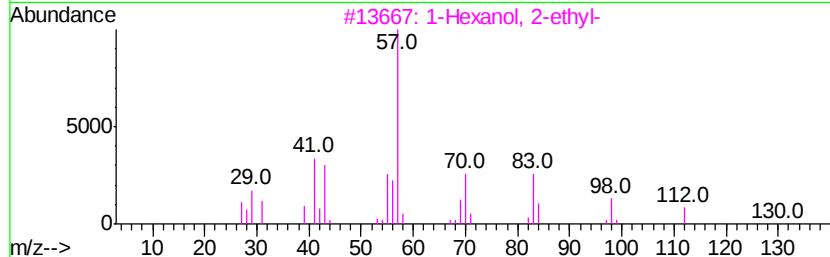
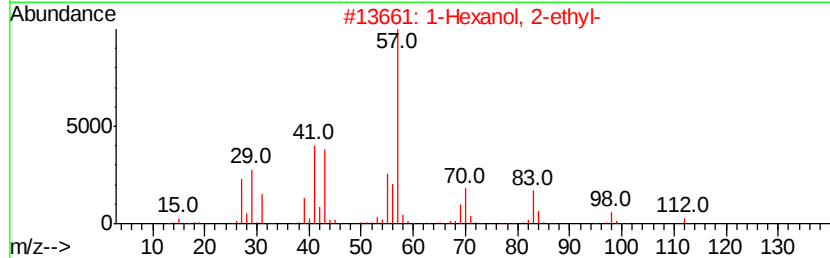
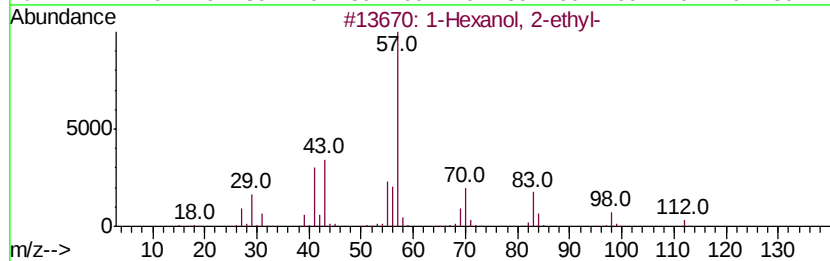
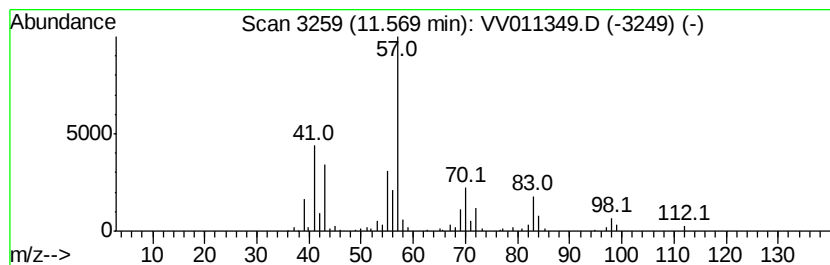
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	1.31 ug/L	120538	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	78
2			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
3			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	56
4			Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	53
5			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	53



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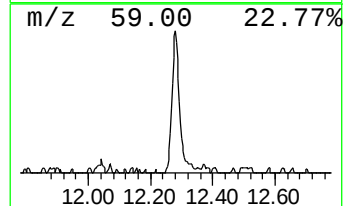
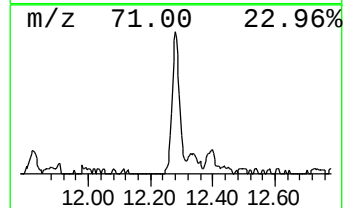
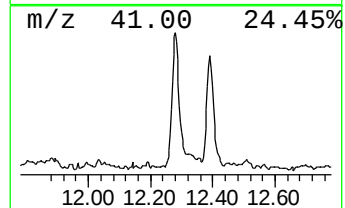
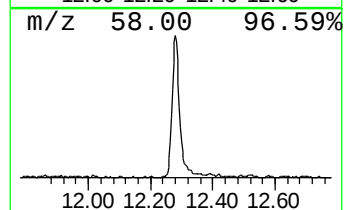
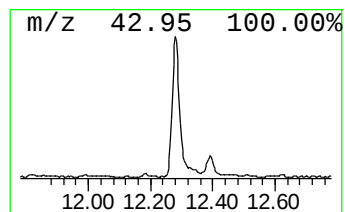
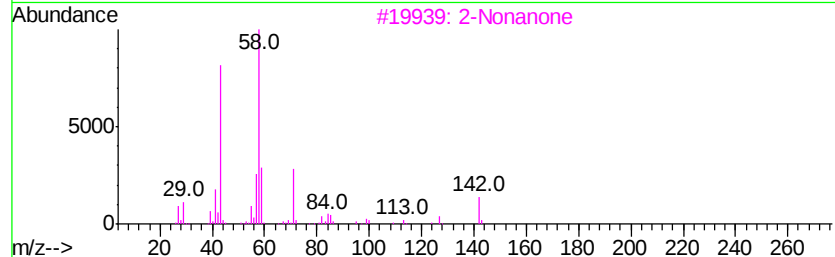
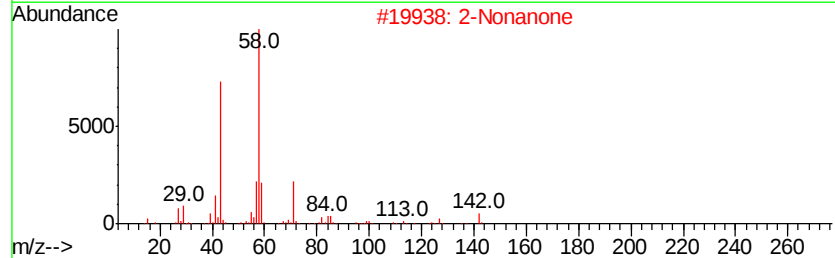
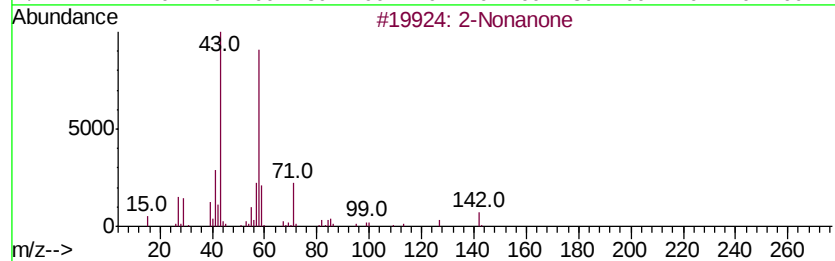
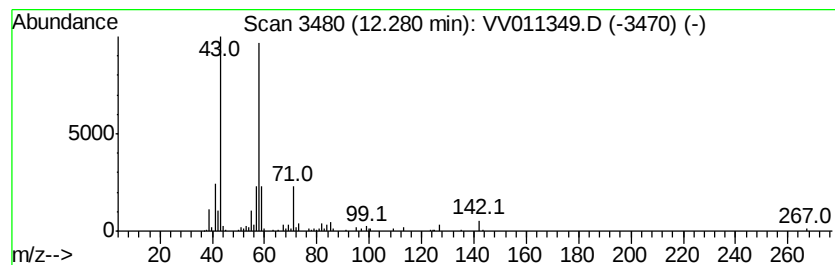
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Peak Number 5 2-Nonanone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.28	1.23 ug/L	113172	1,4-Dichlorobenzene-d4	11.29

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	93
3	2-Nonanone		142	C9H18O	000821-55-6	86
4	2-Nonanone		142	C9H18O	000821-55-6	80
5	2-Undecanone		170	C11H22O	000112-12-9	72



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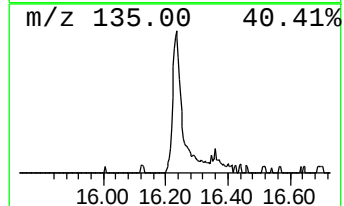
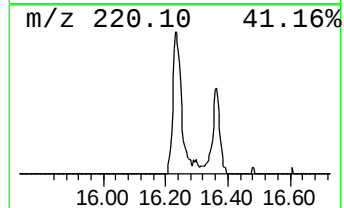
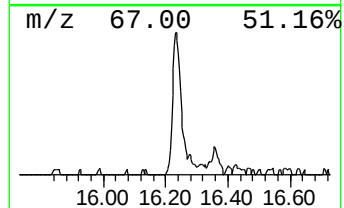
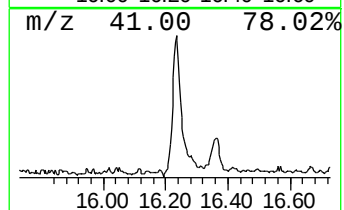
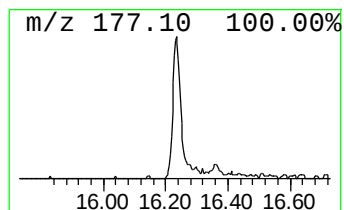
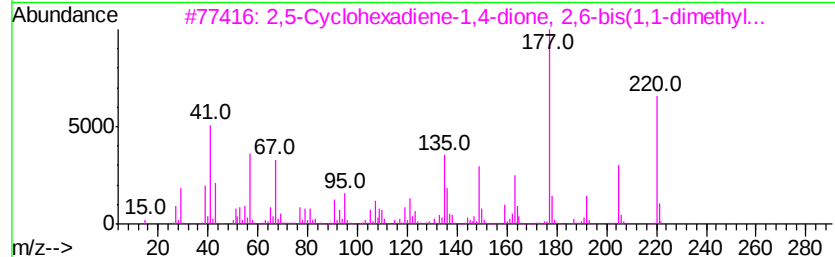
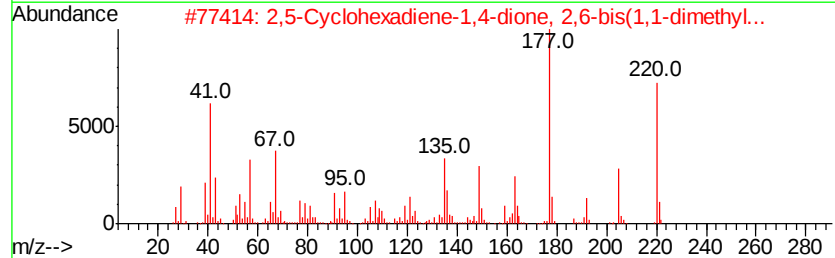
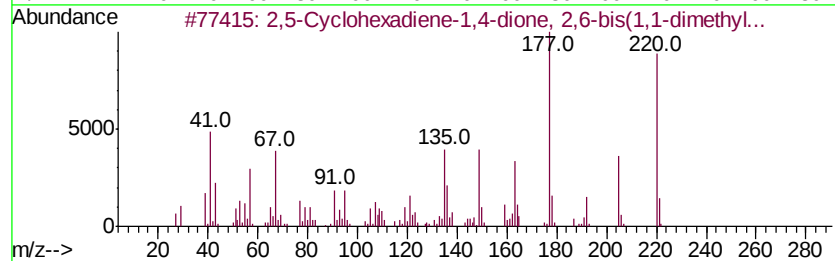
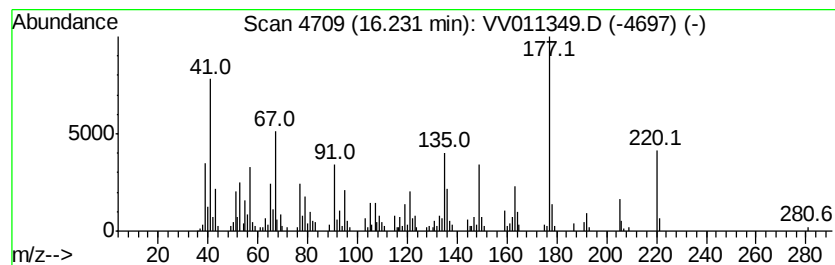
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 6 2,5-Cyclohexadiene-1,4-dione... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.23	1.46 ug/L	134630	1,4-Dichlorobenzene-d4	11.29

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,5-Cyclohexadiene-1,4-dione, 2,...	220	C14H20O2	000719-22-2	99
2			2,5-Cyclohexadiene-1,4-dione, 2,...	220	C14H20O2	000719-22-2	99
3			2,5-Cyclohexadiene-1,4-dione, 2,...	220	C14H20O2	000719-22-2	98
4			Thiocoumarine, 4,4,6,7-tetramethyl-	220	C13H16OS	1000128-90-2	45
5			3-Buten-2-one, 4-(2,6,6-trimethyl...	192	C13H20O	014901-07-6	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV061019\
Data File : VV011349.D
Acq On : 10 Jun 2019 14:42
Operator : SY/MD
Sample : K3197-14
Misc : 25ML/MSVOA V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampled :
F9P58

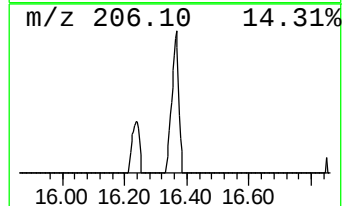
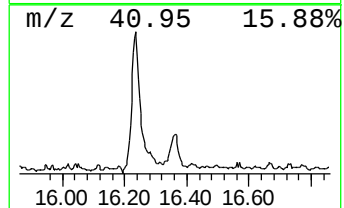
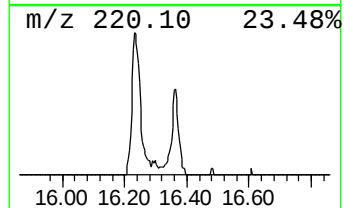
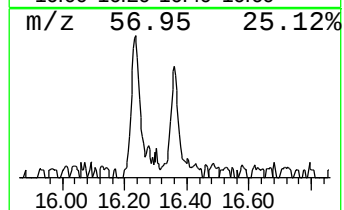
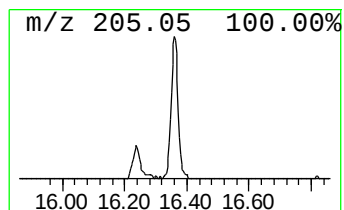
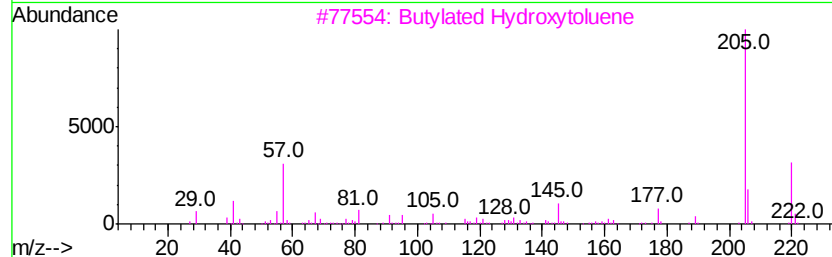
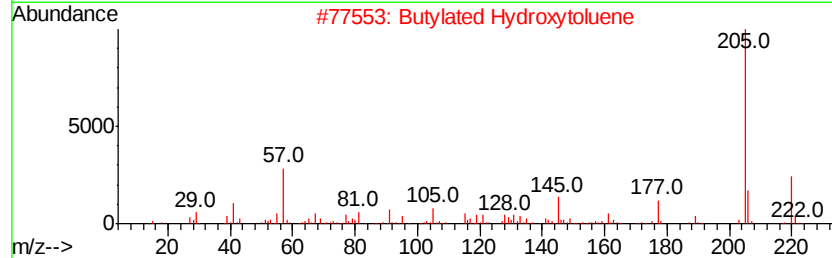
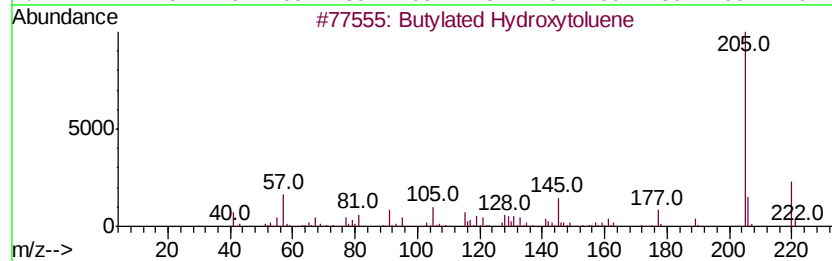
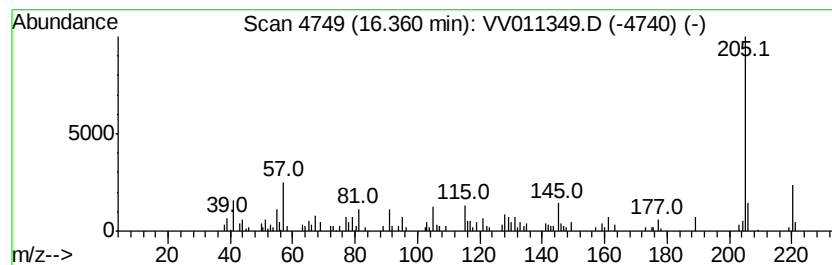
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 7 Butylated Hydroxytoluene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.36	0.51 ug/L	46736	1,4-Dichlorobenzene-d4	11.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	95
2		Butylated Hydroxytoluene	220	C15H24O	000128-37-0	93
3		Butylated Hydroxytoluene	220	C15H24O	000128-37-0	93
4		2H-1-Benzopyran, 6,7-dimethoxy-2...	220	C13H16O3	000644-06-4	83
5		4,6-di-tert-Butyl-m-cresol	220	C15H24O	000497-39-2	72



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061019\
Data File : VV011349.D
Acq On : 10 Jun 2019 14:42
Operator : SY/MD
Sample : K3197-14
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9P58

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
(DEL) Alkane: Str...	3.76	0.6	ug/L	51058	1	5.66	448095	5.0
Cyclopentene, 1,2...	9.14	0.9	ug/L	92026	2	8.89	529858	5.0
1-Hexanol, 2-ethyl-	11.57	1.3	ug/L	120538	3	11.29	460746	5.0
2-Nonanone	12.28	1.2	ug/L	113172	3	11.29	460746	5.0
2,5-Cyclohexadien...	16.23	1.5	ug/L	134630	3	11.29	460746	5.0
Butylated Hydroxy...	16.36	0.5	ug/L	46736	3	11.29	460746	5.0