

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092718\
 Data File : VV007936.D
 Acq On : 28 Sep 2018 04:30
 Operator : SY/MD
 Sample : J5062-06
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAC06

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\SOMVTR092718WMA.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	1.315	62	70	80	rVB	35697	39438	13.48%	1.106%
2	1.582	146	153	161	rVB	32816	34951	11.94%	0.981%
3	2.129	314	323	337	rBV	70677	99381	33.96%	2.788%
4	2.801	522	532	551	rBV2	9371	24261	8.29%	0.681%
5	3.994	883	903	939	rBV	21312	99079	33.85%	2.780%
6	4.161	941	955	993	rVB	40248	126879	43.35%	3.560%
7	4.405	1015	1031	1051	rVB	49073	118181	40.38%	3.316%
8	5.097	1230	1246	1269	rBV2	121203	272889	93.24%	7.656%
9	5.666	1410	1423	1438	rBV	103718	200175	68.40%	5.616%
10	5.759	1438	1452	1455	rBV4	2401	5920	2.02%	0.166%
11	5.962	1508	1515	1528	rVB6	2839	5293	1.81%	0.148%
12	6.122	1552	1565	1580	rVV2	66968	134005	45.79%	3.760%
13	6.454	1662	1668	1691	rVB3	6637	15336	5.24%	0.430%
14	7.032	1837	1848	1862	rBV2	31223	54092	18.48%	1.518%
15	7.360	1937	1950	1964	rBV	141605	236996	80.98%	6.649%
16	7.431	1965	1972	1983	rVB2	3318	5337	1.82%	0.150%
17	7.669	2034	2046	2061	rBV	18484	31630	10.81%	0.887%
18	7.997	2133	2148	2173	rBV3	35659	123189	42.09%	3.456%
19	8.145	2183	2194	2221	rVB	161043	292661	100.00%	8.211%
20	8.289	2231	2239	2250	rVB7	1915	4009	1.37%	0.112%
21	8.434	2273	2284	2288	rBV5	2142	4028	1.38%	0.113%
22	8.900	2414	2429	2442	rBV	157263	258898	88.46%	7.263%
23	9.534	2614	2626	2647	rBV	107404	231283	79.03%	6.489%
24	9.621	2647	2653	2669	rVB5	13636	24181	8.26%	0.678%
25	9.904	2731	2741	2752	rVB5	1326	2946	1.01%	0.083%
26	9.977	2756	2764	2774	rVB3	2883	4661	1.59%	0.131%
27	10.267	2843	2854	2865	rBV	49776	78265	26.74%	2.196%
28	10.424	2893	2903	2913	rVB2	4802	7837	2.68%	0.220%
29	10.865	3029	3040	3052	rBV2	31362	57289	19.58%	1.607%
30	10.929	3054	3060	3073	rVB5	8310	14139	4.83%	0.397%
31	11.299	3163	3175	3196	rVB	165420	262655	89.75%	7.369%
32	11.579	3250	3262	3281	rBV2	116379	201987	69.02%	5.667%
33	11.675	3281	3292	3308	rVB	154478	246879	84.36%	6.926%
34	12.055	3400	3410	3437	rBV2	41928	78695	26.89%	2.208%

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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	12.296	3478	3485	3497	rBV9	3088	5773	1.97%	0.162%
36	12.389	3502	3514	3521	rBV9	4874	10569	3.61%	0.297%
37	12.543	3553	3562	3573	rVB5	2084	3839	1.31%	0.108%
38	12.939	3679	3685	3694	rVB4	2782	3834	1.31%	0.108%
39	13.116	3731	3740	3755	rBV7	3319	7607	2.60%	0.213%
40	13.283	3781	3792	3797	rBV8	5188	9728	3.32%	0.273%
41	13.321	3798	3804	3808	rVV6	7811	12185	4.16%	0.342%
42	13.354	3810	3814	3822	rVV6	12743	19855	6.78%	0.557%
43	13.411	3823	3832	3848	rVB7	15253	38657	13.21%	1.085%
44	13.498	3850	3859	3869	rVV6	14255	25978	8.88%	0.729%
45	13.675	3905	3914	3930	rVB7	6530	13034	4.45%	0.366%
46	13.781	3938	3947	3960	rVB6	5576	12223	4.18%	0.343%
47	14.161	4055	4065	4069	rBV5	2403	3673	1.26%	0.103%

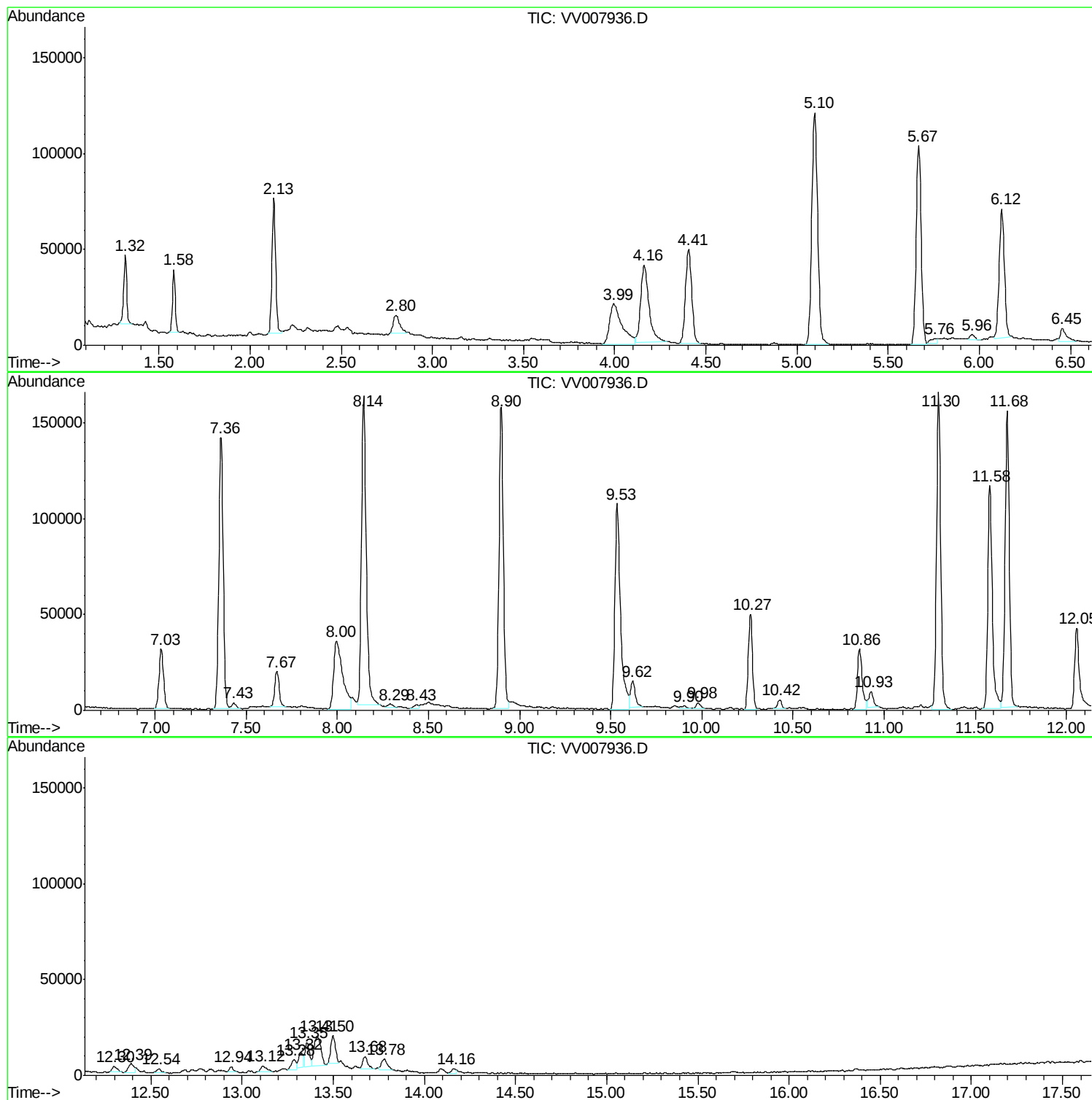
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
Quant Title : TRACE VOA SOM01.0

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



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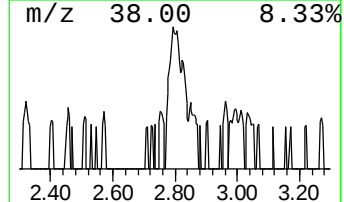
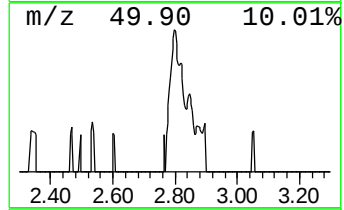
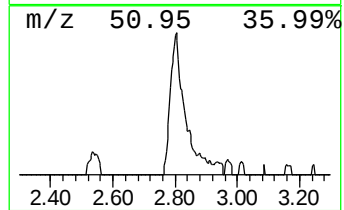
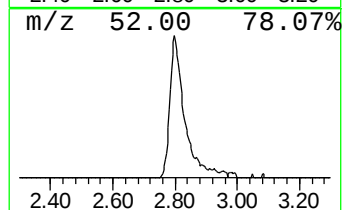
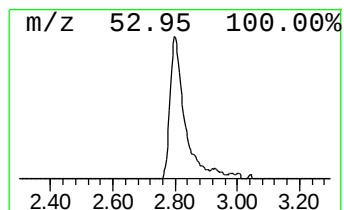
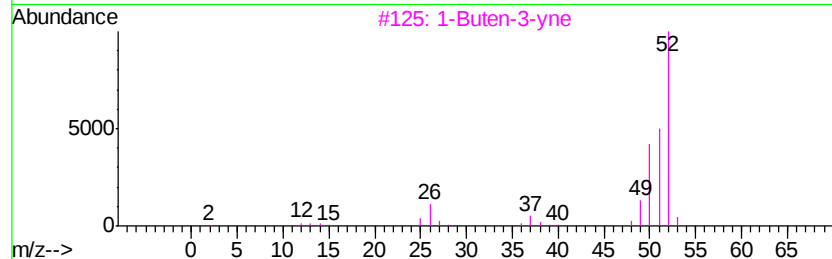
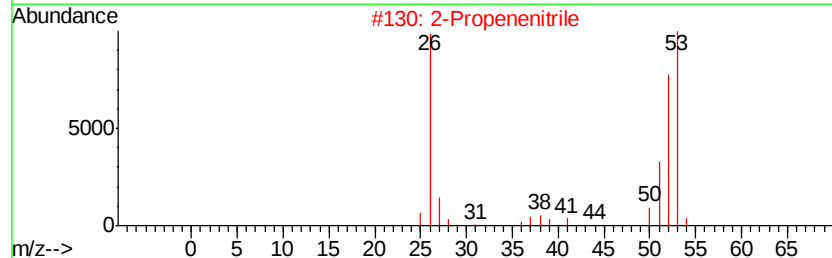
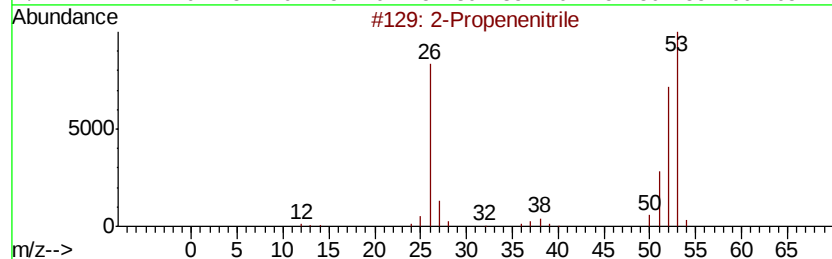
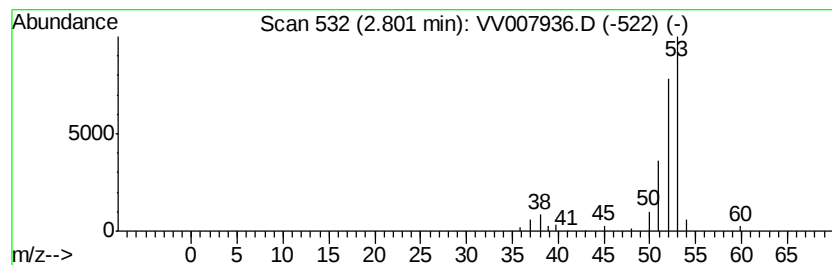
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 1 2-Propenenitrile Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.80	0.61 ug/L	24261	1,4-Difluorobenzene	5.67

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Propenenitrile	53	C3H3N	000107-13-1	90
2			2-Propenenitrile	53	C3H3N	000107-13-1	90
3			1-Buten-3-yne	52	C4H4	000689-97-4	23
4			1-Buten-3-yne	52	C4H4	000689-97-4	23
5			1-Buten-3-yne	52	C4H4	000689-97-4	9



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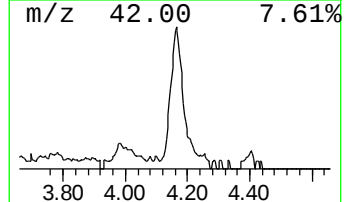
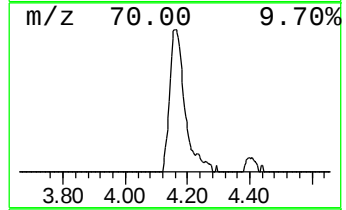
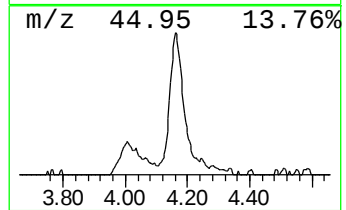
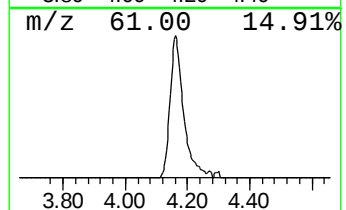
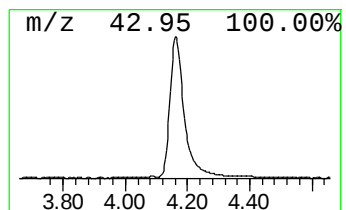
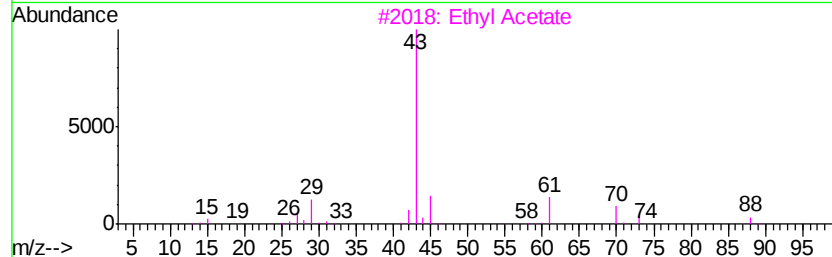
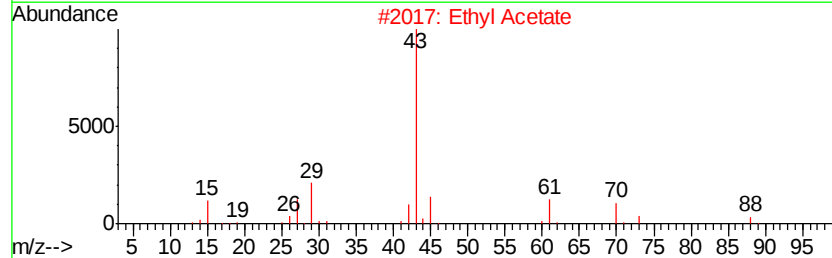
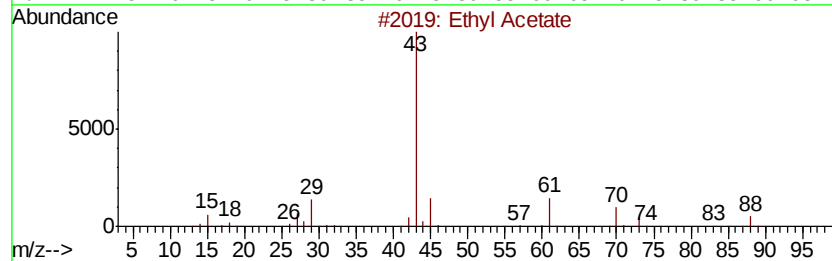
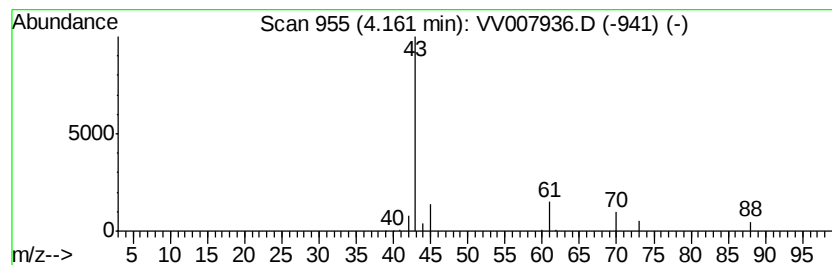
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 2 Ethyl Acetate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.16	3.17 ug/L	126879	1,4-Difluorobenzene	5.67

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethyl Acetate	88	C4H8O2	000141-78-6	90
2			Ethyl Acetate	88	C4H8O2	000141-78-6	90
3			Ethyl Acetate	88	C4H8O2	000141-78-6	90
4			Ethyl Acetate	88	C4H8O2	000141-78-6	83
5			1,4-Butanediol, diacetate	174	C8H14O4	000628-67-1	33



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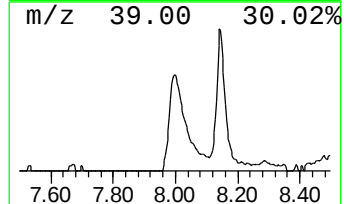
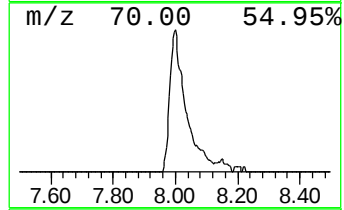
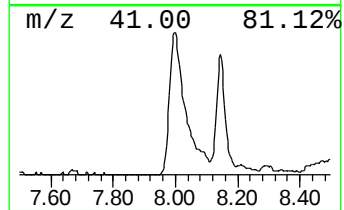
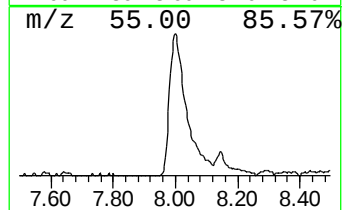
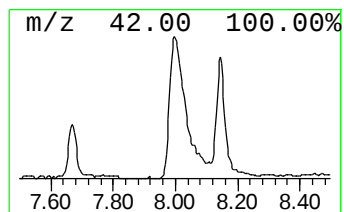
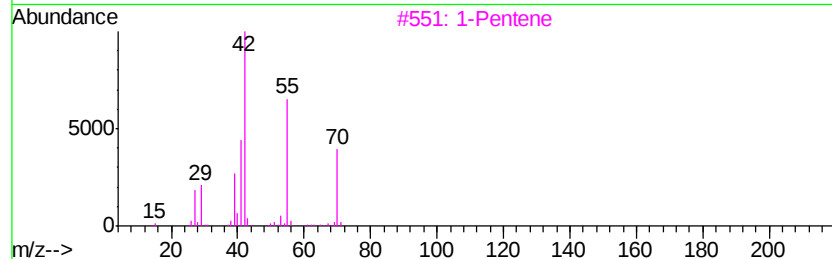
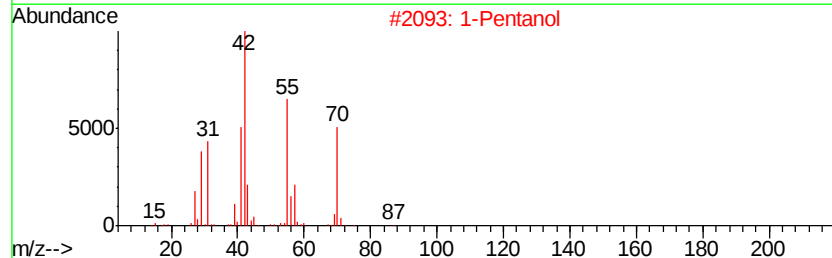
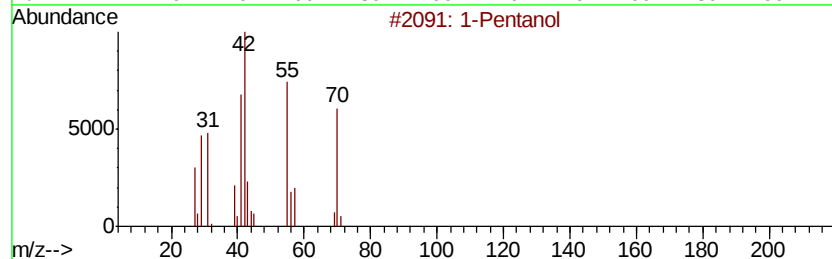
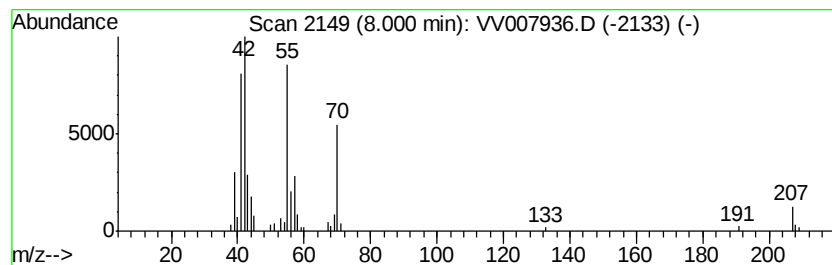
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 4 1-Pentanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.00	2.38 ug/L	123189	Chlorobenzene-d5	8.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Pentanol	88	C5H12O	000071-41-0	72
2		1-Pentanol	88	C5H12O	000071-41-0	64
3		1-Pentene	70	C5H10	000109-67-1	58
4		2-Pentene, (E)-	70	C5H10	000646-04-8	53
5		1-Butanol, 3-methyl-, formate	116	C6H12O2	000110-45-2	53



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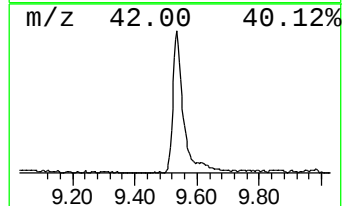
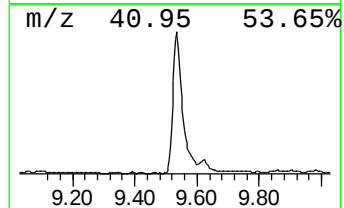
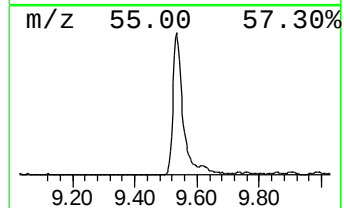
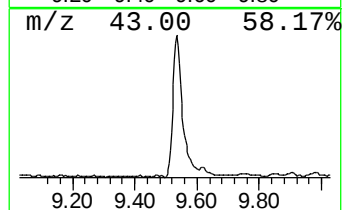
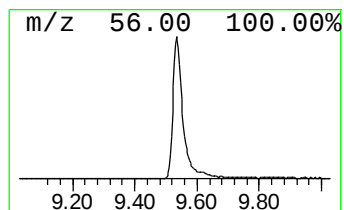
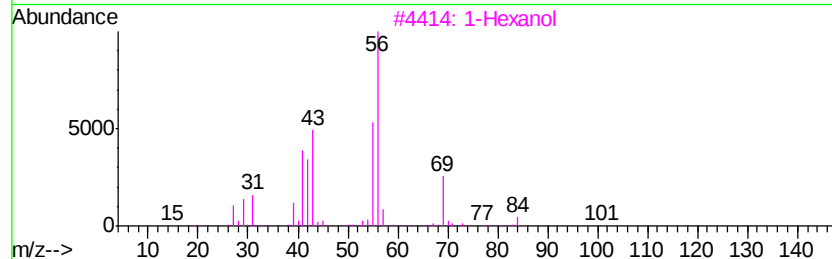
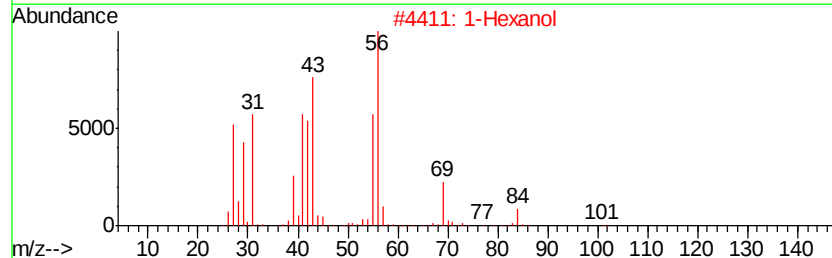
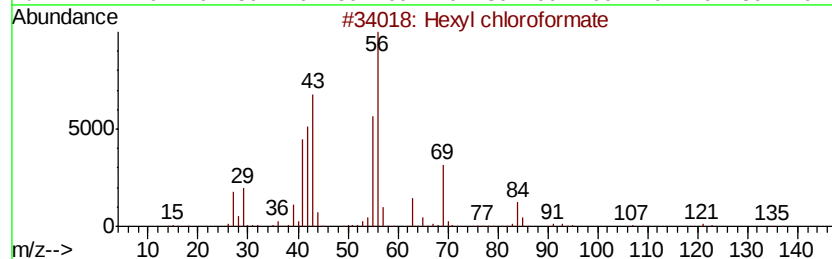
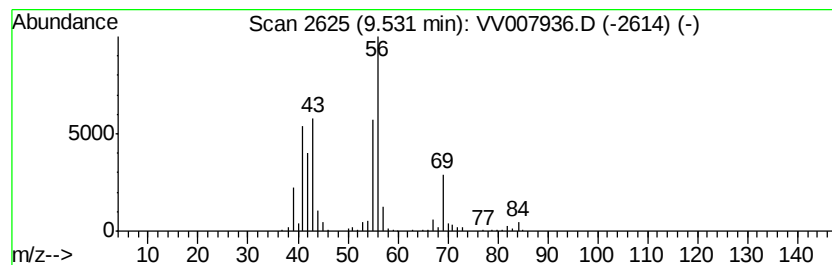
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Hexyl chloroformate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.53	4.47 ug/L	231283	Chlorobenzene-d5	8.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexyl chloroformate	164	C7H13ClO2	006092-54-2	83
2		1-Hexanol	102	C6H14O	000111-27-3	78
3		1-Hexanol	102	C6H14O	000111-27-3	78
4		Formic acid, hexyl ester	130	C7H14O2	000629-33-4	78
5		1-Hexanol	102	C6H14O	000111-27-3	78



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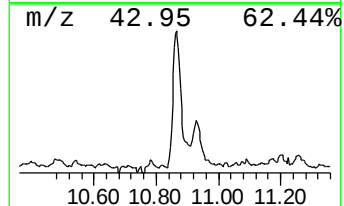
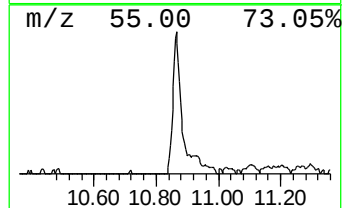
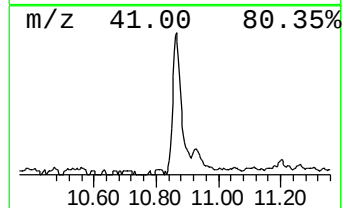
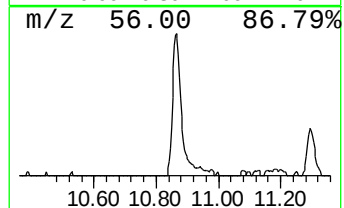
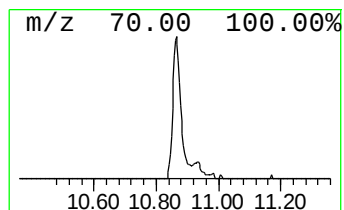
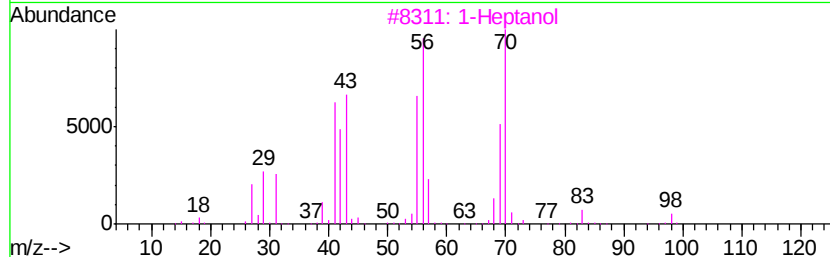
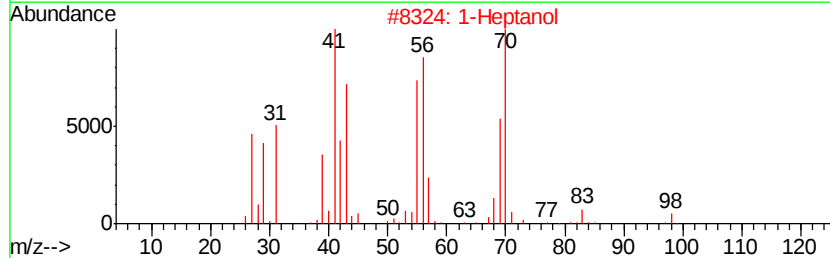
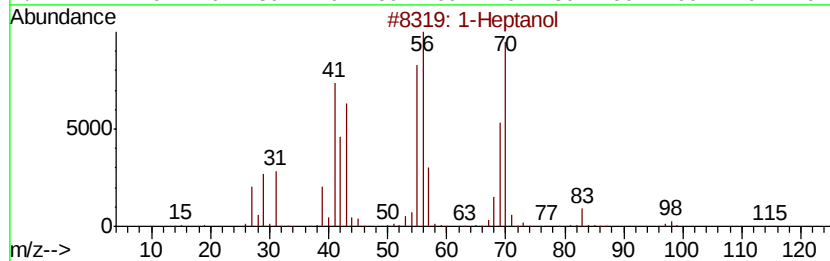
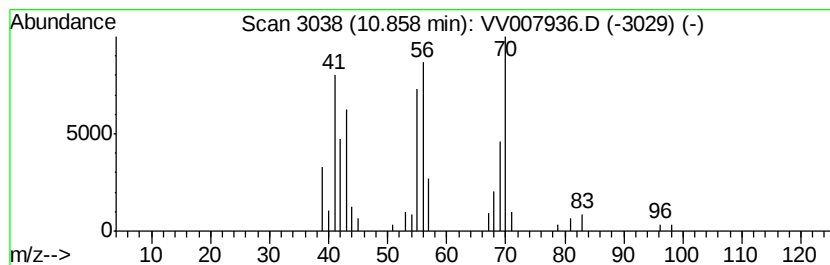
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ClientSampleId :
GAC06

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Quant Title : TRACE VOA SOM01.0

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

Peak Number 6 1-Heptanol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.86	1.09 ug/L	57289	1,4-Dichlorobenzene-d4	11.30	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptanol	116	C7H16O	000111-70-6	86
2	1-Heptanol	116	C7H16O	000111-70-6	72
3	1-Heptanol	116	C7H16O	000111-70-6	64
4	Formic acid, heptyl ester	144	C8H16O2	000112-23-2	59
5	Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV092718\
Data File : VV007936.D
Acq On : 28 Sep 2018 04:30
Operator : SY/MD
Sample : J5062-06
Misc : 25.0 mL/MSVOA V/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAC06

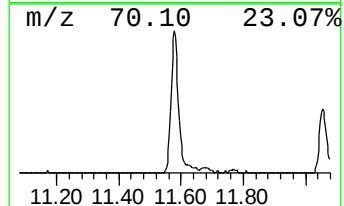
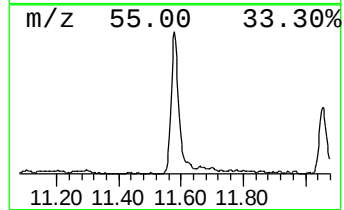
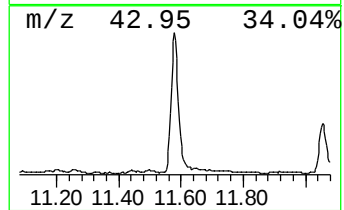
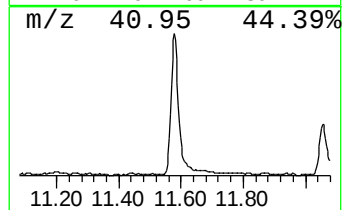
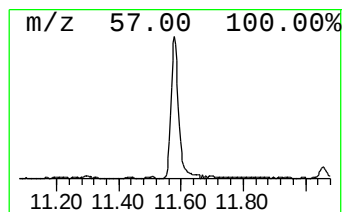
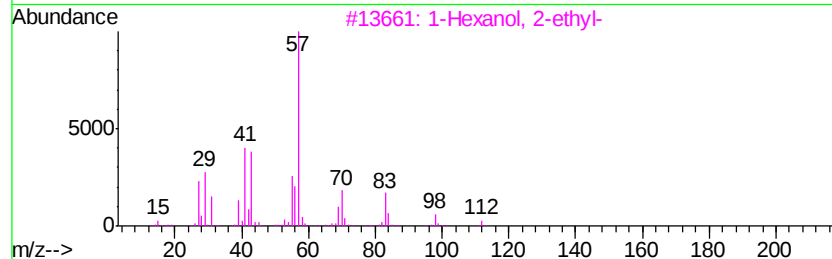
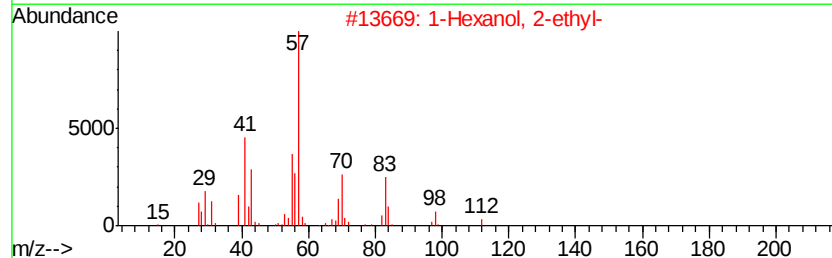
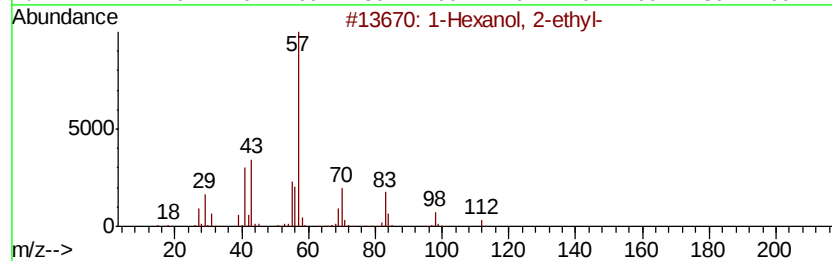
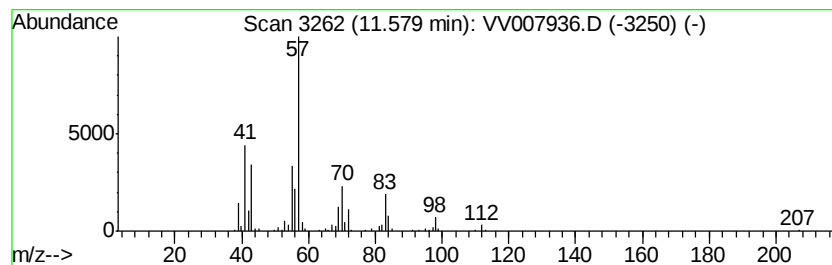
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 7 1-Hexanol, 2-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.58	3.85 ug/L	201987	1,4-Dichlorobenzene-d4	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
2		1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
3		1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
4		Oxalic acid, 2-ethylhexyl octyl ...	314	C18H34O4	1000309-39-1	64
5		1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV092718\
Data File : VV007936.D
Acq On : 28 Sep 2018 04:30
Operator : SY/MD
Sample : J5062-06
Misc : 25.0 mL/MSVOA V/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAC06

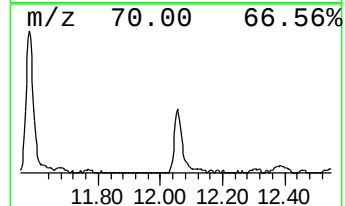
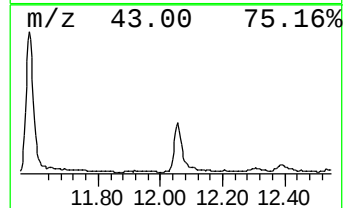
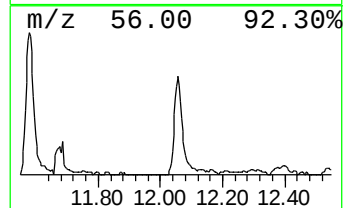
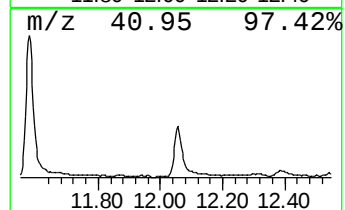
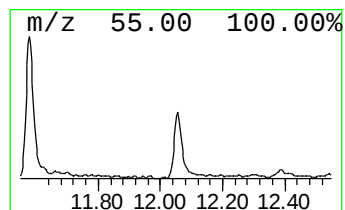
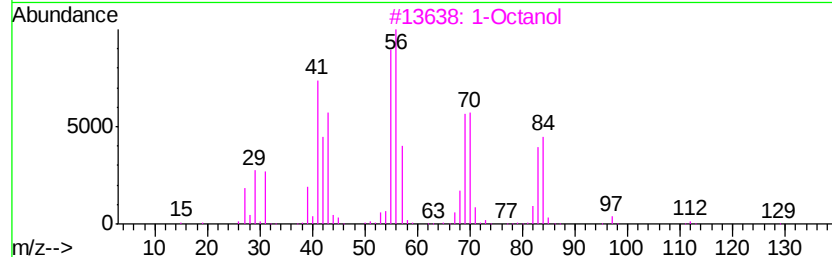
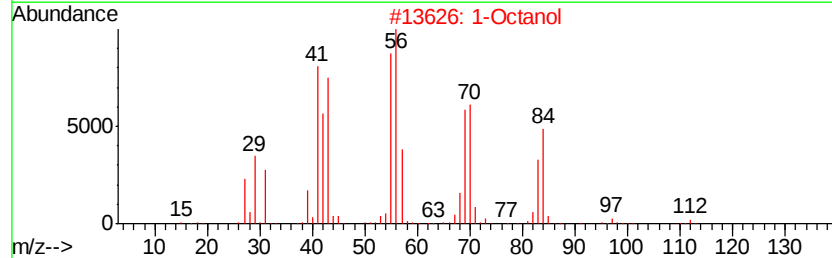
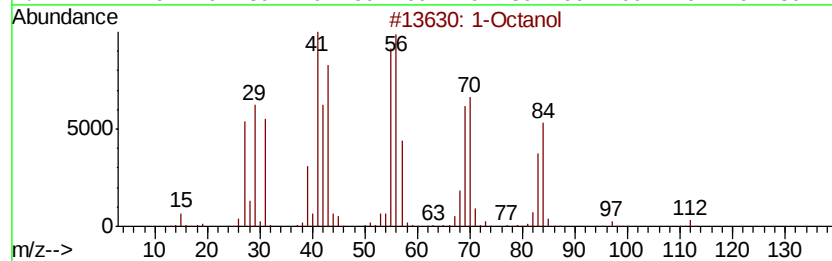
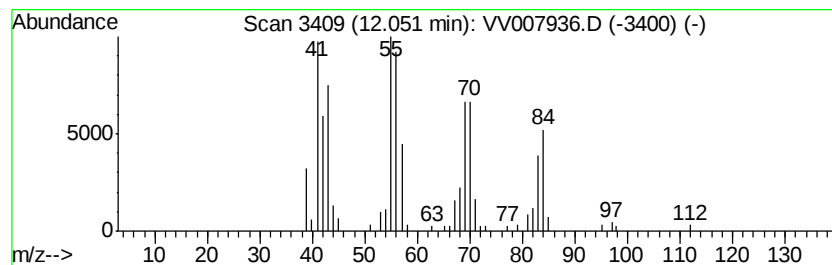
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 8 1-Octanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	1.50 ug/L	78695	1,4-Dichlorobenzene-d4	11.30

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Octanol	130	C8H18O	000111-87-5	91
2			1-Octanol	130	C8H18O	000111-87-5	91
3			1-Octanol	130	C8H18O	000111-87-5	91
4			1-Octanol	130	C8H18O	000111-87-5	90
5			1-Nonanol	144	C9H20O	000143-08-8	72



Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092718\
Data File : VV007936.D
Acq On : 28 Sep 2018 04:30
Operator : SY/MD
Sample : J5062-06
Misc : 25.0 mL/MSVOA V/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampled :
GAC06

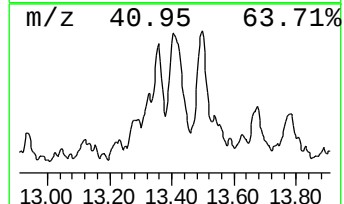
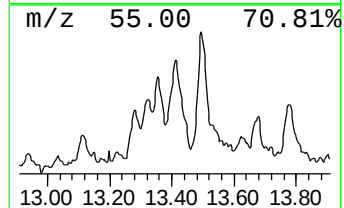
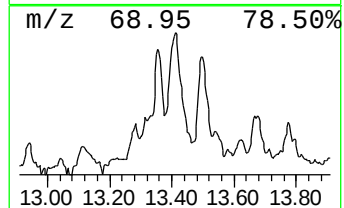
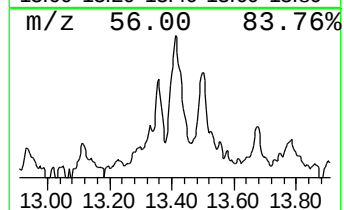
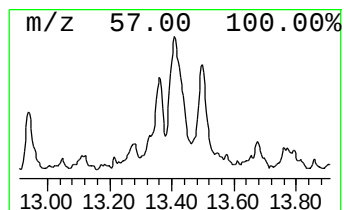
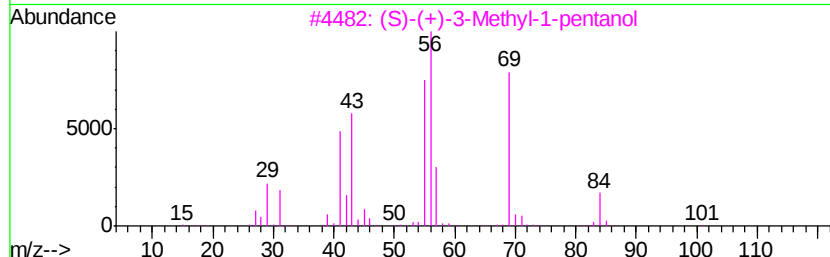
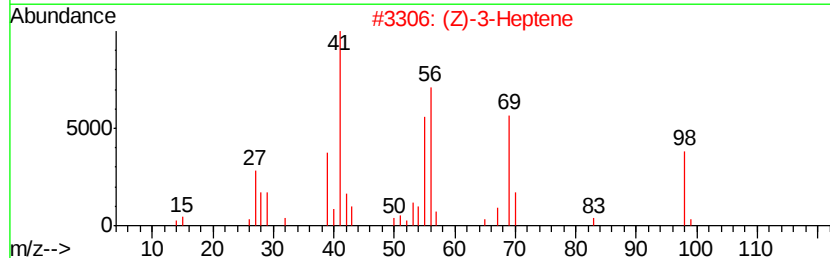
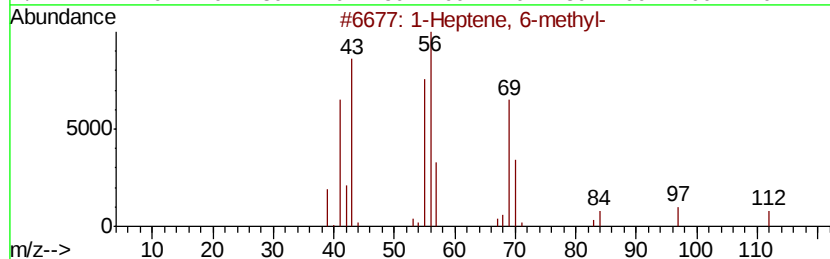
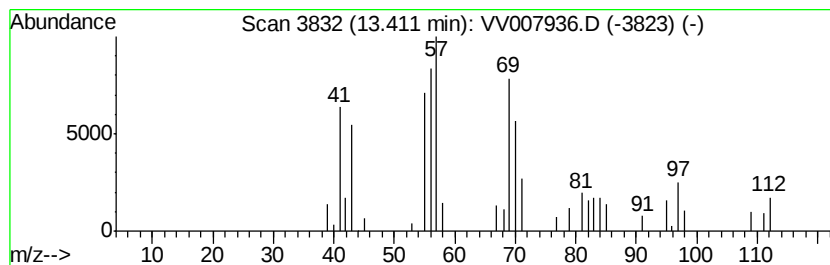
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 9 1-Heptene, 6-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.41	0.74 ug/L	38657	1,4-Dichlorobenzene-d4	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Heptene, 6-methyl-	112	C8H16	005026-76-6	64
2		(Z)-3-Heptene	98	C7H14	007642-10-6	50
3		(S)-(+)-3-Methyl-1-pentanol	102	C6H14O	042072-39-9	47
4		Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	43
5		Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	38



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092718\
Data File : VV007936.D
Acq On : 28 Sep 2018 04:30
Operator : SY/MD
Sample : J5062-06
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAC06

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.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
2-Propenenitrile	2.80	0.6	ug/L	24261	1	5.67	200175	5.0
Ethyl Acetate	4.16	3.2	ug/L	126879	1	5.67	200175	5.0
1-Pentanol	8.00	2.4	ug/L	123189	2	8.90	258898	5.0
Hexyl chloroformate	9.53	4.5	ug/L	231283	2	8.90	258898	5.0
1-Heptanol	10.86	1.1	ug/L	57289	3	11.30	262655	5.0
1-Hexanol, 2-ethyl-	11.58	3.9	ug/L	201987	3	11.30	262655	5.0
1-Octanol	12.05	1.5	ug/L	78695	3	11.30	262655	5.0
1-Heptene, 6-methyl-	13.41	0.7	ug/L	38657	3	11.30	262655	5.0