

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091718\
 Data File : VV007592.D
 Acq On : 17 Sep 2018 17:32
 Operator : SY/MD
 Sample : J4864-05DL 4X
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0D11DL

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\SOMVTR091318WMA.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	1.119	5	9	16	rVB2	6514	5576	1.52%	0.135%
2	1.319	62	71	84	rBV	39237	47568	12.97%	1.154%
3	1.585	147	154	167	rVB	37513	44480	12.13%	1.079%
4	2.135	315	325	338	rBV2	87515	126226	34.42%	3.063%
5	2.540	444	451	459	rVB3	7664	10569	2.88%	0.256%
6	3.971	880	896	914	rBV3	29168	99147	27.03%	2.406%
7	4.408	1011	1032	1051	rBV	55527	135178	36.86%	3.280%
8	4.662	1096	1111	1127	rBV5	8396	19661	5.36%	0.477%
9	5.103	1226	1248	1275	rBV3	129186	312298	85.15%	7.579%
10	5.669	1410	1424	1446	rBV	132321	261969	71.43%	6.357%
11	5.965	1501	1516	1548	rBV	187277	366757	100.00%	8.900%
12	6.125	1552	1566	1591	rVB2	71168	148769	40.56%	3.610%
13	7.035	1838	1849	1865	rBV	40978	72576	19.79%	1.761%
14	7.363	1939	1951	1967	rVV	161050	282830	77.12%	6.864%
15	7.672	2032	2047	2064	rBV	23417	43829	11.95%	1.064%
16	8.158	2184	2198	2241	rBV7	90947	270980	73.89%	6.576%
17	8.900	2417	2429	2450	rBV	185981	311769	85.01%	7.566%
18	9.058	2469	2478	2489	rVB2	3344	5384	1.47%	0.131%
19	9.183	2507	2517	2528	rBV2	14453	23186	6.32%	0.563%
20	9.592	2635	2644	2654	rBV2	5412	8363	2.28%	0.203%
21	10.267	2843	2854	2872	rBV	48018	76849	20.95%	1.865%
22	10.424	2890	2903	2914	rBV4	3131	5712	1.56%	0.139%
23	11.299	3161	3175	3198	rBV	199218	345233	94.13%	8.378%
24	11.582	3253	3263	3276	rBV5	5895	11185	3.05%	0.271%
25	11.678	3279	3293	3315	rVB	171892	291360	79.44%	7.071%
26	11.797	3322	3330	3339	rVB3	4665	6787	1.85%	0.165%
27	12.170	3437	3446	3454	rBV3	5431	9577	2.61%	0.232%
28	12.350	3493	3502	3511	rVB3	4804	7920	2.16%	0.192%
29	12.466	3532	3538	3548	rVB2	12340	18296	4.99%	0.444%
30	12.601	3572	3580	3589	rBV3	6332	8949	2.44%	0.217%
31	12.739	3613	3623	3634	rBV3	11570	21423	5.84%	0.520%
32	12.810	3638	3645	3653	rVB2	4606	6784	1.85%	0.165%
33	13.013	3700	3708	3713	rVB5	3039	4083	1.11%	0.099%
34	13.231	3767	3776	3779	rBV7	2639	3864	1.05%	0.094%

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 Title : TRACE VOA SOM01.0

35	13.267	3780	3787	3795	rVB3	7653	11740	3.20%	0.285%
36	13.325	3795	3805	3811	rBV	14661	21576	5.88%	0.524%
37	13.366	3811	3818	3819	rBV2	7523	7370	2.01%	0.179%
38	13.389	3819	3825	3832	rVB	15392	23236	6.34%	0.564%
39	13.540	3863	3872	3874	rBV6	4152	5667	1.55%	0.138%
40	13.595	3883	3889	3893	rBV6	4185	5217	1.42%	0.127%
41	13.665	3902	3911	3925	rVB	42107	63715	17.37%	1.546%
42	13.759	3925	3940	3953	rBV2	46659	79505	21.68%	1.929%
43	13.829	3955	3962	3971	rVB4	6829	11531	3.14%	0.280%
44	13.964	3994	4004	4018	rVB5	7033	15150	4.13%	0.368%
45	14.070	4028	4037	4041	rBV8	3569	6175	1.68%	0.150%
46	14.144	4051	4060	4074	rBV2	26728	57676	15.73%	1.400%
47	14.283	4094	4103	4113	rBV2	19652	30678	8.36%	0.744%
48	14.350	4115	4124	4136	rVB5	20565	40511	11.05%	0.983%
49	14.418	4136	4145	4155	rVB5	9458	13919	3.80%	0.338%
50	14.501	4158	4171	4180	rBV4	17423	33617	9.17%	0.816%
51	14.553	4182	4187	4193	rVB4	3881	4250	1.16%	0.103%
52	14.627	4202	4210	4213	rBV5	3579	4299	1.17%	0.104%
53	14.672	4216	4224	4229	rBV3	22317	33669	9.18%	0.817%
54	14.742	4238	4246	4260	rVB5	25247	47983	13.08%	1.164%
55	14.823	4261	4271	4278	rBV7	8242	14479	3.95%	0.351%
56	14.887	4278	4291	4298	rBV8	7845	16351	4.46%	0.397%
57	14.935	4298	4306	4312	rBV3	10981	19579	5.34%	0.475%
58	15.064	4333	4346	4354	rVB8	6910	14407	3.93%	0.350%
59	15.228	4384	4397	4411	rBV10	5523	13414	3.66%	0.326%
60	15.395	4434	4449	4465	rVB4	21430	54372	14.83%	1.319%
61	15.476	4466	4474	4483	rBV9	7306	12747	3.48%	0.309%
62	15.620	4512	4519	4522	rBV4	5316	6952	1.90%	0.169%
63	15.701	4538	4544	4548	rBV4	3423	4645	1.27%	0.113%
64	15.730	4548	4553	4561	rVV5	4800	7115	1.94%	0.173%
65	15.881	4590	4600	4604	rBV10	5148	8982	2.45%	0.218%
66	15.980	4623	4631	4633	rBV4	3125	3860	1.05%	0.094%
67	16.064	4653	4657	4665	rVV8	3070	3937	1.07%	0.096%
68	16.109	4666	4671	4681	rVB10	4470	7285	1.99%	0.177%

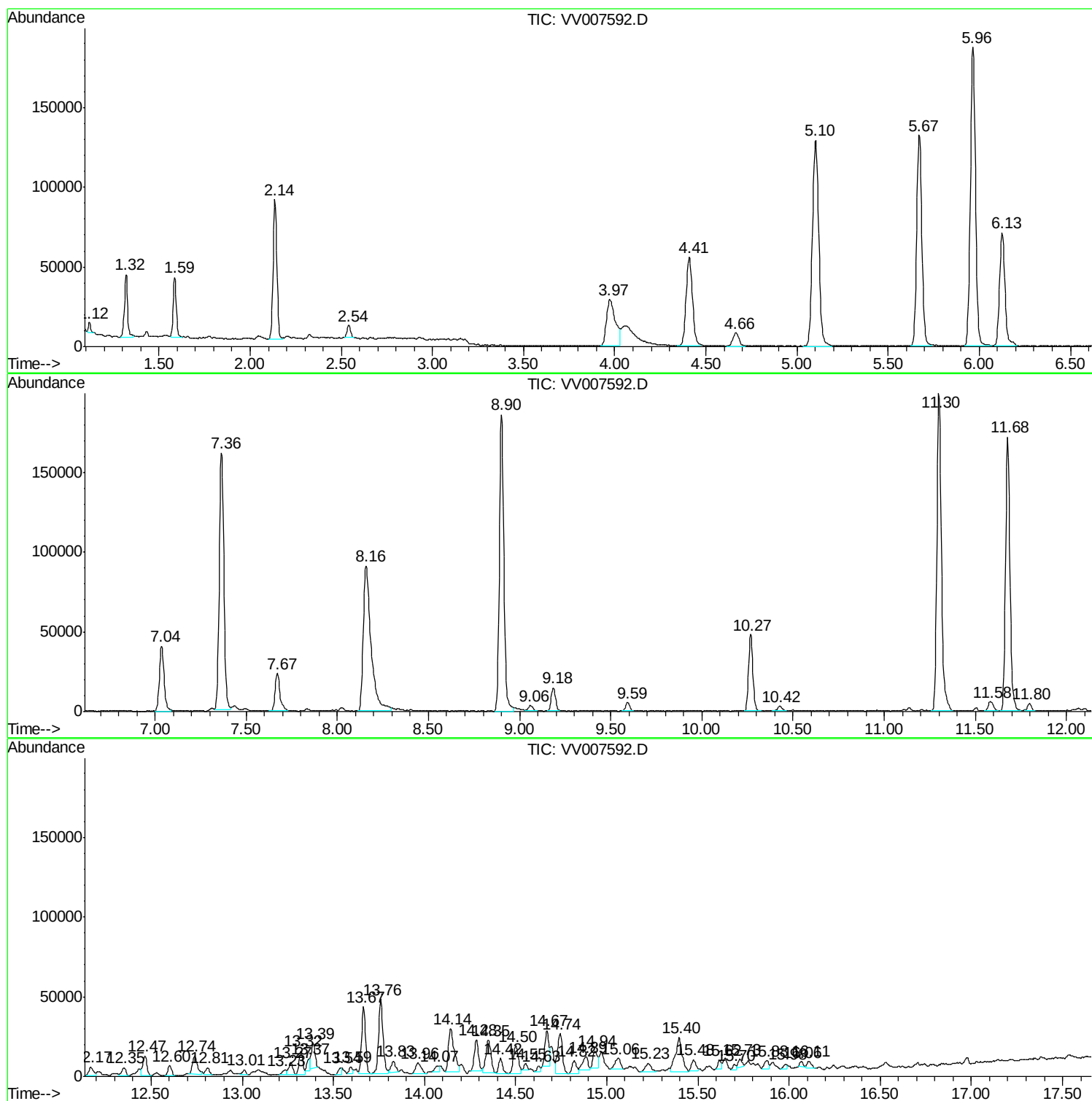
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ClientSampleId :
C0D11DL

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091318WMA.M
Quant Title : TRACE VOA SOM01.0

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



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Misc : 25.0 mL/MSVOA_V/WATER
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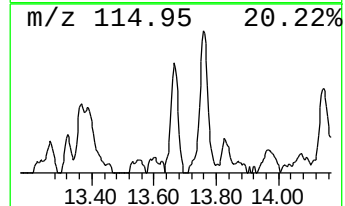
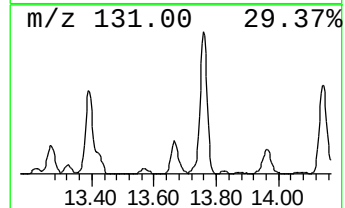
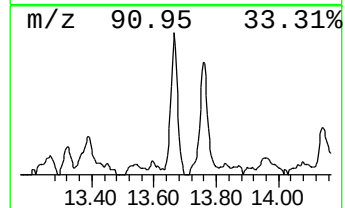
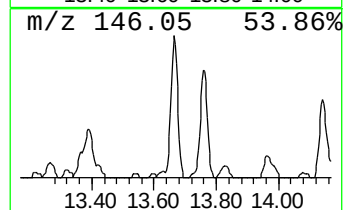
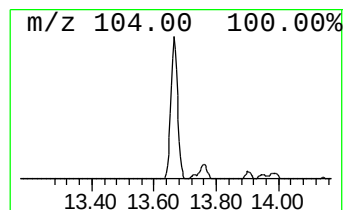
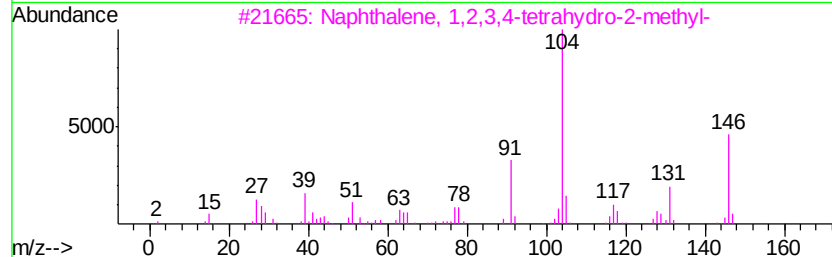
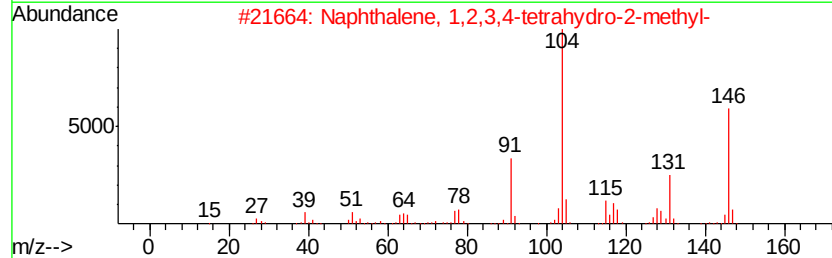
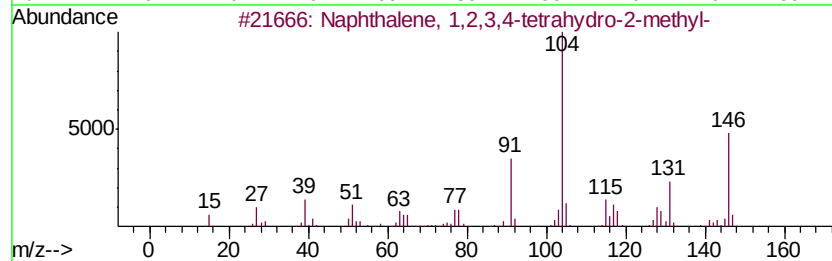
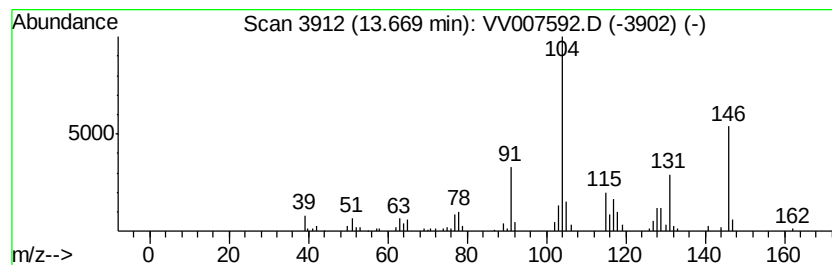
Instrument :
MSVOA_V
ClientSampleId :
C0D11DL

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091318WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 2 Naphthalene, 1,2,3,4-tetra... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	0.92 ug/L	63715	1,4-Dichlorobenzene-d4	11.30
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146 C11H14	003877-19-8	94
2	Naphthalene, 1,2,3,4-tetrahydro-...	146 C11H14	003877-19-8	83
3	Naphthalene, 1,2,3,4-tetrahydro-...	146 C11H14	003877-19-8	74
4	Naphthalene, 1,2,3,4-tetrahydro-...	146 C11H14	003877-19-8	70
5	2(1H)-Naphthalenone, 3,4-dihydro-	146 C10H10O	000530-93-8	64



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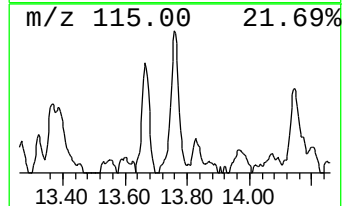
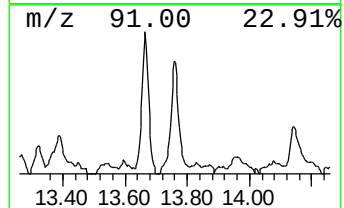
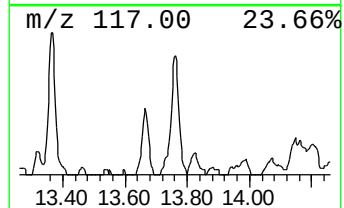
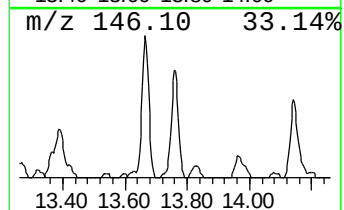
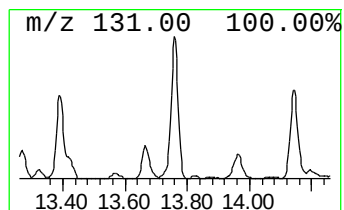
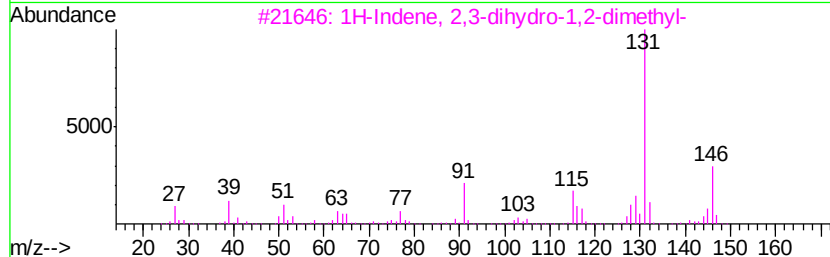
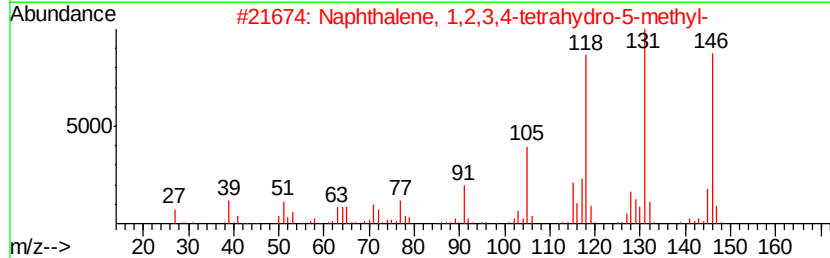
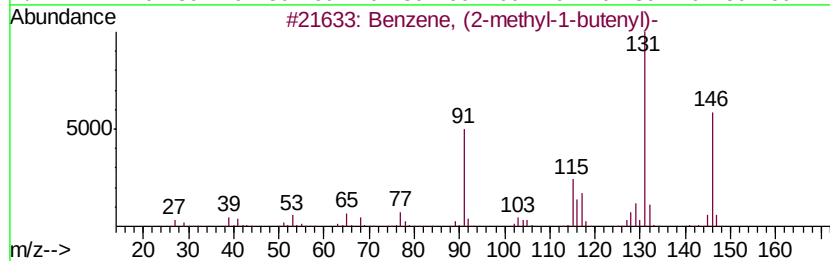
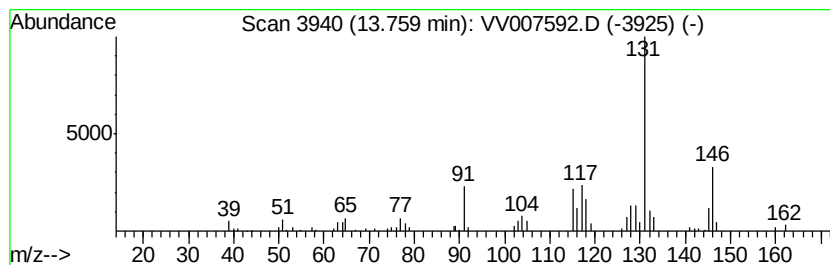
Instrument :
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ClientSampleId :
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 3 Benzene, (2-methyl-1-butenyl)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	1.15 ug/L	79505	1,4-Dichlorobenzene-d4	11.30
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, (2-methyl-1-butenyl)-	146 C11H14	056253-64-6 93
2		Naphthalene, 1,2,3,4-tetrahydro-...	146 C11H14	002809-64-5 91
3		1H-Indene, 2,3-dihydro-1,2-dimet...	146 C11H14	017057-82-8 91
4		1H-Indene, 2,3-dihydro-4,7-dimet...	146 C11H14	006682-71-9 91
5		Benzene, (1-methyl-1-butenyl)-	146 C11H14	053172-84-2 91



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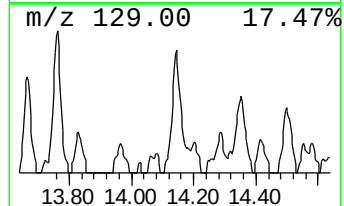
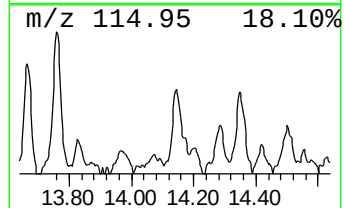
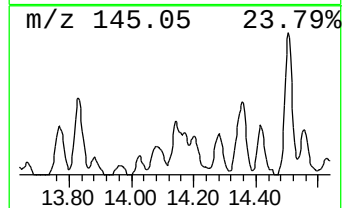
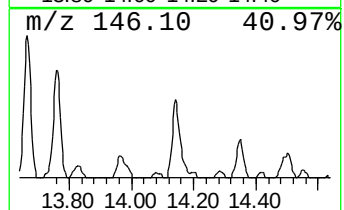
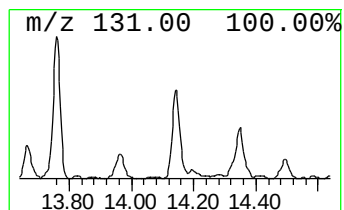
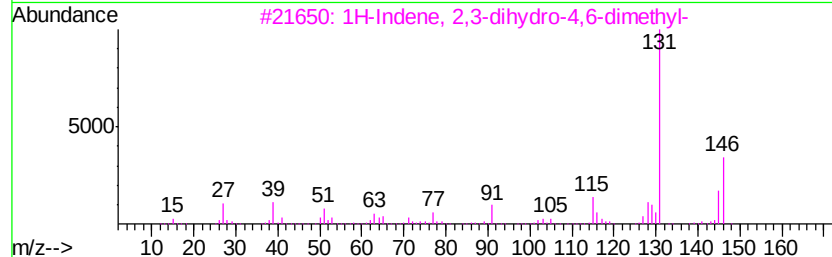
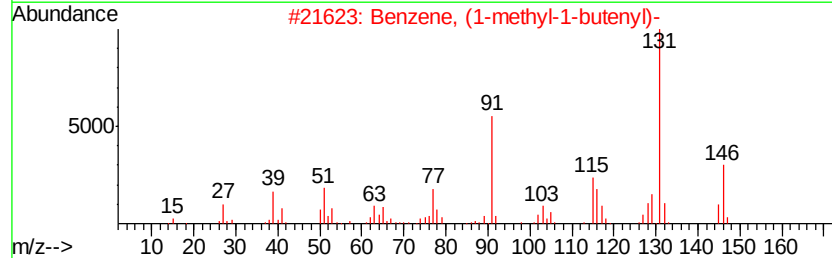
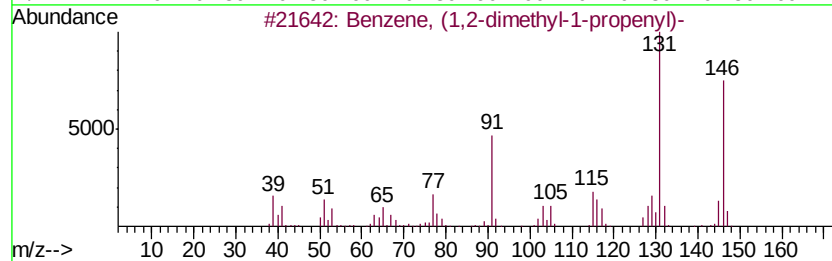
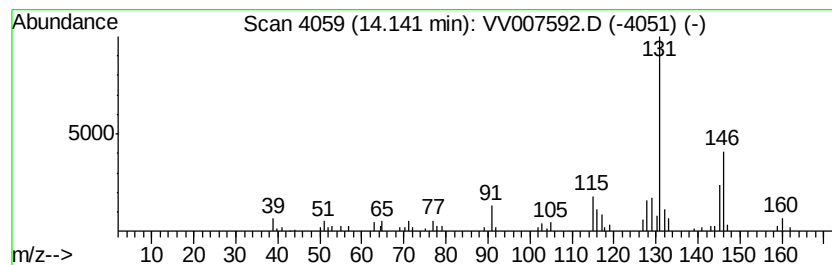
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, (1,2-dimethyl-1-propenyl)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.14	0.84 ug/L	57676	1,4-Dichlorobenzene-d4	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	95
2		Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	93
3		1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	93
4		1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	87
5		2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	87



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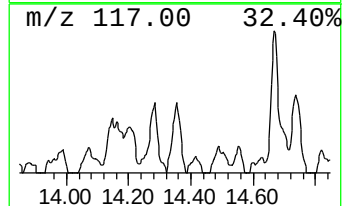
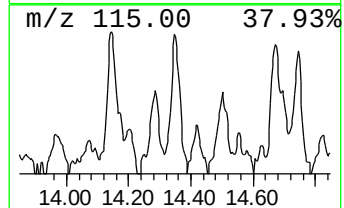
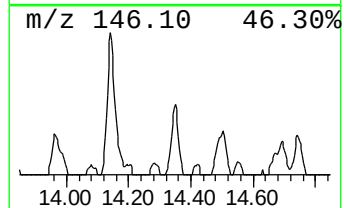
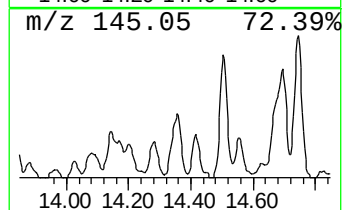
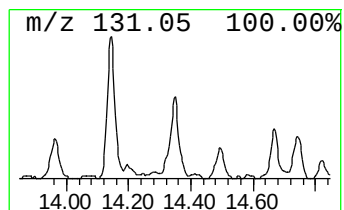
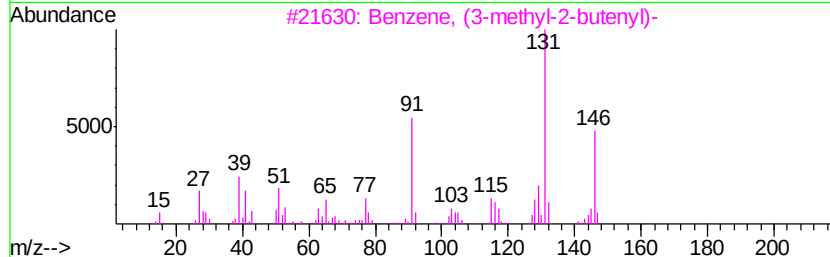
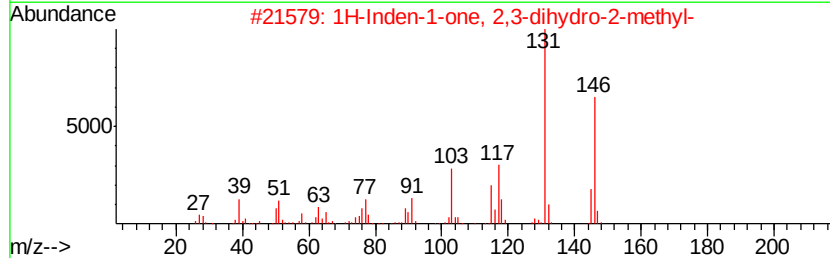
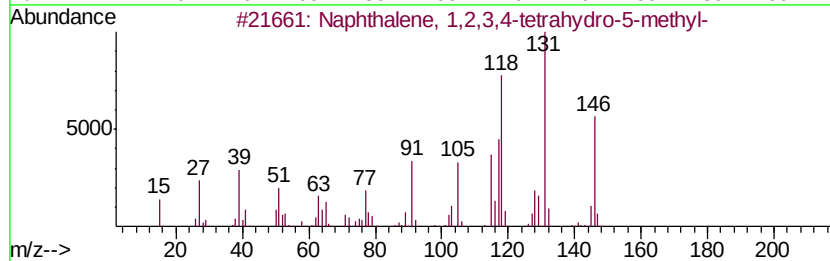
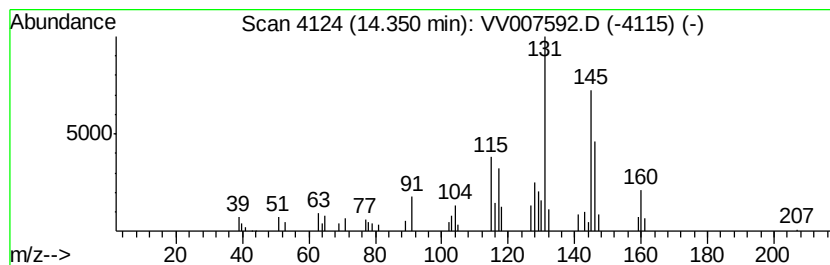
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TIC Integration Parameters: LSCINT.P

Peak Number 5 Naphthalene, 1,2,3,4-tetra... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.35	0.59 ug/L	40511	1,4-Dichlorobenzene-d4	11.30
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,2,3,4-tetrahydro-...	146 C11H14	002809-64-5 64
2		1H-Inden-1-one, 2,3-dihydro-2-me...	146 C10H10O	017496-14-9 60
3		Benzene, (3-methyl-2-butenyl)-	146 C11H14	004489-84-3 58
4		Benzene, (3-methyl-2-butenyl)-	146 C11H14	004489-84-3 53
5		2-(2-Hydroxyphenyl)buta-1,3-diene	146 C10H10O	038865-47-3 52



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV091718\
Data File : VV007592.D
Acq On : 17 Sep 2018 17:32
Operator : SY/MD
Sample : J4864-05DL 4X
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

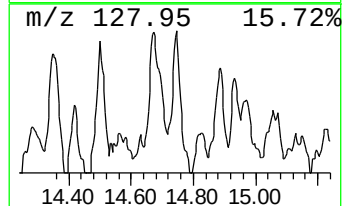
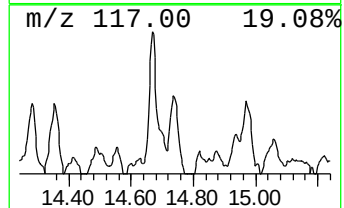
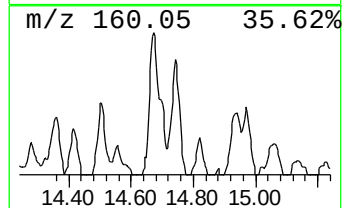
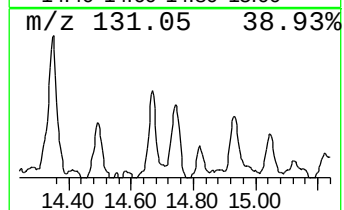
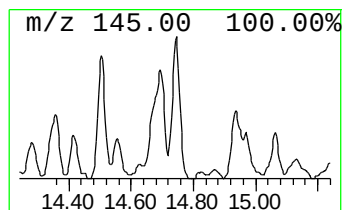
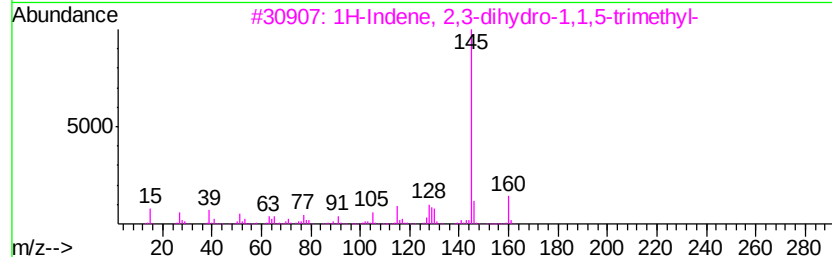
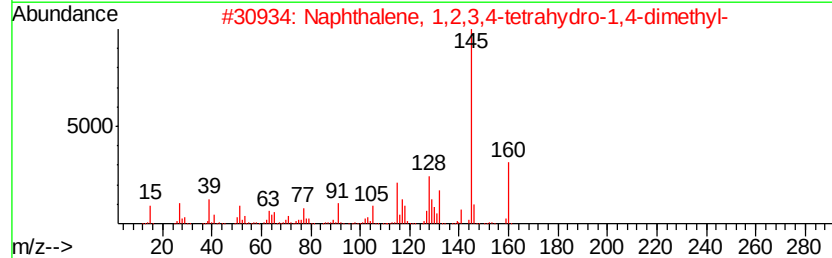
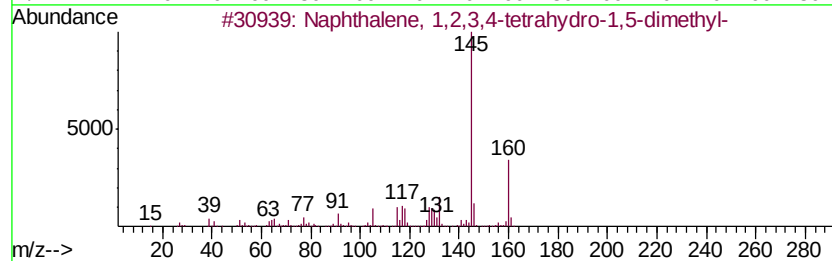
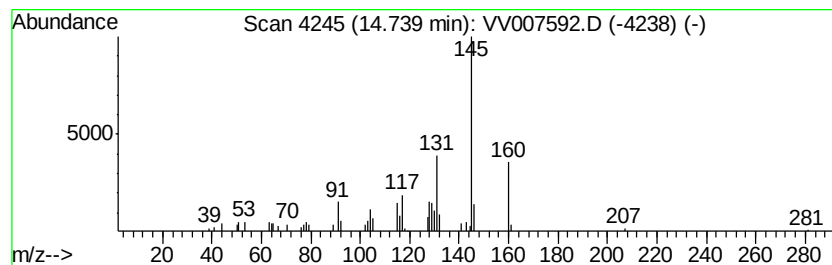
Instrument :
MSVOA_V
ClientSampleId :
C0D11DL

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091318WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 6 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.		
14.74	0.69 ug/L	47983	1,4-Dichlorobenzene-d4	11.30		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	90	
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	83	
3	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	83	
4	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	81	
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	80	



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV091718\
Data File : VV007592.D
Acq On : 17 Sep 2018 17:32
Operator : SY/MD
Sample : J4864-05DL 4X
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

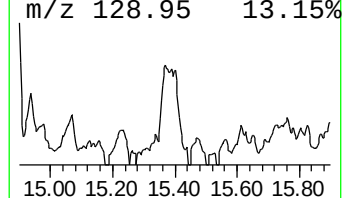
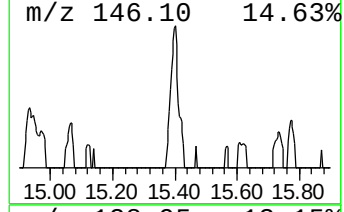
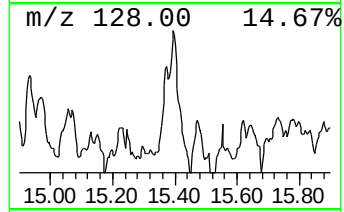
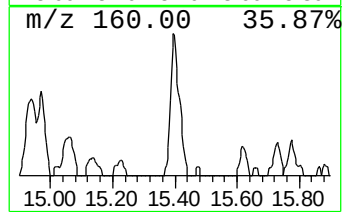
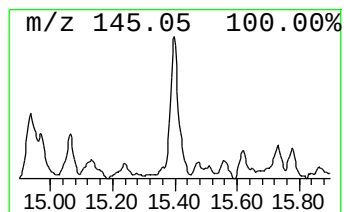
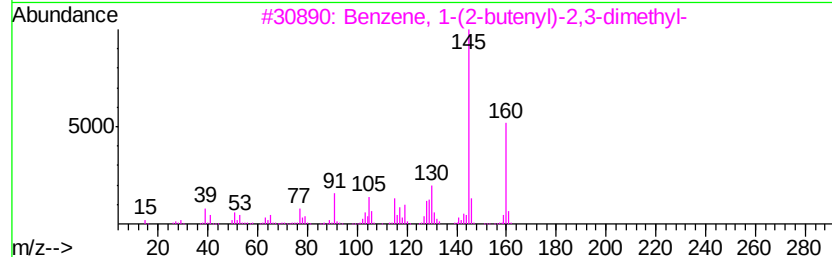
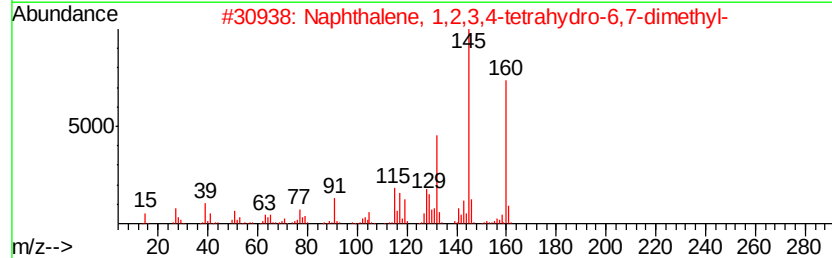
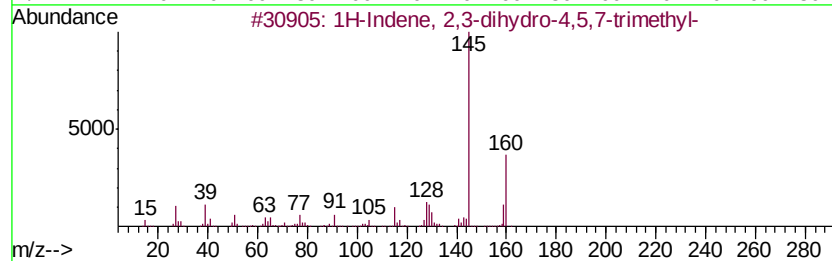
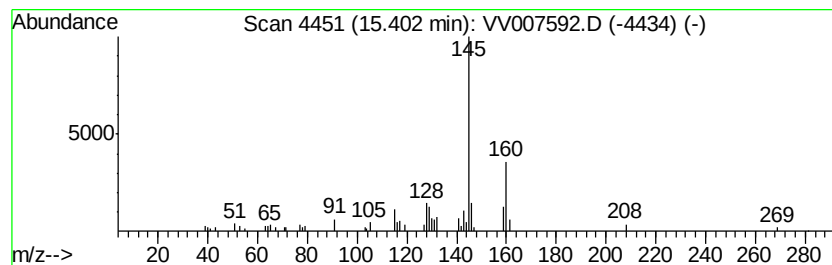
Instrument :
MSVOA_V
ClientSampleId :
C0D11DL

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091318WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 7 1H-Indene, 2,3-dihydro-4,5,... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.40	0.79 ug/L	54372	1,4-Dichlorobenzene-d4	11.30	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,5,7-tri...	160	C12H16	006682-06-0	95
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	93
3	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	91
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	91
5	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV091718\
Data File : VV007592.D
Acq On : 17 Sep 2018 17:32
Operator : SY/MD
Sample : J4864-05DL 4X
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0D11DL

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091318WMA.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
Naphthalene, 1,2,...	13.67	0.9	ug/L	63715	3	11.30	345233	5.0
Benzene, (2-methy...	13.76	1.1	ug/L	79505	3	11.30	345233	5.0
Benzene, (1,2-dim...	14.14	0.8	ug/L	57676	3	11.30	345233	5.0
Naphthalene, 1,2,...	14.35	0.6	ug/L	40511	3	11.30	345233	5.0
Naphthalene, 1,2,...	14.74	0.7	ug/L	47983	3	11.30	345233	5.0
1H-Indene, 2,3-di...	15.40	0.8	ug/L	54372	3	11.30	345233	5.0