

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090120\
 Data File : VD066511.D
 Acq On : 01 Sep 2020 22:09
 Operator : VA/SY
 Sample : L3853-01
 Misc : 6.46G/5.00ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 208

Integration Parameters: RTEINT.P

Integrator: RTE
 Smoothing : ON Filtering: 5
 Sampling : 1 Min Area: 3 % of largest Peak
 Start Thrs: 0.2 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_D\METHOD\82D082120S.M
 Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.967	505	518	528	rVB3	18030	55451	1.56%	0.541%
2	7.914	1009	1019	1024	rBV	121568	299841	8.46%	2.926%
3	7.973	1024	1029	1041	rVB2	236652	531448	14.99%	5.186%
4	8.326	1079	1089	1101	rVB	106793	243590	6.87%	2.377%
5	8.861	1171	1180	1192	rBV	312631	641324	18.09%	6.259%
6	10.337	1423	1431	1441	rBV	470100	858425	24.21%	8.377%
7	11.643	1645	1653	1663	rBV	452313	787764	22.22%	7.688%
8	12.631	1814	1821	1831	rVB	376897	652924	18.41%	6.372%
9	13.361	1931	1945	1958	rBV7	60464	324449	9.15%	3.166%
10	13.578	1975	1982	1989	rBV	451664	761526	21.48%	7.432%
11	14.584	2138	2153	2171	rVB	1105315	3545804	100.00%	34.603%
12	15.231	2251	2263	2275	rVV3	231096	820773	23.15%	8.010%
13	15.361	2279	2285	2292	rVV8	19923	50574	1.43%	0.494%
14	15.449	2293	2300	2305	rVV9	31578	89490	2.52%	0.873%
15	15.549	2308	2317	2333	rVB5	146371	503085	14.19%	4.910%
16	16.696	2505	2512	2518	rBV5	34703	80677	2.28%	0.787%

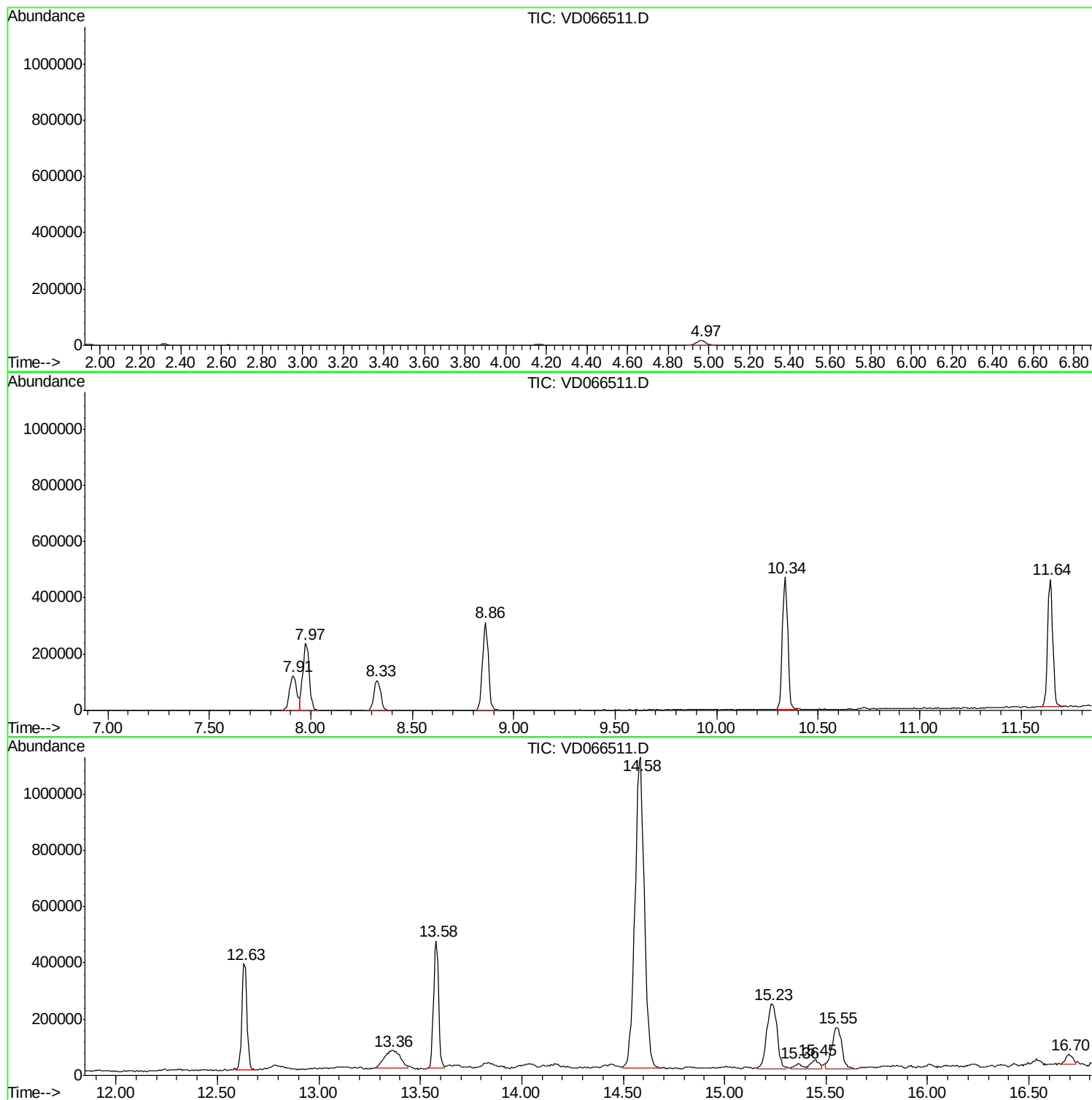
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
Quant Title : SW846 8260

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



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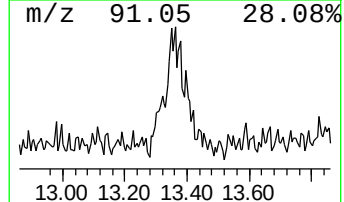
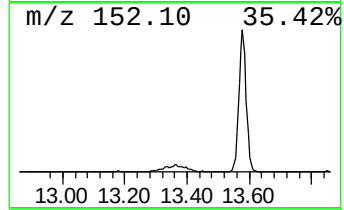
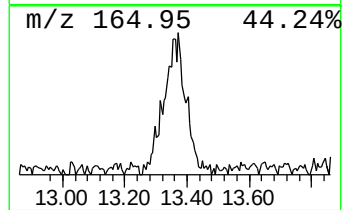
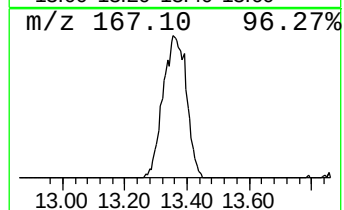
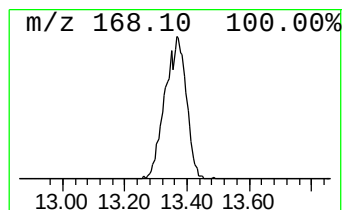
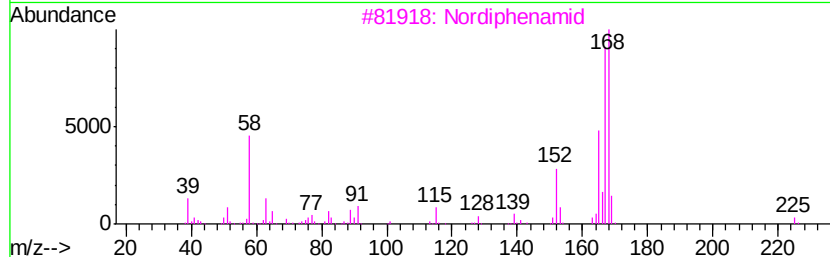
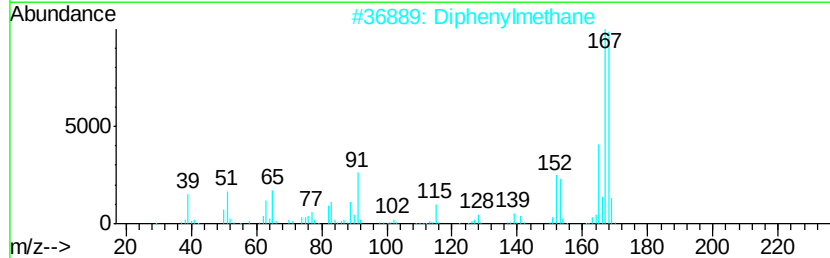
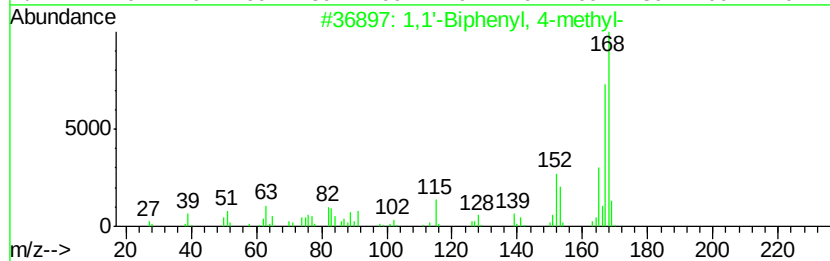
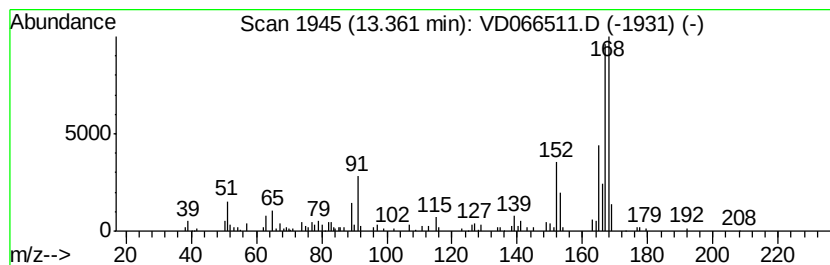
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Quant Title : SW846 8260

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

Peak Number 2 1,1'-Biphenyl, 4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.36	21.30 ug/l	324449	1,4-Dichlorobenzene-d4	13.58		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	81
2		Diphenylmethane	168	C13H12	000101-81-5	76
3		Nordiphenamid	225	C15H15NO	000954-21-2	72
4		Benzeneethanol, .alpha.,.alpha.,...	350	C26H22O	000981-24-8	72
5		1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	58



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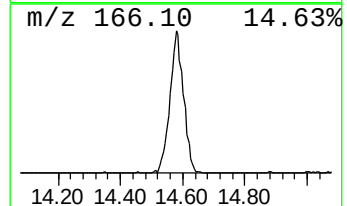
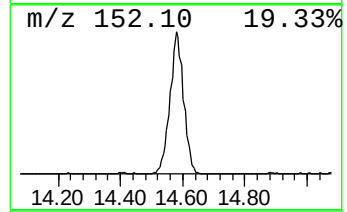
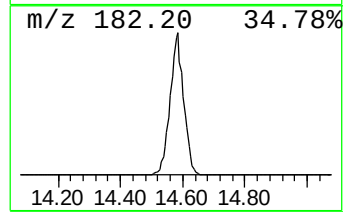
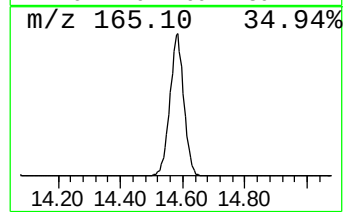
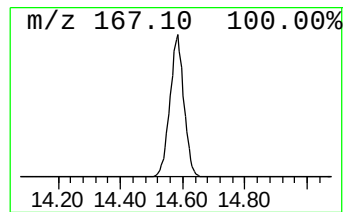
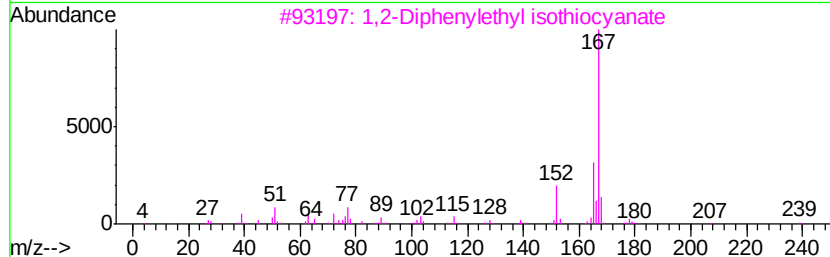
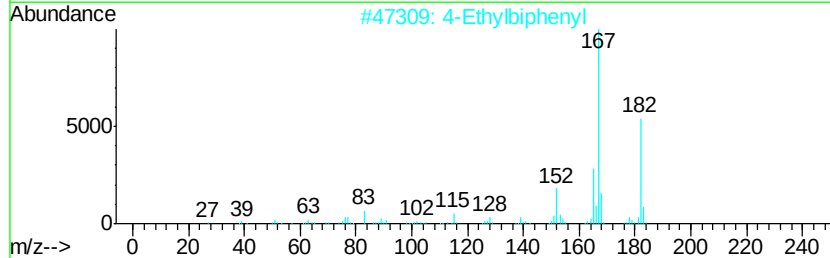
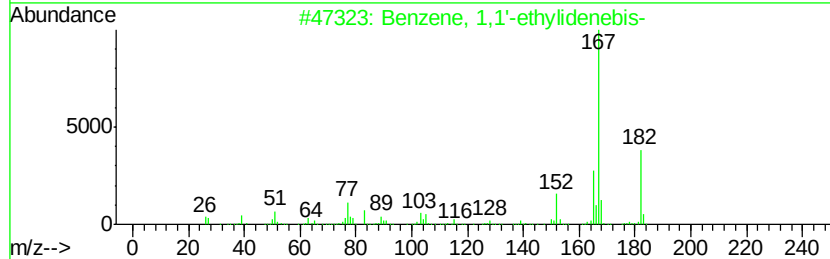
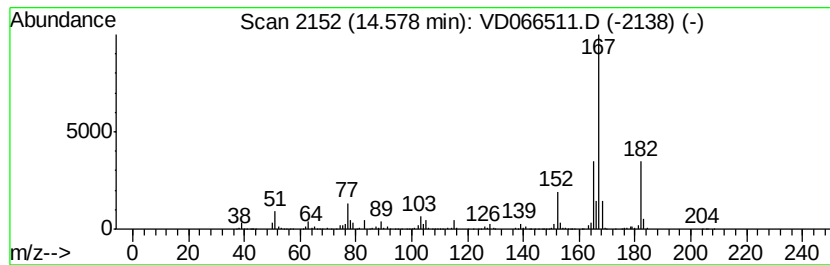
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 Quant Title : SW846 8260

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

 Peak Number 3 Benzene, 1,1'-ethylidenebis- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.58	232.81 ug/l	3545800	1,4-Dichlorobenzene-d4	13.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,1'-ethylidenebis-	182	C14H14	000612-00-0	97
2		4-Ethylbiphenyl	182	C14H14	005707-44-8	87
3		1,2-Diphenylethyl isothiocyanate	239	C15H13NS	1000134-54-2	74
4		Benzene, 1,1'-[[[4-methylphenyl)...	290	C20H18S	032110-49-9	72
5		Benzeneacetaldehyde, .alpha.-phe...	196	C14H12O	000947-91-1	68



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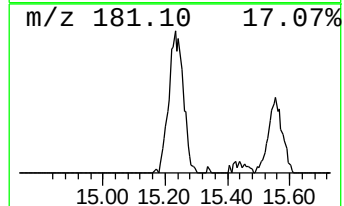
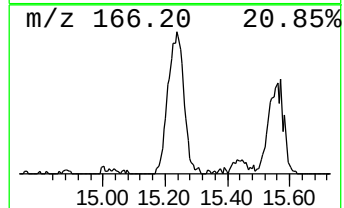
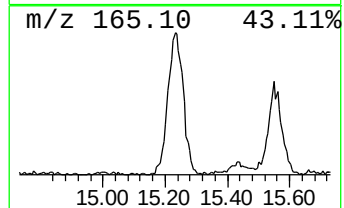
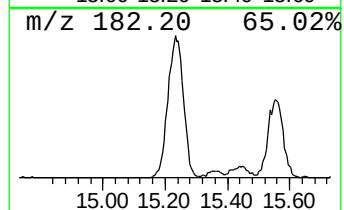
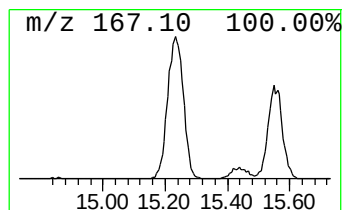
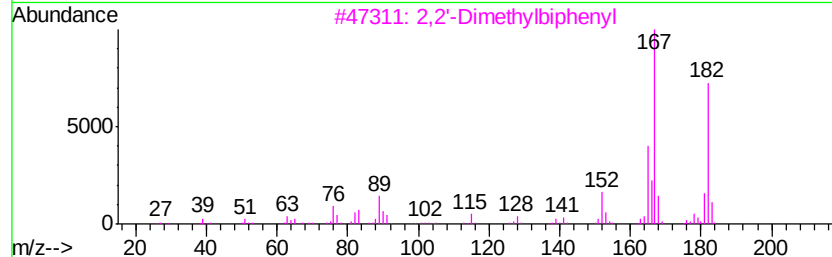
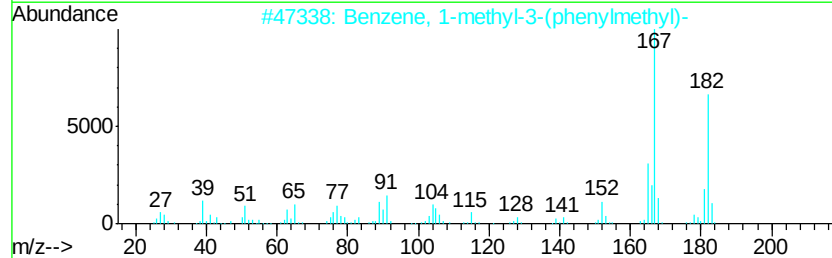
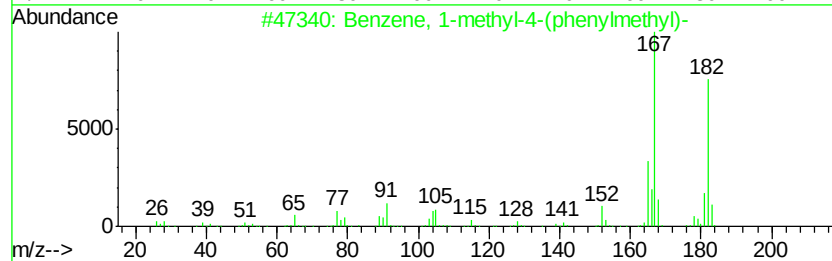
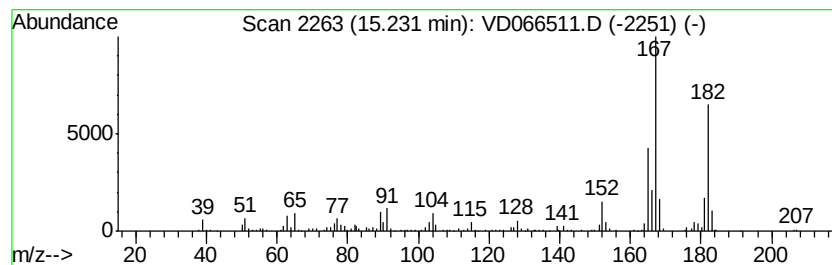
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Peak Number 4 Benzene, 1-methyl-4-(phenyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.23	53.89 ug/l	820773	1,4-Dichlorobenzene-d4	13.58

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1-methyl-4-(phenylmethyl)-	182	C14H14	000620-83-7	98
2		Benzene, 1-methyl-3-(phenylmethyl)-	182	C14H14	000620-47-3	96
3		2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	96
4		1,1'-Biphenyl, 2,4'-dimethyl-	182	C14H14	000611-61-0	94
5		1,1'-Biphenyl, 2,3'-dimethyl-	182	C14H14	000611-43-8	93



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208

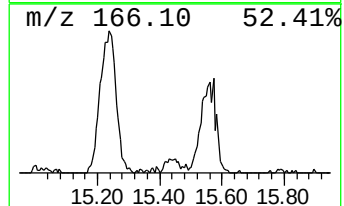
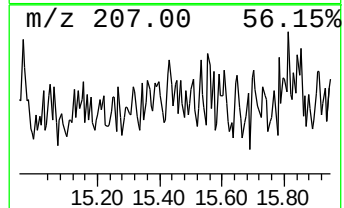
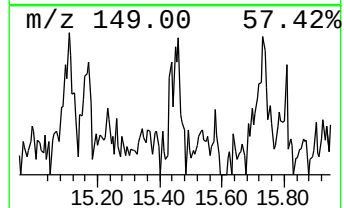
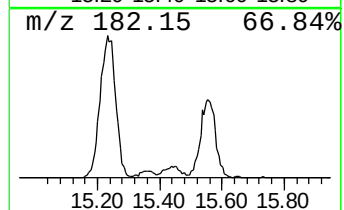
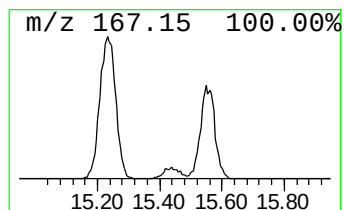
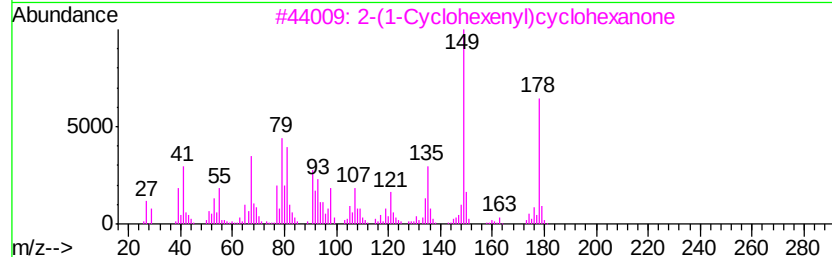
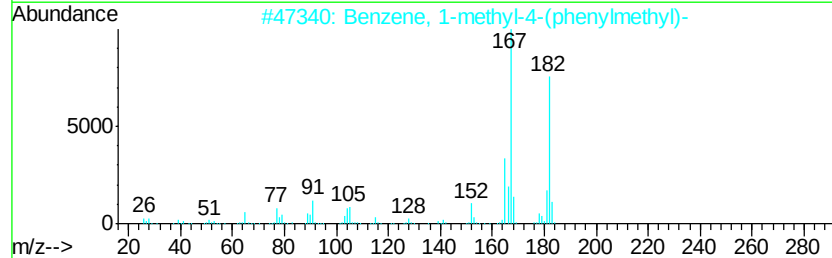
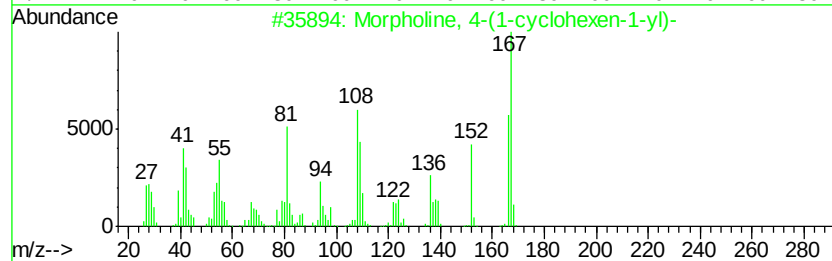
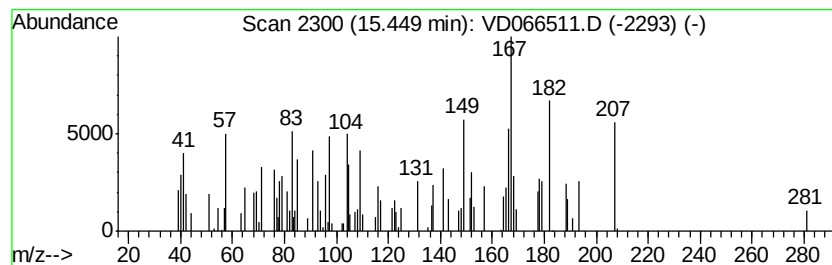
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Quant Title : SW846 8260

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

Peak Number 5 unknown15.45 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.45	5.88 ug/l	89490	1,4-Dichlorobenzene-d4	13.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Morpholine, 4-(1-cyclohexen-1-yl)-	167	C10H17NO	000670-80-4	22
2		Benzene, 1-methyl-4-(phenylmethyl)-	182	C14H14	000620-83-7	14
3		2-(1-Cyclohexenyl)cyclohexanone	178	C12H18O	001502-22-3	11
4		Cyclohexanone, 2-cyclohexylidene-	178	C12H18O	001011-12-7	11
5		4-Phenyl-3,4-dihydroisoquinoline	207	C15H13N	006187-58-2	11



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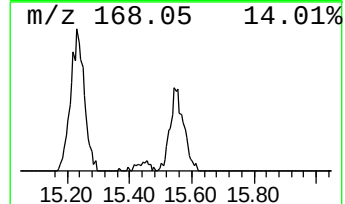
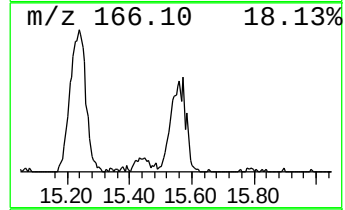
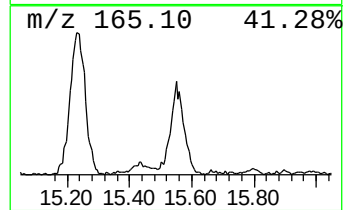
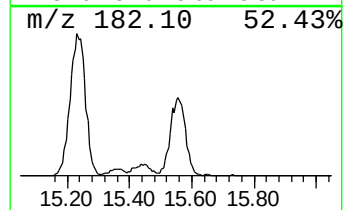
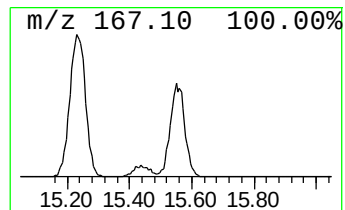
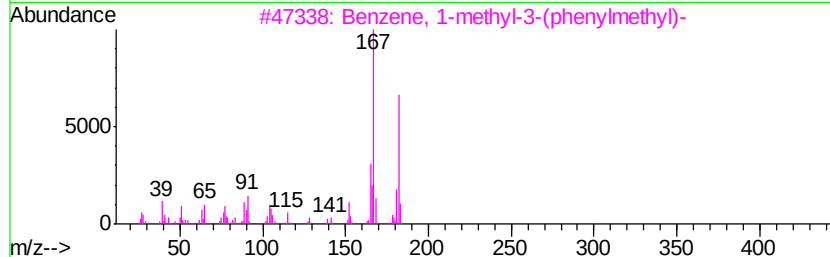
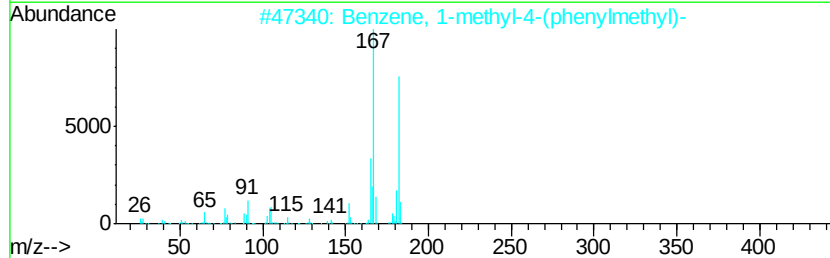
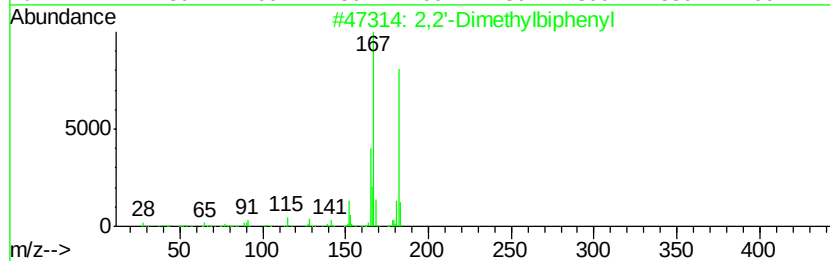
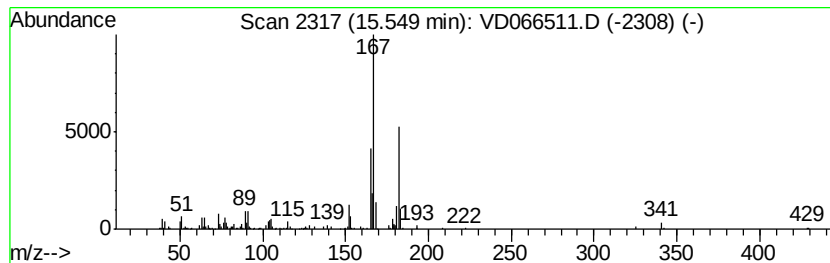
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 2,2'-Dimethylbiphenyl Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	33.03 ug/l	503085	1,4-Dichlorobenzene-d4	13.58
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2,2'-Dimethylbiphenyl	182 C14H14	000605-39-0	94
2	Benzene, 1-methyl-4-(phenylmethyl)-	182 C14H14	000620-83-7	94
3	Benzene, 1-methyl-3-(phenylmethyl)-	182 C14H14	000620-47-3	94
4	Benzene, 1-methyl-2-(phenylmethyl)-	182 C14H14	000713-36-0	91
5	1,1'-Biphenyl, 2-ethyl-	182 C14H14	001812-51-7	91



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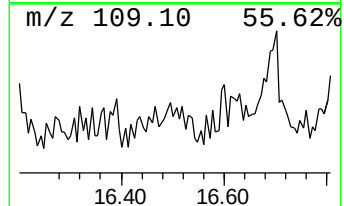
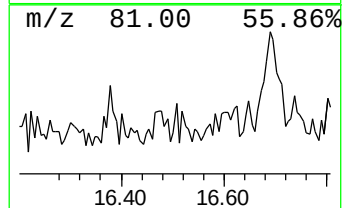
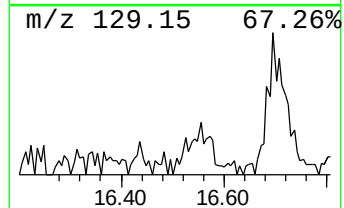
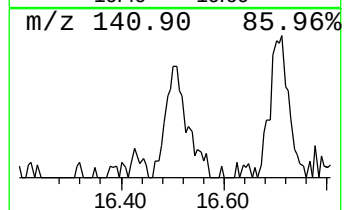
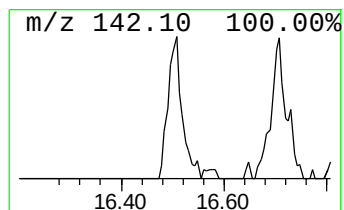
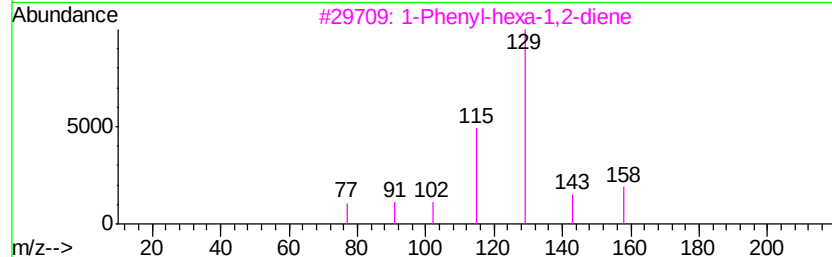
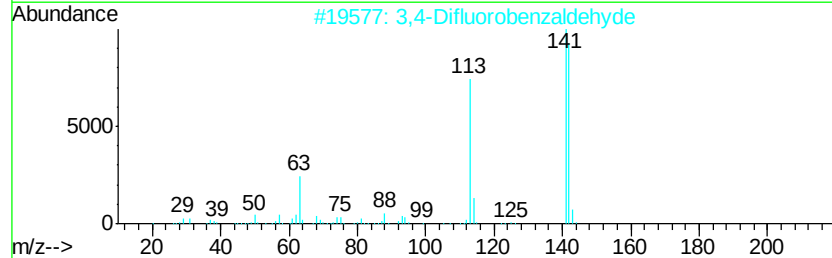
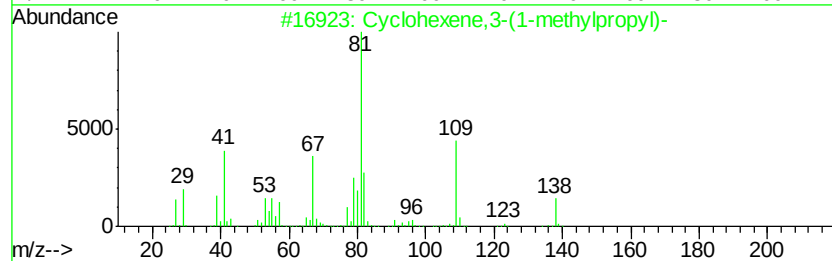
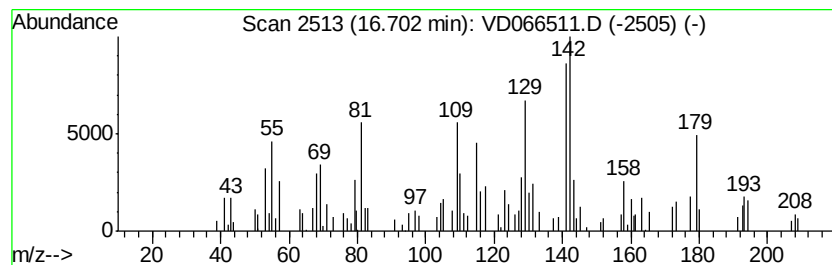
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 unknown16.70 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.70	5.30 ug/l	80677	1,4-Dichlorobenzene-d4	13.58	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene,3-(1-methylpropyl)-	138	C10H18	015232-91-4	14
2	3,4-Difluorobenzaldehyde	142	C7H4F2O	034036-07-2	11
3	1-Phenyl-hexa-1,2-diene	158	C12H14	1000146-04-1	11
4	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	11
5	Benzocycloheptatriene	142	C11H10	000264-09-5	11



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD090120\
Data File : VD066511.D
Acq On : 01 Sep 2020 22:09
Operator : VA/SY
Sample : L3853-01
Misc : 6.46G/5.00ml/MSVOA_D/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
208

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
Quant Title : SW846 8260

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

TIC Top Hit name	RT	EstConc	Units	Response	---Internal Standard---			
					#	RT	Resp	Conc
1,1'-Biphenyl, 4-...	13.36	21.3	ug/l	324449	4	13.58	761526	50.0
Benzene, 1,1'-eth...	14.58	232.8	ug/l	3545800	4	13.58	761526	50.0
Benzene, 1-methyl...	15.23	53.9	ug/l	820773	4	13.58	761526	50.0
unknown15.45	15.45	5.9	ug/l	89490	4	13.58	761526	50.0
2,2'-Dimethylbiph...	15.55	33.0	ug/l	503085	4	13.58	761526	50.0
unknown16.70	16.70	5.3	ug/l	80677	4	13.58	761526	50.0