

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042321\
 Data File : VD068963.D
 Acq On : 23 Apr 2021 13:11
 Operator : VA/SY
 Sample : M2107-16
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-33-10.5-11.0

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\82D040721S.M
 Title : SW846 8260

Signal : TIC: VD068963.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.156	372	380	393	rVB2	21907	65627	3.52%	0.452%
2	4.415	412	424	434	rBV2	13207	40483	2.17%	0.279%
3	4.973	509	519	531	rBV6	17006	55205	2.96%	0.380%
4	7.203	891	898	900	rBV3	10866	22194	1.19%	0.153%
5	7.920	1010	1020	1025	rBV	224436	550306	29.53%	3.791%
6	7.979	1025	1030	1041	rVB	407775	905069	48.57%	6.234%
7	8.332	1072	1090	1101	rBV2	167331	468912	25.16%	3.230%
8	8.867	1172	1181	1196	rBV	593031	1161699	62.34%	8.002%
9	10.338	1424	1431	1441	rBV	960993	1729091	92.79%	11.910%
10	10.720	1492	1496	1502	rVB2	16346	26945	1.45%	0.186%
11	11.244	1580	1585	1591	rVB3	22122	40831	2.19%	0.281%
12	11.355	1598	1604	1608	rBV6	12572	23609	1.27%	0.163%
13	11.455	1615	1621	1628	rVB4	25382	50674	2.72%	0.349%
14	11.644	1645	1653	1664	rBV	1003028	1744970	93.65%	12.020%
15	11.838	1680	1686	1689	rBV6	12178	24669	1.32%	0.170%
16	11.885	1689	1694	1699	rBV3	33798	67450	3.62%	0.465%
17	12.061	1718	1724	1725	rBV4	12923	19981	1.07%	0.138%
18	12.155	1732	1740	1745	rBV5	75037	179262	9.62%	1.235%
19	12.267	1756	1759	1763	rVB3	31414	42261	2.27%	0.291%
20	12.355	1763	1774	1776	rBV4	108454	248505	13.34%	1.712%
21	12.520	1798	1802	1809	rVB4	49209	90237	4.84%	0.622%
22	12.632	1814	1821	1827	rVB	911072	1489954	79.96%	10.263%
23	12.714	1827	1835	1839	rBV5	61688	147482	7.91%	1.016%
24	12.796	1844	1849	1855	rVB3	138776	241465	12.96%	1.663%
25	12.879	1855	1863	1866	rBV7	49419	115434	6.19%	0.795%
26	12.955	1868	1876	1881	rVV5	178873	431478	23.16%	2.972%
27	13.008	1881	1885	1889	rVV4	69463	111837	6.00%	0.770%
28	13.061	1889	1894	1899	rVV2	208569	389810	20.92%	2.685%
29	13.138	1903	1907	1910	rBV4	39811	66383	3.56%	0.457%
30	13.185	1910	1915	1923	rVB8	92202	208397	11.18%	1.435%
31	13.308	1928	1936	1939	rBV8	50105	100874	5.41%	0.695%
32	13.391	1947	1950	1954	rVB5	33826	41876	2.25%	0.288%
33	13.467	1954	1963	1974	rVV5	161030	463429	24.87%	3.192%
34	13.573	1974	1981	1989	rVB	1123443	1863374	100.00%	12.835%
35	13.708	2000	2004	2009	rVV5	49829	88575	4.75%	0.610%
36	13.755	2009	2012	2017	rVB6	16806	26314	1.41%	0.181%

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If leading or trailing edge < 100 prefer < Baseline drop else tangent >

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37	13.896	2030	2036	2041	rBV2	222350	410484	22.03%	2.827%
38	13.932	2041	2042	2047	rVB3	41564	48086	2.58%	0.331%
39	13.996	2049	2053	2056	rBV4	42485	66278	3.56%	0.457%
40	14.079	2063	2067	2070	rBV5	29470	52934	2.84%	0.365%
41	14.214	2086	2090	2097	rBV10	14502	31688	1.70%	0.218%
42	14.279	2097	2101	2107	rVV7	39983	81826	4.39%	0.564%
43	14.343	2109	2112	2117	rVV6	21853	43211	2.32%	0.298%
44	14.402	2117	2122	2138	rVB4	108868	251611	13.50%	1.733%
45	14.567	2144	2150	2155	rBV6	65190	108610	5.83%	0.748%
46	14.814	2189	2192	2198	rVB7	17282	29500	1.58%	0.203%
47	14.879	2199	2203	2206	rVB6	16577	25476	1.37%	0.175%
48	15.437	2292	2298	2303	rBV8	10206	23328	1.25%	0.161%

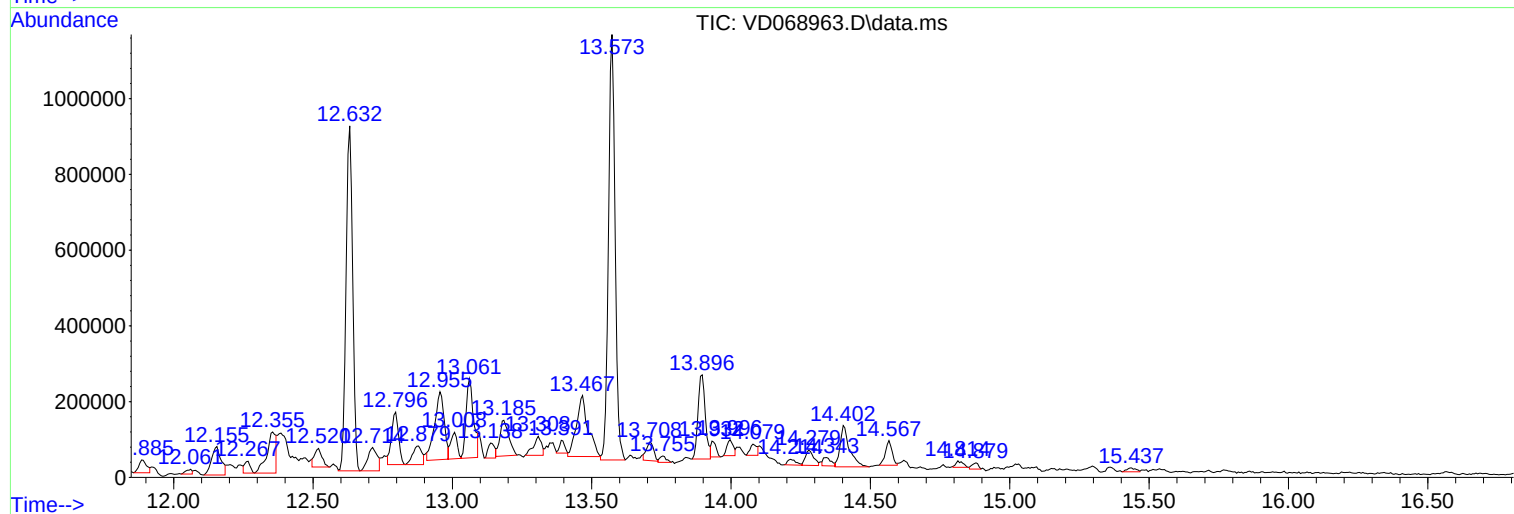
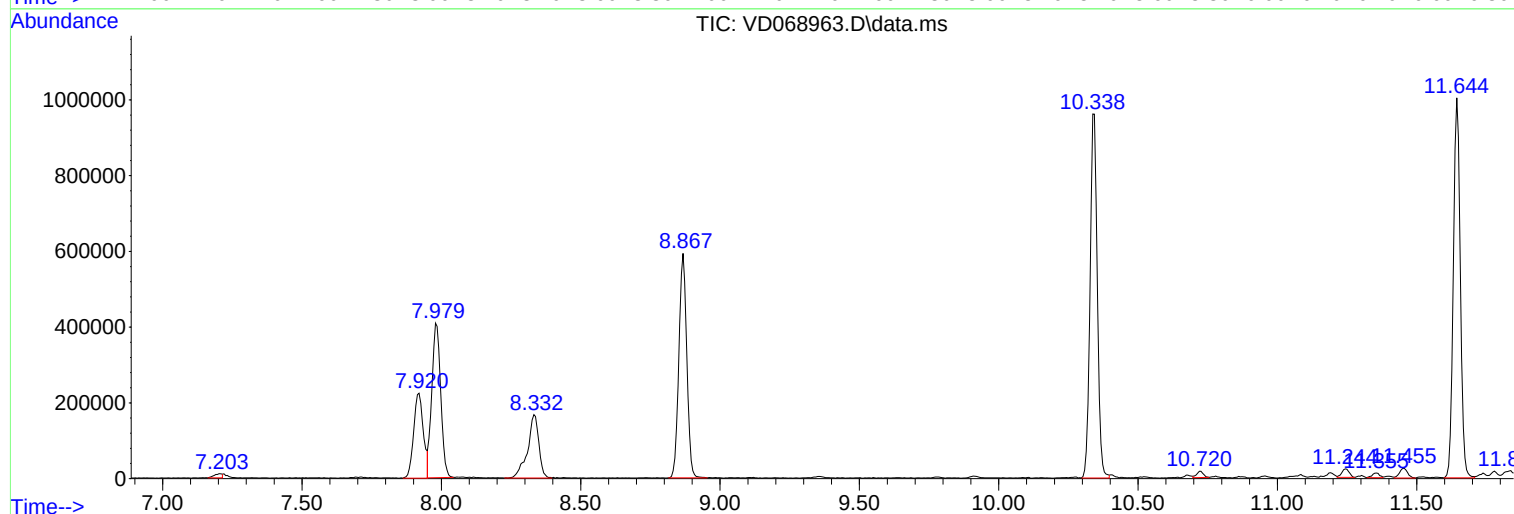
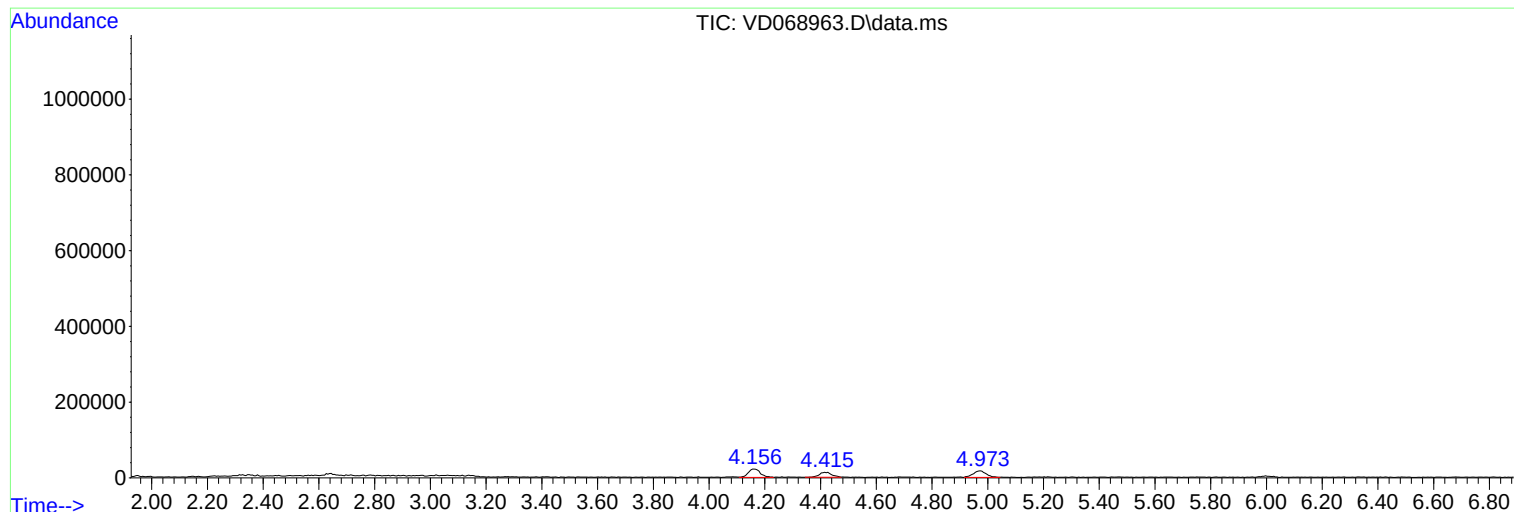
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260

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



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SB-33-10.5-11.0

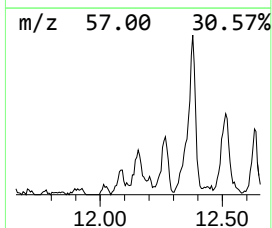
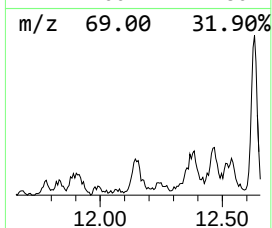
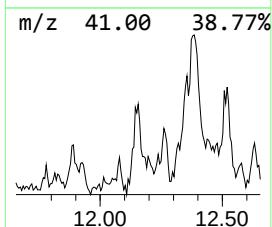
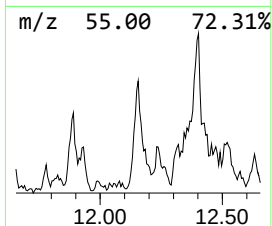
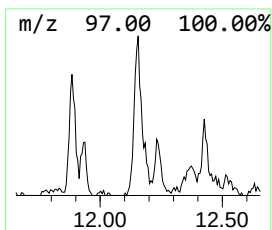
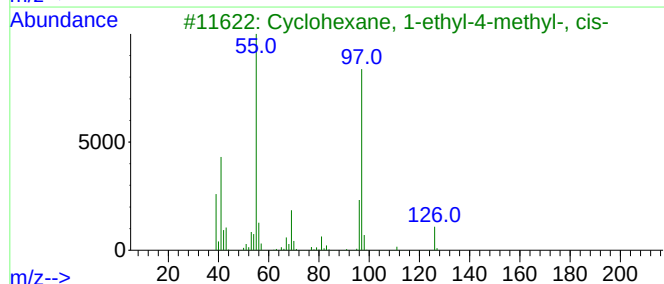
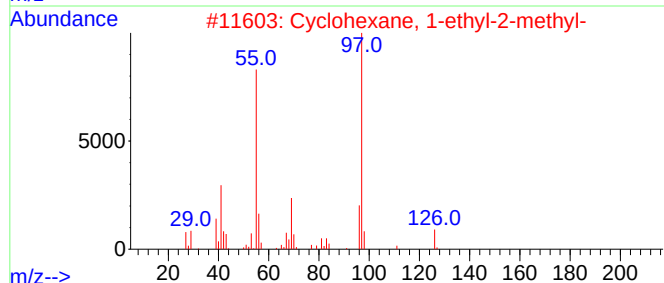
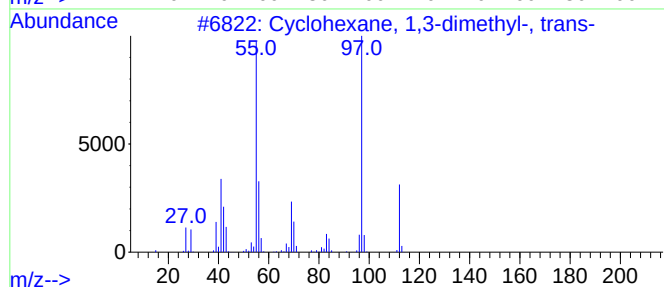
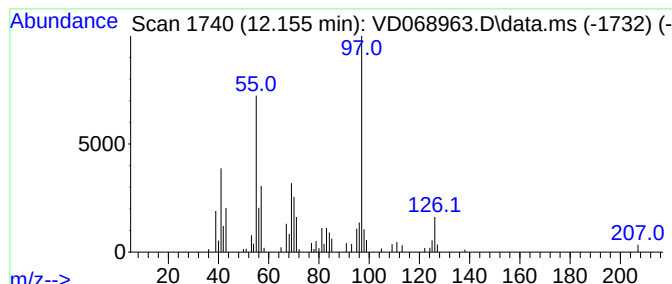
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260

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

Peak Number 1 Cyclohexane, 1,3-dimethyl-,... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.155	5.14 ug/l	179262	Chlorobenzene-d5	11.644

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	59
2			Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	58
3			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	58
4			Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	53
5			cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	52



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Misc : 5.01G/5.00ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

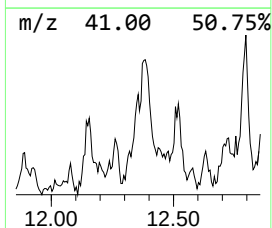
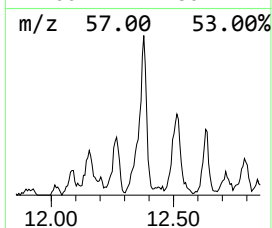
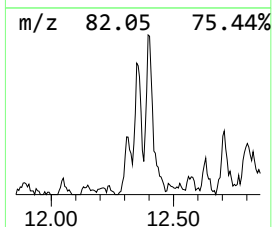
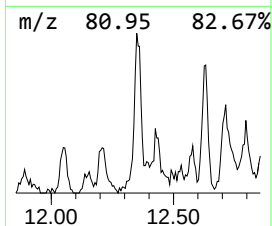
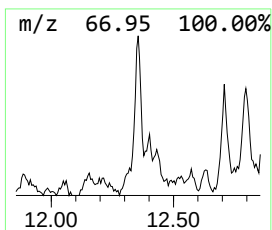
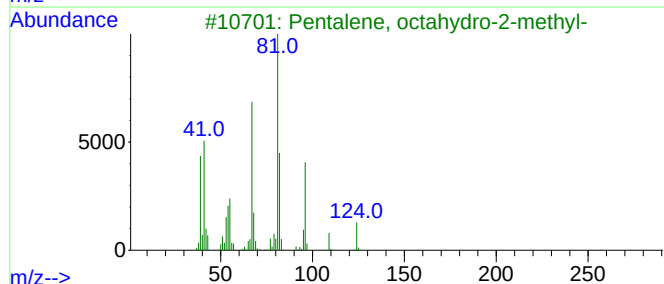
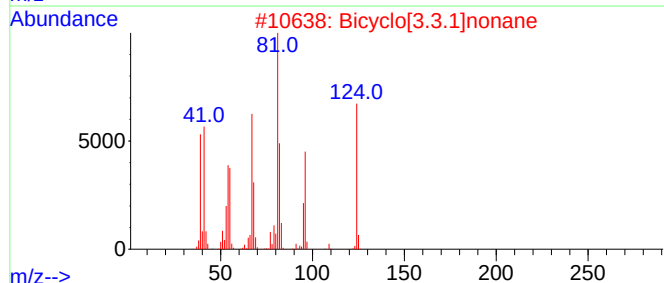
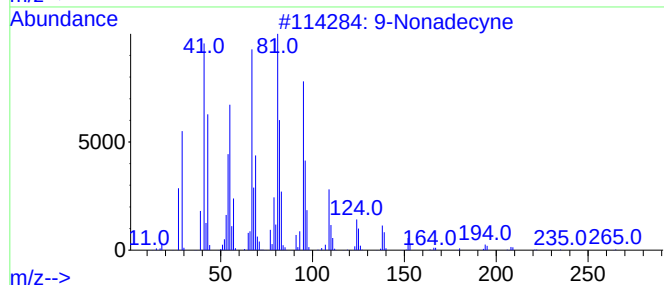
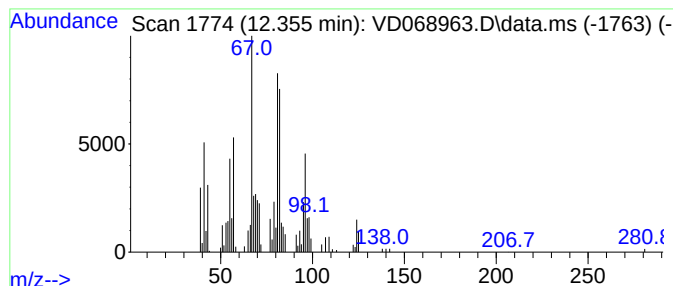
Instrument :
MSVOA_D
ClientSampleId :
SB-33-10.5-11.0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260

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

Peak Number 2 9-Nonadecyne Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.355	7.12 ug/l	248505	Chlorobenzene-d5	11.644	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Nonadecyne	264	C19H36	106073-69-2	59
2	Bicyclo[3.3.1]nonane	124	C9H16	000280-65-9	52
3	Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	43
4	6-Methyl-bicyclo[4.2.0]octan-7-one	138	C9H14O	1000193-87-2	43
5	1H-Indene, octahydro-, trans-	124	C9H16	003296-50-2	38



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Misc : 5.01G/5.00ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-33-10.5-11.0

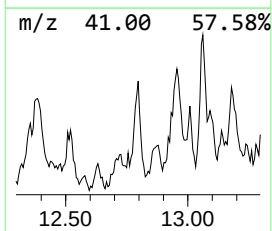
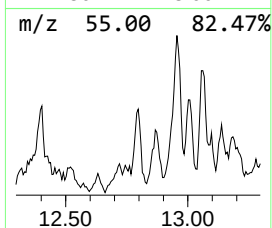
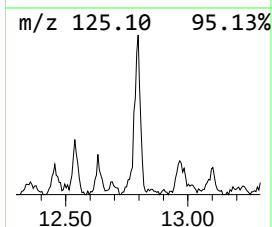
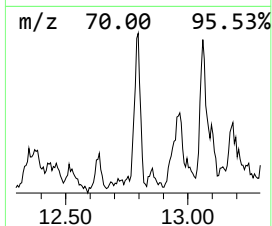
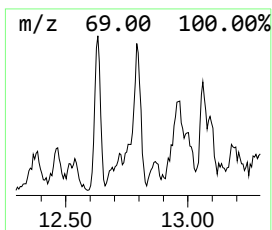
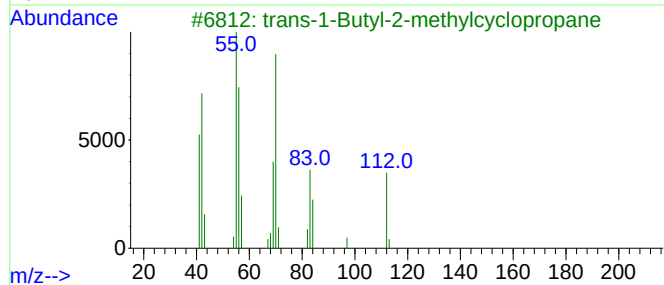
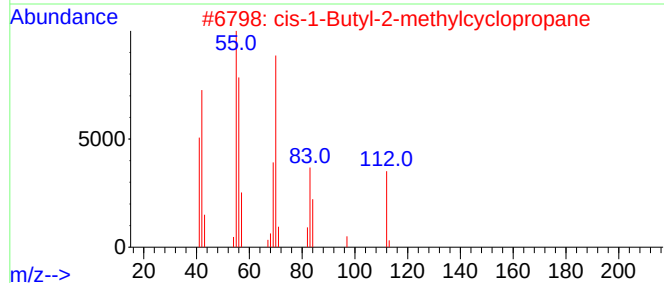
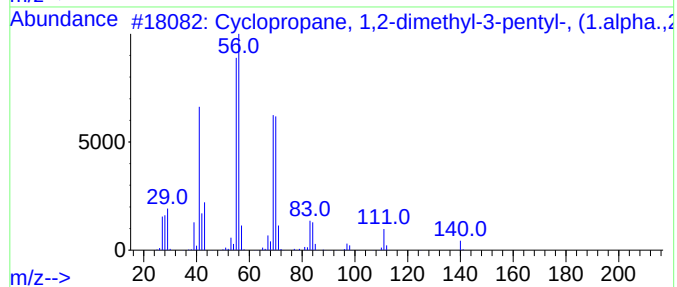
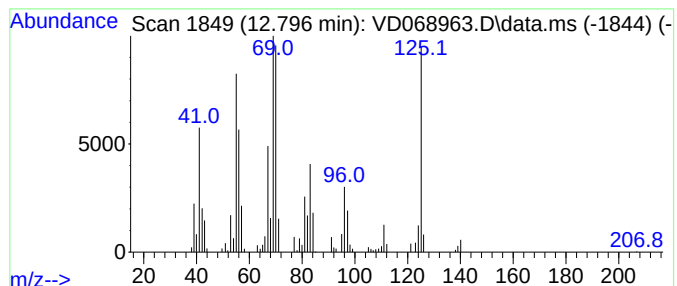
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260

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

Peak Number 3 unknown12.796 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.796	6.48 ug/l	241465	1,4-Dichlorobenzene-d4	13.573

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopropane, 1,2-dimethyl-3-pen...	140	C10H20	062238-10-2	42
2			cis-1-Butyl-2-methylcyclopropane	112	C8H16	038851-69-3	38
3			trans-1-Butyl-2-methylcyclopropane	112	C8H16	038851-70-6	38
4			2(1H)-Pyrimidinone, 4-amino-5-me...	125	C5H7N3O	000554-01-8	38
5			2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	38



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Instrument :
MSVOA_D
ClientSampleId :
SB-33-10.5-11.0

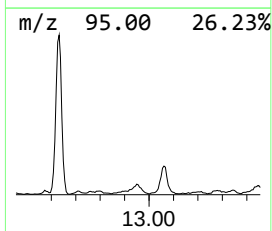
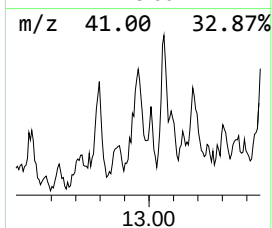
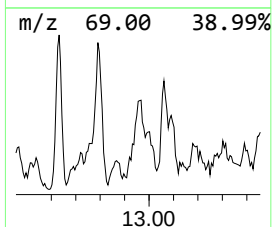
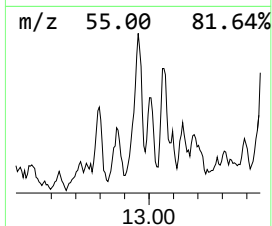
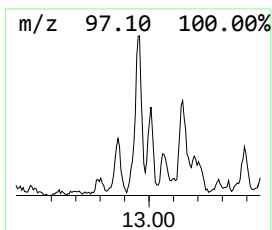
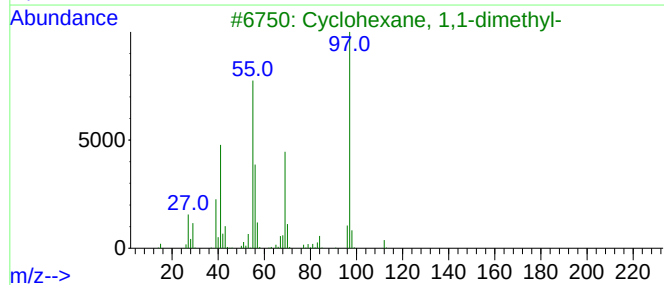
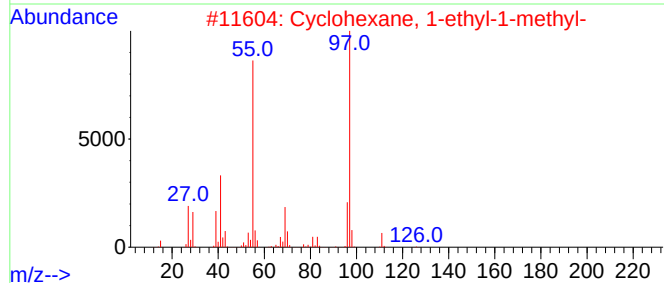
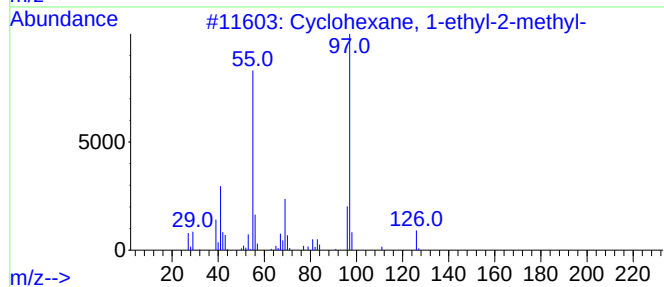
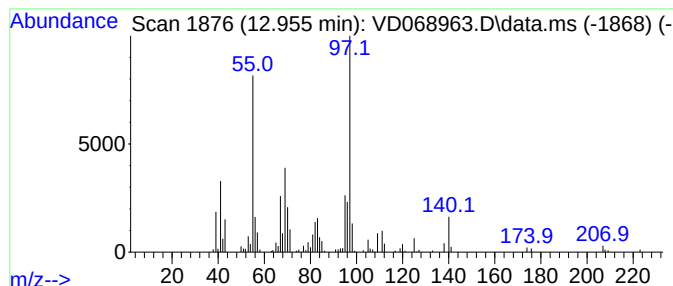
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260

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

Peak Number 4 Cyclohexane, 1-ethyl-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.955	11.58 ug/l	431478	1,4-Dichlorobenzene-d4	13.573

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	58
2			Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	58
3			Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	55
4			Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	46
5			2,5-Dimethyl-1-pyrroline	97	C6H11N	000822-64-0	43



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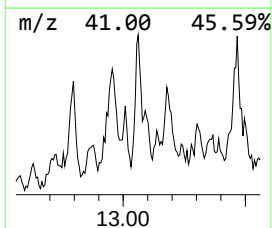
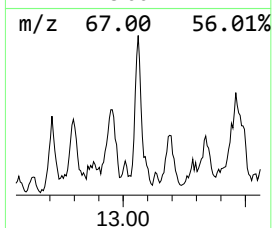
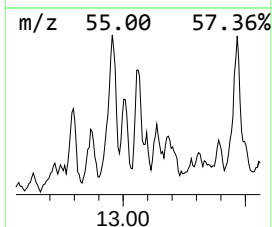
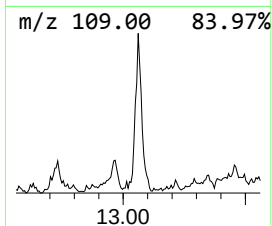
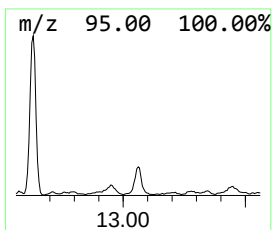
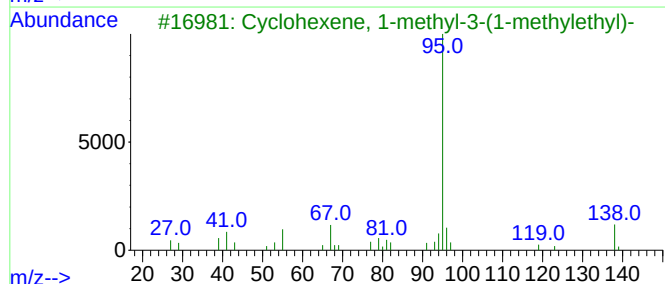
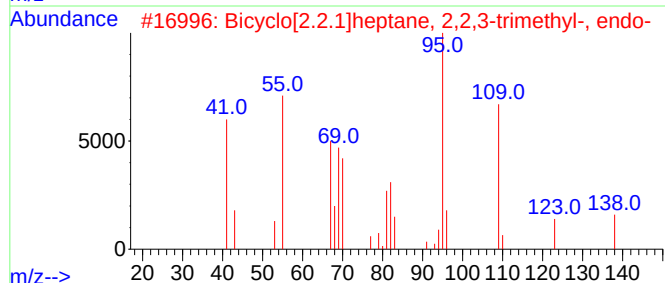
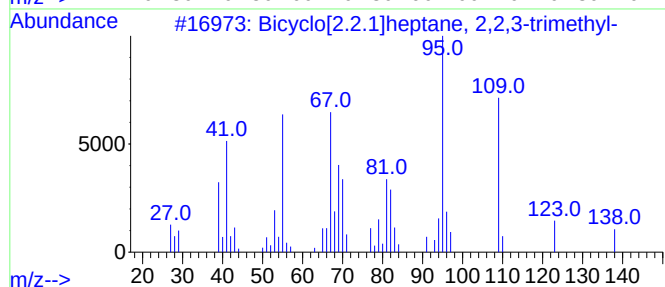
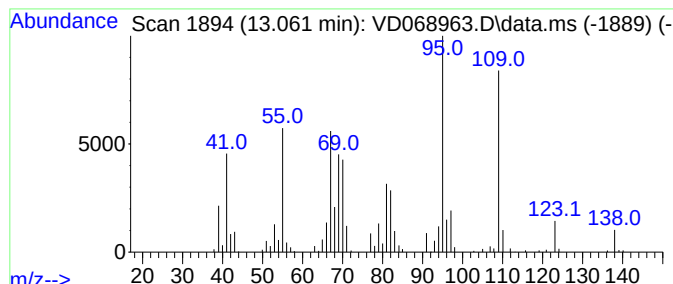
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Quant Title : SW846 8260

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

Peak Number 5 Bicyclo[2.2.1]heptane, 2,2,... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.061	10.46 ug/l	389810	1,4-Dichlorobenzene-d4	13.573

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	000473-19-8	95
2			Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-40-7	43
3			Cyclohexene, 1-methyl-3-(1-methy...	138	C10H18	013828-31-4	43
4			3-Heptyne, 5-ethyl-5-methyl-	138	C10H18	061228-10-2	38
5			1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042321\
Data File : VD068963.D
Acq On : 23 Apr 2021 13:11
Operator : VA/SY
Sample : M2107-16
Misc : 5.01G/5.00ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-33-10.5-11.0

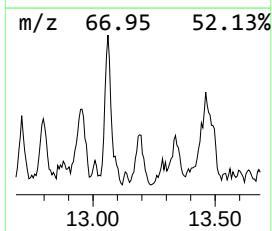
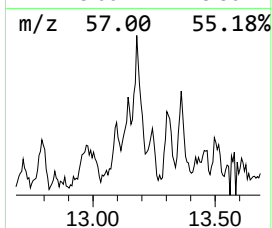
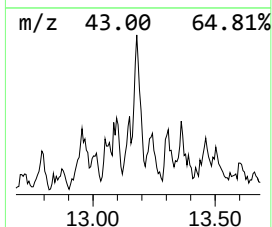
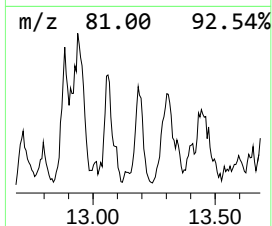
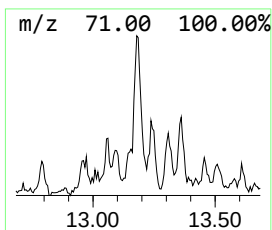
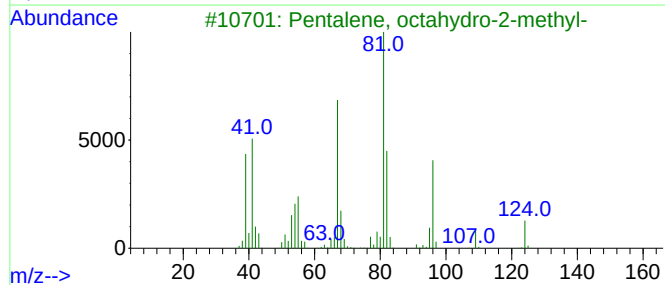
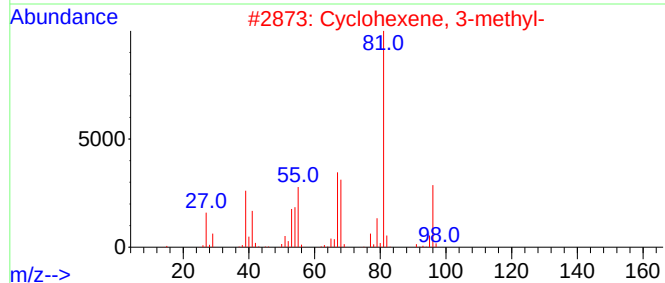
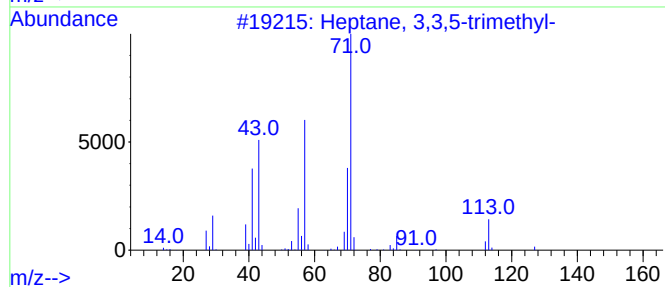
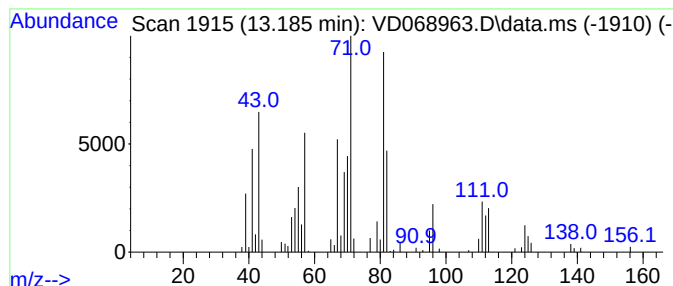
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Quant Title : SW846 8260

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

Peak Number 6 unknown13.185 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.185	5.59 ug/l	208397	1,4-Dichlorobenzene-d4	13.573

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	27
2			Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	25
3			Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	25
4			Cyclopentane, 1-methyl-2-methylene-	96	C7H12	041158-41-2	22
5			Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042321\
Data File : VD068963.D
Acq On : 23 Apr 2021 13:11
Operator : VA/SY
Sample : M2107-16
Misc : 5.01G/5.00ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-33-10.5-11.0

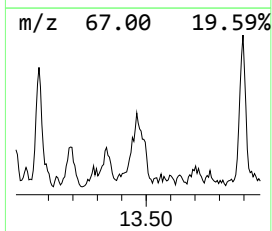
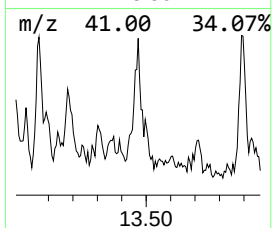
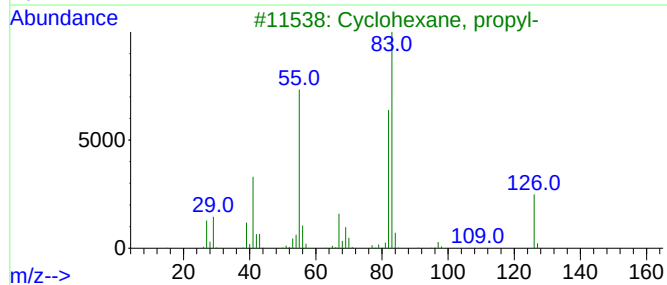
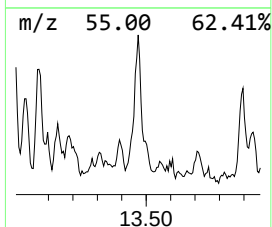
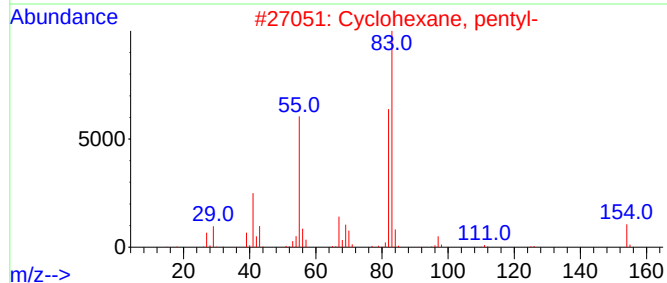
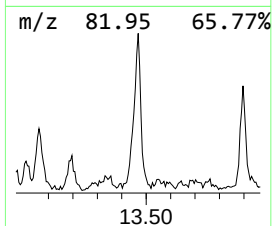
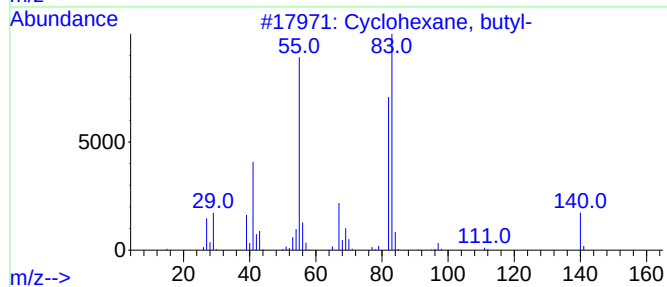
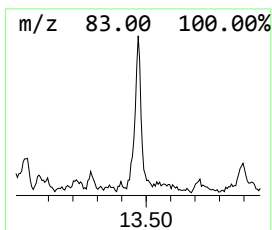
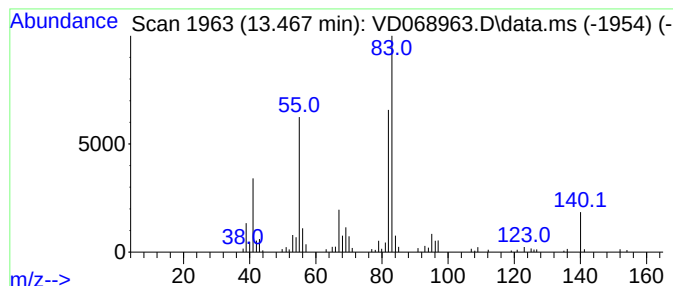
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Quant Title : SW846 8260

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

Peak Number 7 Cyclohexane, butyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.467	12.44 ug/l	463429	1,4-Dichlorobenzene-d4	13.573

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, butyl-	140	C10H20	001678-93-9	91
2			Cyclohexane, pentyl-	154	C11H22	004292-92-6	90
3			Cyclohexane, propyl-	126	C9H18	001678-92-8	87
4			Cyclohexane, octyl-	196	C14H28	001795-15-9	86
5			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042321\
Data File : VD068963.D
Acq On : 23 Apr 2021 13:11
Operator : VA/SY
Sample : M2107-16
Misc : 5.01G/5.00ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-33-10.5-11.0

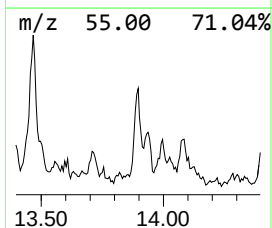
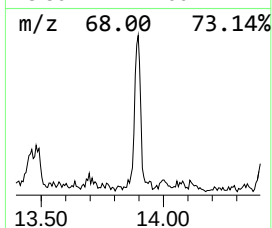
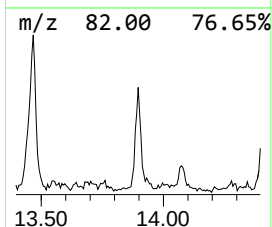
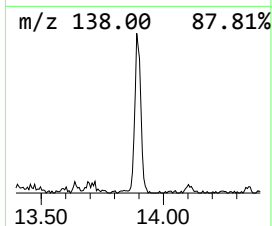
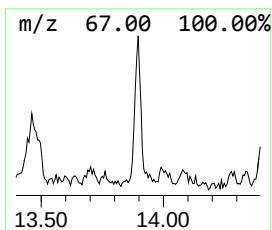
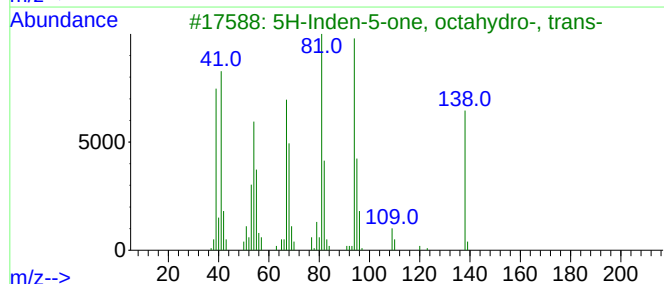
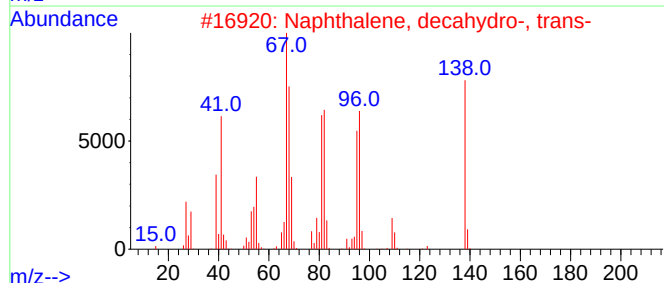
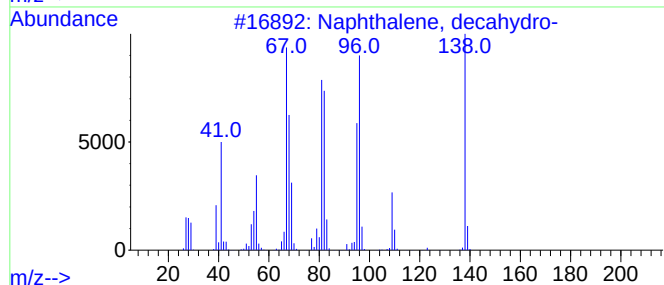
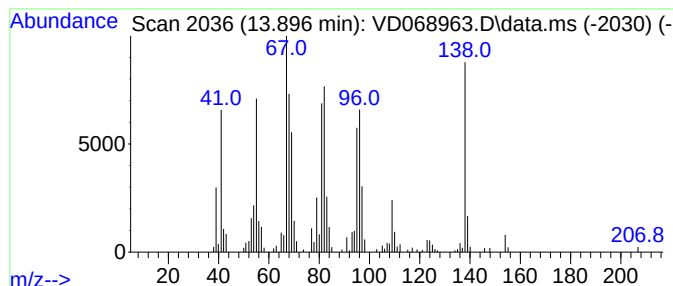
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Quant Title : SW846 8260

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

Peak Number 8 Naphthalene, decahydro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.896	11.01 ug/l	410484	1,4-Dichlorobenzene-d4	13.573

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-	138	C10H18	000091-17-8	95
2			Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	94
3			5H-Inden-5-one, octahydro-, trans-	138	C9H14O	004668-81-9	80
4			2H-Inden-2-one, octahydro-, cis-	138	C9H14O	005689-04-3	80
5			Spiro[4.5]decane	138	C10H18	000176-63-6	74



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042321\
Data File : VD068963.D
Acq On : 23 Apr 2021 13:11
Operator : VA/SY
Sample : M2107-16
Misc : 5.01G/5.00ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-33-10.5-11.0

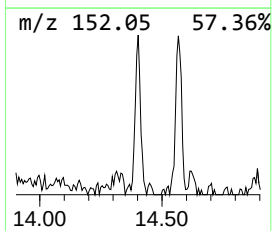
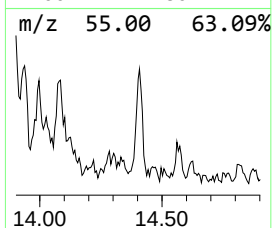
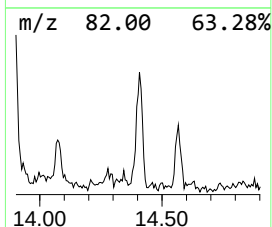
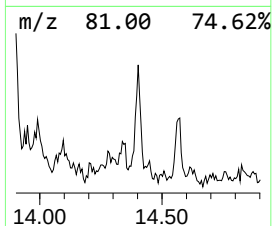
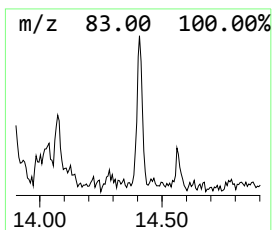
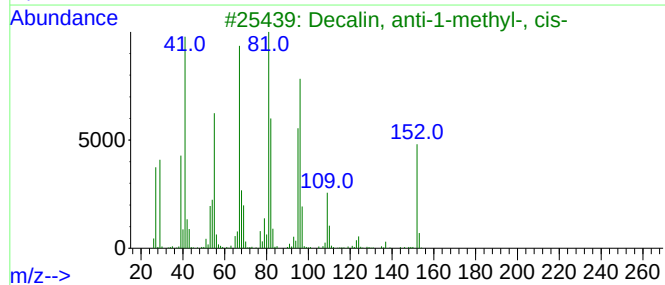
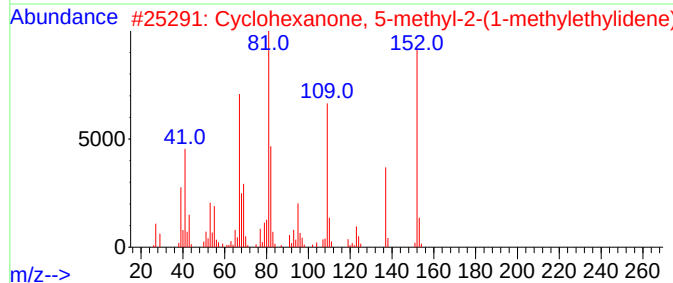
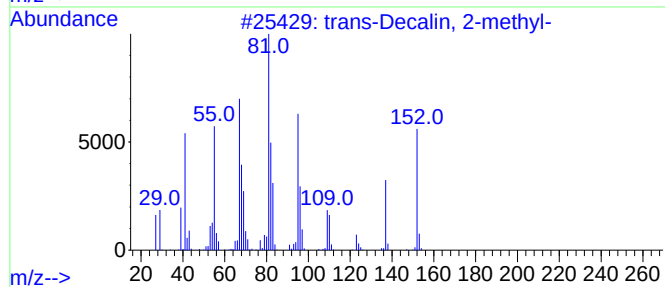
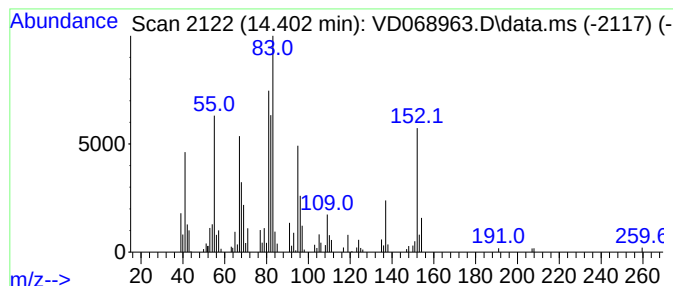
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260

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

Peak Number 9 trans-Decalin, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.402	6.75 ug/l	251611	1,4-Dichlorobenzene-d4	13.573

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	89
2			Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	55
3			Decalin, anti-1-methyl-, cis-	152	C11H20	1000158-89-0	53
4			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	50
5			1-Pentadecyne	208	C15H28	000765-13-9	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042321\
Data File : VD068963.D
Acq On : 23 Apr 2021 13:11
Operator : VA/SY
Sample : M2107-16
Misc : 5.01G/5.00ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-33-10.5-11.0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.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
Cyclohexane, 1,...	12.155	5.1	ug/l	179262	3	11.644	1744970	50.0
9-Nonadecyne	12.355	7.1	ug/l	248505	3	11.644	1744970	50.0
unknown12.796	12.796	6.5	ug/l	241465	4	13.573	1863370	50.0
Cyclohexane, 1-...	12.955	11.6	ug/l	431478	4	13.573	1863370	50.0
Bicyclo[2.2.1]h...	13.061	10.5	ug/l	389810	4	13.573	1863370	50.0
unknown13.185	13.185	5.6	ug/l	208397	4	13.573	1863370	50.0
Cyclohexane, bu...	13.467	12.4	ug/l	463429	4	13.573	1863370	50.0
Naphthalene, de...	13.896	11.0	ug/l	410484	4	13.573	1863370	50.0
trans-Decalin, ...	14.402	6.8	ug/l	251611	4	13.573	1863370	50.0