

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020521\
 Data File : VD068306.D
 Acq On : 05 Feb 2021 17:41
 Operator : VA/SY
 Sample : M1317-05
 Misc : 7.32G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 R-C

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\82D011921S.M
 Title : SW846 8260

Signal : TIC: VD068306.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.920	1009	1020	1025	rBV	366873	896030	5.14%	0.529%
2	7.979	1025	1030	1041	rVB	616606	1377403	7.90%	0.813%
3	8.332	1082	1090	1102	rBV	338240	766386	4.40%	0.452%
4	8.867	1173	1181	1196	rBV	956592	1955286	11.21%	1.154%
5	9.773	1329	1335	1342	rVB3	118561	238246	1.37%	0.141%
6	10.108	1385	1392	1398	rBV4	97866	242830	1.39%	0.143%
7	10.344	1424	1432	1448	rBV	1620437	3304419	18.95%	1.950%
8	10.526	1455	1463	1469	rVB6	217163	606727	3.48%	0.358%
9	10.638	1476	1482	1486	rBV	246044	491771	2.82%	0.290%
10	10.679	1486	1489	1496	rVB	405803	706242	4.05%	0.417%
11	10.779	1499	1506	1510	rBV4	244309	541850	3.11%	0.320%
12	10.867	1517	1521	1526	rVB2	147882	234963	1.35%	0.139%
13	10.955	1527	1536	1542	rVB	677163	1172351	6.72%	0.692%
14	11.055	1547	1553	1561	rVB2	302247	701154	4.02%	0.414%
15	11.126	1561	1565	1568	rBV2	255133	435679	2.50%	0.257%
16	11.161	1568	1571	1573	rVV2	250024	364205	2.09%	0.215%
17	11.197	1573	1577	1580	rVV	377835	638695	3.66%	0.377%
18	11.250	1580	1586	1592	rVV	3603581	6652845	38.15%	3.926%
19	11.303	1592	1595	1598	rVV2	308308	418173	2.40%	0.247%
20	11.350	1598	1603	1609	rVV2	1214016	2129205	12.21%	1.256%
21	11.455	1609	1621	1628	rVB3	1319086	3217660	18.45%	1.899%
22	11.532	1628	1634	1638	rBV	704336	1201227	6.89%	0.709%
23	11.644	1648	1653	1657	rBV	868741	1571079	9.01%	0.927%
24	11.685	1657	1660	1665	rVB	420171	591438	3.39%	0.349%
25	11.779	1672	1676	1680	rBV	998719	1515620	8.69%	0.894%
26	11.832	1680	1685	1690	rBV4	977234	1845739	10.59%	1.089%
27	11.891	1690	1695	1699	rBV	1004786	1886097	10.82%	1.113%
28	11.991	1707	1712	1719	rBV3	1245774	2637775	15.13%	1.557%
29	12.079	1719	1727	1732	rVB3	597605	1536687	8.81%	0.907%
30	12.155	1732	1740	1746	rBV3	3076505	7211633	41.36%	4.256%
31	12.208	1746	1749	1752	rVV2	407590	558250	3.20%	0.329%
32	12.267	1752	1759	1764	rVB	3391687	6054606	34.72%	3.573%
33	12.355	1764	1774	1785	rBV6	4431952	16469383	94.45%	9.719%
34	12.467	1790	1793	1798	rBV6	621633	1058076	6.07%	0.624%
35	12.555	1806	1808	1816	rVB2	1808506	3252840	18.65%	1.920%
36	12.638	1816	1822	1827	rBV2	1639435	2822178	16.18%	1.665%

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Peak Location: TOP

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

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37	12.714	1827	1835	1840	rBV6	2138260	6060659	34.76%	3.577%
38	12.797	1844	1849	1856	rVB2	6010007	11156571	63.98%	6.584%
39	12.879	1856	1863	1868	rBV5	2377251	5737584	32.90%	3.386%
40	12.944	1868	1874	1882	rBV2	7292457	17437275	100.00%	10.290%
41	13.067	1890	1895	1897	rBV2	2058048	3393341	19.46%	2.002%
42	13.097	1897	1900	1905	rVV5	2342653	3686762	21.14%	2.176%
43	13.144	1905	1908	1911	rVV4	735469	1225029	7.03%	0.723%
44	13.185	1911	1915	1928	rVB2	4964018	9034222	51.81%	5.331%
45	13.279	1928	1931	1934	rBV4	1039160	1620310	9.29%	0.956%
46	13.314	1934	1937	1940	rVB	862270	1083244	6.21%	0.639%
47	13.397	1949	1951	1955	rVB3	763397	869202	4.98%	0.513%
48	13.467	1955	1963	1967	rBV4	2500766	5426654	31.12%	3.202%
49	13.714	2000	2005	2010	rBV4	1332689	2287191	13.12%	1.350%
50	13.897	2031	2036	2041	rBV	2854069	4678307	26.83%	2.761%
51	14.002	2051	2054	2057	rBV3	566968	751341	4.31%	0.443%
52	14.220	2086	2091	2097	rBV6	770789	1391669	7.98%	0.821%
53	14.285	2097	2102	2108	rVB6	1009729	1885867	10.82%	1.113%
54	14.344	2109	2112	2117	rBV5	373070	757921	4.35%	0.447%
55	14.408	2118	2123	2126	rBV2	1562753	2834250	16.25%	1.673%
56	14.567	2148	2150	2154	rVB3	749286	931651	5.34%	0.550%
57	14.826	2189	2194	2198	rBV5	691646	1566374	8.98%	0.924%
58	14.873	2199	2202	2208	rVB4	917032	1657960	9.51%	0.978%
59	15.032	2226	2229	2234	rVB	801478	1147713	6.58%	0.677%
60	15.096	2236	2240	2245	rVB	684408	1154199	6.62%	0.681%
61	15.161	2246	2251	2253	rBV	506007	836223	4.80%	0.493%
62	15.443	2293	2299	2303	rBV3	786634	1747659	10.02%	1.031%
63	16.685	2506	2510	2525	rVB7	645411	1793839	10.29%	1.059%

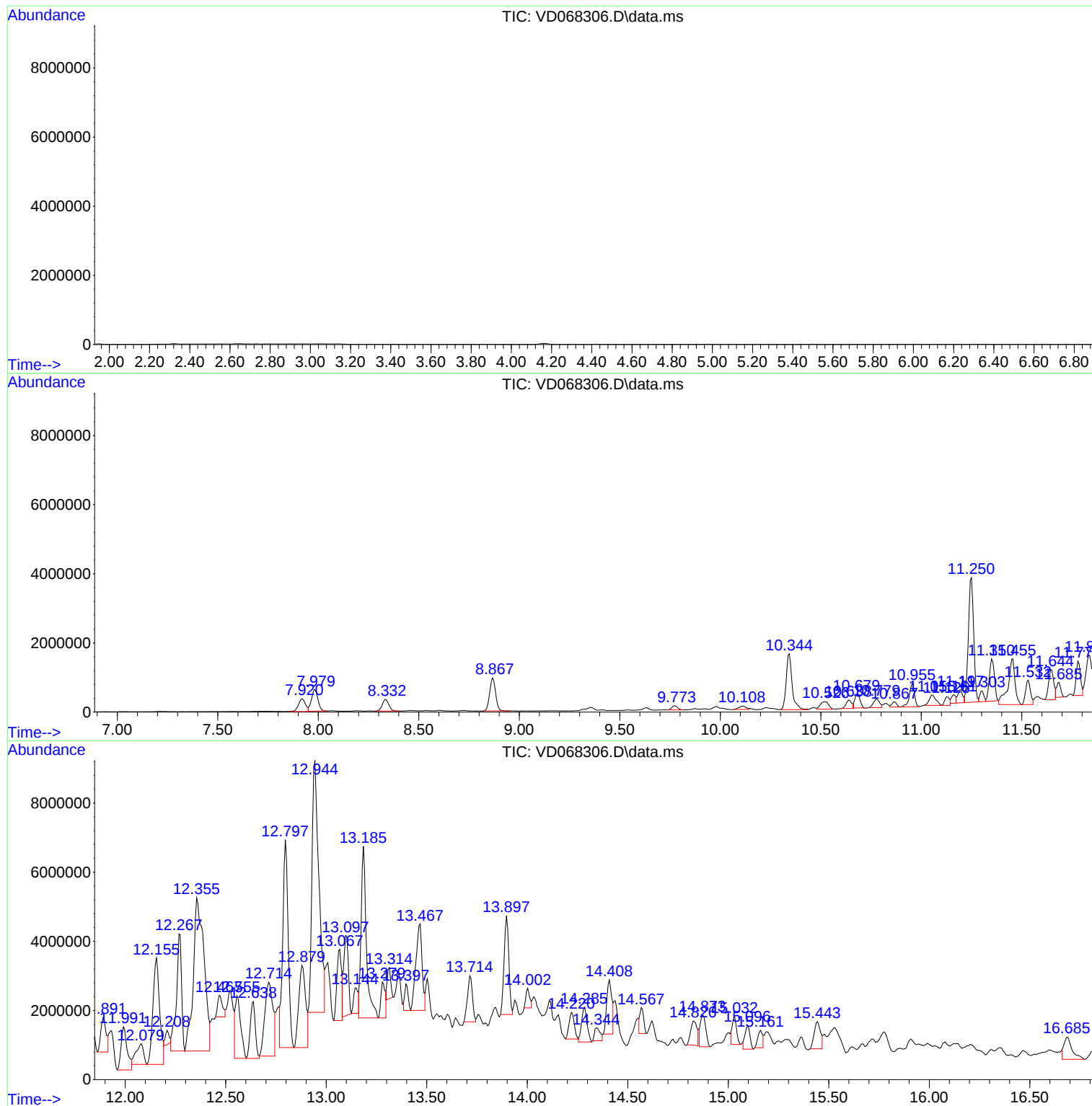
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Instrument :
MSVOA_D
ClientSampleId :
R-C

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020521\
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Instrument :
MSVOA_D
ClientSampleId :
R-C

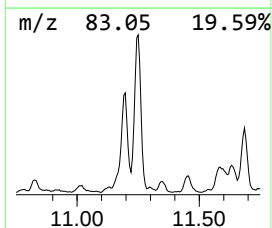
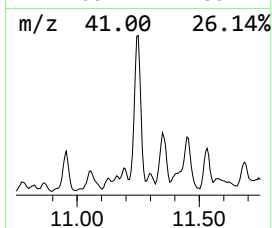
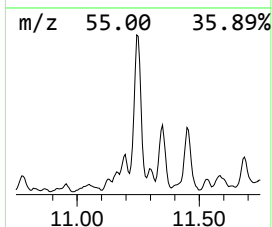
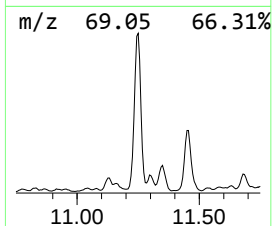
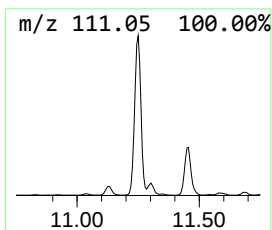
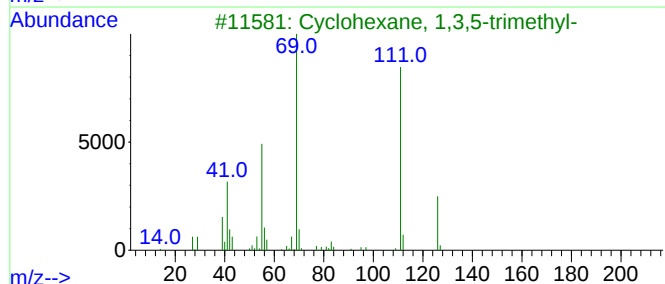
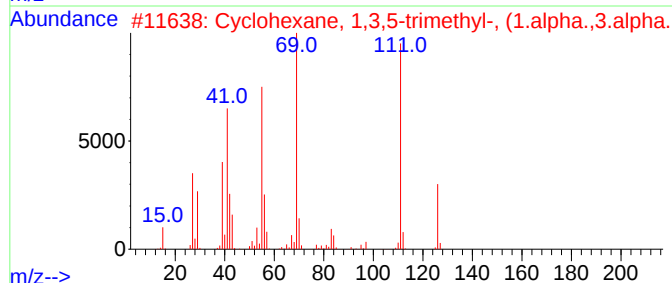
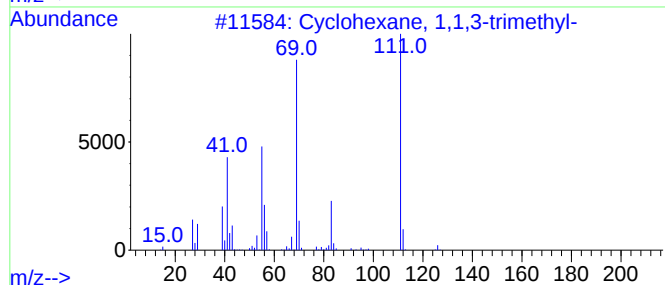
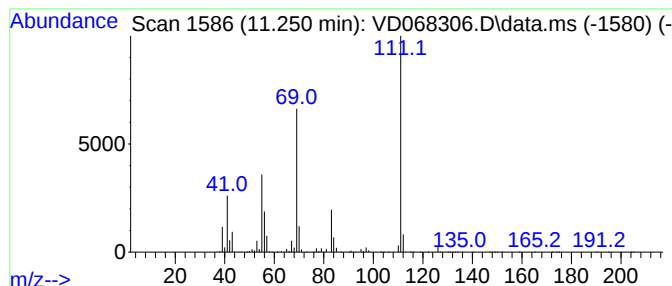
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
Quant Title : SW846 8260

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

Peak Number 1 Cyclohexane, 1,1,3-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.250	211.73 ug/l	6652850	Chlorobenzene-d5	11.644

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	95
2			Cyclohexane, 1,3,5-trimethyl-, (...)	126	C9H18	001795-26-2	72
3			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	64
4			Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	64
5			2,4,6-Trimethyl-1,5-diazabicyclo...	126	C7H14N2	1000283-21-2	64



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ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampled :
R-C

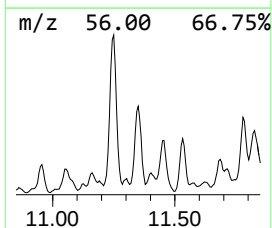
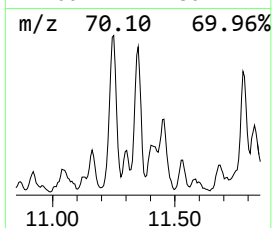
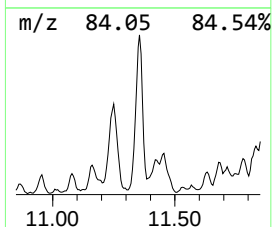
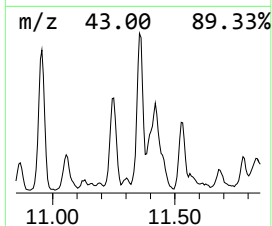
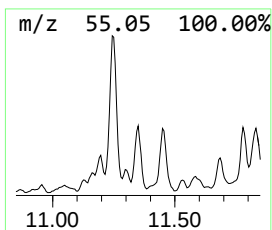
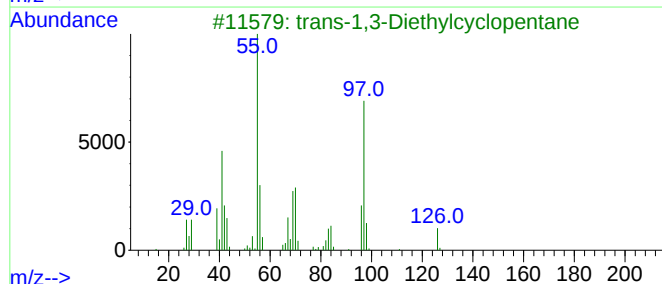
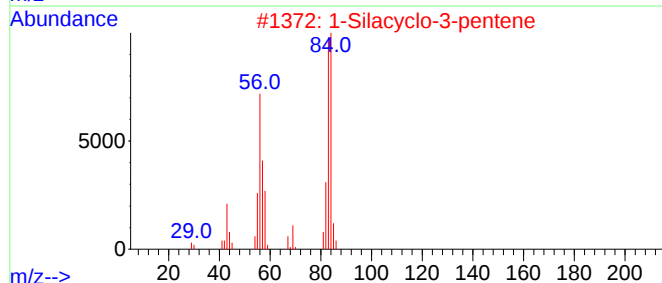
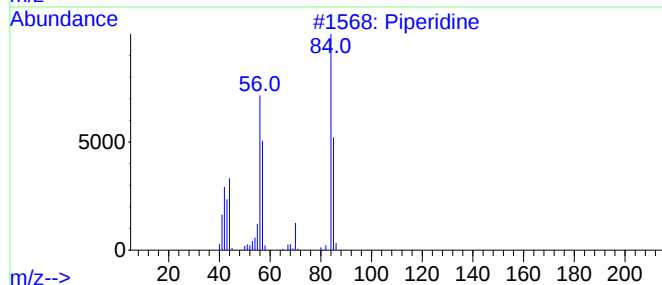
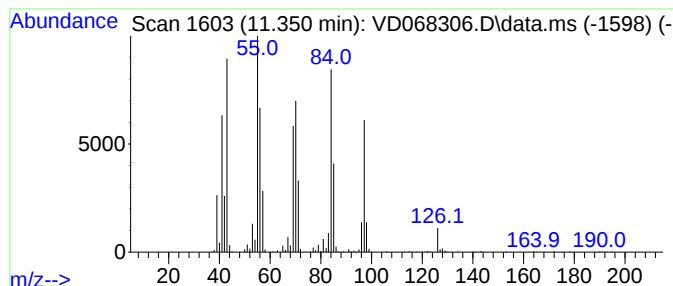
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
Quant Title : SW846 8260

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

Peak Number 2 unknown11.350 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.350	67.76 ug/l	2129210	Chlorobenzene-d5	11.644

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Piperidine	85	C5H11N	000110-89-4	46
2			1-Silacyclo-3-pentene	84	C4H8Si	007049-25-4	30
3			trans-1,3-Diethylcyclopentane	126	C9H18	1000113-87-1	30
4			trans-1,2-Diethyl cyclopentane	126	C9H18	000932-40-1	25
5			Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	25



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Misc : 7.32G/5.00ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
R-C

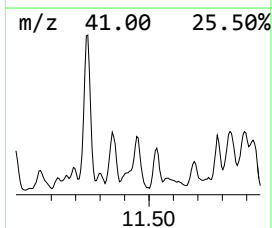
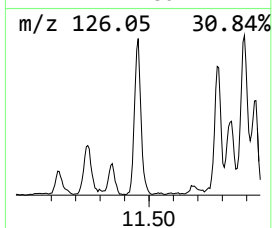
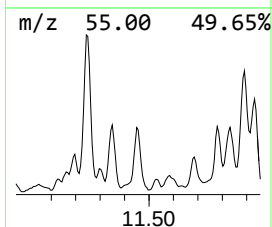
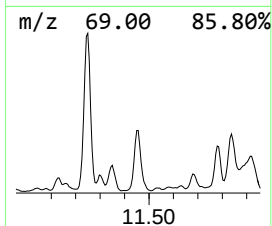
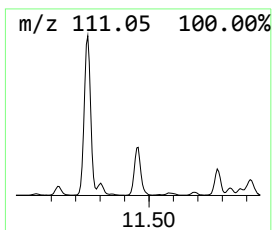
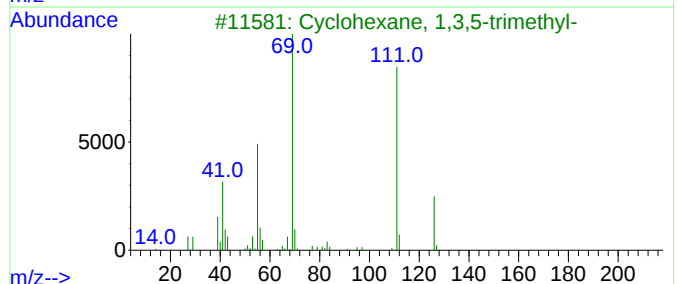
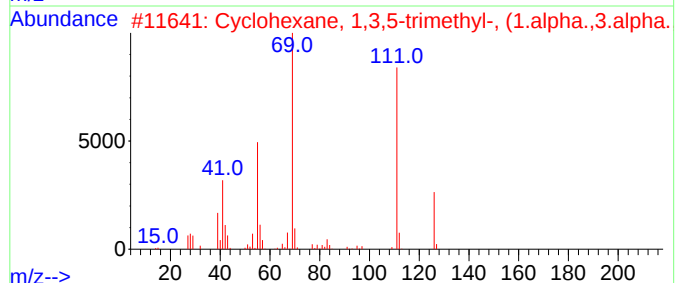
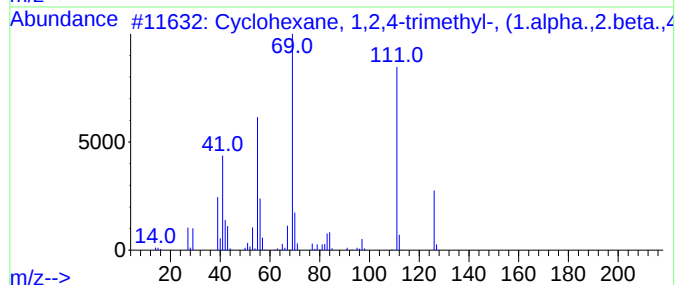
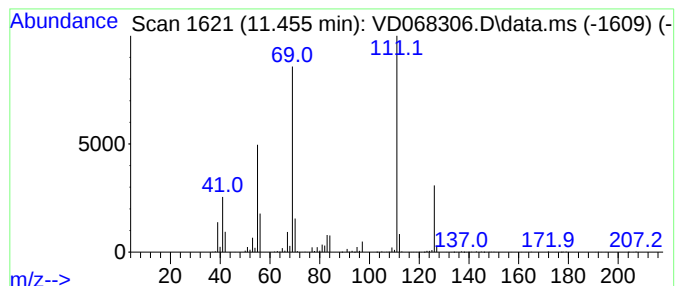
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
Quant Title : SW846 8260

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

Peak Number 3 Cyclohexane, 1,2,4-trimethyl... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.456	102.40 ug/l	3217660	Chlorobenzene-d5	11.644

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	94
2			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	91
3			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	91
4			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	90
5			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	86



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Instrument :
MSVOA_D
ClientSampled :
R-C

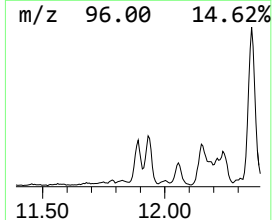
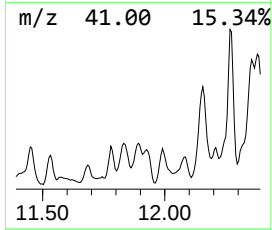
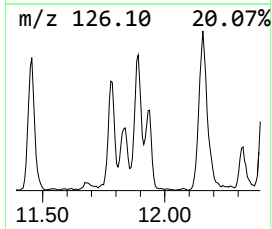
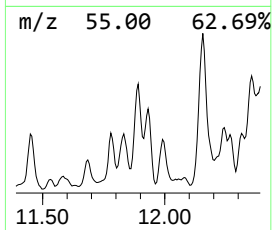
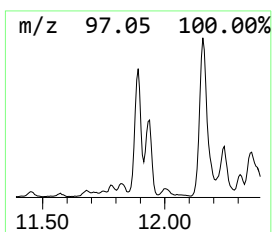
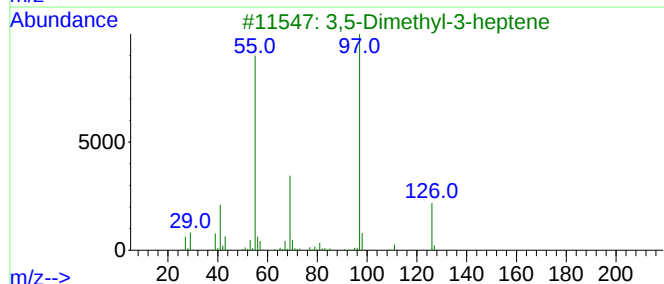
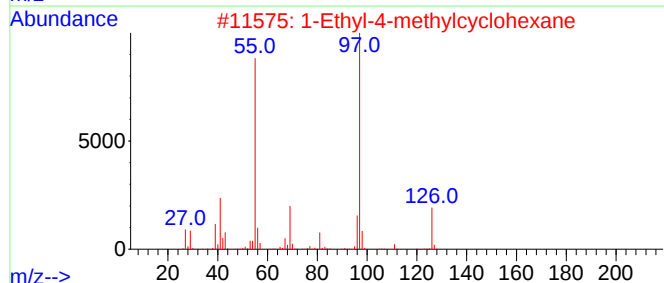
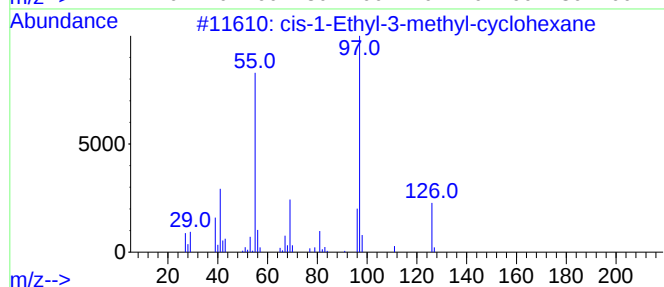
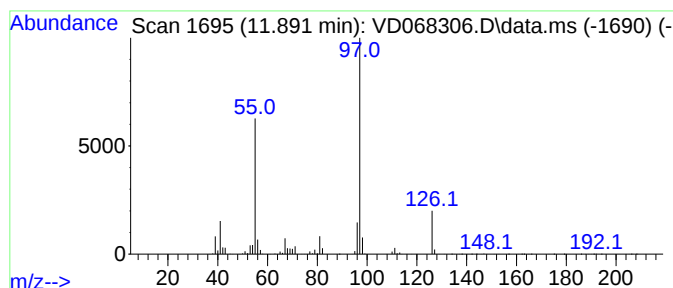
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
Quant Title : SW846 8260

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

Peak Number 4 cis-1-Ethyl-3-methyl-cyclo... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.891	60.03 ug/l	1886100	Chlorobenzene-d5	11.644

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	91
2			1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	91
3			3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	80
4			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	78
5			4-Octen-3-one	126	C8H14O	014129-48-7	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020521\
Data File : VD068306.D
Acq On : 05 Feb 2021 17:41
Operator : VA/SY
Sample : M1317-05
Misc : 7.32G/5.00ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
R-C

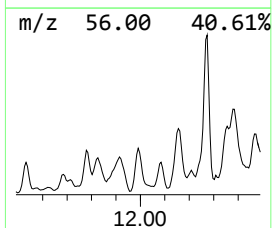
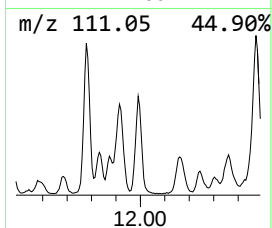
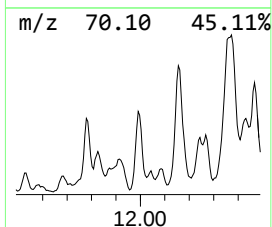
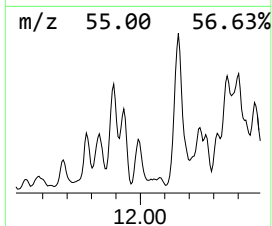
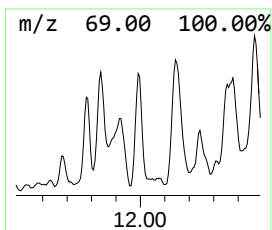
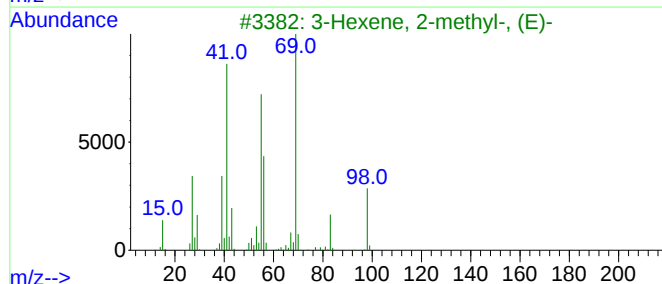
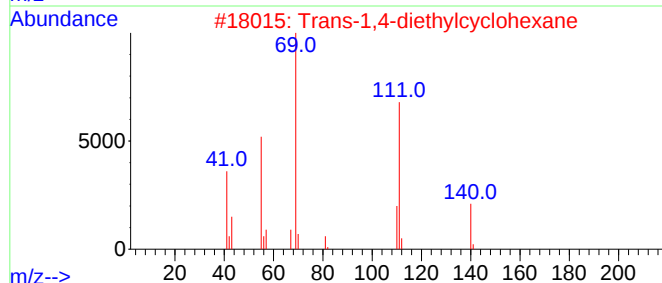
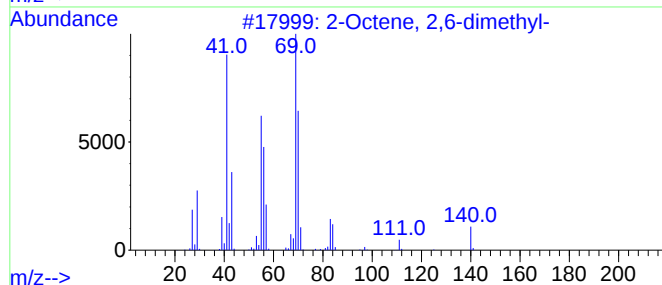
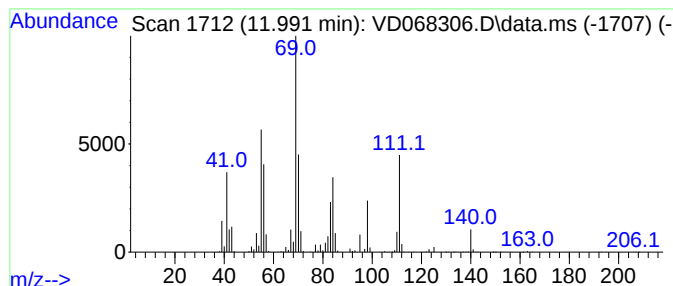
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Quant Title : SW846 8260

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

Peak Number 5 2-Octene, 2,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.991	83.95 ug/l	2637780	Chlorobenzene-d5	11.644

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	58
2			Trans-1,4-diethylcyclohexane	140	C10H20	013990-93-7	49
3			3-Hexene, 2-methyl-, (E)-	98	C7H14	000692-24-0	49
4			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	47
5			2-Hexene, 4-ethyl-2,3-dimethyl-	140	C10H20	1000149-19-7	45



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020521\
Data File : VD068306.D
Acq On : 05 Feb 2021 17:41
Operator : VA/SY
Sample : M1317-05
Misc : 7.32G/5.00ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
R-C

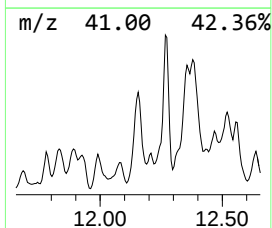
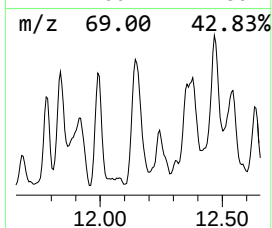
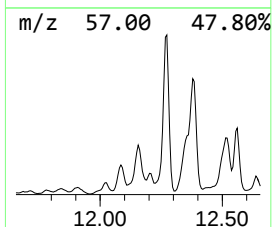
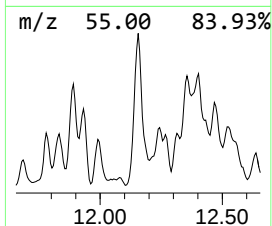
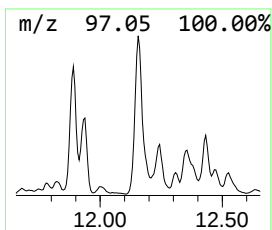
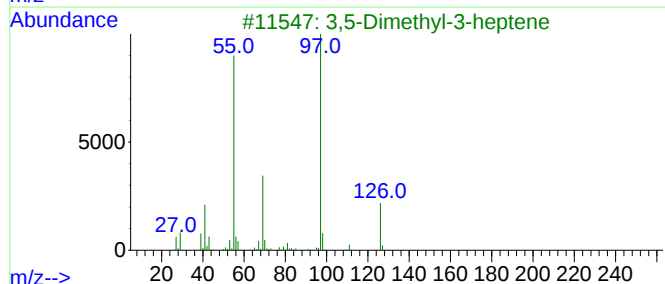
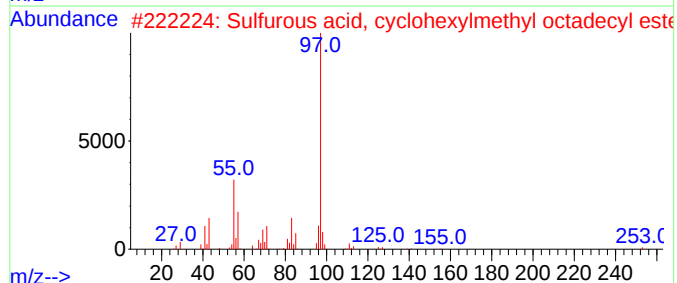
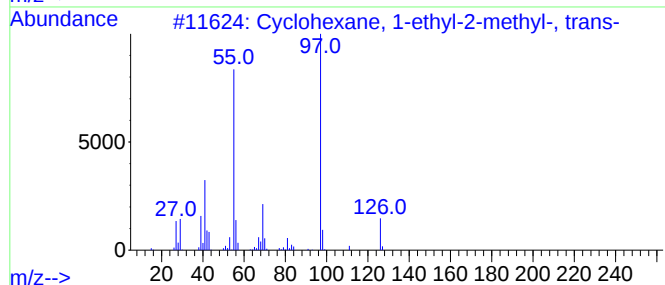
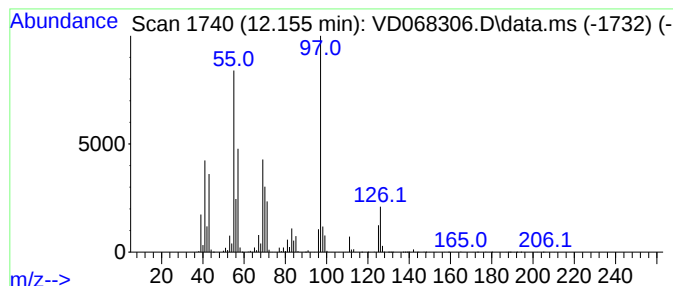
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Quant Title : SW846 8260

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

Peak Number 6 Cyclohexane, 1-ethyl-2-meth... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.155	229.51 ug/l	7211630	Chlorobenzene-d5	11.644

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	58
2			Sulfurous acid, cyclohexylmethyl...	430	C25H50O3S	1000309-22-6	53
3			3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	52
4			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	52
5			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020521\
Data File : VD068306.D
Acq On : 05 Feb 2021 17:41
Operator : VA/SY
Sample : M1317-05
Misc : 7.32G/5.00ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
R-C

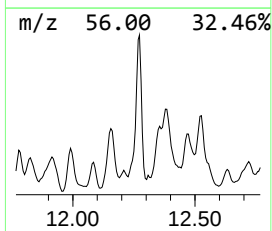
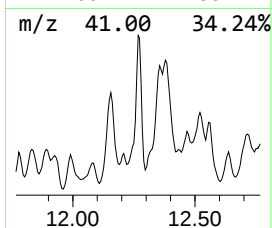
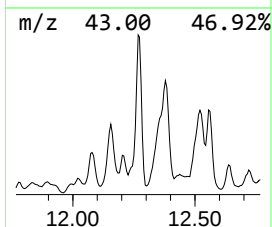
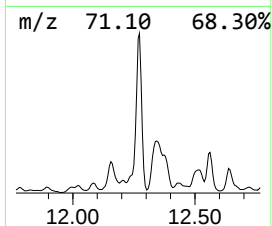
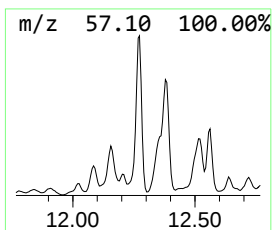
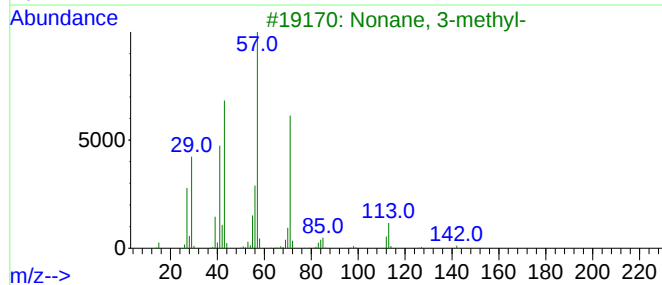
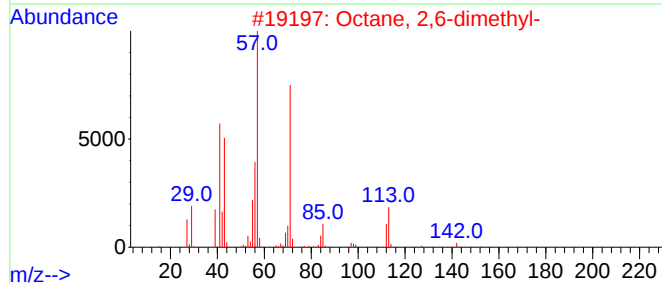
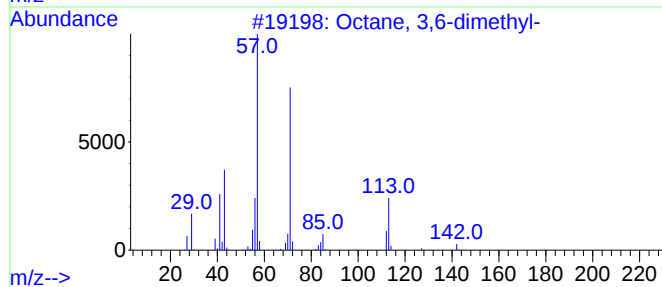
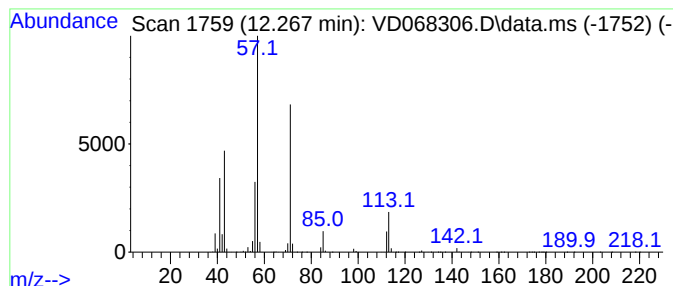
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Quant Title : SW846 8260

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

Peak Number 7 Octane, 3,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.267	192.69 ug/l	6054610	Chlorobenzene-d5	11.644

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	91
2			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	91
3			Nonane, 3-methyl-	142	C10H22	005911-04-6	91
4			Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	64
5			Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020521\
Data File : VD068306.D
Acq On : 05 Feb 2021 17:41
Operator : VA/SY
Sample : M1317-05
Misc : 7.32G/5.00ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampled :
R-C

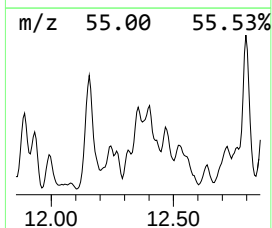
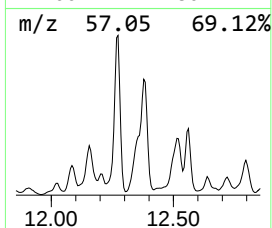
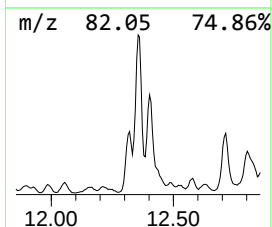
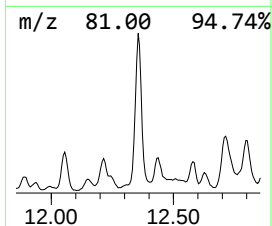
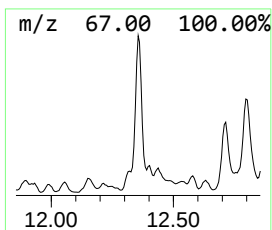
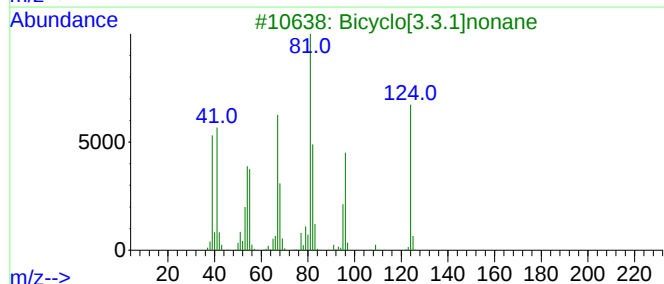
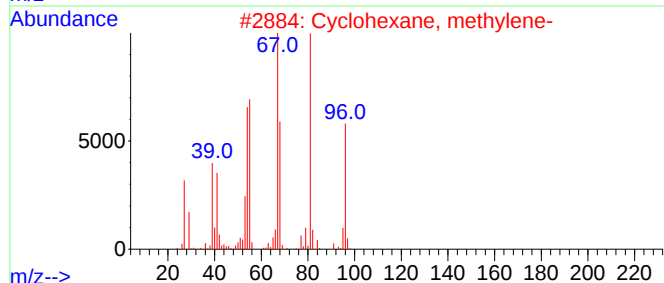
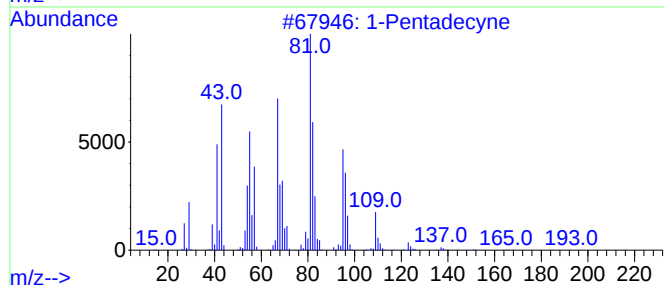
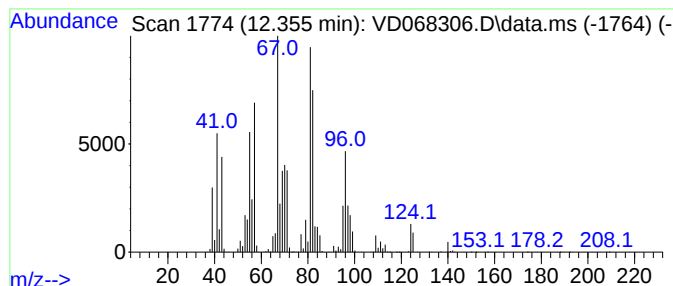
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Quant Title : SW846 8260

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

Peak Number 8 1-Pentadecyne Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.355	524.14 ug/l	16469400	Chlorobenzene-d5	11.644

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Pentadecyne	208	C15H28	000765-13-9	52
2		Cyclohexane, methylene-	96	C7H12	001192-37-6	50
3		Bicyclo[3.3.1]nonane	124	C9H16	000280-65-9	49
4		Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	49
5		Cyclopropane, (2-methylenebutyl)-	110	C8H14	074685-56-6	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020521\
Data File : VD068306.D
Acq On : 05 Feb 2021 17:41
Operator : VA/SY
Sample : M1317-05
Misc : 7.32G/5.00ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
R-C

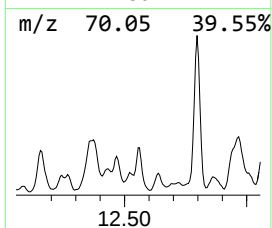
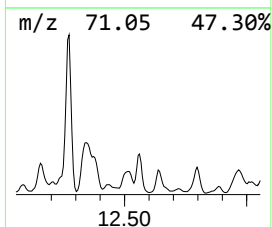
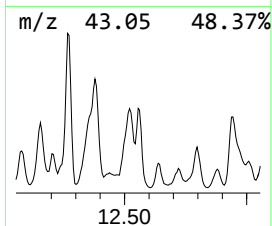
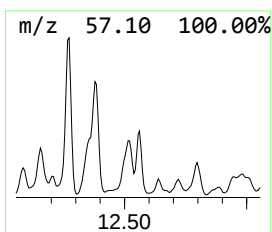
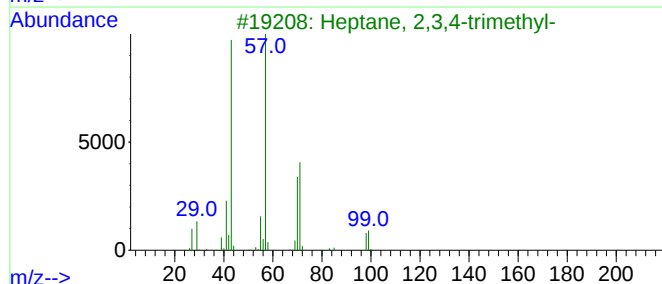
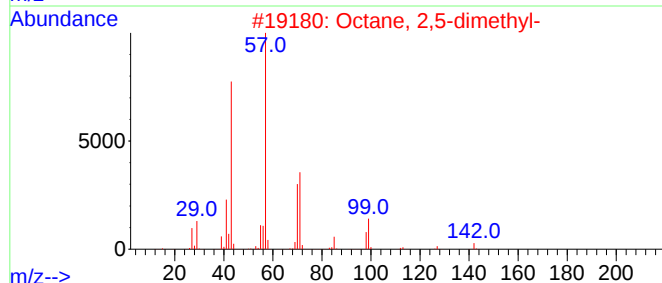
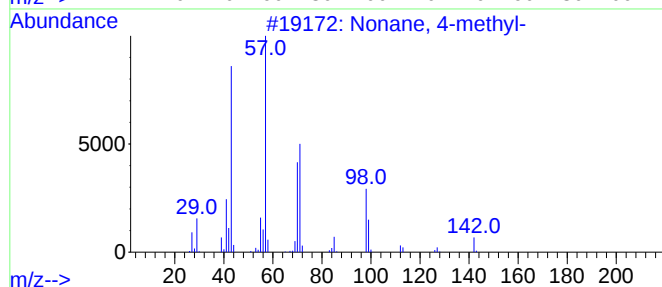
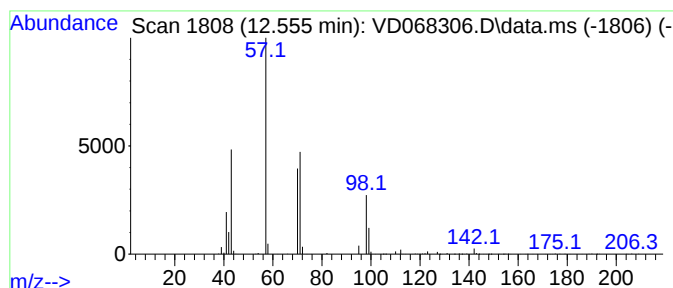
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Quant Title : SW846 8260

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

Peak Number 9 Nonane, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.555	103.52 ug/l	3252840	Chlorobenzene-d5	11.644

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 4-methyl-	142	C10H22	017301-94-9	78
2			Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	64
3			Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	50
4			Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	50
5			Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020521\
Data File : VD068306.D
Acq On : 05 Feb 2021 17:41
Operator : VA/SY
Sample : M1317-05
Misc : 7.32G/5.00ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
R-C

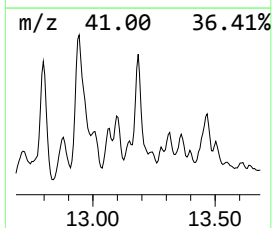
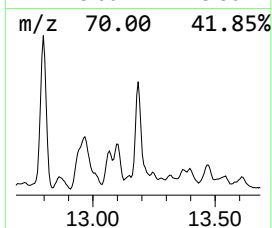
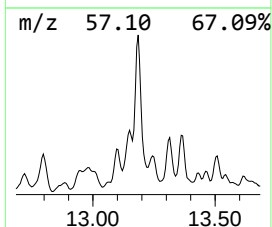
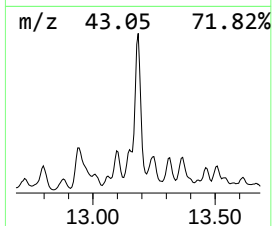
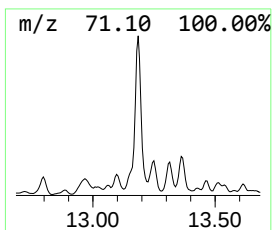
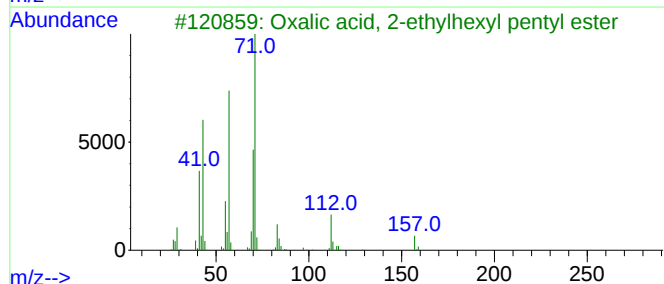
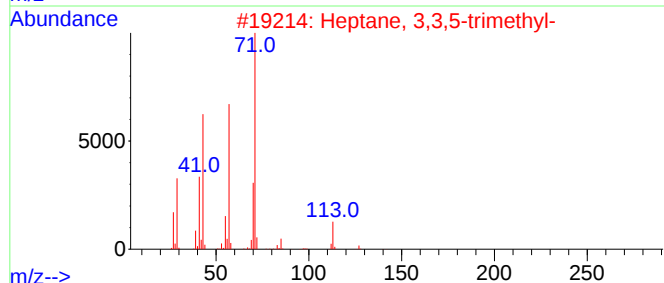
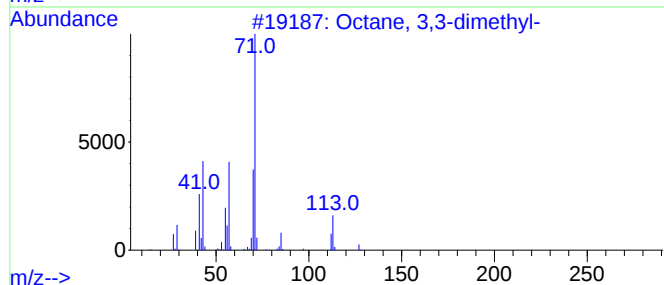
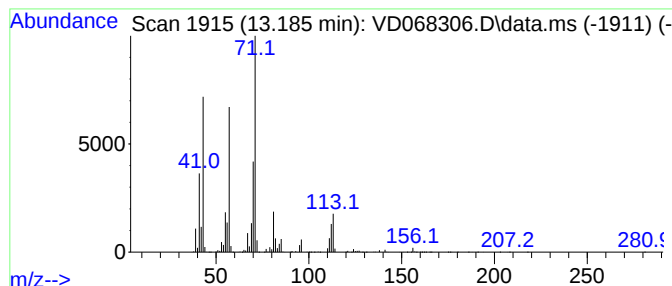
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
Quant Title : SW846 8260

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

Peak Number 10 Octane, 3,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.185	83.24 ug/l	9034220	1,4-Dichlorobenzene-d4	13.573

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	78
2			Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	72
3			Oxalic acid, 2-ethylhexyl pentyl...	272	C15H28O4	1000309-38-7	72
4			Sulfurous acid, octyl 2-pentyl e...	264	C13H28O3S	1000309-15-7	53
5			4-Methyl-3-heptanol, trifluoroac...	226	C10H17F3O2	1000365-51-8	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020521\
Data File : VD068306.D
Acq On : 05 Feb 2021 17:41
Operator : VA/SY
Sample : M1317-05
Misc : 7.32G/5.00ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
R-C

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.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
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unknown11.350	11.350	67.8	ug/l	2129210	3	11.644	1571080	50.0
Cyclohexane, 1,...	11.456	102.4	ug/l	3217660	3	11.644	1571080	50.0
cis-1-Ethyl-3-m...	11.891	60.0	ug/l	1886100	3	11.644	1571080	50.0
2-Octene, 2,6-d...	11.991	84.0	ug/l	2637780	3	11.644	1571080	50.0
Cyclohexane, 1-...	12.155	229.5	ug/l	7211630	3	11.644	1571080	50.0
Octane, 3,6-dim...	12.267	192.7	ug/l	6054610	3	11.644	1571080	50.0
1-Pentadecyne	12.355	524.1	ug/l	16469400	3	11.644	1571080	50.0
Nonane, 4-methyl-	12.555	103.5	ug/l	3252840	3	11.644	1571080	50.0
Octane, 3,3-dim...	13.185	83.2	ug/l	9034220	4	13.573	5426650	50.0