

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020521\
 Data File : VD068300.D
 Acq On : 05 Feb 2021 14:30
 Operator : VA/SY
 Sample : M1317-03
 Misc : 7.70G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 R-B

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: VD068300.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	1011	1020	1025	rBV	331037	815193	1.40%	0.160%
2	7.979	1025	1030	1039	rVB	578618	1288278	2.22%	0.253%
3	8.332	1082	1090	1103	rVB2	319398	719389	1.24%	0.141%
4	8.867	1172	1181	1194	rBV	898652	1851713	3.19%	0.363%
5	9.356	1250	1264	1270	rBV2	293315	880555	1.52%	0.173%
6	9.773	1328	1335	1344	rVB	454651	874008	1.50%	0.171%
7	10.108	1384	1392	1406	rBV3	384603	1162195	2.00%	0.228%
8	10.232	1406	1413	1424	rVB7	208167	611260	1.05%	0.120%
9	10.338	1424	1431	1437	rBV2	2640086	5356860	9.22%	1.050%
10	10.520	1455	1462	1470	rVB5	818869	2320496	4.00%	0.455%
11	10.638	1473	1482	1486	rBV	1138455	2317017	3.99%	0.454%
12	10.679	1486	1489	1497	rVB	1699435	2975142	5.12%	0.583%
13	10.779	1497	1506	1510	rBV4	974642	2177897	3.75%	0.427%
14	10.867	1517	1521	1526	rVB	661147	1024026	1.76%	0.201%
15	10.955	1526	1536	1542	rBV	2824095	5001331	8.61%	0.981%
16	11.055	1542	1553	1561	rBV2	1397415	3895805	6.71%	0.764%
17	11.126	1561	1565	1568	rBV2	1030990	1701613	2.93%	0.334%
18	11.161	1568	1571	1573	rVV2	930929	1339541	2.31%	0.263%
19	11.197	1573	1577	1580	rVV	1523419	2520570	4.34%	0.494%
20	11.250	1580	1586	1592	rVV	15903290	28802780	49.60%	5.648%
21	11.302	1592	1595	1598	rVV2	1256454	1722056	2.97%	0.338%
22	11.350	1598	1603	1609	rVV2	5218553	9541564	16.43%	1.871%
23	11.450	1609	1620	1628	rVB3	5256045	12722088	21.91%	2.495%
24	11.532	1628	1634	1638	rBV	2976806	4944796	8.51%	0.970%
25	11.579	1638	1642	1648	rVB4	473885	823427	1.42%	0.161%
26	11.644	1649	1653	1656	rBV2	676344	1112002	1.91%	0.218%
27	11.685	1656	1660	1664	rVB	1726700	2504145	4.31%	0.491%
28	11.779	1672	1676	1680	rBV	4021964	6148651	10.59%	1.206%
29	11.832	1680	1685	1690	rBV3	3647187	6732269	11.59%	1.320%
30	11.891	1690	1695	1698	rBV	4299807	7136380	12.29%	1.399%
31	11.991	1707	1712	1719	rBV3	4642751	9512401	16.38%	1.865%
32	12.079	1719	1727	1732	rVB3	1873455	5225312	9.00%	1.025%
33	12.155	1732	1740	1747	rBV3	10791350	25566987	44.02%	5.013%
34	12.208	1747	1749	1752	rVV2	964666	1144431	1.97%	0.224%
35	12.273	1752	1760	1764	rVB	11133923	18857260	32.47%	3.698%
36	12.355	1764	1774	1785	rBV6	16087514	55777016	96.04%	10.937%

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37	12.473	1790	1794	1798	rVV4	2871659	5024532	8.65%	0.985%
38	12.520	1799	1802	1806	rVV2	2517571	3923831	6.76%	0.769%
39	12.561	1806	1809	1816	rVB2	5485158	10207083	17.58%	2.002%
40	12.638	1816	1822	1827	rBV3	3459015	5964003	10.27%	1.169%
41	12.714	1827	1835	1840	rBV5	6269001	17122934	29.48%	3.358%
42	12.797	1844	1849	1856	rVB2	19294555	35230076	60.66%	6.908%
43	12.879	1856	1863	1868	rBV4	7372827	17786960	30.63%	3.488%
44	12.944	1868	1874	1883	rBV	25866983	58074588	100.00%	11.388%
45	13.067	1890	1895	1897	rBV2	5173180	8305783	14.30%	1.629%
46	13.102	1897	1901	1905	rVV3	6472818	10407051	17.92%	2.041%
47	13.144	1905	1908	1910	rVV3	1320410	1724888	2.97%	0.338%
48	13.185	1911	1915	1927	rVB3	13980067	25130567	43.27%	4.928%
49	13.279	1927	1931	1934	rBV3	3480179	5478709	9.43%	1.074%
50	13.308	1934	1936	1940	rVB	1395277	1632016	2.81%	0.320%
51	13.396	1948	1951	1955	rVB3	2105622	2806571	4.83%	0.550%
52	13.461	1955	1962	1967	rBV4	5957313	13401216	23.08%	2.628%
53	13.644	1990	1993	1998	rBV5	672381	1207798	2.08%	0.237%
54	13.714	1999	2005	2010	rBV5	3562999	7070225	12.17%	1.386%
55	13.896	2031	2036	2041	rBV2	6399242	10315154	17.76%	2.023%
56	14.226	2087	2092	2097	rVB3	1619591	2874359	4.95%	0.564%
57	14.285	2097	2102	2108	rVB4	1615975	3092885	5.33%	0.606%
58	14.343	2108	2112	2117	rBV5	728836	1447236	2.49%	0.284%
59	14.402	2118	2122	2126	rBV2	2556182	4503320	7.75%	0.883%
60	14.567	2139	2150	2154	rBV4	1792695	4715800	8.12%	0.925%
61	14.826	2189	2194	2198	rBV5	1136867	2615375	4.50%	0.513%
62	14.873	2199	2202	2208	rVB3	1334384	2390828	4.12%	0.469%
63	15.032	2225	2229	2234	rVB	1064051	1713876	2.95%	0.336%
64	15.096	2236	2240	2245	rVB	901761	1511143	2.60%	0.296%
65	15.155	2246	2250	2253	rBV	636065	1084400	1.87%	0.213%
66	15.361	2282	2285	2291	rVB2	585375	915168	1.58%	0.179%
67	15.443	2293	2299	2307	rBV4	1014045	2934354	5.05%	0.575%
68	16.685	2506	2510	2525	rVB7	829832	2245501	3.87%	0.440%

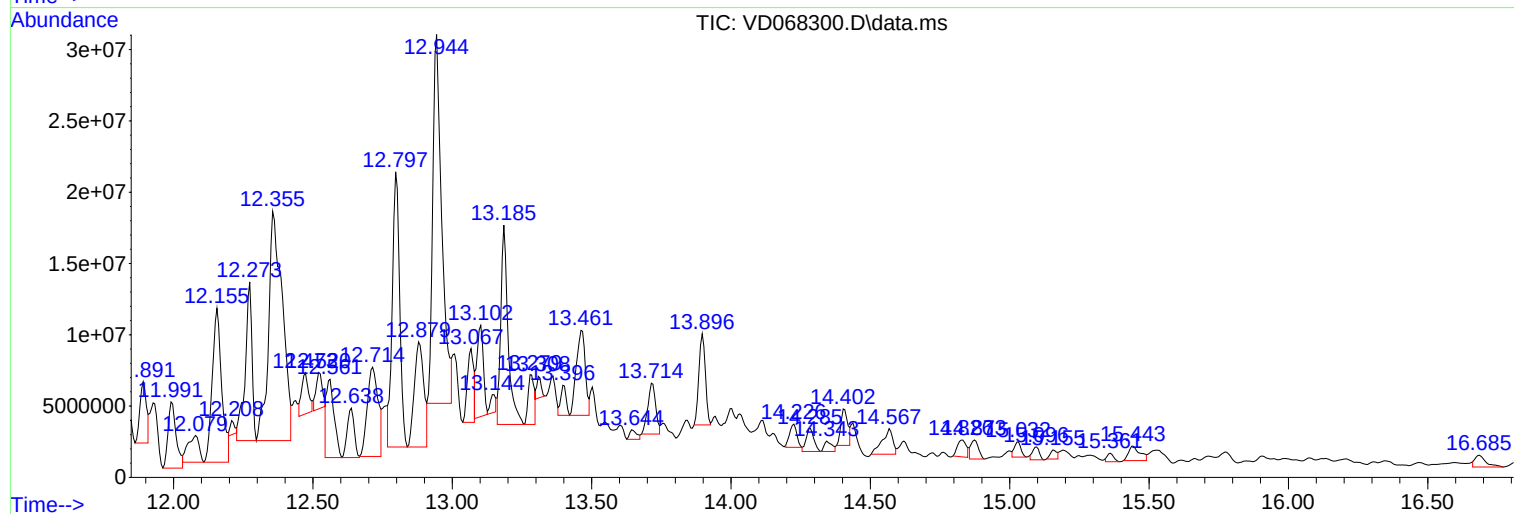
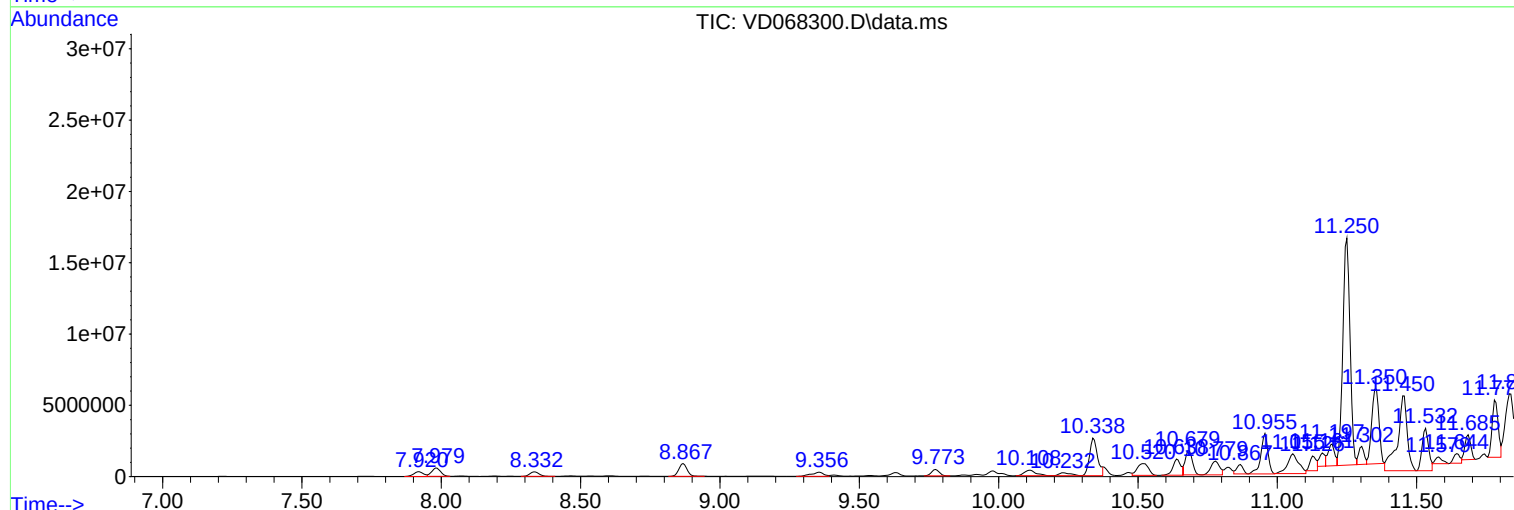
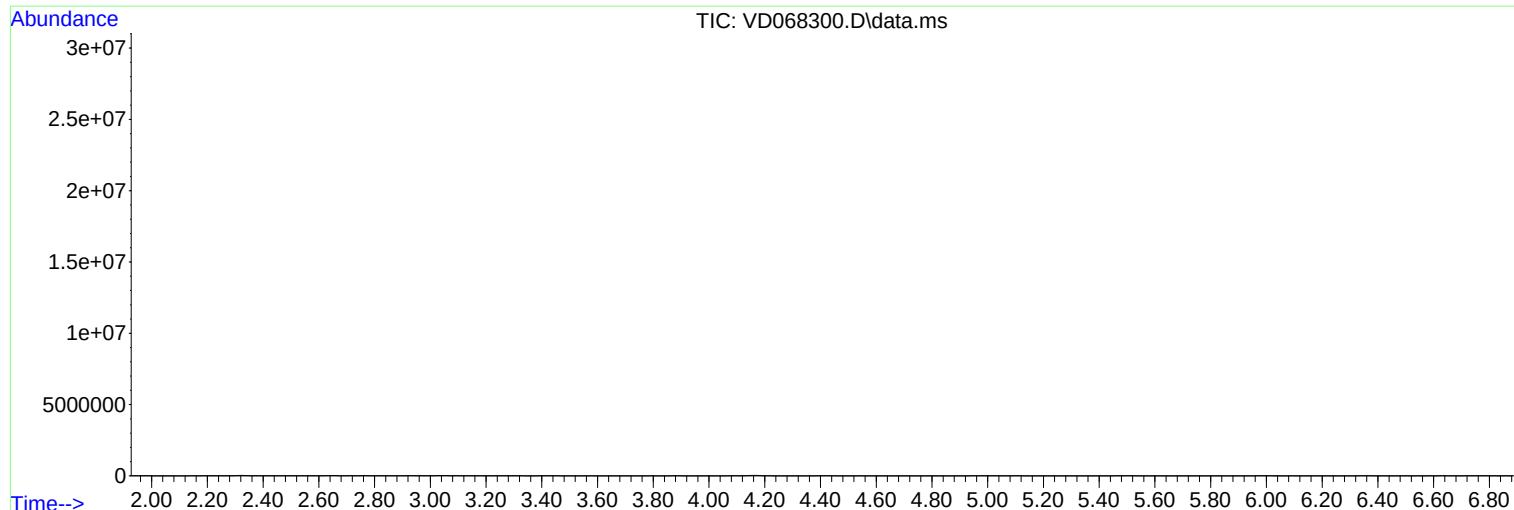
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
Quant Title : SW846 8260

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



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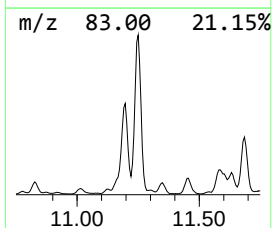
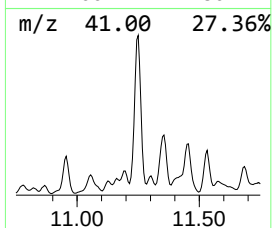
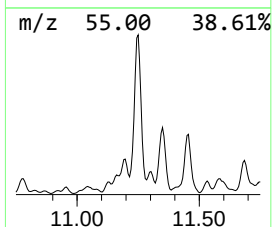
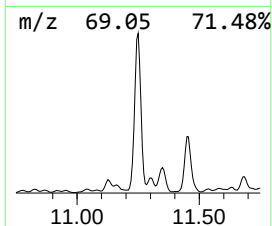
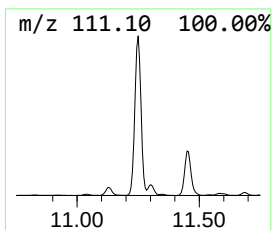
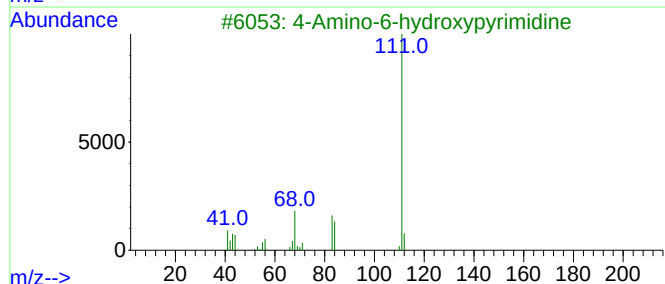
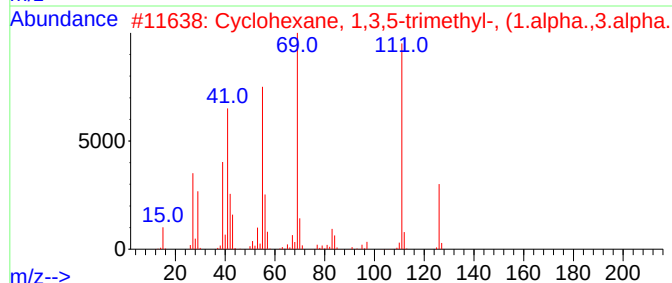
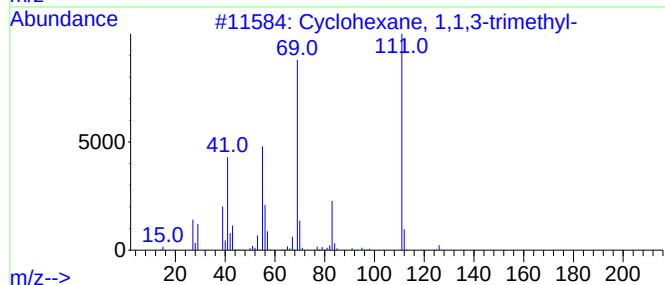
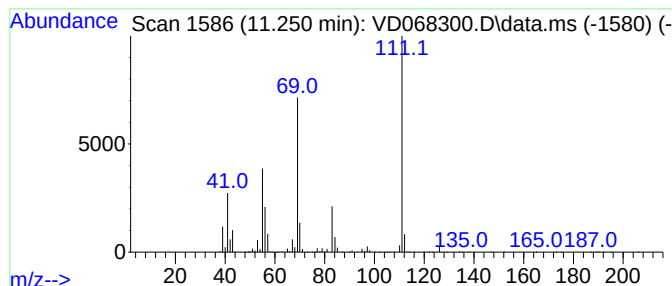
Instrument :
MSVOA_D
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
Quant Title : SW846 8260

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.	
11.249	1295.09 ug/l	28802800	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	64
3	4-Amino-6-hydroxypyrimidine	111	C4H5N3O	001193-22-2	59
4	Cyclohexane, 1,3,5-trimethyl-, (...)	126	C9H18	001795-27-3	59
5	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	59



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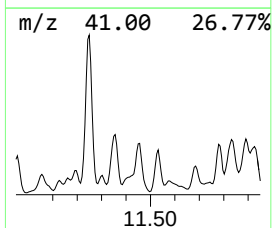
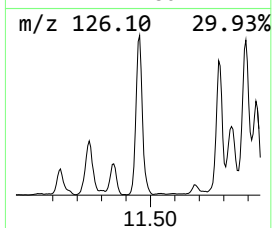
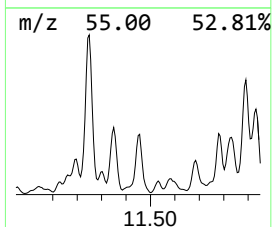
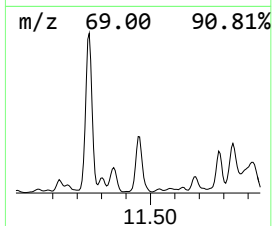
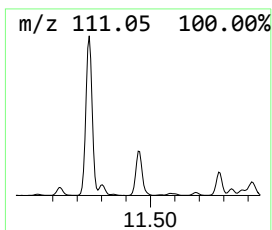
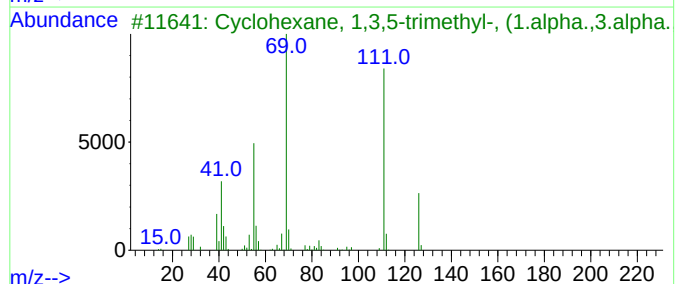
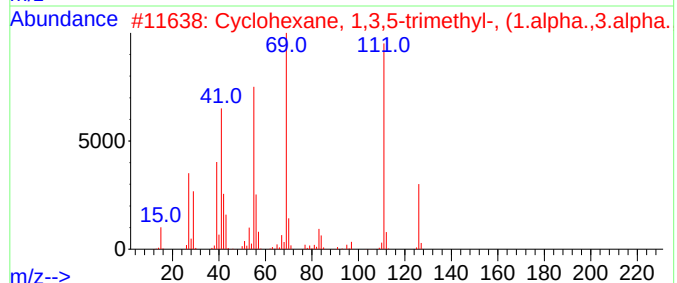
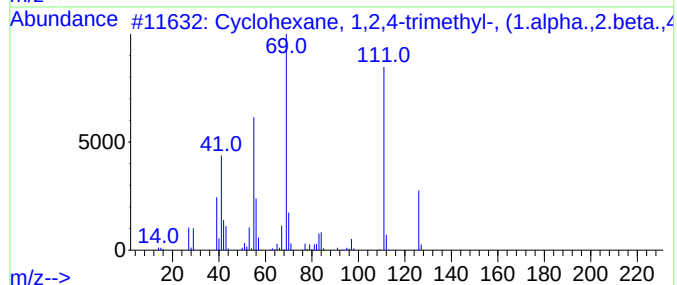
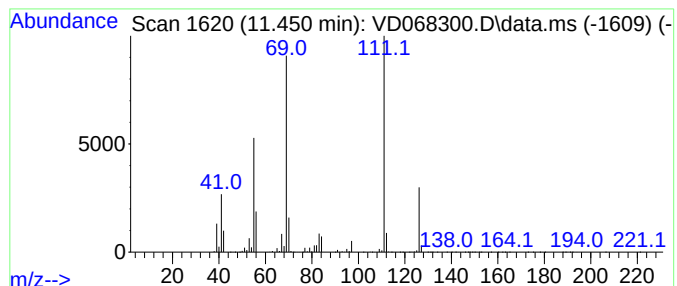
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
Quant Title : SW846 8260

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

Peak Number 2 Cyclohexane, 1,2,4-trimethyl... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.450	572.03 ug/l	12722100	Chlorobenzene-d5	11.644

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	95
2			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	91
3			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	91
4			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	91
5			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	91



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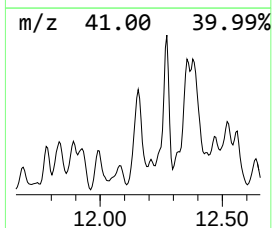
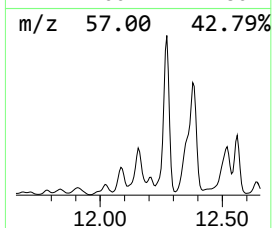
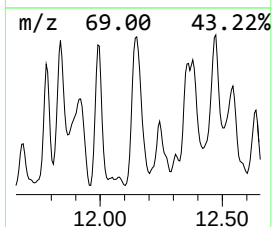
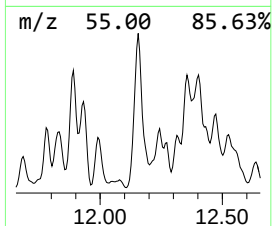
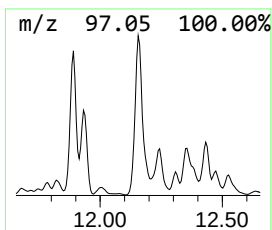
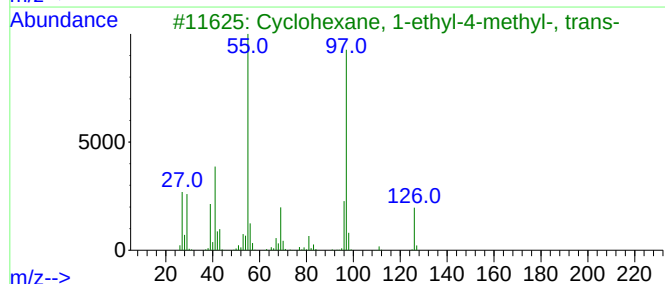
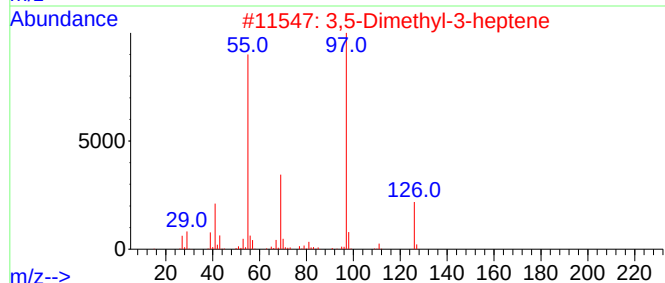
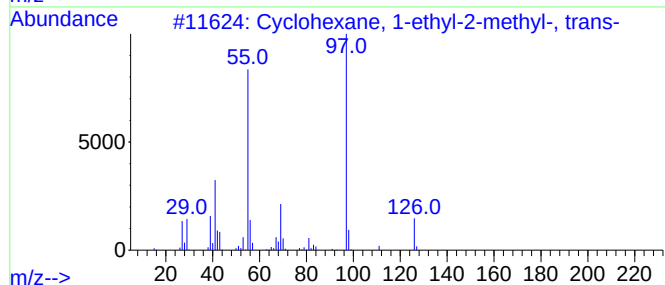
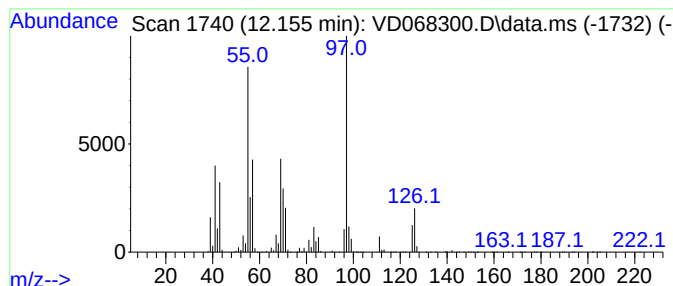
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Cyclohexane, 1-ethyl-2-meth... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.155	1149.59 ug/l	25567000	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			3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	52
3			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	52
4			1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	52
5			Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	50



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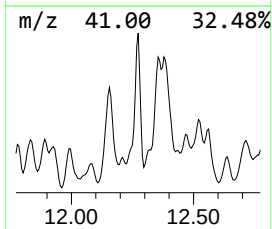
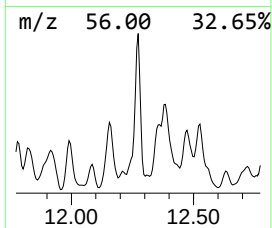
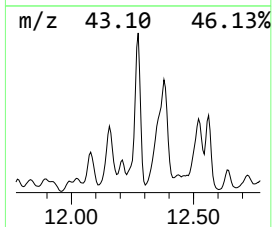
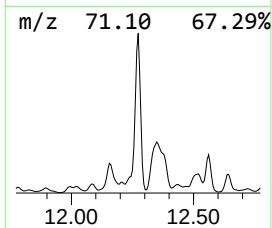
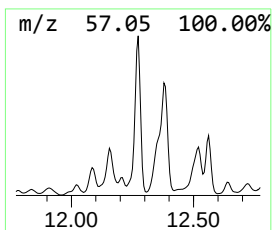
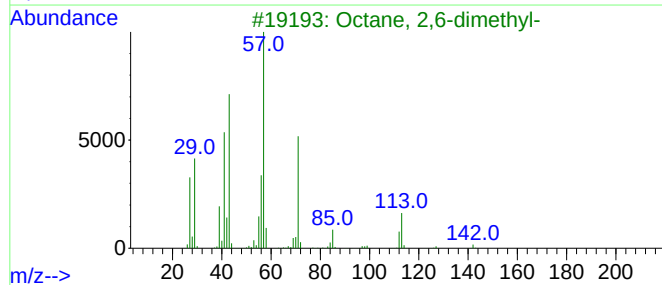
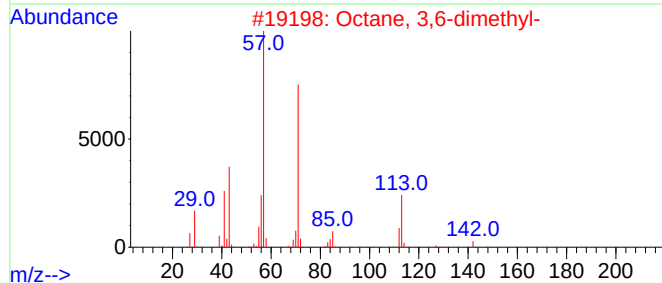
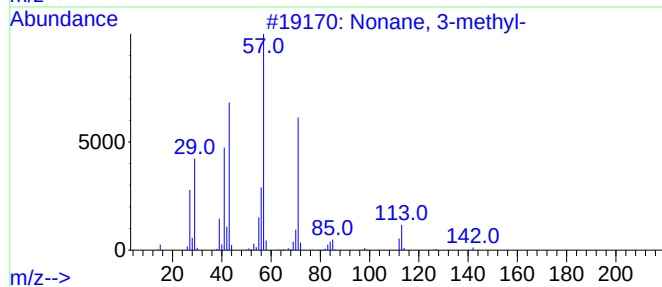
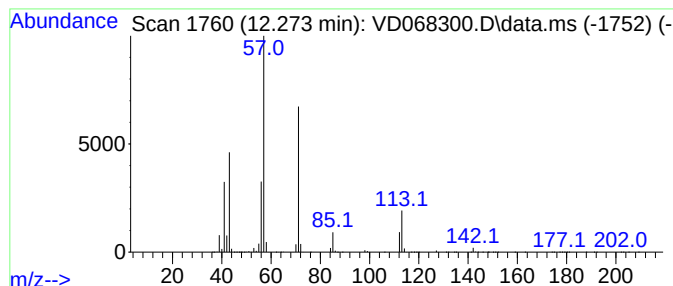
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
Quant Title : SW846 8260

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

Peak Number 4 Nonane, 3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.273	847.90 ug/l	18857300	Chlorobenzene-d5	11.644

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 3-methyl-	142	C10H22	005911-04-6	91
2			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	91
3			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	91
4			Sulfurous acid, butyl 2-ethylhex...	250	C12H26O3S	1000309-18-8	72
5			Sulfurous acid, di(2-ethylhexyl)...	306	C16H34O3S	1000309-19-1	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020521\
Data File : VD068300.D
Acq On : 05 Feb 2021 14:30
Operator : VA/SY
Sample : M1317-03
Misc : 7.70G/5.00ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
R-B

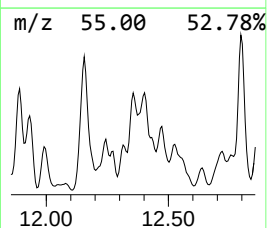
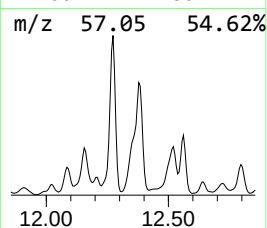
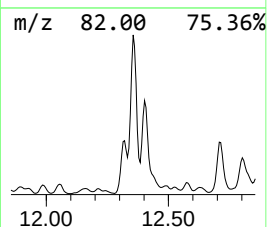
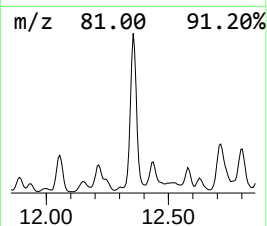
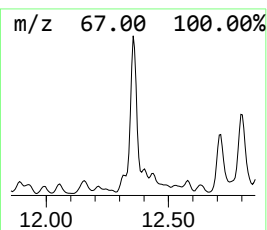
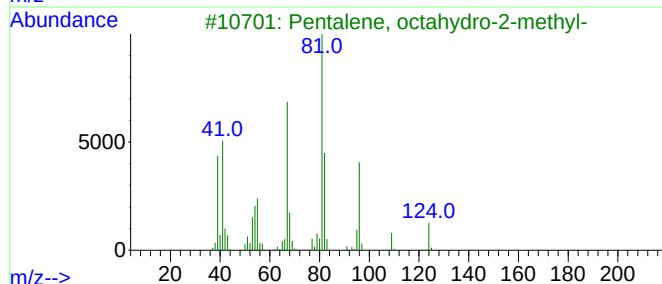
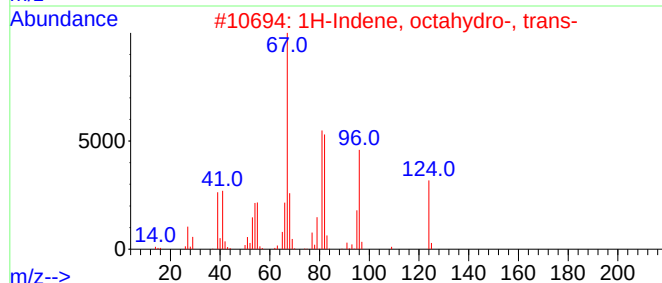
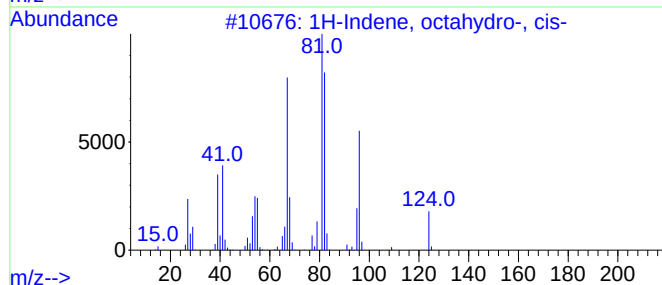
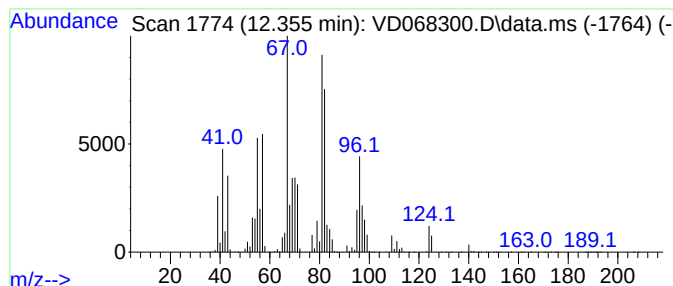
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Quant Title : SW846 8260

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

Peak Number 5 1H-Indene, octahydro-, cis- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.355	2507.95 ug/l	55777000	Chlorobenzene-d5	11.644

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, octahydro-, cis-	124	C9H16	004551-51-3	70
2			1H-Indene, octahydro-, trans-	124	C9H16	003296-50-2	58
3			Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	49
4			Cyclohexaneethanol, acetate	170	C10H18O2	021722-83-8	43
5			Cyclohexane, 1-propenyl-	124	C9H16	005364-83-0	41



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020521\
Data File : VD068300.D
Acq On : 05 Feb 2021 14:30
Operator : VA/SY
Sample : M1317-03
Misc : 7.70G/5.00ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
R-B

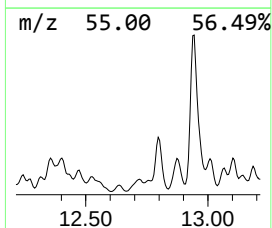
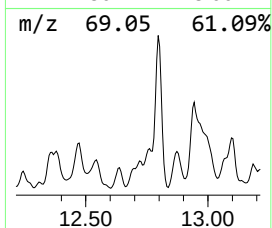
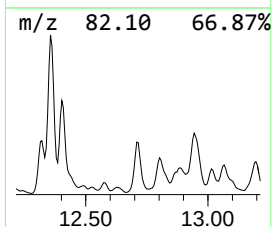
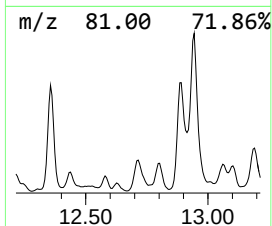
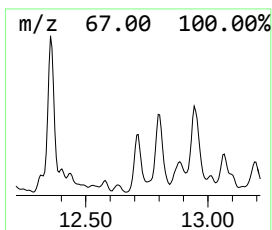
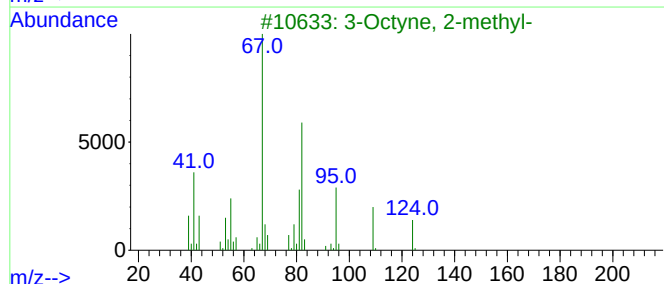
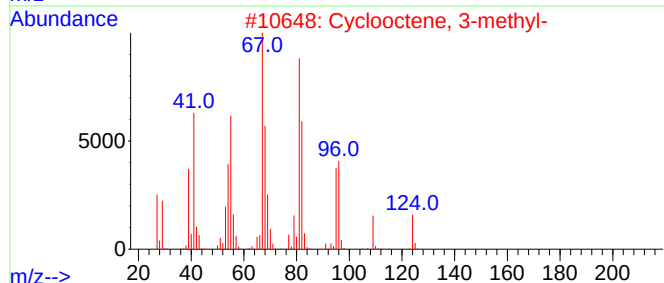
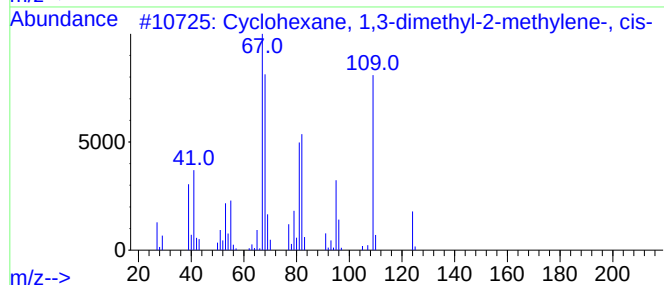
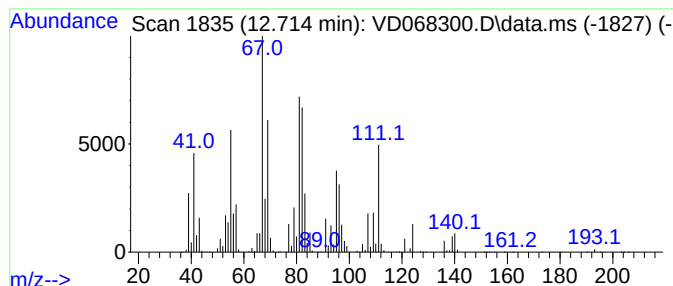
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Quant Title : SW846 8260

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

Peak Number 6 Cyclohexane, 1,3-dimethyl-2... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.714	708.85 ug/l	17122900	1,4-Dichlorobenzene-d4	13.573

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,3-dimethyl-2-meth...	124	C9H16	019781-47-6	60
2			Cyclooctene, 3-methyl-	124	C9H16	013152-05-1	58
3			3-Octyne, 2-methyl-	124	C9H16	055402-15-8	52
4			Cyclohexene,1-propyl-	124	C9H16	002539-75-5	49
5			1-Pentadecyne	208	C15H28	000765-13-9	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020521\
Data File : VD068300.D
Acq On : 05 Feb 2021 14:30
Operator : VA/SY
Sample : M1317-03
Misc : 7.70G/5.00ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampled :
R-B

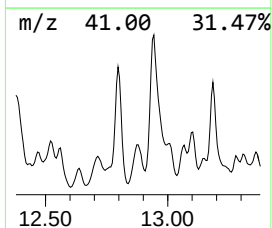
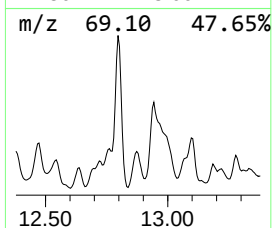
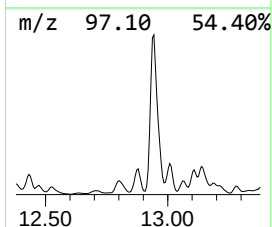
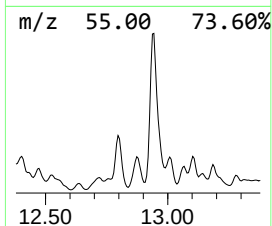
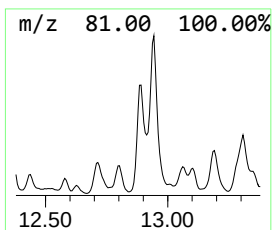
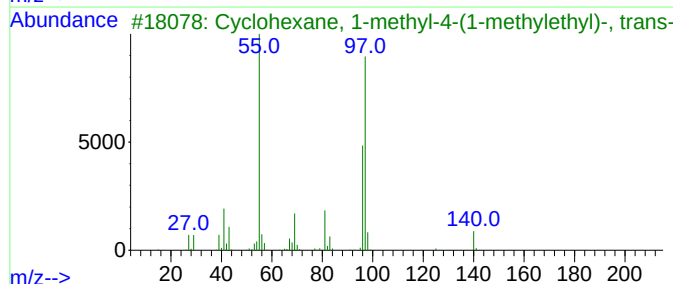
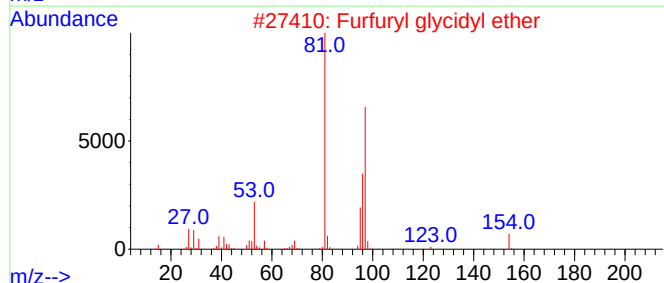
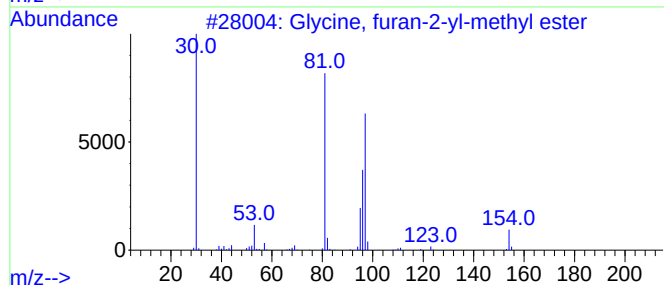
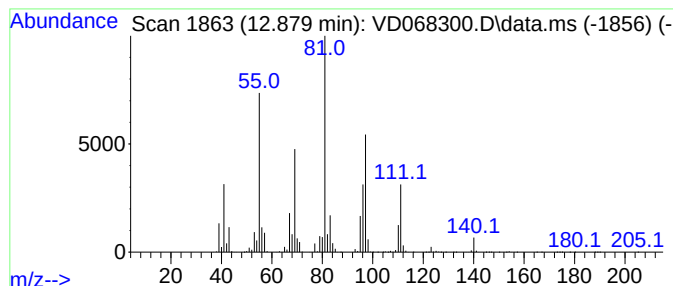
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Quant Title : SW846 8260

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

Peak Number 7 Glycine, furan-2-yl-methyl ... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.879	736.34 ug/l	17787000	1,4-Dichlorobenzene-d4	13.573

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Glycine, furan-2-yl-methyl ester	155	C7H9NO3	1000306-78-7	53
2			Furfuryl glycidyl ether	154	C8H10O3	005380-87-0	53
3			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	38
4			Cyclopropane, 1-(1-methylethyl)-...	152	C11H20	056259-17-7	38
5			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020521\
Data File : VD068300.D
Acq On : 05 Feb 2021 14:30
Operator : VA/SY
Sample : M1317-03
Misc : 7.70G/5.00ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
R-B

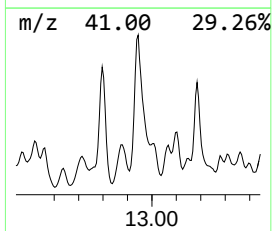
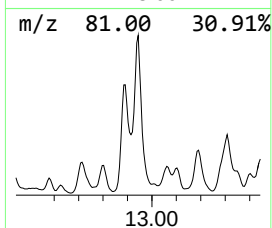
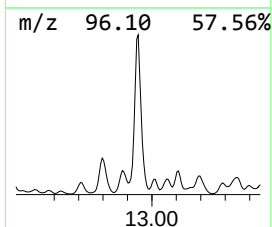
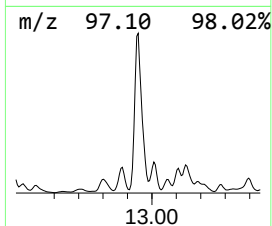
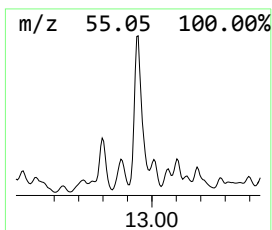
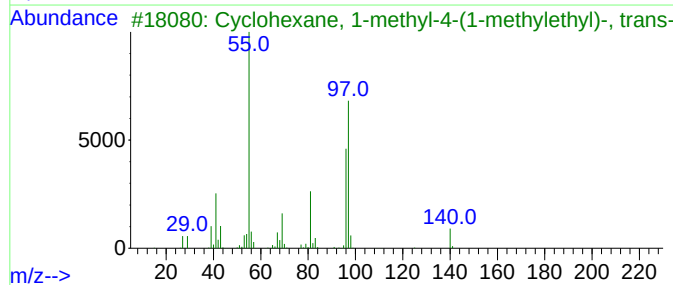
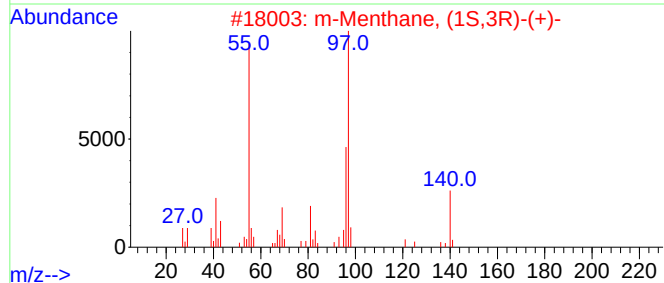
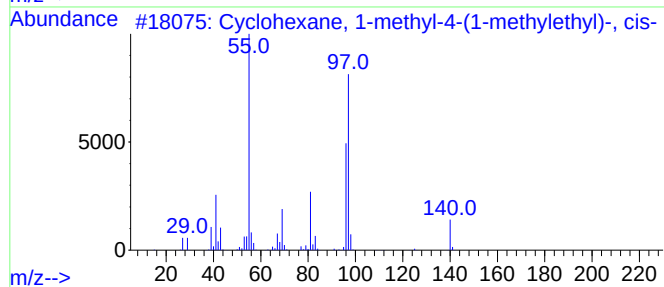
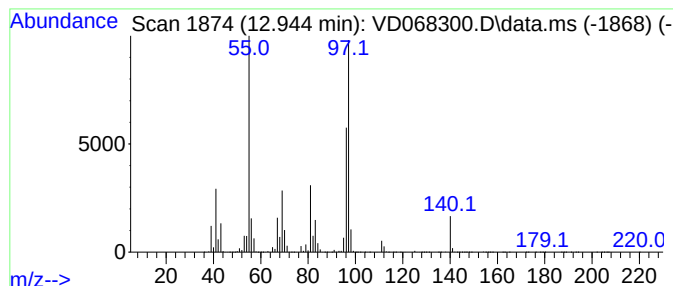
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
Quant Title : SW846 8260

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

Peak Number 8 Cyclohexane, 1-methyl-4-(1-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.944	2404.15 ug/l	58074600	1,4-Dichlorobenzene-d4	13.573

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	94
2			m-Menthane, (1S,3R)-(+)-	140	C10H20	013837-66-6	87
3			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	83
4			1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	74
5			Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020521\
Data File : VD068300.D
Acq On : 05 Feb 2021 14:30
Operator : VA/SY
Sample : M1317-03
Misc : 7.70G/5.00ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
R-B

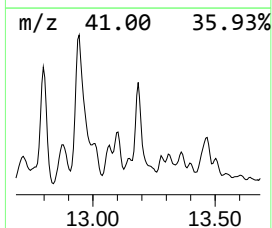
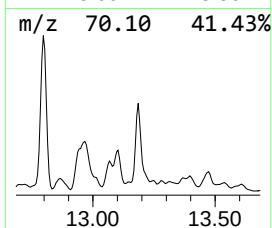
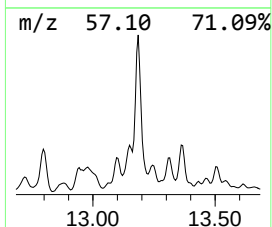
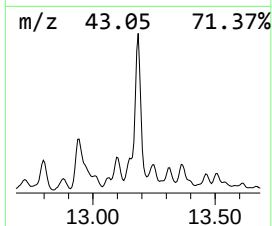
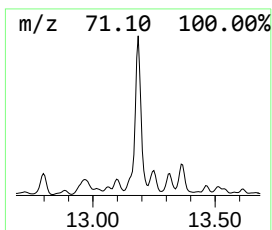
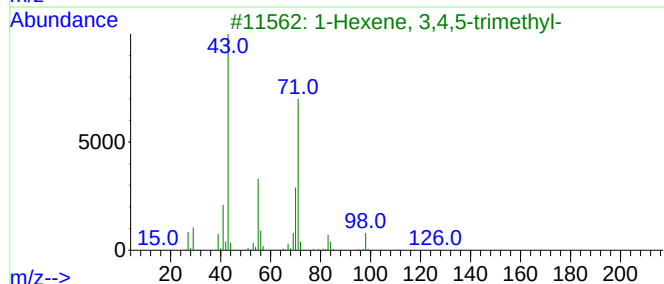
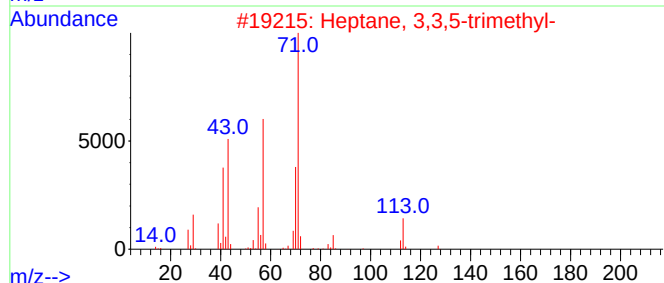
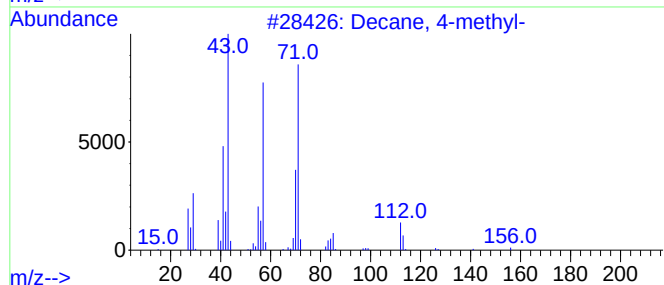
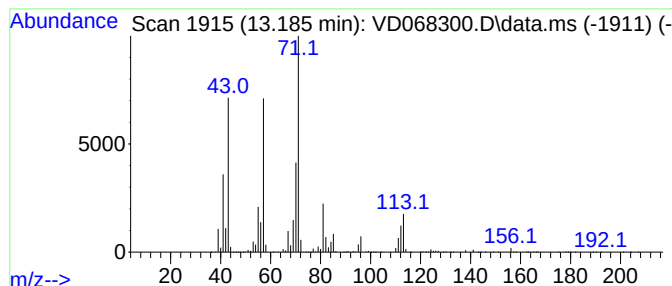
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.185	1040.35 ug/l	25130600	1,4-Dichlorobenzene-d4	13.573

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 4-methyl-	156	C11H24	002847-72-5	83
2			Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	80
3			1-Hexene, 3,4,5-trimethyl-	126	C9H18	056728-10-0	53
4			Sulfurous acid, octyl 2-pentyl e...	264	C13H28O3S	1000309-15-7	53
5			Octane, 2-bromo-	192	C8H17Br	000557-35-7	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020521\
Data File : VD068300.D
Acq On : 05 Feb 2021 14:30
Operator : VA/SY
Sample : M1317-03
Misc : 7.70G/5.00ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampled :
R-B

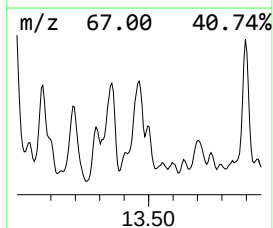
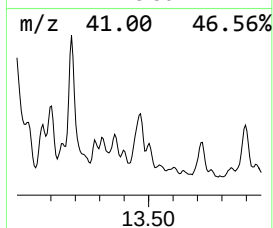
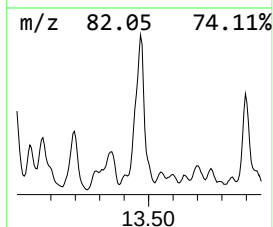
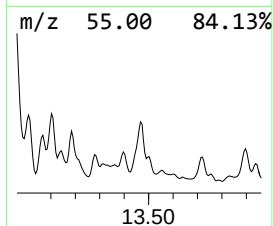
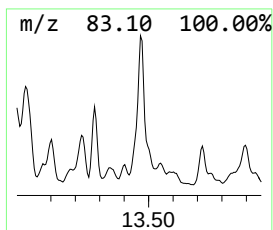
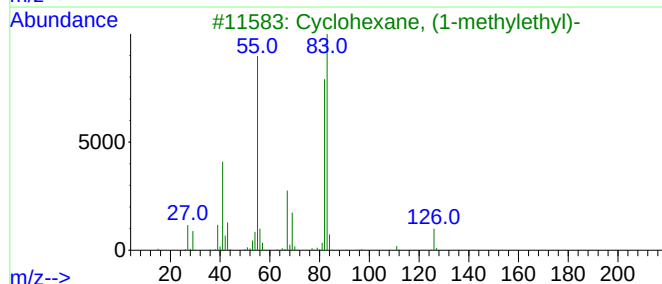
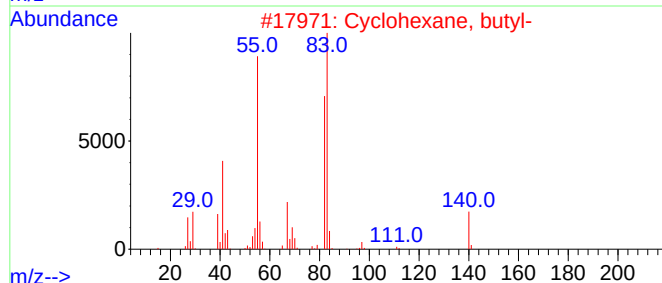
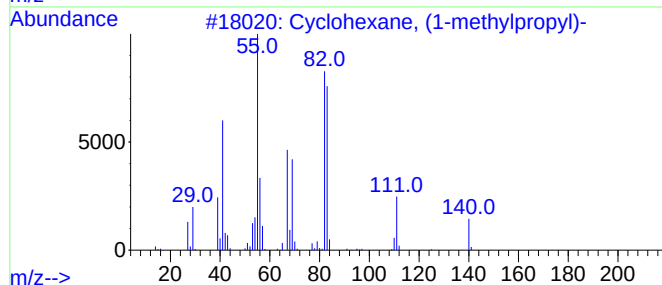
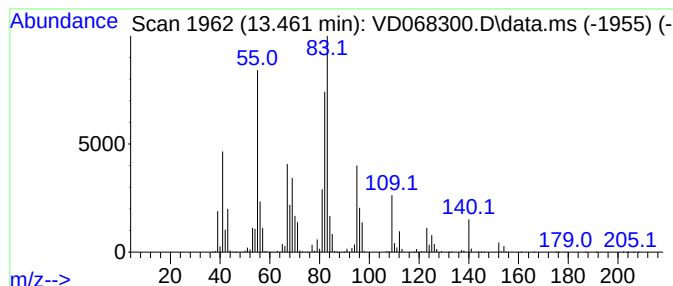
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
Quant Title : SW846 8260

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

Peak Number 10 Cyclohexane, (1-methylpropyl)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.461	554.78 ug/l	13401200	1,4-Dichlorobenzene-d4	13.573

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, (1-methylpropyl)-	140	C10H20	007058-01-7	50
2			Cyclohexane, butyl-	140	C10H20	001678-93-9	46
3			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	43
4			Cyclohexane, octyl-	196	C14H28	001795-15-9	43
5			Cyclohexane, pentyl-	154	C11H22	004292-92-6	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020521\
Data File : VD068300.D
Acq On : 05 Feb 2021 14:30
Operator : VA/SY
Sample : M1317-03
Misc : 7.70G/5.00ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
R-B

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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Cyclohexane, 1,...	11.450	572.0	ug/l	12722100	3	11.644	1112000	50.0
Cyclohexane, 1-...	12.155	1149.6	ug/l	25567000	3	11.644	1112000	50.0
Nonane, 3-methyl-	12.273	847.9	ug/l	18857300	3	11.644	1112000	50.0
1H-Indene, octa...	12.355	2507.9	ug/l	55777000	3	11.644	1112000	50.0
Cyclohexane, 1,...	12.714	708.9	ug/l	17122900	4	13.573	1207800	50.0
Glycine, furan-...	12.879	736.3	ug/l	17787000	4	13.573	1207800	50.0
Cyclohexane, 1-...	12.944	2404.2	ug/l	58074600	4	13.573	1207800	50.0
Decane, 4-methyl-	13.185	1040.3	ug/l	25130600	4	13.573	1207800	50.0
Cyclohexane, (1...	13.461	554.8	ug/l	13401200	4	13.573	1207800	50.0