

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101419\
 Data File : VY000302.D
 Acq On : 14 Oct 2019 16:22
 Operator : SY/MD
 Sample : K5325-07
 Misc : 4.56g/5.00ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 10-10-F

Integration Parameters: RTEINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.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	4.718	482	489	499	rBV3	6911	22969	1.70%	0.232%
2	7.730	972	983	988	rBV2	180083	421493	31.19%	4.260%
3	7.803	988	995	1008	rVB	288299	653502	48.36%	6.604%
4	8.151	1042	1052	1063	rBV	201951	437504	32.38%	4.421%
5	8.699	1134	1142	1152	rBV	491389	957359	70.85%	9.675%
6	10.181	1378	1385	1396	rBV	766571	1351289	100.00%	13.656%
7	10.370	1408	1416	1422	rVB6	6206	15111	1.12%	0.153%
8	10.522	1436	1441	1446	rVB4	10313	17858	1.32%	0.180%
9	10.620	1446	1457	1462	rBV4	17616	35989	2.66%	0.364%
10	10.973	1509	1515	1517	rBV3	18447	27463	2.03%	0.278%
11	11.041	1523	1526	1529	rVB2	18092	23803	1.76%	0.241%
12	11.089	1529	1534	1540	rVB5	13849	26489	1.96%	0.268%
13	11.297	1557	1568	1578	rVB3	53094	131653	9.74%	1.330%
14	11.382	1578	1582	1585	rBV3	11894	19063	1.41%	0.193%
15	11.492	1593	1600	1611	rVB	704888	1149037	85.03%	11.612%
16	11.626	1615	1622	1626	rVV2	47571	83817	6.20%	0.847%
17	11.675	1626	1630	1634	rVV3	66304	121464	8.99%	1.228%
18	11.736	1634	1640	1644	rVV3	97188	207249	15.34%	2.094%
19	11.778	1644	1647	1652	rVB	37418	60983	4.51%	0.616%
20	11.845	1652	1658	1663	rBV7	7195	15672	1.16%	0.158%
21	11.998	1675	1683	1696	rBV3	99700	292860	21.67%	2.960%
22	12.162	1706	1710	1712	rBV3	13477	20782	1.54%	0.210%
23	12.199	1712	1716	1720	rVV3	43429	79061	5.85%	0.799%
24	12.248	1720	1724	1726	rVV4	37311	66455	4.92%	0.672%
25	12.278	1727	1729	1733	rVV	43654	53393	3.95%	0.540%
26	12.321	1734	1736	1745	rVB9	12170	21736	1.61%	0.220%
27	12.479	1756	1762	1768	rBV	552805	865836	64.07%	8.750%
28	12.565	1768	1776	1780	rVV9	18307	45940	3.40%	0.464%
29	12.650	1785	1790	1796	rVB3	47691	88181	6.53%	0.891%
30	12.723	1796	1802	1805	rBV4	20224	44523	3.29%	0.450%
31	12.766	1805	1809	1810	rVV4	13792	14428	1.07%	0.146%
32	12.802	1810	1815	1821	rVB3	55408	110878	8.21%	1.121%
33	12.863	1821	1825	1829	rVB6	14886	22921	1.70%	0.232%
34	12.924	1829	1835	1837	rBV6	10830	19460	1.44%	0.197%

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35	13.040	1843	1854	1861	rVB2	76472	161611	11.96%	1.633%
36	13.144	1863	1871	1875	rVV7	22818	52352	3.87%	0.529%
37	13.186	1875	1878	1884	rVV6	20295	41336	3.06%	0.418%
38	13.247	1884	1888	1892	rVV5	19882	34124	2.53%	0.345%
39	13.302	1892	1897	1902	rVV6	31514	74138	5.49%	0.749%
40	13.345	1902	1904	1910	rVV5	15776	25147	1.86%	0.254%
41	13.424	1910	1917	1925	rVB	714034	1094640	81.01%	11.063%
42	13.497	1925	1929	1932	rBV4	12264	20991	1.55%	0.212%
43	13.546	1932	1937	1944	rVV5	36068	89672	6.64%	0.906%
44	13.613	1944	1948	1955	rVB3	15264	27880	2.06%	0.282%
45	13.699	1957	1962	1965	rVV3	22323	34653	2.56%	0.350%
46	13.747	1965	1970	1982	rVV3	73710	153484	11.36%	1.551%
47	14.077	2018	2024	2030	rBV7	12584	27856	2.06%	0.282%
48	14.192	2038	2043	2049	rVB4	29902	53117	3.93%	0.537%
49	14.253	2049	2053	2056	rBV5	19806	28590	2.12%	0.289%
50	14.284	2056	2058	2063	rVB5	10393	14763	1.09%	0.149%
51	14.333	2063	2066	2070	rVB	19929	24422	1.81%	0.247%
52	14.381	2070	2074	2077	rBV5	14364	19235	1.42%	0.194%
53	14.418	2077	2080	2084	rVB5	15692	19385	1.43%	0.196%
54	14.479	2086	2090	2095	rVB7	10091	15745	1.17%	0.159%
55	14.613	2107	2112	2117	rVB5	33506	48019	3.55%	0.485%
56	14.674	2117	2122	2129	rBV4	35707	76040	5.63%	0.768%
57	14.735	2129	2132	2137	rVB3	15204	24402	1.81%	0.247%
58	14.784	2137	2140	2147	rVB9	7181	15305	1.13%	0.155%
59	14.869	2148	2154	2160	rBV6	8849	19246	1.42%	0.195%
60	14.948	2162	2167	2170	rBV3	28421	53799	3.98%	0.544%
61	15.052	2179	2184	2190	rBV3	15497	32672	2.42%	0.330%
62	15.131	2194	2197	2202	rVB5	8421	13749	1.02%	0.139%
63	15.235	2204	2214	2220	rBV7	16914	41682	3.08%	0.421%
64	15.436	2243	2247	2252	rVB7	8750	15322	1.13%	0.155%
65	16.363	2394	2399	2404	rBV8	8439	15428	1.14%	0.156%

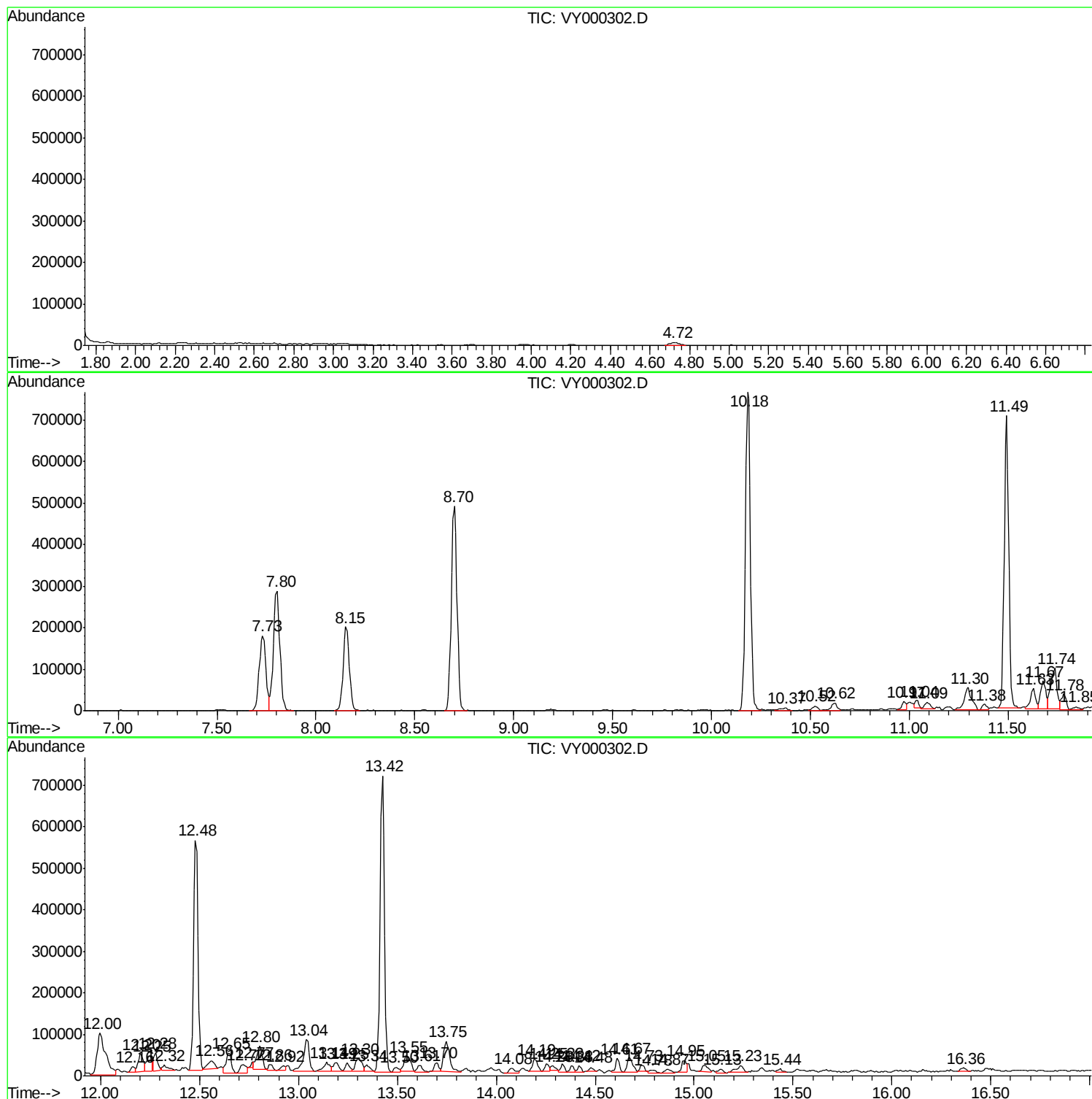
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
Quant Title : SW846 8260

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



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10-10-F

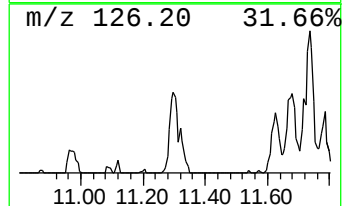
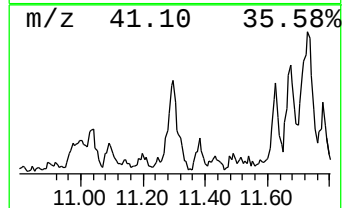
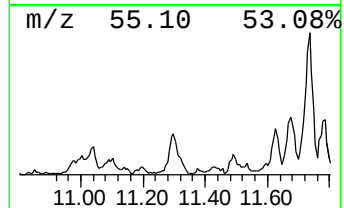
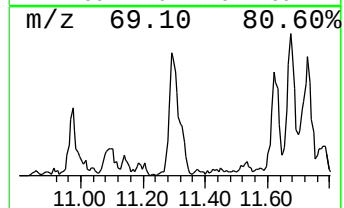
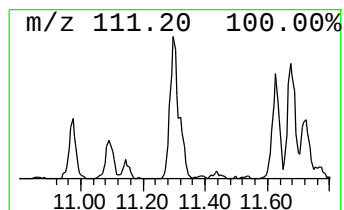
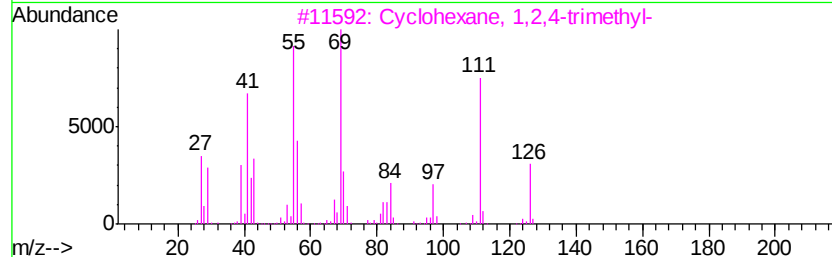
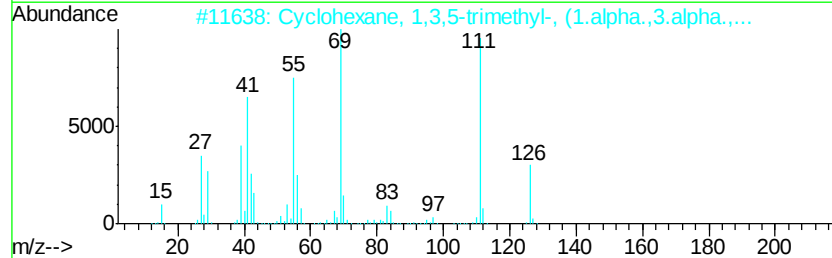
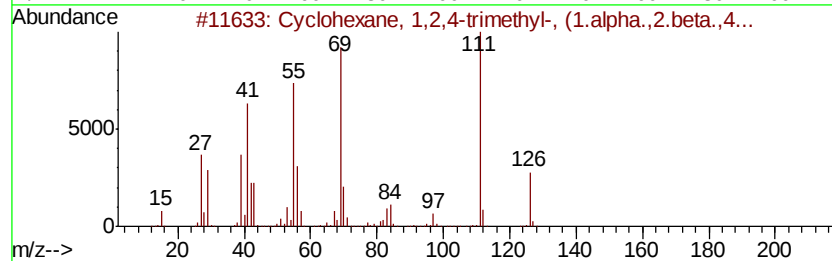
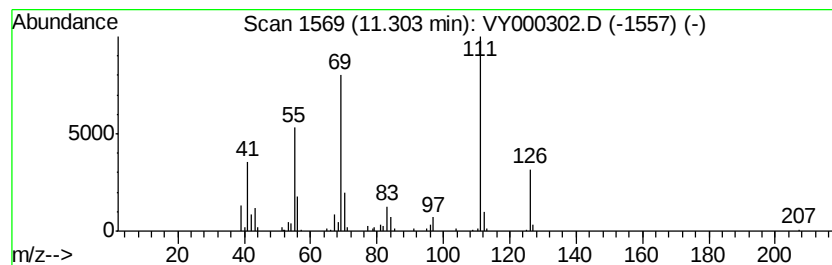
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
Quant Title : SW846 8260

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

Peak Number 1 Cyclohexane, 1,2,4-trimethy... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.30	5.73 ug/l	131653	Chlorobenzene-d5	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,2,4-trimethyl-, (...)	126	C9H18	007667-60-9	94
2		Cyclohexane, 1,3,5-trimethyl-, (...)	126	C9H18	001795-26-2	90
3		Cyclohexane, 1,2,4-trimethyl-, (...)	126	C9H18	002234-75-5	86
4		Cyclohexane, 1,3,5-trimethyl-, (...)	126	C9H18	001795-27-3	74
5		Cyclohexane, 1,3,5-trimethyl-, (...)	126	C9H18	001839-63-0	74



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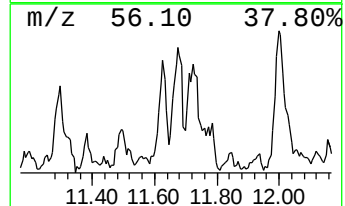
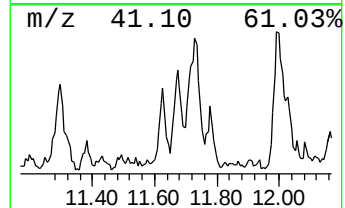
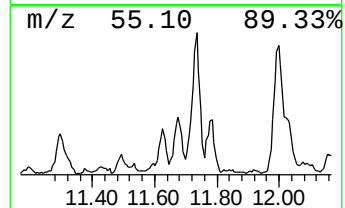
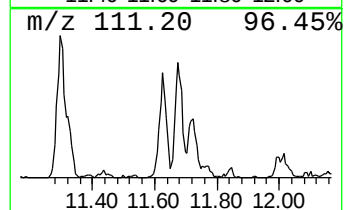
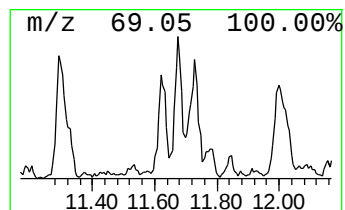
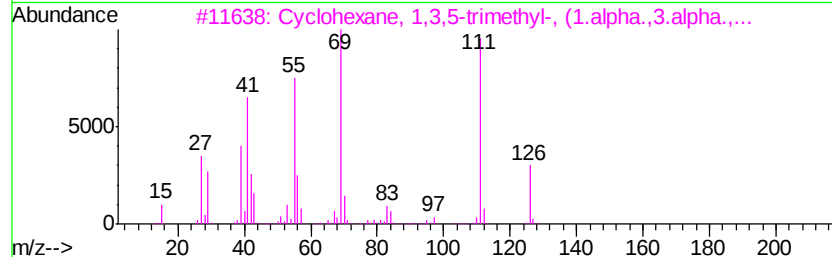
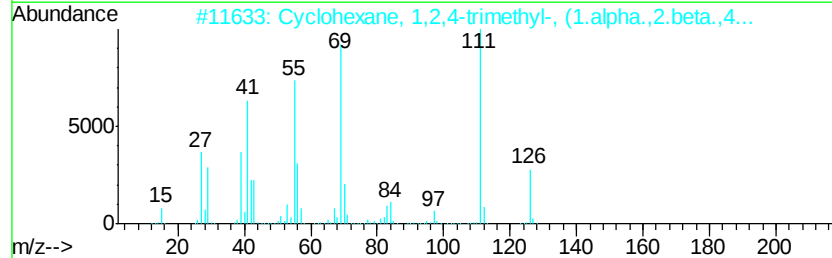
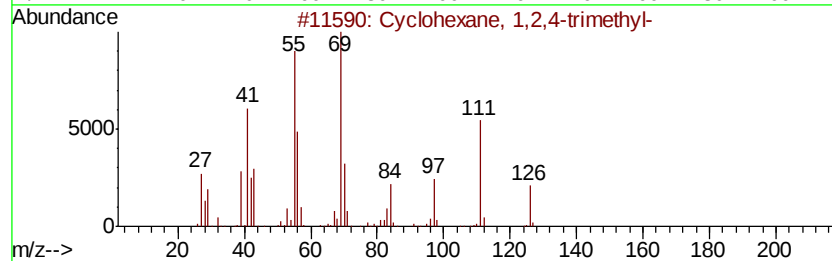
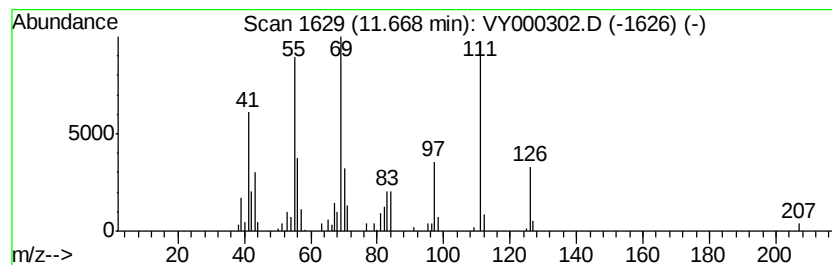
Instrument :
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.67	5.29 ug/l	121464	Chlorobenzene-d5	11.49		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cvclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	90
2		Cvclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	72
3		Cvclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	64
4		Cvclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	58
5		Cvclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	58



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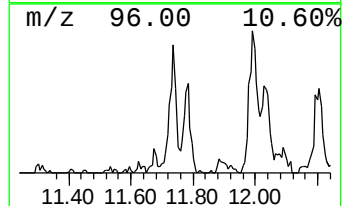
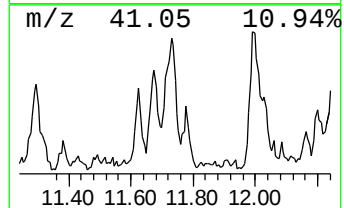
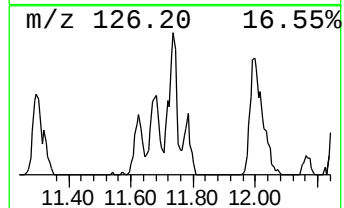
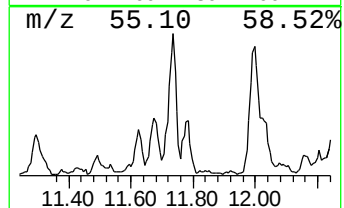
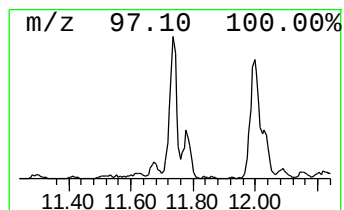
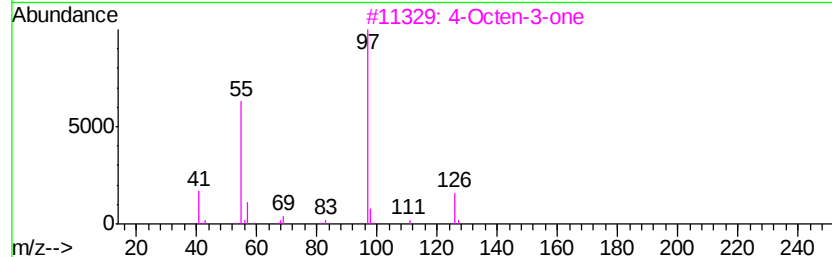
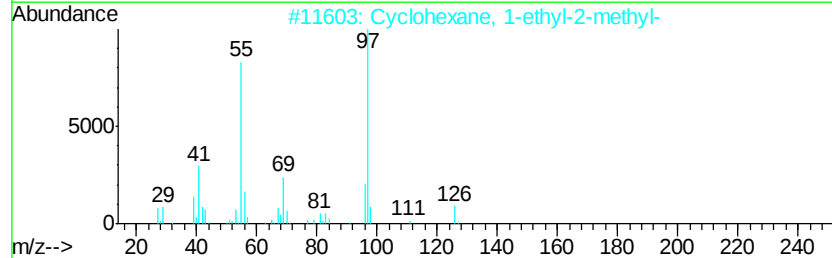
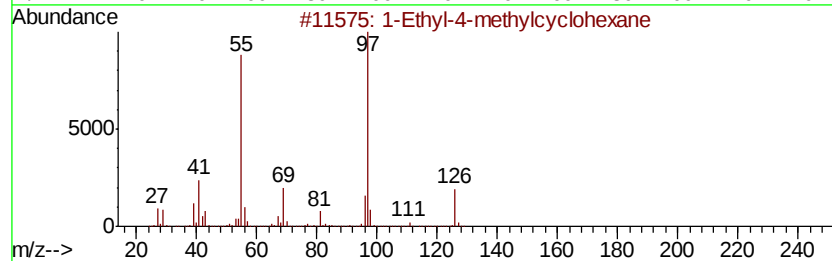
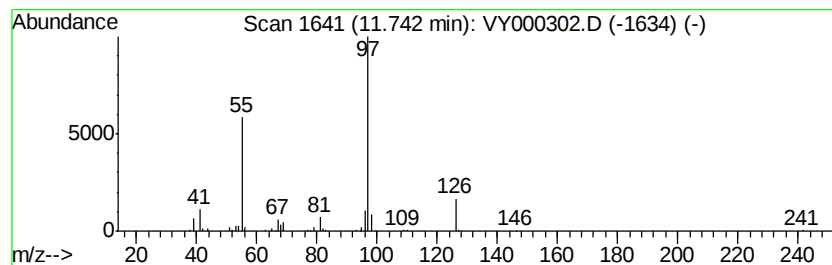
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 1-Ethyl-4-methylcyclohexane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.74	9.02 ug/l	207249	Chlorobenzene-d5	11.49		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Ethyl-4-methylcvclohexane	126	C9H18	003728-56-1	91
2		Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	78
3		4-Octen-3-one	126	C8H14O	014129-48-7	72
4		Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	72
5		2-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-40-4	64



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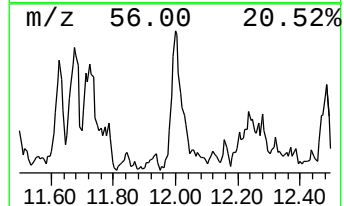
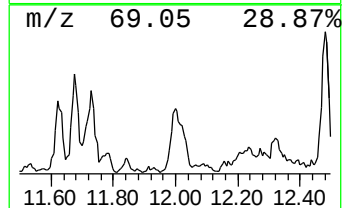
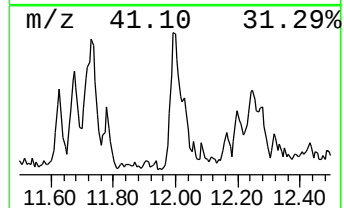
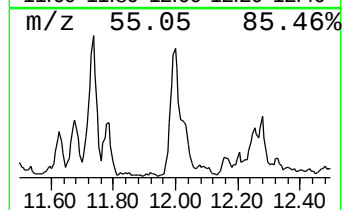
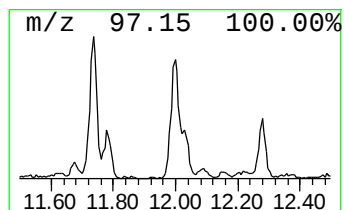
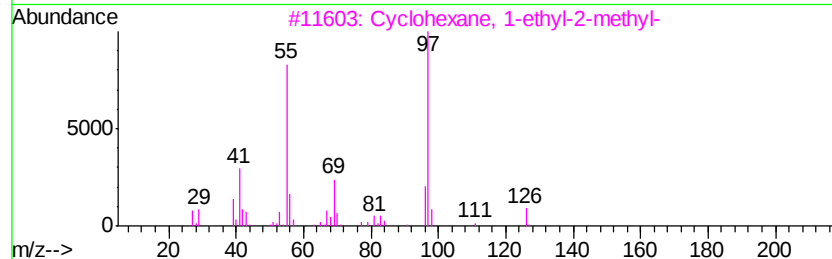
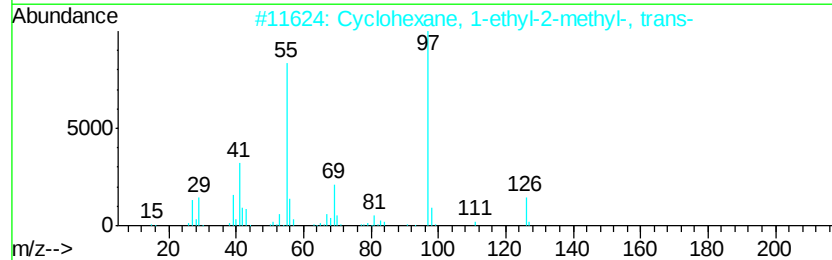
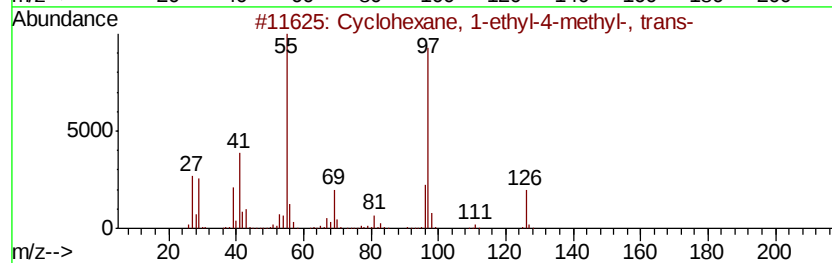
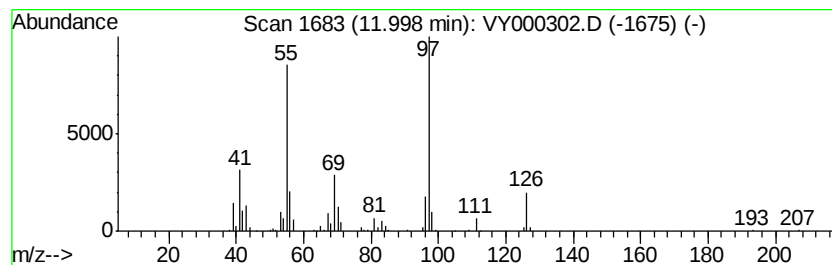
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Peak Number 4 Cyclohexane, 1-ethyl-4-meth... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.00	12.74 ug/l	292860	Chlorobenzene-d5	11.49		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cvclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	87
2		Cvclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	87
3		Cvclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	80
4		1-Ethyl-4-methylcvclohexane	126	C9H18	003728-56-1	76
5		2-Hexene, 3,4,4-trimethyl-	126	C9H18	053941-19-8	76



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY101419\
Data File : VY000302.D
Acq On : 14 Oct 2019 16:22
Operator : SY/MD
Sample : K5325-07
Misc : 4.56a/5.00ML/MSVOA Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

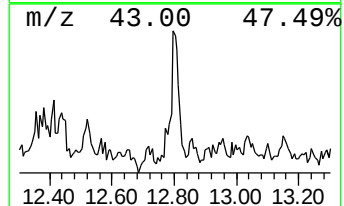
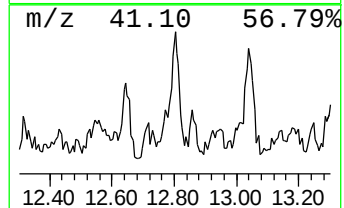
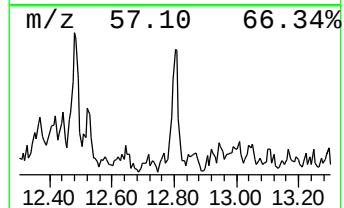
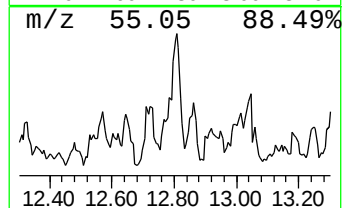
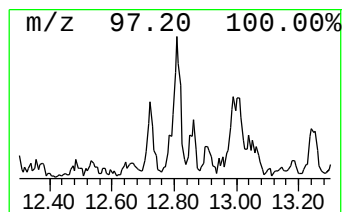
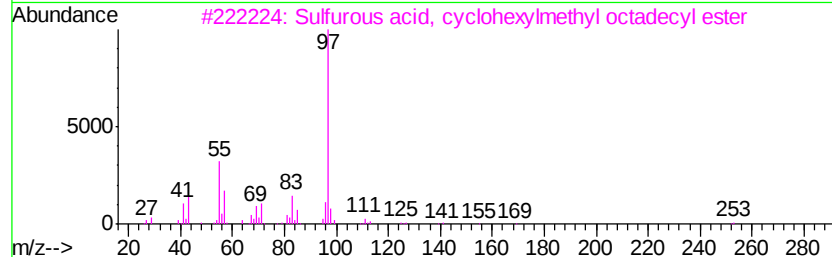
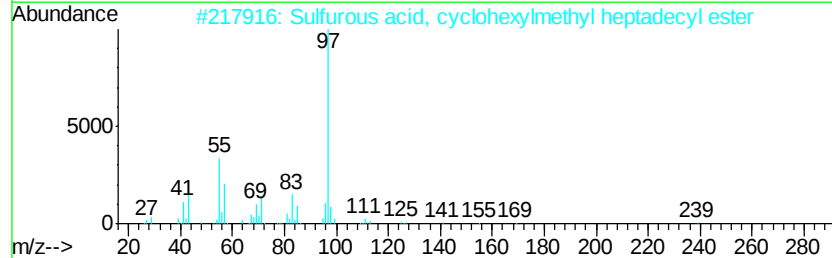
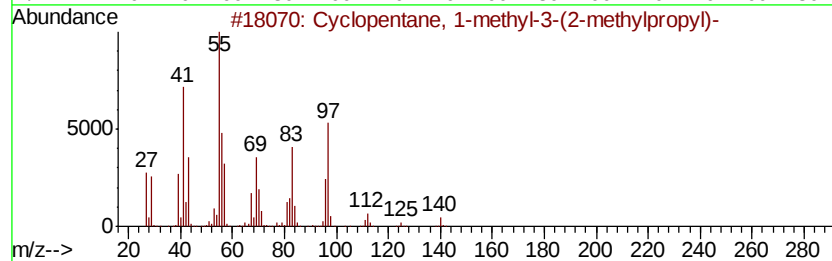
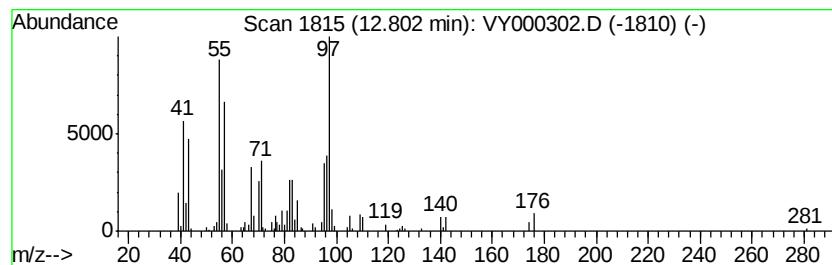
Instrument :
MSVOA_Y
ClientSampleId :
10-10-F

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
Quant Title : SW846 8260

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

Peak Number 5 Cyclopentane, 1-methyl-3-(2... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.80	5.06 ug/l	110878	1,4-Dichlorobenzene-d4	13.42
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclopentane, 1-methyl-3-(2-meth...	140 C10H20	029053-04-1 58
2		Sulfurous acid, cyclohexylmethyl...	416 C24H48O3S	1000309-22-5 50
3		Sulfurous acid, cyclohexylmethyl...	430 C25H50O3S	1000309-22-6 50
4		Cyclohexane, 1-methyl-2-propyl-	140 C10H20	004291-79-6 47
5		Oxalic acid, cyclohexylmethyl tr...	368 C22H40O4	1000309-69-1 47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY101419\
Data File : VY000302.D
Acq On : 14 Oct 2019 16:22
Operator : SY/MD
Sample : K5325-07
Misc : 4.56g/5.00ML/MSVOA Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

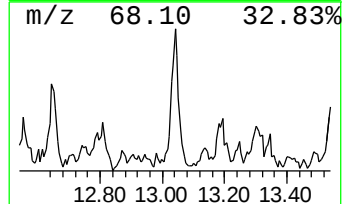
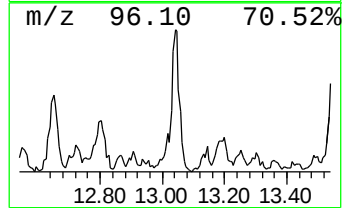
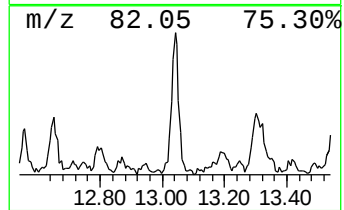
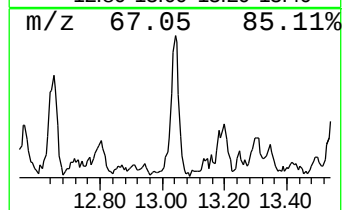
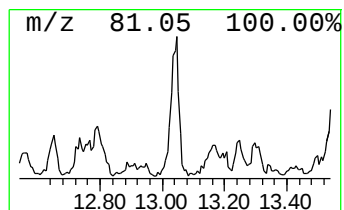
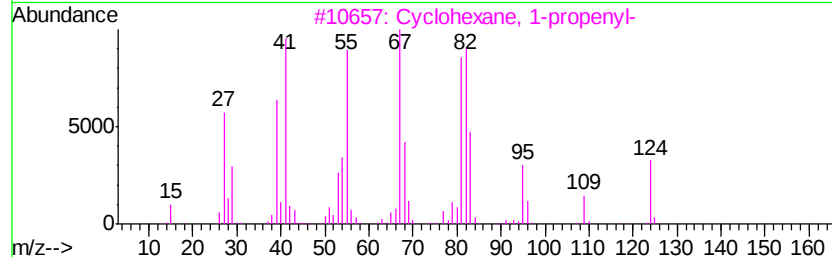
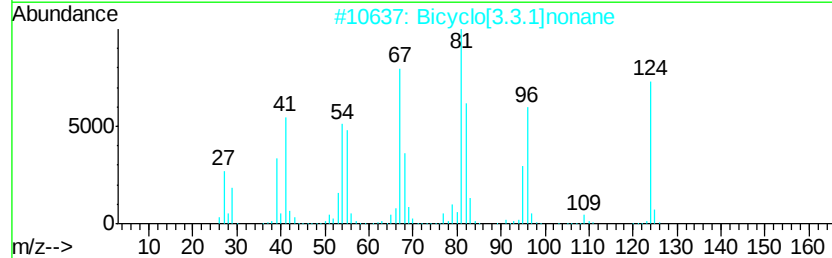
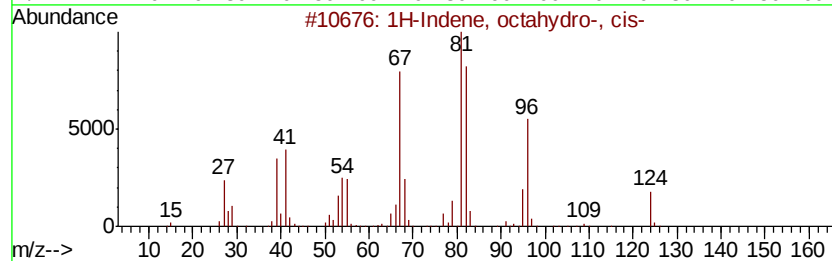
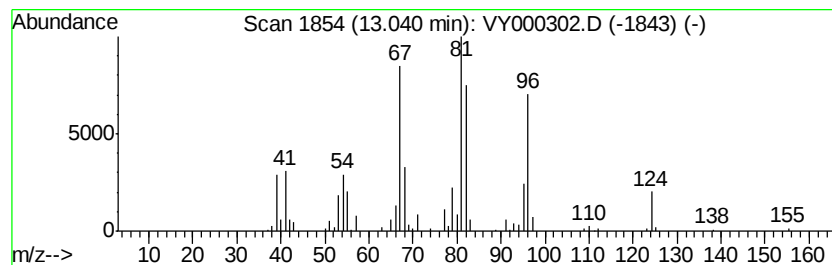
Instrument :
MSVOA_Y
ClientSampleId :
10-10-F

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
Quant Title : SW846 8260

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

Peak Number 6 1H-Indene, octahydro-, cis- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.04	7.38 ug/l	161611	1,4-Dichlorobenzene-d4	13.42
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1H-Indene, octahydro-, cis-	124 C9H16	004551-51-3 96
2		Bicyclo[3.3.1]nonane	124 C9H16	000280-65-9 90
3		Cyclohexane, 1-propenyl-	124 C9H16	005364-83-0 87
4		Cyclooctene, 3-methyl-	124 C9H16	013152-05-1 80
5		Cyclohexene, 4-propyl-	124 C9H16	013487-64-4 70



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY101419\
Data File : VY000302.D
Acq On : 14 Oct 2019 16:22
Operator : SY/MD
Sample : K5325-07
Misc : 4.56µ/5.00ML/MSVOA Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
10-10-F

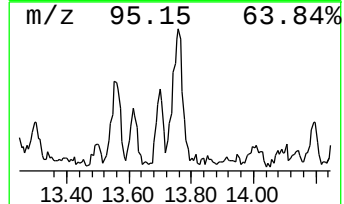
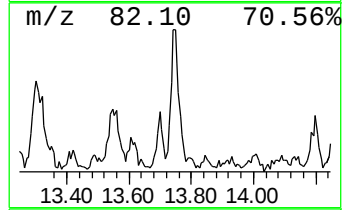
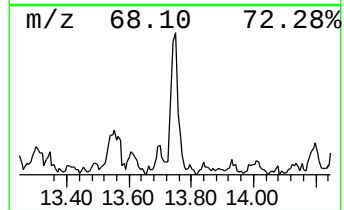
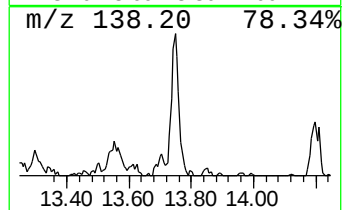
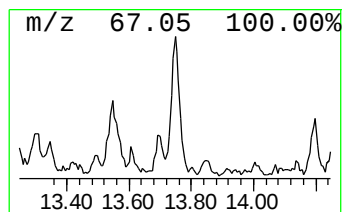
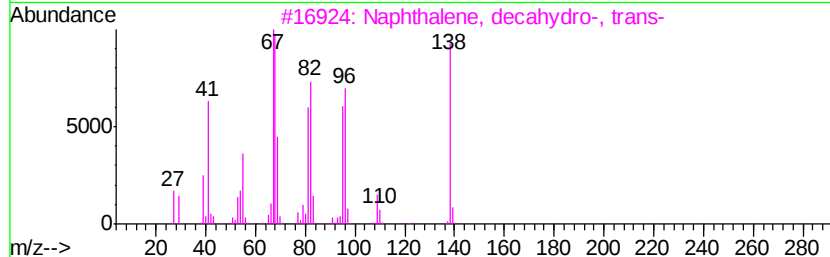
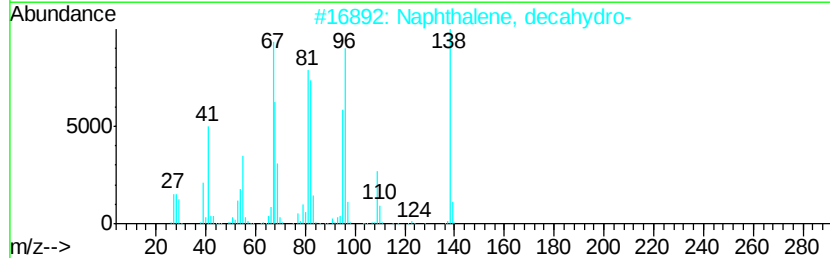
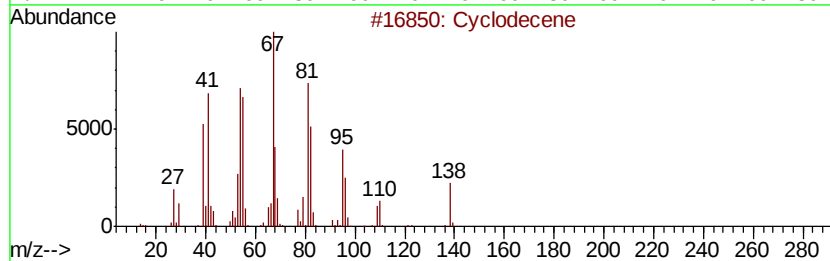
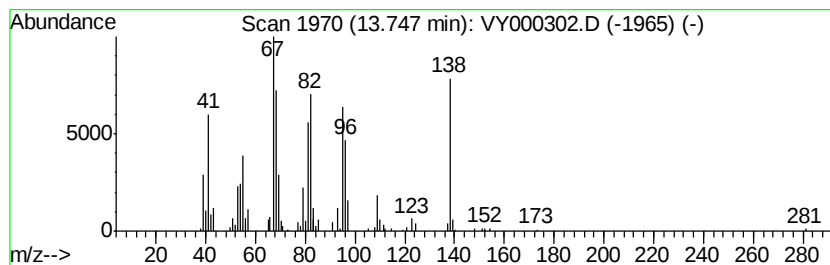
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
Quant Title : SW846 8260

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

Peak Number 7 Cyclodecene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	7.01 ug/l	153484	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclodecene	138	C10H18	003618-12-0	90
2		Naphthalene, decahydro-	138	C10H18	000091-17-8	87
3		Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	87
4		2H-Inden-2-one, octahydro-, cis-	138	C9H14O	005689-04-3	72
5		5-Cyclooctene-1,2-dione	138	C8H10O2	035353-89-0	58



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY101419\
Data File : VY000302.D
Acq On : 14 Oct 2019 16:22
Operator : SY/MD
Sample : K5325-07
Misc : 4.56g/5.00ML/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
10-10-F

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.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, 1,2,...	11.30	5.7	ug/l	131653	3	11.49	1149040	50.0
Cyclohexane, 1,2,...	11.67	5.3	ug/l	121464	3	11.49	1149040	50.0
1-Ethyl-4-methylc...	11.74	9.0	ug/l	207249	3	11.49	1149040	50.0
Cyclohexane, 1-et...	12.00	12.7	ug/l	292860	3	11.49	1149040	50.0
Cyclopentane, 1-m...	12.80	5.1	ug/l	110878	4	13.42	1094640	50.0
1H-Indene, octahy...	13.04	7.4	ug/l	161611	4	13.42	1094640	50.0
Cyclodecene	13.75	7.0	ug/l	153484	4	13.42	1094640	50.0