

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041620\
 Data File : VY002361.D
 Acq On : 16 Apr 2020 13:03
 Operator : SY/MD
 Sample : L2245-20
 Misc : 4.62G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-22

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\82Y040820S.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	1.871	18	22	29	rVB2	5019	8554	1.02%	0.123%
2	3.962	358	365	377	rBV2	3442	10272	1.22%	0.148%
3	7.730	973	983	989	rBV2	106318	258060	30.66%	3.713%
4	7.803	989	995	1006	rVB	183253	412889	49.05%	5.941%
5	8.151	1043	1052	1063	rBV	101538	220582	26.20%	3.174%
6	8.327	1075	1081	1090	rVB3	4220	9870	1.17%	0.142%
7	8.699	1132	1142	1154	rBV	307190	605607	71.94%	8.715%
8	9.754	1307	1315	1322	rBV4	5850	12500	1.48%	0.180%
9	10.181	1378	1385	1394	rBV	492807	841812	100.00%	12.114%
10	11.095	1529	1535	1540	rBV3	6005	10413	1.24%	0.150%
11	11.492	1590	1600	1609	rVB	415583	674198	80.09%	9.702%
12	11.998	1678	1683	1689	rVB8	4188	8564	1.02%	0.123%
13	12.199	1707	1716	1720	rBV5	5494	13829	1.64%	0.199%
14	12.479	1756	1762	1769	rBV	274928	440219	52.29%	6.335%
15	12.644	1785	1789	1795	rVB6	10223	18380	2.18%	0.264%
16	12.723	1795	1802	1808	rBV10	5848	14433	1.71%	0.208%
17	12.814	1809	1817	1821	rVV4	13300	29916	3.55%	0.430%
18	12.863	1821	1825	1829	rVB5	7049	11785	1.40%	0.170%
19	12.949	1836	1839	1843	rVB5	7833	10398	1.24%	0.150%
20	13.003	1843	1848	1851	rBV5	5106	10354	1.23%	0.149%
21	13.168	1872	1875	1879	rBV4	8399	12996	1.54%	0.187%
22	13.223	1880	1884	1886	rBV3	7021	10675	1.27%	0.154%
23	13.320	1892	1900	1904	rBV4	21651	43614	5.18%	0.628%
24	13.424	1911	1917	1923	rBV	308199	478239	56.81%	6.882%
25	13.570	1936	1941	1943	rBV6	11090	18070	2.15%	0.260%
26	13.692	1955	1961	1963	rBV6	9101	16172	1.92%	0.233%
27	13.747	1964	1970	1975	rVV5	45429	90173	10.71%	1.298%
28	13.796	1975	1978	1983	rVV4	14081	26042	3.09%	0.375%
29	13.857	1984	1988	1993	rVV5	13658	29963	3.56%	0.431%
30	13.973	2003	2007	2012	rVB	43376	67219	7.99%	0.967%
31	14.015	2012	2014	2019	rVB4	14862	22343	2.65%	0.322%
32	14.076	2020	2024	2029	rBV4	35314	59396	7.06%	0.855%
33	14.144	2030	2035	2041	rVB6	28469	55221	6.56%	0.795%
34	14.198	2041	2044	2048	rBV6	15501	26927	3.20%	0.387%

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35	14.265	2049	2055	2058	rBV3	68917	136802	16.25%	1.969%
36	14.381	2070	2074	2077	rBV3	16905	27729	3.29%	0.399%
37	14.424	2077	2081	2084	rVV3	40823	59248	7.04%	0.853%
38	14.619	2110	2113	2117	rBV4	23160	31997	3.80%	0.460%
39	14.680	2117	2123	2128	rVV4	112737	223994	26.61%	3.223%
40	14.735	2128	2132	2138	rVB3	86000	156635	18.61%	2.254%
41	14.851	2148	2151	2153	rBV3	13292	17206	2.04%	0.248%
42	14.948	2163	2167	2170	rVB2	68863	100987	12.00%	1.453%
43	14.985	2170	2173	2179	rBV2	25284	50413	5.99%	0.725%
44	15.058	2180	2185	2190	rVV2	59199	107178	12.73%	1.542%
45	15.125	2193	2196	2203	rVB5	42759	92222	10.96%	1.327%
46	15.216	2205	2211	2217	rVB3	113610	186261	22.13%	2.680%
47	15.296	2218	2224	2228	rBV3	57689	105876	12.58%	1.524%
48	15.345	2228	2232	2237	rBV4	39603	85909	10.21%	1.236%
49	15.527	2256	2262	2269	rBV2	57804	134650	16.00%	1.938%
50	15.607	2270	2275	2280	rVV5	64399	111991	13.30%	1.612%
51	15.692	2285	2289	2292	rBV3	33773	60238	7.16%	0.867%
52	15.887	2316	2321	2326	rVB3	34052	73894	8.78%	1.063%
53	16.040	2340	2346	2351	rBV3	59616	116776	13.87%	1.680%
54	16.161	2362	2366	2371	rBV2	71835	112945	13.42%	1.625%
55	16.235	2374	2378	2384	rVB3	62461	119276	14.17%	1.716%
56	16.491	2413	2420	2427	rBV3	72761	197188	23.42%	2.837%
57	16.613	2435	2440	2451	rBV9	18105	60265	7.16%	0.867%

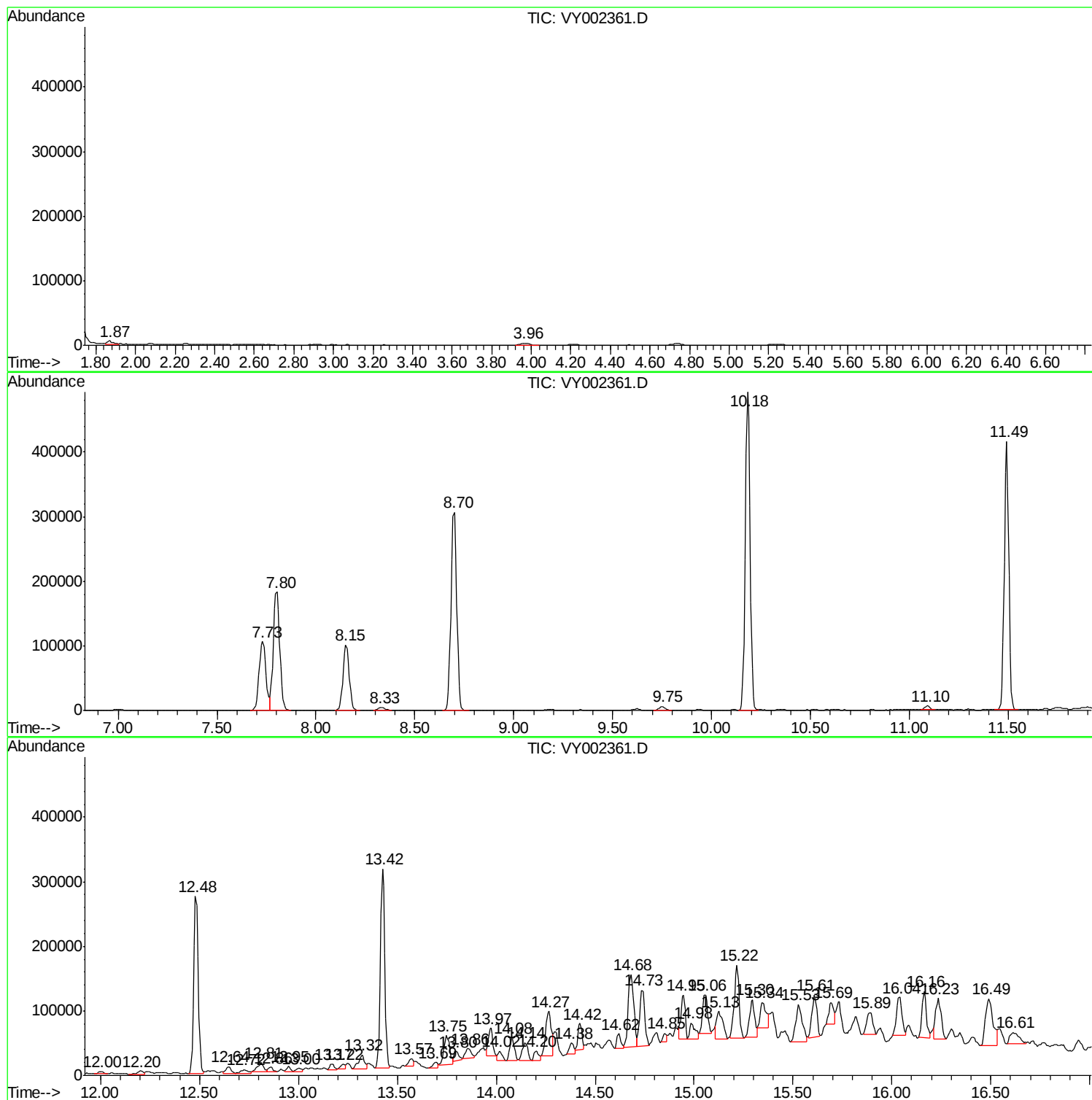
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
Quant Title : SW846 8260

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



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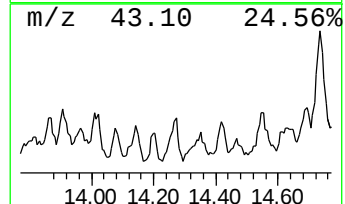
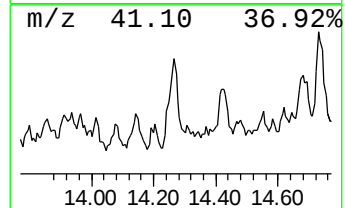
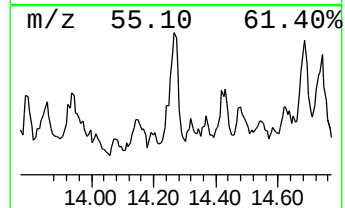
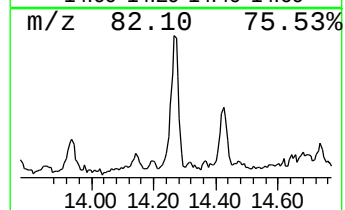
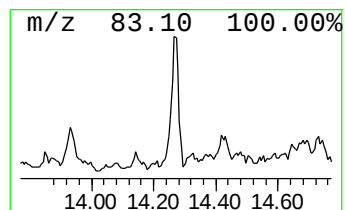
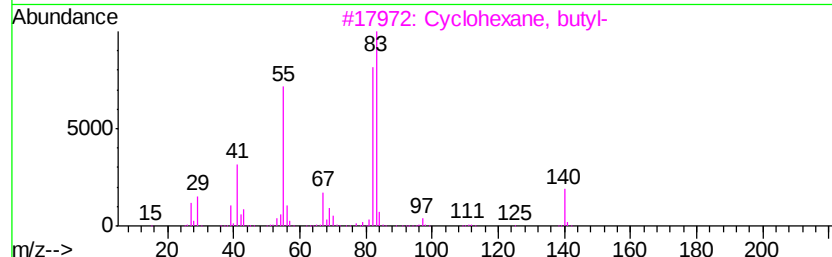
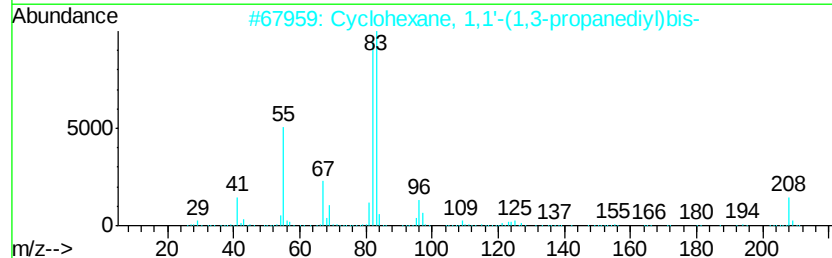
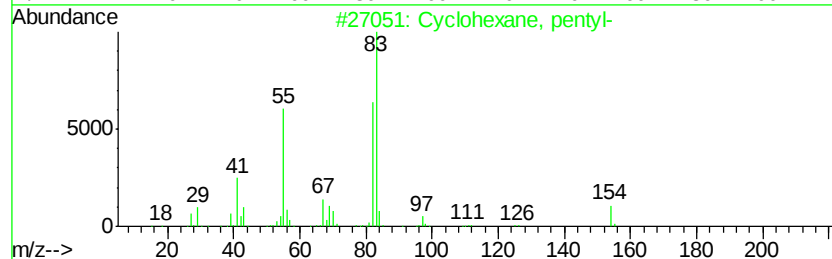
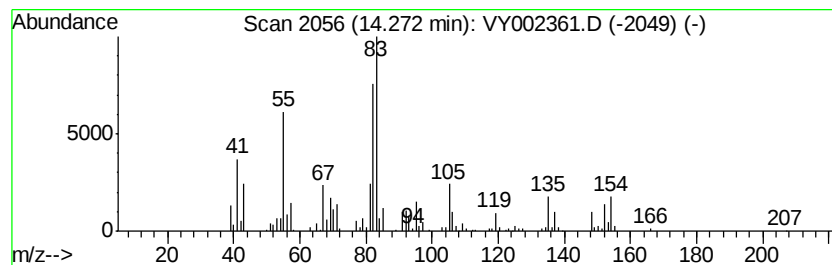
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 Quant Title : SW846 8260

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

 Peak Number 1 Cyclohexane, pentyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.27	14.30 ug/l	136802	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, pentyl-	154	C11H22	004292-92-6	60
2		Cyclohexane, 1,1'-(1,3-propanedi...	208	C15H28	003178-24-3	49
3		Cyclohexane, butyl-	140	C10H20	001678-93-9	47
4		1-Methylbicyclo[3.3.0]octane-3,7...	152	C9H12O2	021170-08-1	47
5		Cyclohexane, 1,1'-(1,2-ethanedi...	194	C14H26	003321-50-4	47



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Misc : 4.62G/5ML/MSVOA Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampled :
TP-22

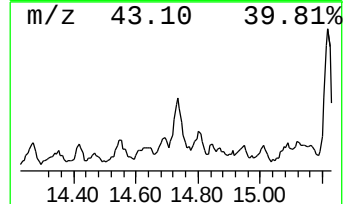
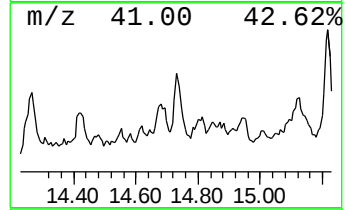
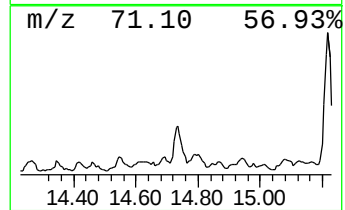
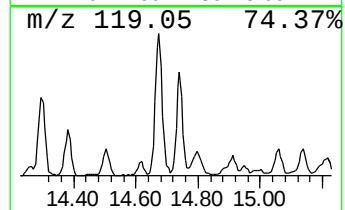
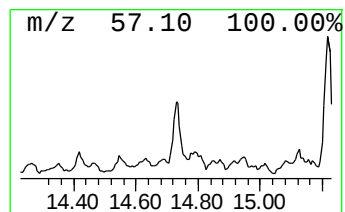
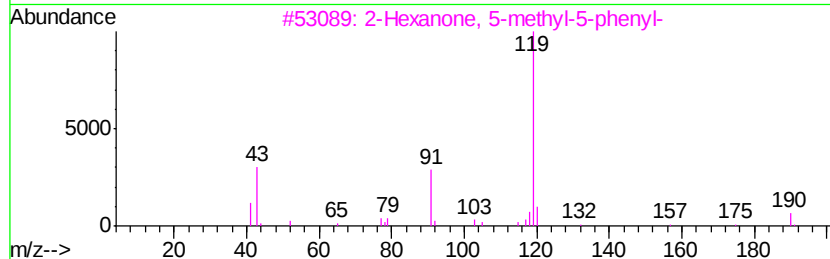
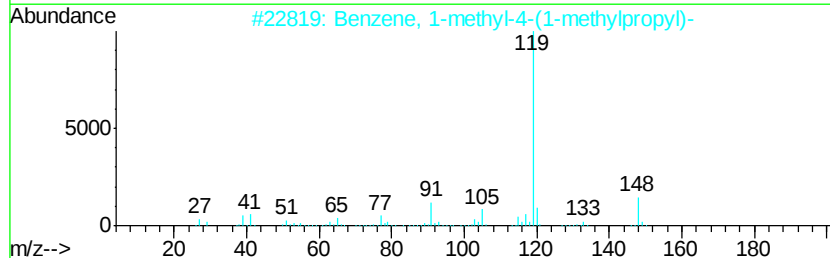
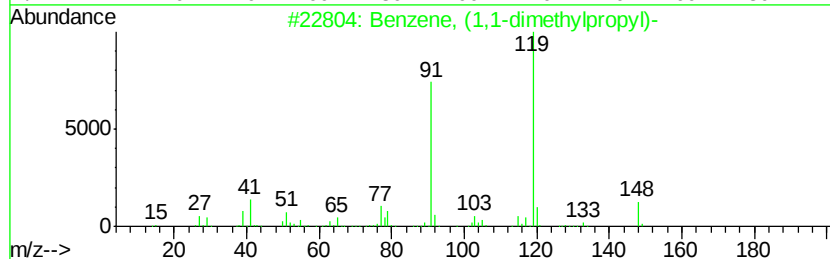
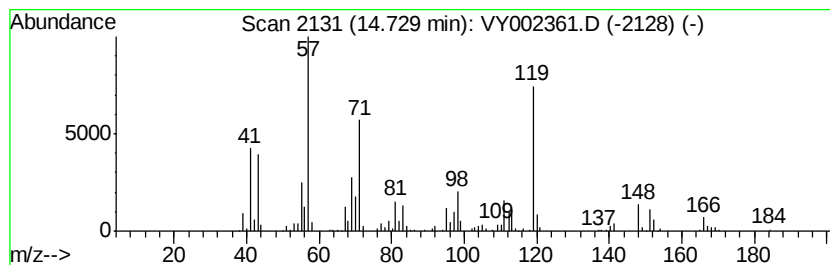
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 unknown14.73 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	16.38 ug/l	156635	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	46
2		Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	46
3		2-Hexanone, 5-methyl-5-phenyl-	190	C13H18O	014128-61-1	38
4		1,3,5-Cycloheptatriene, 3,7,7-tr...	134	C10H14	003479-89-8	38
5		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	38



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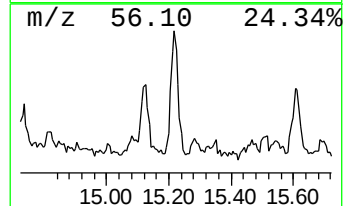
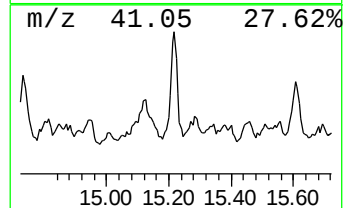
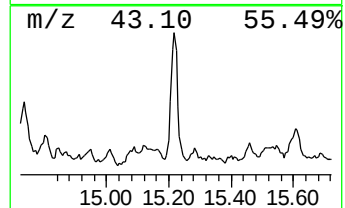
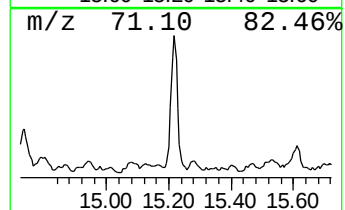
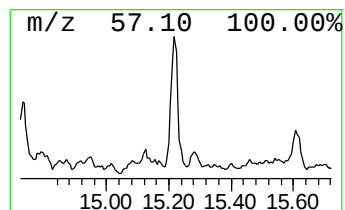
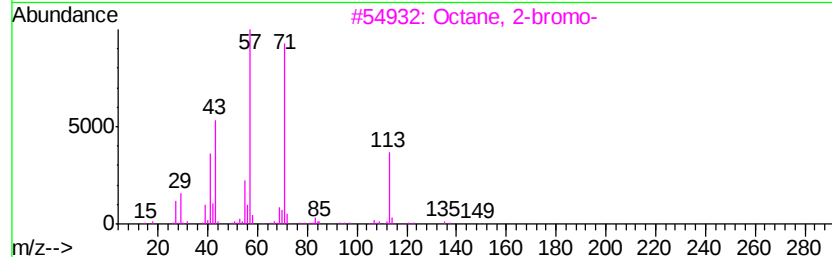
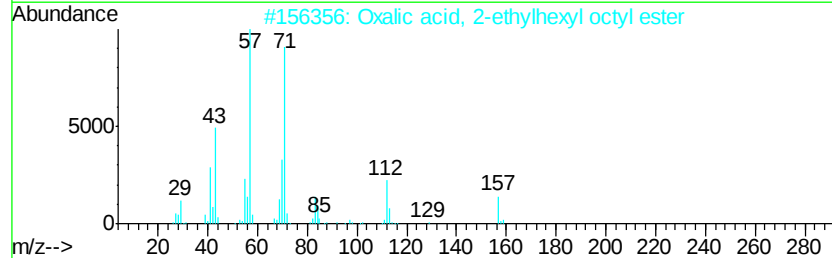
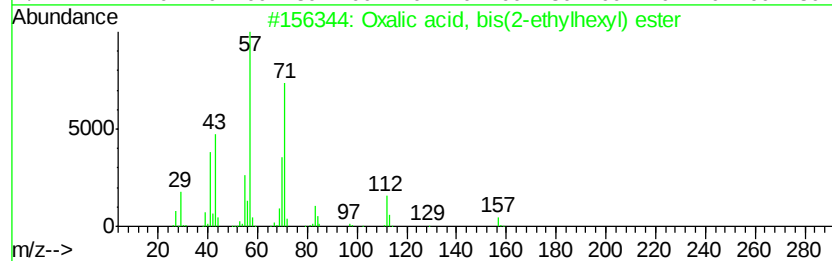
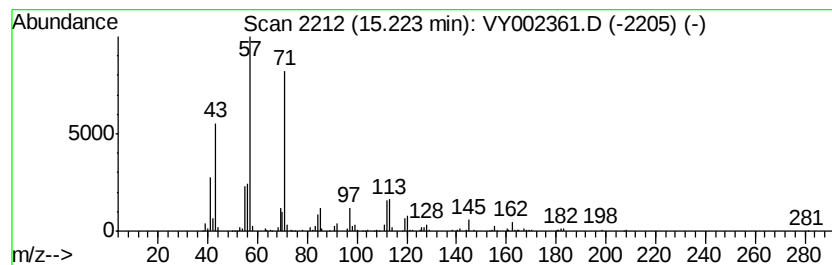
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 Oxalic acid, bis(2-ethylhex... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.22	19.47 ug/l	186261	1,4-Dichlorobenzene-d4	13.42

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Oxalic acid, bis(2-ethylhexyl) e...	314	C18H34O4	1000309-39-0	53
2		Oxalic acid, 2-ethylhexyl octyl ...	314	C18H34O4	1000309-39-1	53
3		Octane, 2-bromo-	192	C8H17Br	000557-35-7	50
4		Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	50
5		Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	47



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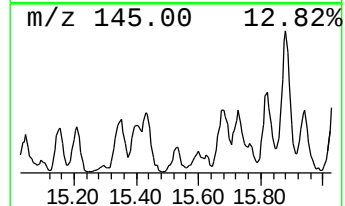
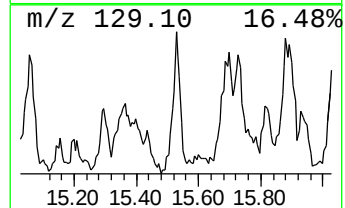
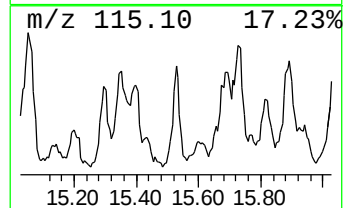
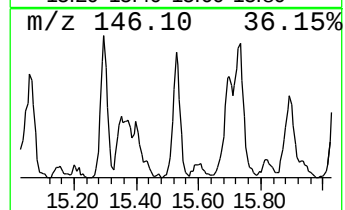
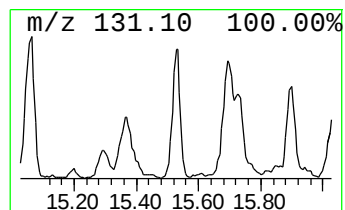
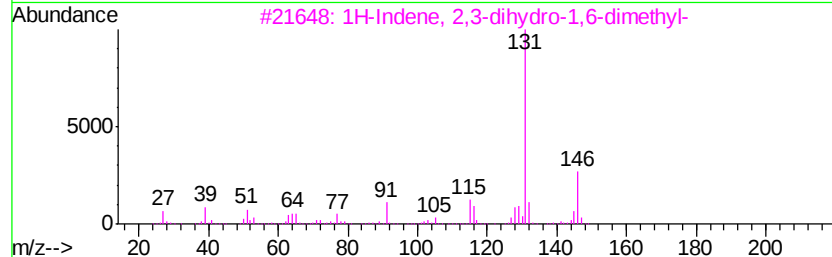
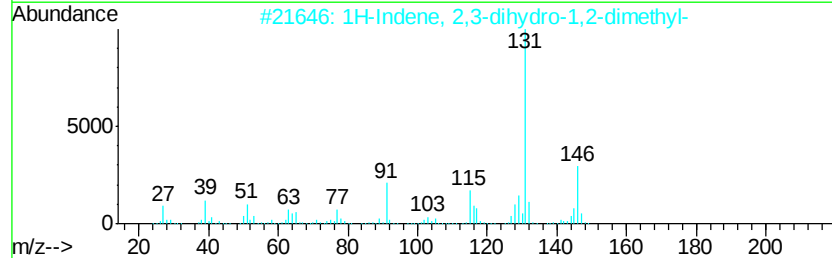
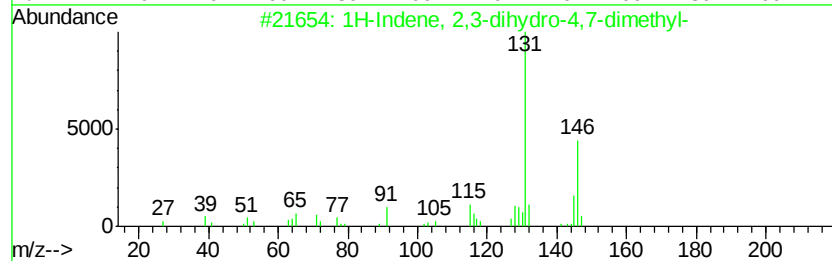
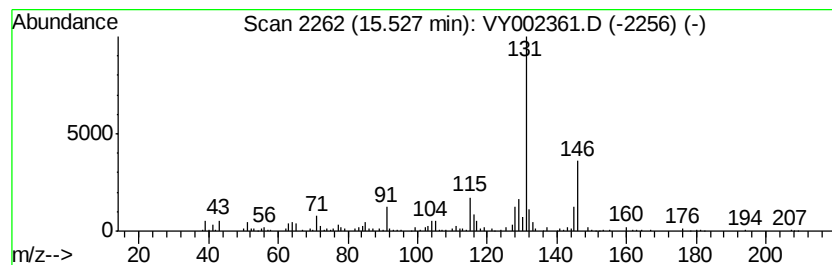
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Peak Number 5 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.53	14.08 ug/l	134650	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
2		1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91
3		1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91
4		1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91
5		Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	90



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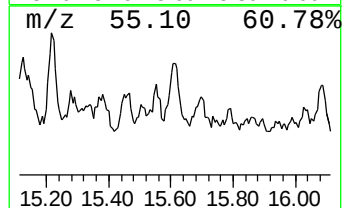
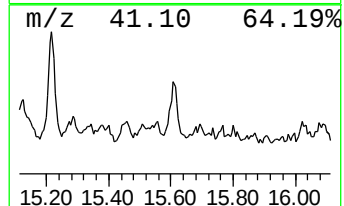
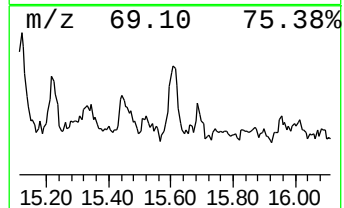
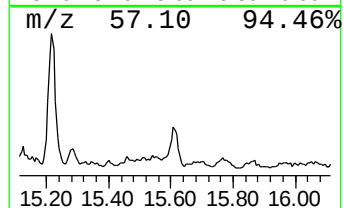
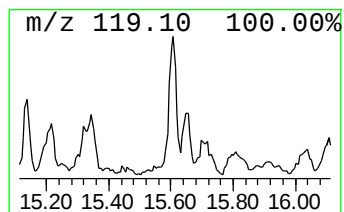
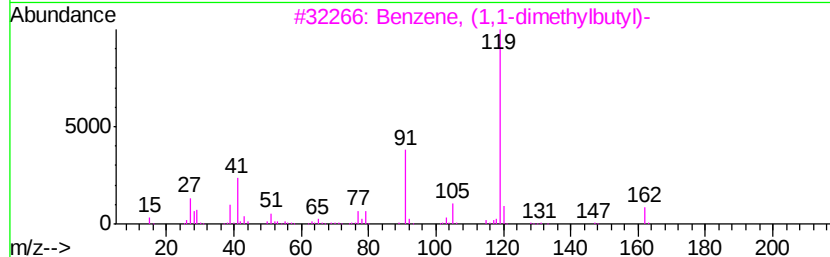
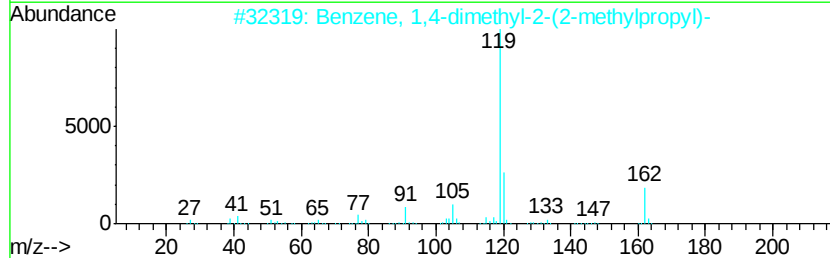
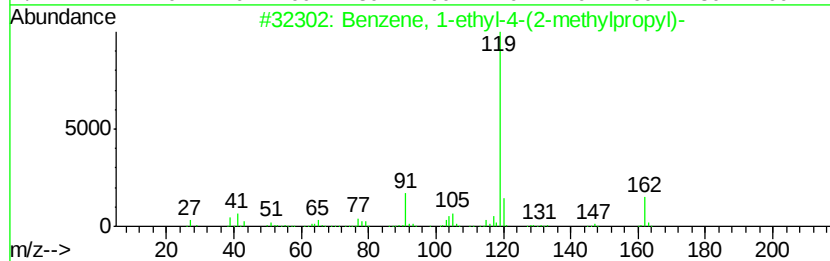
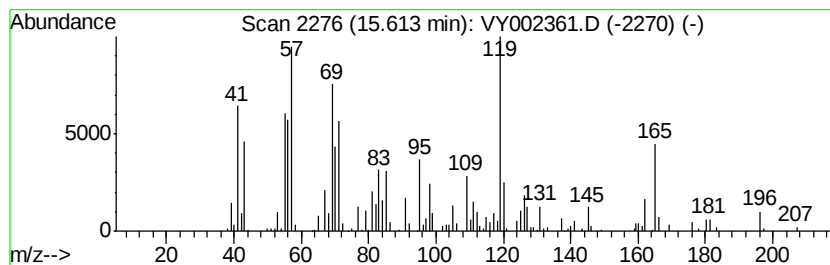
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
Quant Title : SW846 8260

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

Peak Number 6 unknown15.61 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.61	11.71 ug/l	111991	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-4-(2-methylpropyl)-	162	C12H18	100319-40-2	38
2		Benzene, 1,4-dimethyl-2-(2-methylpropyl)-	162	C12H18	055669-88-0	35
3		Benzene, (1,1-dimethylbutyl)-	162	C12H18	001985-57-5	30
4		Ether, 3-hydroxy-2-butyl 1-(p-to)	208	C13H20O2	1000149-41-9	30
5		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	25



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY041620\
Data File : VY002361.D
Acq On : 16 Apr 2020 13:03
Operator : SY/MD
Sample : L2245-20
Misc : 4.62G/5ML/MSVOA Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP-22

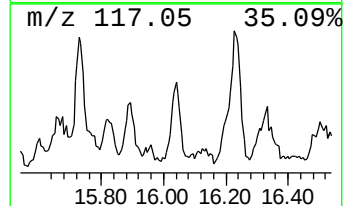
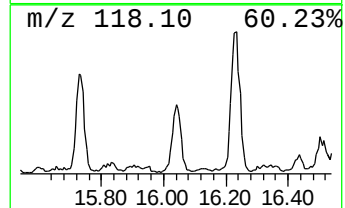
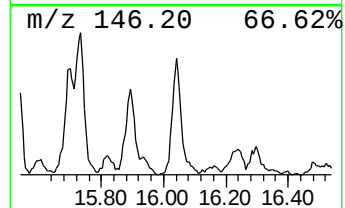
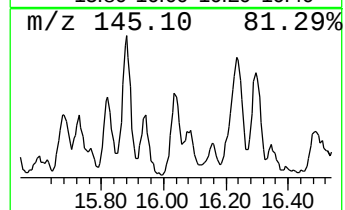
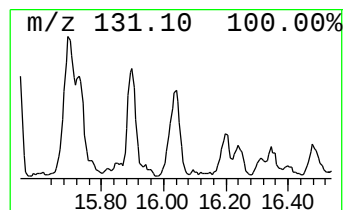
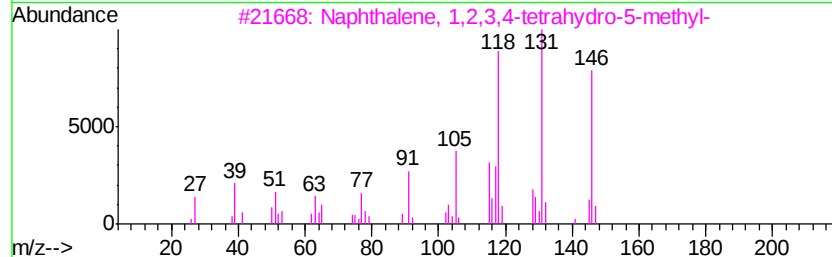
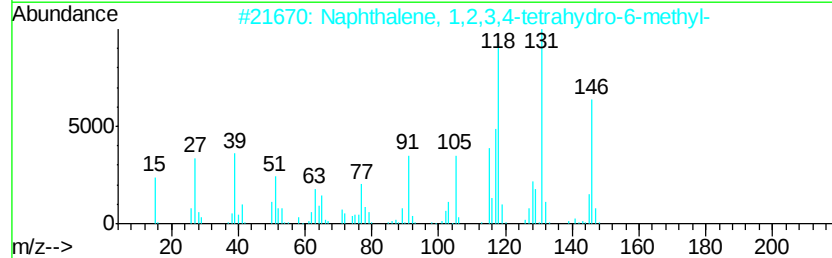
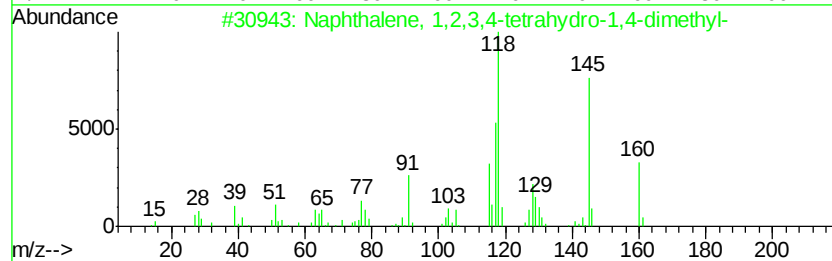
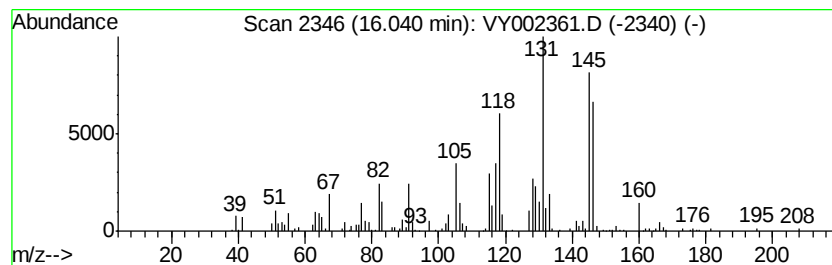
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Quant Title : SW846 8260

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

Peak Number 7 Naphthalene, 1,2,3,4-tetra... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.04	12.21 ug/l	116776	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	90
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	64
3		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	60
4		1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	49
5		2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY041620\
Data File : VY002361.D
Acq On : 16 Apr 2020 13:03
Operator : SY/MD
Sample : L2245-20
Misc : 4.62G/5ML/MSVOA Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP-22

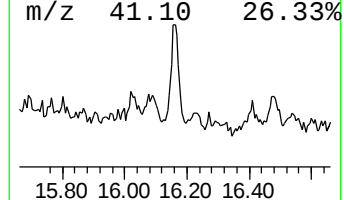
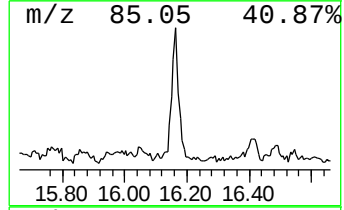
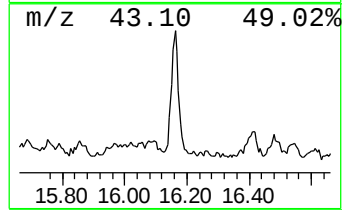
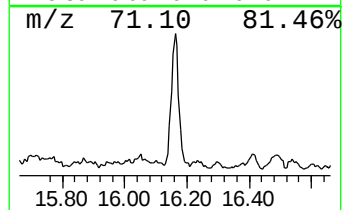
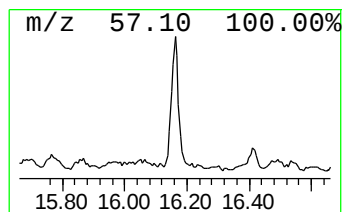
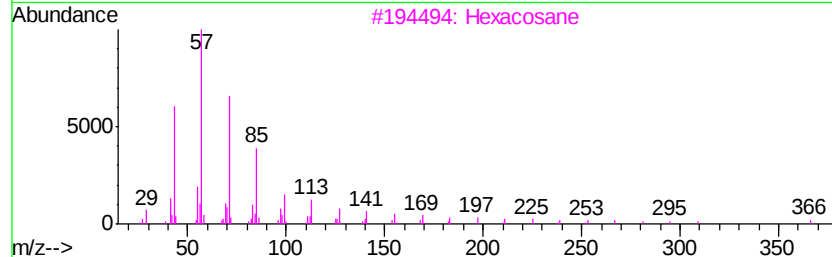
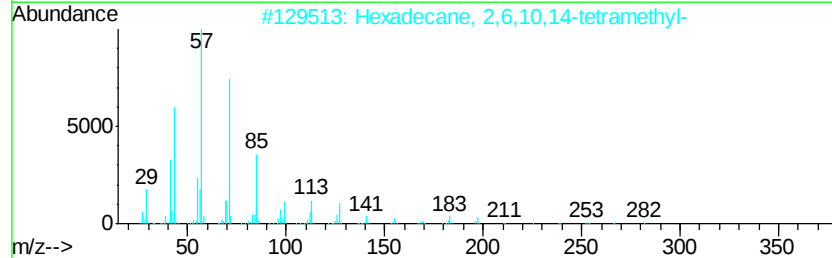
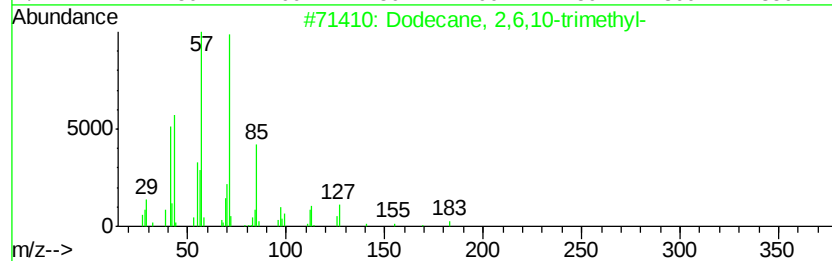
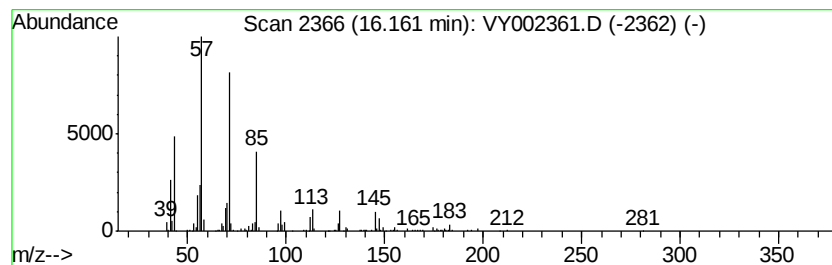
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
Quant Title : SW846 8260

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

Peak Number 8 Dodecane, 2,6,10-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.16	11.81 ug/l	112945	1,4-Dichlorobenzene-d4	13.42

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	83
2			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80
3			Hexacosane	366	C26H54	000630-01-3	72
4			5,5-Dibutylnonane	240	C17H36	006008-17-9	64
5			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY041620\
Data File : VY002361.D
Acq On : 16 Apr 2020 13:03
Operator : SY/MD
Sample : L2245-20
Misc : 4.62G/5ML/MSVOA Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

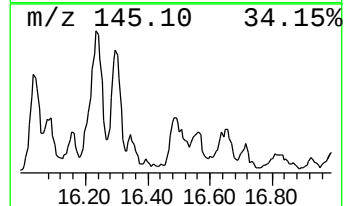
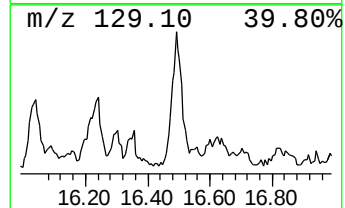
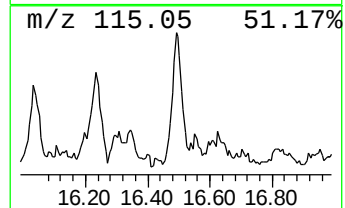
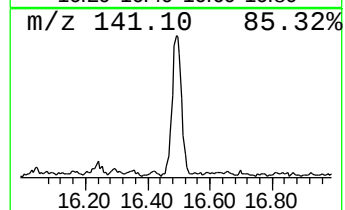
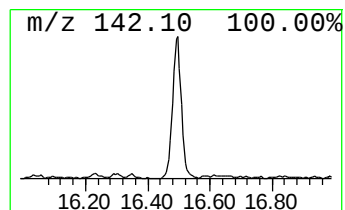
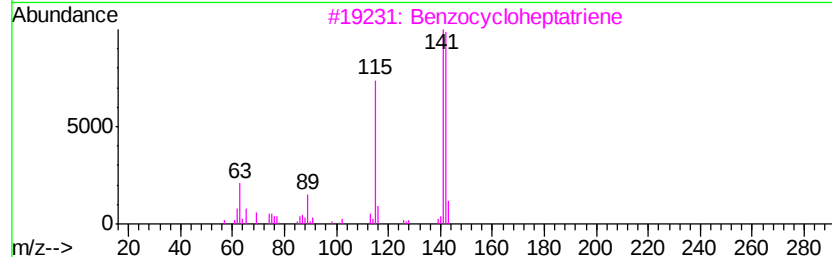
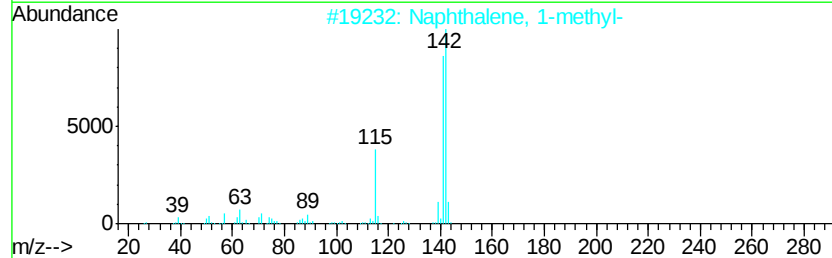
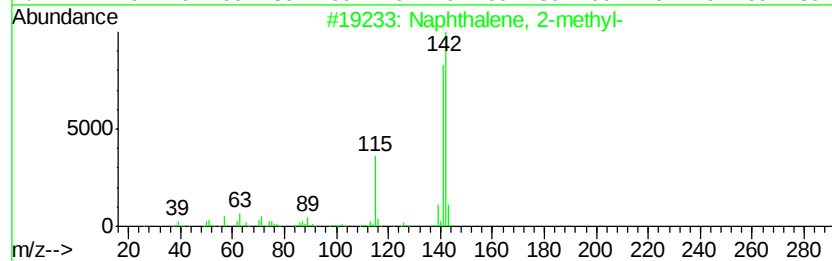
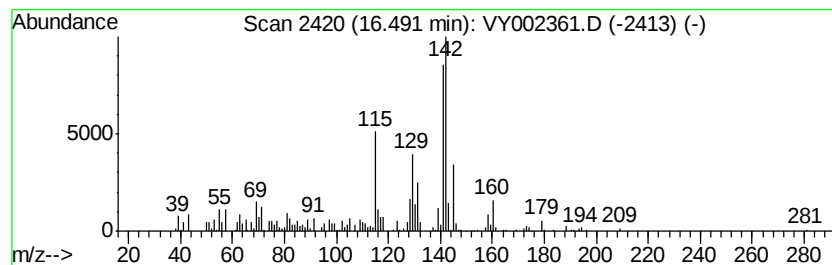
Instrument :
MSVOA_Y
ClientSampleId :
TP-22

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
Quant Title : SW846 8260

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

Peak Number 10 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.49	20.62 ug/l	197188	1,4-Dichlorobenzene-d4	13.42
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2-methyl-	142 C11H10	000091-57-6 91
2		Naphthalene, 1-methyl-	142 C11H10	000090-12-0 64
3		Benzocycloheptatriene	142 C11H10	000264-09-5 58
4		1,4-Methanonaphthalene, 1,4-dihy...	142 C11H10	004453-90-1 58
5		3,4-Difluorobenzaldehyde	142 C7H4F2O	034036-07-2 43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY041620\
Data File : VY002361.D
Acq On : 16 Apr 2020 13:03
Operator : SY/MD
Sample : L2245-20
Misc : 4.62G/5ML/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP-22

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.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, pentyl-	14.27	14.3	ug/l	136802	4	13.42	478239	50.0
unknown14.73	14.73	16.4	ug/l	156635	4	13.42	478239	50.0
Oxalic acid, bis(...	15.22	19.5	ug/l	186261	4	13.42	478239	50.0
1H-Indene, 2,3-di...	15.53	14.1	ug/l	134650	4	13.42	478239	50.0
unknown15.61	15.61	11.7	ug/l	111991	4	13.42	478239	50.0
Naphthalene, 1,2,...	16.04	12.2	ug/l	116776	4	13.42	478239	50.0
Dodecane, 2,6,10-...	16.16	11.8	ug/l	112945	4	13.42	478239	50.0
Naphthalene, 1-me...	16.49	20.6	ug/l	197188	4	13.42	478239	50.0