

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY061920\
 Data File : VY002943.D
 Acq On : 19 Jun 2020 17:24
 Operator : SY/MD
 Sample : L3051-01
 Misc : 7.75G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SLUDGE-BOX

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\82Y061920S.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	4.724	479	490	503	rBV2	26488	83300	7.29%	1.140%
2	7.724	969	982	988	rBV	170601	409896	35.89%	5.609%
3	7.797	988	994	1005	rVB	288962	650127	56.92%	8.896%
4	8.151	1043	1052	1064	rBV	154715	341392	29.89%	4.672%
5	8.693	1133	1141	1153	rBV	431643	857793	75.10%	11.738%
6	10.181	1377	1385	1393	rBV	673655	1142184	100.00%	15.629%
7	11.491	1593	1600	1609	rBV	573708	925150	81.00%	12.660%
8	12.327	1732	1737	1743	rVB	13359	21205	1.86%	0.290%
9	12.479	1753	1762	1772	rBV	400258	620939	54.36%	8.497%
10	12.808	1811	1816	1820	rVB5	7907	12669	1.11%	0.173%
11	13.314	1893	1899	1903	rBV3	7066	13891	1.22%	0.190%
12	13.363	1903	1907	1911	rVV4	9964	14774	1.29%	0.202%
13	13.424	1911	1917	1926	rVB	396380	614174	53.77%	8.404%
14	13.668	1954	1957	1964	rVB3	11738	23163	2.03%	0.317%
15	13.747	1965	1970	1975	rBV4	30585	53585	4.69%	0.733%
16	13.826	1979	1983	1990	rBV2	7495	16549	1.45%	0.226%
17	13.918	1995	1998	2001	rVB2	12666	14770	1.29%	0.202%
18	13.967	2001	2006	2011	rVB4	33149	56069	4.91%	0.767%
19	14.015	2011	2014	2019	rBV6	8208	16547	1.45%	0.226%
20	14.082	2019	2025	2029	rBV	53037	89416	7.83%	1.224%
21	14.137	2029	2034	2035	rBV3	8816	13841	1.21%	0.189%
22	14.217	2041	2047	2049	rBV6	14065	26257	2.30%	0.359%
23	14.259	2049	2054	2057	rBV5	37942	69112	6.05%	0.946%
24	14.332	2064	2066	2070	rVB	18835	19705	1.73%	0.270%
25	14.381	2070	2074	2077	rBV6	28662	41395	3.62%	0.566%
26	14.424	2077	2081	2084	rVB4	36829	48991	4.29%	0.670%
27	14.613	2109	2112	2116	rBV3	28663	38155	3.34%	0.522%
28	14.674	2116	2122	2128	rBV2	100649	219328	19.20%	3.001%
29	14.735	2128	2132	2138	rBV3	55262	101767	8.91%	1.393%
30	14.784	2138	2140	2143	rBV4	15188	19266	1.69%	0.264%
31	14.845	2146	2150	2152	rBV2	22962	36126	3.16%	0.494%
32	14.942	2163	2166	2170	rVB4	47331	60602	5.31%	0.829%
33	15.210	2208	2210	2216	rVB3	38515	48906	4.28%	0.669%
34	15.344	2229	2232	2235	rBV3	39354	71760	6.28%	0.982%

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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 >
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35	15.442	2245	2248	2255	rBV9	40573	91499	8.01%	1.252%
36	16.161	2363	2366	2371	rVB6	103401	162616	14.24%	2.225%
37	16.478	2415	2418	2426	rVB9	130620	260955	22.85%	3.571%

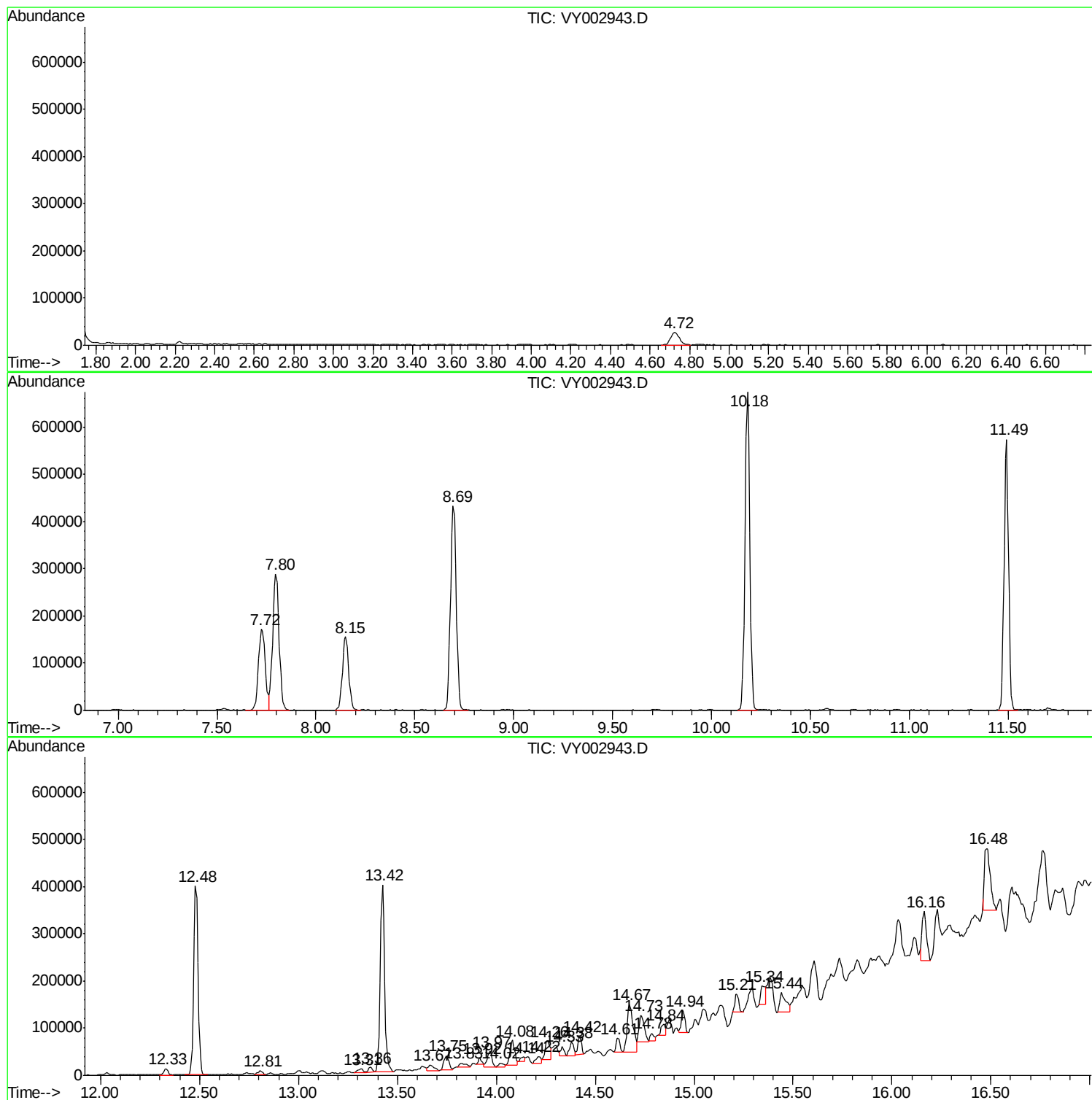
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Quant Title : SW846 8260

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



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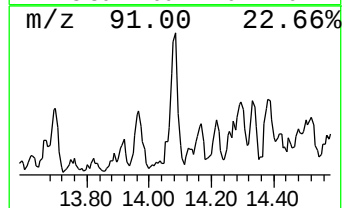
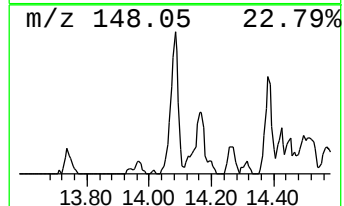
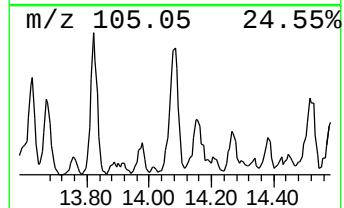
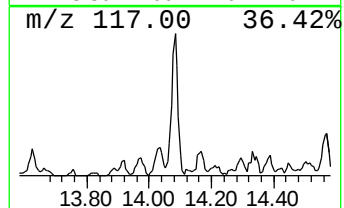
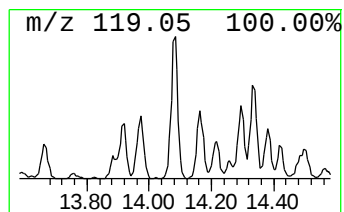
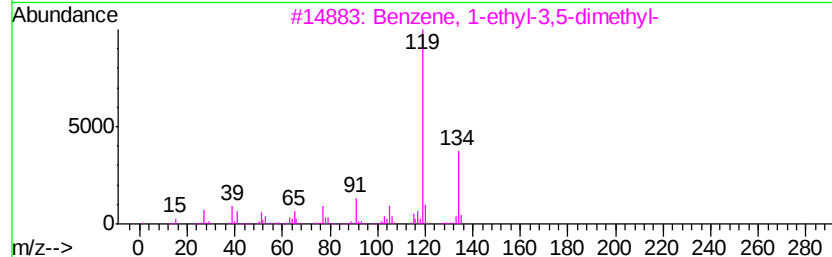
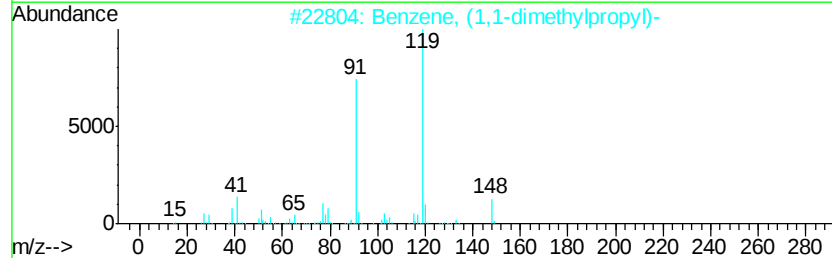
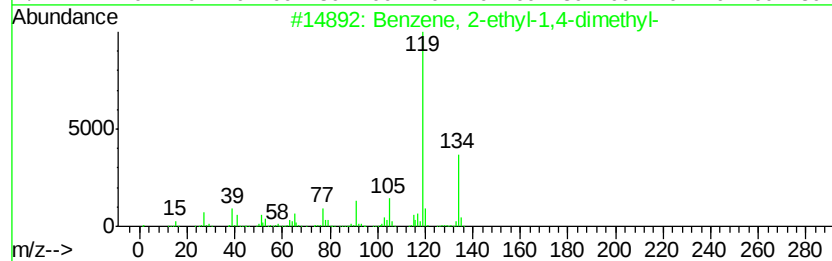
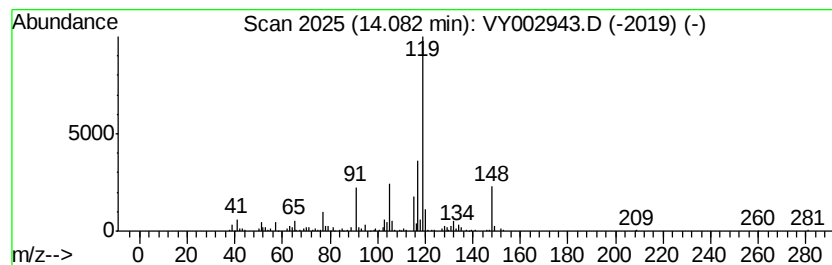
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y061920S.M
Quant Title : SW846 8260

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

Peak Number 2 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.08	7.28 ug/l	89416	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	62
2		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	53
3		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	52
4		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	50
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	50



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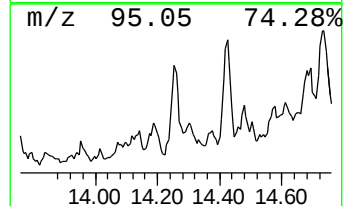
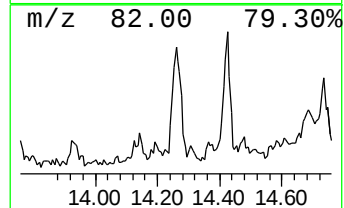
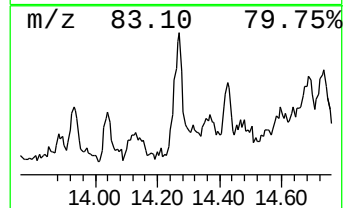
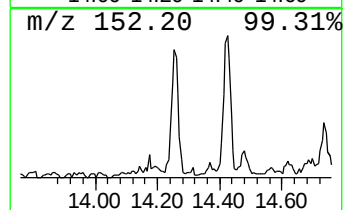
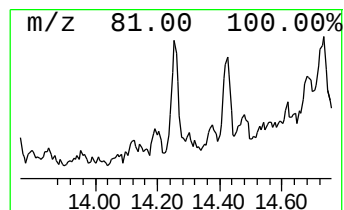
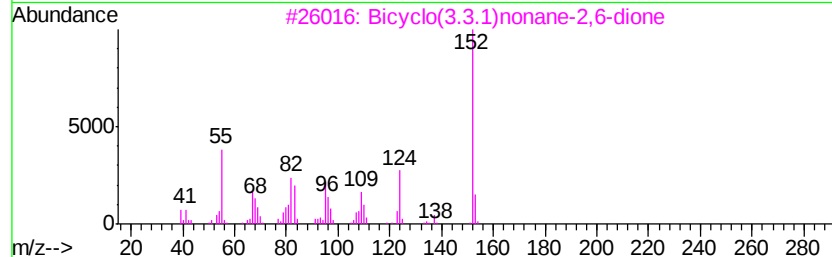
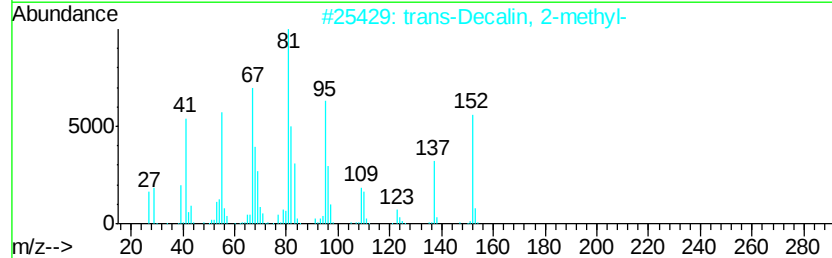
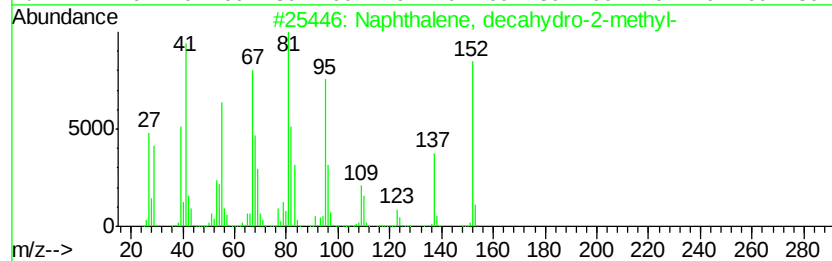
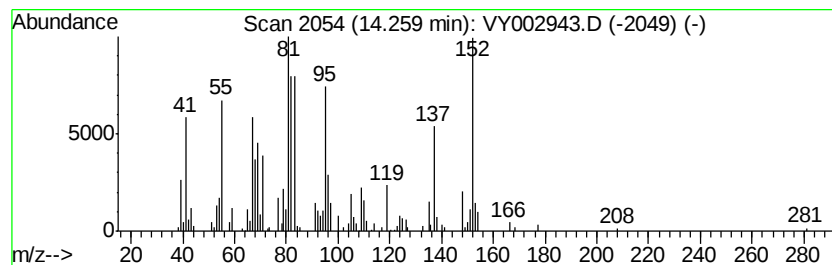
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Naphthalene, decahydro-2-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.26	5.63 ug/l	69112	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	92
2		trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	70
3		Bicyclo(3.3.1)nonane-2,6-dione	152	C9H12O2	016473-11-3	60
4		Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	000473-55-2	50
5		1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	46



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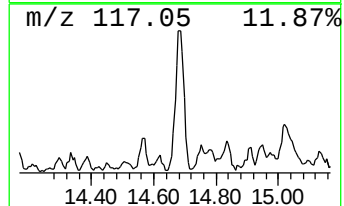
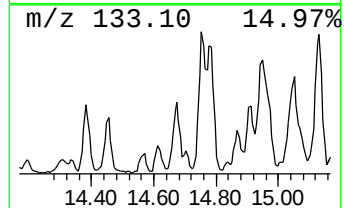
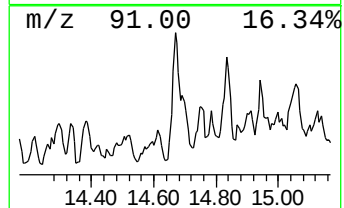
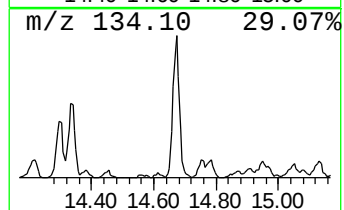
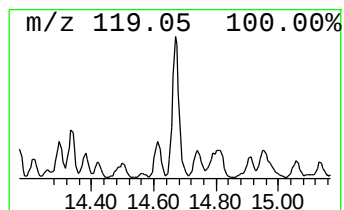
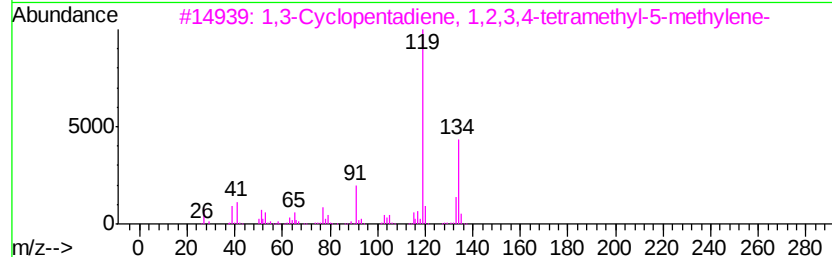
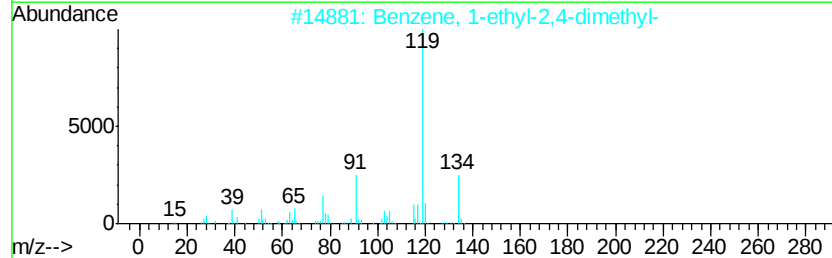
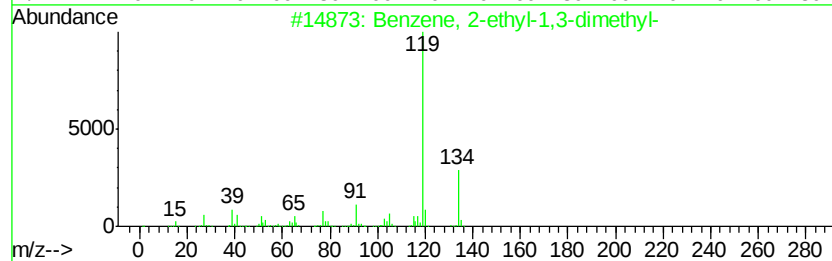
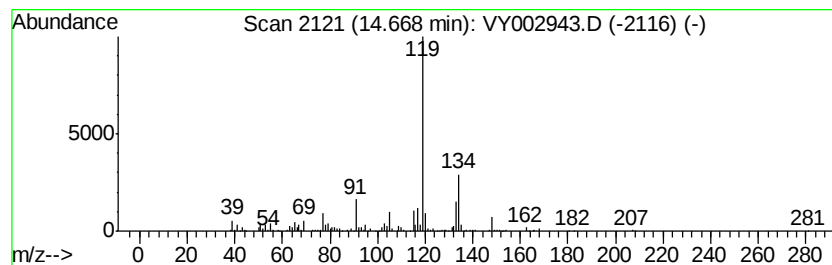
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	17.86 ug/l	219328	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93
2		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93
3		1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	90
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87
5		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	87



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ALS Vial : 13 Sample Multiplier: 1

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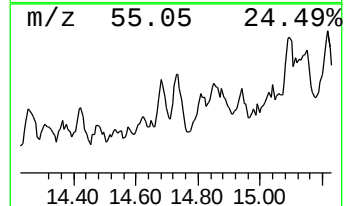
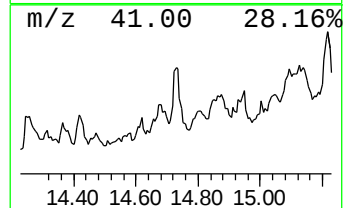
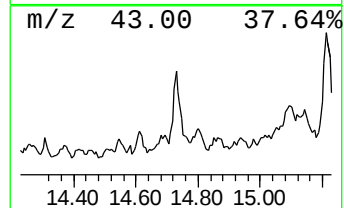
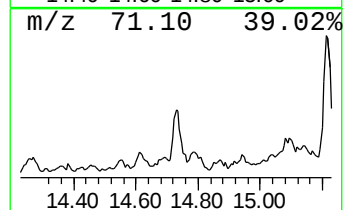
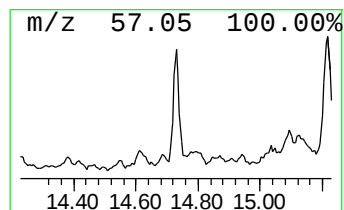
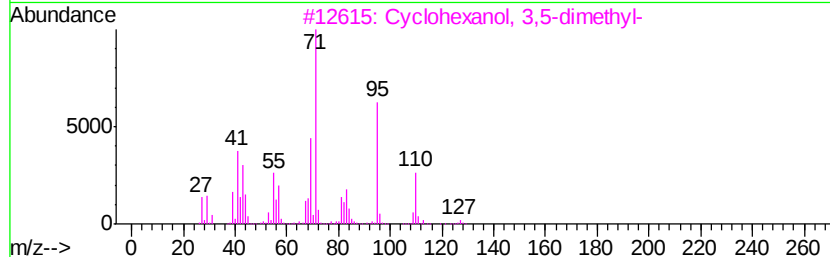
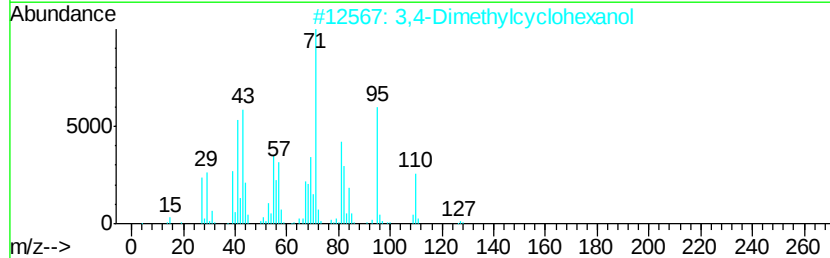
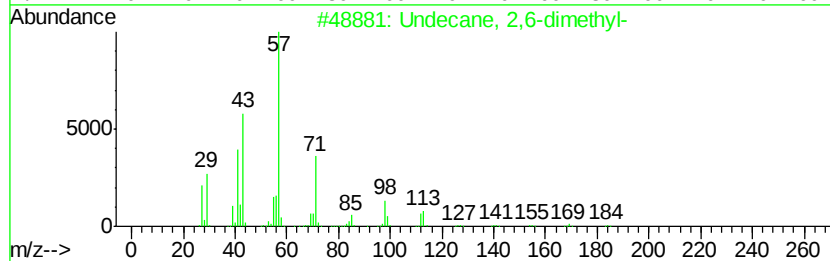
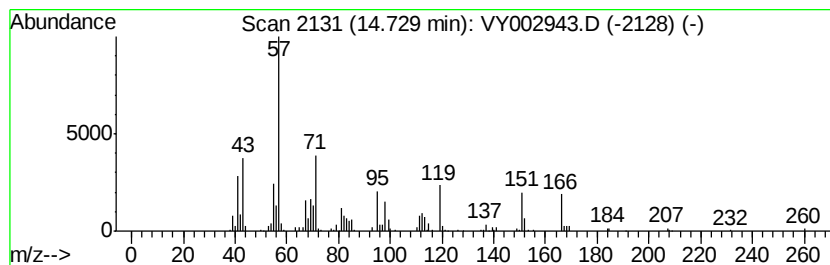
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown14.73 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	8.28 ug/l	101767	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	30
2		3,4-Dimethylcyclohexanol	128	C8H16O	005715-23-1	25
3		Cyclohexanol, 3,5-dimethyl-	128	C8H16O	005441-52-1	22
4		Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	14
5		Tridecane, 6-methyl-	198	C14H30	013287-21-3	14



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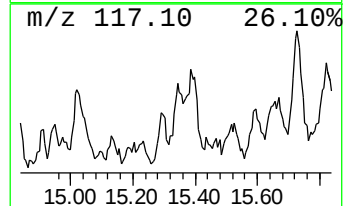
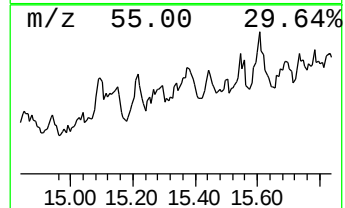
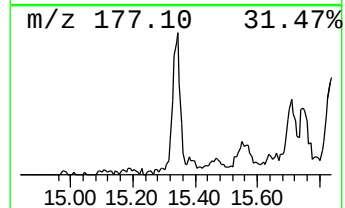
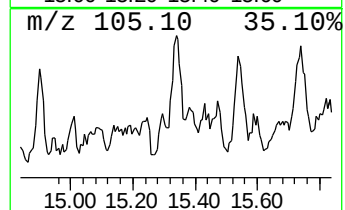
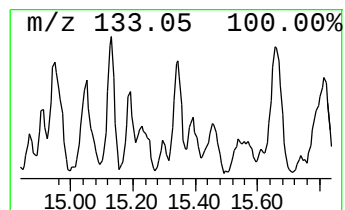
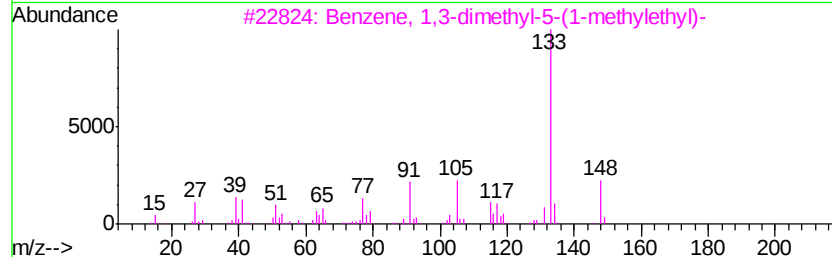
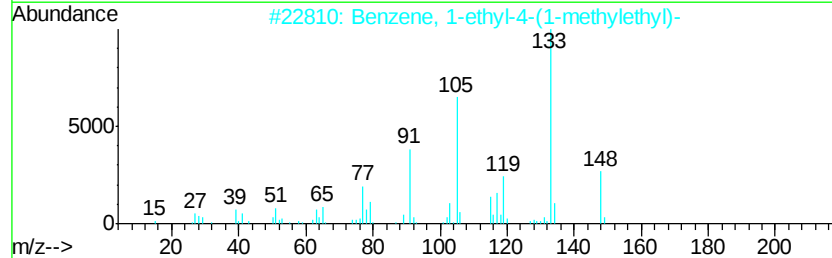
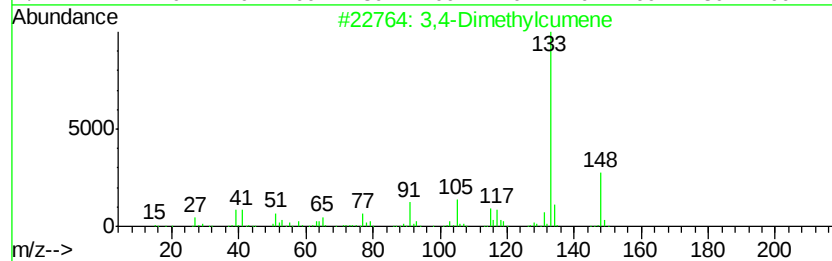
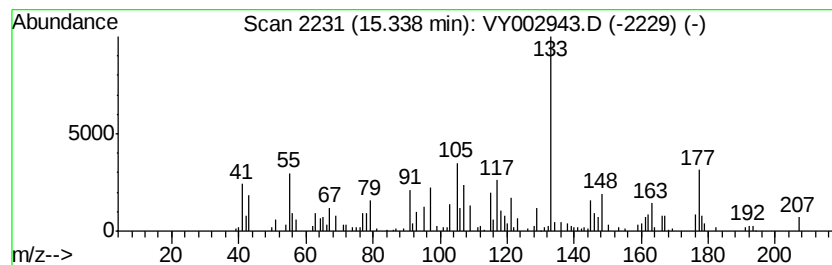
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Quant Title : SW846 8260

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

Peak Number 6 unknown15.34 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	5.84 ug/l	71760	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,4-Dimethylcumene	148	C11H16	1000370-34-1	41
2		Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	38
3		Benzene, 1,3-dimethyl-5-(1-methv...	148	C11H16	004706-90-5	38
4		Ethanone, 1-(4-ethylphenyl)-	148	C10H12O	000937-30-4	30
5		1-Propanone, 3-cyclopentyl-1-(2,...	230	C16H22O	055191-11-2	27



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY061920\
Data File : VY002943.D
Acq On : 19 Jun 2020 17:24
Operator : SY/MD
Sample : L3051-01
Misc : 7.75G/5ML/MSVOA Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SLUDGE-BOX

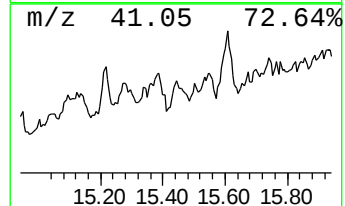
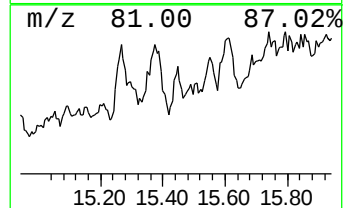
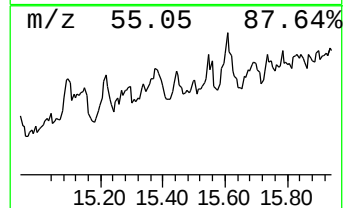
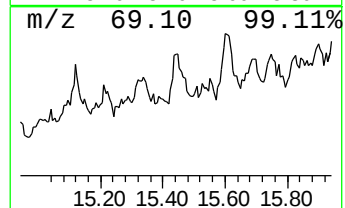
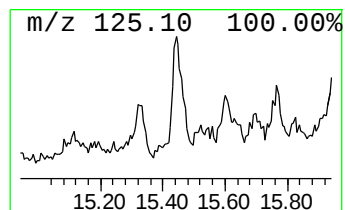
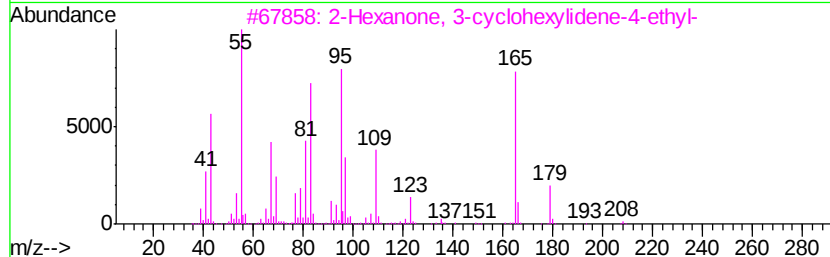
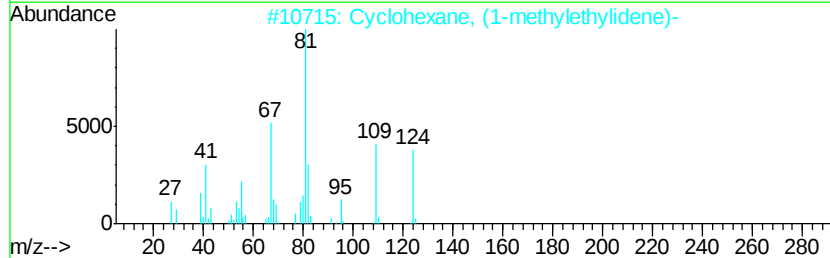
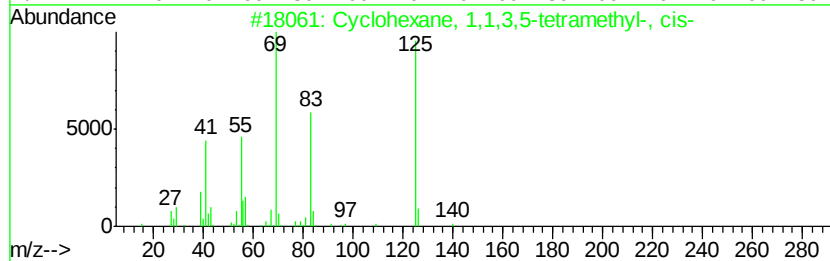
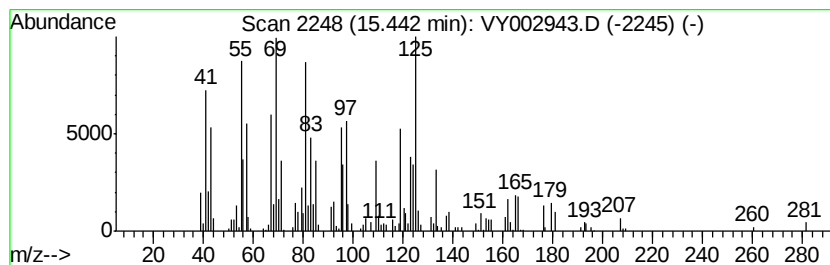
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Quant Title : SW846 8260

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

Peak Number 7 unknown15.44 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	7.45 ug/l	91499	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	22
2		Cyclohexane, (1-methylethylidene)-	124	C9H16	005749-72-4	18
3		2-Hexanone, 3-cyclohexylidene-4-...	208	C14H24O	1000150-19-2	15
4		4-Fluoromandelic acid	170	C8H7FO3	000395-33-5	14
5		Propenoic acid, 3-(trans-3-pheny...	218	C13H14O3	178150-32-8	14



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY061920\
Data File : VY002943.D
Acq On : 19 Jun 2020 17:24
Operator : SY/MD
Sample : L3051-01
Misc : 7.75G/5ML/MSVOA Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SLUDGE-BOX

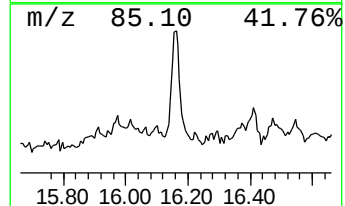
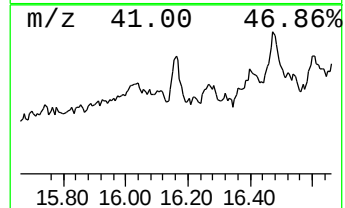
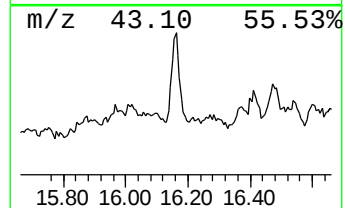
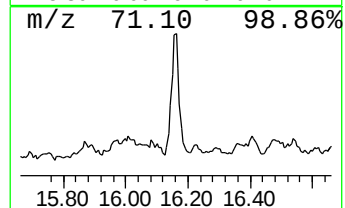
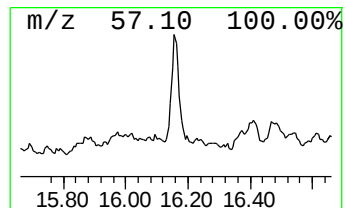
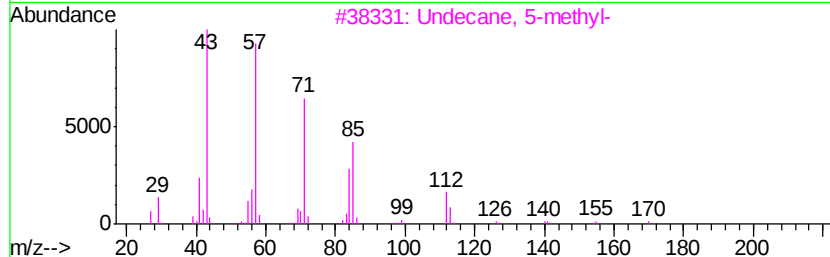
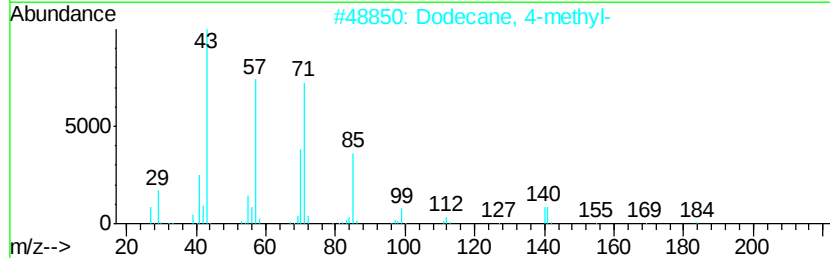
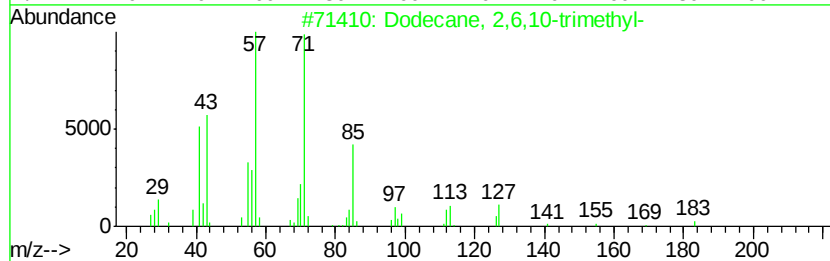
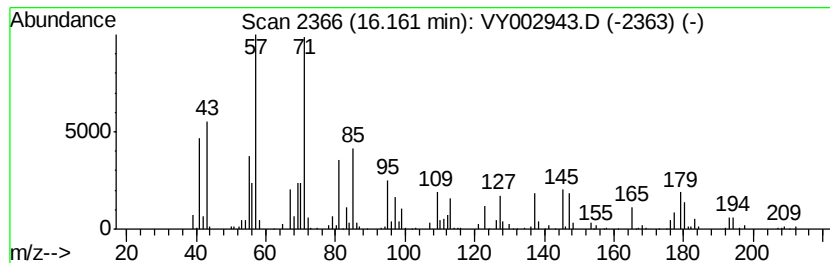
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Quant Title : SW846 8260

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

Peak Number 8 unknown16.16 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.16	13.24 ug/l	162616	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	45
2		Dodecane, 4-methyl-	184	C13H28	006117-97-1	43
3		Undecane, 5-methyl-	170	C12H26	001632-70-8	38
4		Undecane, 6-ethyl-	184	C13H28	017312-60-6	38
5		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY061920\
Data File : VY002943.D
Acq On : 19 Jun 2020 17:24
Operator : SY/MD
Sample : L3051-01
Misc : 7.75G/5ML/MSVOA Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SLUDGE-BOX

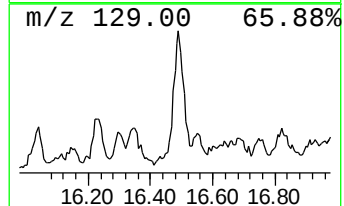
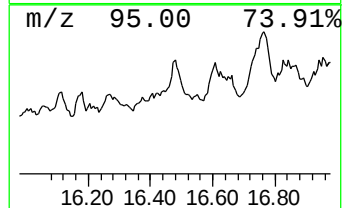
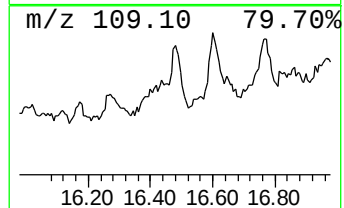
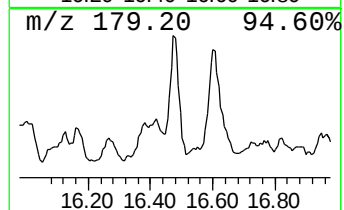
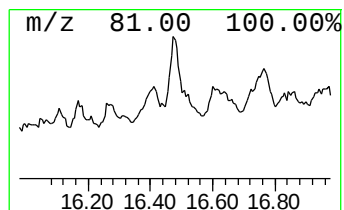
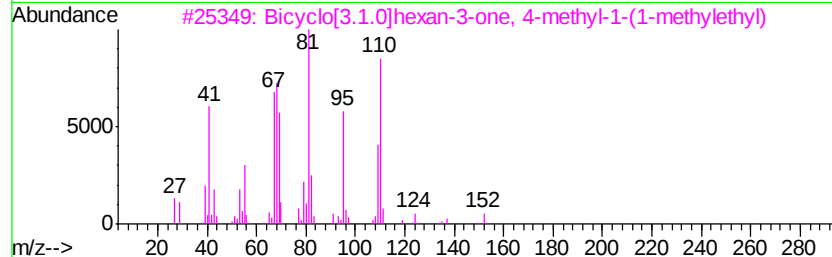
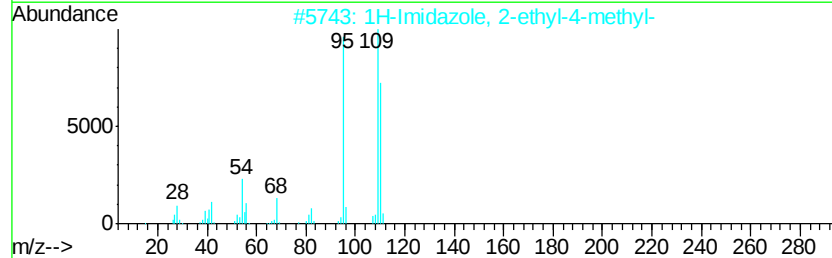
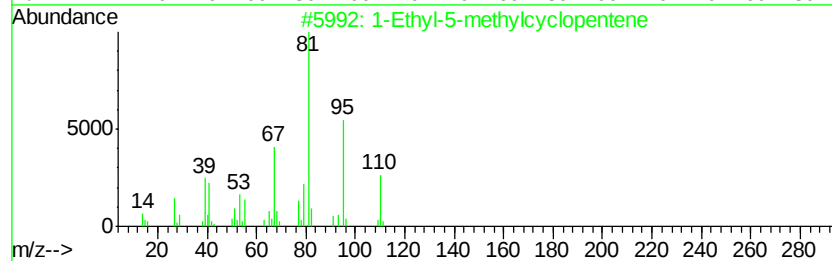
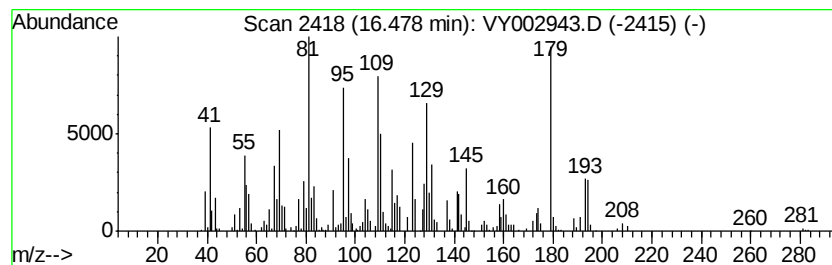
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y061920S.M
Quant Title : SW846 8260

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

Peak Number 9 unknown16.48 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.48	21.24 ug/l	260955	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Ethyl-5-methylcyclopentene	110	C8H14	097797-57-4	38
2		1H-Imidazole, 2-ethyl-4-methyl-	110	C6H10N2	000931-36-2	30
3		Bicyclo[3.1.0]hexan-3-one, 4-met...	152	C10H16O	001125-12-8	27
4		Furan, 2-ethyl-5-methyl-	110	C7H10O	001703-52-2	11
5		Cyclopentene, 1-isopropyl-4,5-di...	138	C10H18	007712-74-5	11



Data Path : Z:\V0ASRV\HPCHEM1\MSV0A_Y\DATA\VY061920\
Data File : VY002943.D
Acq On : 19 Jun 2020 17:24
Operator : SY/MD
Sample : L3051-01
Misc : 7.75G/5ML/MSV0A_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSV0A_Y
ClientSampleId :
SLUDGE-BOX

Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_Y\METHODS\82Y061920S.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
Benzene, 2-ethyl-...	14.08	7.3	ug/l	89416	4	13.42	614174	50.0
Naphthalene, deca...	14.26	5.6	ug/l	69112	4	13.42	614174	50.0
Benzene, 2-ethyl-...	14.67	17.9	ug/l	219328	4	13.42	614174	50.0
unknown14.73	14.73	8.3	ug/l	101767	4	13.42	614174	50.0
unknown15.34	15.34	5.8	ug/l	71760	4	13.42	614174	50.0
unknown15.44	15.44	7.5	ug/l	91499	4	13.42	614174	50.0
unknown16.16	16.16	13.2	ug/l	162616	4	13.42	614174	50.0
unknown16.48	16.48	21.2	ug/l	260955	4	13.42	614174	50.0