

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041720\
 Data File : VY002414.D
 Acq On : 17 Apr 2020 20:47
 Operator : SY/MD
 Sample : L2283-06
 Misc : 4.79G/5ML/MSVOA Y/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WB-1-1

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	2.396	103	108	114	rVB	5456	8679	1.17%	0.124%
2	3.969	356	366	378	rBV	13247	36662	4.94%	0.523%
3	4.737	483	492	503	rVB4	5730	16126	2.17%	0.230%
4	4.968	522	530	540	rBV2	3718	12592	1.70%	0.180%
5	7.005	854	864	876	rBV3	21101	62930	8.48%	0.898%
6	7.742	974	985	990	rBV	96175	227210	30.62%	3.244%
7	7.809	990	996	1007	rVB	156156	354344	47.76%	5.059%
8	8.163	1045	1054	1066	rVB	86198	193174	26.04%	2.758%
9	8.712	1136	1144	1153	rVB	264944	523829	70.60%	7.478%
10	10.193	1380	1387	1396	rBV	435161	741931	100.00%	10.592%
11	10.309	1396	1406	1410	rVB7	4139	11011	1.48%	0.157%
12	10.595	1445	1453	1460	rBV	28940	50628	6.82%	0.723%
13	10.705	1466	1471	1478	rBV2	5577	10910	1.47%	0.156%
14	10.961	1507	1513	1522	rVB	25470	43618	5.88%	0.623%
15	11.333	1569	1574	1579	rVB3	7453	12092	1.63%	0.173%
16	11.504	1591	1602	1611	rBV	406165	660414	89.01%	9.428%
17	11.937	1665	1673	1681	rBV2	24127	42129	5.68%	0.601%
18	12.248	1720	1724	1729	rVB6	3913	7824	1.05%	0.112%
19	12.345	1733	1740	1744	rBV3	21223	32928	4.44%	0.470%
20	12.498	1756	1765	1775	rVB2	316855	524386	70.68%	7.486%
21	12.662	1786	1792	1799	rVB6	6215	17186	2.32%	0.245%
22	12.747	1799	1806	1808	rBV5	8288	15591	2.10%	0.223%
23	12.821	1808	1818	1830	rVB6	32855	92647	12.49%	1.323%
24	12.997	1838	1847	1852	rBV6	7710	25548	3.44%	0.365%
25	13.052	1852	1856	1864	rVB3	14606	25297	3.41%	0.361%
26	13.132	1864	1869	1874	rBV	26994	42228	5.69%	0.603%
27	13.193	1874	1879	1883	rBV3	10449	20681	2.79%	0.295%
28	13.266	1887	1891	1893	rVV4	6819	9520	1.28%	0.136%
29	13.333	1894	1902	1905	rVV6	20339	44731	6.03%	0.639%
30	13.382	1905	1910	1913	rVV2	59145	91268	12.30%	1.303%
31	13.436	1913	1919	1928	rVV	419965	653557	88.09%	9.330%
32	13.510	1928	1931	1934	rVB3	8163	9148	1.23%	0.131%
33	13.583	1939	1943	1944	rBV4	8713	10959	1.48%	0.156%
34	13.638	1948	1952	1956	rVB2	21800	26474	3.57%	0.378%

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Integration Parameters: RTEINT.P

Integrator: RTE
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 Sampling : 1
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35	13.686	1956	1960	1962	rBV3	6752	8980	1.21%	0.128%
36	13.759	1967	1972	1977	rBV2	83079	135583	18.27%	1.936%
37	13.802	1977	1979	1982	rVV3	14534	22567	3.04%	0.322%
38	13.833	1982	1984	1987	rVV	15158	22270	3.00%	0.318%
39	13.900	1991	1995	1996	rVV	22222	32115	4.33%	0.458%
40	13.930	1997	2000	2004	rVV4	28672	44285	5.97%	0.632%
41	13.985	2004	2009	2013	rVB3	53189	81090	10.93%	1.158%
42	14.028	2013	2016	2020	rVB2	14653	20212	2.72%	0.289%
43	14.089	2021	2026	2031	rBV2	48960	81585	11.00%	1.165%
44	14.150	2031	2036	2042	rBV6	16230	42585	5.74%	0.608%
45	14.217	2043	2047	2051	rBV5	10143	24268	3.27%	0.346%
46	14.272	2051	2056	2059	rVV4	40696	79903	10.77%	1.141%
47	14.308	2060	2062	2065	rVV	35868	49992	6.74%	0.714%
48	14.345	2065	2068	2072	rVB	56951	80279	10.82%	1.146%
49	14.394	2072	2076	2079	rBV3	34717	47852	6.45%	0.683%
50	14.436	2079	2083	2086	rVV3	26682	32576	4.39%	0.465%
51	14.534	2095	2099	2103	rVB4	20045	31931	4.30%	0.456%
52	14.583	2103	2107	2110	rBV4	16434	33310	4.49%	0.476%
53	14.625	2110	2114	2118	rVB	59424	86334	11.64%	1.233%
54	14.686	2118	2124	2130	rBV3	50874	123047	16.58%	1.757%
55	14.747	2130	2134	2140	rVB3	40272	70048	9.44%	1.000%
56	14.851	2148	2151	2154	rBV4	8078	11362	1.53%	0.162%
57	14.960	2164	2169	2177	rVV3	57186	109315	14.73%	1.561%
58	15.064	2181	2186	2193	rVB4	42486	86353	11.64%	1.233%
59	15.247	2207	2216	2222	rBV	133291	268000	36.12%	3.826%
60	15.308	2222	2226	2229	rBV4	13609	22196	2.99%	0.317%
61	15.357	2229	2234	2239	rBV6	21038	43263	5.83%	0.618%
62	15.448	2245	2249	2257	rVB7	30610	60456	8.15%	0.863%
63	15.540	2258	2264	2271	rVV3	25178	63012	8.49%	0.900%
64	15.619	2273	2277	2281	rVV4	17125	31110	4.19%	0.444%
65	15.686	2282	2288	2293	rVV5	17455	46682	6.29%	0.666%
66	15.735	2294	2296	2301	rVB5	16336	25012	3.37%	0.357%
67	15.832	2307	2312	2318	rVB5	19052	34087	4.59%	0.487%
68	15.899	2318	2323	2339	rVB5	26477	92338	12.45%	1.318%
69	16.046	2341	2347	2352	rBV6	19597	43426	5.85%	0.620%
70	16.101	2353	2356	2359	rBV3	4386	7756	1.05%	0.111%
71	16.174	2365	2368	2372	rBV5	8174	11830	1.59%	0.169%

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Integration Parameters: RTEINT.P
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Stop Thrs : 0 Peak Location: TOP

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72	16.247	2372	2380	2386	rBV4	22530	49156	6.63%	0.702%
73	16.308	2386	2390	2395	rBV2	25142	47895	6.46%	0.684%
74	16.509	2416	2423	2432	rBV	60145	142226	19.17%	2.030%

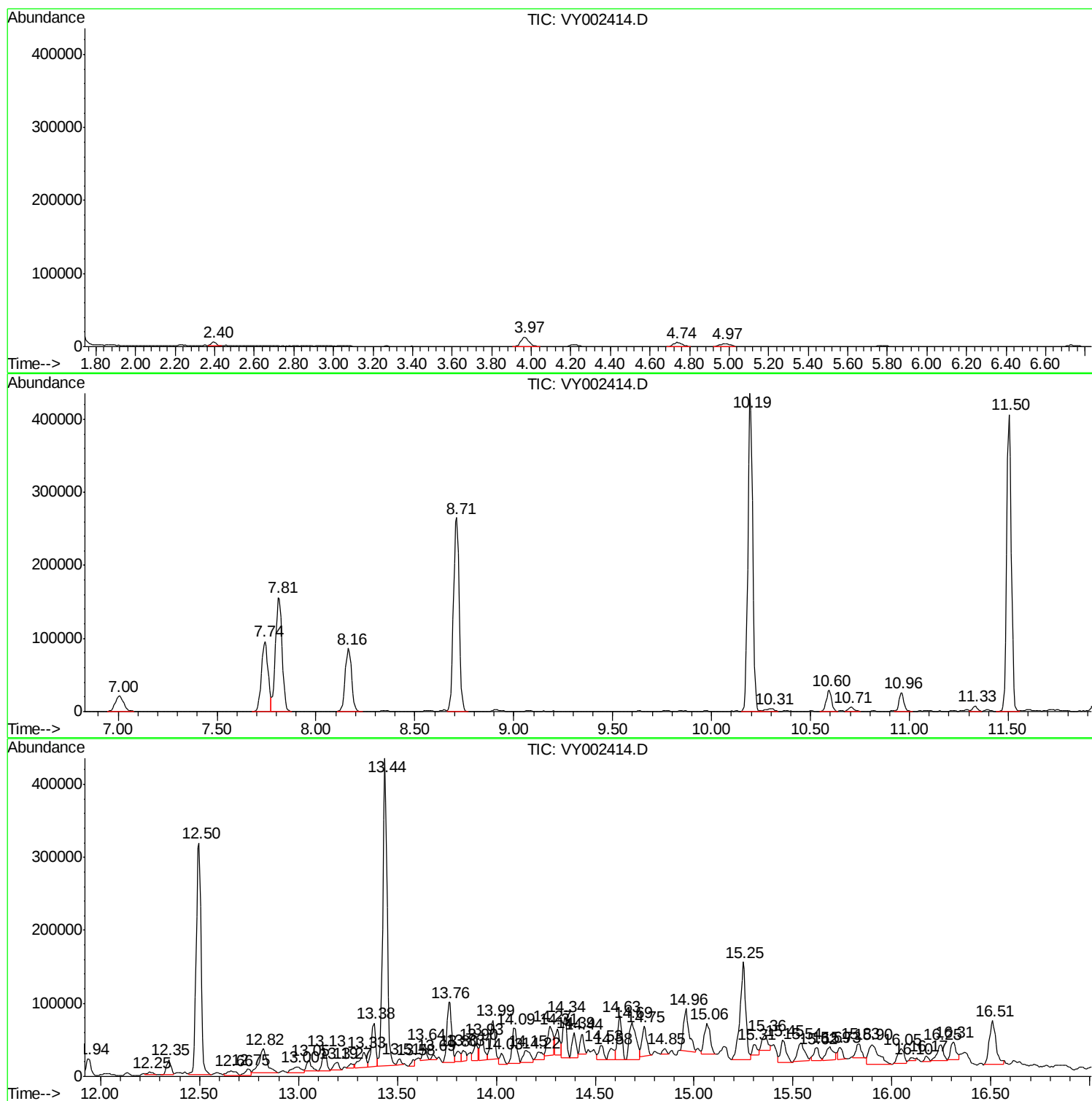
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
Quant Title : SW846 8260

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



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Instrument :
MSVOA_Y
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WB-1-1

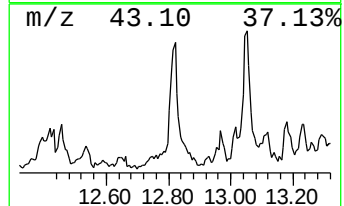
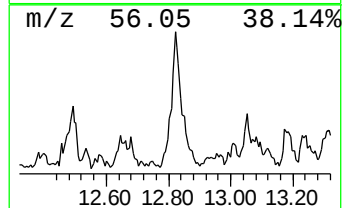
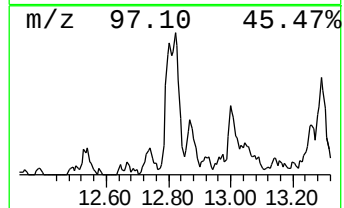
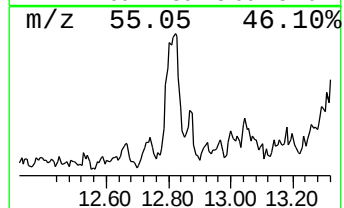
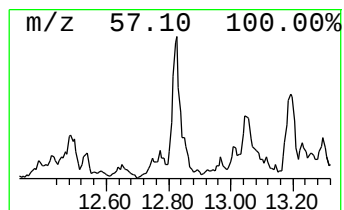
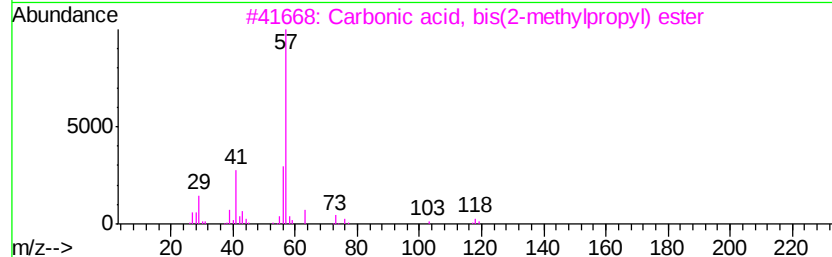
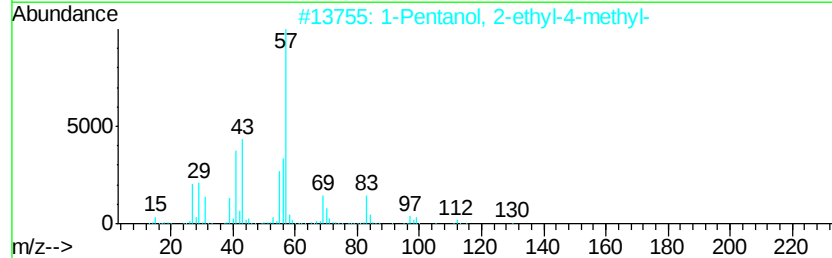
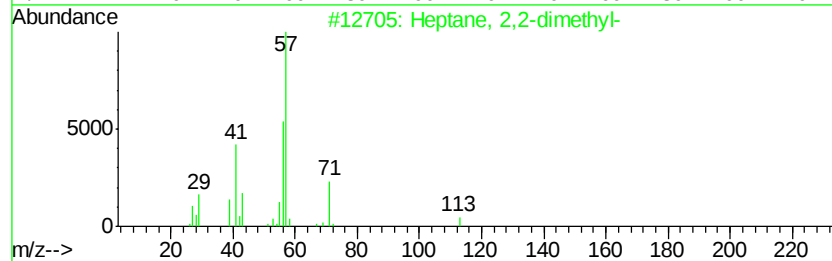
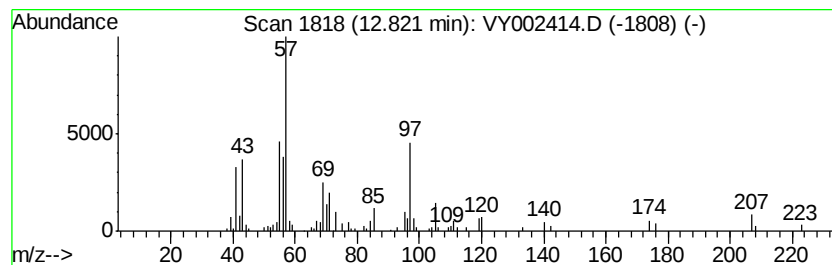
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
Quant Title : SW846 8260

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

Peak Number 1 Heptane, 2,2-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.82	7.09 ug/l	92647	1,4-Dichlorobenzene-d4	13.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	38
2		1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	27
3		Carbonic acid, bis(2-methylpropyl) ester	174	C9H18O3	000539-92-4	27
4		Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	27
5		1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	27



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Misc : 4.79G/5ML/MSVOA Y/SOIL
ALS Vial : 30 Sample Multiplier: 1

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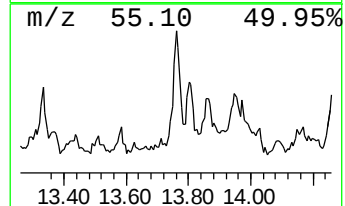
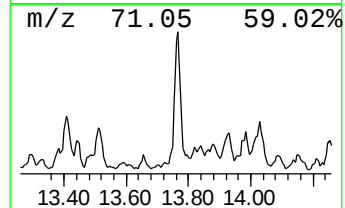
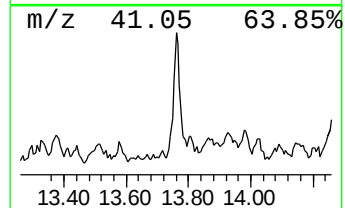
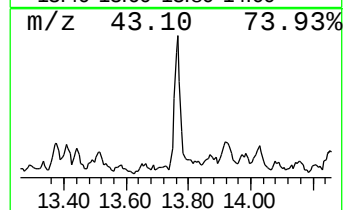
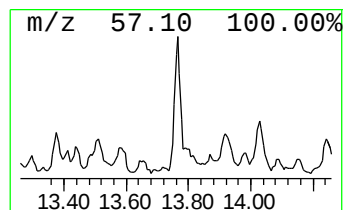
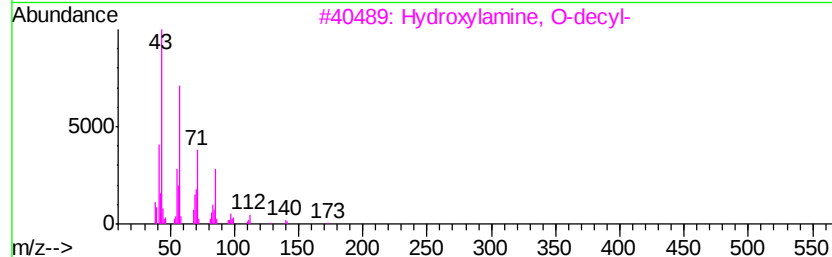
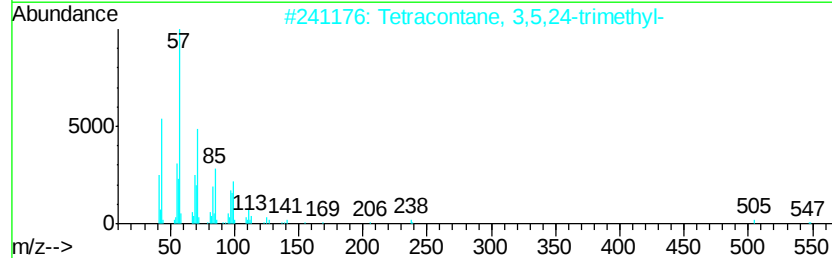
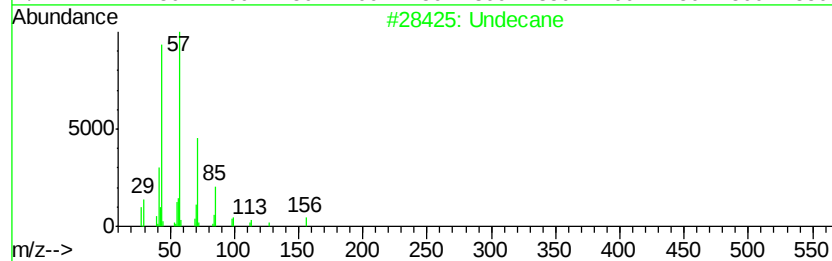
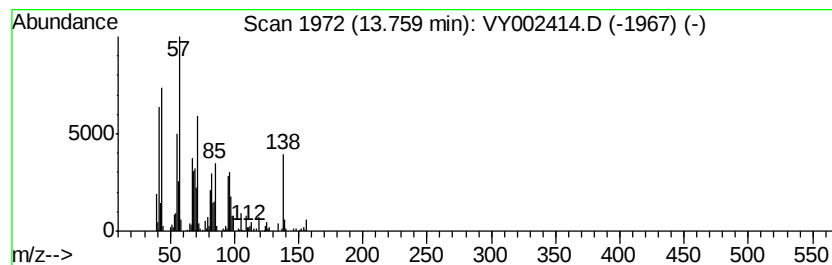
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
Quant Title : SW846 8260

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

Peak Number 2 unknown13.76 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	10.37 ug/l	135583	1,4-Dichlorobenzene-d4	13.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane	156	C11H24	001120-21-4	42
2		Tetracontane, 3,5,24-trimethyl-	605	C43H88	055162-61-3	38
3		Hvdroxylamine, O-decyl-	173	C10H23NO	029812-79-1	38
4		Decane	142	C10H22	000124-18-5	30
5		Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	27



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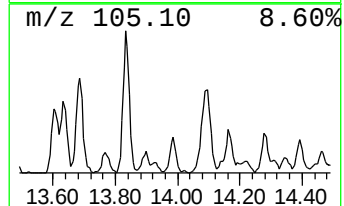
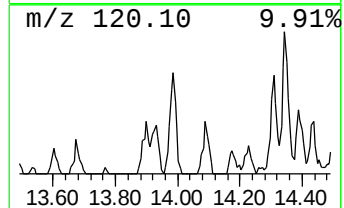
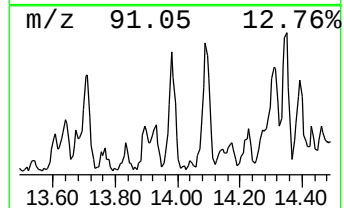
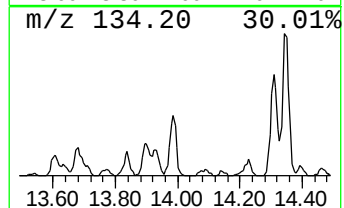
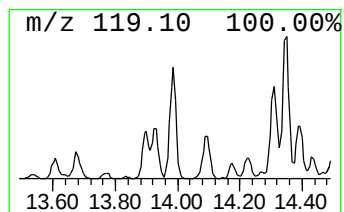
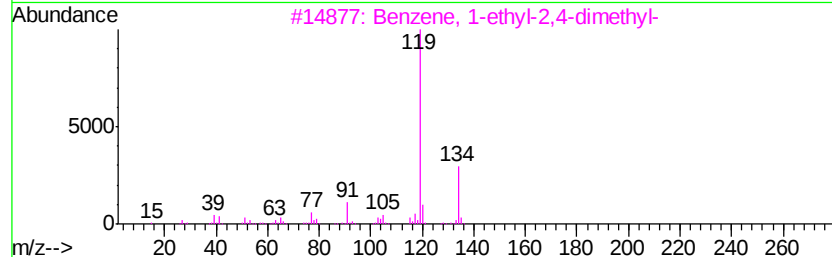
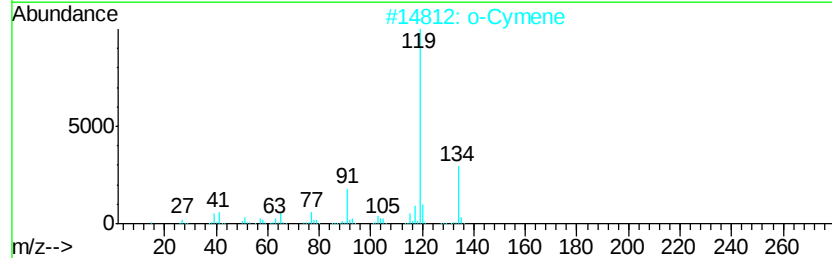
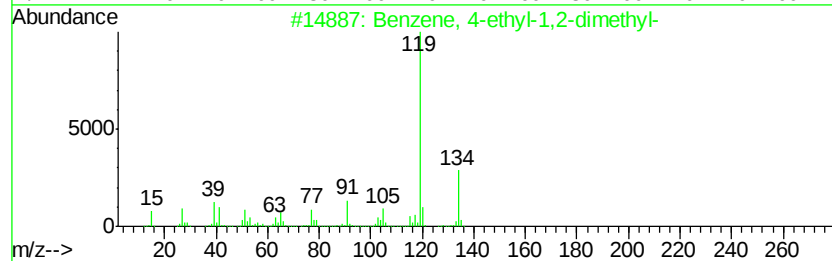
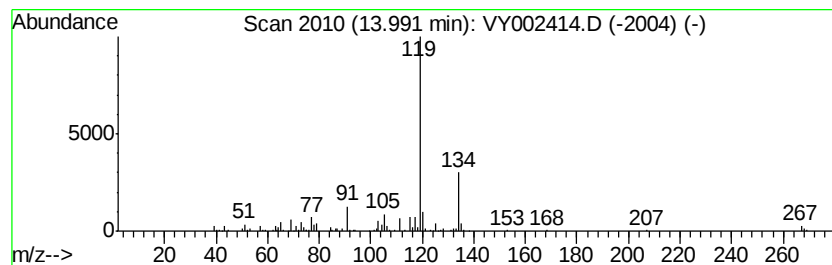
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.99	6.20 ug/l	81090	1,4-Dichlorobenzene-d4	13.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
2		o-Cymene	134	C10H14	000527-84-4	93
3		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93
4		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93
5		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	90



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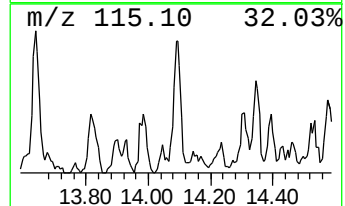
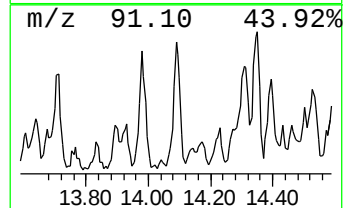
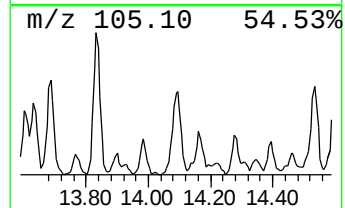
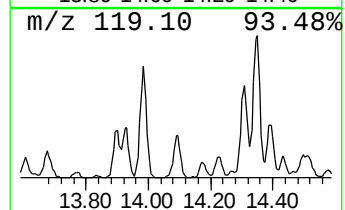
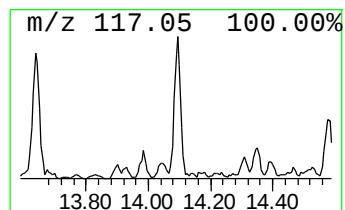
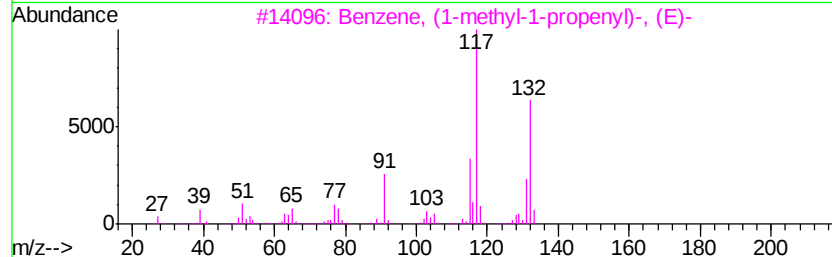
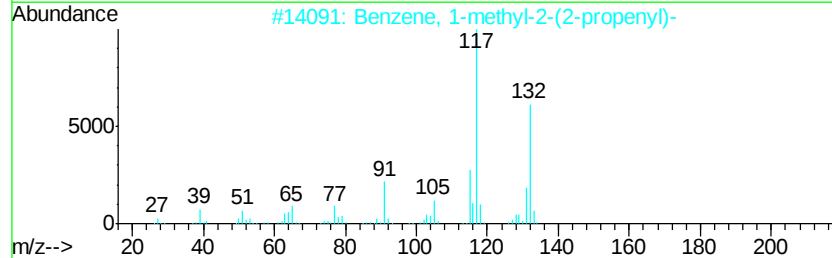
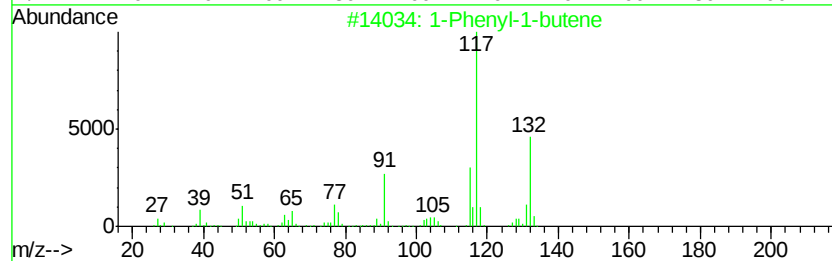
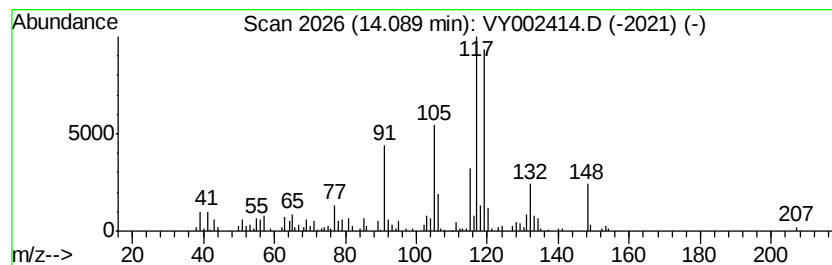
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Quant Title : SW846 8260

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

Peak Number 4 1-Phenyl-1-butene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.09	6.24 ug/l	81585	1,4-Dichlorobenzene-d4	13.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Phenyl-1-butene	132	C10H12	000824-90-8	50
2		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	50
3		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	50
4		1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	46
5		Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	45



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY041720\
Data File : VY002414.D
Acq On : 17 Apr 2020 20:47
Operator : SY/MD
Sample : L2283-06
Misc : 4.79G/5ML/MSVOA Y/SOIL
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WB-1-1

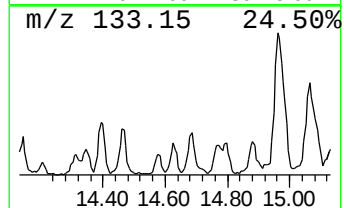
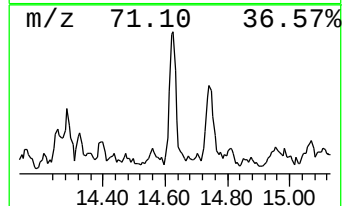
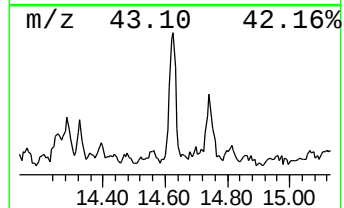
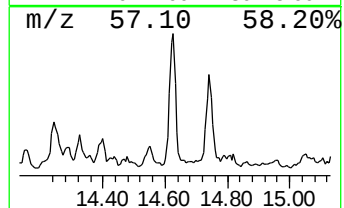
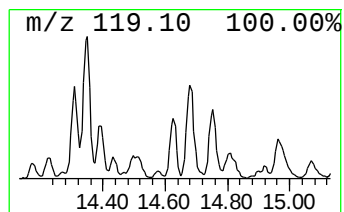
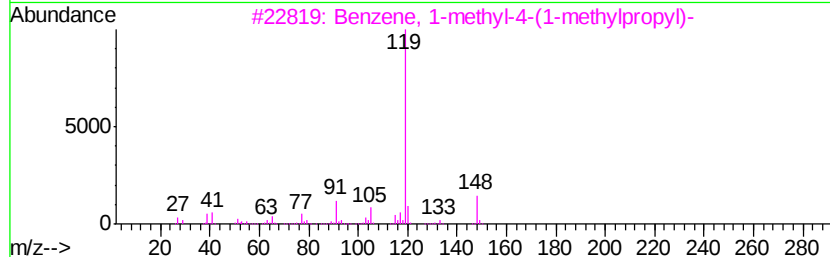
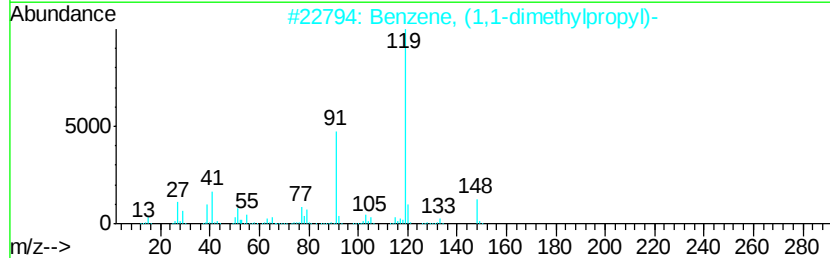
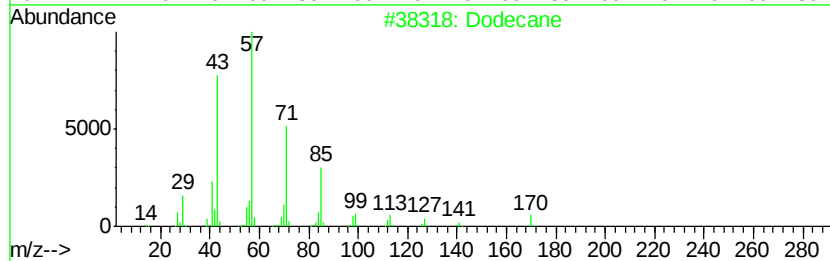
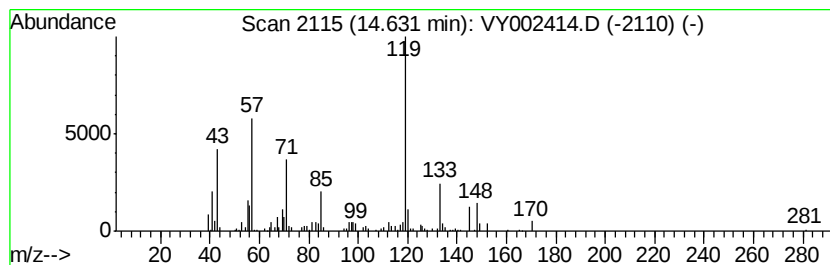
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Quant Title : SW846 8260

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

Peak Number 5 Dodecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.63	6.60 ug/l	86334	1,4-Dichlorobenzene-d4	13.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane	170	C12H26	000112-40-3	83
2		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	38
3		Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	38
4		Tetradecane	198	C14H30	000629-59-4	30
5		Pentadecane	212	C15H32	000629-62-9	25



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY041720\
Data File : VY002414.D
Acq On : 17 Apr 2020 20:47
Operator : SY/MD
Sample : L2283-06
Misc : 4.79G/5ML/MSVOA Y/SOIL
ALS Vial : 30 Sample Multiplier: 1

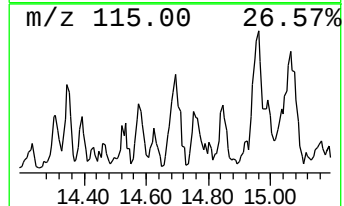
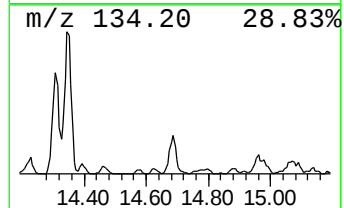
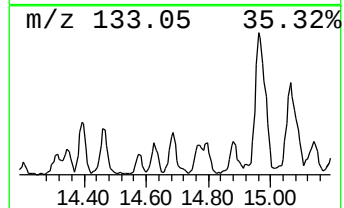
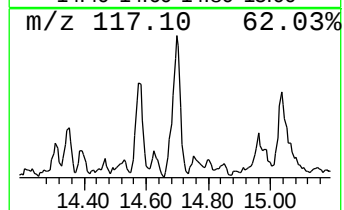
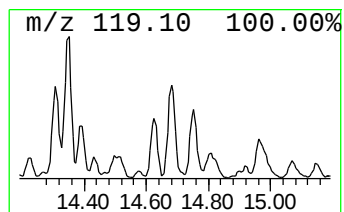
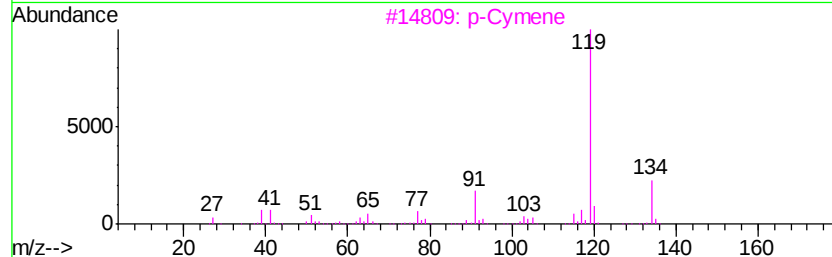
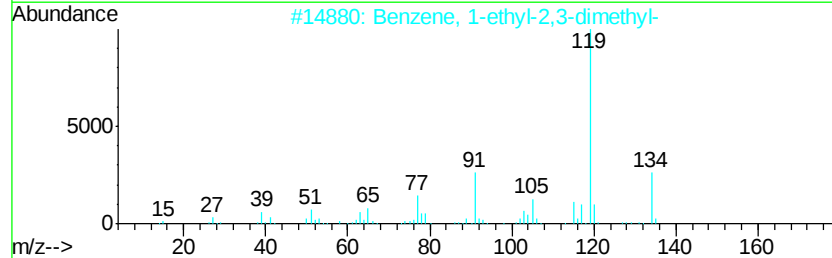
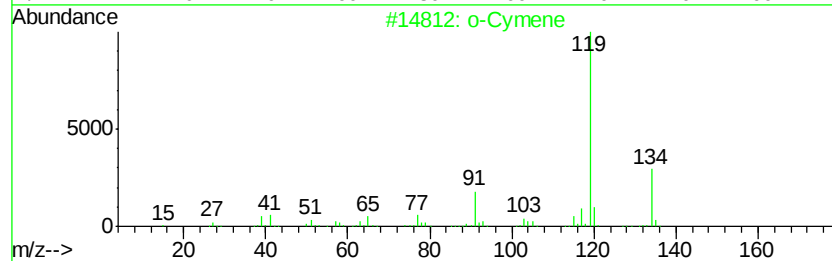
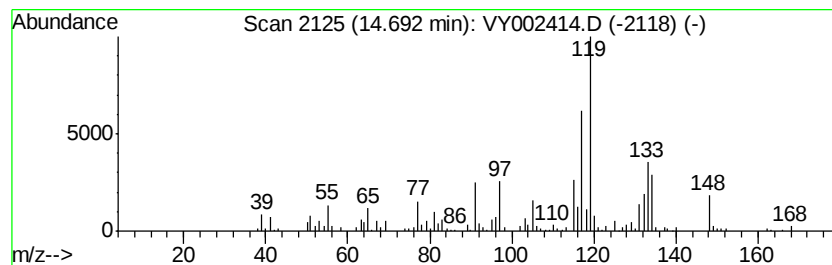
Instrument :
MSVOA_Y
ClientSampleId :
WB-1-1

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Quant Title : SW846 8260

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

Peak Number 6 o-Cymene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	9.41 ug/l	123047	1,4-Dichlorobenzene-d4	13.44
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		o-Cymene	134 C10H14	000527-84-4 60
2		Benzene, 1-ethyl-2,3-dimethyl-	134 C10H14	000933-98-2 53
3		p-Cymene	134 C10H14	000099-87-6 53
4		Benzene, 2-ethyl-1,3-dimethyl-	134 C10H14	002870-04-4 53
5		5H-5-Methyl-6,7-dihydrocyclopent...	134 C8H10N2	023747-48-0 50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY041720\
Data File : VY002414.D
Acq On : 17 Apr 2020 20:47
Operator : SY/MD
Sample : L2283-06
Misc : 4.79G/5ML/MSVOA Y/SOIL
ALS Vial : 30 Sample Multiplier: 1

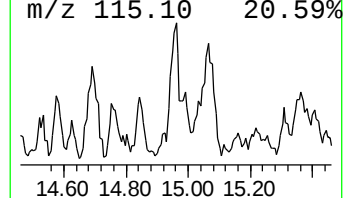
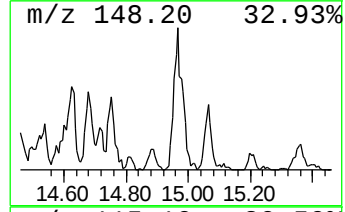
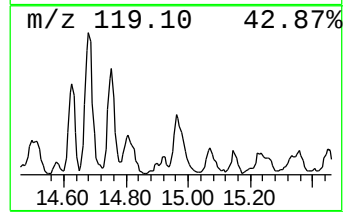
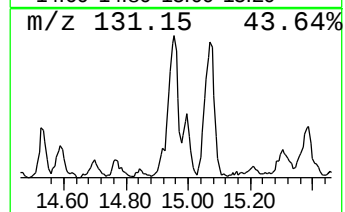
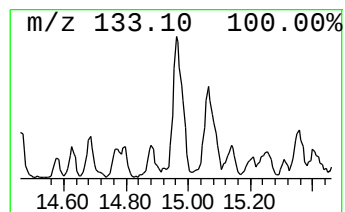
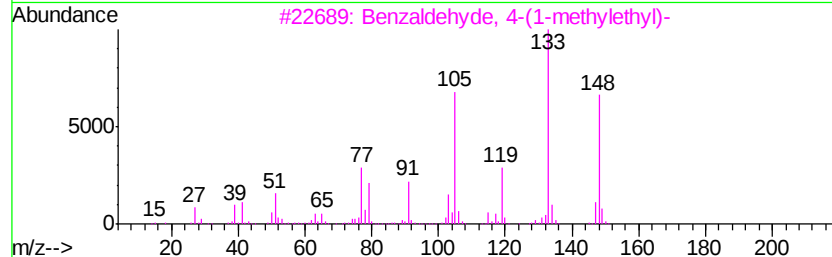
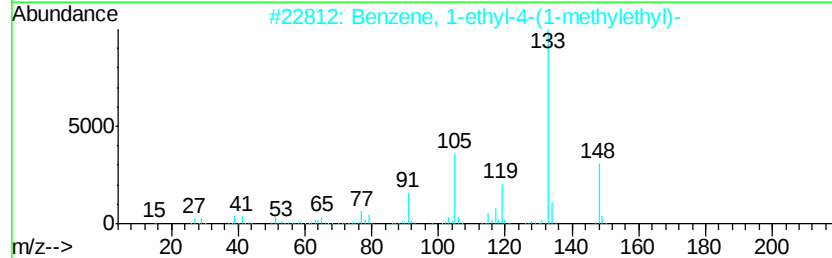
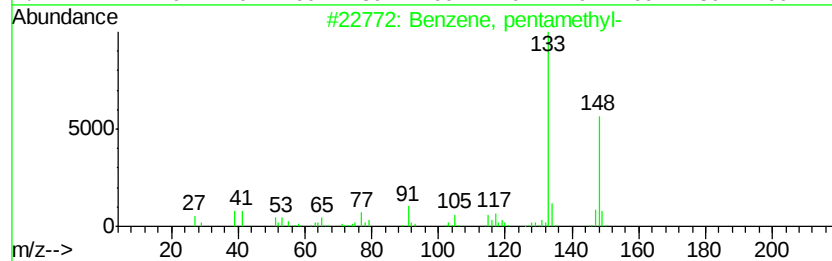
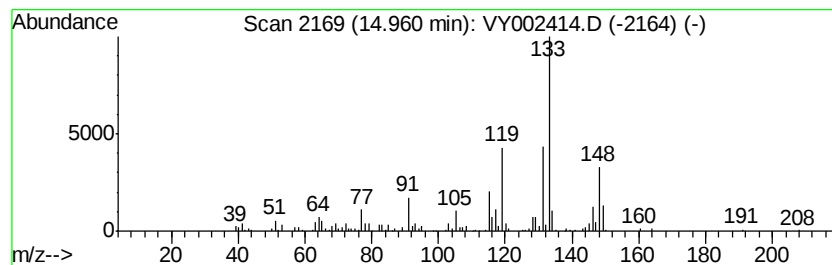
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
Quant Title : SW846 8260

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

Peak Number 7 unknown14.96 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	8.36 ug/l	109315	1,4-Dichlorobenzene-d4	13.44
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, pentamethyl-	148 C11H16	000700-12-9 49
2		Benzene, 1-ethyl-4-(1-methylethyl)-	148 C11H16	004218-48-8 49
3		Benzaldehyde, 4-(1-methylethyl)-	148 C10H12O	000122-03-2 47
4		Benzene, 1,4-dimethyl-2-(1-methylethyl)-	148 C11H16	004132-72-3 46
5		Benzene, 1,3-dimethyl-5-(1-methylethyl)-	148 C11H16	004706-90-5 46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY041720\
Data File : VY002414.D
Acq On : 17 Apr 2020 20:47
Operator : SY/MD
Sample : L2283-06
Misc : 4.79G/5ML/MSVOA Y/SOIL
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WB-1-1

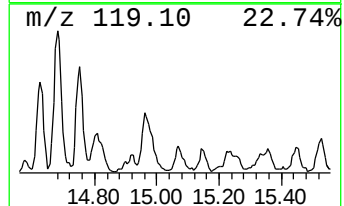
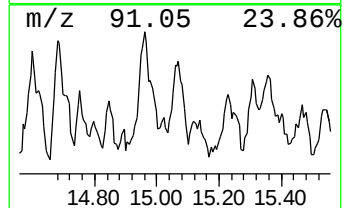
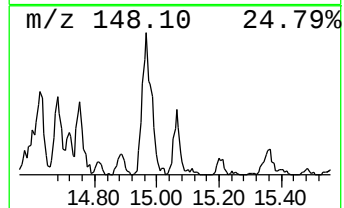
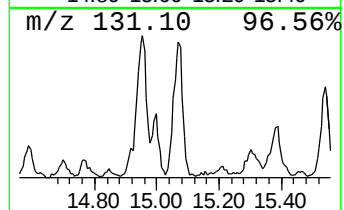
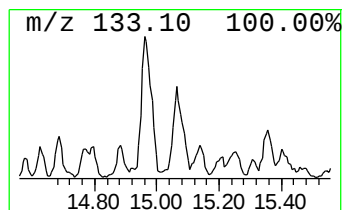
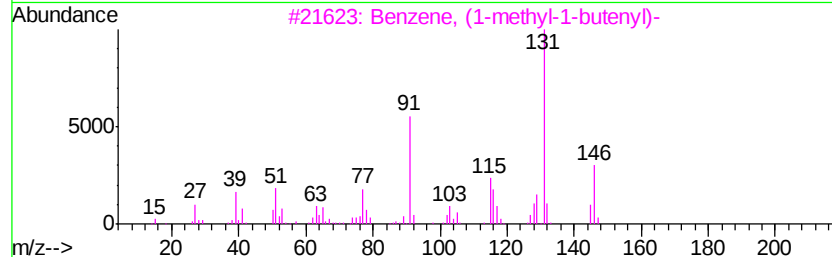
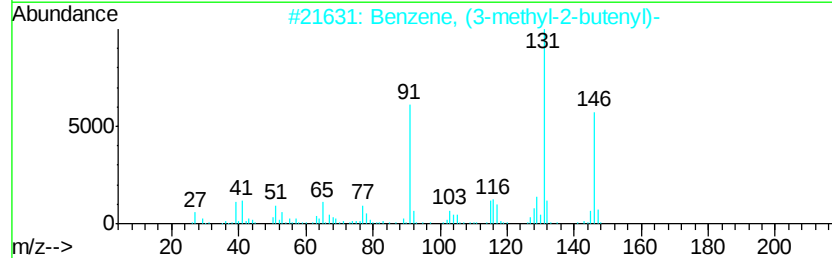
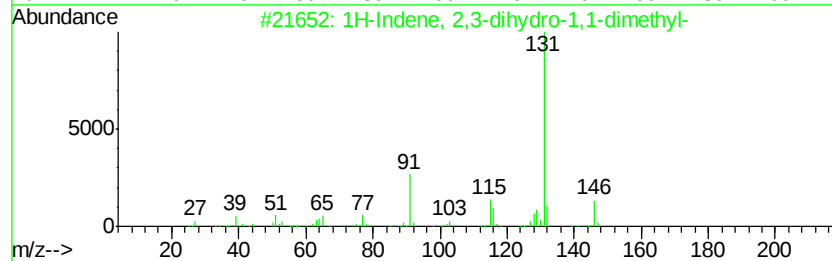
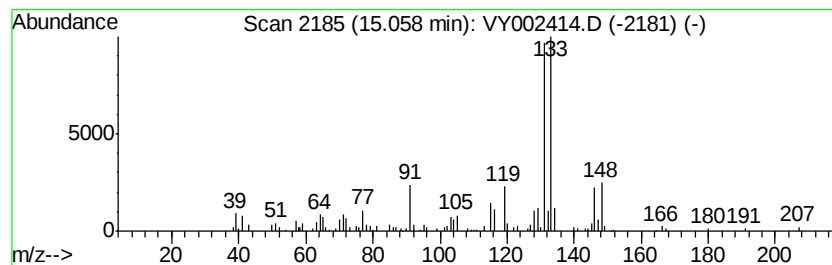
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Quant Title : SW846 8260

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

Peak Number 8 1H-Indene, 2,3-dihydro-1,1-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	6.61 ug/l	86353	1,4-Dichlorobenzene-d4	13.44

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	86
2		Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	83
3		Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	60
4		2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	52
5		Bicyclo[4.2.0]octa-1,3,5-triene, ...	146	C11H14	027087-54-3	46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY041720\
Data File : VY002414.D
Acq On : 17 Apr 2020 20:47
Operator : SY/MD
Sample : L2283-06
Misc : 4.79G/5ML/MSVOA Y/SOIL
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WB-1-1

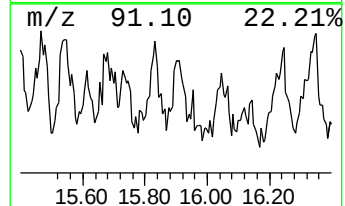
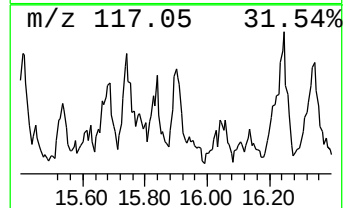
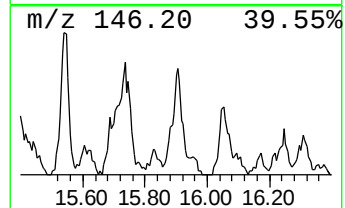
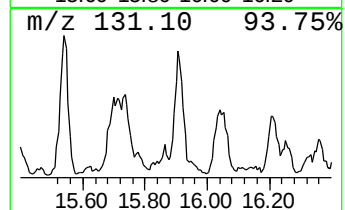
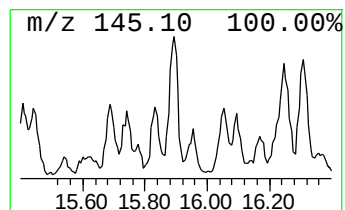
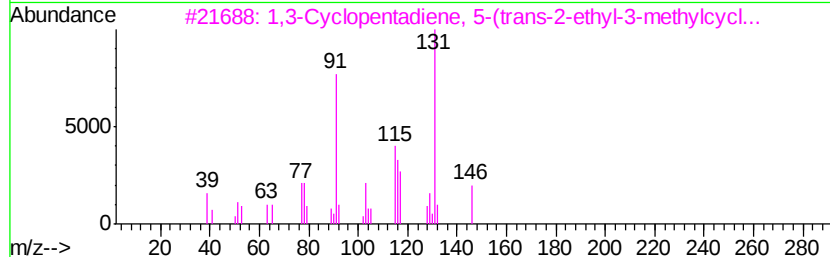
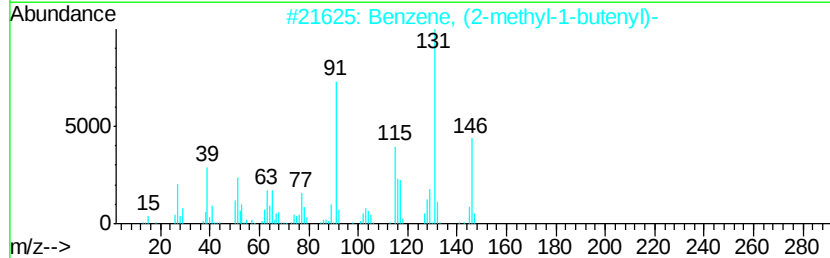
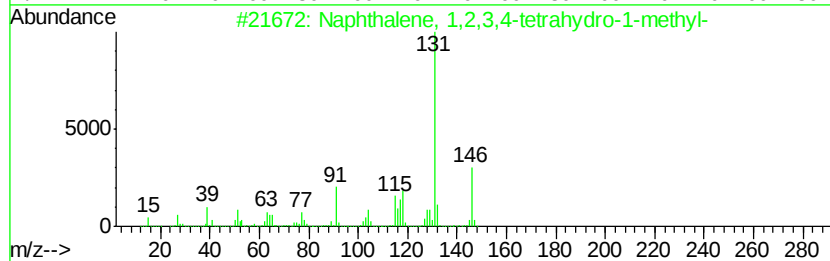
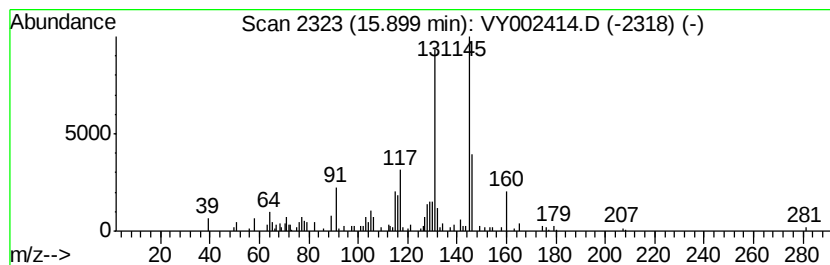
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Quant Title : SW846 8260

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

Peak Number 9 Naphthalene, 1,2,3,4-tetra... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	7.06 ug/l	92338	1,4-Dichlorobenzene-d4	13.44

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	60
2		Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	60
3		1,3-Cyclopentadiene, 5-(trans-2-...	146	C11H14	079209-36-2	60
4		Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	55
5		1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	49



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY041720\
Data File : VY002414.D
Acq On : 17 Apr 2020 20:47
Operator : SY/MD
Sample : L2283-06
Misc : 4.79G/5ML/MSVOA Y/SOIL
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WB-1-1

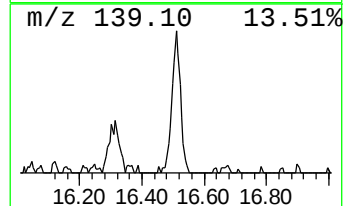
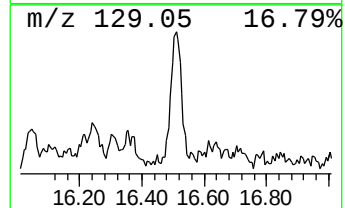
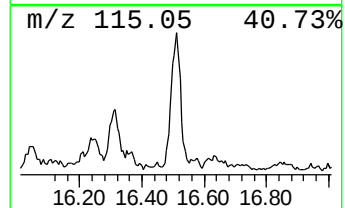
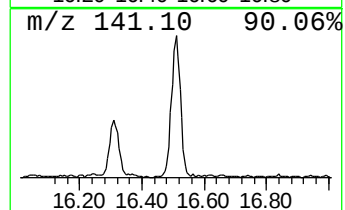
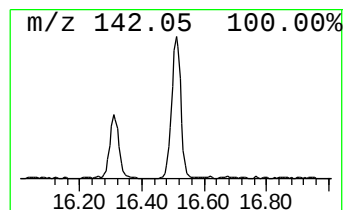
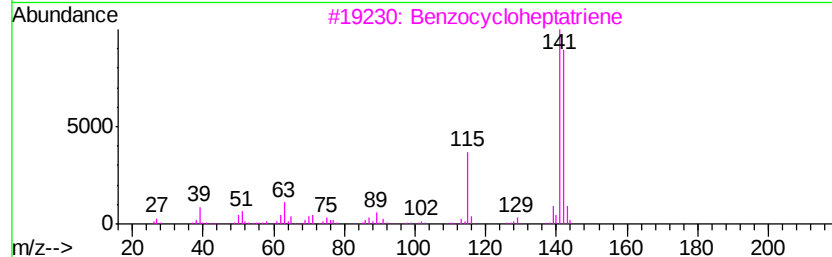
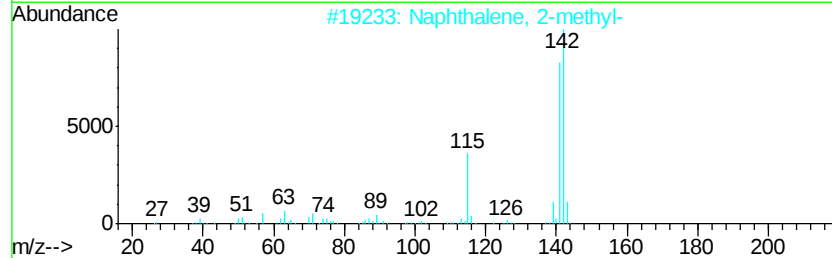
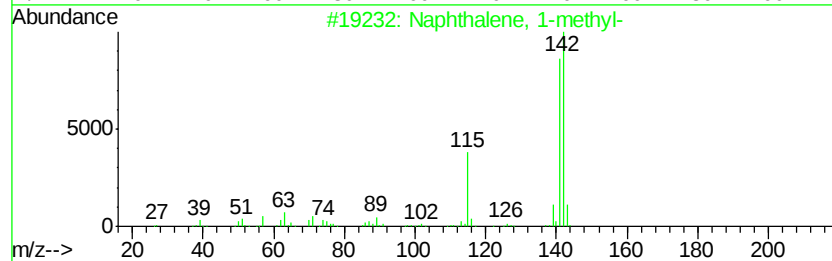
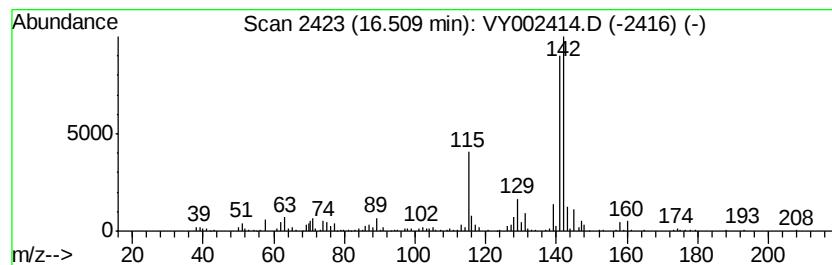
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.51	10.88 ug/l	142226	1,4-Dichlorobenzene-d4	13.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3		Benzocycloheptatriene	142	C11H10	000264-09-5	87
4		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	87
5		3,4-Difluorobenzaldehyde	142	C7H4F2O	034036-07-2	52



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY041720\
Data File : VY002414.D
Acq On : 17 Apr 2020 20:47
Operator : SY/MD
Sample : L2283-06
Misc : 4.79G/5ML/MSVOA_Y/SOIL
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WB-1-1

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
Heptane, 2,2-dime...	12.82	7.1	ug/l	92647	4	13.44	653557	50.0
unknown13.76	13.76	10.4	ug/l	135583	4	13.44	653557	50.0
Benzene, 4-ethyl-...	13.99	6.2	ug/l	81090	4	13.44	653557	50.0
1-Phenyl-1-butene	14.09	6.2	ug/l	81585	4	13.44	653557	50.0
Dodecane	14.63	6.6	ug/l	86334	4	13.44	653557	50.0
o-Cymene	14.69	9.4	ug/l	123047	4	13.44	653557	50.0
unknown14.96	14.96	8.4	ug/l	109315	4	13.44	653557	50.0
1H-Indene, 2,3-di...	15.06	6.6	ug/l	86353	4	13.44	653557	50.0
Naphthalene, 1,2,...	15.90	7.1	ug/l	92338	4	13.44	653557	50.0
Naphthalene, 1-me...	16.51	10.9	ug/l	142226	4	13.44	653557	50.0