

Data Path : Z:\voasrv\HPCHEM1\MSVOA Y\Data\VY012020\
 Data File : VY001297.D
 Acq On : 20 Jan 2020 15:48
 Operator : SY/MD
 Sample : L1190-01
 Misc : 7.55G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TSP-02

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\82Y011020S.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	4.761	486	496	510	rBV3	10971	35918	3.00%	0.190%
2	7.754	975	987	992	rBV	146627	348820	29.11%	1.847%
3	7.821	992	998	1009	rVB2	258380	575527	48.03%	3.048%
4	8.175	1047	1056	1067	rBV	145354	332055	27.71%	1.758%
5	8.718	1134	1145	1156	rBV	418880	831713	69.41%	4.404%
6	9.205	1210	1225	1231	rBV4	9400	25560	2.13%	0.135%
7	10.199	1379	1388	1402	rBV	665657	1198307	100.00%	6.345%
8	10.364	1410	1415	1426	rVB6	13292	39980	3.34%	0.212%
9	10.534	1432	1443	1449	rVB2	29068	54892	4.58%	0.291%
10	10.632	1449	1459	1465	rBV5	17212	39838	3.32%	0.211%
11	10.723	1470	1474	1479	rVB4	7338	12250	1.02%	0.065%
12	10.918	1499	1506	1512	rBV	10514	20660	1.72%	0.109%
13	10.979	1512	1516	1519	rBV3	12829	19955	1.67%	0.106%
14	11.053	1524	1528	1531	rVB	36123	49878	4.16%	0.264%
15	11.101	1531	1536	1542	rVB	88842	151760	12.66%	0.804%
16	11.156	1542	1545	1549	rVB3	12846	18366	1.53%	0.097%
17	11.211	1549	1554	1559	rBV2	31236	58739	4.90%	0.311%
18	11.309	1565	1570	1578	rVB2	57067	95449	7.97%	0.505%
19	11.388	1579	1583	1586	rBV4	10484	17001	1.42%	0.090%
20	11.430	1586	1590	1596	rBV8	8117	15789	1.32%	0.084%
21	11.504	1596	1602	1612	rBV	584330	940486	78.48%	4.980%
22	11.589	1612	1616	1620	rBV	17530	29012	2.42%	0.154%
23	11.638	1620	1624	1628	rBV	36623	51441	4.29%	0.272%
24	11.687	1628	1632	1637	rBV5	35035	69486	5.80%	0.368%
25	11.748	1637	1642	1646	rBV	104598	197035	16.44%	1.043%
26	11.790	1646	1649	1654	rVB2	77933	133568	11.15%	0.707%
27	11.851	1654	1659	1663	rBV2	22338	44129	3.68%	0.234%
28	11.912	1663	1669	1671	rBV3	28660	47449	3.96%	0.251%
29	11.943	1671	1674	1679	rVB3	29808	46448	3.88%	0.246%
30	12.016	1679	1686	1693	rBV4	181763	419858	35.04%	2.223%
31	12.071	1693	1695	1697	rVB2	18760	14802	1.24%	0.078%
32	12.101	1697	1700	1703	rBV	20247	22240	1.86%	0.118%
33	12.132	1703	1705	1709	rVB	46518	51832	4.33%	0.274%
34	12.174	1709	1712	1714	rBV	50077	68428	5.71%	0.362%

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35	12.217	1714	1719	1721	rBV2	174286	280469	23.41%	1.485%
36	12.247	1721	1724	1730	rVB3	150635	283834	23.69%	1.503%
37	12.382	1743	1746	1753	rVB3	84337	159896	13.34%	0.847%
38	12.491	1759	1764	1770	rBV	453857	742117	61.93%	3.930%
39	12.577	1770	1778	1783	rBV4	88864	253548	21.16%	1.343%
40	12.656	1786	1791	1798	rVB2	304570	551650	46.04%	2.921%
41	12.741	1798	1805	1809	rBV4	123866	296793	24.77%	1.572%
42	12.820	1810	1818	1823	rVV4	232038	617002	51.49%	3.267%
43	12.869	1824	1826	1831	rVB2	129011	179679	14.99%	0.951%
44	12.924	1831	1835	1837	rBV4	28984	45002	3.76%	0.238%
45	12.961	1837	1841	1845	rBV2	124633	168575	14.07%	0.893%
46	13.016	1845	1850	1852	rBV3	84325	157953	13.18%	0.836%
47	13.052	1852	1856	1863	rVB	332174	533573	44.53%	2.825%
48	13.180	1873	1877	1881	rBV2	90928	136295	11.37%	0.722%
49	13.235	1882	1886	1888	rBV3	93728	128677	10.74%	0.681%
50	13.333	1894	1902	1906	rBV4	239646	529363	44.18%	2.803%
51	13.436	1914	1919	1924	rBV	434304	651197	54.34%	3.448%
52	13.583	1938	1943	1946	rBV2	99405	175553	14.65%	0.930%
53	13.711	1958	1964	1966	rBV5	57913	118071	9.85%	0.625%
54	13.759	1966	1972	1977	rVV2	394022	736708	61.48%	3.901%
55	13.808	1977	1980	1984	rVB3	98705	142313	11.88%	0.754%
56	13.869	1985	1990	1996	rBV5	89929	223290	18.63%	1.182%
57	13.985	2005	2009	2013	rVB	160247	227601	18.99%	1.205%
58	14.028	2013	2016	2021	rVB2	140366	205624	17.16%	1.089%
59	14.089	2021	2026	2031	rBV4	179675	302209	25.22%	1.600%
60	14.156	2032	2037	2043	rVB5	116264	212789	17.76%	1.127%
61	14.210	2043	2046	2049	rBV2	52892	81170	6.77%	0.430%
62	14.271	2050	2056	2061	rBV7	274396	587013	48.99%	3.108%
63	14.387	2072	2075	2078	rBV3	58628	78222	6.53%	0.414%
64	14.436	2078	2083	2087	rBV3	184430	279885	23.36%	1.482%
65	14.631	2112	2115	2118	rBV3	68511	89896	7.50%	0.476%
66	14.692	2120	2125	2130	rVV3	246072	497669	41.53%	2.635%
67	14.747	2130	2134	2140	rVB2	305064	537929	44.89%	2.849%
68	14.863	2150	2153	2155	rBV4	39149	55365	4.62%	0.293%
69	14.954	2164	2168	2172	rVB2	188532	298625	24.92%	1.581%
70	15.021	2172	2179	2181	rBV4	68443	177005	14.77%	0.937%
71	15.070	2181	2187	2192	rBV2	167248	317126	26.46%	1.679%

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72	15.131	2194	2197	2199	rBV2	57908	77693	6.48%	0.411%
73	15.222	2207	2212	2218	rVB2	288534	470039	39.23%	2.489%
74	15.546	2258	2265	2271	rBV8	105841	305807	25.52%	1.619%
75	15.619	2272	2277	2282	rVB3	179075	309567	25.83%	1.639%
76	16.167	2363	2367	2374	rBV	216210	366240	30.56%	1.939%
77	16.491	2415	2420	2425	rBV5	103683	216794	18.09%	1.148%

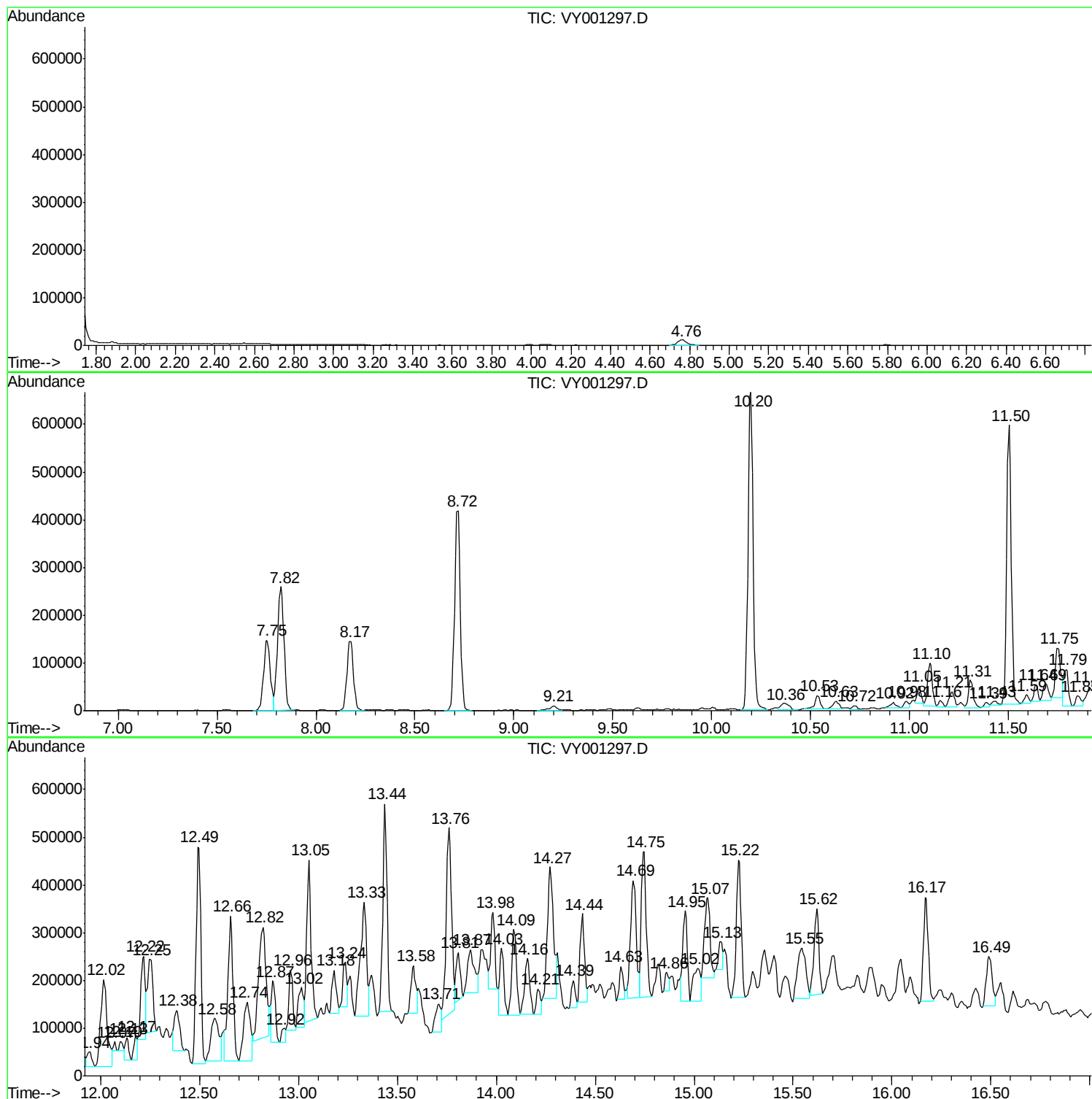
Sum of corrected areas: 18884497

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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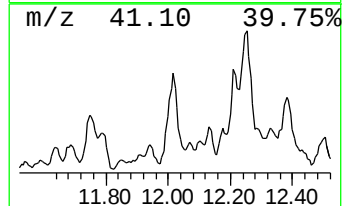
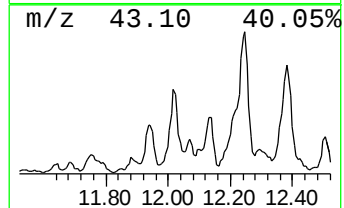
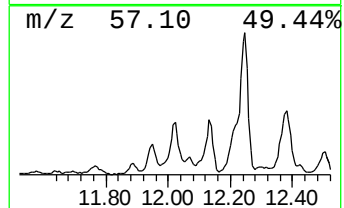
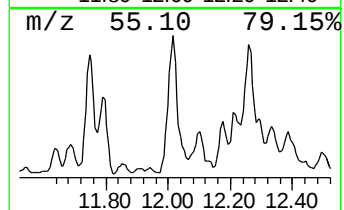
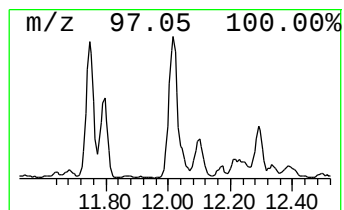
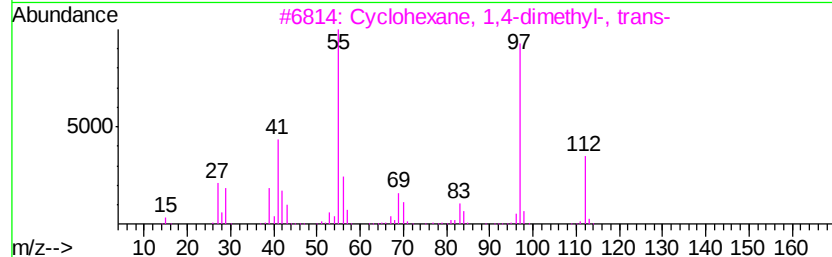
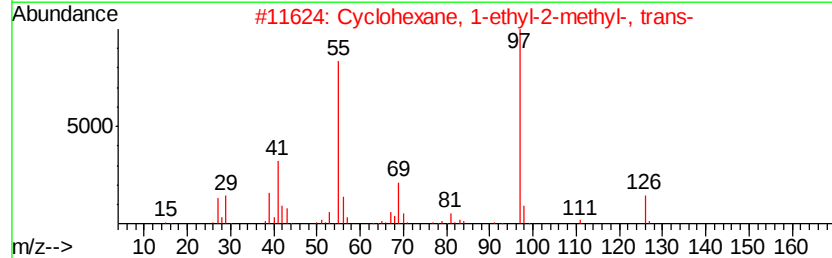
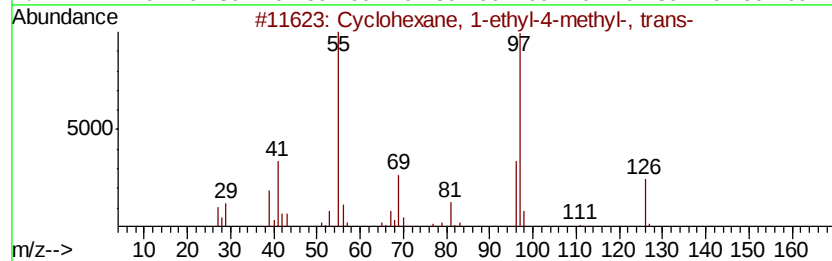
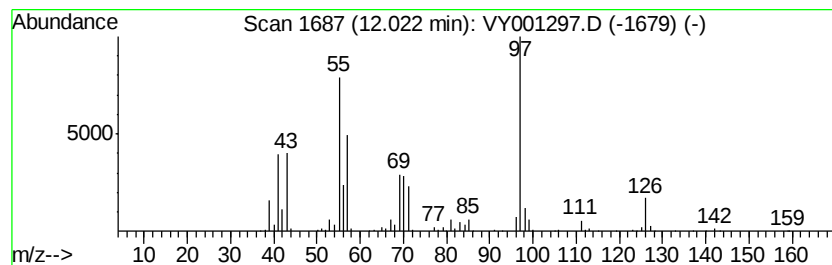
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
Quant Title : SW846 8260

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

Peak Number 1 Cyclohexane, 1-ethyl-4-meth... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.02	22.32 ug/l	419858	Chlorobenzene-d5	11.50		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cvclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	64
2		Cvclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	64
3		Cvclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	59
4		3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	58
5		1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	58



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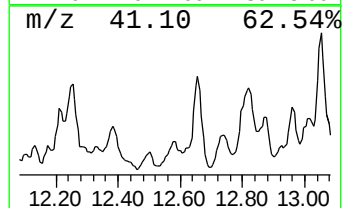
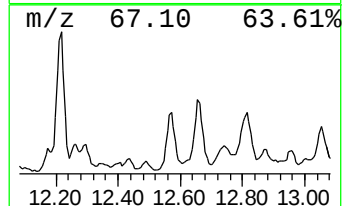
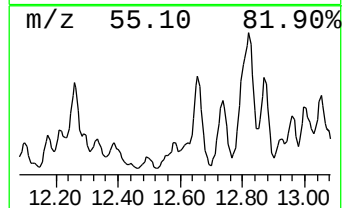
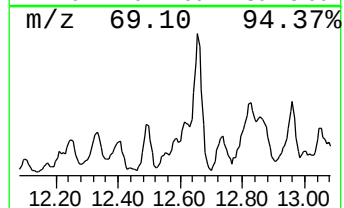
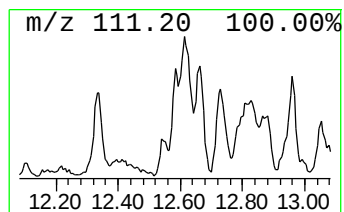
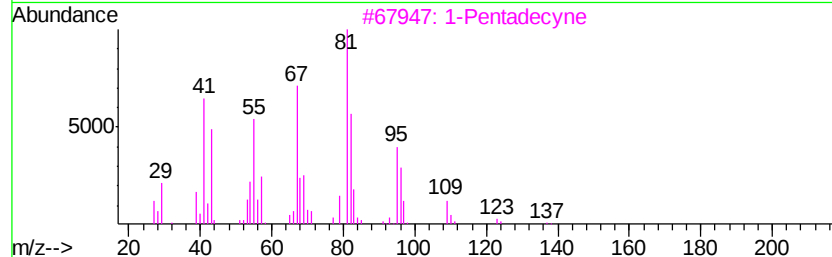
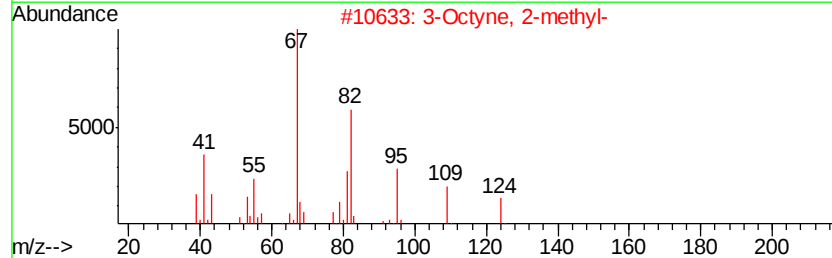
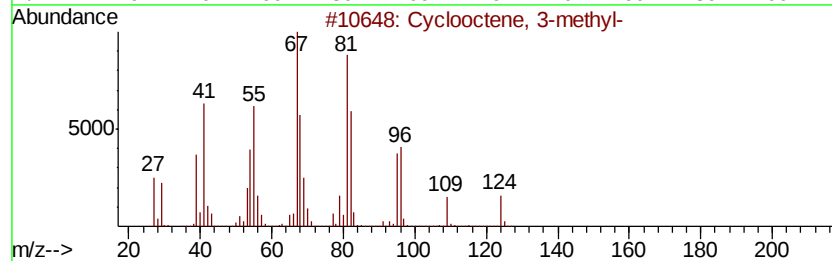
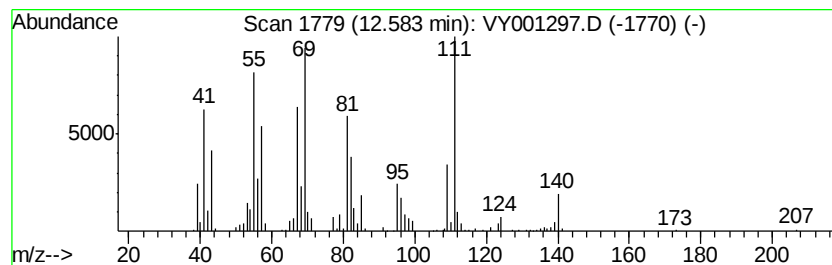
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown12.58 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.58	19.47 ug/l	253548	1,4-Dichlorobenzene-d4	13.44
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclooctene, 3-methyl-	124 C9H16	013152-05-1 49
2		3-Octyne, 2-methyl-	124 C9H16	055402-15-8 42
3		1-Pentadecyne	208 C15H28	000765-13-9 38
4		1-Hexadecyne	222 C16H30	000629-74-3 38
5		1H-Indene, octahydro-, cis-	124 C9H16	004551-51-3 38



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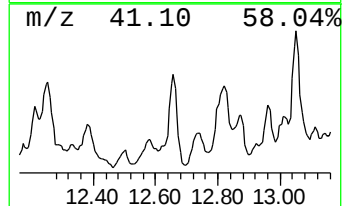
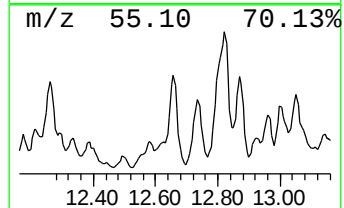
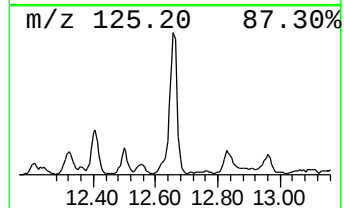
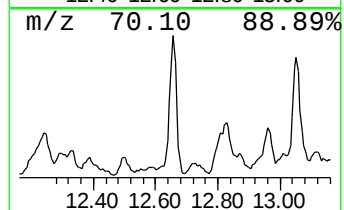
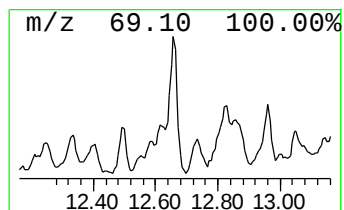
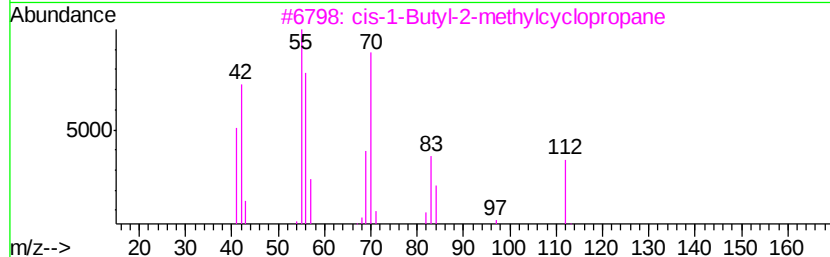
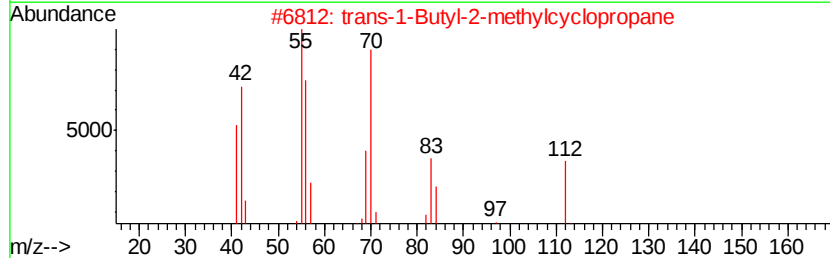
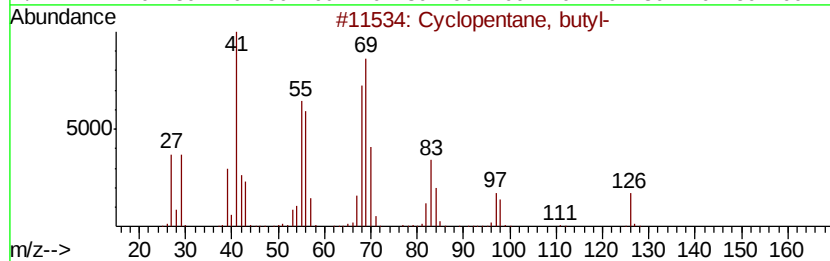
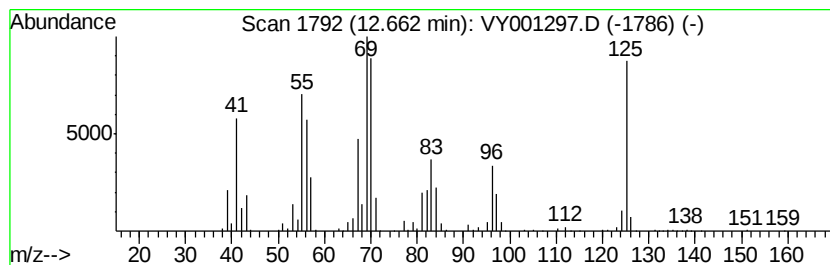
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Cyclopentane, butyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.66	42.36 ug/l	551650	1,4-Dichlorobenzene-d4	13.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, butyl-	126	C9H18	002040-95-1	50
2		trans-1-Butyl-2-methylcyclopropane	112	C8H16	038851-70-6	46
3		cis-1-Butyl-2-methylcyclopropane	112	C8H16	038851-69-3	46
4		Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	43
5		Cyclooctane, 1-methyl-3-propyl-	168	C12H24	255885-37-1	38



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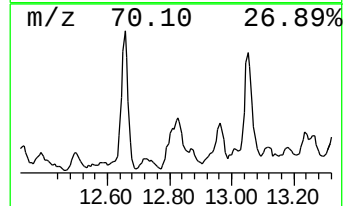
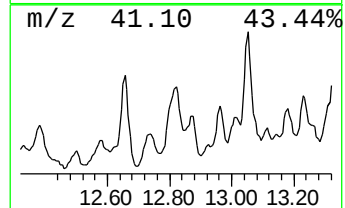
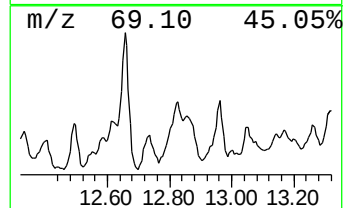
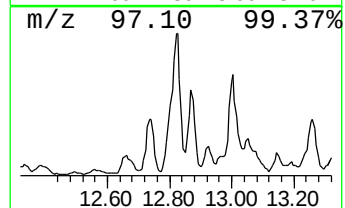
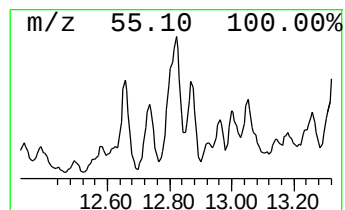
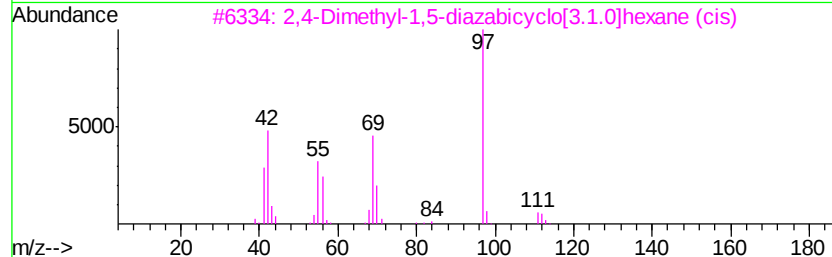
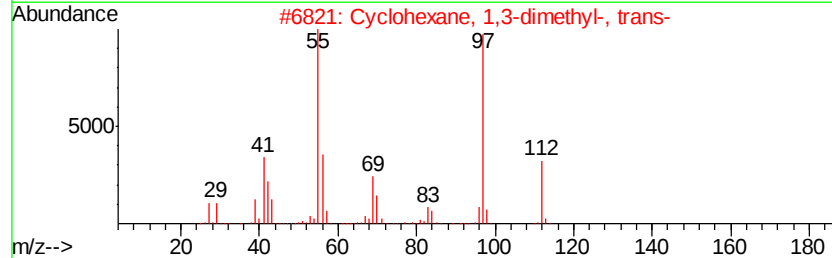
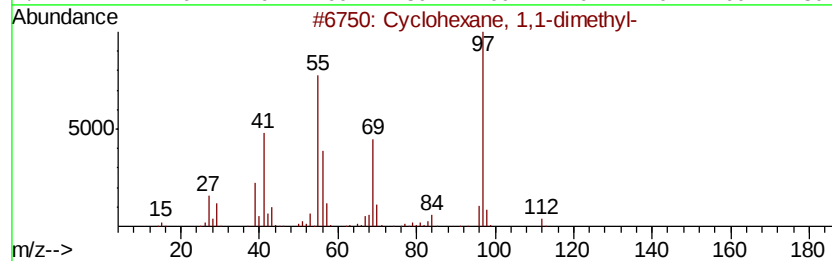
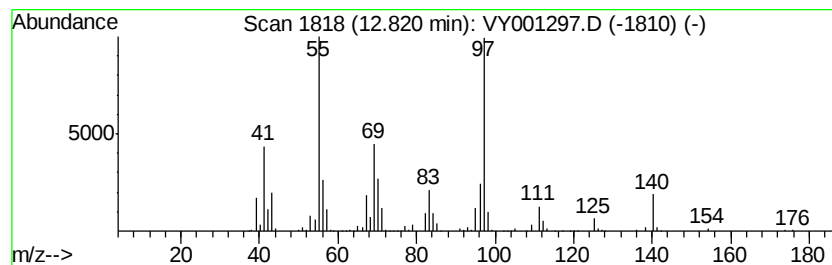
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.82	47.37 ug/l	617002	1,4-Dichlorobenzene-d4	13.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	55
2		Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	52
3		2,4-Dimethyl-1,5-diazabicyclo[3.1.0]hexane	112	C6H12N2	100463-01-2	52
4		Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	47
5		2,4-Dimethyl-1,5-diazabicyclo[3.1.0]hexane	112	C6H12N2	1000283-20-9	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA Y\Data\VY012020\
Data File : VY001297.D
Acq On : 20 Jan 2020 15:48
Operator : SY/MD
Sample : L1190-01
Misc : 7.55G/5ML/MSVOA Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

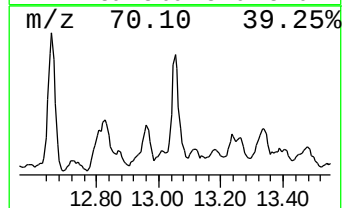
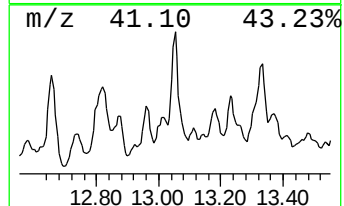
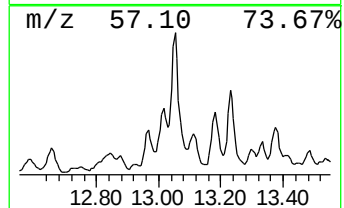
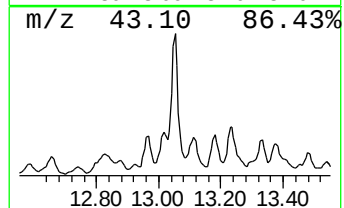
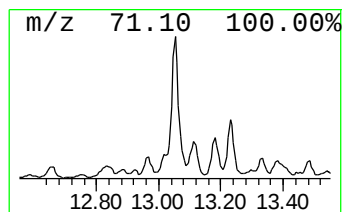
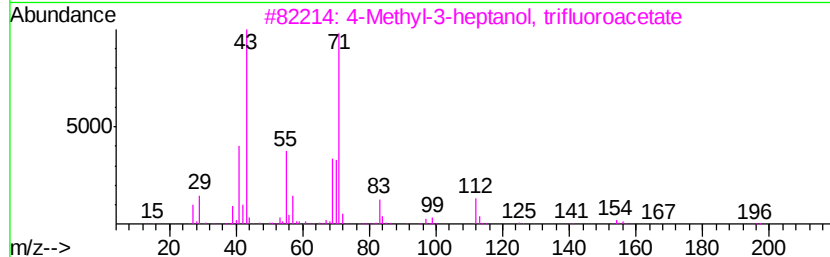
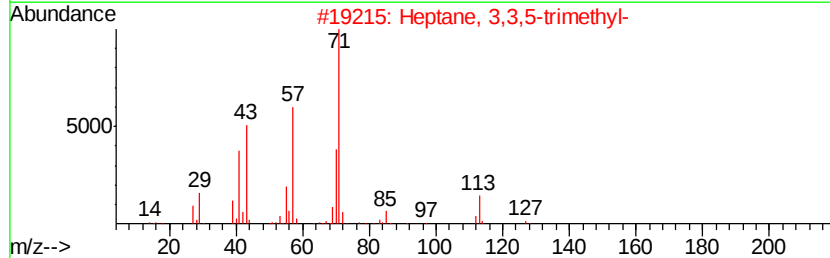
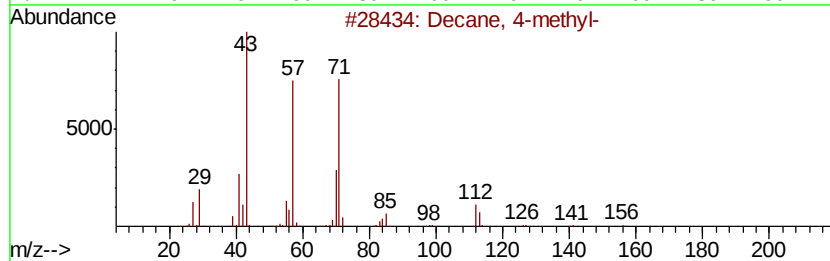
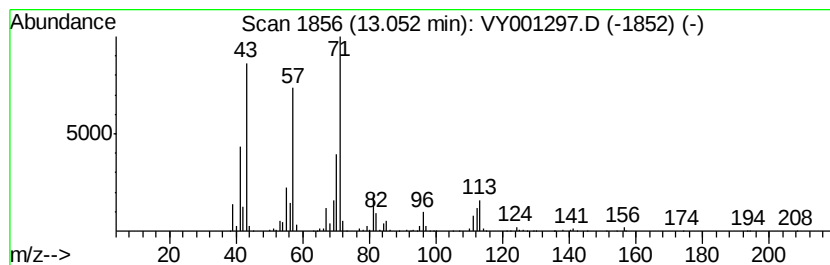
Instrument :
MSVOA_Y
ClientSampleId :
TSP-02

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
Quant Title : SW846 8260

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

Peak Number 6 Decane, 4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.05	40.97 ug/l	533573	1,4-Dichlorobenzene-d4	13.44
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Decane, 4-methyl-	156 C11H24	002847-72-5	72
2	Heptane, 3,3,5-trimethyl-	142 C10H22	007154-80-5	72
3	4-Methyl-3-heptanol, trifluoroac...	226 C10H17F3O2	1000365-51-8	64
4	Octane, 3,3-dimethyl-	142 C10H22	004110-44-5	64
5	Dodecane, 4-methyl-	184 C13H28	006117-97-1	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA Y\Data\VY012020\
 Data File : VY001297.D
 Acq On : 20 Jan 2020 15:48
 Operator : SY/MD
 Sample : L1190-01
 Misc : 7.55G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TSP-02

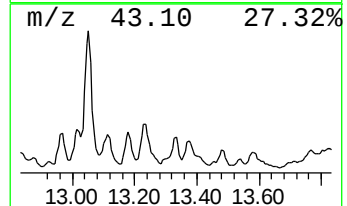
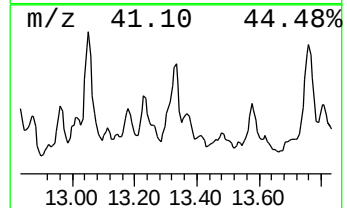
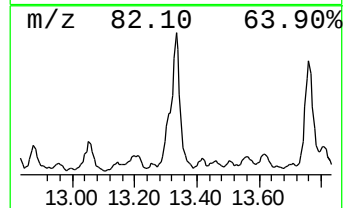
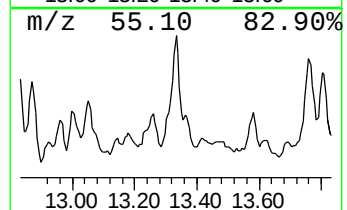
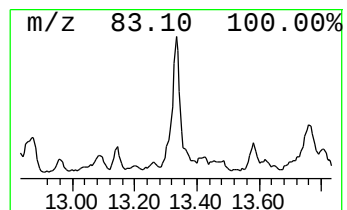
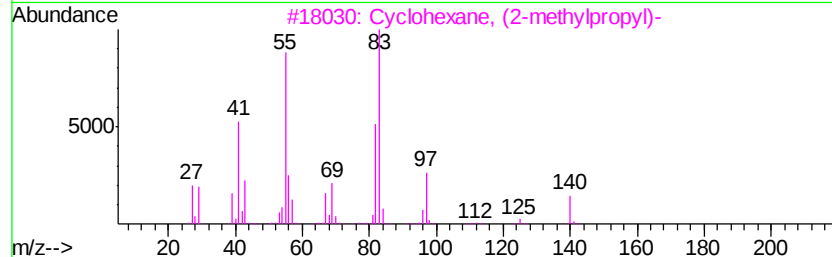
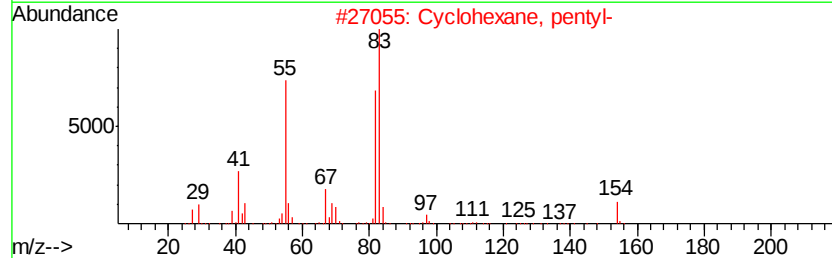
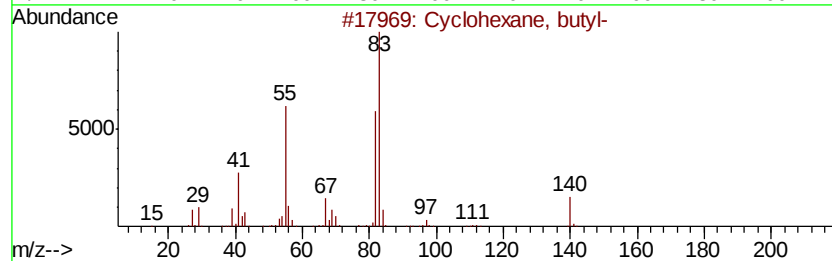
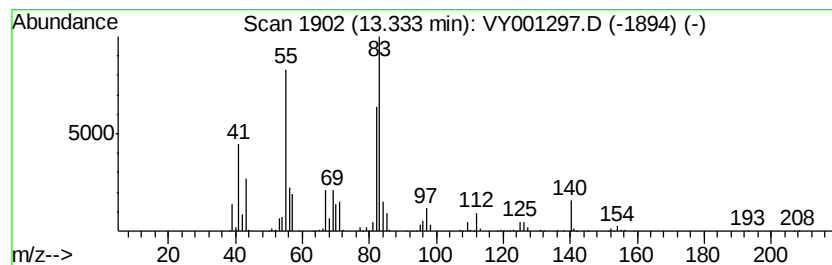
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 Quant Title : SW846 8260

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

 Peak Number 7 Cyclohexane, butyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.33	40.65 ug/l	529363	1,4-Dichlorobenzene-d4	13.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, butyl-	140	C10H20	001678-93-9	72
2		Cyclohexane, pentyl-	154	C11H22	004292-92-6	72
3		Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	68
4		Cyclohexane, octyl-	196	C14H28	001795-15-9	64
5		Cyclohexane, ethyl-	112	C8H16	001678-91-7	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA Y\Data\VY012020\
Data File : VY001297.D
Acq On : 20 Jan 2020 15:48
Operator : SY/MD
Sample : L1190-01
Misc : 7.55G/5ML/MSVOA Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

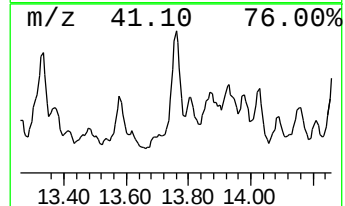
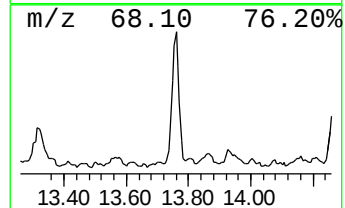
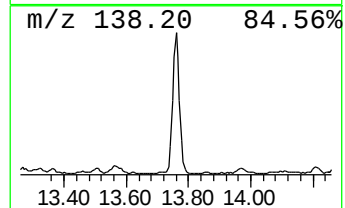
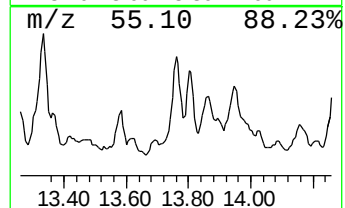
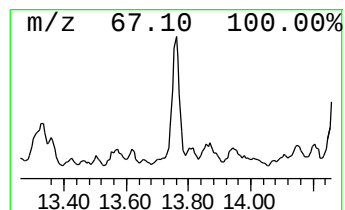
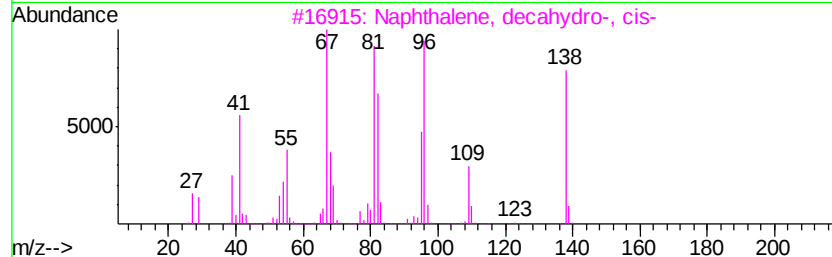
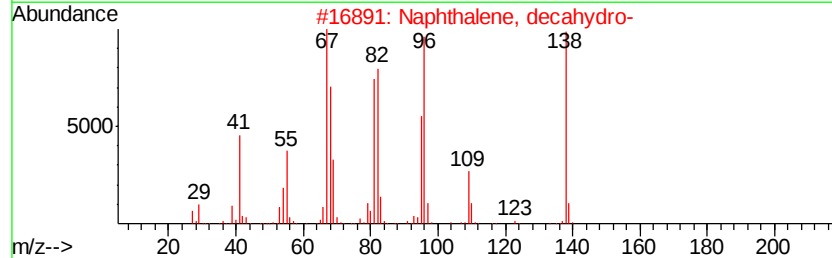
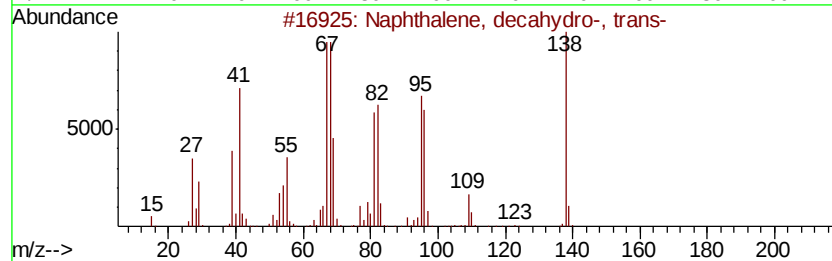
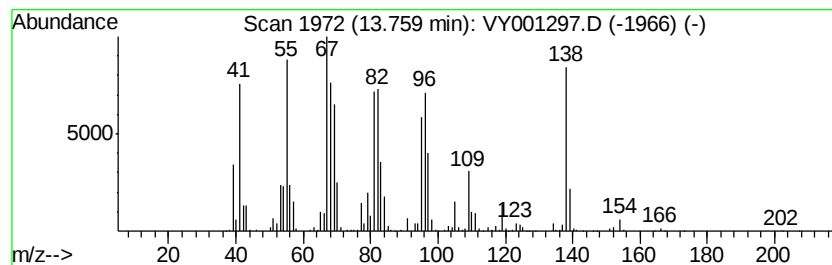
Instrument :
MSVOA_Y
ClientSampleId :
TSP-02

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
Quant Title : SW846 8260

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

Peak Number 8 Naphthalene, decahydro-, tr... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	56.57 ug/l	736708	1,4-Dichlorobenzene-d4	13.44
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, decahydro-, trans-	138 C10H18	000493-02-7 95
2		Naphthalene, decahydro-	138 C10H18	000091-17-8 94
3		Naphthalene, decahydro-, cis-	138 C10H18	000493-01-6 91
4		Spiro[4.5]decane	138 C10H18	000176-63-6 70
5		Cyclohexane, 1-methyl-4-(1-methy...	138 C10H18	001124-25-0 64



Data Path : Z:\voasrv\HPCHEM1\MSVOA Y\Data\VY012020\
Data File : VY001297.D
Acq On : 20 Jan 2020 15:48
Operator : SY/MD
Sample : L1190-01
Misc : 7.55G/5ML/MSVOA Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TSP-02

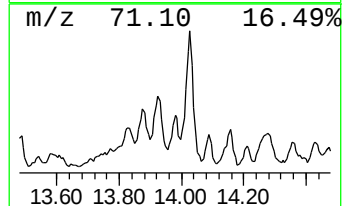
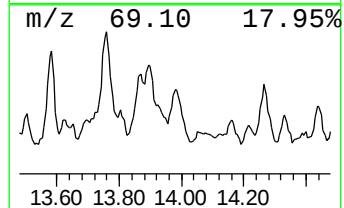
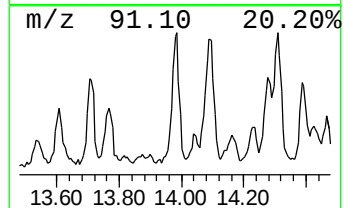
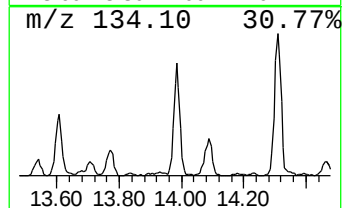
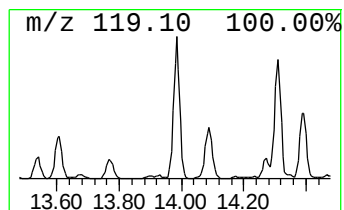
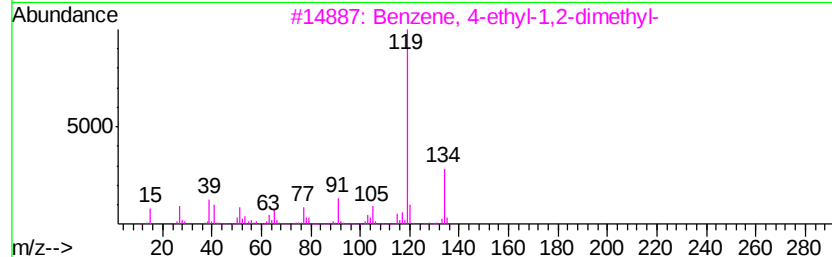
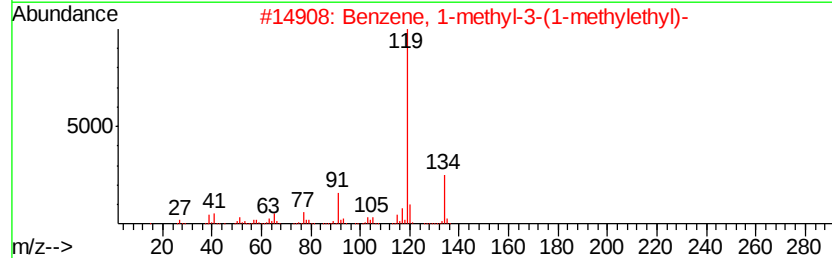
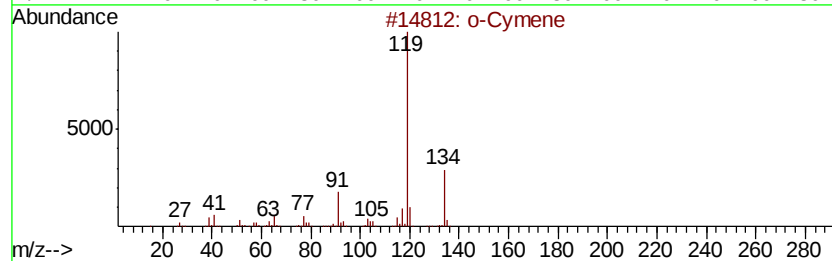
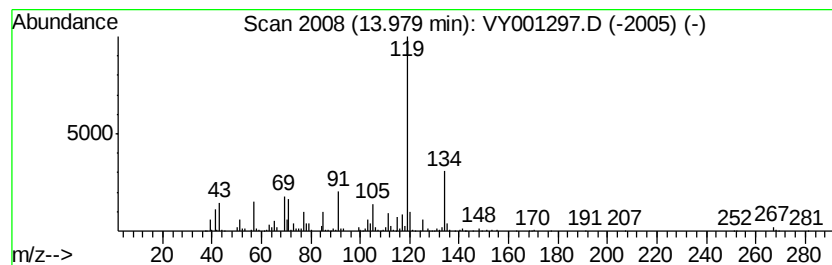
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Quant Title : SW846 8260

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

Peak Number 9 o-Cymene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.98	17.48 ug/l	227601	1,4-Dichlorobenzene-d4	13.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o-Cymene	134	C10H14	000527-84-4	94
2		Benzene, 1-methyl-3-(1-methylethyl-)	134	C10H14	000535-77-3	94
3		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
4		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93
5		p-Cymene	134	C10H14	000099-87-6	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA Y\Data\VY012020\
Data File : VY001297.D
Acq On : 20 Jan 2020 15:48
Operator : SY/MD
Sample : L1190-01
Misc : 7.55G/5ML/MSVOA Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

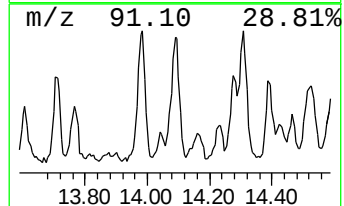
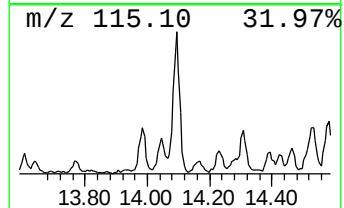
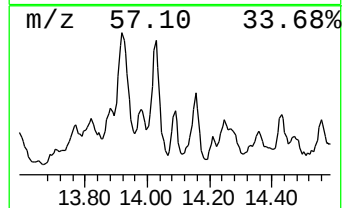
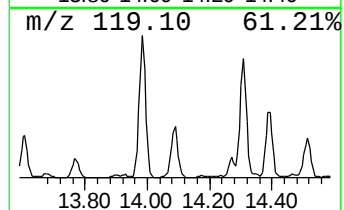
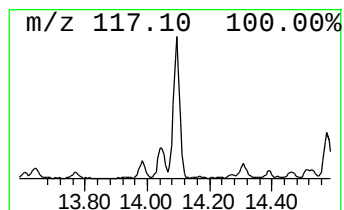
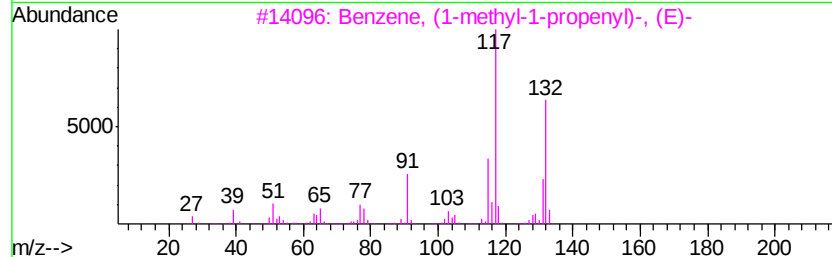
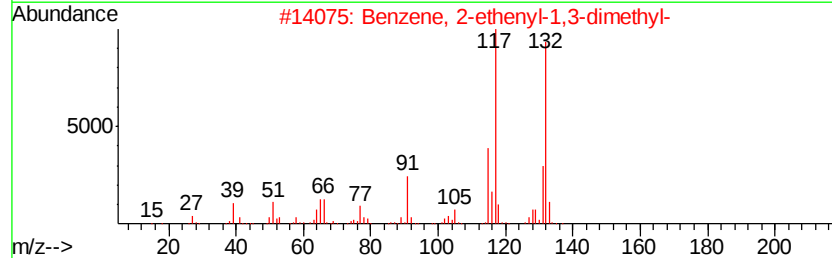
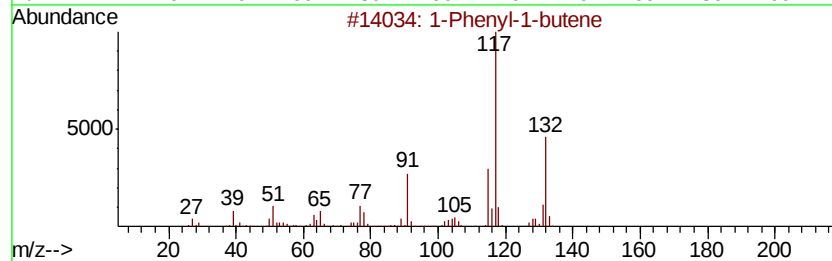
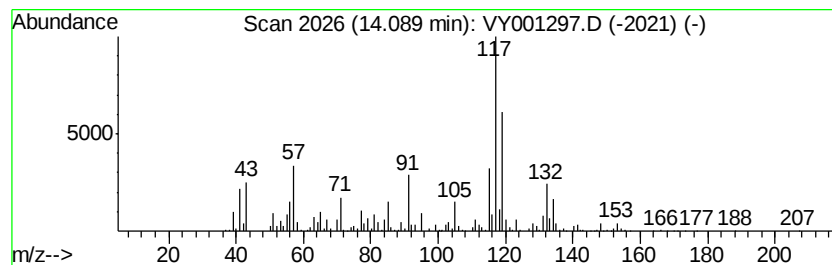
Instrument :
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ClientSampleId :
TSP-02

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
Quant Title : SW846 8260

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

Peak Number 10 1-Phenyl-1-butene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.09	23.20 ug/l	302209	1,4-Dichlorobenzene-d4	13.44
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Phenyl-1-butene	132 C10H12	000824-90-8	78
2	Benzene, 2-ethenyl-1,3-dimethyl-	132 C10H12	002039-90-9	60
3	Benzene, (1-methyl-1-propenyl)-,...	132 C10H12	000768-00-3	60
4	Benzene, 1-methyl-2-(2-propenyl)-	132 C10H12	001587-04-8	60
5	Indan, 1-methyl-	132 C10H12	000767-58-8	60



Data Path : Z:\voasrv\HPCHEM1\MSVOA Y\Data\VY012020\
Data File : VY001297.D
Acq On : 20 Jan 2020 15:48
Operator : SY/MD
Sample : L1190-01
Misc : 7.55G/5ML/MSVOA Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TSP-02

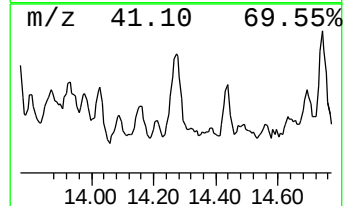
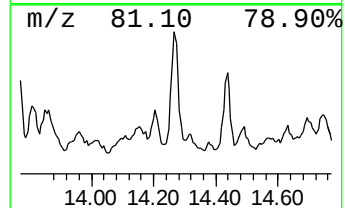
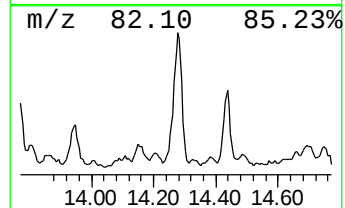
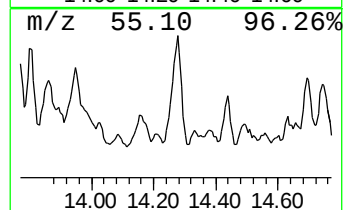
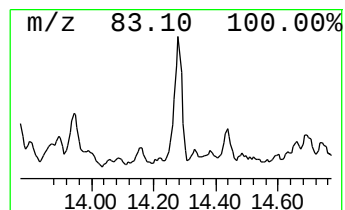
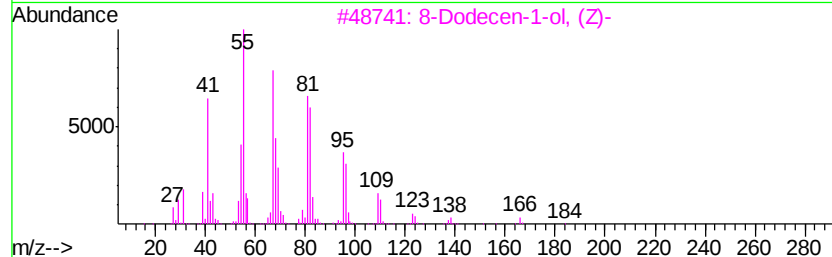
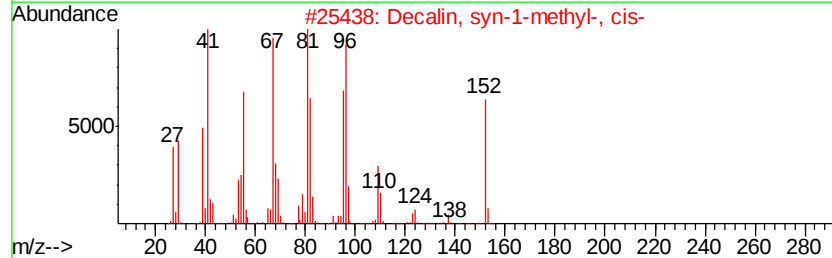
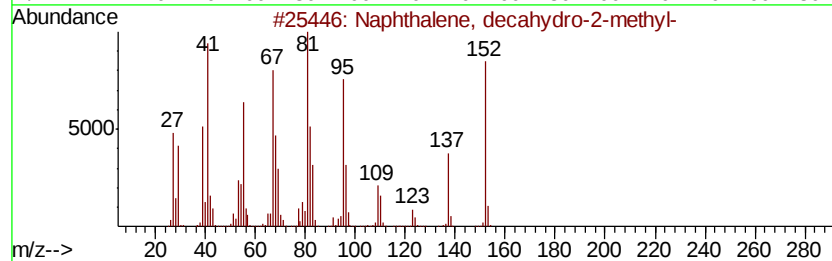
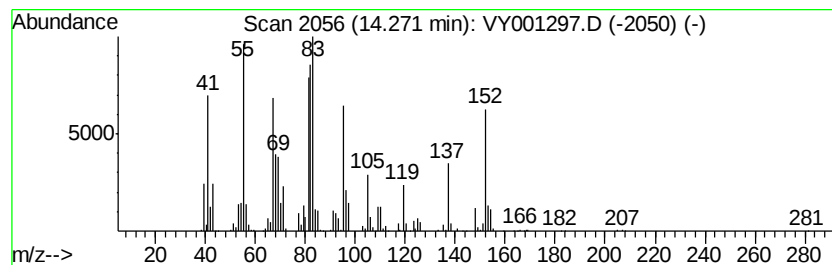
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Quant Title : SW846 8260

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

Peak Number 11 Naphthalene, decahydro-2-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.27	45.07 ug/l	587013	1,4-Dichlorobenzene-d4	13.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	96
2		Decalin, syn-1-methyl-, cis-	152	C11H20	1000158-89-1	45
3		8-Dodecen-1-ol, (Z)-	184	C12H24O	040642-40-8	42
4		Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	38
5		Cyclohexane, (1-methylbutyl)-	154	C11H22	061208-94-4	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA Y\Data\VY012020\
Data File : VY001297.D
Acq On : 20 Jan 2020 15:48
Operator : SY/MD
Sample : L1190-01
Misc : 7.55G/5ML/MSVOA Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TSP-02

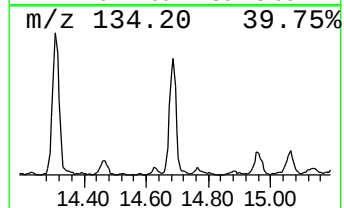
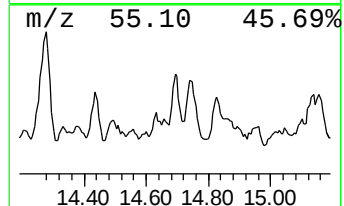
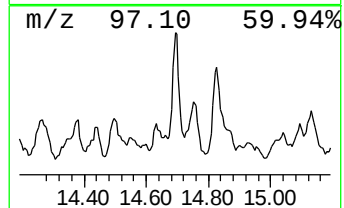
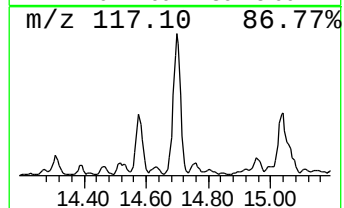
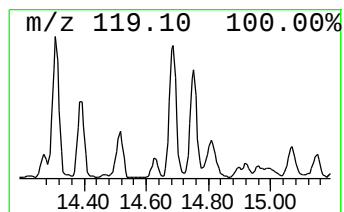
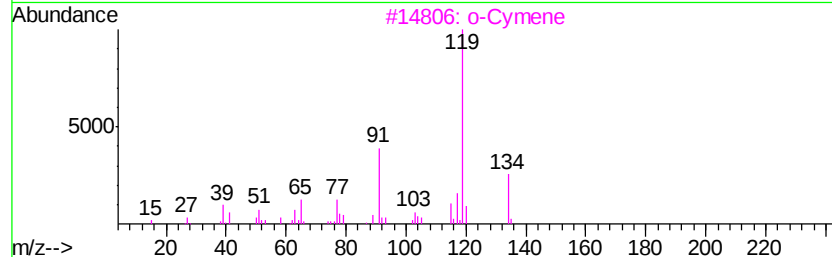
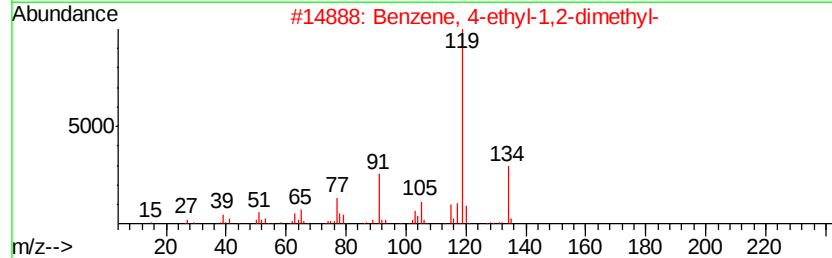
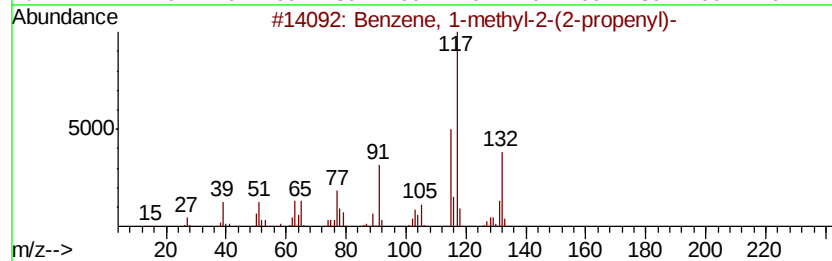
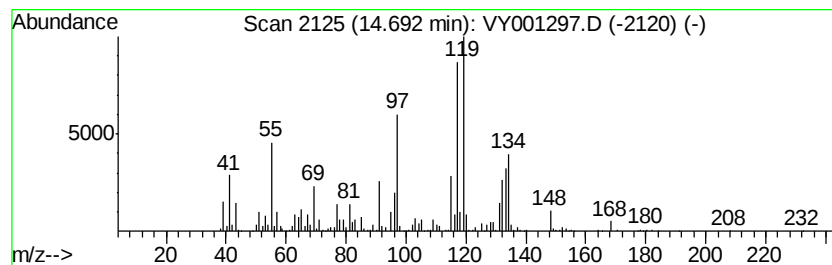
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Quant Title : SW846 8260

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

Peak Number 13 Benzene, 1-methyl-2-(2-prop... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	38.21 ug/l	497669	1,4-Dichlorobenzene-d4	13.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	56
2		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	42
3		o-Cymene	134	C10H14	000527-84-4	42
4		Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	38
5		1-Phenyl-1-butene	132	C10H12	000824-90-8	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA Y\Data\VY012020\
Data File : VY001297.D
Acq On : 20 Jan 2020 15:48
Operator : SY/MD
Sample : L1190-01
Misc : 7.55G/5ML/MSVOA Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TSP-02

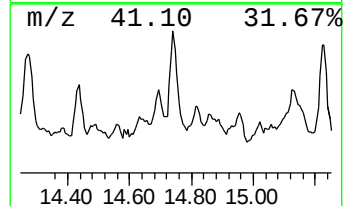
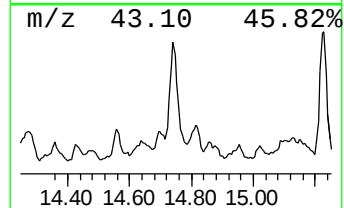
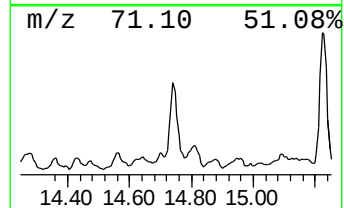
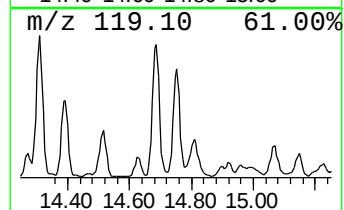
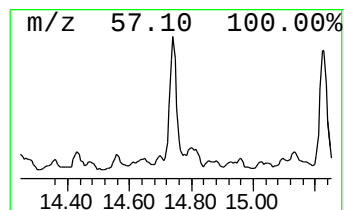
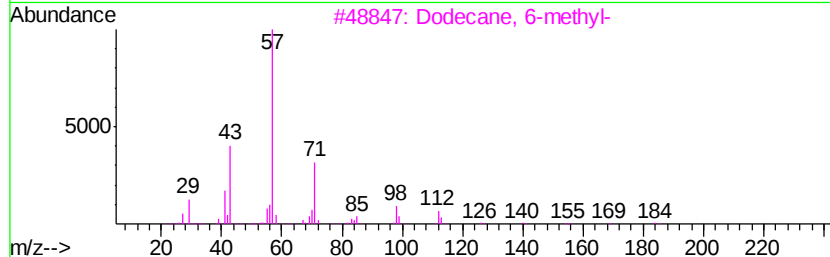
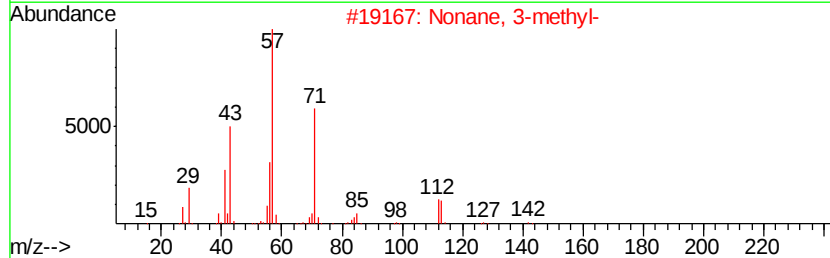
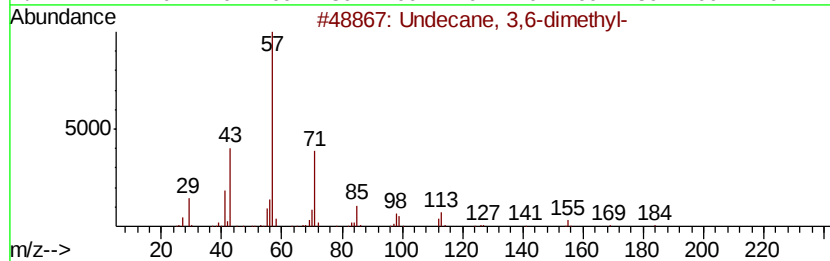
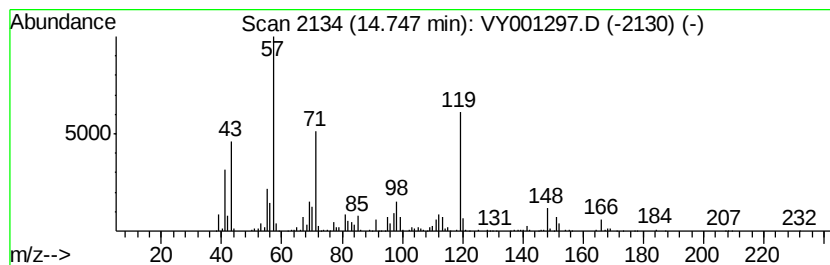
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Quant Title : SW846 8260

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

Peak Number 14 unknown14.75 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.75	41.30 ug/l	537929	1,4-Dichlorobenzene-d4	13.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	41
2		Nonane, 3-methyl-	142	C10H22	005911-04-6	38
3		Dodecane, 6-methyl-	184	C13H28	006044-71-9	35
4		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	35
5		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA Y\Data\VY012020\
Data File : VY001297.D
Acq On : 20 Jan 2020 15:48
Operator : SY/MD
Sample : L1190-01
Misc : 7.55G/5ML/MSVOA Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TSP-02

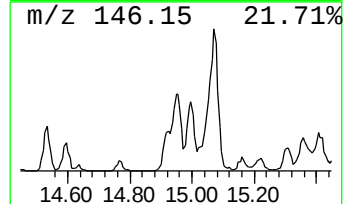
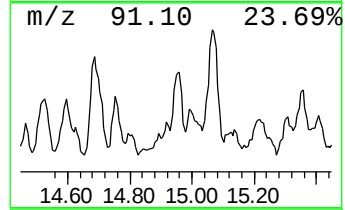
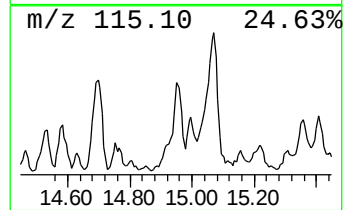
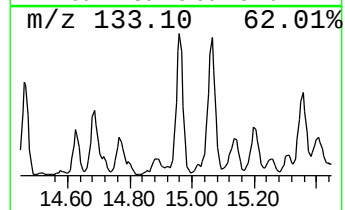
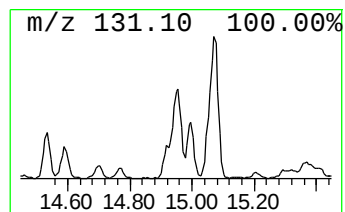
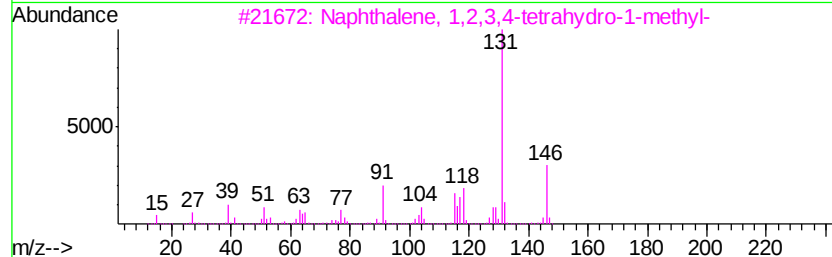
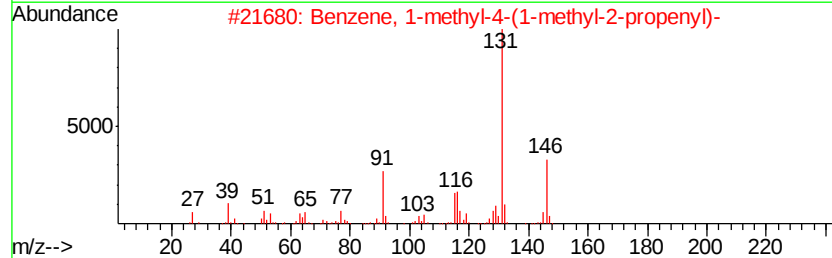
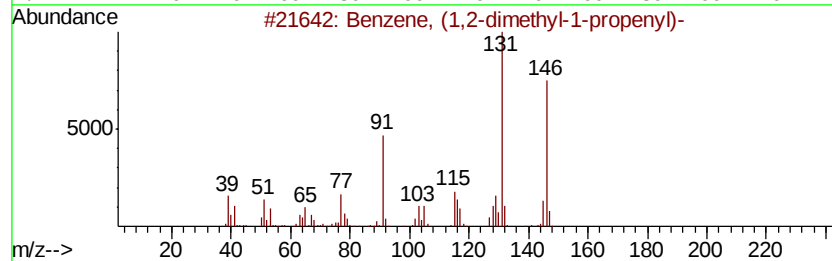
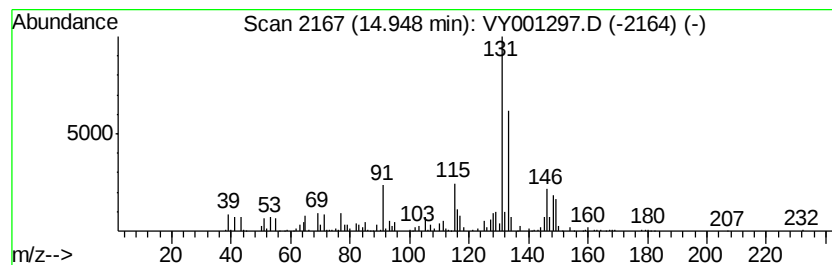
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Quant Title : SW846 8260

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

Peak Number 15 Benzene, (1,2-dimethyl-1-propenyl)- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.95	22.93 ug/l	298625	1,4-Dichlorobenzene-d4	13.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	90
2		Benzene, 1-methyl-4-(1-methyl-2-propenyl)-	146	C11H14	097664-18-1	50
3		Naphthalene, 1,2,3,4-tetrahydro-1-methyl-	146	C11H14	001559-81-5	50
4		Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	50
5		1H-Indene, 2,3-dihydro-1,6-dimethyl-	146	C11H14	017059-48-2	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA Y\Data\VY012020\
Data File : VY001297.D
Acq On : 20 Jan 2020 15:48
Operator : SY/MD
Sample : L1190-01
Misc : 7.55G/5ML/MSVOA Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TSP-02

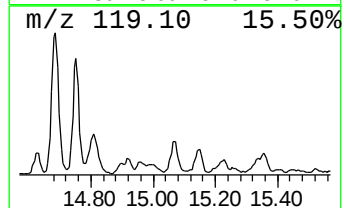
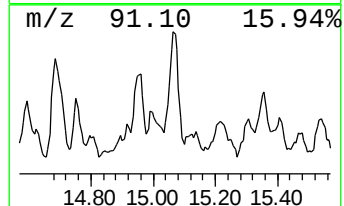
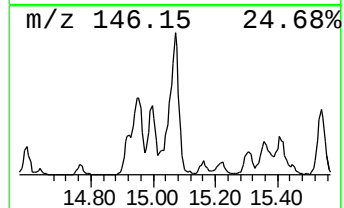
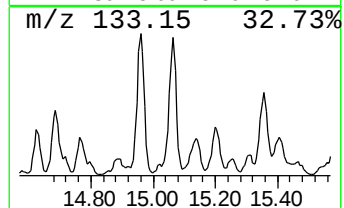
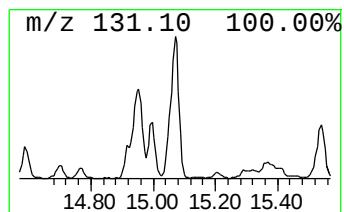
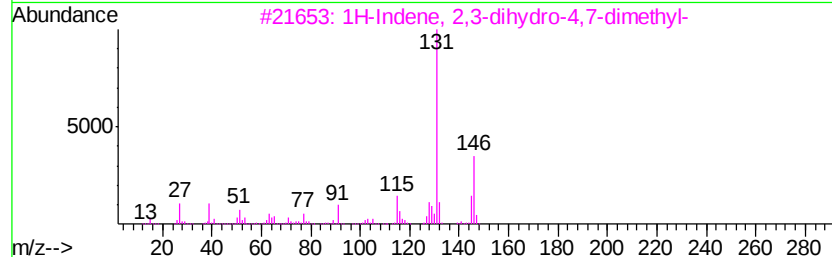
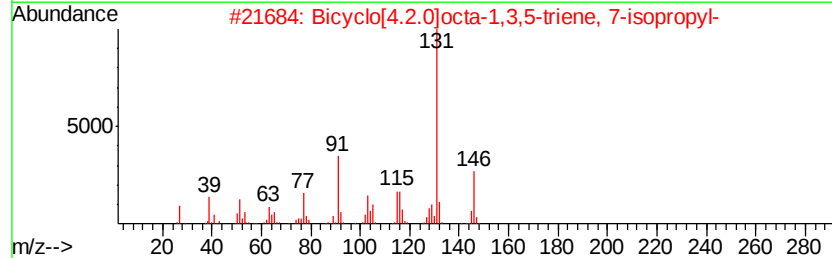
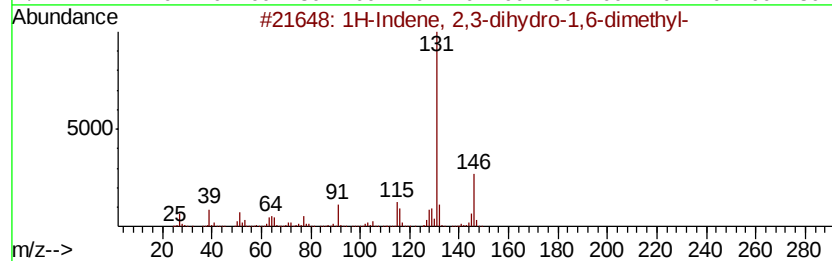
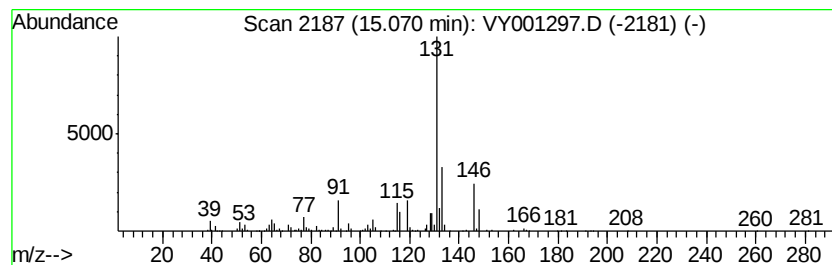
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
Quant Title : SW846 8260

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

Peak Number 16 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	24.35 ug/l	317126	1,4-Dichlorobenzene-d4	13.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	76
2		Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	76
3		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	76
4		1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	76
5		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA Y\Data\VY012020\
 Data File : VY001297.D
 Acq On : 20 Jan 2020 15:48
 Operator : SY/MD
 Sample : L1190-01
 Misc : 7.55G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TSP-02

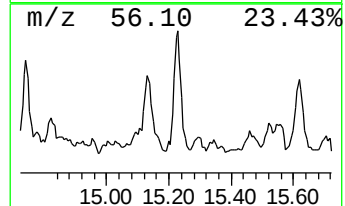
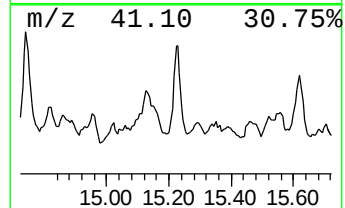
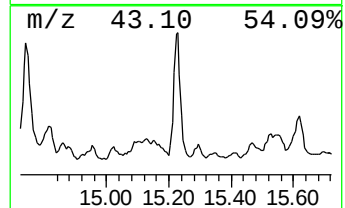
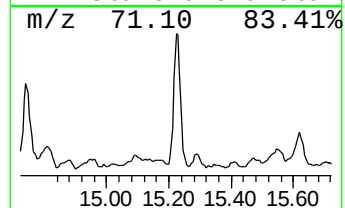
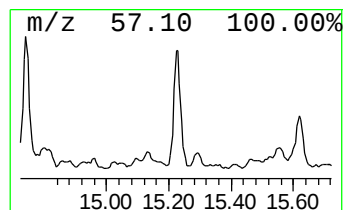
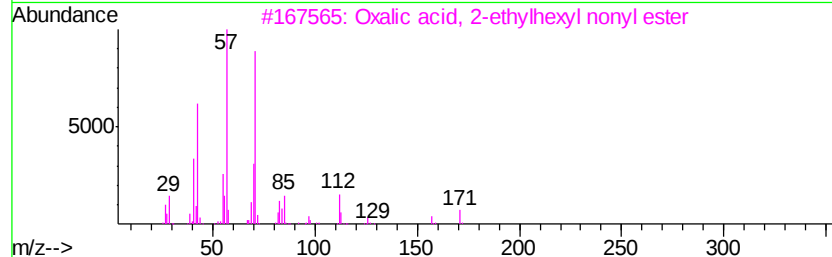
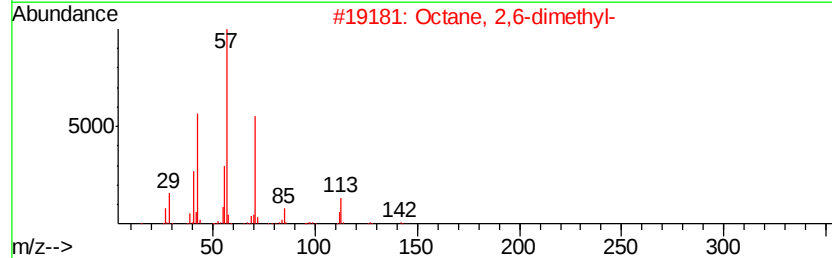
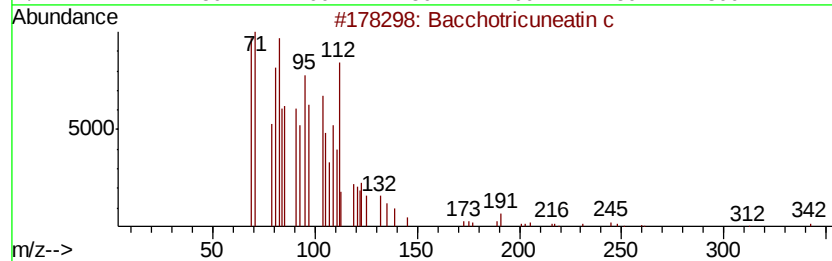
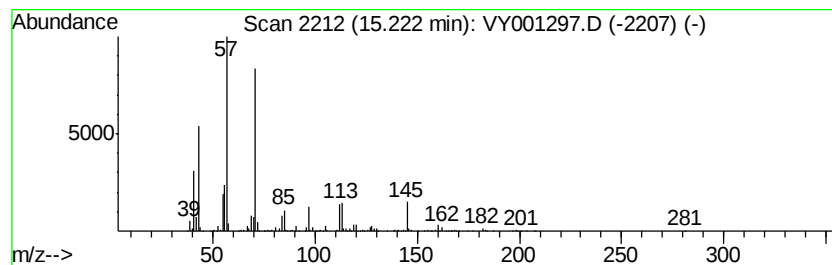
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 Quant Title : SW846 8260

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

 Peak Number 17 Bacchotricuneatin c Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.22	36.09 ug/l	470039	1,4-Dichlorobenzene-d4	13.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	81
2		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
3		Oxalic acid, 2-ethylhexyl nonyl ...	328	C19H36O4	1000309-39-2	59
4		Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	59
5		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA Y\Data\VY012020\
Data File : VY001297.D
Acq On : 20 Jan 2020 15:48
Operator : SY/MD
Sample : L1190-01
Misc : 7.55G/5ML/MSVOA Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TSP-02

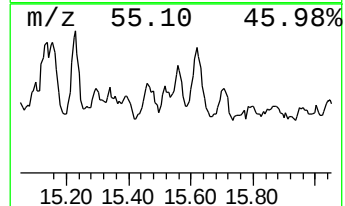
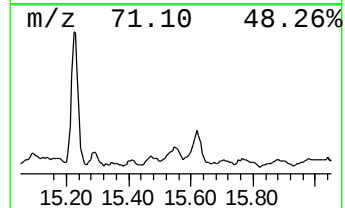
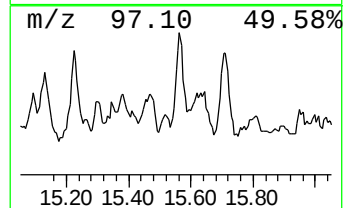
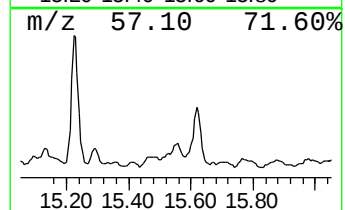
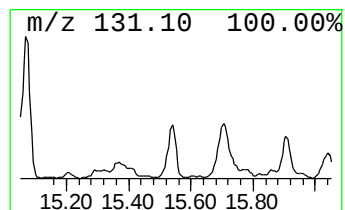
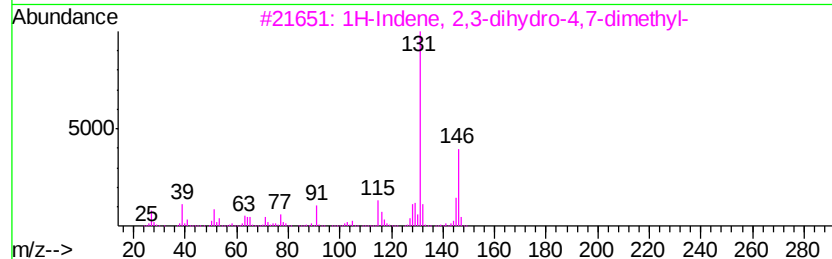
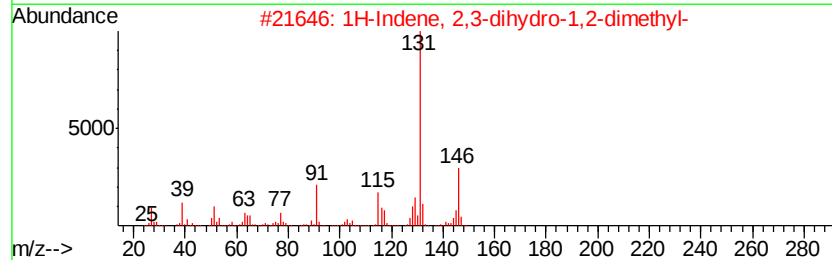
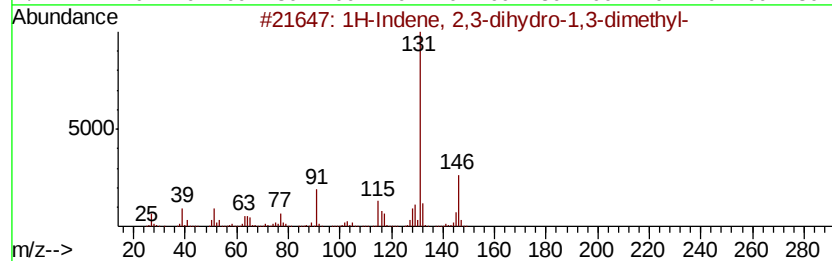
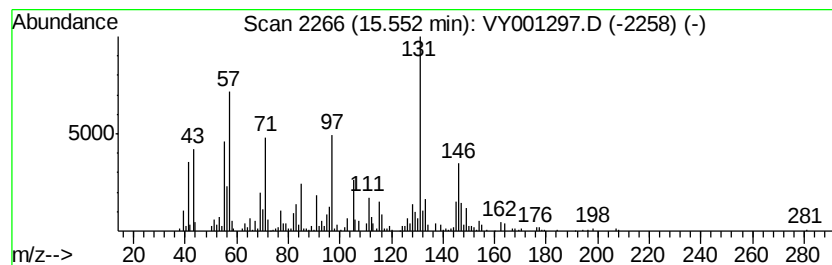
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Quant Title : SW846 8260

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

Peak Number 18 1H-Indene, 2,3-dihydro-1,3-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	23.48 ug/l	305807	1,4-Dichlorobenzene-d4	13.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	89
2		1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	89
3		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	89
4		1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	76
5		Benzene, (2-methyl-1-methylenepre...	146	C11H14	017498-71-4	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA Y\Data\VY012020\
Data File : VY001297.D
Acq On : 20 Jan 2020 15:48
Operator : SY/MD
Sample : L1190-01
Misc : 7.55G/5ML/MSVOA Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TSP-02

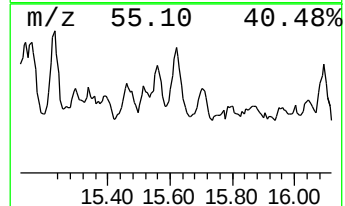
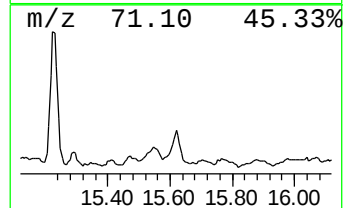
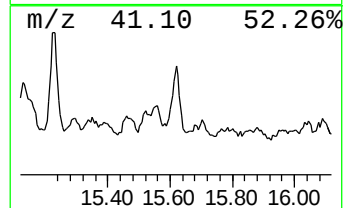
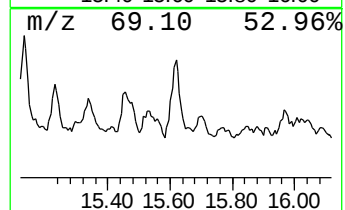
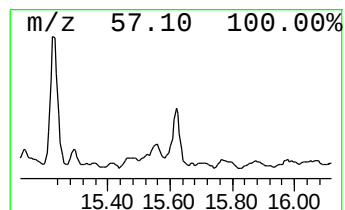
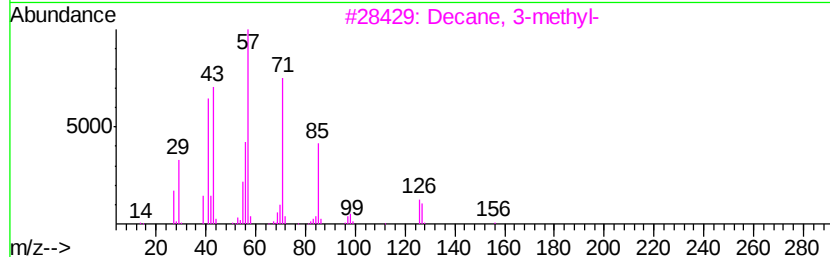
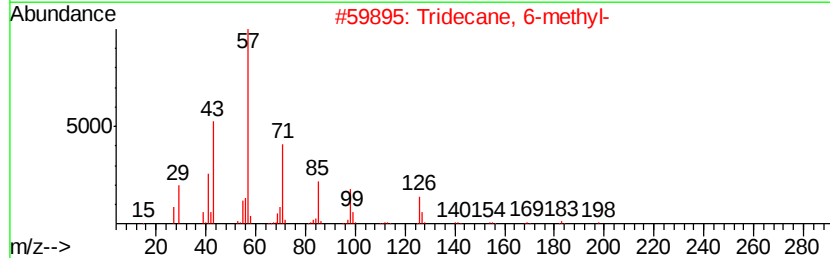
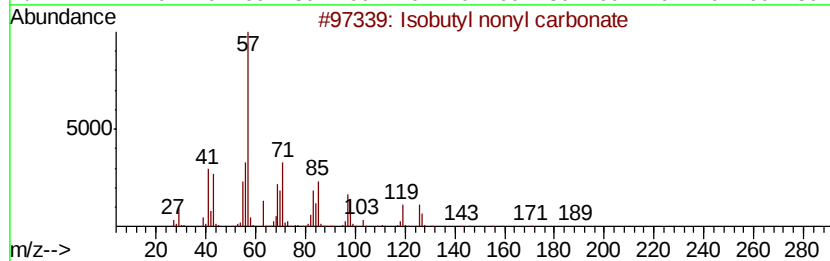
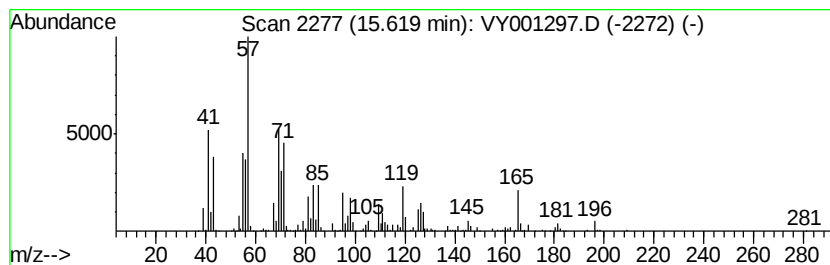
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Quant Title : SW846 8260

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

Peak Number 19 unknown15.62 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.62	23.77 ug/l	309567	1,4-Dichlorobenzene-d4	13.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Isobutyl nonyl carbonate	244	C14H28O3	959311-27-4	46
2		Tridecane, 6-methyl-	198	C14H30	013287-21-3	41
3		Decane, 3-methyl-	156	C11H24	013151-34-3	35
4		Nonane, 5-(1-methylpropyl)-	184	C13H28	062185-54-0	35
5		5,5,7,7-Tetraethylundecane	268	C19H40	1000360-42-0	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA Y\Data\VY012020\
Data File : VY001297.D
Acq On : 20 Jan 2020 15:48
Operator : SY/MD
Sample : L1190-01
Misc : 7.55G/5ML/MSVOA Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TSP-02

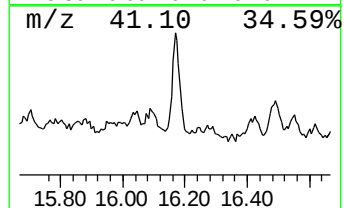
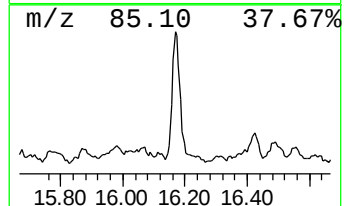
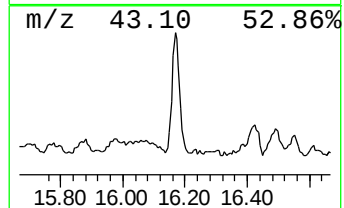
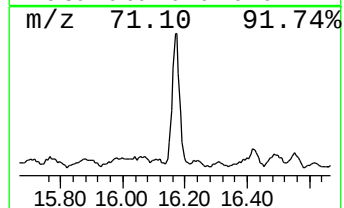
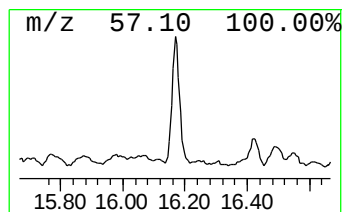
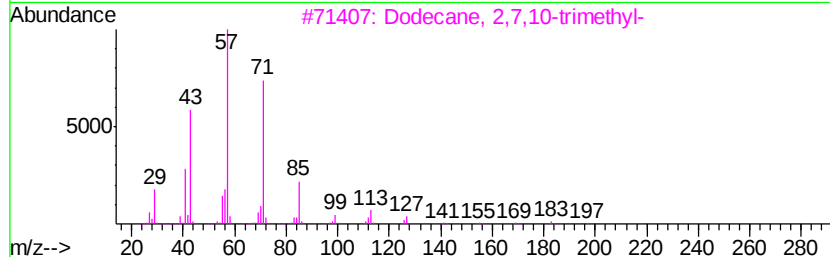
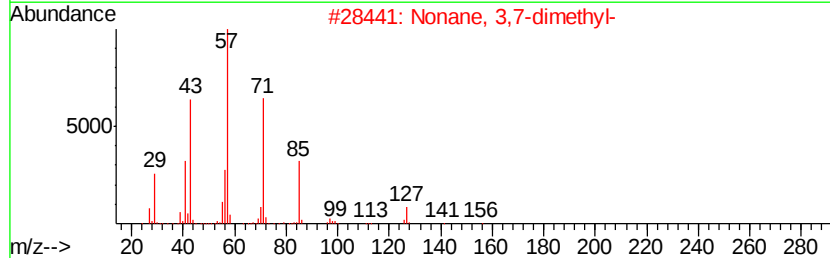
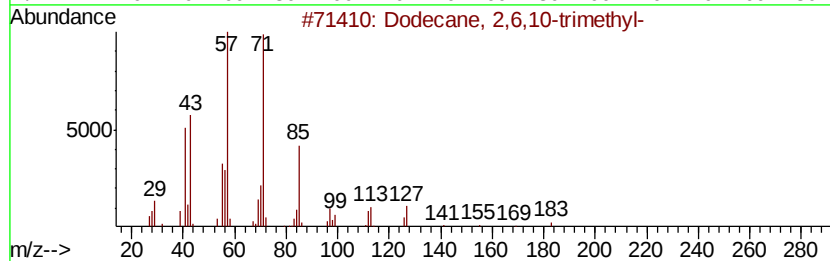
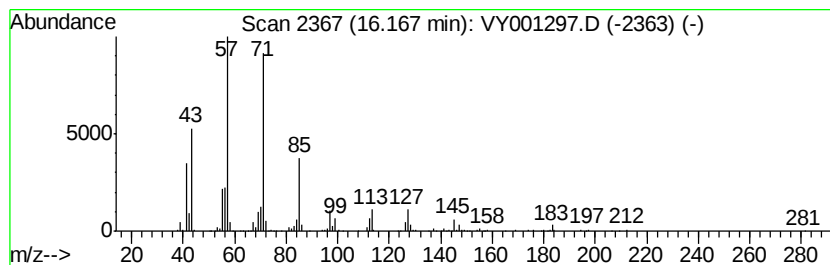
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
Quant Title : SW846 8260

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

Peak Number 20 Dodecane, 2,6,10-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.17	28.12 ug/l	366240	1,4-Dichlorobenzene-d4	13.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	91
2		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	87
3		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
4		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	78
5		Tetradecane, 4-methyl-	212	C15H32	025117-24-2	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012020\
 Data File : VY001297.D
 Acq On : 20 Jan 2020 15:48
 Operator : SY/MD
 Sample : L1190-01
 Misc : 7.55G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TSP-02

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.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-et...	12.02	22.3	ug/l	419858	3	11.50	940486	50.0
unknown12.58	12.58	19.5	ug/l	253548	4	13.44	651197	50.0
Cyclopentane, butyl-	12.66	42.4	ug/l	551650	4	13.44	651197	50.0
unknown12.74	12.74	22.8	ug/l	296793	4	13.44	651197	50.0
Cyclohexane, 1,1-...	12.82	47.4	ug/l	617002	4	13.44	651197	50.0
Decane, 4-methyl-	13.05	41.0	ug/l	533573	4	13.44	651197	50.0
Cyclohexane, butyl-	13.33	40.6	ug/l	529363	4	13.44	651197	50.0
Naphthalene, deca...	13.76	56.6	ug/l	736708	4	13.44	651197	50.0
o-Cymene	13.98	17.5	ug/l	227601	4	13.44	651197	50.0
1-Phenyl-1-butene	14.09	23.2	ug/l	302209	4	13.44	651197	50.0
Naphthalene, deca...	14.27	45.1	ug/l	587013	4	13.44	651197	50.0
Benzene, 1-methyl...	14.69	38.2	ug/l	497669	4	13.44	651197	50.0
unknown14.75	14.75	41.3	ug/l	537929	4	13.44	651197	50.0
Benzene, (1,2-dim...	14.95	22.9	ug/l	298625	4	13.44	651197	50.0
1H-Indene, 2,3-di...	15.07	24.4	ug/l	317126	4	13.44	651197	50.0
Bacchotricuneatin c	15.22	36.1	ug/l	470039	4	13.44	651197	50.0
1H-Indene, 2,3-di...	15.55	23.5	ug/l	305807	4	13.44	651197	50.0
unknown15.62	15.62	23.8	ug/l	309567	4	13.44	651197	50.0
Dodecane, 2,6,10-...	16.17	28.1	ug/l	366240	4	13.44	651197	50.0