

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011322\
 Data File : VY007150.D
 Acq On : 13 Jan 2022 19:24
 Operator : SY/MD
 Sample : N1119-05
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EAST-AREA-BOTTOM

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 >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
 Title : SW846 8260

Signal : TIC: VY007150.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.978	836	846	861	rBV3	23461	68880	1.07%	0.135%
2	7.716	957	967	973	rBV	63327	153214	2.38%	0.300%
3	7.789	973	979	988	rVB	111137	251075	3.91%	0.492%
4	8.136	1025	1036	1048	rVB	57705	132140	2.06%	0.259%
5	8.685	1118	1126	1137	rBV	169887	337421	5.25%	0.661%
6	10.179	1363	1371	1385	rVB	293085	509389	7.93%	0.998%
7	10.715	1452	1459	1468	rVB	2515315	4313438	67.14%	8.452%
8	10.904	1480	1490	1497	rBV	33611	76356	1.19%	0.150%
9	11.038	1506	1512	1516	rBV	47473	74933	1.17%	0.147%
10	11.087	1516	1520	1525	rVB	62755	103762	1.62%	0.203%
11	11.203	1533	1539	1543	rBV	65694	114313	1.78%	0.224%
12	11.276	1543	1551	1562	rVB3	327944	773038	12.03%	1.515%
13	11.380	1562	1568	1578	rBV	377489	630313	9.81%	1.235%
14	11.489	1578	1586	1594	rBV2	254615	470981	7.33%	0.923%
15	11.709	1612	1622	1624	rBV4	418979	900037	14.01%	1.764%
16	11.733	1624	1626	1631	rVB	283737	383888	5.98%	0.752%
17	11.782	1631	1634	1639	rVB	237547	354014	5.51%	0.694%
18	11.898	1645	1653	1654	rBV2	73459	152478	2.37%	0.299%
19	11.934	1654	1659	1663	rVB2	281427	470708	7.33%	0.922%
20	12.008	1663	1671	1676	rBV4	738418	1629300	25.36%	3.193%
21	12.056	1676	1679	1682	rVB	162721	178245	2.77%	0.349%
22	12.123	1686	1690	1694	rVB	671890	911462	14.19%	1.786%
23	12.203	1694	1703	1706	rBV4	572648	1331196	20.72%	2.608%
24	12.245	1706	1710	1715	rVB3	625301	1088927	16.95%	2.134%
25	12.331	1720	1724	1727	rBV3	246760	456939	7.11%	0.895%
26	12.386	1728	1733	1734	rVV4	213973	344567	5.36%	0.675%
27	12.416	1734	1738	1741	rVV	565264	832098	12.95%	1.630%
28	12.483	1745	1749	1752	rBV4	263413	408553	6.36%	0.801%
29	12.526	1752	1756	1759	rVB	386041	453819	7.06%	0.889%
30	12.568	1759	1763	1767	rVB4	143907	253848	3.95%	0.497%
31	12.642	1767	1775	1777	rBV3	414123	687421	10.70%	1.347%
32	12.733	1784	1790	1793	rBV	1842736	2921944	45.48%	5.726%
33	12.770	1793	1796	1798	rVV	805057	1177786	18.33%	2.308%
34	12.812	1798	1803	1808	rVB2	2603108	4275182	66.54%	8.377%
35	12.861	1808	1811	1817	rVB2	323408	466829	7.27%	0.915%
36	12.953	1821	1826	1828	rBV3	345652	569128	8.86%	1.115%

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37	13.038	1837	1840	1844	rBV2	500961	637652	9.93%	1.249%
38	13.117	1848	1853	1859	rVB	4179435	6424656	100.00%	12.589%
39	13.166	1859	1861	1866	rVB3	169769	205430	3.20%	0.403%
40	13.245	1867	1874	1879	rVB6	338955	840870	13.09%	1.648%
41	13.318	1879	1886	1890	rBV2	936927	1643256	25.58%	3.220%
42	13.367	1890	1894	1897	rVV2	461649	602563	9.38%	1.181%
43	13.459	1901	1909	1914	rVB	1323850	2362690	36.78%	4.630%
44	13.501	1914	1916	1918	rBV	68723	74912	1.17%	0.147%
45	13.593	1927	1931	1933	rBV	325940	487765	7.59%	0.956%
46	13.623	1933	1936	1939	rVV	898783	1223911	19.05%	2.398%
47	13.666	1939	1943	1952	rVB3	959067	1906739	29.68%	3.736%
48	13.751	1952	1957	1962	rBV3	437197	727834	11.33%	1.426%
49	13.824	1962	1969	1974	rBV	405382	631265	9.83%	1.237%
50	13.885	1974	1979	1981	rVV	361803	519033	8.08%	1.017%
51	13.916	1981	1984	1989	rVV	516631	731986	11.39%	1.434%
52	13.971	1989	1993	1998	rVB	518787	736445	11.46%	1.443%
53	14.074	2005	2010	2015	rVB2	379176	628461	9.78%	1.231%
54	14.129	2015	2019	2027	rVB5	101189	243079	3.78%	0.476%
55	14.214	2027	2033	2037	rBV2	184380	321533	5.00%	0.630%
56	14.294	2037	2046	2050	rVV3	188723	458584	7.14%	0.899%
57	14.336	2050	2053	2057	rVB	217001	284946	4.44%	0.558%
58	14.379	2057	2060	2064	rBV2	126088	166842	2.60%	0.327%
59	14.519	2078	2083	2087	rVB5	49107	101075	1.57%	0.198%
60	14.568	2087	2091	2095	rBV3	33892	72104	1.12%	0.141%
61	14.611	2095	2098	2103	rVB2	82523	114974	1.79%	0.225%
62	14.672	2103	2108	2115	rBV3	190268	377679	5.88%	0.740%
63	14.733	2115	2118	2124	rVB3	43578	70213	1.09%	0.138%
64	14.946	2148	2153	2157	rBV3	43030	73792	1.15%	0.145%
65	15.233	2190	2200	2206	rVB	45543	105488	1.64%	0.207%

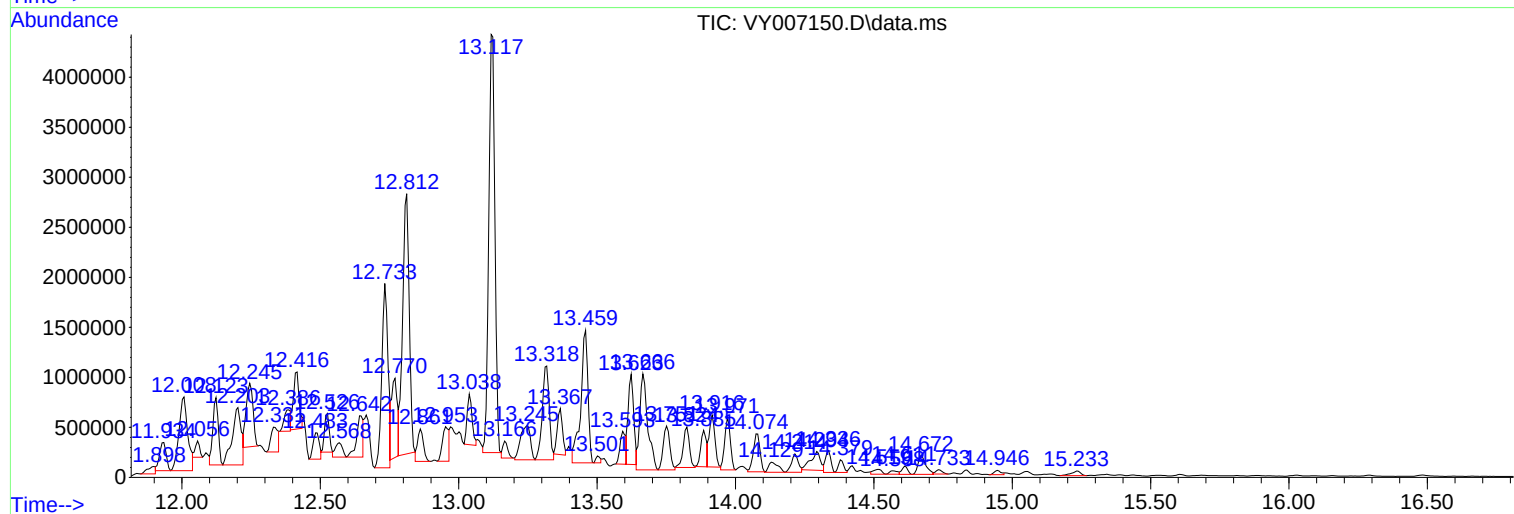
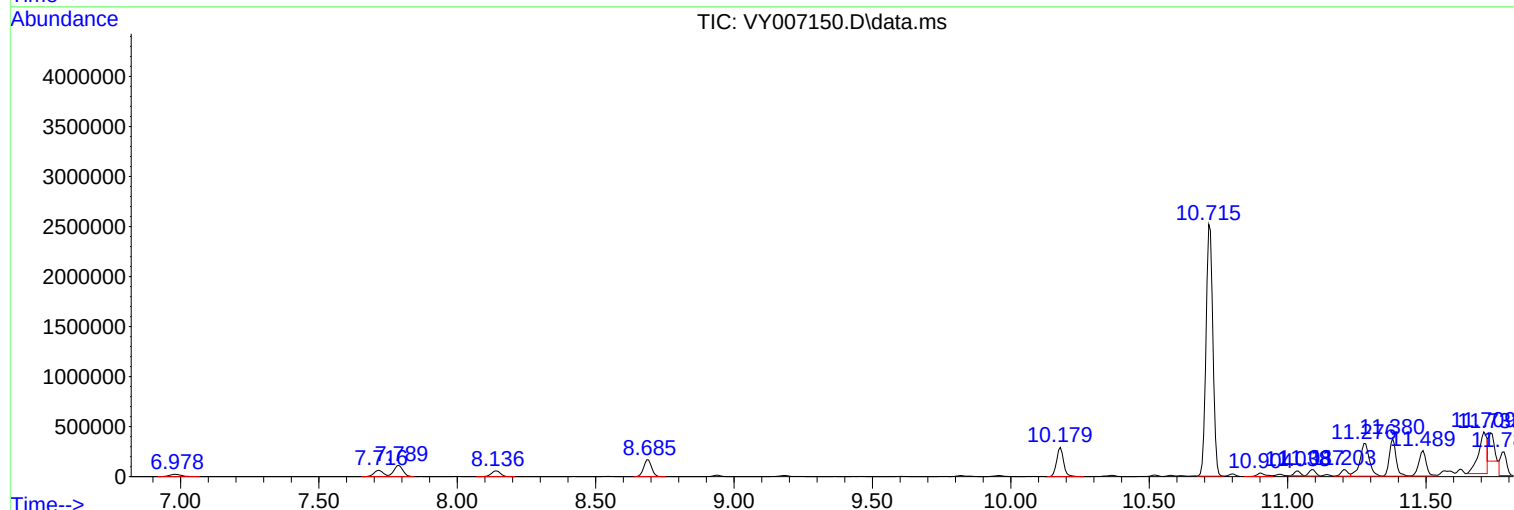
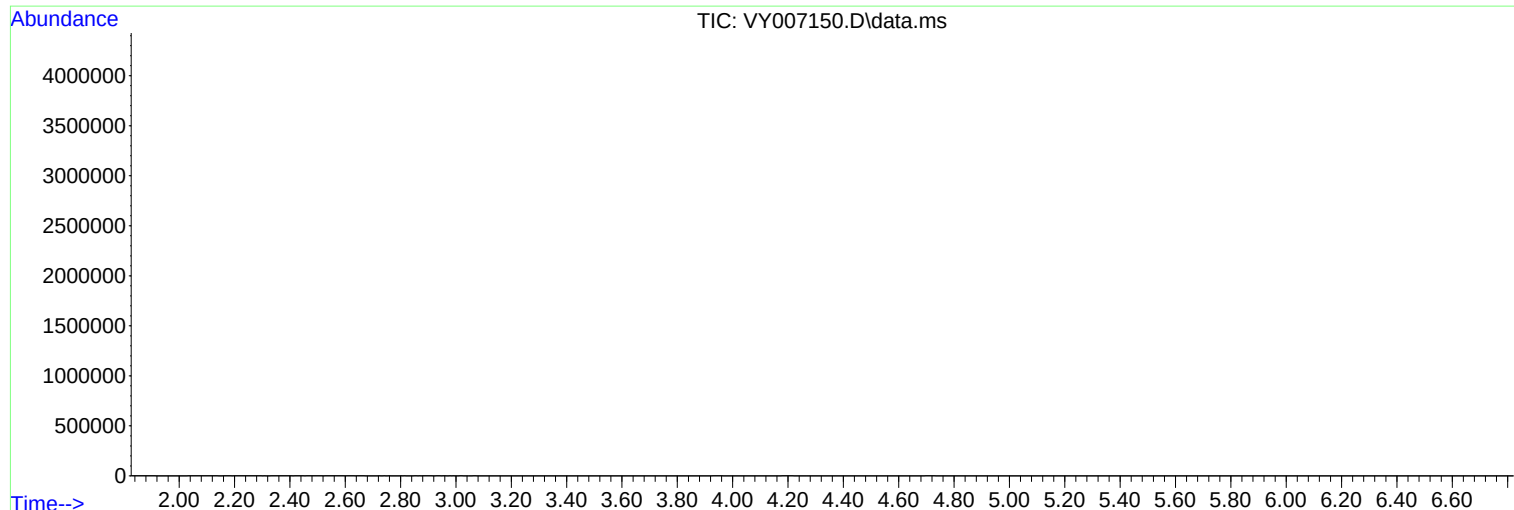
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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Instrument :
MSVOA_Y
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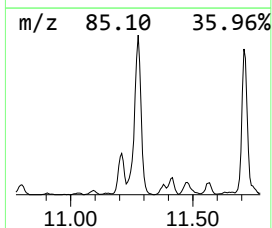
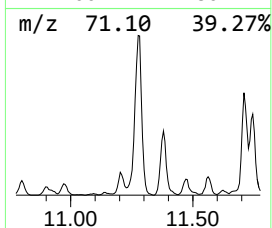
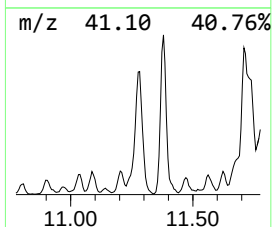
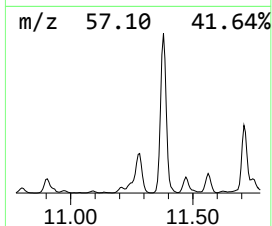
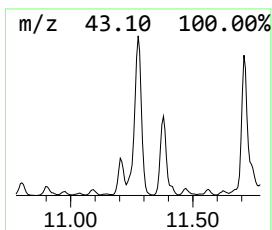
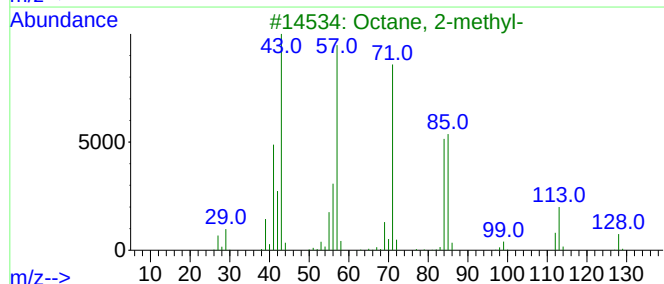
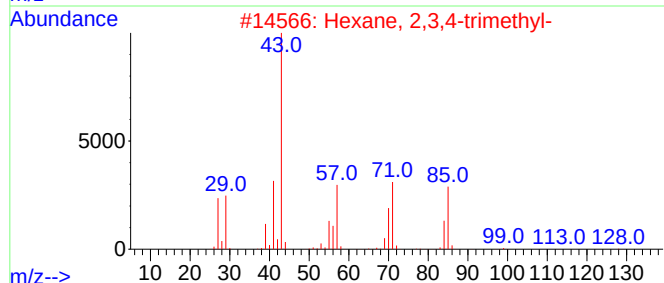
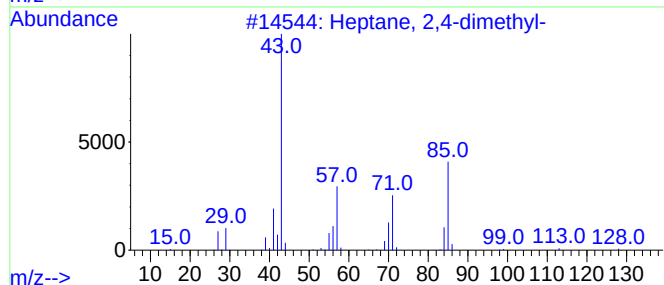
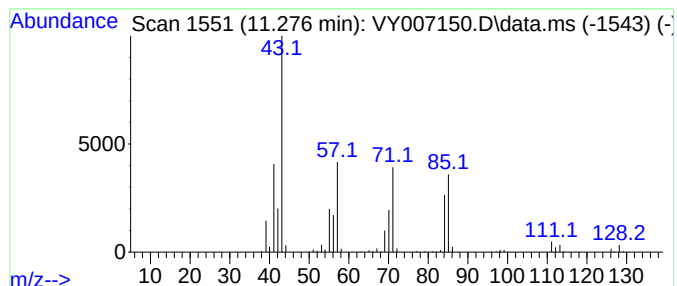
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Heptane, 2,4-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.276	82.07 ug/l	773038	Chlorobenzene-d5	11.489

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	64
2			Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	59
3			Octane, 2-methyl-	128	C9H20	003221-61-2	59
4			Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	50
5			Ether, hexyl pentyl	172	C11H24O	032357-83-8	50



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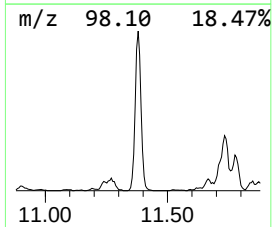
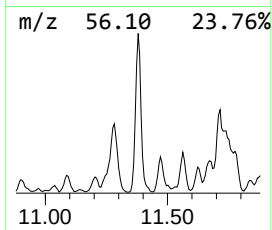
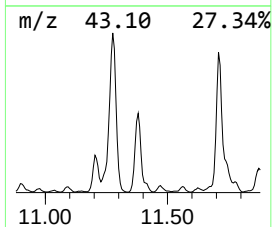
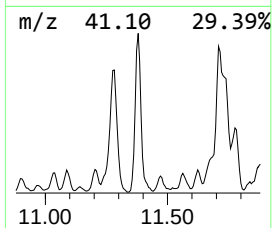
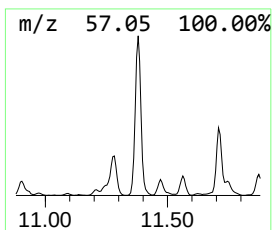
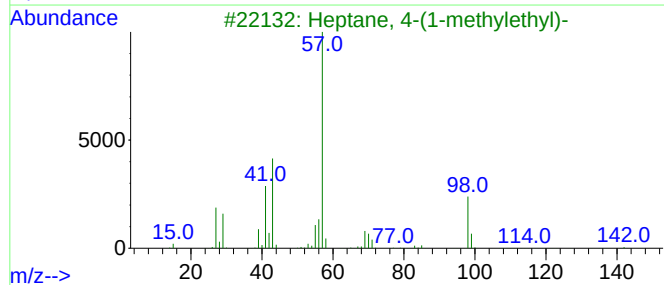
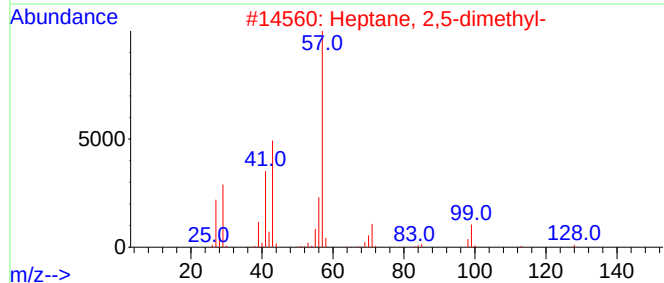
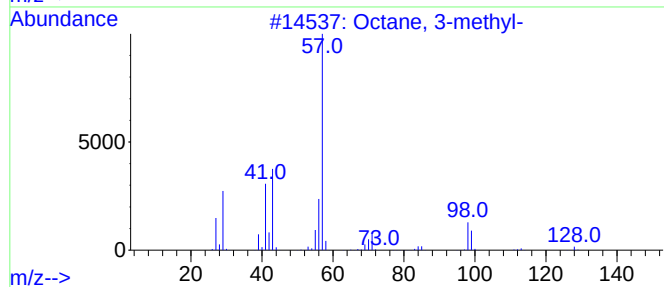
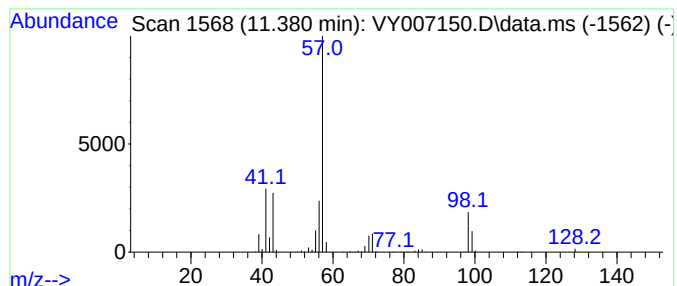
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
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Peak Number 2 Octane, 3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.380	66.91 ug/l	630313	Chlorobenzene-d5	11.489

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 3-methyl-	128	C9H20	002216-33-3	91
2			Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	83
3			Heptane, 4-(1-methylethyl)-	142	C10H22	052896-87-4	64
4			Heptane, 3-ethyl-	128	C9H20	015869-80-4	50
5			Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	49



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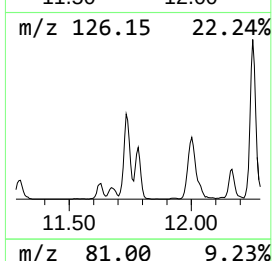
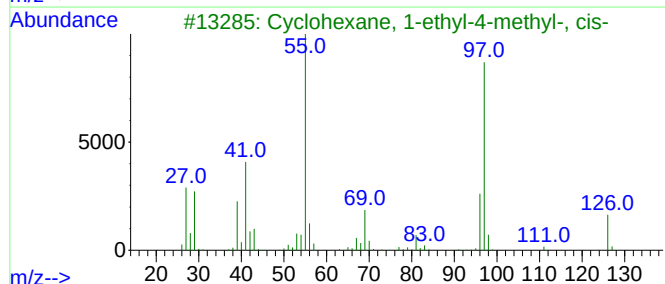
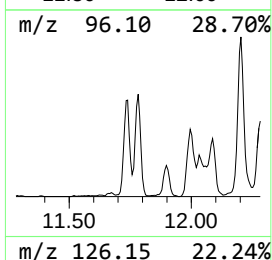
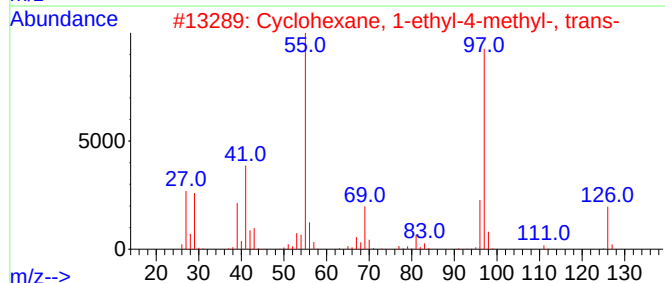
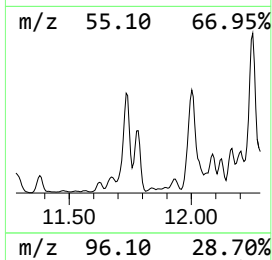
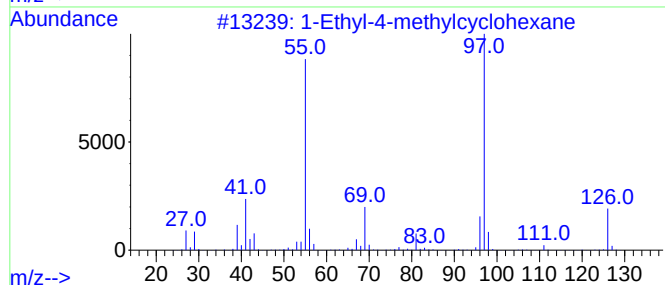
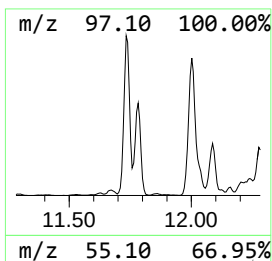
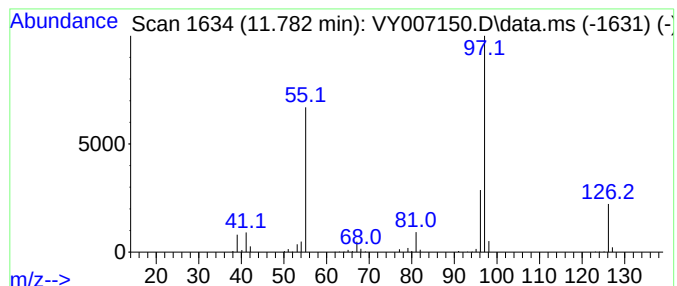
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 1-Ethyl-4-methylcyclohexane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.782	37.58 ug/l	354014	Chlorobenzene-d5	11.489

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	72
2			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	64
3			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	64
4			Furan, 2,3-dihydro-4-(1-methylpr...	126	C8H14O	034379-54-9	64
5			Cyclohexane, 1-bromo-4-methyl-	176	C7H13Br	006294-40-2	53



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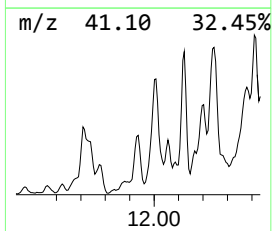
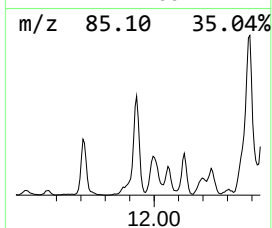
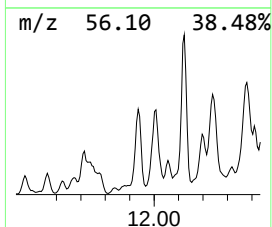
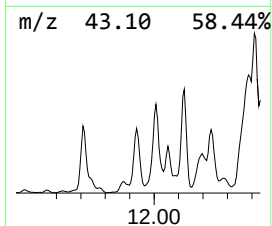
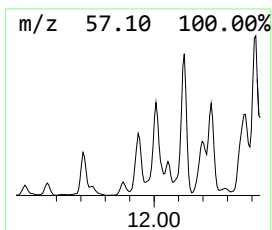
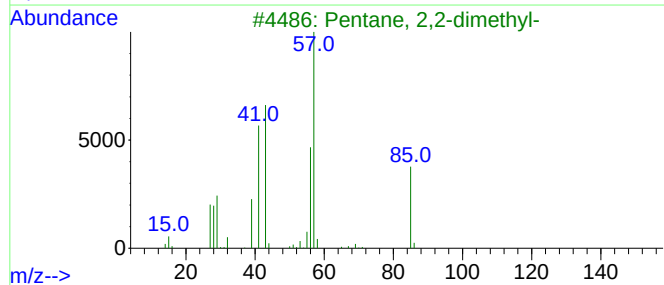
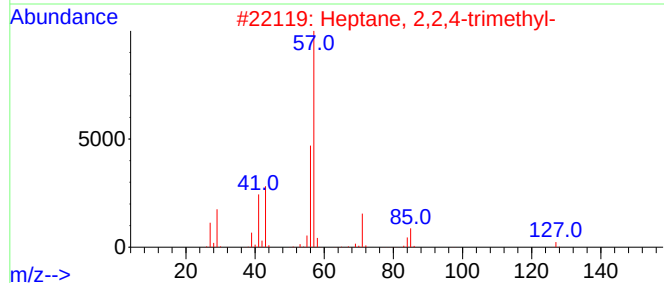
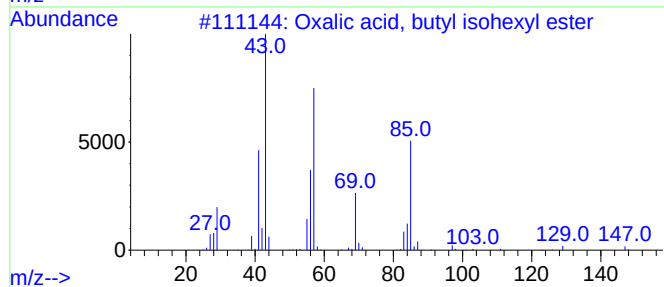
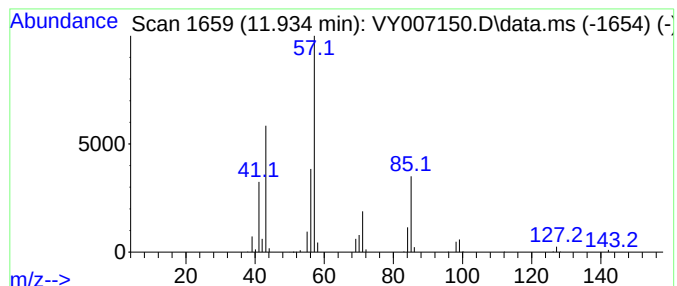
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TIC Library : C:\Database\NIST20.L
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Peak Number 4 Oxalic acid, butyl isohexyl... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.934	49.97 ug/l	470708	Chlorobenzene-d5	11.489

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, butyl isohexyl ester	230	C12H22O4	1000309-32-7	64
2			Heptane, 2,2,4-trimethyl-	142	C10H22	014720-74-2	59
3			Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	53
4			Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	47
5			Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011322\
Data File : VY007150.D
Acq On : 13 Jan 2022 19:24
Operator : SY/MD
Sample : N1119-05
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EAST-AREA-BOTTOM

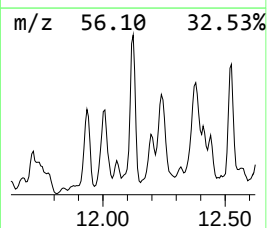
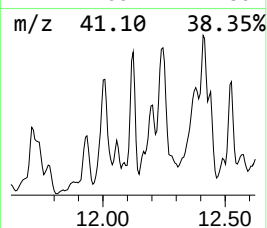
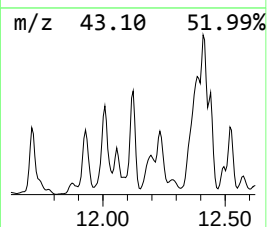
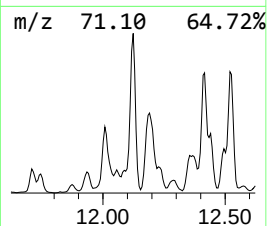
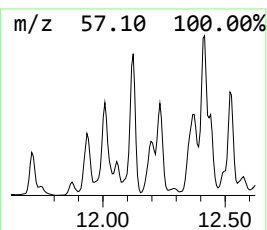
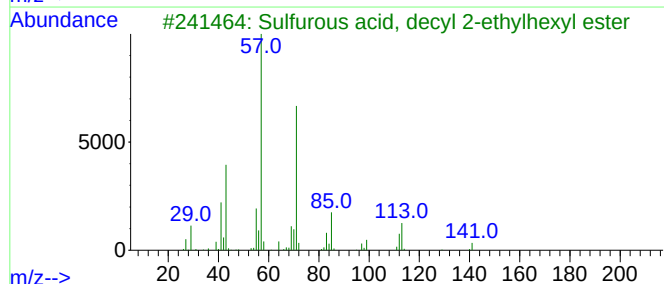
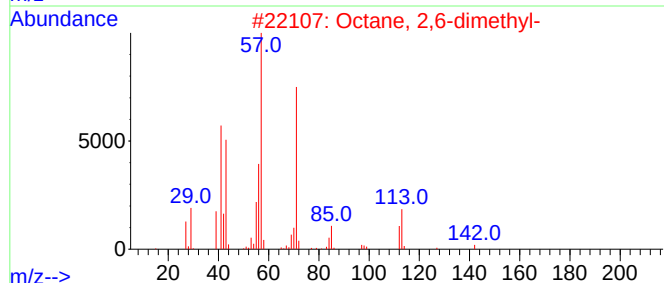
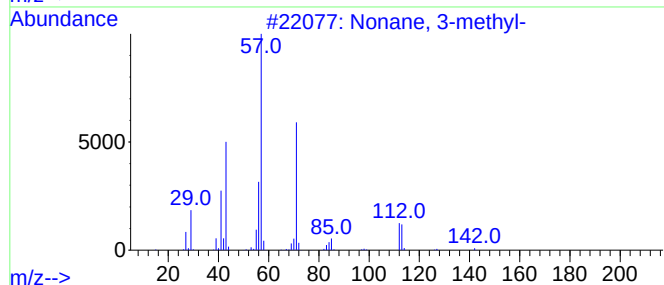
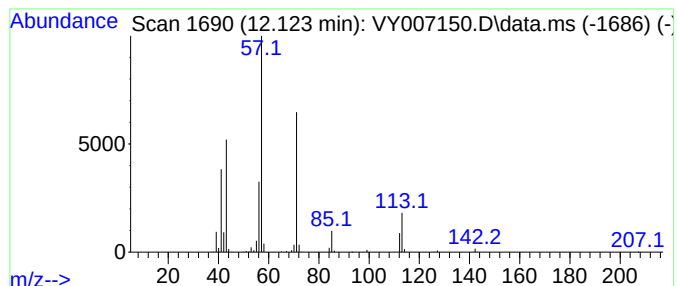
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Nonane, 3-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.123	96.76 ug/l	911462	Chlorobenzene-d5	11.489

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 3-methyl-	142	C10H22	005911-04-6	90
2			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	86
3			Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	64
4			Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	64
5			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011322\
Data File : VY007150.D
Acq On : 13 Jan 2022 19:24
Operator : SY/MD
Sample : N1119-05
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EAST-AREA-BOTTOM

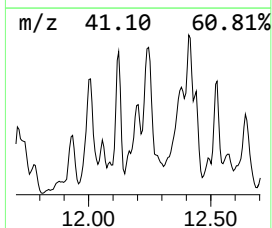
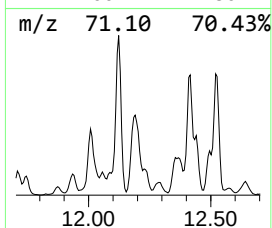
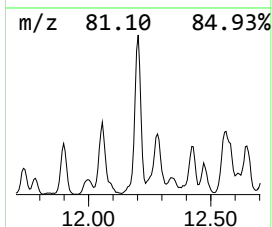
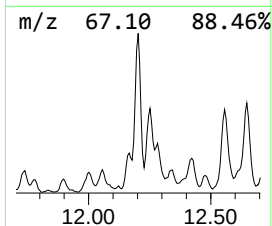
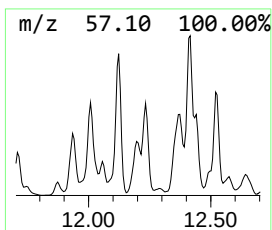
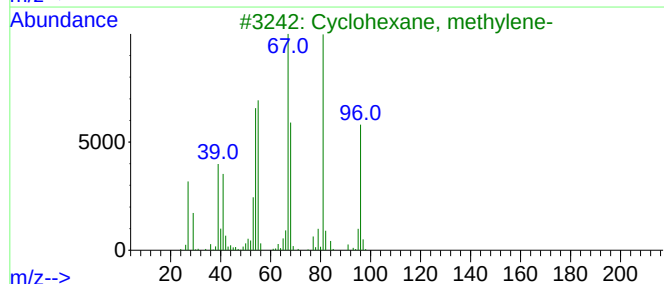
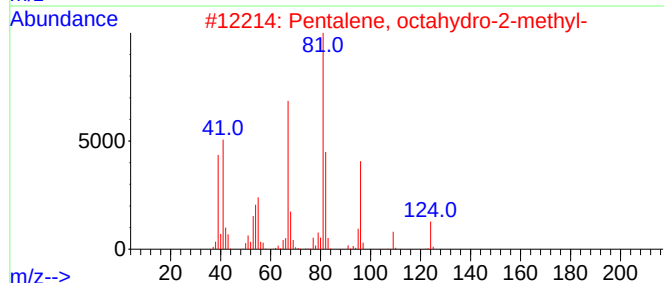
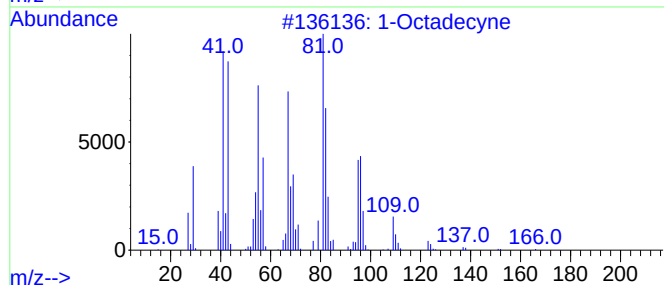
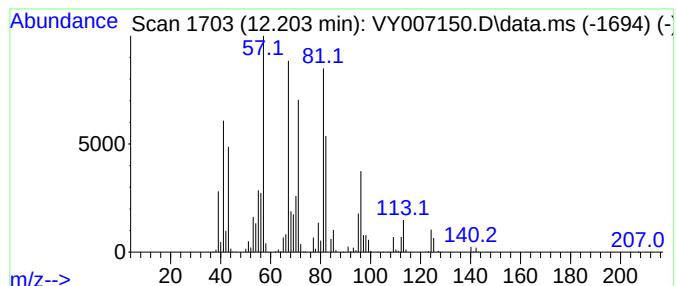
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 unknown12.203 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.203	141.32 ug/l	1331200	Chlorobenzene-d5	11.489

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Octadecyne	250	C18H34	000629-89-0	49
2			Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	49
3			Cyclohexane, methylene-	96	C7H12	001192-37-6	46
4			3-Hepten-2-ol, (E)-	114	C7H14O	067077-39-8	46
5			1H-Indene, octahydro-, trans-	124	C9H16	003296-50-2	45



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011322\
Data File : VY007150.D
Acq On : 13 Jan 2022 19:24
Operator : SY/MD
Sample : N1119-05
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EAST-AREA-BOTTOM

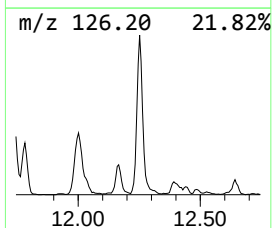
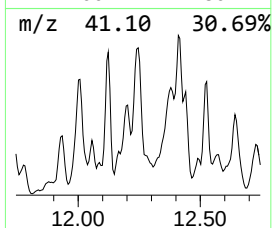
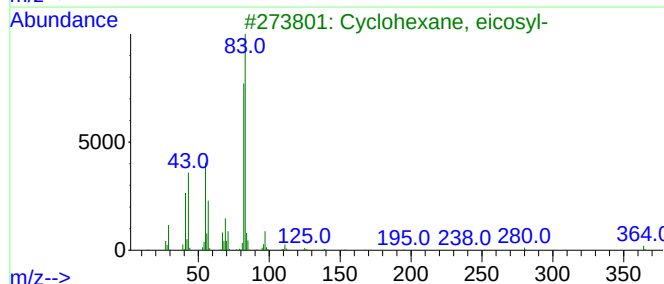
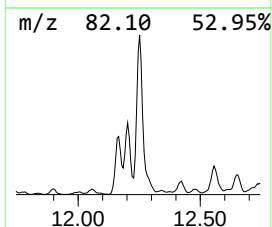
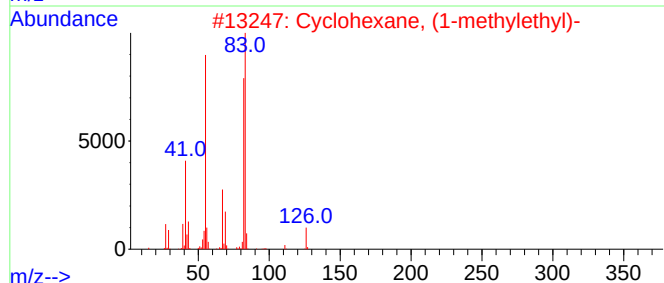
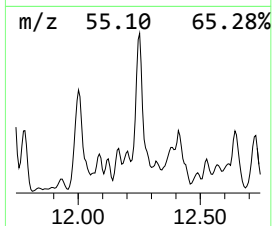
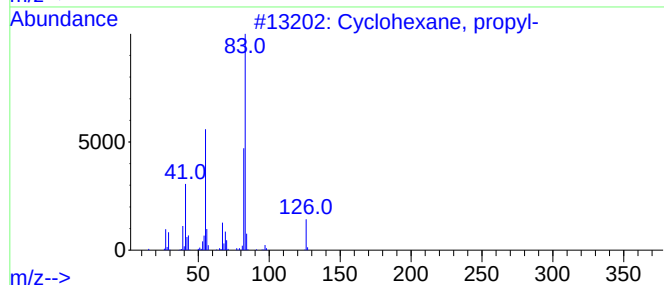
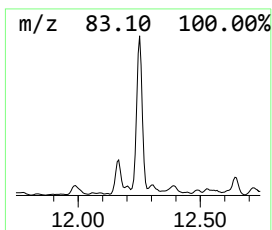
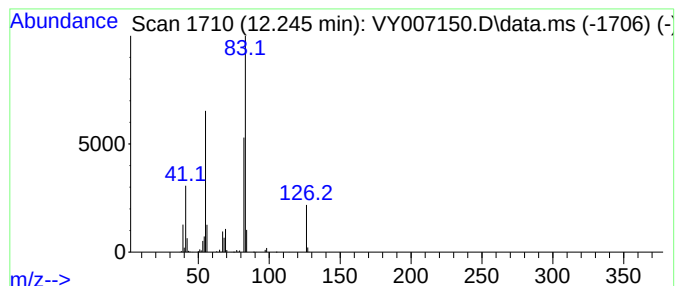
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Cyclohexane, propyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.245	115.60 ug/l	1088930	Chlorobenzene-d5	11.489

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, propyl-	126	C9H18	001678-92-8	90
2			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	78
3			Cyclohexane, eicosyl-	364	C26H52	004443-55-4	64
4			Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	59
5			Cyclohexane, ethyl-	112	C8H16	001678-91-7	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011322\
Data File : VY007150.D
Acq On : 13 Jan 2022 19:24
Operator : SY/MD
Sample : N1119-05
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EAST-AREA-BOTTOM

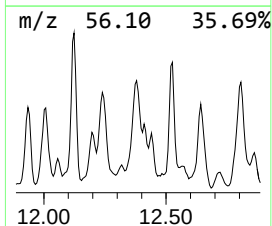
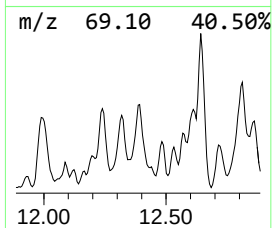
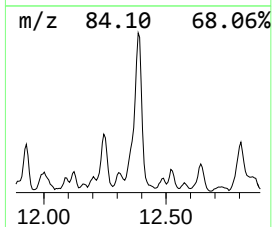
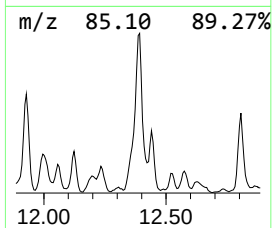
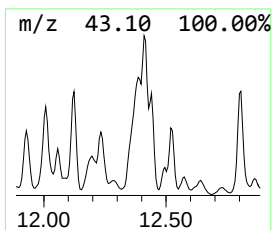
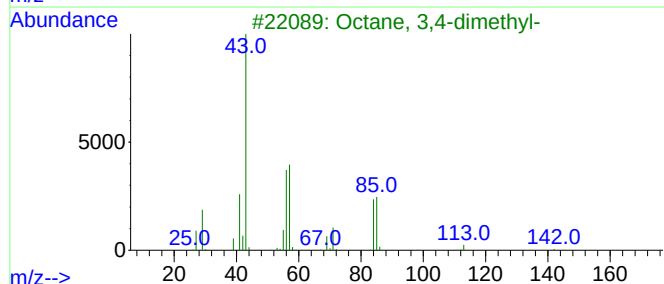
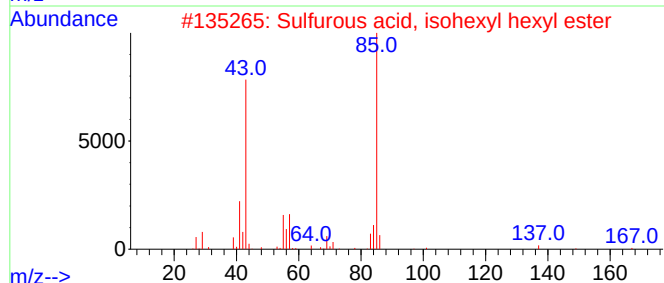
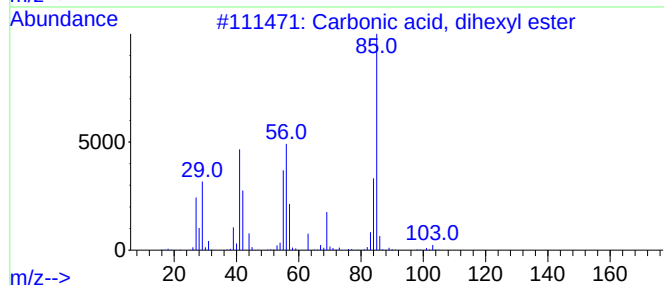
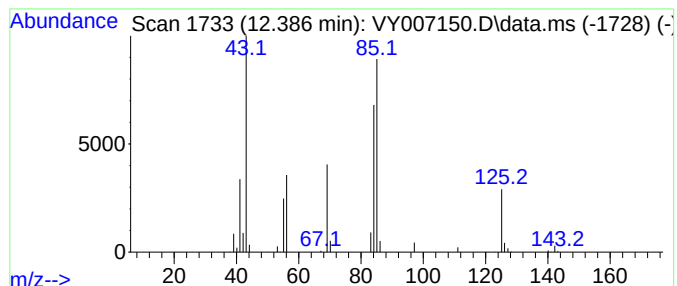
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Carbonic acid, dihexyl ester Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.386	36.58 ug/l	344567	Chlorobenzene-d5	11.489

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, dihexyl ester	230	C13H26O3	007523-15-1	50
2			Sulfurous acid, isohexyl hexyl e...	250	C12H26O3S	1000309-12-8	50
3			Octane, 3,4-dimethyl-	142	C10H22	015869-92-8	47
4			Oxalic acid, hexyl isohexyl ester	258	C14H26O4	1010309-33-0	45
5			Hexane, 3-iodo-	212	C6H13I	031294-91-4	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011322\
Data File : VY007150.D
Acq On : 13 Jan 2022 19:24
Operator : SY/MD
Sample : N1119-05
Misc : 5.00g/5.0mL/MSVOA_Y/soil
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EAST-AREA-BOTTOM

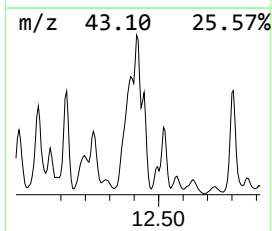
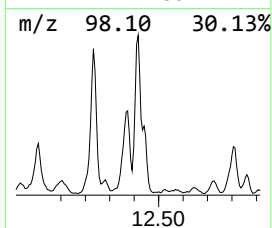
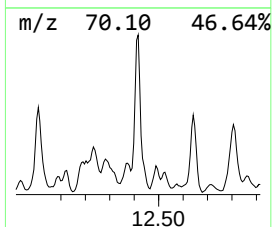
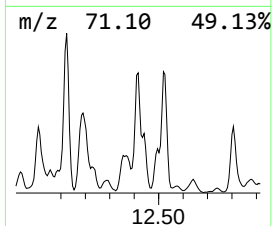
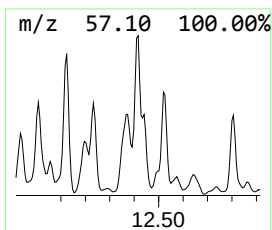
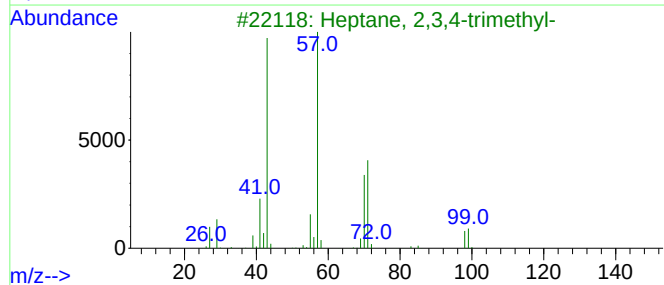
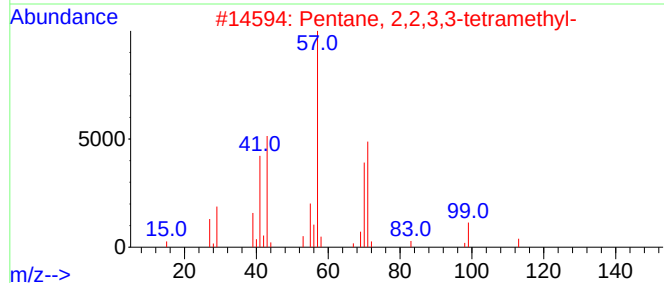
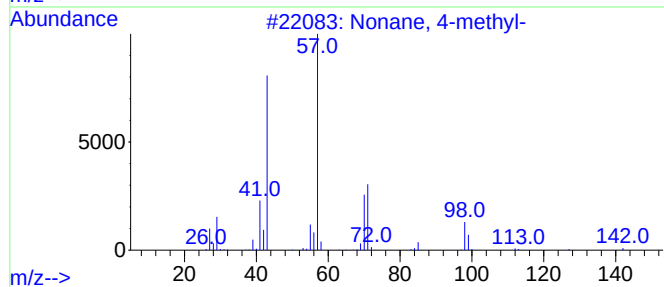
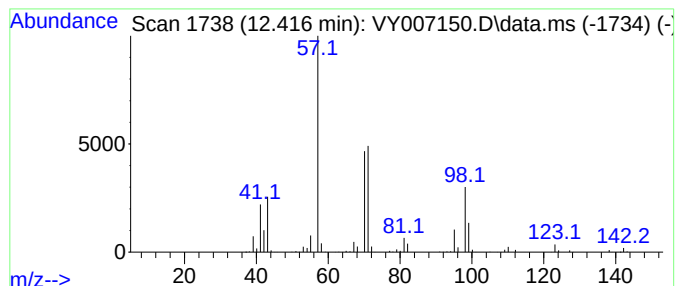
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Nonane, 4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.416	88.34 ug/l	832098	Chlorobenzene-d5	11.489

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 4-methyl-	142	C10H22	017301-94-9	72
2			Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	53
3			Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	45
4			Pentadecafluorooctanoic acid, 2-...	526	C16H17F15O2	1000406-80-9	43
5			Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	42



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011322\
Data File : VY007150.D
Acq On : 13 Jan 2022 19:24
Operator : SY/MD
Sample : N1119-05
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EAST-AREA-BOTTOM

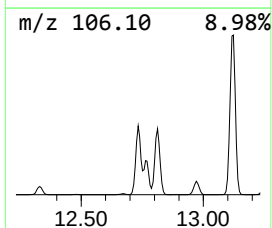
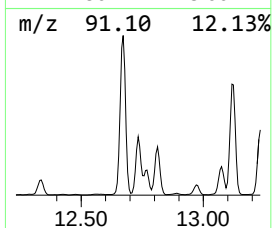
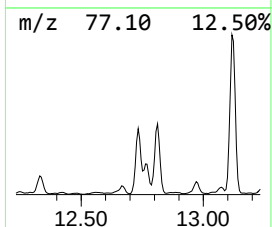
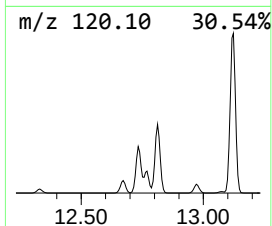
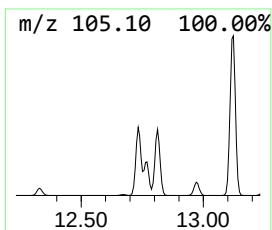
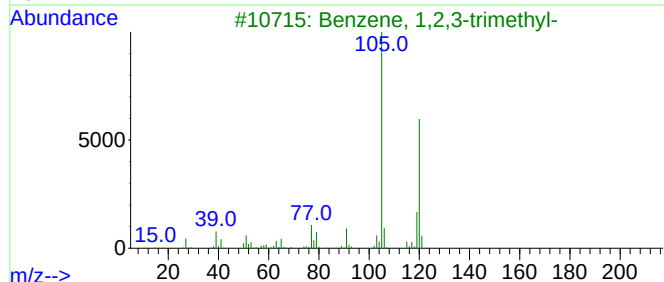
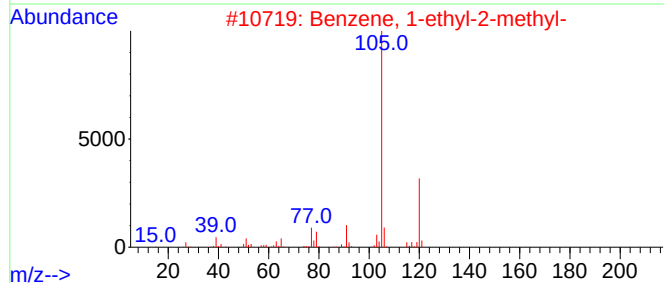
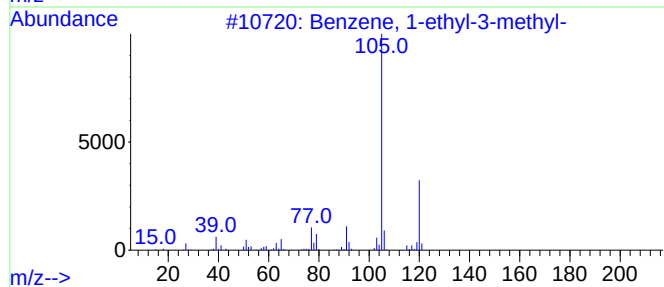
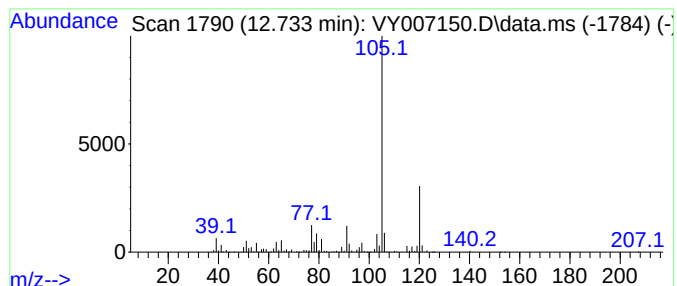
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Benzene, 1-ethyl-3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.733	61.84 ug/l	2921940	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
4			Mesitylene	120	C9H12	000108-67-8	90
5			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011322\
Data File : VY007150.D
Acq On : 13 Jan 2022 19:24
Operator : SY/MD
Sample : N1119-05
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EAST-AREA-BOTTOM

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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Octane, 3-methyl-	11.380	66.9	ug/l	630313	3	11.489	470981	50.0
1-Ethyl-4-methy...	11.782	37.6	ug/l	354014	3	11.489	470981	50.0
Oxalic acid, bu...	11.934	50.0	ug/l	470708	3	11.489	470981	50.0
Nonane, 3-methyl-	12.123	96.8	ug/l	911462	3	11.489	470981	50.0
unknown12.203	12.203	141.3	ug/l	1331200	3	11.489	470981	50.0
Cyclohexane, pr...	12.245	115.6	ug/l	1088930	3	11.489	470981	50.0
Carbonic acid, ...	12.386	36.6	ug/l	344567	3	11.489	470981	50.0
Nonane, 4-methyl-	12.416	88.3	ug/l	832098	3	11.489	470981	50.0
Benzene, 1-ethy...	12.733	61.8	ug/l	2921940	4	13.422	2362690	50.0