

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091521\
 Data File : VY006021.D
 Acq On : 15 Sep 2021 12:31
 Operator : SY/MD
 Sample : M3733-02
 Misc : 7.21G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SUP-UST-01-(10-12)

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\82Y091421S.M
 Title : SW846 8260

Signal : TIC: VY006021.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	9.191	1192	1209	1215	rBV	4522035	10109804	4.19%	0.377%
2	9.825	1307	1313	1326	rVV2	4836939	11992357	4.97%	0.447%
3	9.965	1326	1336	1349	rVB	4361735	10100296	4.18%	0.377%
4	10.185	1365	1372	1376	rBV	5322083	10650835	4.41%	0.397%
5	10.221	1376	1378	1386	rVB	2332719	3315750	1.37%	0.124%
6	10.374	1394	1403	1411	rVB3	3940569	8948300	3.71%	0.334%
7	10.526	1411	1428	1437	rBV	3287983	7076180	2.93%	0.264%
8	10.624	1437	1444	1448	rBV	1845144	3877235	1.61%	0.145%
9	10.721	1455	1460	1466	rVB	2296979	4019178	1.66%	0.150%
10	10.813	1468	1475	1483	rVB	5324412	10083836	4.18%	0.376%
11	10.916	1483	1492	1498	rBV	5524885	12012770	4.98%	0.448%
12	10.984	1498	1503	1508	rVV3	2331036	5520535	2.29%	0.206%
13	11.044	1508	1513	1517	rVV	8724775	15238322	6.31%	0.568%
14	11.099	1517	1522	1527	rVV	8504314	15357825	6.36%	0.573%
15	11.154	1527	1531	1535	rVV	1598560	2659282	1.10%	0.099%
16	11.215	1535	1541	1545	rVV	8889908	16711778	6.92%	0.623%
17	11.294	1545	1554	1563	rVB4	25248859	65046883	26.95%	2.426%
18	11.392	1563	1570	1580	rBV	24760019	47841709	19.82%	1.784%
19	11.490	1580	1586	1591	rBV2	1947782	3852638	1.60%	0.144%
20	11.587	1596	1602	1606	rBV3	3463629	7154725	2.96%	0.267%
21	11.636	1606	1610	1613	rBV	2894681	4082794	1.69%	0.152%
22	11.739	1613	1627	1633	rBV5	32202489	106964634	44.31%	3.990%
23	11.788	1633	1635	1642	rVB2	14645891	22651166	9.38%	0.845%
24	11.904	1642	1654	1656	rBV4	6823267	17372753	7.20%	0.648%
25	11.947	1656	1661	1666	rBV2	20712444	39188702	16.23%	1.462%
26	12.020	1666	1673	1680	rBV5	42909752	122976700	50.94%	4.587%
27	12.148	1688	1694	1699	rVB2	40609765	83906629	34.76%	3.130%
28	12.215	1699	1705	1708	rBV2	41559101	85317913	35.34%	3.182%
29	12.264	1708	1713	1722	rVB5	49197354	126583038	52.44%	4.721%
30	12.343	1722	1726	1728	rBV2	10914186	15066260	6.24%	0.562%
31	12.404	1728	1736	1737	rBV4	35781132	78139077	32.37%	2.915%
32	12.550	1750	1760	1764	rBV2	43769639	91113621	37.74%	3.399%
33	12.593	1764	1767	1771	rVV2	13767359	25097815	10.40%	0.936%
34	12.672	1773	1780	1787	rVB2	50520375	140074292	58.03%	5.225%
35	12.751	1787	1793	1795	rBV3	33639491	62606719	25.93%	2.335%
36	12.782	1795	1798	1800	rVV2	40092298	63198776	26.18%	2.357%

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37	12.825	1800	1805	1811	rVV6	93960025	241401916	100.00%	9.004%
38	12.880	1811	1814	1820	rVB	39046552	58629145	24.29%	2.187%
39	12.934	1820	1823	1824	rBV2	2601966	3101115	1.28%	0.116%
40	12.971	1824	1829	1833	rVV3	40517342	81289358	33.67%	3.032%
41	13.020	1833	1837	1839	rVV4	30053647	55971109	23.19%	2.088%
42	13.056	1839	1843	1849	rVV2	55743392	112503461	46.60%	4.196%
43	13.136	1849	1856	1861	rVV5	77040887	197362467	81.76%	7.362%
44	13.178	1861	1863	1868	rVV	18055110	23991549	9.94%	0.895%
45	13.264	1868	1877	1881	rVV3	29654805	80721808	33.44%	3.011%
46	13.331	1881	1888	1892	rVV3	54608829	108874069	45.10%	4.061%
47	13.373	1892	1895	1903	rVV3	35780693	62229540	25.78%	2.321%
48	13.440	1903	1906	1907	rVV	6044637	7186170	2.98%	0.268%
49	13.465	1907	1910	1914	rVB	16625706	23575009	9.77%	0.879%
50	13.514	1914	1918	1925	rVB2	6917338	15158212	6.28%	0.565%
51	13.599	1927	1932	1934	rBV	14550889	20544154	8.51%	0.766%
52	13.629	1934	1937	1940	rVV	22507368	29277646	12.13%	1.092%
53	13.672	1940	1944	1953	rVB3	39359802	79699579	33.02%	2.973%
54	13.757	1953	1958	1963	rBV2	21176098	31402117	13.01%	1.171%
55	13.831	1963	1970	1974	rVB	5616743	8761792	3.63%	0.327%
56	13.892	1975	1980	1982	rBV	10831255	15736490	6.52%	0.587%
57	13.922	1982	1985	1989	rVB	11842427	15731743	6.52%	0.587%
58	13.977	1989	1994	1999	rVB	14962900	21292953	8.82%	0.794%
59	14.081	2006	2011	2016	rVB3	8729934	14161323	5.87%	0.528%
60	14.135	2016	2020	2028	rVB5	1963578	4601704	1.91%	0.172%
61	14.215	2028	2033	2037	rBV2	2943844	4732739	1.96%	0.177%
62	14.294	2043	2046	2050	rVV2	2596026	3638617	1.51%	0.136%
63	14.337	2050	2053	2057	rVB	2685014	3506021	1.45%	0.131%

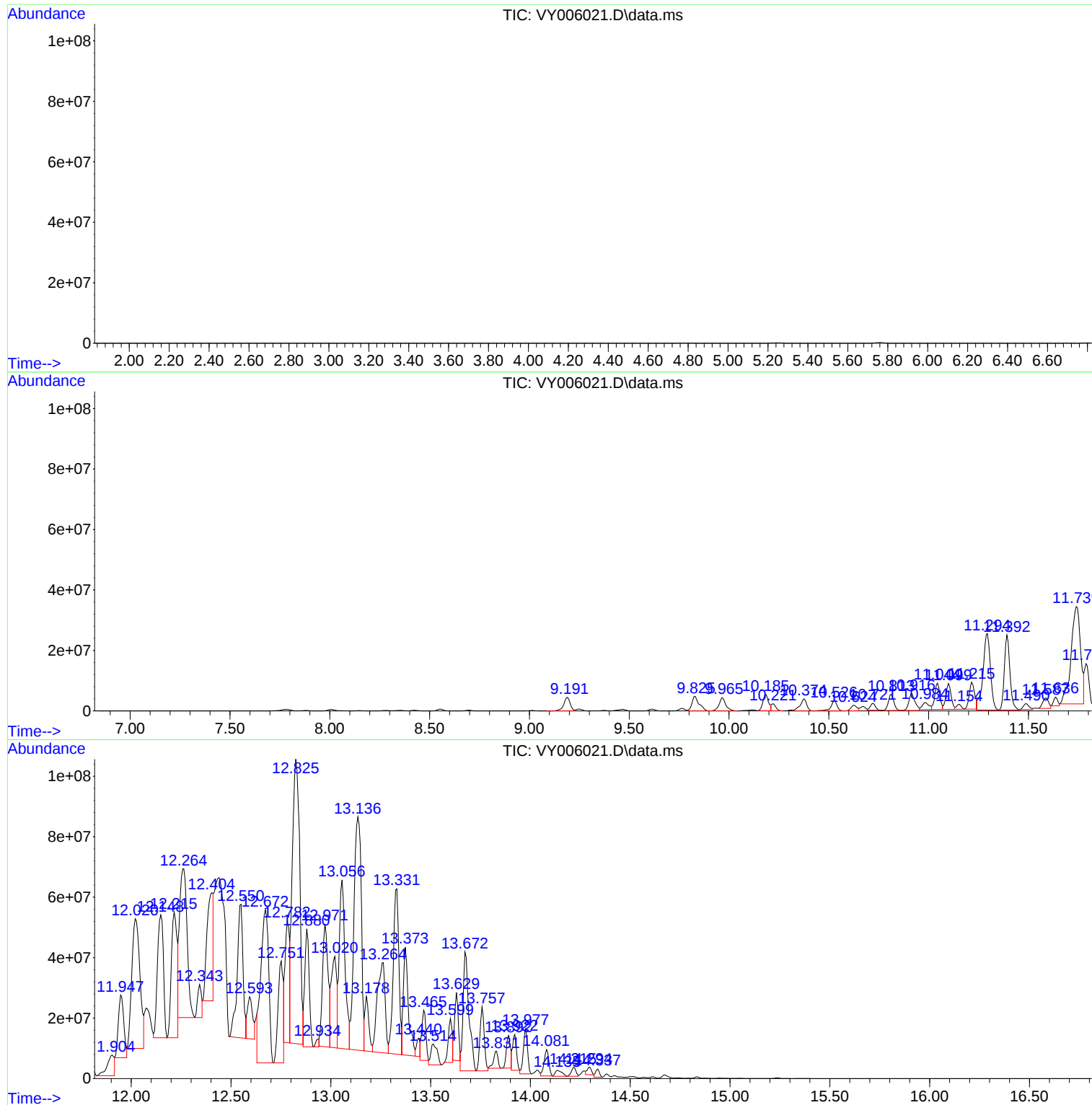
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ClientSampleId :
SUP-UST-01-(10-12)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
Quant Title : SW846 8260

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



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ClientSampleId :
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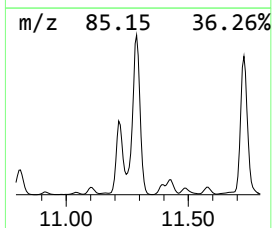
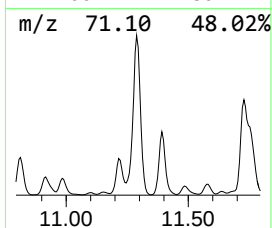
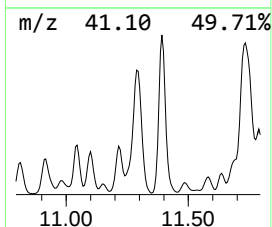
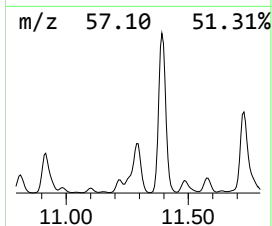
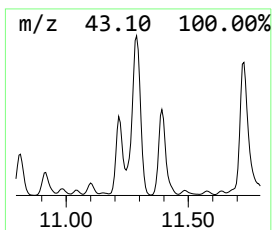
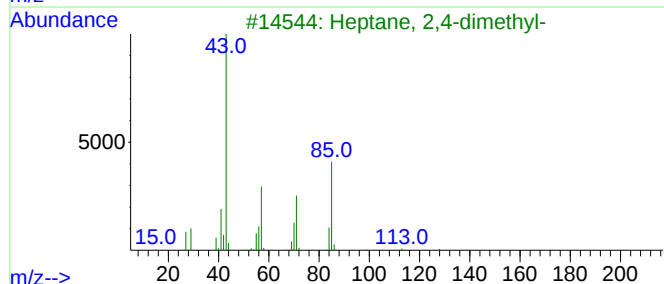
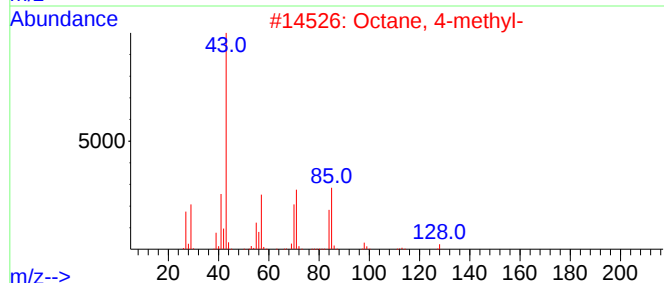
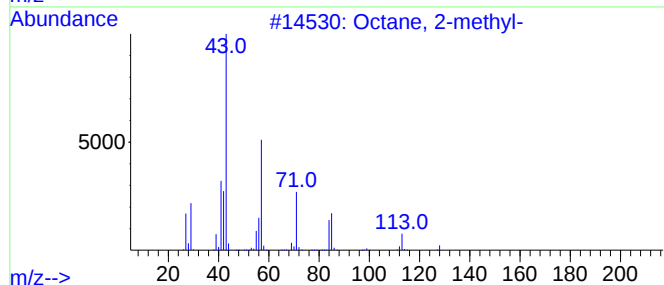
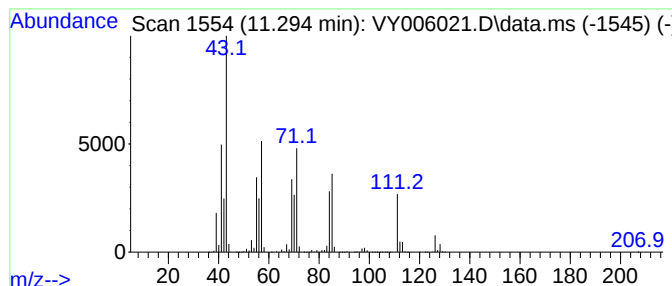
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
Quant Title : SW846 8260

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

Peak Number 1 Octane, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.294	844.19 ug/l	65046900	Chlorobenzene-d5	11.496

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2-methyl-	128	C9H20	003221-61-2	62
2			Octane, 4-methyl-	128	C9H20	002216-34-4	53
3			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	47
4			1-Pentanol, 2-methyl-	102	C6H14O	000105-30-6	47
5			Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	47



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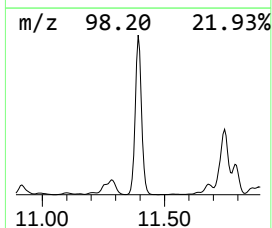
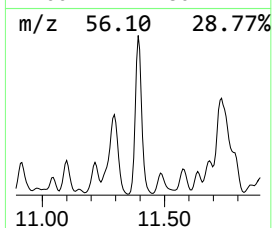
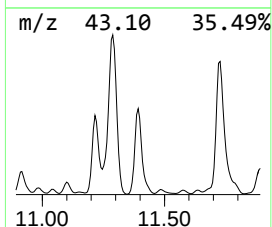
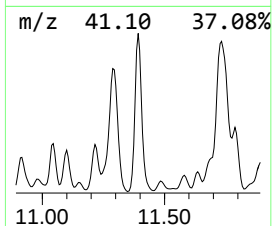
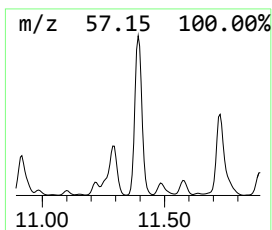
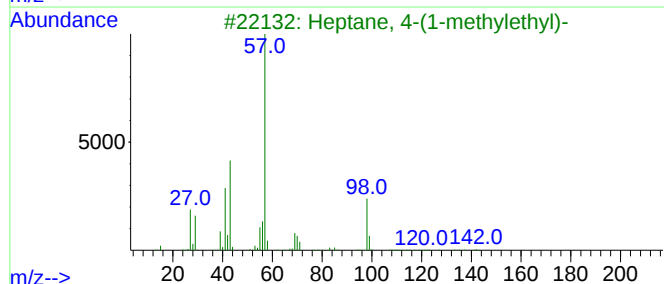
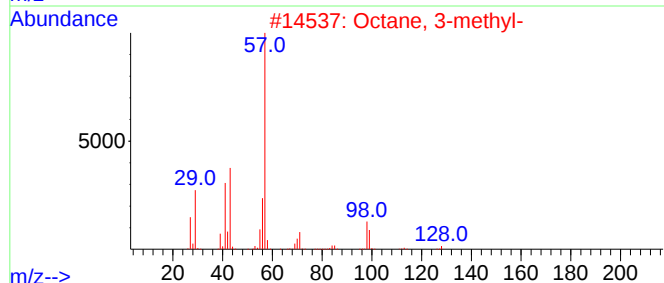
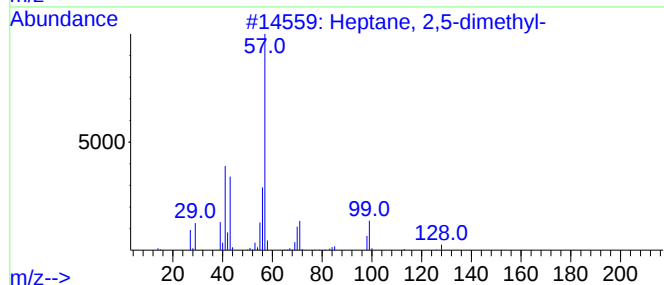
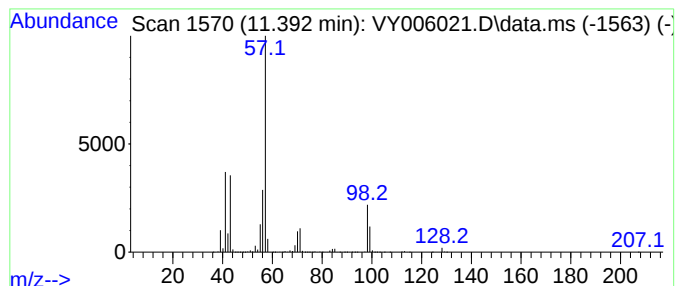
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
Quant Title : SW846 8260

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

Peak Number 2 Heptane, 2,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.392	620.89 ug/l	47841700	Chlorobenzene-d5	11.496

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	87
2			Octane, 3-methyl-	128	C9H20	002216-33-3	83
3			Heptane, 4-(1-methylethyl)-	142	C10H22	052896-87-4	64
4			Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	62
5			Heptane, 4-propyl-	142	C10H22	003178-29-8	53



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Misc : 7.21G/5ML/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

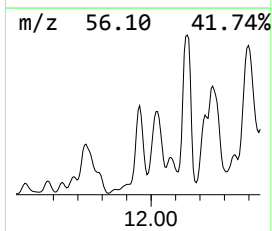
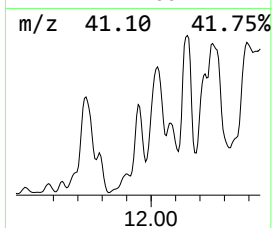
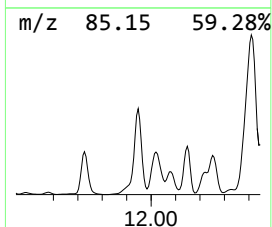
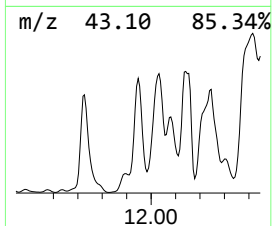
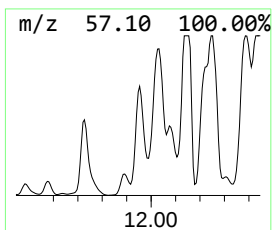
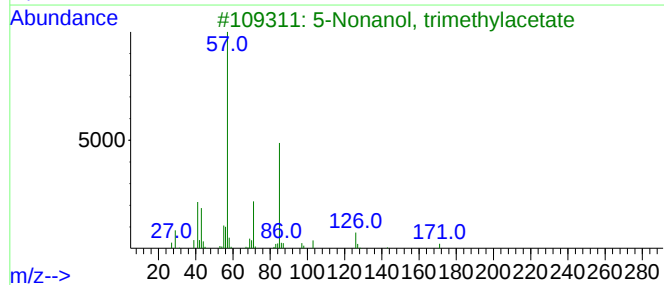
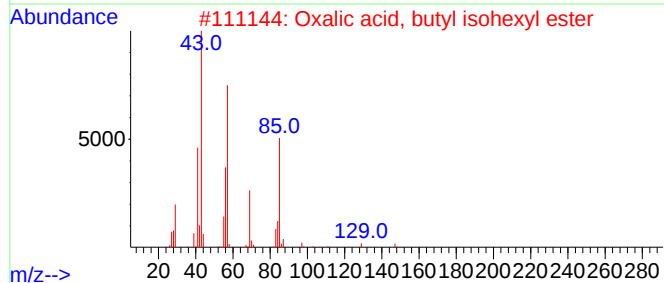
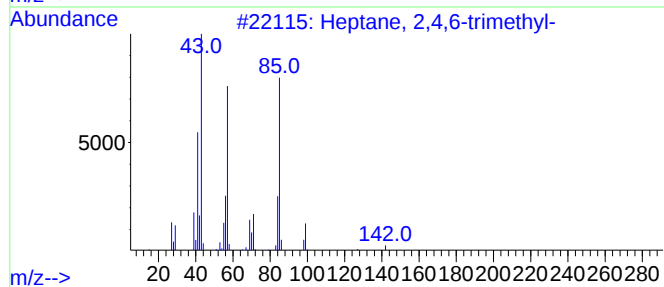
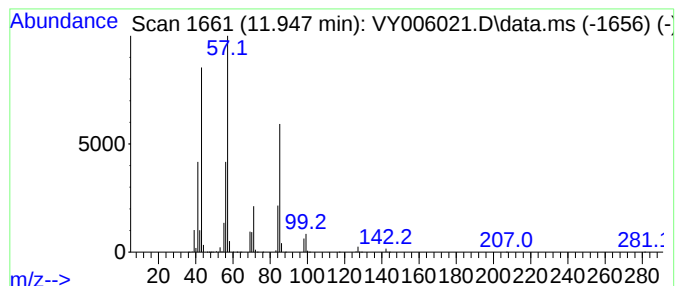
Instrument :
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ClientSampleId :
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Heptane, 2,4,6-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.947	508.60 ug/l	39188700	Chlorobenzene-d5	11.496	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,4,6-trimethyl-	142	C10H22	002613-61-8	52
2	Oxalic acid, butyl isohexyl ester	230	C12H22O4	1000309-32-7	50
3	5-Nonanol, trimethylacetate	228	C14H28O2	1000463-48-2	47
4	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	47
5	Sulfurous acid, butyl isohexyl e...	222	C10H22O3S	1000309-17-2	38



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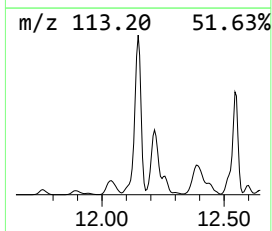
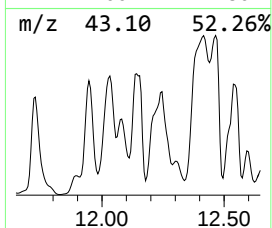
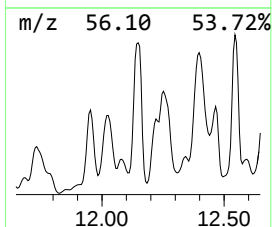
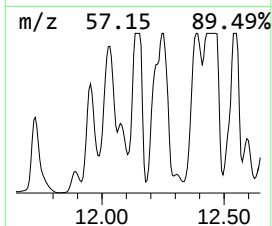
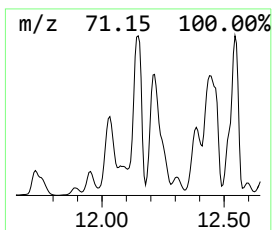
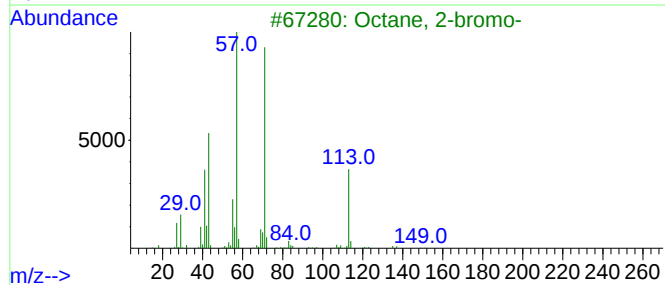
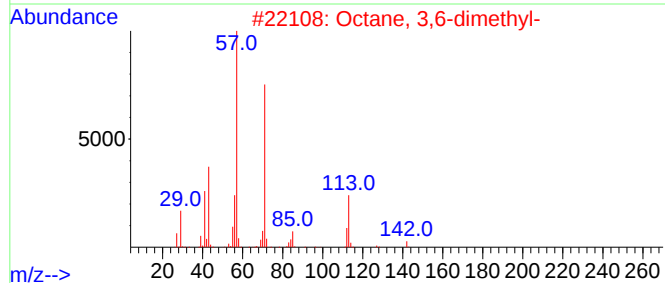
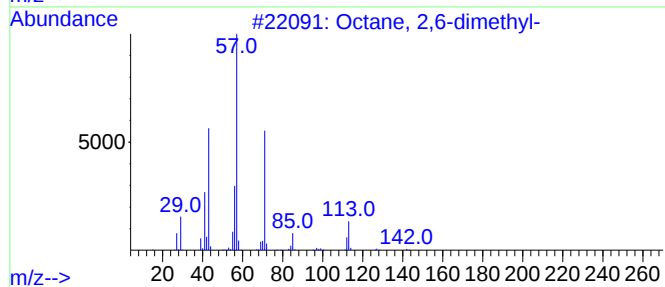
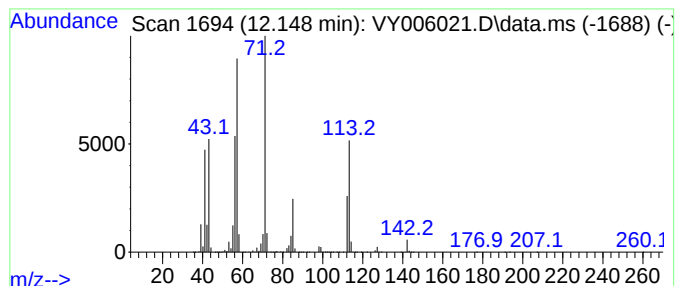
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
Quant Title : SW846 8260

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

Peak Number 4 Octane, 2,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.148	1088.95 ug/l	83906600	Chlorobenzene-d5	11.496

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
2			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	46
3			Octane, 2-bromo-	192	C8H17Br	000557-35-7	43
4			Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	43
5			Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091521\
Data File : VY006021.D
Acq On : 15 Sep 2021 12:31
Operator : SY/MD
Sample : M3733-02
Misc : 7.21G/5ML/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SUP-UST-01-(10-12)

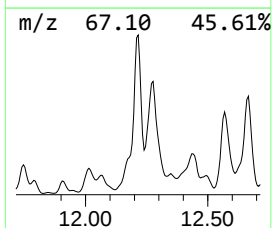
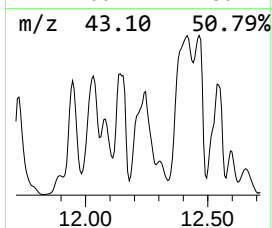
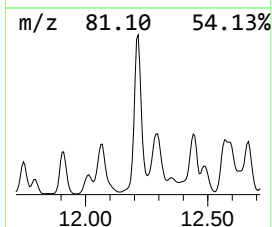
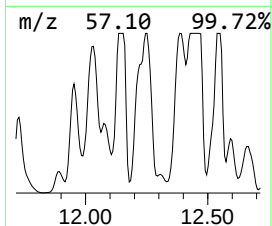
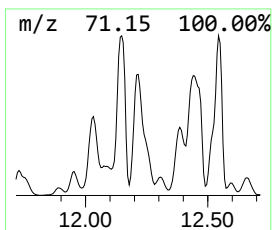
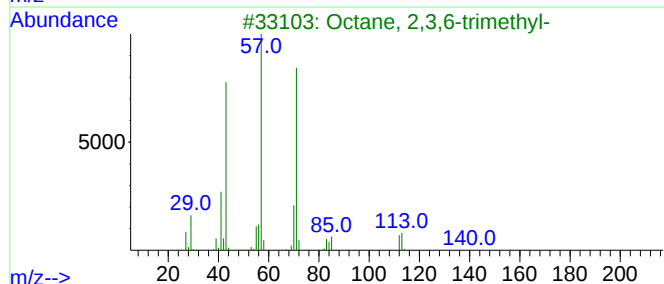
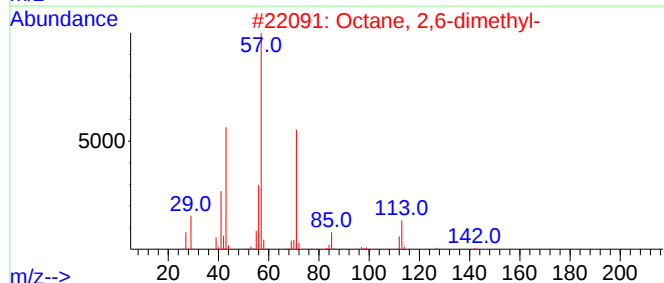
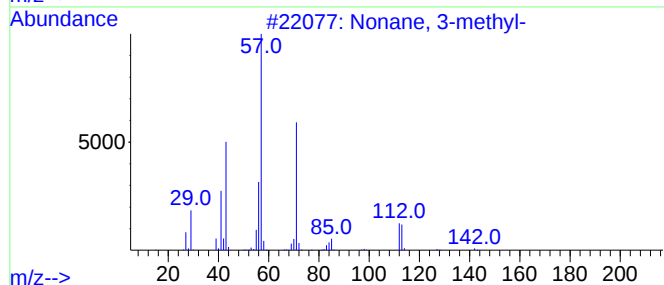
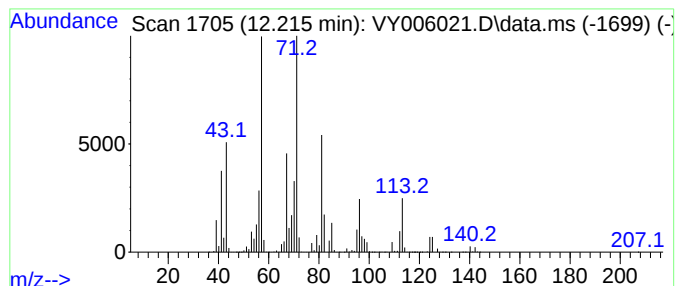
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Quant Title : SW846 8260

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

Peak Number 5 Nonane, 3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.215	1107.27 ug/l	85317900	Chlorobenzene-d5	11.496

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 3-methyl-	142	C10H22	005911-04-6	53
2			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	52
3			Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	43
4			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	41
5			Sulfurous acid, isobutyl 2-penty...	208	C9H20O3S	1000309-15-2	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091521\
Data File : VY006021.D
Acq On : 15 Sep 2021 12:31
Operator : SY/MD
Sample : M3733-02
Misc : 7.21G/5ML/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SUP-UST-01-(10-12)

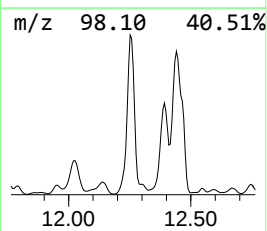
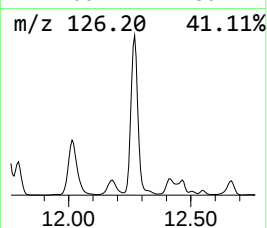
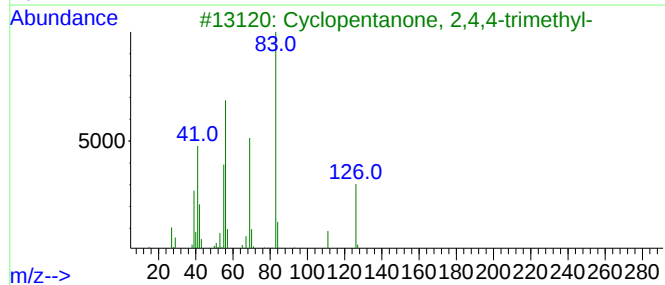
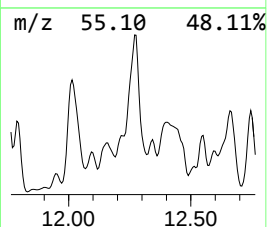
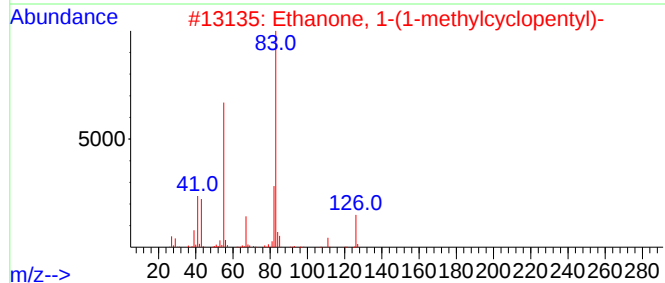
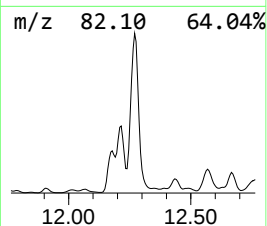
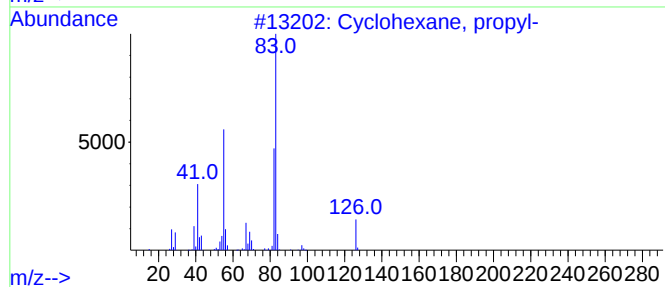
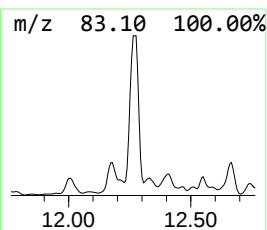
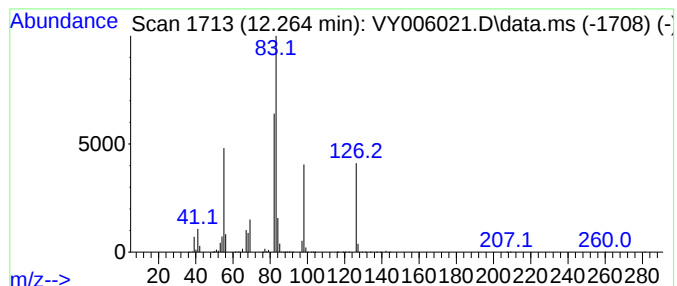
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Quant Title : SW846 8260

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

Peak Number 6 Cyclohexane, propyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.264	1642.81 ug/l	126583000	Chlorobenzene-d5	11.496

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, propyl-	126	C9H18	001678-92-8	74
2			Ethanone, 1-(1-methylcyclopentyl)-	126	C8H14O	013388-93-7	50
3			Cyclopentanone, 2,4,4-trimethyl-	126	C8H14O	004694-12-6	47
4			Cyclohexane, decyl-	224	C16H32	001795-16-0	47
5			2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091521\
Data File : VY006021.D
Acq On : 15 Sep 2021 12:31
Operator : SY/MD
Sample : M3733-02
Misc : 7.21G/5ML/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SUP-UST-01-(10-12)

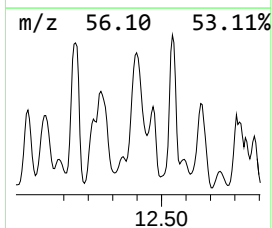
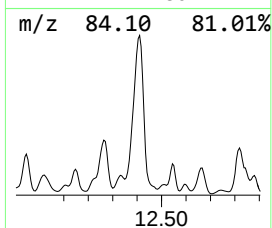
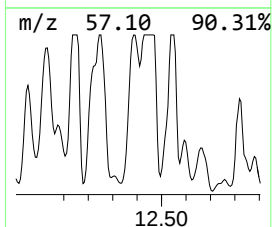
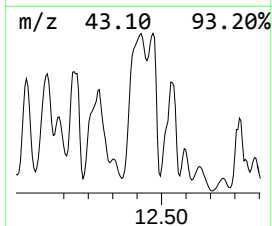
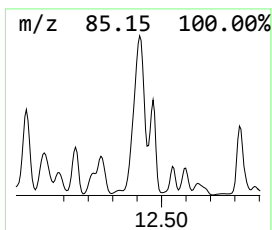
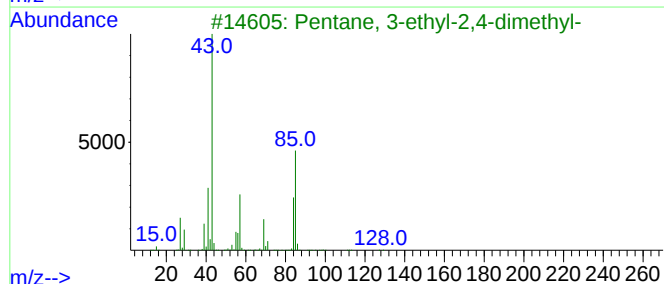
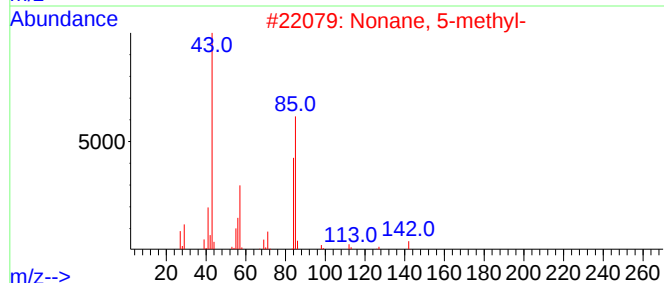
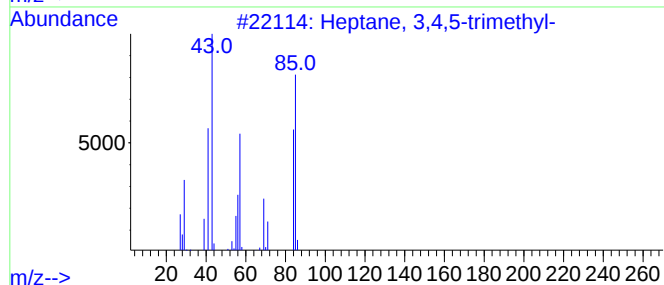
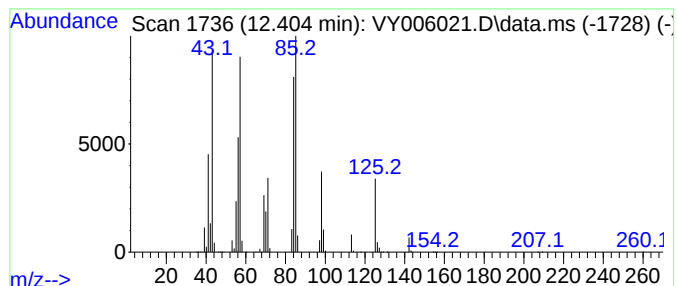
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Quant Title : SW846 8260

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

Peak Number 7 Heptane, 3,4,5-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.404	1014.10 ug/l	78139100	Chlorobenzene-d5	11.496

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	72
2			Nonane, 5-methyl-	142	C10H22	015869-85-9	53
3			Pentane, 3-ethyl-2,4-dimethyl-	128	C9H20	001068-87-7	47
4			Hexane, 2,3,3-trimethyl-	128	C9H20	016747-28-7	47
5			Hexane, 1-(hexyloxy)-2-methyl-	200	C13H28O	074421-17-3	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091521\
Data File : VY006021.D
Acq On : 15 Sep 2021 12:31
Operator : SY/MD
Sample : M3733-02
Misc : 7.21G/5ML/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SUP-UST-01-(10-12)

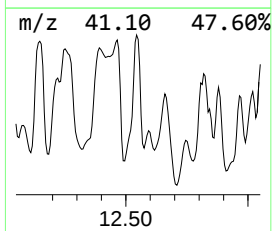
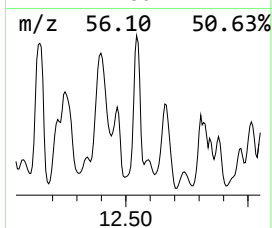
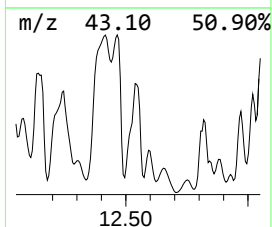
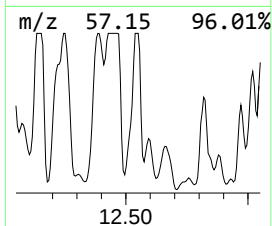
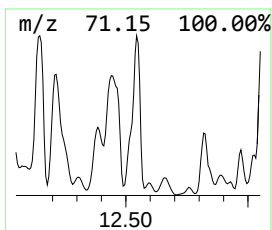
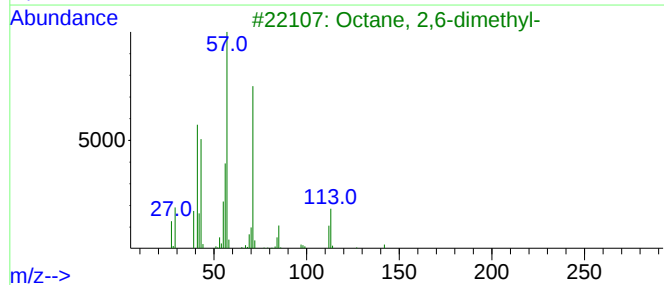
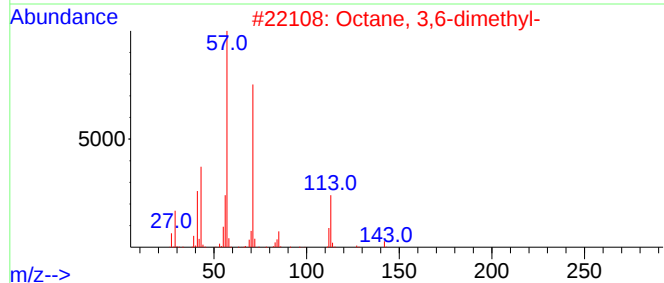
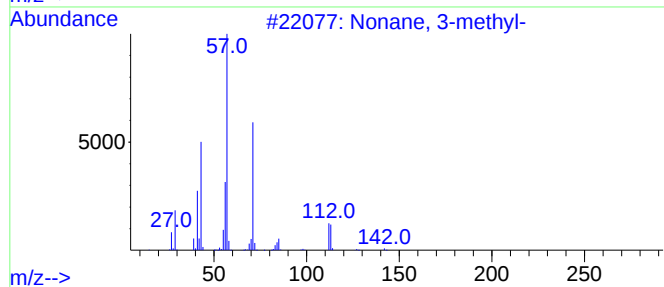
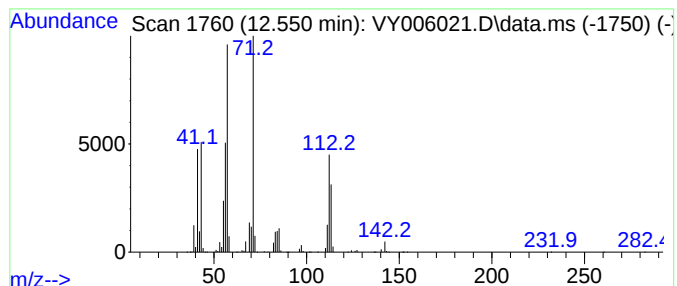
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Quant Title : SW846 8260

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

Peak Number 8 Octane, 3,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.550	633.95 ug/l	91113600	1,4-Dichlorobenzene-d4	13.434

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 3-methyl-	142	C10H22	005911-04-6	87
2			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	58
3			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	58
4			Octane, 2-bromo-	192	C8H17Br	000557-35-7	43
5			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091521\
Data File : VY006021.D
Acq On : 15 Sep 2021 12:31
Operator : SY/MD
Sample : M3733-02
Misc : 7.21G/5ML/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SUP-UST-01-(10-12)

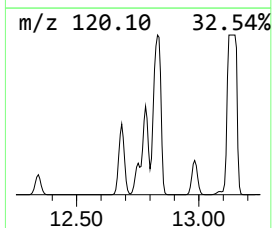
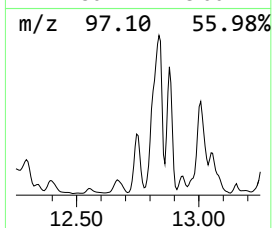
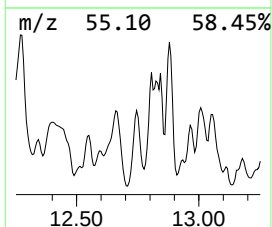
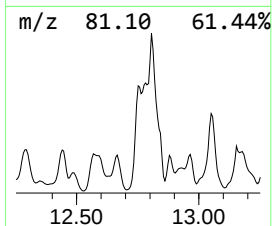
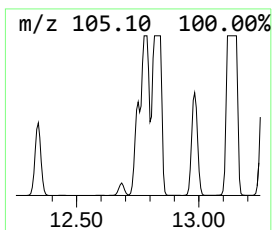
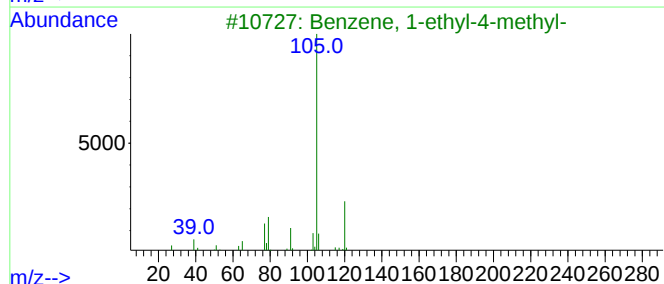
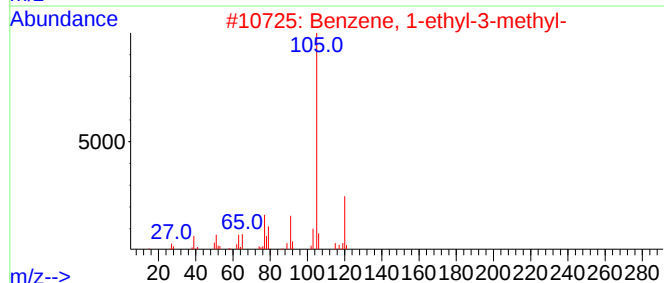
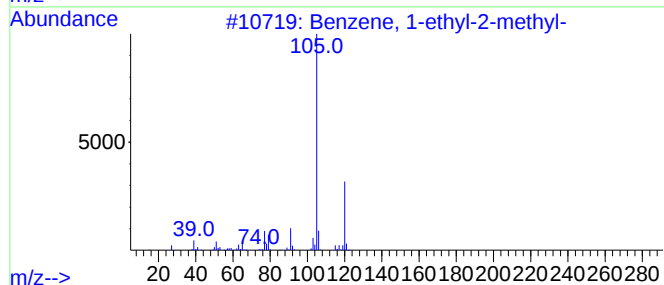
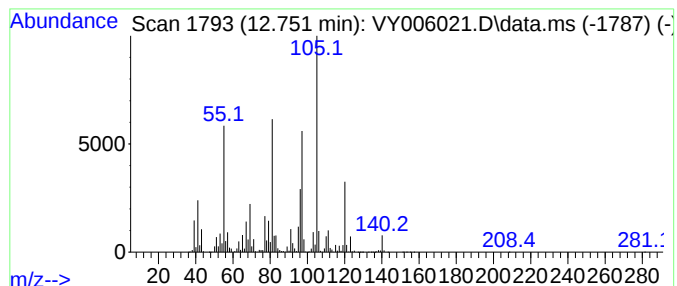
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
Quant Title : SW846 8260

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

Peak Number 9 Benzene, 1-ethyl-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.752	435.61 ug/l	62606700	1,4-Dichlorobenzene-d4	13.434

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	80
2			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	80
3			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	42
4			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	42
5			Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	42



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091521\
Data File : VY006021.D
Acq On : 15 Sep 2021 12:31
Operator : SY/MD
Sample : M3733-02
Misc : 7.21G/5ML/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SUP-UST-01-(10-12)

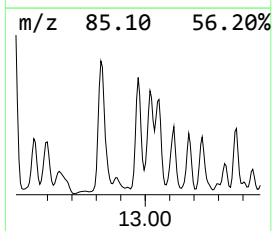
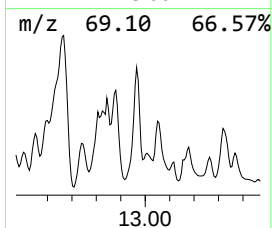
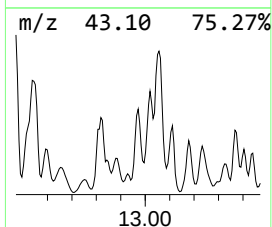
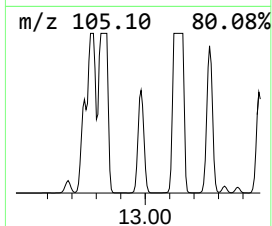
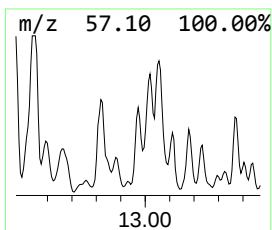
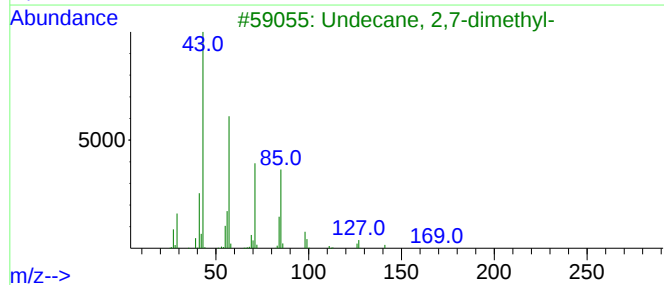
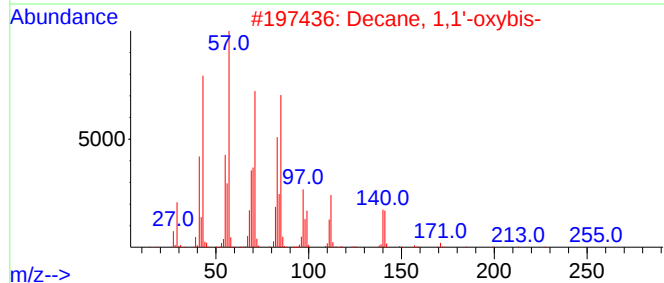
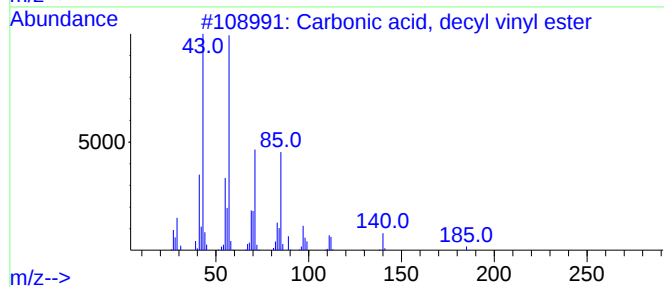
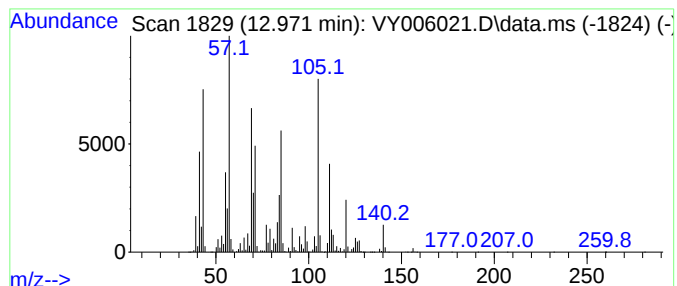
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Quant Title : SW846 8260

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

Peak Number 10 unknown12.971 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.971	565.60 ug/l	81289400	1,4-Dichlorobenzene-d4	13.434

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, decyl vinyl ester	228	C13H24O3	1000383-25-7	47
2			Decane, 1,1'-oxybis-	298	C20H42O	002456-28-2	46
3			Undecane, 2,7-dimethyl-	184	C13H28	017301-24-5	43
4			Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	43
5			Sulfurous acid, hexyl octyl ester	278	C14H30O3S	1000309-13-0	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091521\
Data File : VY006021.D
Acq On : 15 Sep 2021 12:31
Operator : SY/MD
Sample : M3733-02
Misc : 7.21G/5ML/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SUP-UST-01-(10-12)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
Quant Title : SW846 8260

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Octane, 2-methyl-	11.294	844.2	ug/l	65046900	3	11.496	3852640	50.0
Heptane, 2,5-di...	11.392	620.9	ug/l	47841700	3	11.496	3852640	50.0
Heptane, 2,4,6-...	11.947	508.6	ug/l	39188700	3	11.496	3852640	50.0
Octane, 2,6-dim...	12.148	1089.0	ug/l	83906600	3	11.496	3852640	50.0
Nonane, 3-methyl-	12.215	1107.3	ug/l	85317900	3	11.496	3852640	50.0
Cyclohexane, pr...	12.264	1642.8	ug/l	126583000	3	11.496	3852640	50.0
Heptane, 3,4,5-...	12.404	1014.1	ug/l	78139100	3	11.496	3852640	50.0
Octane, 3,6-dim...	12.550	634.0	ug/l	91113600	4	13.434	7186170	50.0
Benzene, 1-ethy...	12.752	435.6	ug/l	62606700	4	13.434	7186170	50.0
unknown12.971	12.971	565.6	ug/l	81289400	4	13.434	7186170	50.0