

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092021\
 Data File : VY006093.D
 Acq On : 20 Sep 2021 13:59
 Operator : SY/MD
 Sample : M3770-03
 Misc : 7.48G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SUP-VST-01-(13-15)

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: VY006093.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	8.697	1119	1128	1140	rBV	311738	612555	1.06%	0.118%
2	9.185	1193	1208	1215	rBV2	787922	1790583	3.10%	0.345%
3	9.825	1307	1313	1317	rBV	701368	1334098	2.31%	0.257%
4	9.965	1325	1336	1348	rVB	777696	1799811	3.12%	0.347%
5	10.179	1365	1371	1376	rBV	1630721	3090897	5.35%	0.595%
6	10.221	1376	1378	1385	rVB	513409	653261	1.13%	0.126%
7	10.374	1394	1403	1410	rVB2	693246	1556210	2.69%	0.300%
8	10.526	1422	1428	1436	rVB	776832	1407512	2.44%	0.271%
9	10.624	1436	1444	1448	rBV2	440628	929690	1.61%	0.179%
10	10.715	1455	1459	1464	rVB	575392	871909	1.51%	0.168%
11	10.807	1464	1474	1480	rVB	1205647	2041863	3.53%	0.393%
12	10.904	1480	1490	1498	rBV	1242843	2602462	4.50%	0.501%
13	10.977	1498	1502	1506	rBV2	549273	932917	1.61%	0.180%
14	11.038	1507	1512	1517	rVB	1917304	2816147	4.87%	0.542%
15	11.093	1517	1521	1526	rVB	1982088	3143243	5.44%	0.605%
16	11.148	1526	1530	1534	rVB	466437	660842	1.14%	0.127%
17	11.209	1534	1540	1544	rBV	2134925	3519339	6.09%	0.678%
18	11.282	1544	1552	1563	rVB4	4608335	11872287	20.55%	2.286%
19	11.386	1563	1569	1579	rBV	5339647	8715857	15.09%	1.678%
20	11.483	1579	1585	1591	rBV2	770360	1719568	2.98%	0.331%
21	11.575	1595	1600	1605	rBV2	651279	1217317	2.11%	0.234%
22	11.630	1605	1609	1612	rBV	1065560	1529535	2.65%	0.294%
23	11.685	1612	1618	1619	rBV4	1356296	2169201	3.75%	0.418%
24	11.739	1619	1627	1631	rBV2	5496153	12383551	21.44%	2.384%
25	11.782	1631	1634	1640	rVB	3792226	6102333	10.56%	1.175%
26	11.843	1640	1644	1646	rBV2	452389	704159	1.22%	0.136%
27	11.904	1646	1654	1655	rBV2	1142680	2652401	4.59%	0.511%
28	11.935	1655	1659	1664	rVB2	5332981	8421284	14.58%	1.621%
29	12.014	1664	1672	1678	rBV4	13454661	29568798	51.18%	5.693%
30	12.063	1678	1680	1683	rVB	2505214	2519874	4.36%	0.485%
31	12.130	1687	1691	1695	rVB	15107966	20167316	34.91%	3.883%
32	12.209	1695	1704	1706	rBV3	10219738	19865256	34.39%	3.825%
33	12.252	1706	1711	1721	rVB4	15914291	33814927	58.53%	6.511%
34	12.380	1726	1732	1736	rBV5	10659432	25307632	43.81%	4.873%
35	12.422	1736	1739	1742	rBV	10402885	10645784	18.43%	2.050%
36	12.495	1747	1751	1753	rBV4	2893619	4054427	7.02%	0.781%

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37	12.532	1753	1757	1761	rVV	8730939	10935927	18.93%	2.106%
38	12.581	1761	1765	1768	rVB4	2241374	3308729	5.73%	0.637%
39	12.648	1773	1776	1784	rVB3	9347553	18300802	31.68%	3.524%
40	12.739	1784	1791	1794	rBV3	5812845	12413560	21.49%	2.390%
41	12.812	1794	1803	1809	rBV3	31496822	57771931	100.00%	11.123%
42	12.867	1809	1812	1818	rVB	7741857	10960410	18.97%	2.110%
43	12.922	1818	1821	1822	rBV3	563527	636541	1.10%	0.123%
44	12.959	1822	1827	1830	rBV3	7166236	11769534	20.37%	2.266%
45	13.008	1830	1835	1838	rVV3	4052405	6817796	11.80%	1.313%
46	13.044	1838	1841	1848	rVB	14473778	20796865	36.00%	4.004%
47	13.123	1848	1854	1858	rVB2	11428544	18099583	31.33%	3.485%
48	13.172	1858	1862	1867	rVB2	3961547	5273139	9.13%	1.015%
49	13.233	1867	1872	1873	rBV2	3102711	4422353	7.65%	0.851%
50	13.325	1879	1887	1891	rBV2	12070706	21822807	37.77%	4.202%
51	13.367	1891	1894	1898	rVV2	7302198	10467745	18.12%	2.015%
52	13.404	1898	1900	1902	rVV	2161056	2257518	3.91%	0.435%
53	13.434	1902	1905	1907	rVV2	1982194	2444041	4.23%	0.471%
54	13.459	1907	1909	1913	rVB	1773019	2319752	4.02%	0.447%
55	13.507	1913	1917	1924	rVB3	1956905	3524496	6.10%	0.679%
56	13.593	1924	1931	1933	rBV3	2673747	4049243	7.01%	0.780%
57	13.623	1933	1936	1940	rVB	3572983	4475030	7.75%	0.862%
58	13.666	1940	1943	1952	rVB2	6315357	11158953	19.32%	2.148%
59	13.751	1952	1957	1962	rBV2	5920660	9797032	16.96%	1.886%
60	13.824	1966	1969	1973	rVB	1307933	1624837	2.81%	0.313%
61	13.885	1975	1979	1982	rBV	2038366	3028762	5.24%	0.583%
62	13.916	1982	1984	1989	rVB	3153895	4080877	7.06%	0.786%
63	13.971	1989	1993	1998	rVB	4101975	6113301	10.58%	1.177%
64	14.020	1998	2001	2005	rVB4	387571	599425	1.04%	0.115%
65	14.081	2005	2011	2016	rVB3	2925658	4784755	8.28%	0.921%
66	14.135	2016	2020	2028	rBV6	915582	2299409	3.98%	0.443%
67	14.215	2028	2033	2037	rBV4	946311	1695585	2.93%	0.326%
68	14.270	2037	2042	2044	rBV2	981215	1660518	2.87%	0.320%
69	14.337	2050	2053	2057	rVB	1340352	1781703	3.08%	0.343%
70	14.379	2057	2060	2064	rBV2	911208	1306696	2.26%	0.252%
71	14.507	2077	2081	2087	rVB2	375086	885518	1.53%	0.170%
72	14.611	2095	2098	2103	rVB2	534055	771075	1.33%	0.148%
73	14.672	2103	2108	2115	rBV3	906956	1739372	3.01%	0.335%

Sum of corrected areas: 519390466

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ClientSampleId :
SUP-VST-01-(13-15)

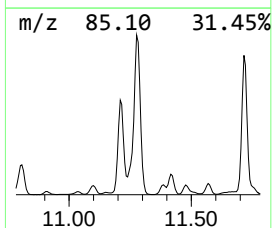
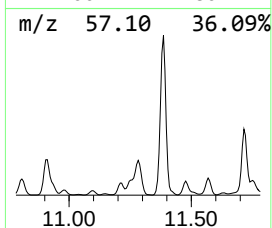
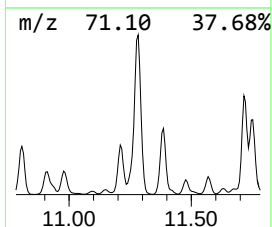
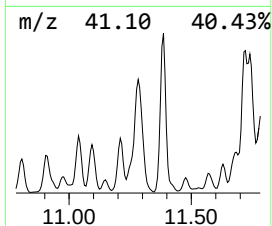
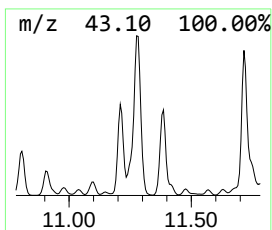
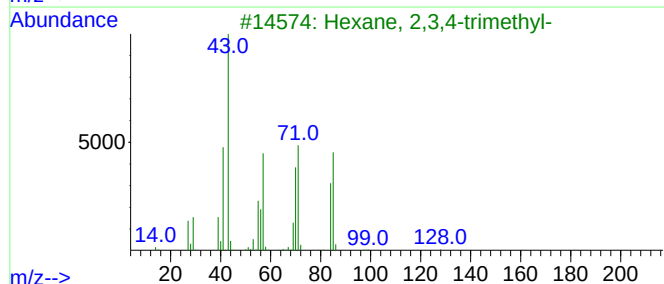
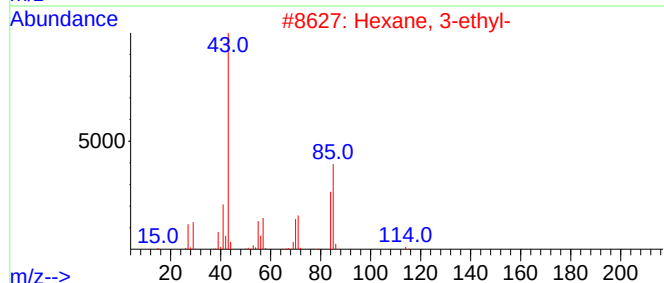
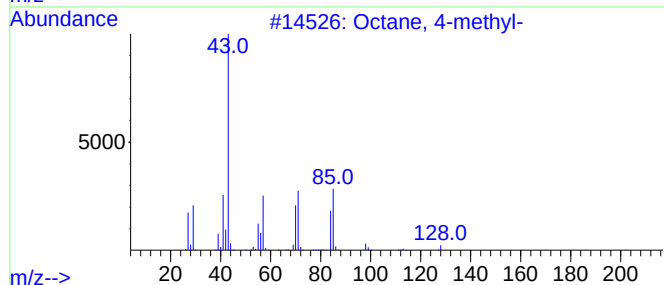
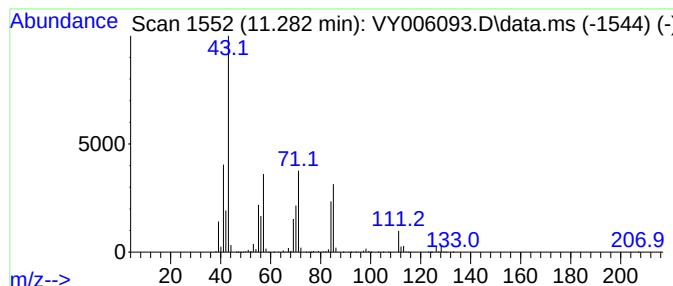
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
Quant Title : SW846 8260

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

Peak Number 1 Octane, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.282	345.21 ug/l	11872300	Chlorobenzene-d5	11.496

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 4-methyl-	128	C9H20	002216-34-4	81
2			Hexane, 3-ethyl-	114	C8H18	000619-99-8	59
3			Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	53
4			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	53
5			1-Pentanol, 2-methyl-	102	C6H14O	000105-30-6	53



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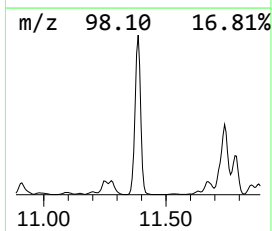
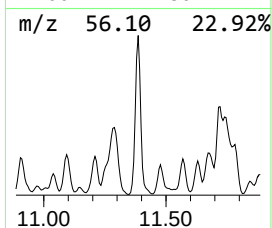
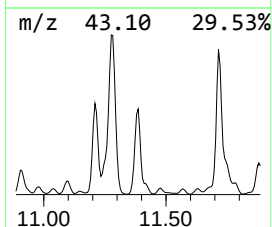
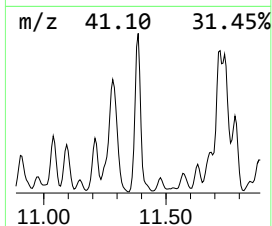
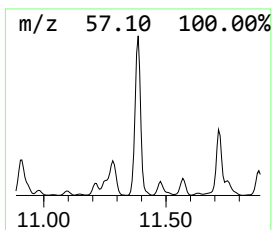
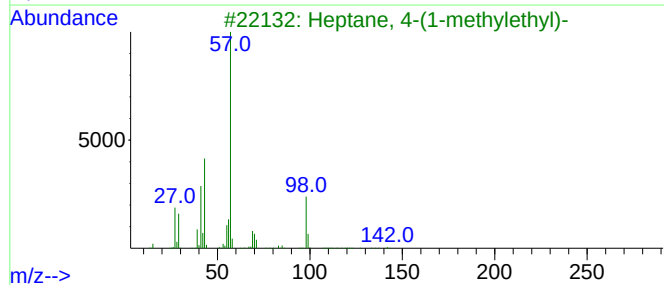
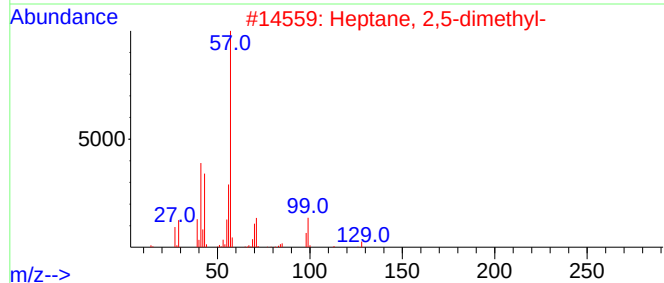
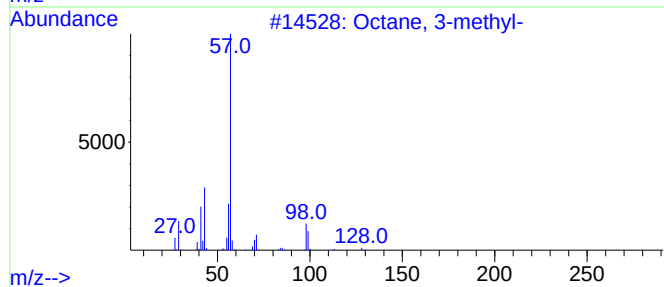
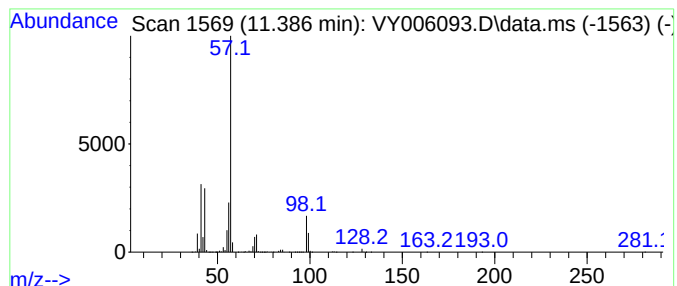
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
Quant Title : SW846 8260

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

Peak Number 2 Octane, 3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.386	253.43 ug/l	8715860	Chlorobenzene-d5	11.496

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	81
3			Heptane, 4-(1-methylethyl)-	142	C10H22	052896-87-4	64
4			Oxalic acid, isobutyl heptyl ester	244	C13H24O4	1000309-37-2	59
5			Undecane, 6-methyl-	170	C12H26	017302-33-9	53



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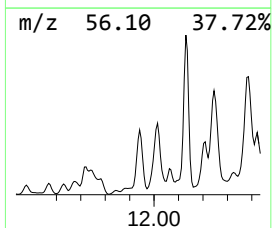
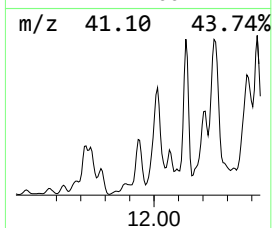
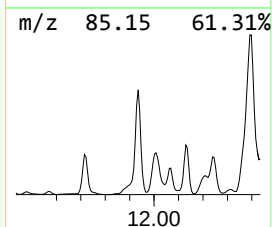
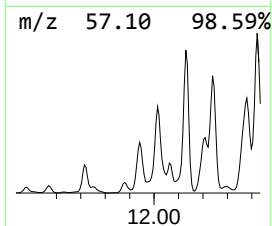
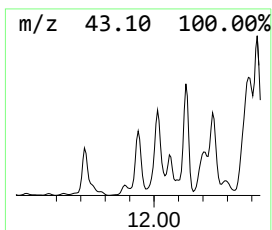
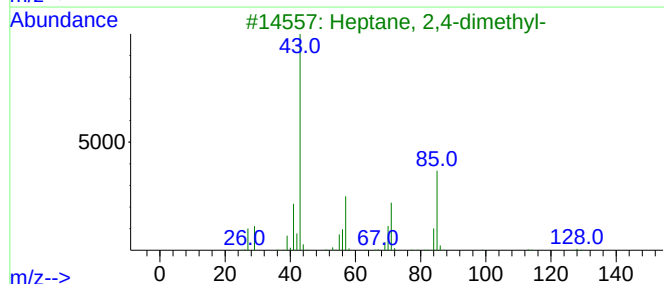
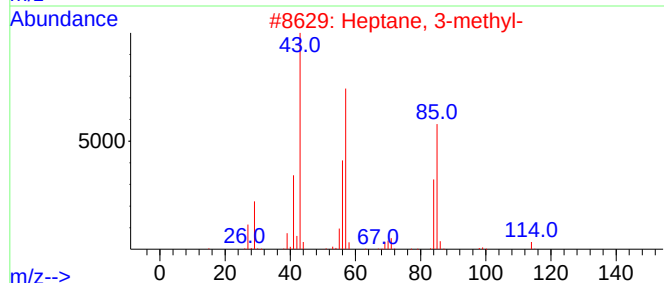
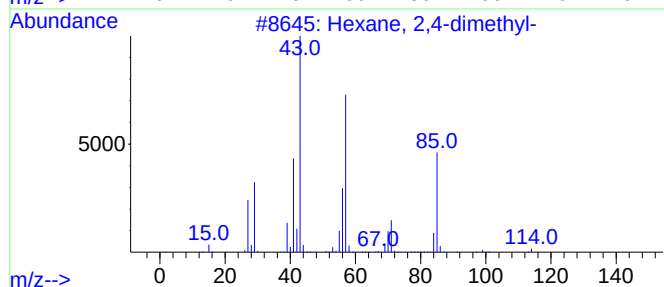
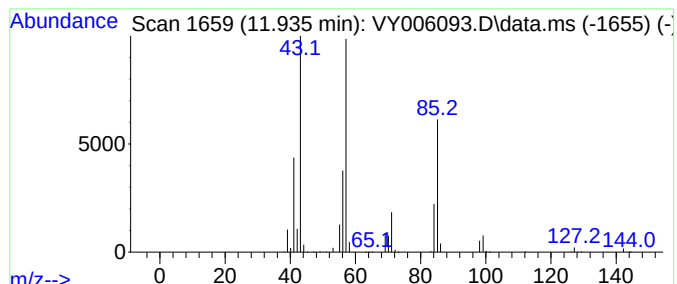
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
Quant Title : SW846 8260

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

Peak Number 3 Hexane, 2,4-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.935	244.87 ug/l	8421280	Chlorobenzene-d5	11.496

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	72
2			Heptane, 3-methyl-	114	C8H18	000589-81-1	64
3			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	59
4			Hexane, 1,1'-oxybis-	186	C12H26O	000112-58-3	59
5			Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	59



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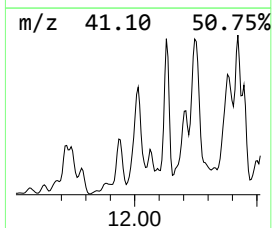
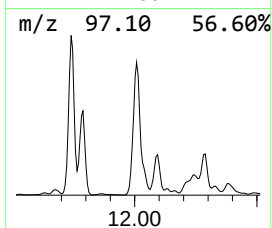
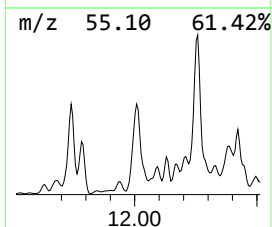
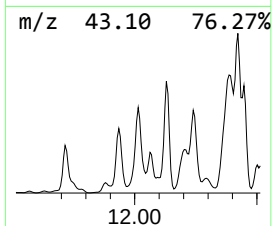
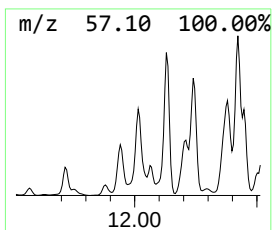
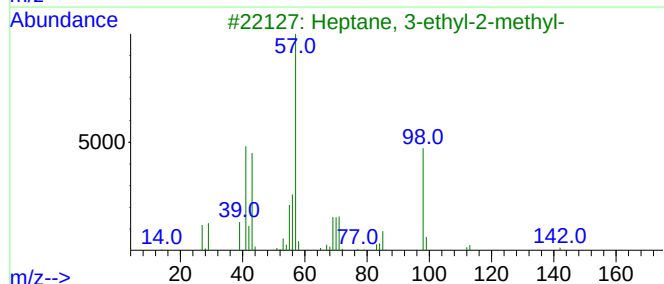
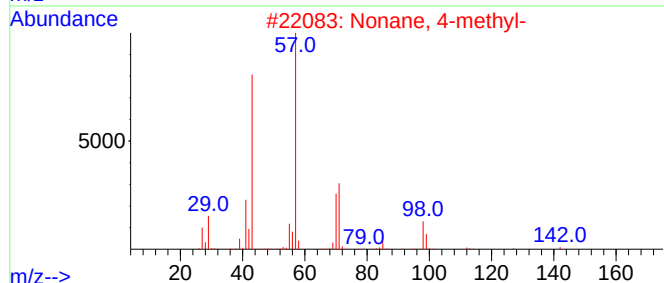
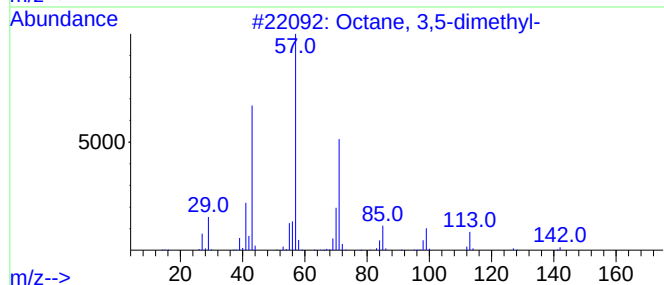
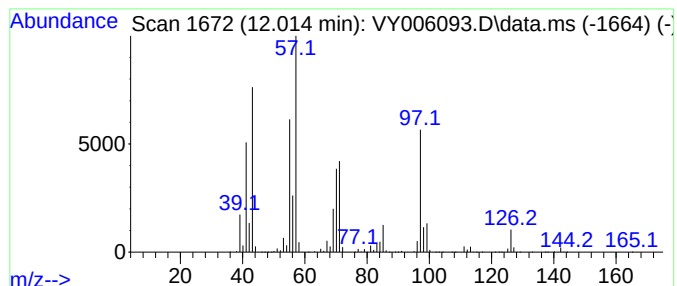
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
Quant Title : SW846 8260

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

Peak Number 4 unknown12.014 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.014	859.77 ug/l	29568800	Chlorobenzene-d5	11.496

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	43
2			Nonane, 4-methyl-	142	C10H22	017301-94-9	38
3			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	38
4			Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	35
5			Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092021\
Data File : VY006093.D
Acq On : 20 Sep 2021 13:59
Operator : SY/MD
Sample : M3770-03
Misc : 7.48G/5ML/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SUP-VST-01-(13-15)

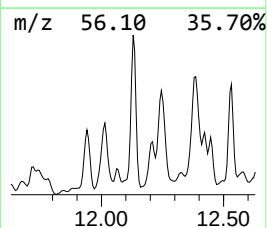
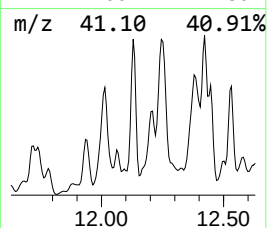
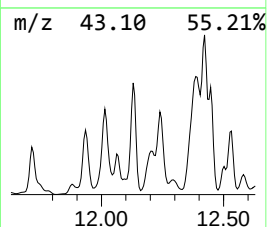
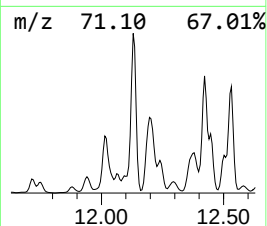
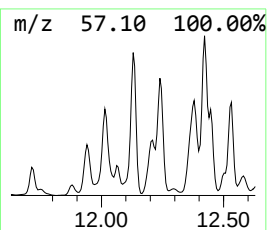
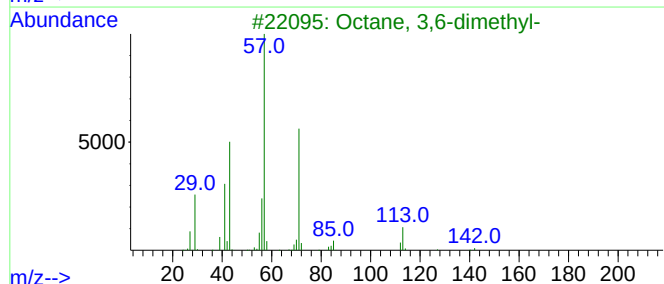
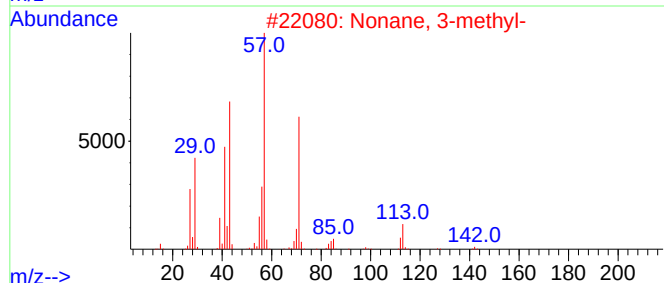
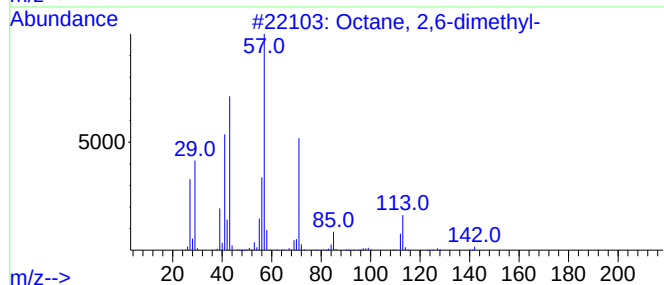
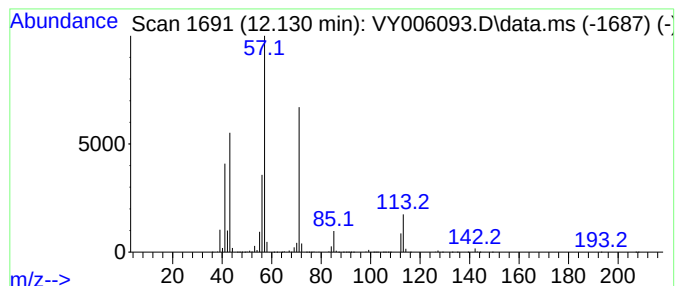
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Quant Title : SW846 8260

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

Peak Number 5 Octane, 2,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.130	586.41 ug/l	20167300	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			Nonane, 3-methyl-	142	C10H22	005911-04-6	90
3			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	74
4			Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S	1000309-19-9	64
5			Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092021\
Data File : VY006093.D
Acq On : 20 Sep 2021 13:59
Operator : SY/MD
Sample : M3770-03
Misc : 7.48G/5ML/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SUP-VST-01-(13-15)

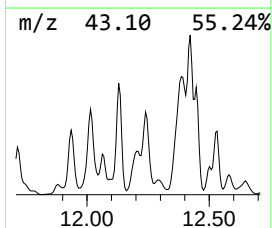
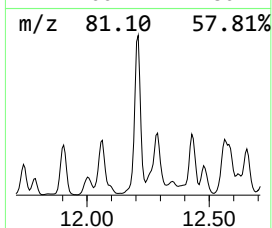
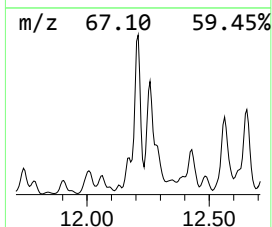
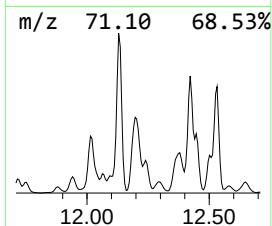
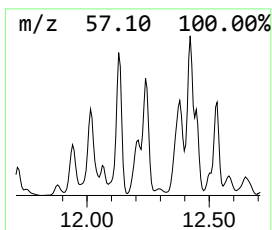
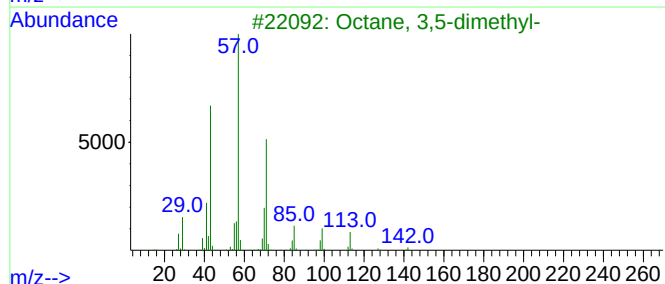
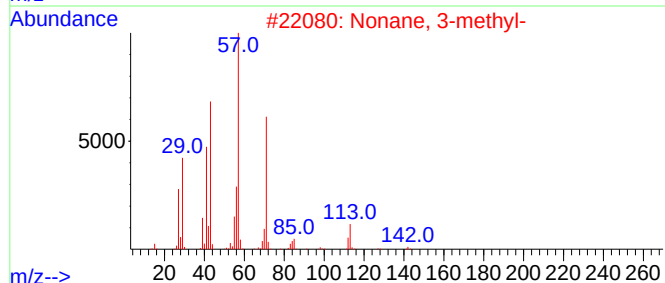
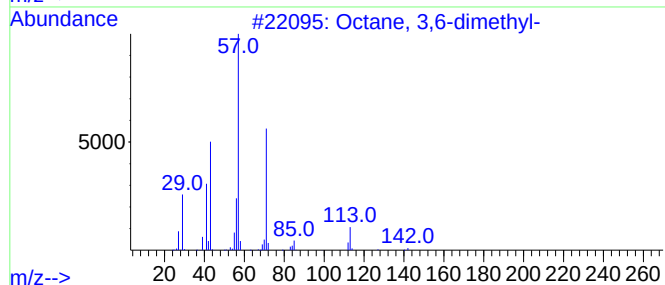
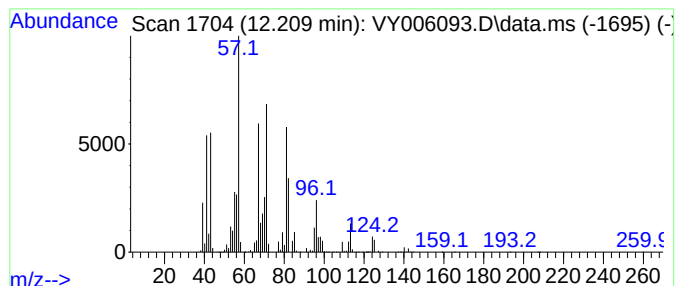
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.209	577.62 ug/l	19865300	Chlorobenzene-d5	11.496

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	50
2			Nonane, 3-methyl-	142	C10H22	005911-04-6	46
3			Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	38
4			1H-Indene, octahydro-, cis-	124	C9H16	004551-51-3	35
5			1H-Indene, octahydro-	124	C9H16	000496-10-6	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092021\
Data File : VY006093.D
Acq On : 20 Sep 2021 13:59
Operator : SY/MD
Sample : M3770-03
Misc : 7.48G/5ML/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SUP-VST-01-(13-15)

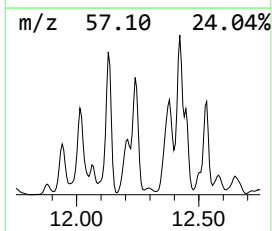
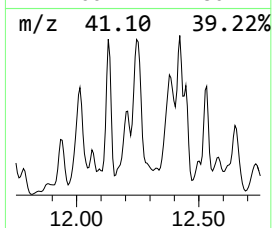
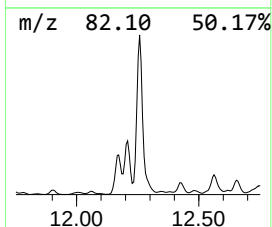
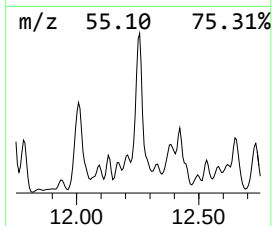
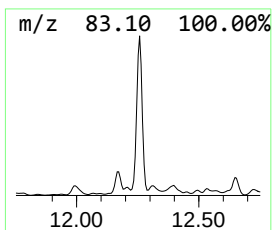
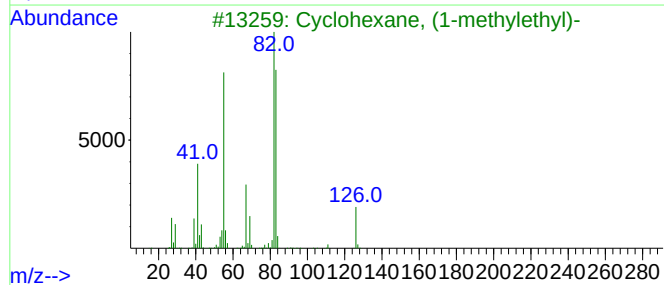
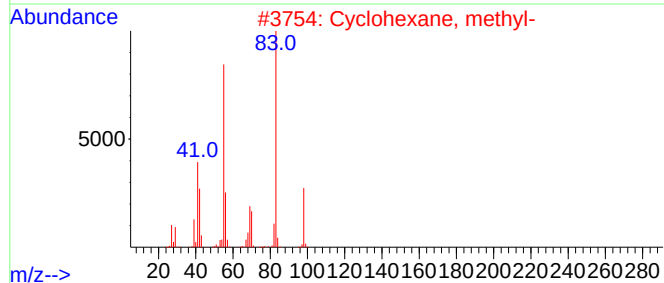
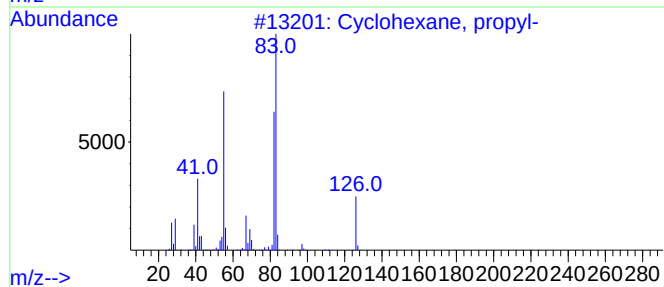
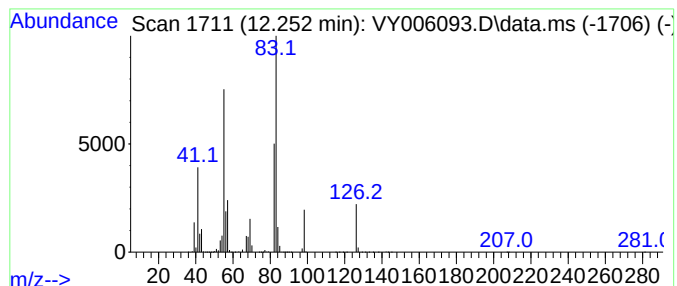
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Quant Title : SW846 8260

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

Peak Number 7 Cyclohexane, propyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.252	983.24 ug/l	33814900	Chlorobenzene-d5	11.496

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, propyl-	126	C9H18	001678-92-8	83
2			Cyclohexane, methyl-	98	C7H14	000108-87-2	58
3			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	52
4			1-Butene, 2,3,3-trimethyl-	98	C7H14	000594-56-9	52
5			Cyclopropane, 1,1,2,2-tetramethyl-	98	C7H14	004127-47-3	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092021\
Data File : VY006093.D
Acq On : 20 Sep 2021 13:59
Operator : SY/MD
Sample : M3770-03
Misc : 7.48G/5ML/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SUP-VST-01-(13-15)

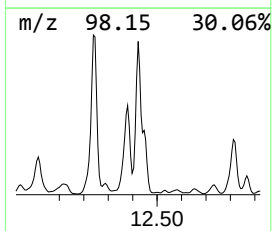
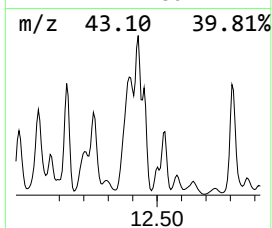
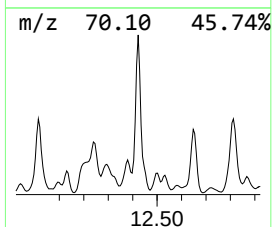
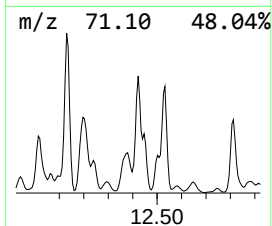
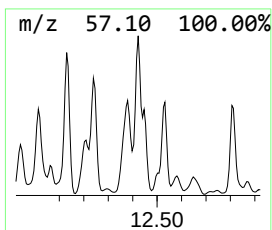
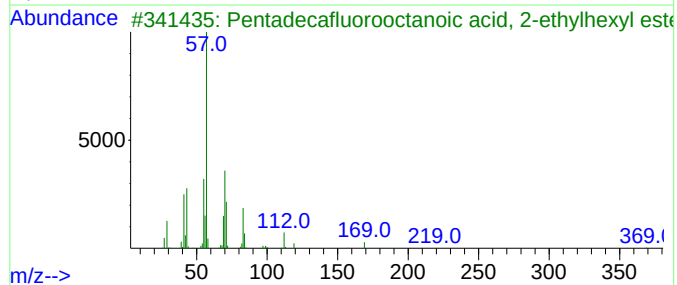
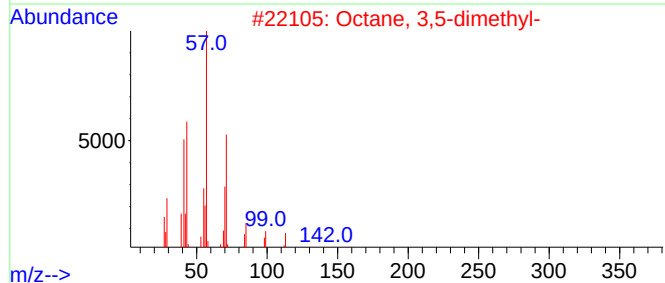
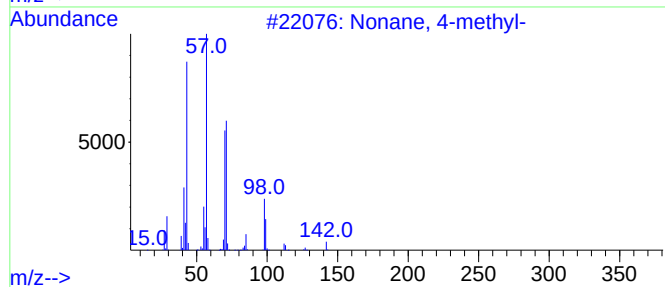
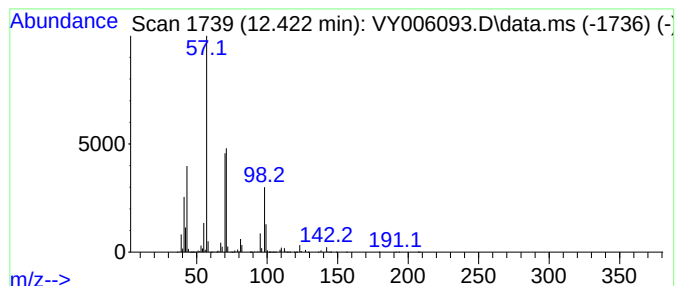
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Quant Title : SW846 8260

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

Peak Number 8 Nonane, 4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.422	309.55 ug/l	10645800	Chlorobenzene-d5	11.496

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 4-methyl-	142	C10H22	017301-94-9	72
2			Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	53
3			Pentadecafluorooctanoic acid, 2-...	526	C16H17F15O2	1000406-80-9	47
4			Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	43
5			Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	42



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092021\
Data File : VY006093.D
Acq On : 20 Sep 2021 13:59
Operator : SY/MD
Sample : M3770-03
Misc : 7.48G/5ML/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SUP-VST-01-(13-15)

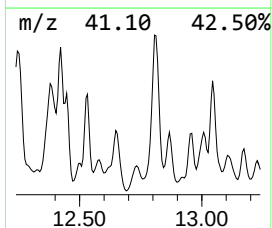
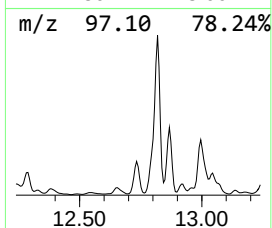
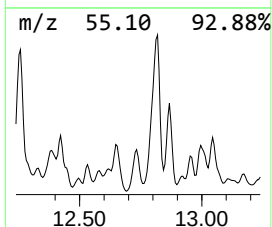
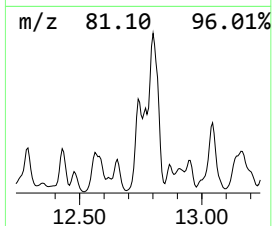
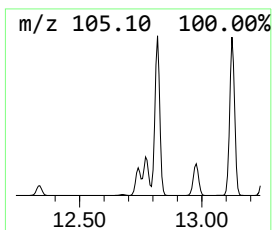
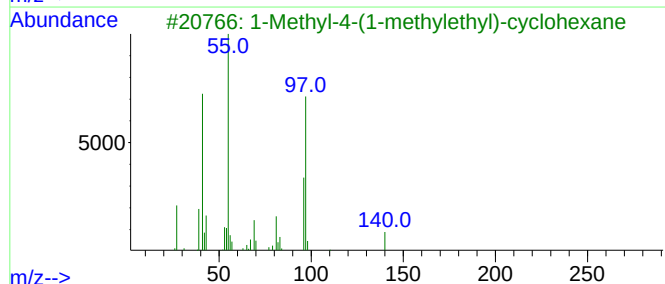
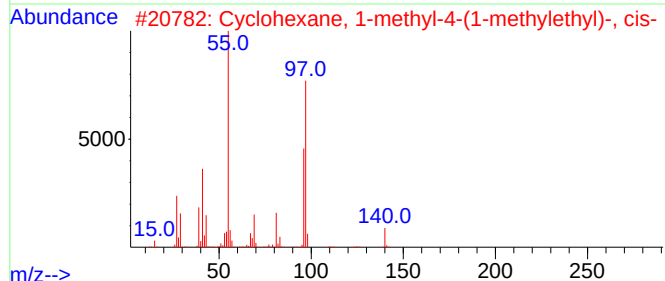
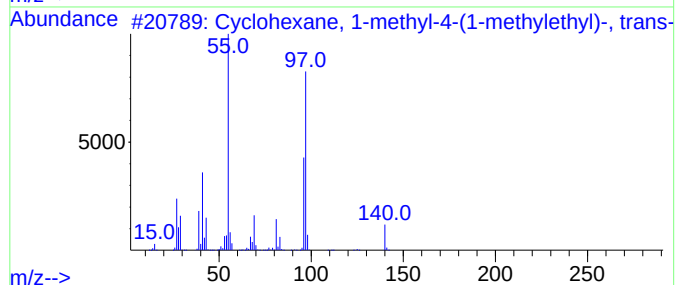
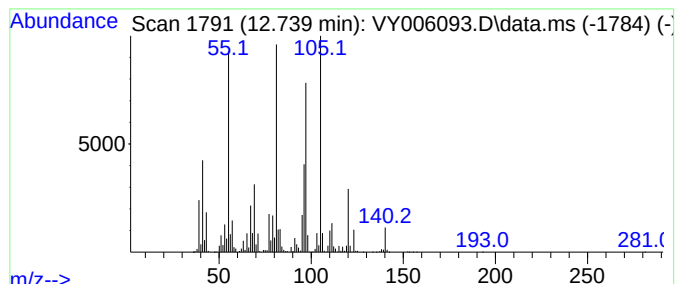
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Quant Title : SW846 8260

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

Peak Number 9 unknown12.739 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.739	253.96 ug/l	12413600	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	45
2			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	43
3			1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	38
4			Oxalic acid, di(cyclohexylmethyl...	282	C16H26O4	1000309-68-5	38
5			Cyclopentene, 1,5-dimethyl-	96	C7H12	016491-15-9	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092021\
Data File : VY006093.D
Acq On : 20 Sep 2021 13:59
Operator : SY/MD
Sample : M3770-03
Misc : 7.48G/5ML/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SUP-VST-01-(13-15)

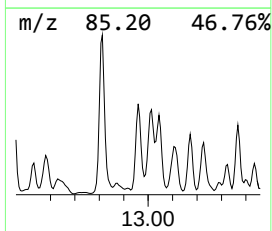
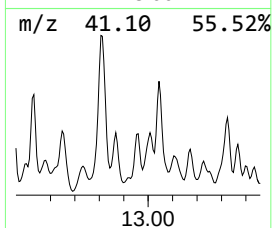
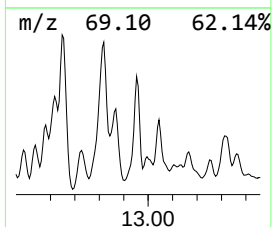
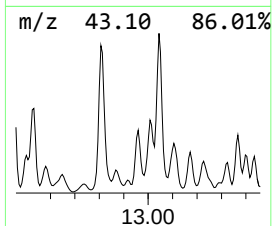
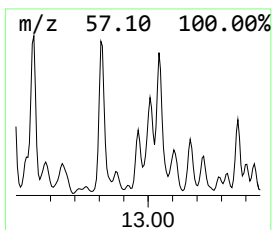
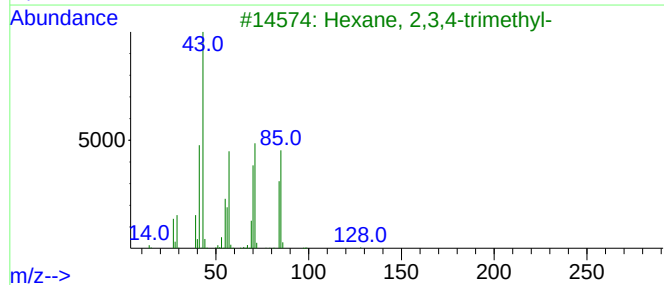
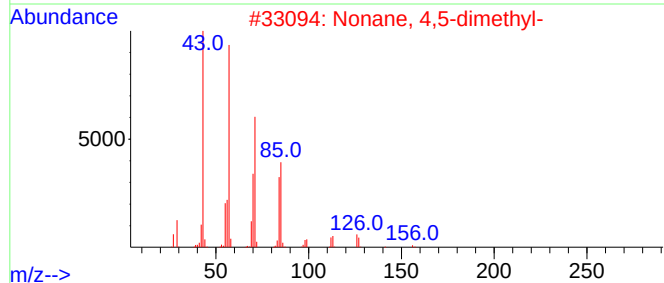
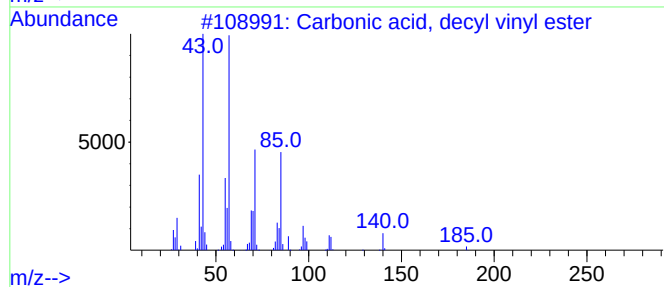
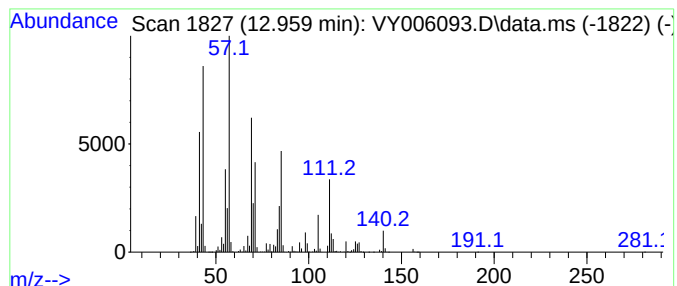
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Quant Title : SW846 8260

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

Peak Number 10 Carbonic acid, decyl vinyl ... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.959	240.78 ug/l	11769500	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, decyl vinyl ester	228	C13H24O3	1000383-25-7	72
2			Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	50
3			Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	46
4			Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	43
5			Methacrylaldehyde, tert-butyl me...	158	C9H18O2	023230-83-3	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092021\
Data File : VY006093.D
Acq On : 20 Sep 2021 13:59
Operator : SY/MD
Sample : M3770-03
Misc : 7.48G/5ML/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SUP-VST-01-(13-15)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.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-	11.386	253.4	ug/l	8715860	3	11.496	1719570	50.0
Hexane, 2,4-dim...	11.935	244.9	ug/l	8421280	3	11.496	1719570	50.0
unknown12.014	12.014	859.8	ug/l	29568800	3	11.496	1719570	50.0
Octane, 2,6-dim...	12.130	586.4	ug/l	20167300	3	11.496	1719570	50.0
Octane, 3,6-dim...	12.209	577.6	ug/l	19865300	3	11.496	1719570	50.0
Cyclohexane, pr...	12.252	983.2	ug/l	33814900	3	11.496	1719570	50.0
Nonane, 4-methyl-	12.422	309.6	ug/l	10645800	3	11.496	1719570	50.0
unknown12.739	12.739	254.0	ug/l	12413600	4	13.428	2444040	50.0
Carbonic acid, ...	12.959	240.8	ug/l	11769500	4	13.428	2444040	50.0