

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033125\
 Data File : VY021725.D
 Acq On : 31 Mar 2025 17:22
 Operator : SY/MD
 Sample : Q1675-11
 Misc : 8.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 T5

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\82Y032725S.M

Title : SW846 8260

Signal : TIC: VY021725.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.616	464	475	484	rBV3	19616	61878	1.70%	0.151%
2	6.592	786	799	810	rBV3	12840	44150	1.21%	0.108%
3	7.634	959	970	976	rBV	262881	632294	17.38%	1.540%
4	7.707	976	982	1003	rVB	402671	901625	24.78%	2.196%
5	8.055	1030	1039	1052	rBV	218499	496273	13.64%	1.209%
6	8.244	1059	1070	1085	rBV	1469419	3420995	94.03%	8.332%
7	8.609	1122	1130	1142	rBV	659855	1322064	36.34%	3.220%
8	9.115	1199	1213	1219	rBV	275461	565494	15.54%	1.377%
9	9.164	1219	1221	1227	rVV3	32807	54054	1.49%	0.132%
10	9.243	1227	1234	1242	rVB	104982	217478	5.98%	0.530%
11	9.390	1249	1258	1266	rBV	50986	105946	2.91%	0.258%
12	9.542	1273	1283	1294	rBV	1262495	2372733	65.22%	5.779%
13	9.670	1295	1304	1317	rBV	1013920	1994901	54.83%	4.859%
14	10.042	1352	1365	1370	rBV	728616	1307802	35.95%	3.185%
15	10.103	1370	1375	1388	rVB	1101077	1877965	51.62%	4.574%
16	10.408	1415	1425	1429	rBV	52370	101981	2.80%	0.248%
17	10.481	1433	1437	1441	rVV3	22194	36397	1.00%	0.089%
18	10.566	1441	1451	1460	rVB	164352	328728	9.04%	0.801%
19	10.737	1474	1479	1484	rVB2	29601	46957	1.29%	0.114%
20	10.829	1484	1494	1501	rVB5	40101	107251	2.95%	0.261%
21	10.932	1507	1511	1516	rVB2	36328	62522	1.72%	0.152%
22	11.011	1516	1524	1530	rBV4	65456	195721	5.38%	0.477%
23	11.066	1530	1533	1546	rVB4	84126	192337	5.29%	0.468%
24	11.243	1554	1562	1568	rVB5	37532	112519	3.09%	0.274%
25	11.341	1568	1578	1582	rBV3	89458	217175	5.97%	0.529%
26	11.414	1582	1590	1595	rBV2	1249937	2279819	62.66%	5.553%
27	11.463	1595	1598	1599	rVV2	53142	61980	1.70%	0.151%
28	11.487	1599	1602	1608	rVB	320167	490538	13.48%	1.195%
29	11.554	1608	1613	1618	rBV3	38954	65699	1.81%	0.160%
30	11.670	1626	1632	1642	rVB	265030	478122	13.14%	1.165%
31	11.767	1642	1648	1650	rBV4	37570	71023	1.95%	0.173%
32	11.822	1651	1657	1660	rVB5	41408	73432	2.02%	0.179%
33	11.865	1660	1664	1667	rBV2	94767	140514	3.86%	0.342%
34	11.908	1667	1671	1679	rVB5	64147	187974	5.17%	0.458%
35	11.981	1679	1683	1686	rBV	70117	101069	2.78%	0.246%
36	12.036	1686	1692	1696	rVB	107375	205478	5.65%	0.500%

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Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

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Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
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37	12.127	1702	1707	1716	rVB4	83888	212244	5.83%	0.517%
38	12.231	1716	1724	1731	rBV7	42052	128188	3.52%	0.312%
39	12.298	1731	1735	1741	rVB6	26539	57114	1.57%	0.139%
40	12.389	1743	1750	1759	rVB2	1776558	3638225	100.00%	8.861%
41	12.481	1759	1765	1766	rBV	170627	233841	6.43%	0.570%
42	12.554	1772	1777	1786	rVB	398767	973238	26.75%	2.370%
43	12.651	1786	1793	1798	rBV6	53415	137227	3.77%	0.334%
44	12.755	1800	1810	1815	rVV3	294057	695274	19.11%	1.693%
45	12.810	1816	1819	1822	rVV	85032	122424	3.36%	0.298%
46	12.853	1822	1826	1832	rVV	115229	190385	5.23%	0.464%
47	12.920	1832	1837	1841	rVV2	205105	367373	10.10%	0.895%
48	12.962	1841	1844	1845	rVV	177243	230318	6.33%	0.561%
49	12.993	1845	1849	1858	rVB	985953	1475045	40.54%	3.593%
50	13.096	1861	1866	1872	rVB	349854	556116	15.29%	1.354%
51	13.206	1872	1884	1892	rBV	1630110	2768952	76.11%	6.744%
52	13.273	1892	1895	1898	rBV	69164	78551	2.16%	0.191%
53	13.346	1898	1907	1911	rBV2	982015	1914620	52.63%	4.663%
54	13.401	1911	1916	1926	rVB	1398344	3020483	83.02%	7.357%
55	13.487	1926	1930	1936	rBV3	73401	179468	4.93%	0.437%
56	13.566	1937	1943	1950	rVB	501749	840717	23.11%	2.048%
57	13.639	1951	1955	1959	rBV	68715	97557	2.68%	0.238%
58	13.700	1962	1965	1968	rBV2	68947	93046	2.56%	0.227%
59	13.749	1968	1973	1978	rVB2	141543	275741	7.58%	0.672%
60	13.816	1981	1984	1990	rVB3	41830	76976	2.12%	0.187%
61	13.883	1990	1995	1998	rBV2	173342	305622	8.40%	0.744%
62	13.999	2010	2014	2018	rBV5	32779	55088	1.51%	0.134%
63	14.072	2019	2026	2039	rVB5	93394	264705	7.28%	0.645%
64	14.176	2039	2043	2049	rBV7	41711	103417	2.84%	0.252%
65	14.304	2059	2064	2073	rVB3	203054	455348	12.52%	1.109%
66	14.383	2074	2077	2083	rVB6	28646	49375	1.36%	0.120%
67	14.480	2089	2093	2099	rVB3	46843	89183	2.45%	0.217%
68	14.547	2099	2104	2106	rBV5	20929	40099	1.10%	0.098%
69	14.645	2117	2120	2127	rVB5	40771	73833	2.03%	0.180%
70	14.907	2159	2163	2169	rBV8	26364	65119	1.79%	0.159%
71	15.133	2197	2200	2205	rVB2	54098	84904	2.33%	0.207%
72	15.712	2291	2295	2300	rBV3	34583	66382	1.82%	0.162%
73	15.791	2304	2308	2318	rVB2	51004	108421	2.98%	0.264%

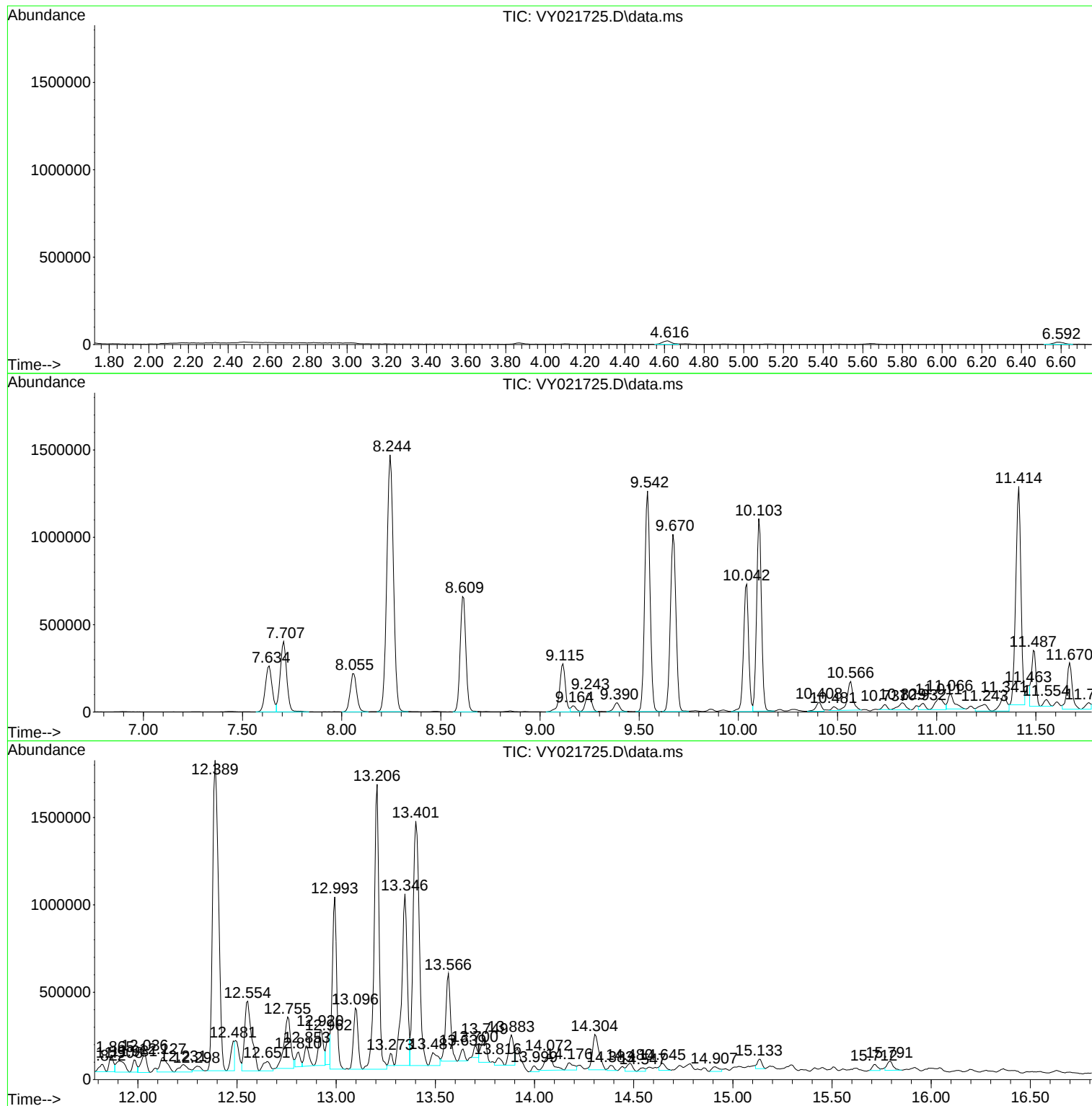
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Instrument :
MSVOA_Y
ClientSampleId :
T5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260

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



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Data File : VY021725.D
Acq On : 31 Mar 2025 17:22
Operator : SY/MD
Sample : Q1675-11
Misc : 8.02g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T5

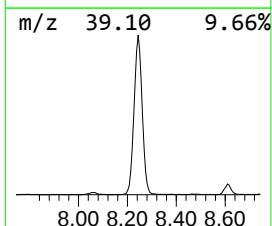
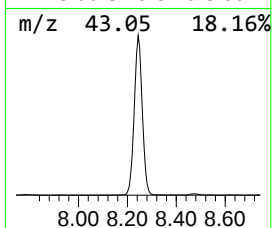
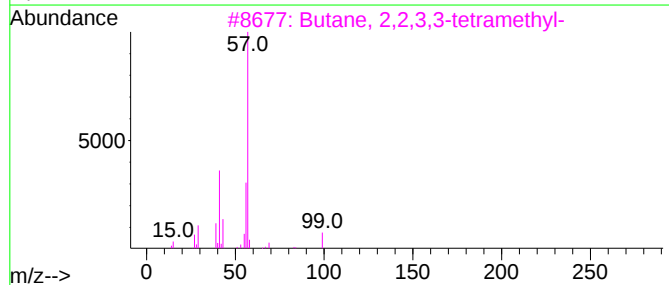
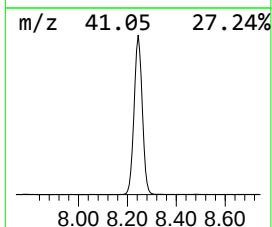
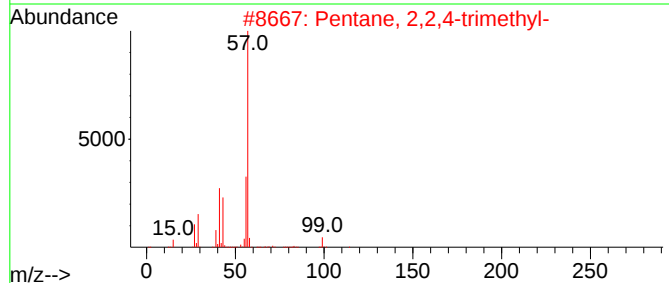
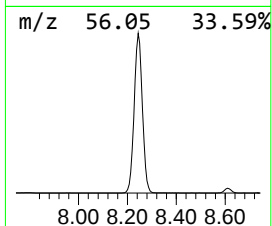
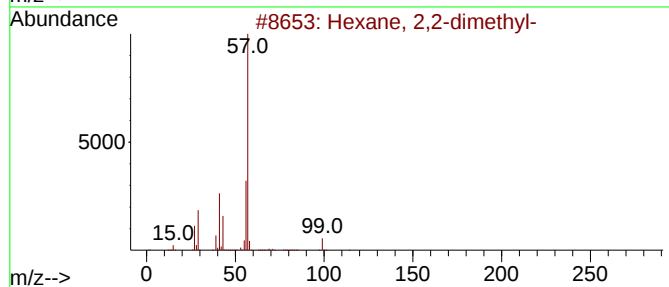
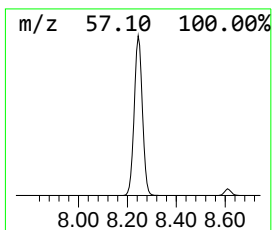
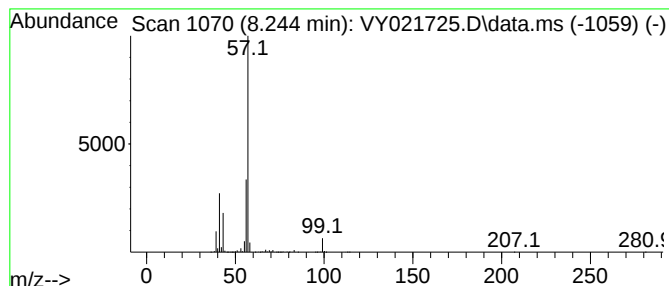
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260

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

Peak Number 1 Hexane, 2,2-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.244	129.38 ug/l	3421000	1,4-Difluorobenzene	8.616

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	83
2			Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	83
3			Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	83
4			Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	72
5			Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	64



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Misc : 8.02g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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T5

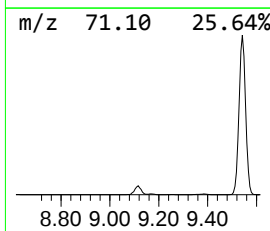
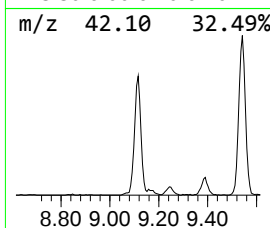
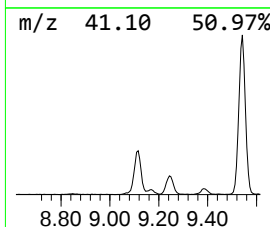
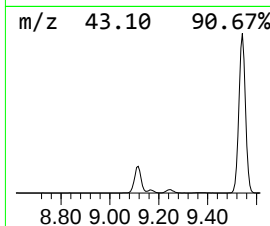
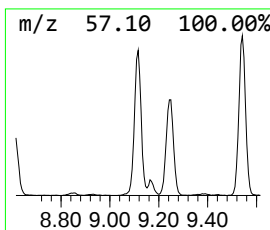
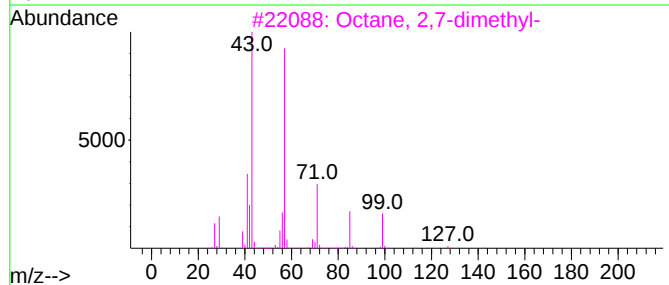
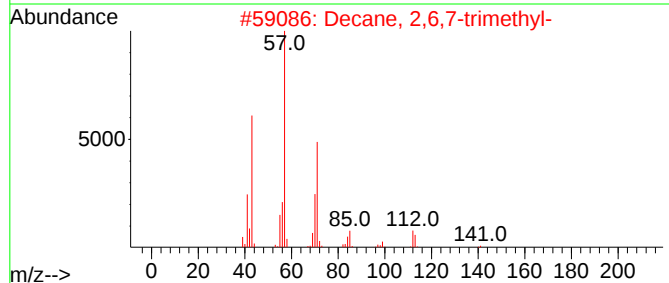
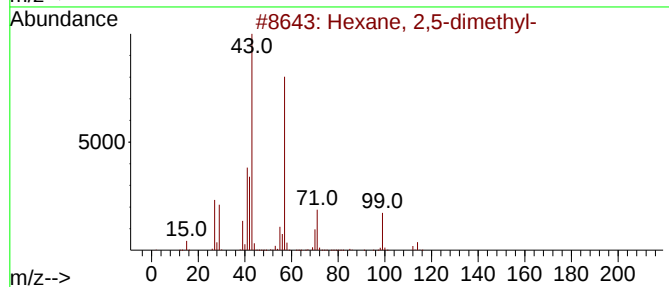
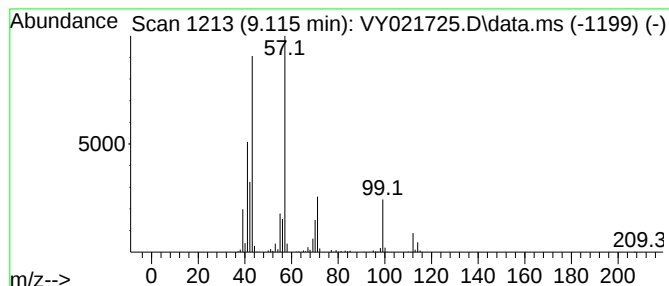
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260

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

Peak Number 2 Hexane, 2,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.115	21.39 ug/l	565494	1,4-Difluorobenzene	8.616

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	91
2			Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	53
3			Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	53
4			Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	53
5			2-Isopropyl-4H-oxazol-5-one	127	C6H9NO2	1000190-01-9	50



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ClientSampleId :
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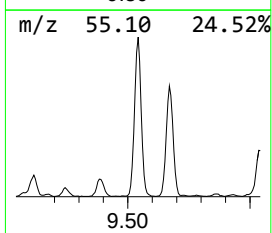
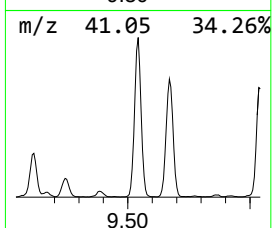
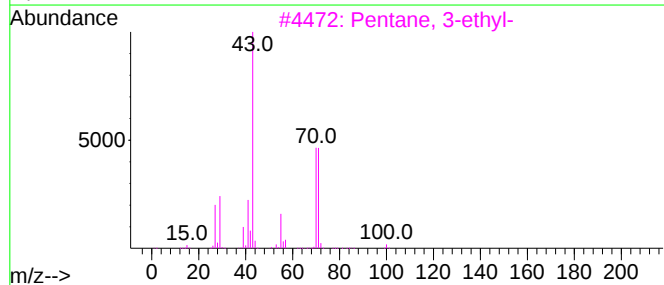
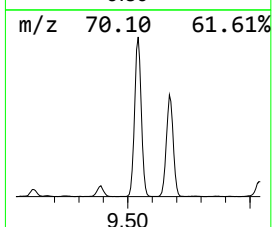
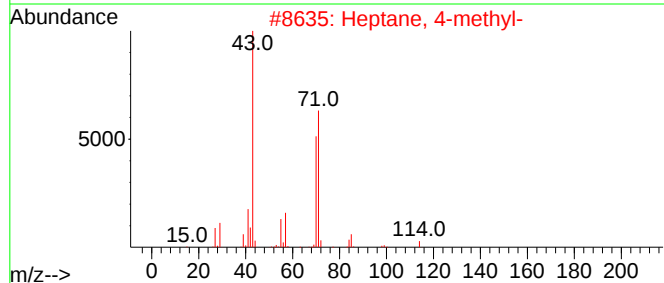
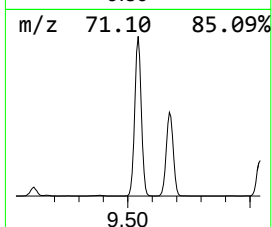
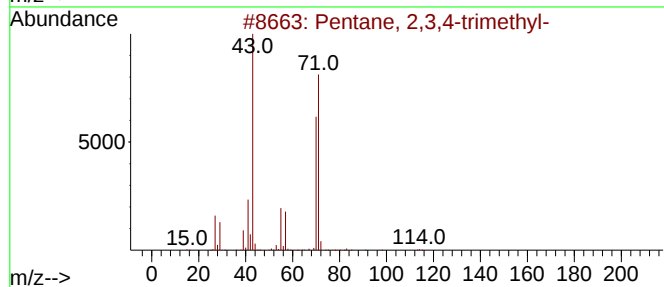
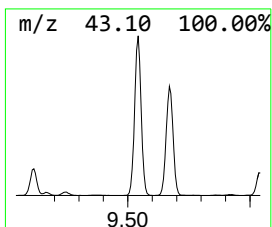
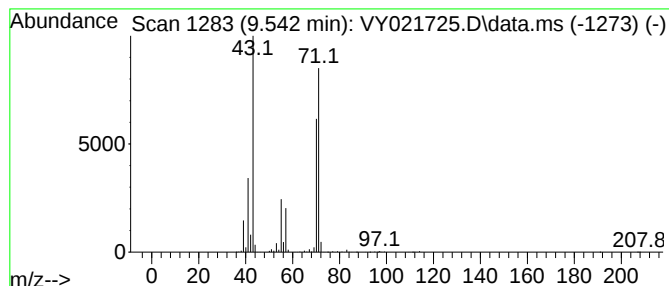
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Quant Title : SW846 8260

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

Peak Number 3 Pentane, 2,3,4-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.542	89.74 ug/l	2372730	1,4-Difluorobenzene	8.616

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	91
2			Heptane, 4-methyl-	114	C8H18	000589-53-7	83
3			Pentane, 3-ethyl-	100	C7H16	000617-78-7	83
4			Hexane, 3-methyl-	100	C7H16	000589-34-4	78
5			2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	78



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Instrument :
MSVOA_Y
ClientSampleId :
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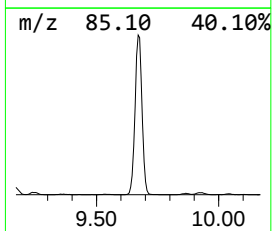
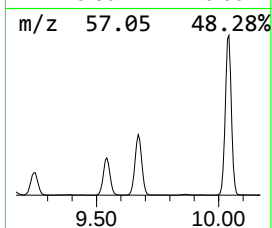
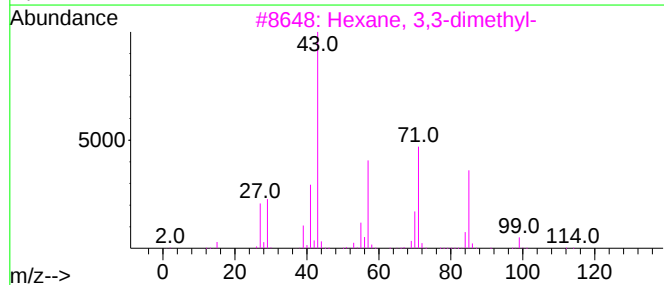
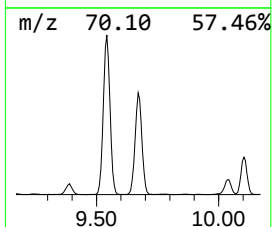
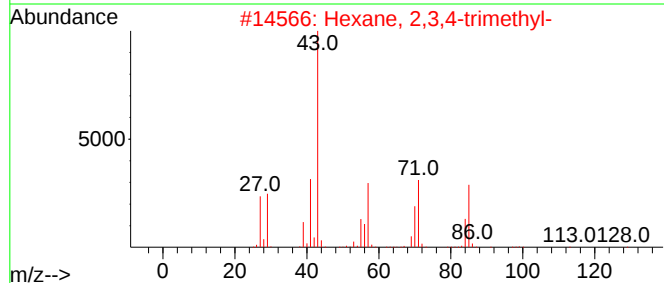
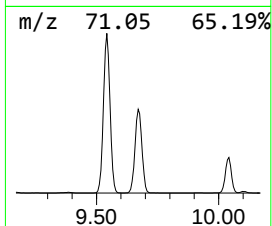
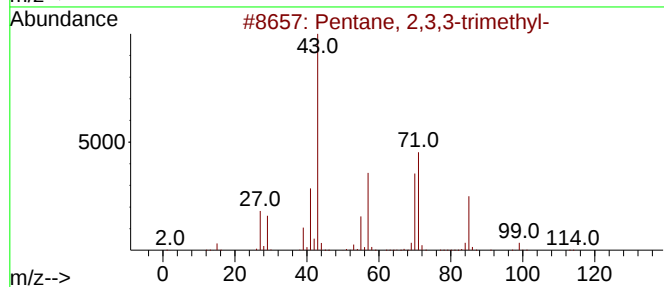
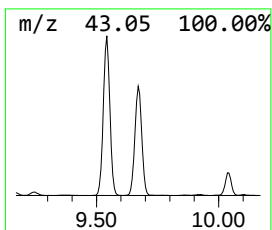
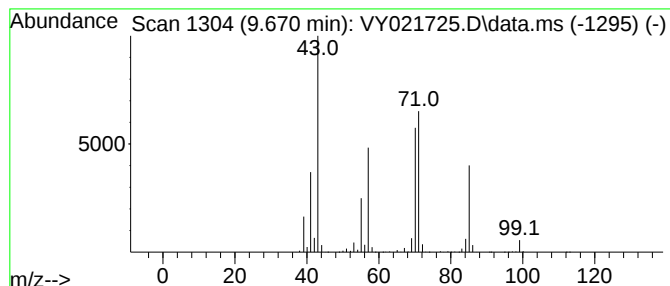
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260

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

Peak Number 4 Pentane, 2,3,3-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.670	75.45 ug/l	1994900	1,4-Difluorobenzene	8.616

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	90
2			Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	64
3			Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	64
4			Hexane, 3-methyl-	100	C7H16	000589-34-4	53
5			Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033125\
Data File : VY021725.D
Acq On : 31 Mar 2025 17:22
Operator : SY/MD
Sample : Q1675-11
Misc : 8.02g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T5

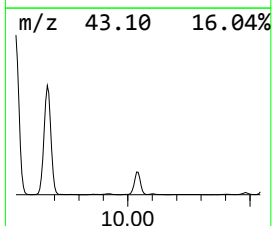
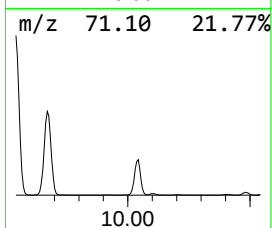
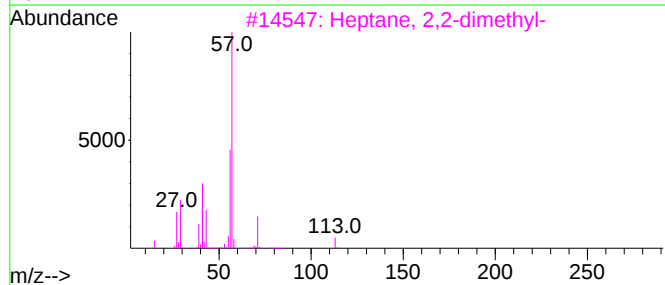
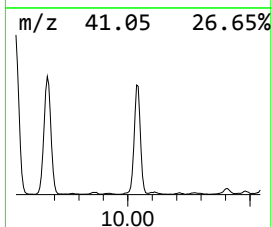
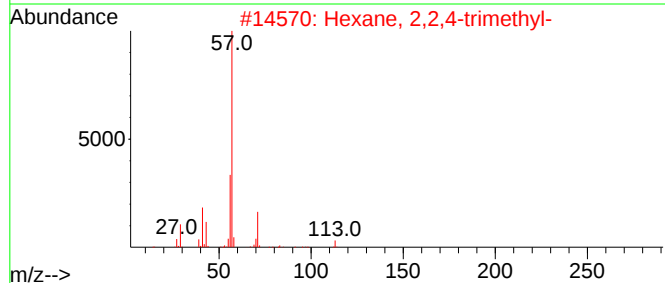
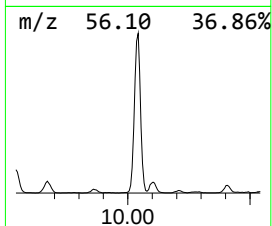
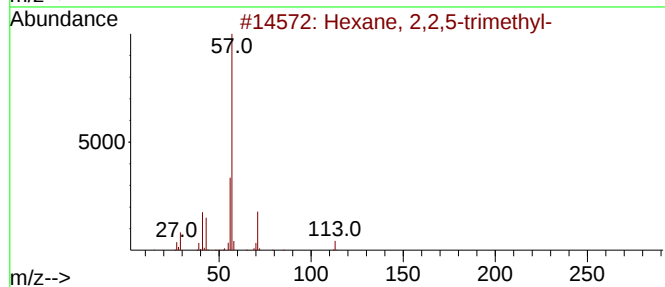
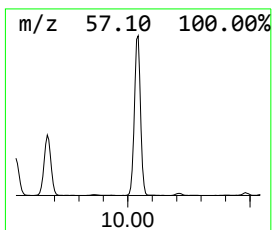
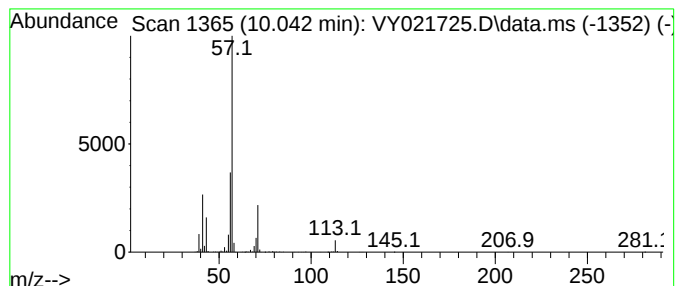
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Quant Title : SW846 8260

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

Peak Number 5 Hexane, 2,2,5-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.042	28.68 ug/l	1307800	Chlorobenzene-d5	11.414

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	83
2			Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	83
3			Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	78
4			Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	72
5			Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033125\
Data File : VY021725.D
Acq On : 31 Mar 2025 17:22
Operator : SY/MD
Sample : Q1675-11
Misc : 8.02g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T5

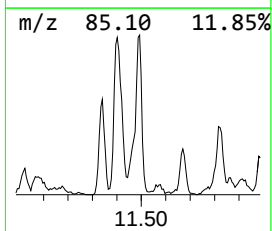
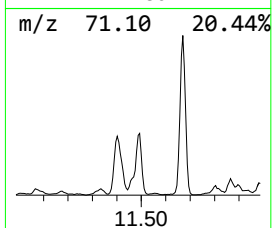
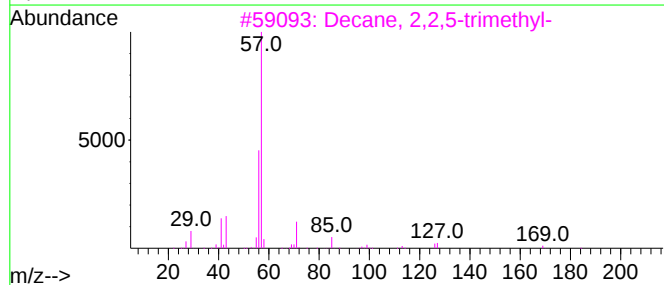
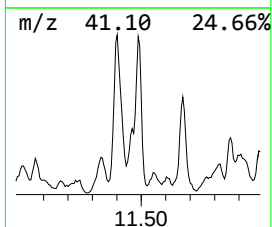
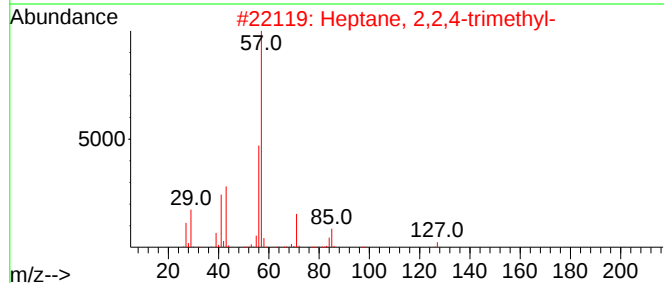
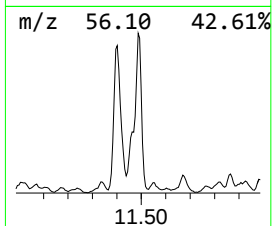
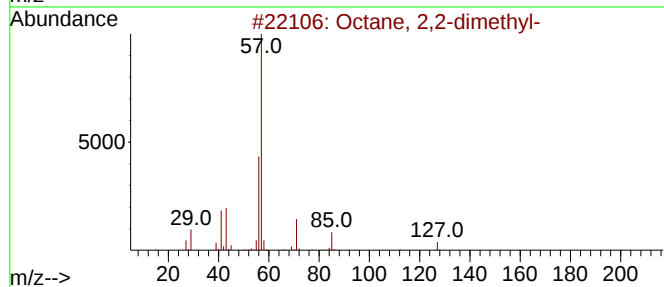
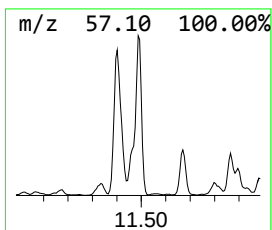
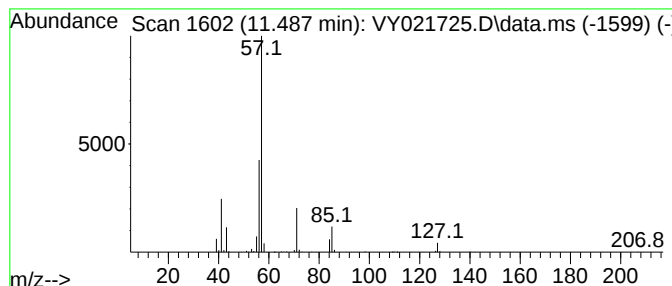
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Quant Title : SW846 8260

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

Peak Number 6 Octane, 2,2-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.487	10.76 ug/l	490538	Chlorobenzene-d5	11.414

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octane, 2,2-dimethyl-	142	C10H22	015869-87-1	83
2		Heptane, 2,2,4-trimethyl-	142	C10H22	014720-74-2	83
3		Decane, 2,2,5-trimethyl-	184	C13H28	062237-96-1	78
4		Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	78
5		Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	78



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033125\
Data File : VY021725.D
Acq On : 31 Mar 2025 17:22
Operator : SY/MD
Sample : Q1675-11
Misc : 8.02g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T5

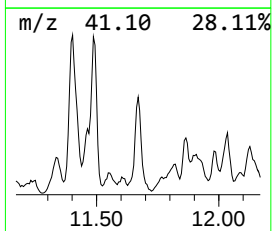
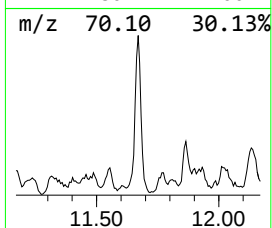
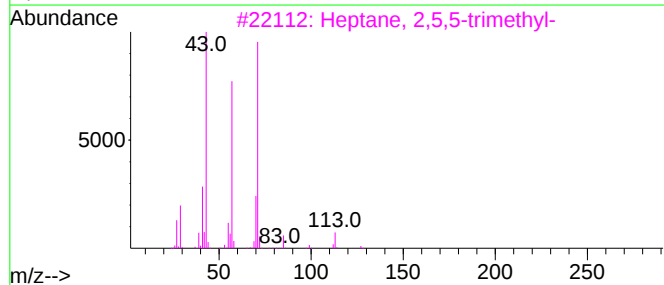
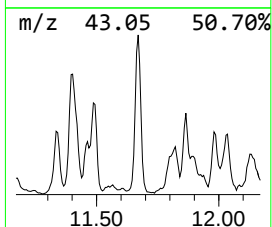
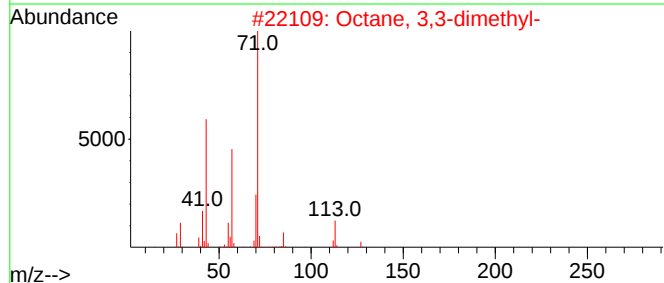
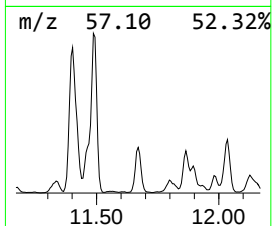
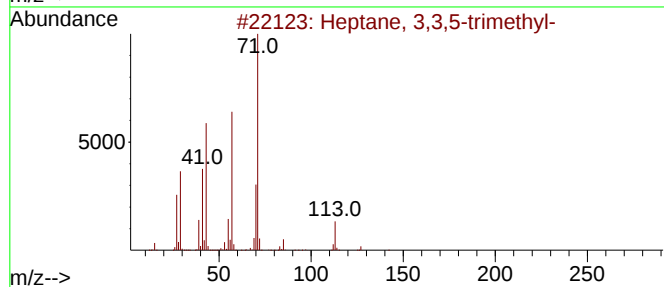
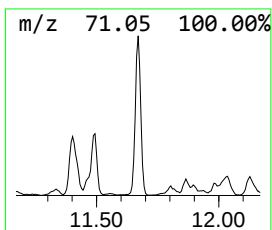
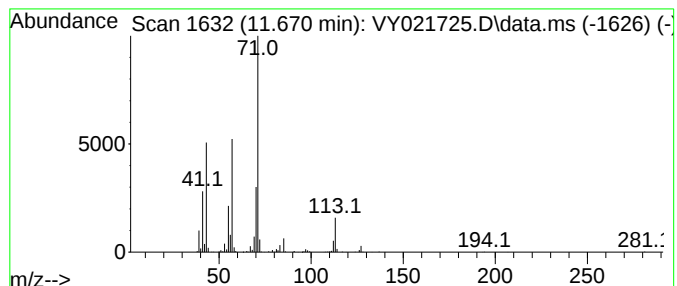
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Quant Title : SW846 8260

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

Peak Number 7 Heptane, 3,3,5-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.670	10.49 ug/l	478122	Chlorobenzene-d5	11.414

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	90
2			Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	83
3			Heptane, 2,5,5-trimethyl-	142	C10H22	001189-99-7	78
4			Sulfurous acid, octyl 2-pentyl e...	264	C13H28O3S	1000309-15-7	78
5			1,1-Dimethylpropyl 2-ethylhexanoate	214	C13H26O2	1000099-99-2	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033125\
Data File : VY021725.D
Acq On : 31 Mar 2025 17:22
Operator : SY/MD
Sample : Q1675-11
Misc : 8.02g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T5

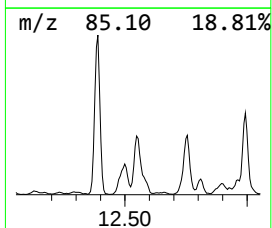
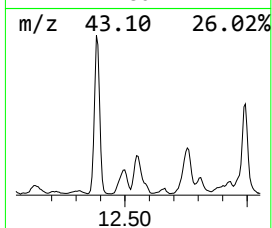
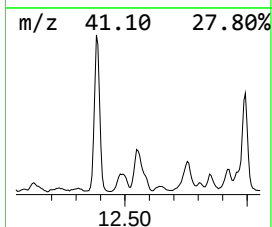
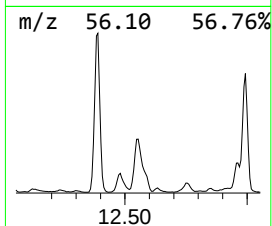
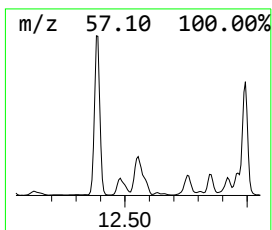
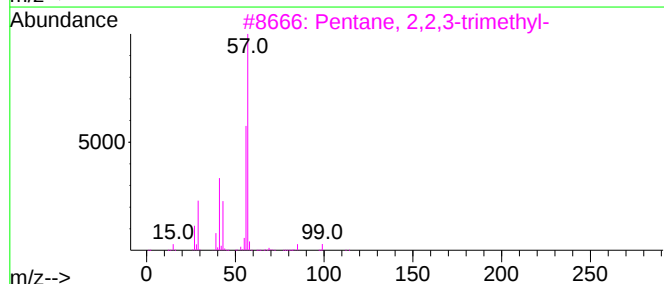
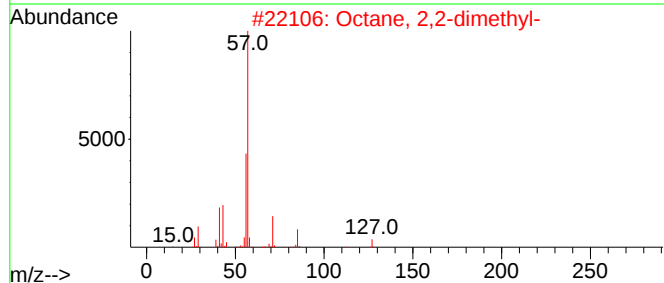
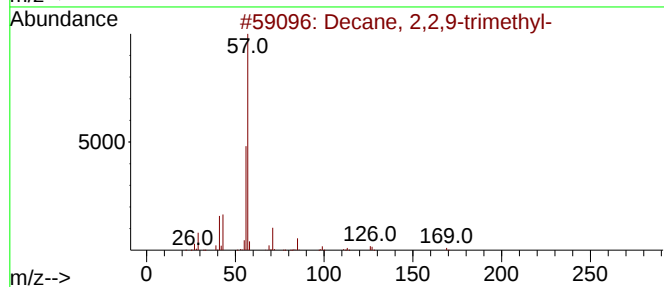
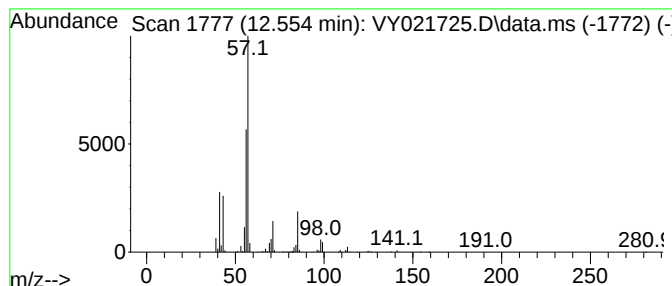
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Quant Title : SW846 8260

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

Peak Number 8 Decane, 2,2,9-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.554	25.42 ug/l	973238	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2,2,9-trimethyl-	184	C13H28	062238-00-0	72
2			Octane, 2,2-dimethyl-	142	C10H22	015869-87-1	59
3			Pentane, 2,2,3-trimethyl-	114	C8H18	000564-02-3	53
4			Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	53
5			2,2,6,6-Tetramethylheptane	156	C11H24	040117-45-1	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033125\
Data File : VY021725.D
Acq On : 31 Mar 2025 17:22
Operator : SY/MD
Sample : Q1675-11
Misc : 8.02g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T5

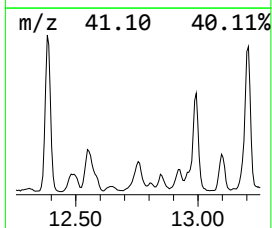
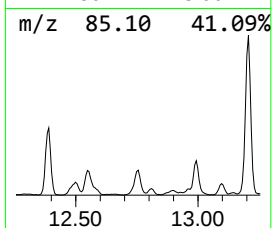
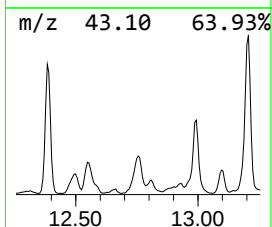
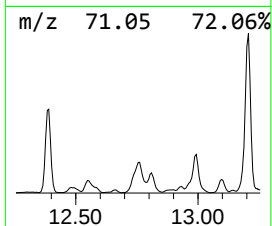
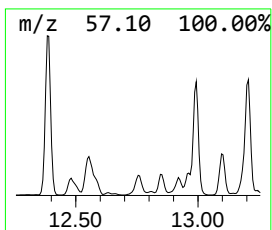
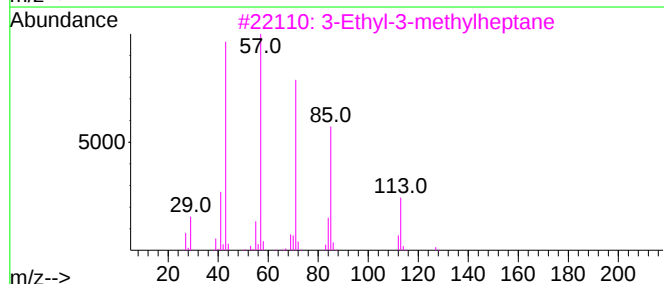
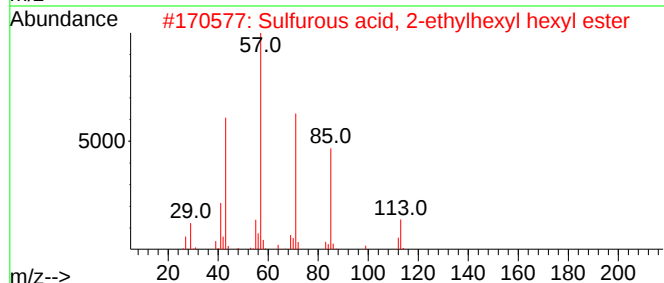
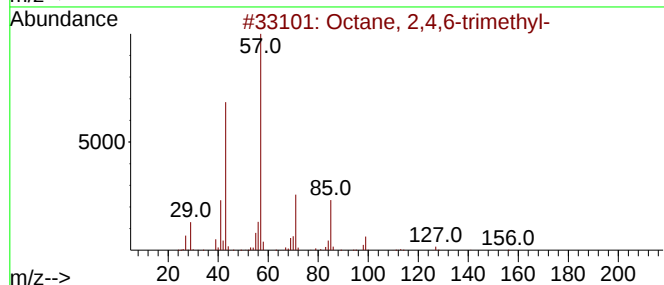
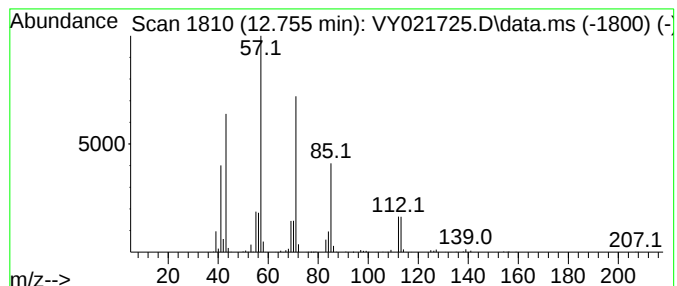
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Quant Title : SW846 8260

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

Peak Number 9 Octane, 2,4,6-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.755	18.16 ug/l	695274	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	72
2			Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	72
3			3-Ethyl-3-methylheptane	142	C10H22	017302-01-1	72
4			Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	72
5			Tridecane	184	C13H28	000629-50-5	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033125\
Data File : VY021725.D
Acq On : 31 Mar 2025 17:22
Operator : SY/MD
Sample : Q1675-11
Misc : 8.02g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T5

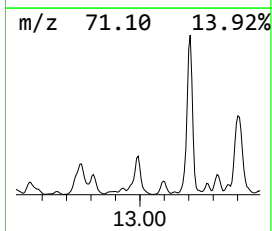
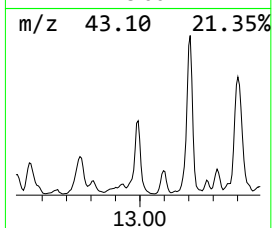
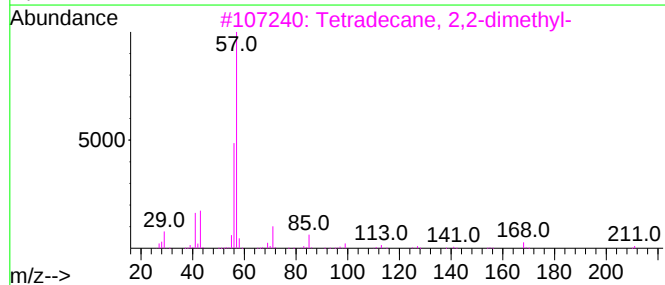
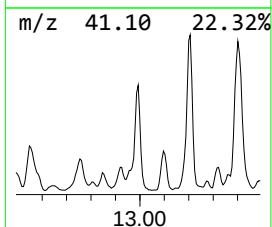
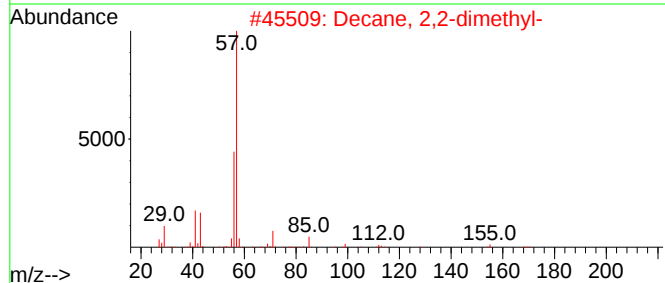
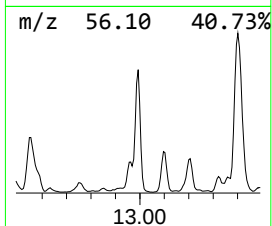
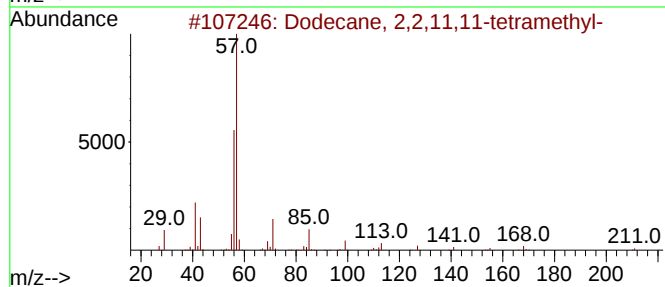
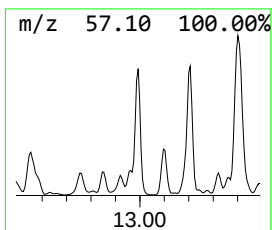
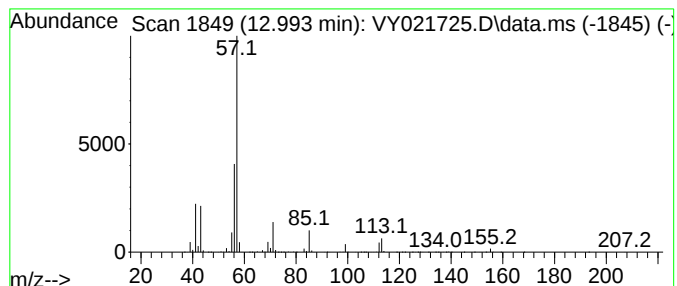
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Quant Title : SW846 8260

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

Peak Number 10 Dodecane, 2,2,11,11-tetrame... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.993	38.52 ug/l	1475050	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,2,11,11-tetramethyl-	226	C16H34	127204-12-0	80
2			Decane, 2,2-dimethyl-	170	C12H26	017302-37-3	78
3			Tetradecane, 2,2-dimethyl-	226	C16H34	059222-86-5	72
4			Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	72
5			Undecane, 2,2-dimethyl-	184	C13H28	017312-64-0	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033125\
Data File : VY021725.D
Acq On : 31 Mar 2025 17:22
Operator : SY/MD
Sample : Q1675-11
Misc : 8.02g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T5

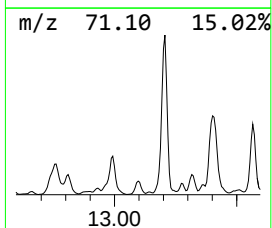
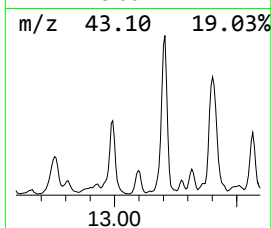
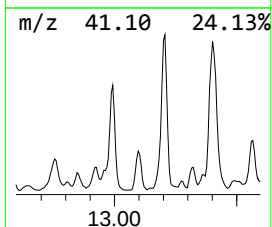
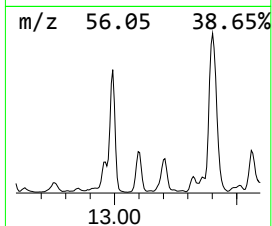
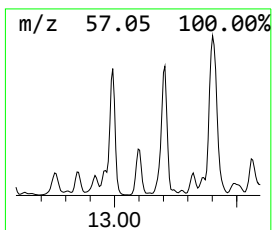
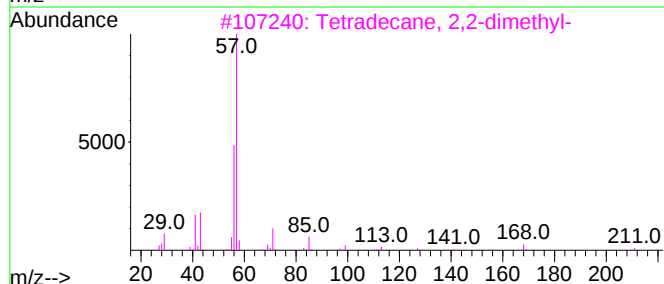
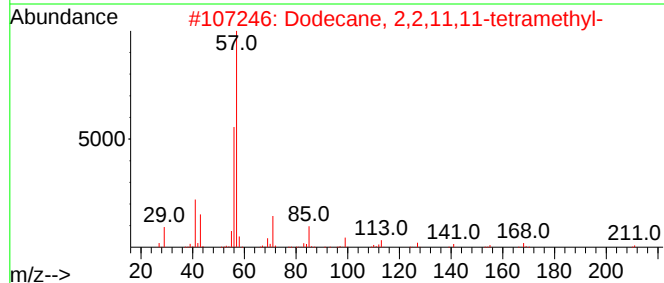
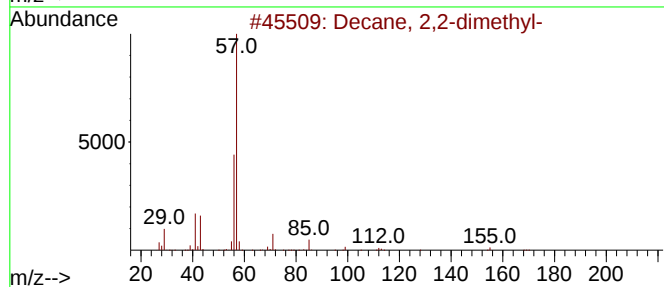
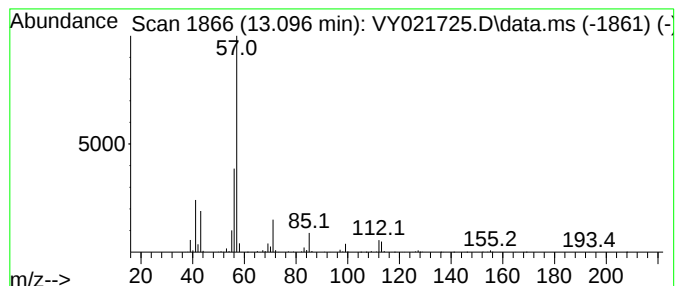
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Quant Title : SW846 8260

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

Peak Number 11 Decane, 2,2-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.097	14.52 ug/l	556116	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2,2-dimethyl-	170	C12H26	017302-37-3	78
2			Dodecane, 2,2,11,11-tetramethyl-	226	C16H34	127204-12-0	72
3			Tetradecane, 2,2-dimethyl-	226	C16H34	059222-86-5	72
4			Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	72
5			Decane, 2,2,5-trimethyl-	184	C13H28	062237-96-1	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033125\
Data File : VY021725.D
Acq On : 31 Mar 2025 17:22
Operator : SY/MD
Sample : Q1675-11
Misc : 8.02g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T5

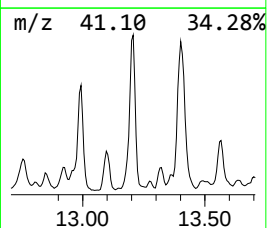
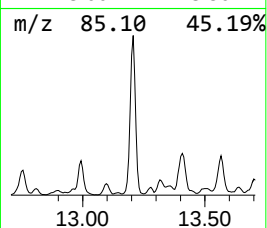
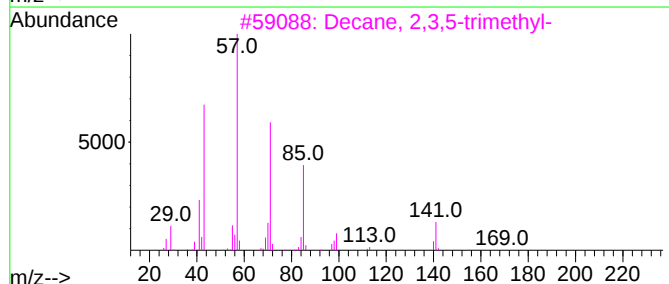
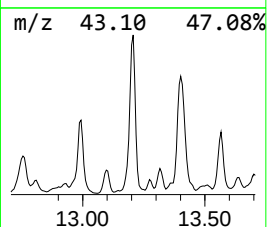
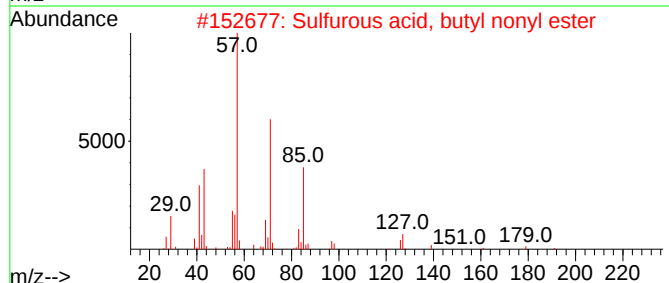
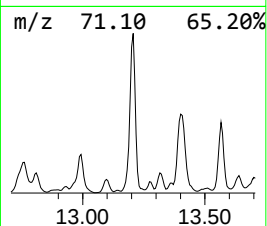
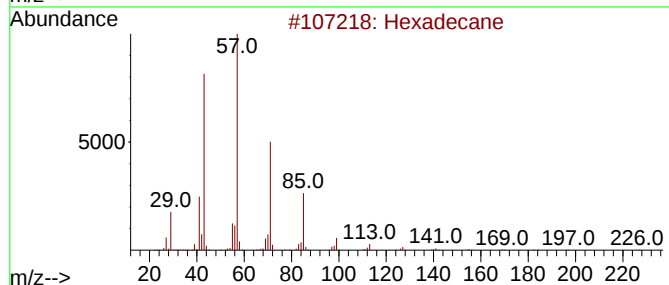
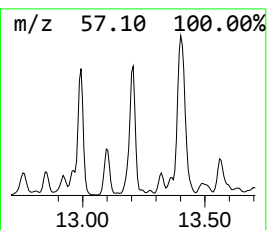
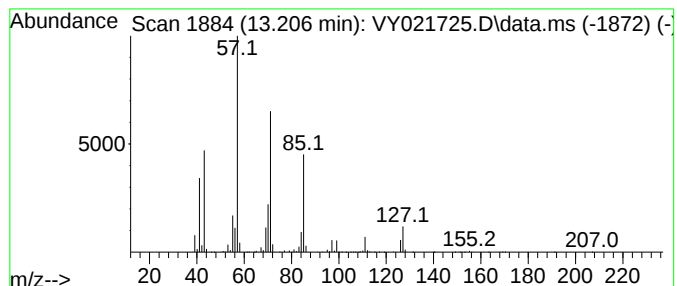
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Quant Title : SW846 8260

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

Peak Number 12 Hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.206	72.31 ug/l	2768950	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	64
2			Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	64
3			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	59
4			Oxalic acid, 6-ethyloct-3-yl iso...	286	C16H30O4	1010309-34-1	59
5			Pentan-2-yl 2-methylbutanoate	172	C10H20O2	1000372-71-7	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033125\
Data File : VY021725.D
Acq On : 31 Mar 2025 17:22
Operator : SY/MD
Sample : Q1675-11
Misc : 8.02g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T5

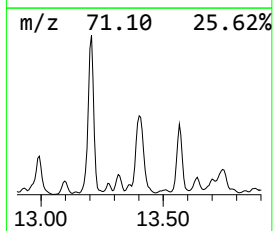
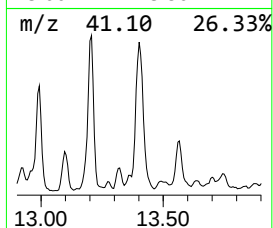
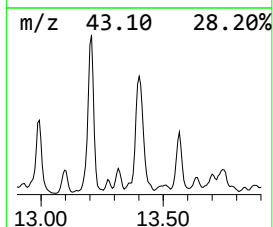
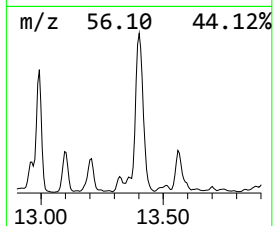
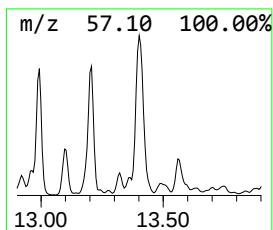
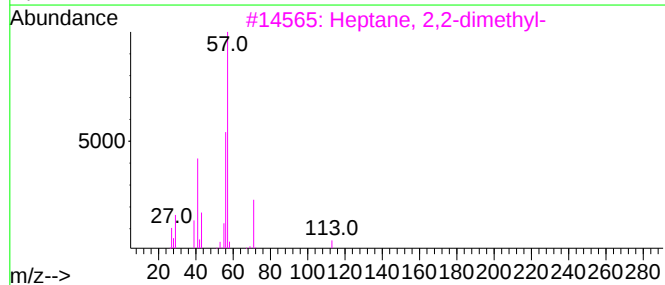
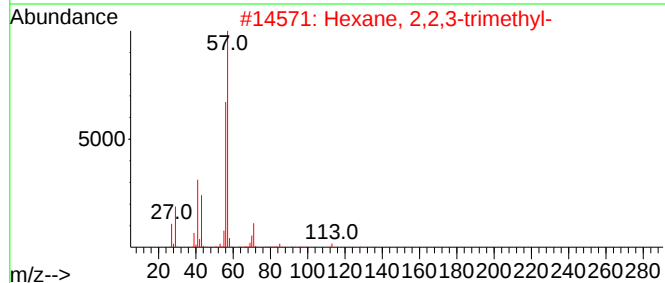
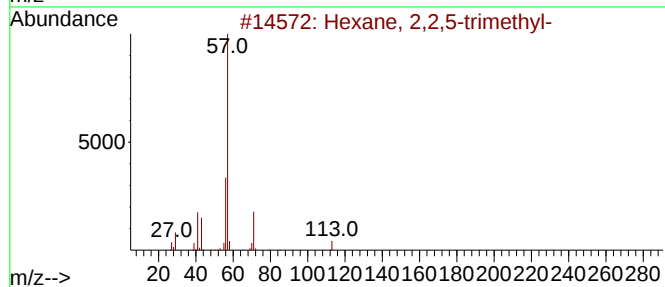
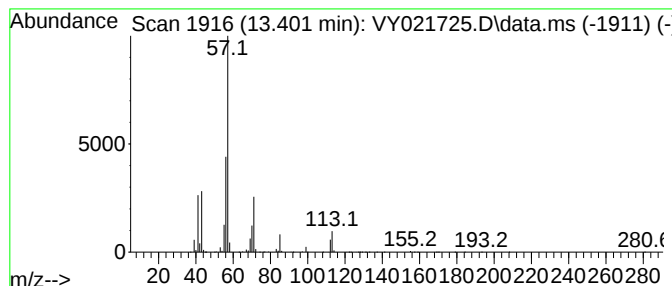
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Quant Title : SW846 8260

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

Peak Number 13 Hexane, 2,2,3-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.401	78.88 ug/l	3020480	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	72
2			Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	64
3			Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	59
4			Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	53
5			Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033125\
Data File : VY021725.D
Acq On : 31 Mar 2025 17:22
Operator : SY/MD
Sample : Q1675-11
Misc : 8.02g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T5

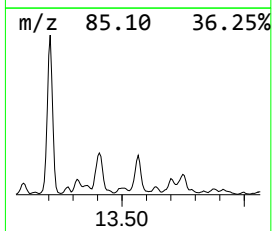
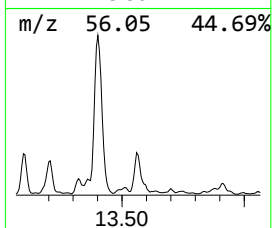
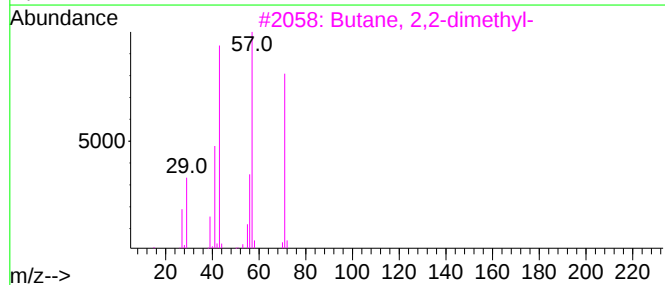
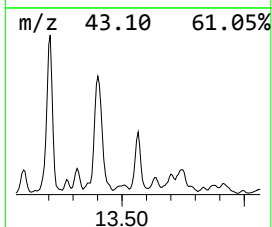
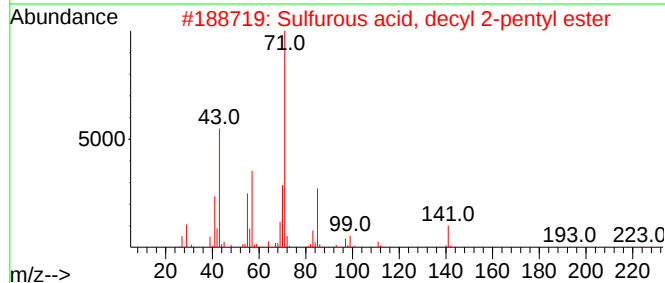
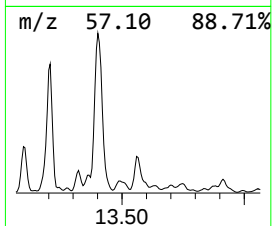
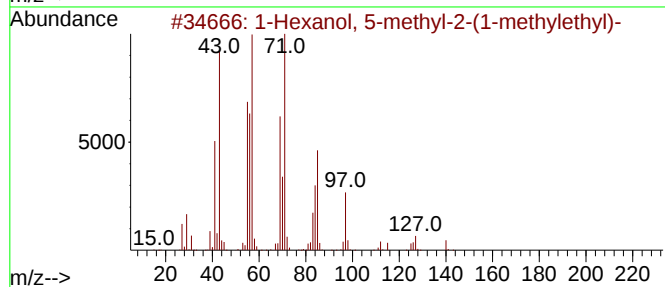
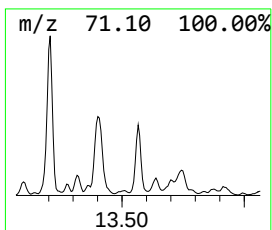
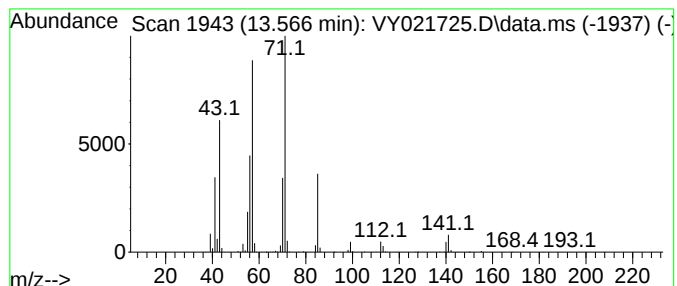
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260

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

Peak Number 14 1-Hexanol, 5-methyl-2-(1-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.566	21.96 ug/l	840717	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Hexanol, 5-methyl-2-(1-methyle...	158	C10H22O	002051-33-4	83
2			Sulfurous acid, decyl 2-pentyl e...	292	C15H32O3S	1000309-15-9	53
3			Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	53
4			Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	50
5			Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033125\
Data File : VY021725.D
Acq On : 31 Mar 2025 17:22
Operator : SY/MD
Sample : Q1675-11
Misc : 8.02g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

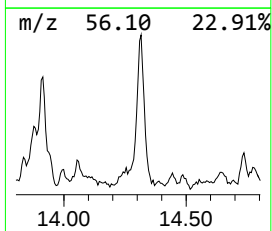
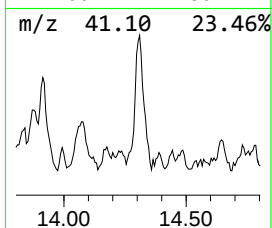
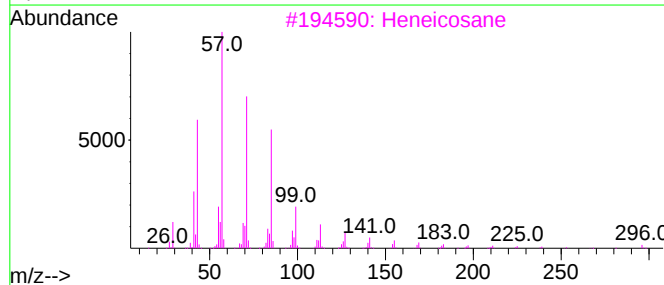
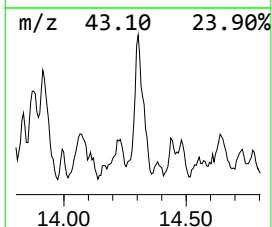
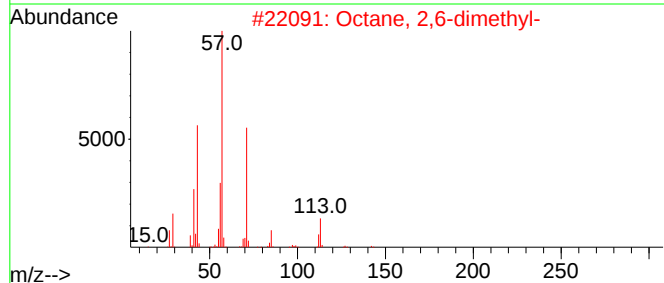
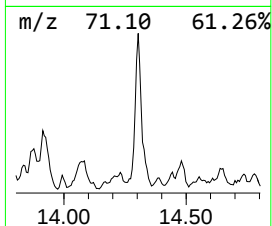
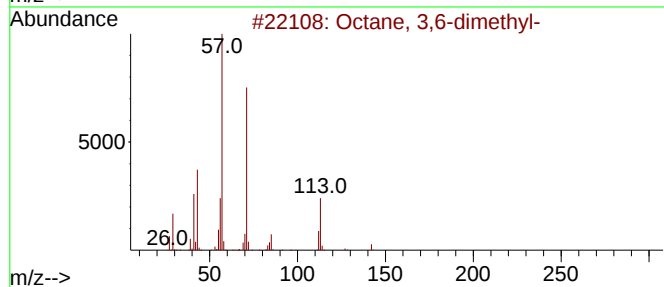
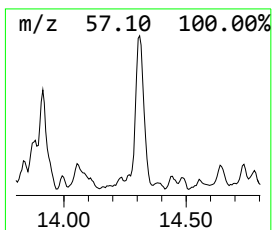
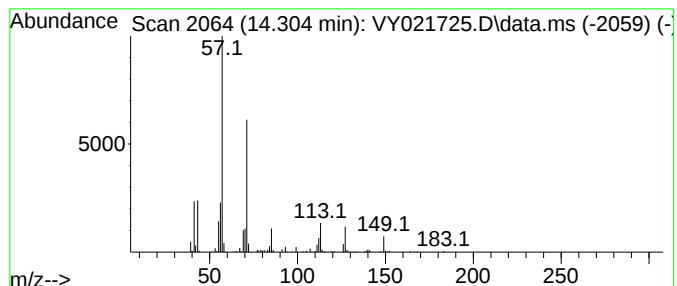
Instrument :
MSVOA_Y
ClientSampleId :
T5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260

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

Peak Number 15 Octane, 3,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD			R.T.
14.304	11.89 ug/l	455348	1,4-Dichlorobenzene-d4			13.346
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octane, 3,6-dimethyl-		142	C10H22	015869-94-0	72
2	Octane, 2,6-dimethyl-		142	C10H22	002051-30-1	72
3	Heneicosane		296	C21H44	000629-94-7	59
4	Decane, 3,8-dimethyl-		170	C12H26	017312-55-9	53
5	Undecane, 6,6-dimethyl-		184	C13H28	017312-76-4	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033125\
Data File : VY021725.D
Acq On : 31 Mar 2025 17:22
Operator : SY/MD
Sample : Q1675-11
Misc : 8.02g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.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
Hexane, 2,2-dim...	8.244	129.4	ug/l	3421000	2	8.616	1322060	50.0
Hexane, 2,5-dim...	9.115	21.4	ug/l	565494	2	8.616	1322060	50.0
Pentane, 2,3,4-...	9.542	89.7	ug/l	2372730	2	8.616	1322060	50.0
Pentane, 2,3,3-...	9.670	75.5	ug/l	1994900	2	8.616	1322060	50.0
Hexane, 2,2,5-t...	10.042	28.7	ug/l	1307800	3	11.414	2279820	50.0
Octane, 2,2-dim...	11.487	10.8	ug/l	490538	3	11.414	2279820	50.0
Heptane, 3,3,5-...	11.670	10.5	ug/l	478122	3	11.414	2279820	50.0
Decane, 2,2,9-t...	12.554	25.4	ug/l	973238	4	13.346	1914620	50.0
Octane, 2,4,6-t...	12.755	18.2	ug/l	695274	4	13.346	1914620	50.0
Dodecane, 2,2,1...	12.993	38.5	ug/l	1475050	4	13.346	1914620	50.0
Decane, 2,2-dim...	13.097	14.5	ug/l	556116	4	13.346	1914620	50.0
Hexadecane	13.206	72.3	ug/l	2768950	4	13.346	1914620	50.0
Hexane, 2,2,3-t...	13.401	78.9	ug/l	3020480	4	13.346	1914620	50.0
1-Hexanol, 5-me...	13.566	22.0	ug/l	840717	4	13.346	1914620	50.0
Octane, 3,6-dim...	14.304	11.9	ug/l	455348	4	13.346	1914620	50.0