

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
 Data File : VY022804.D
 Acq On : 24 Jun 2025 17:50
 Operator : SY/MD
 Sample : Q2403-03
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LAW-25-0093

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\82Y062325S.M
 Title : SW846 8260

Signal : TIC: VY022804.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.166	68	73	82	rBV	68290	109504	5.28%	0.619%
2	4.604	463	473	482	rBV4	12620	43987	2.12%	0.249%
3	7.628	958	969	975	rBV	285911	696848	33.58%	3.941%
4	7.701	975	981	993	rVB	505116	1144067	55.12%	6.470%
5	7.915	1009	1016	1022	rBV3	11356	27512	1.33%	0.156%
6	8.055	1030	1039	1052	rBV	275947	641278	30.90%	3.627%
7	8.475	1098	1108	1109	rBV3	23036	44855	2.16%	0.254%
8	8.610	1122	1130	1137	rBV	825287	1610781	77.61%	9.110%
9	8.671	1137	1140	1148	rVB2	36270	63952	3.08%	0.362%
10	8.872	1160	1173	1180	rBV8	13895	39480	1.90%	0.223%
11	9.103	1205	1211	1218	rVB5	11286	25841	1.25%	0.146%
12	9.884	1331	1339	1346	rBV5	9492	23956	1.15%	0.135%
13	10.103	1367	1375	1381	rBV	1230906	2075420	100.00%	11.738%
14	10.164	1381	1385	1398	rVB2	143981	347031	16.72%	1.963%
15	10.298	1398	1407	1411	rBV3	37280	69728	3.36%	0.394%
16	10.347	1411	1415	1422	rVB4	11982	23857	1.15%	0.135%
17	10.481	1433	1437	1441	rBV3	13853	21879	1.05%	0.124%
18	10.963	1512	1516	1520	rBV3	15067	24973	1.20%	0.141%
19	11.207	1547	1556	1561	rBV4	37823	78681	3.79%	0.445%
20	11.304	1568	1572	1578	rBV	33190	56519	2.72%	0.320%
21	11.414	1582	1590	1600	rBV	1016282	1685658	81.22%	9.533%
22	11.512	1600	1606	1613	rVV	33419	64349	3.10%	0.364%
23	11.633	1615	1626	1634	rVV3	161831	376720	18.15%	2.131%
24	11.780	1644	1650	1655	rBV3	10265	21883	1.05%	0.124%
25	11.950	1666	1678	1687	rBV3	64120	164448	7.92%	0.930%
26	12.048	1688	1694	1700	rVV3	29052	52331	2.52%	0.296%
27	12.121	1702	1706	1709	rVV6	13737	25857	1.25%	0.146%
28	12.164	1709	1713	1718	rVV3	24572	48000	2.31%	0.271%
29	12.255	1722	1728	1732	rVV4	36675	74208	3.58%	0.420%
30	12.335	1734	1741	1743	rVV3	40087	93738	4.52%	0.530%
31	12.359	1743	1745	1747	rVV2	55238	68472	3.30%	0.387%
32	12.402	1747	1752	1757	rVV	659815	1043954	50.30%	5.904%
33	12.444	1757	1759	1764	rVB	52237	61298	2.95%	0.347%
34	12.652	1787	1793	1795	rBV	45258	69463	3.35%	0.393%
35	12.682	1795	1798	1801	rVV	95728	149686	7.21%	0.847%
36	12.725	1801	1805	1811	rVV2	225395	344473	16.60%	1.948%

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Peak Location: TOP

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

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37	12.908	1826	1835	1840	rBV5	60895	152342	7.34%	0.862%
38	12.956	1840	1843	1851	rVV4	32427	48712	2.35%	0.275%
39	13.036	1851	1856	1861	rVB	110687	170283	8.20%	0.963%
40	13.103	1861	1867	1872	rBV	431166	639834	30.83%	3.619%
41	13.231	1880	1888	1892	rBV5	32857	71413	3.44%	0.404%
42	13.280	1892	1896	1899	rVV2	51943	75165	3.62%	0.425%
43	13.340	1899	1906	1916	rVV2	529458	1004904	48.42%	5.683%
44	13.444	1916	1923	1930	rVV	189526	381376	18.38%	2.157%
45	13.511	1930	1934	1935	rVV	40037	59440	2.86%	0.336%
46	13.542	1935	1939	1942	rVV2	130725	215034	10.36%	1.216%
47	13.584	1942	1946	1955	rVV3	147715	297721	14.35%	1.684%
48	13.670	1955	1960	1964	rVV	175794	254947	12.28%	1.442%
49	13.737	1964	1971	1975	rVV	50219	105039	5.06%	0.594%
50	13.798	1977	1981	1984	rVV	83499	144066	6.94%	0.815%
51	13.828	1984	1986	1991	rVV	95942	137662	6.63%	0.779%
52	13.889	1991	1996	2000	rVV	155335	243053	11.71%	1.375%
53	13.932	2000	2003	2008	rVB5	17748	27152	1.31%	0.154%
54	13.993	2008	2013	2018	rBV2	49691	80296	3.87%	0.454%
55	14.054	2018	2023	2029	rVV10	10612	26160	1.26%	0.148%
56	14.127	2029	2035	2036	rVV2	32384	46639	2.25%	0.264%
57	14.157	2038	2040	2043	rVV4	46872	72735	3.50%	0.411%
58	14.206	2043	2048	2052	rVV3	69717	186865	9.00%	1.057%
59	14.249	2052	2055	2059	rVV	80639	125601	6.05%	0.710%
60	14.298	2059	2063	2066	rVV2	51667	78073	3.76%	0.442%
61	14.334	2066	2069	2073	rVV3	26048	37901	1.83%	0.214%
62	14.499	2088	2096	2098	rBV2	89347	154296	7.43%	0.873%
63	14.523	2098	2100	2105	rVB	96877	123447	5.95%	0.698%
64	14.596	2105	2112	2116	rBV3	37525	84736	4.08%	0.479%
65	14.645	2116	2120	2127	rVB6	29605	54031	2.60%	0.306%
66	14.944	2164	2169	2170	rBV2	22315	26545	1.28%	0.150%
67	15.041	2182	2185	2191	rVB3	27419	41779	2.01%	0.236%
68	15.115	2192	2197	2199	rBV	21802	34777	1.68%	0.197%
69	15.340	2229	2234	2240	rVB3	23096	36697	1.77%	0.208%
70	15.444	2244	2251	2255	rBV8	9380	22223	1.07%	0.126%
71	15.706	2290	2294	2301	rVB2	12854	24943	1.20%	0.141%
72	15.773	2301	2305	2314	rVB9	14663	38618	1.86%	0.218%
73	16.169	2364	2370	2379	rBV	282699	543105	26.17%	3.072%
74	16.364	2394	2402	2415	rVB	141174	299137	14.41%	1.692%

Sum of corrected areas: 17681434

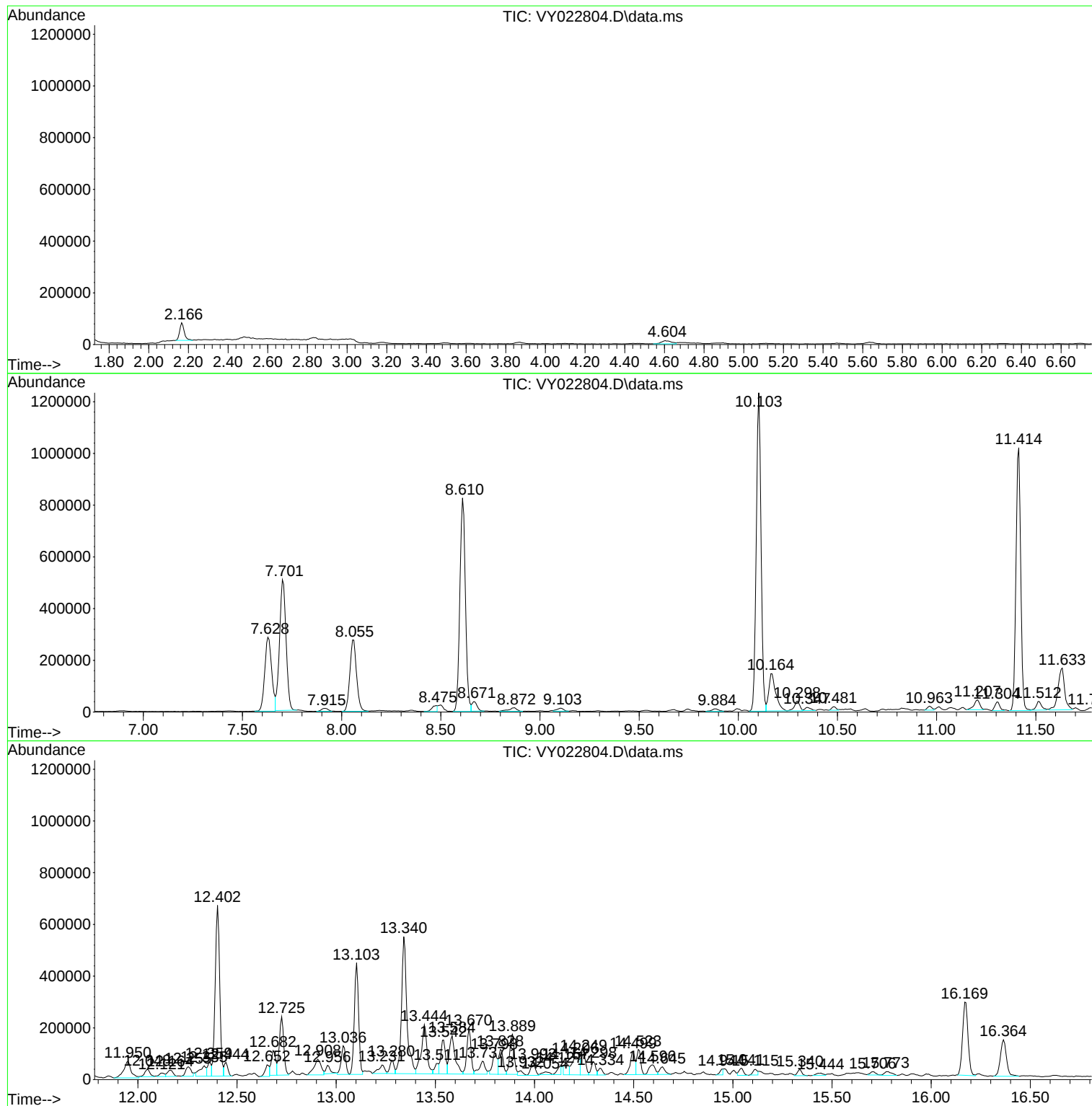
Instrument :
MSVOA_Y
ClientSampleId :
LAW-25-0093

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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260

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



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Sample : Q2403-03
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ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
LAW-25-0093

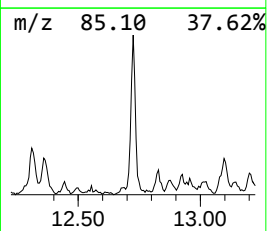
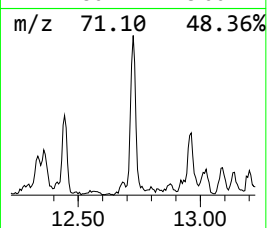
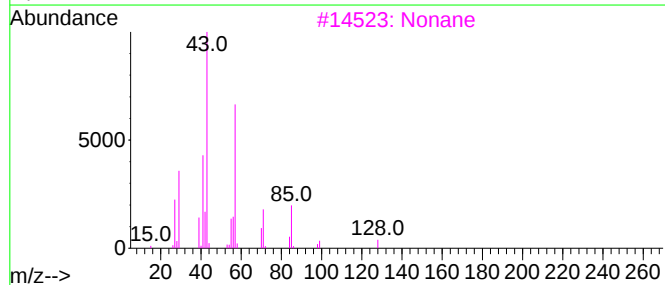
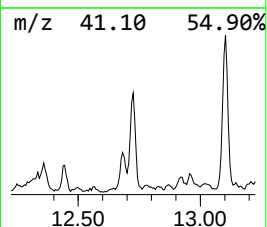
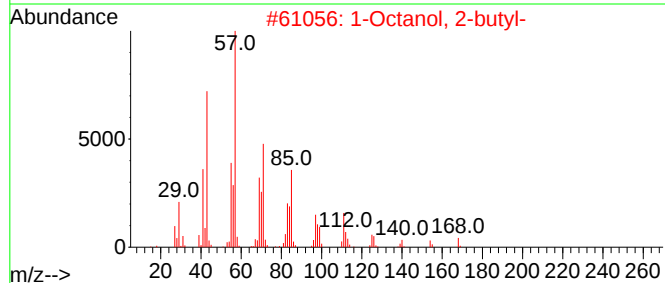
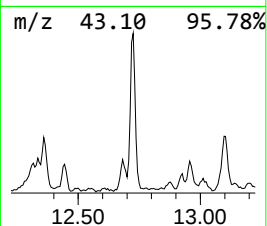
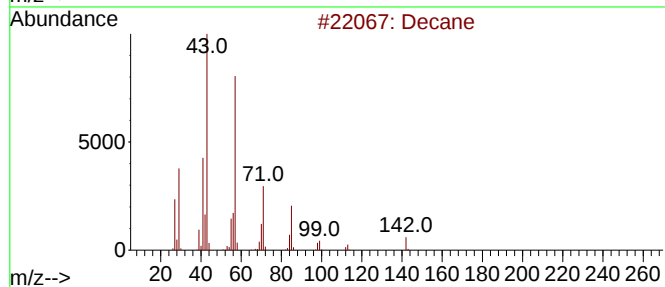
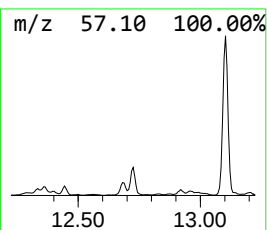
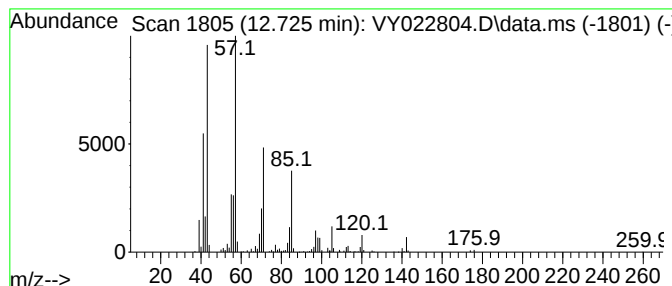
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260

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

Peak Number 1 Decane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.725	17.14 ug/l	344473	1,4-Dichlorobenzene-d4	13.341

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane	142	C10H22	000124-18-5	87
2			1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	72
3			Nonane	128	C9H20	000111-84-2	72
4			Oxalic acid, isohexyl pentyl ester	244	C13H24O4	1000309-32-8	64
5			Hexadecane	226	C16H34	000544-76-3	50



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MSVOA_Y
ClientSampleId :
LAW-25-0093

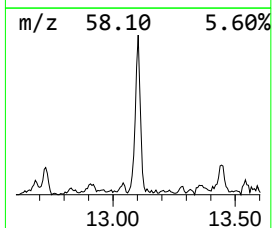
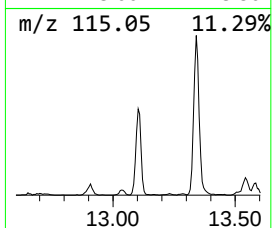
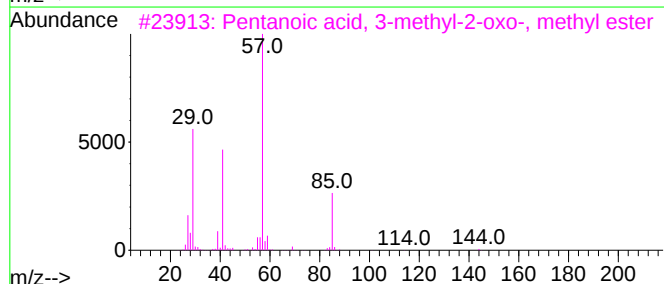
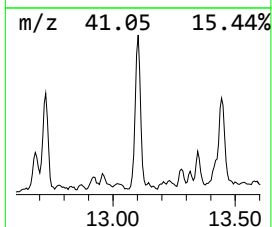
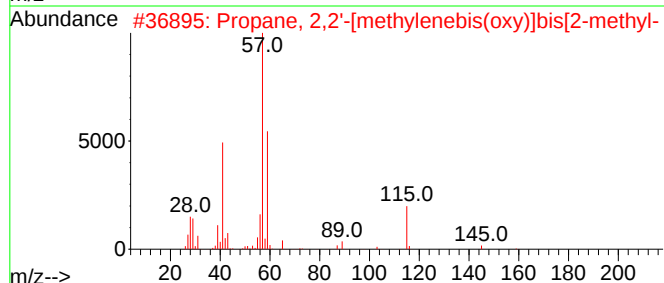
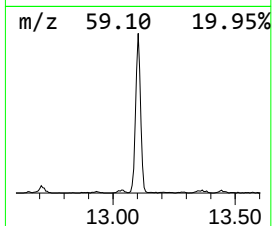
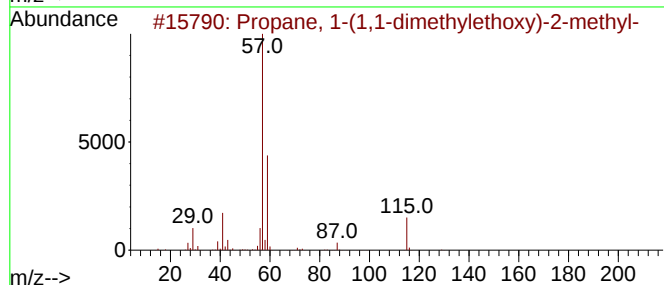
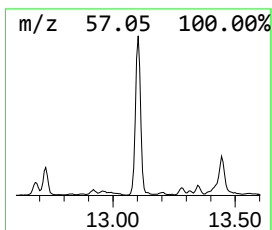
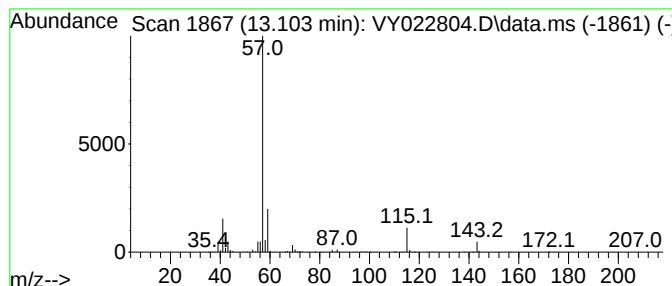
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260

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

Peak Number 2 unknown13.103 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.103	31.84 ug/l	639834	1,4-Dichlorobenzene-d4	13.341

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propane, 1-(1,1-dimethylethoxy)-...	130	C8H18O	033021-02-2	40
2			Propane, 2,2'-[methylenebis(oxy)]...	160	C9H20O2	002568-93-6	38
3			Pentanoic acid, 3-methyl-2-oxo-,...	144	C7H12O3	003682-42-6	37
4			1-Ethylpentyl propionate	172	C10H20O2	1000430-89-7	25
5			Thiolane-3,4-dicarbonitrile, 2,5...	386	C16H20F6N2S	1000260-74-6	17



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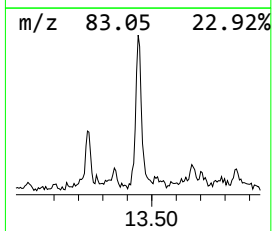
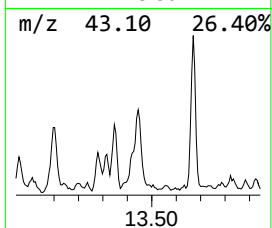
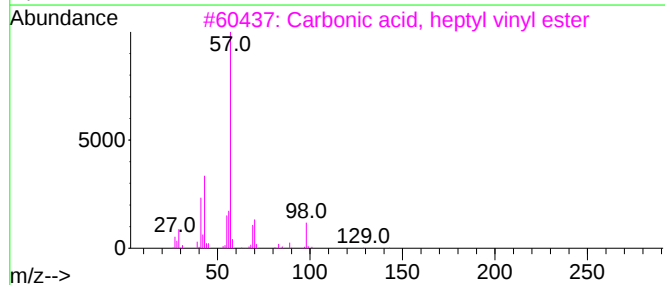
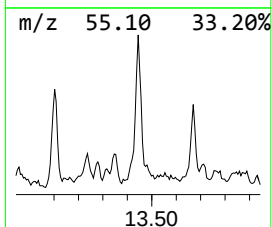
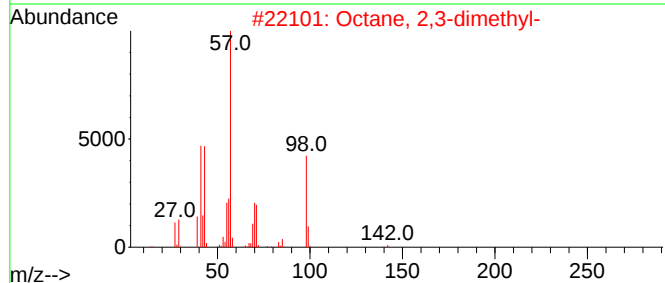
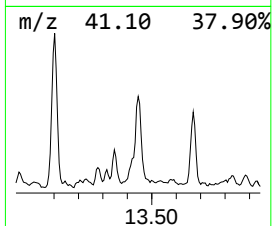
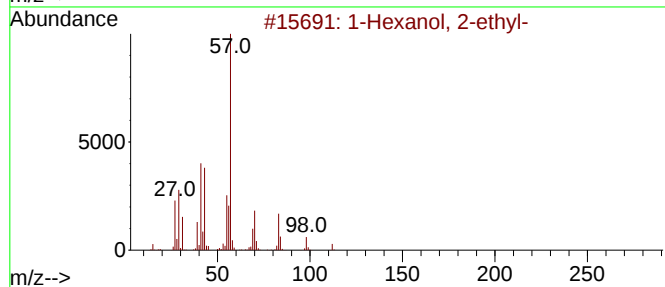
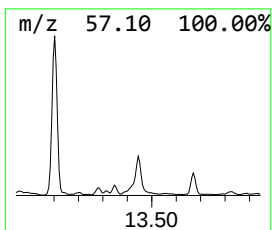
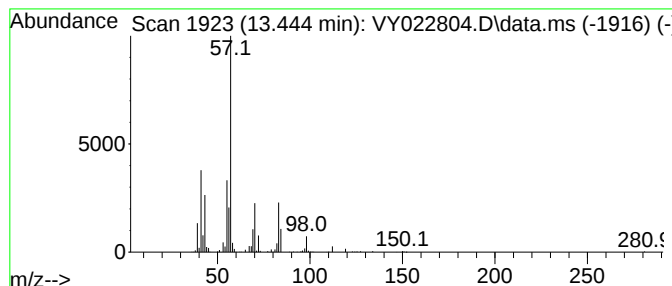
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Quant Title : SW846 8260

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

Peak Number 3 1-Hexanol, 2-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.444	18.98 ug/l	381376	1,4-Dichlorobenzene-d4	13.341

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-			130	C8H18O	000104-76-7	78
2	Octane, 2,3-dimethyl-			142	C10H22	007146-60-3	50
3	Carbonic acid, heptyl vinyl ester			186	C10H18O3	1010383-25-4	43
4	Decanal			156	C10H20O	000112-31-2	40
5	2-Propyl-1-pentanol			130	C8H18O	058175-57-8	40



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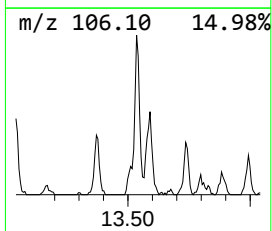
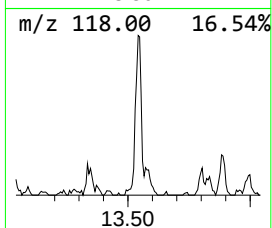
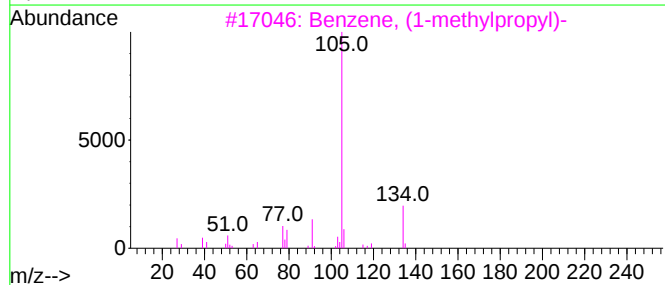
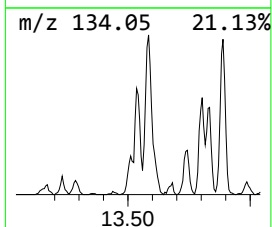
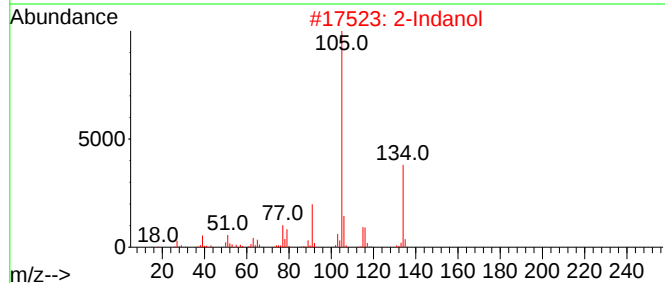
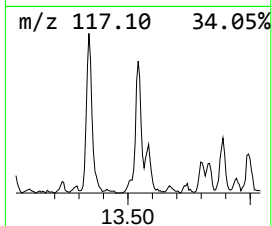
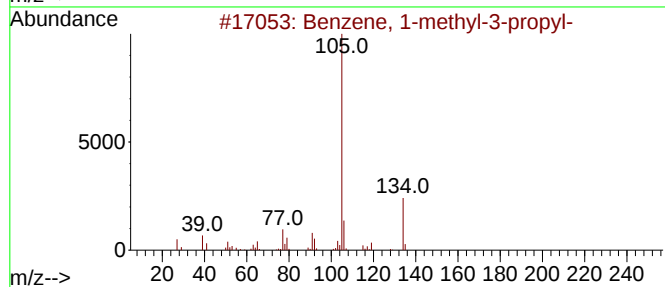
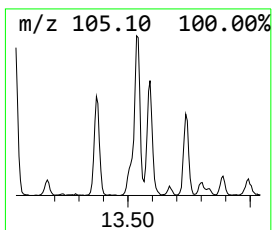
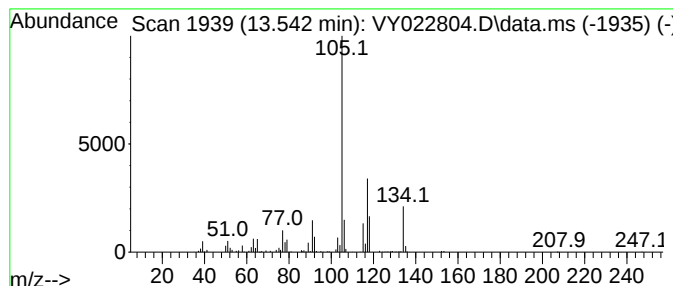
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Quant Title : SW846 8260

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

Peak Number 4 Benzene, 1-methyl-3-propyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.542	10.70 ug/l	215034	1,4-Dichlorobenzene-d4	13.341

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	60
2			2-Indanol	134	C9H10O	004254-29-9	58
3			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	49
4			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	49
5			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
Data File : VY022804.D
Acq On : 24 Jun 2025 17:50
Operator : SY/MD
Sample : Q2403-03
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
LAW-25-0093

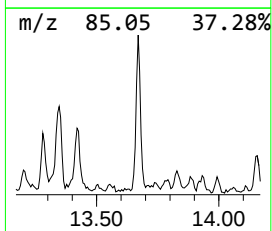
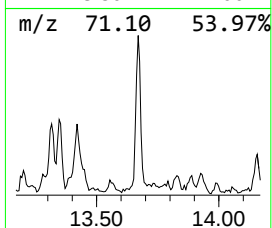
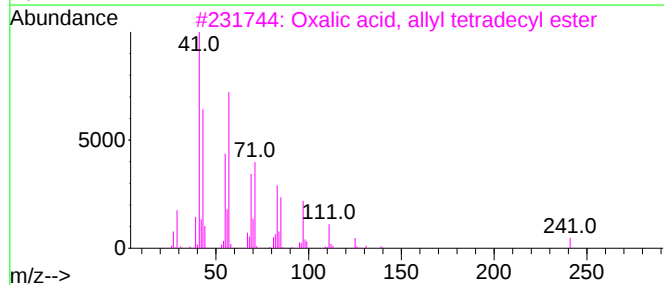
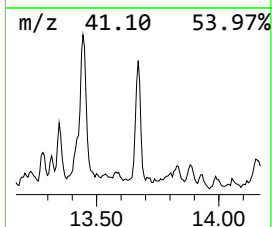
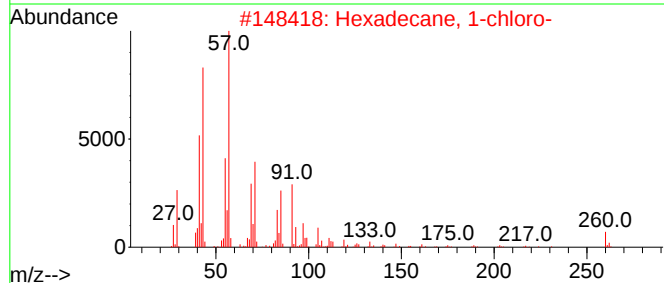
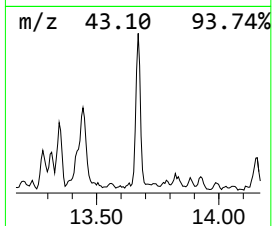
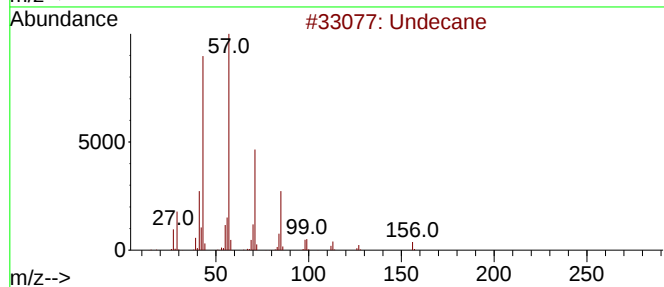
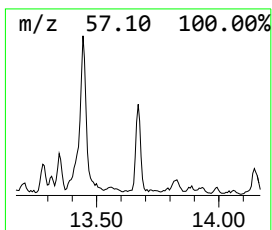
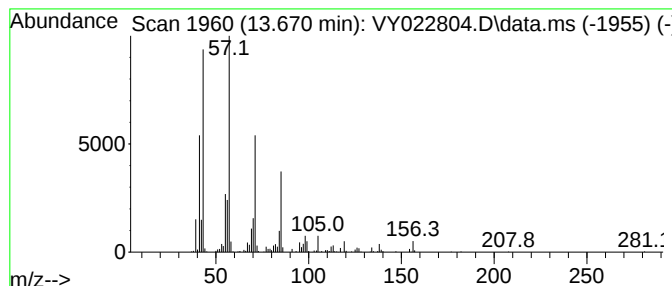
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Quant Title : SW846 8260

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

Peak Number 5 Undecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.670	12.69 ug/l	254947	1,4-Dichlorobenzene-d4	13.341

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane	156	C11H24	001120-21-4	87
2			Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	78
3			Oxalic acid, allyl tetradecyl ester	326	C19H34O4	1000309-24-2	72
4			Carbonic acid, tridecyl vinyl ester	270	C16H30O3	1000382-54-7	64
5			Hexadecane	226	C16H34	000544-76-3	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
Data File : VY022804.D
Acq On : 24 Jun 2025 17:50
Operator : SY/MD
Sample : Q2403-03
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
LAW-25-0093

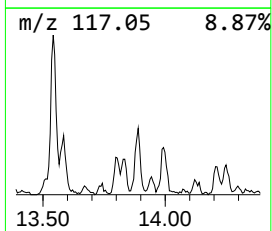
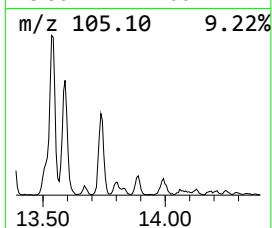
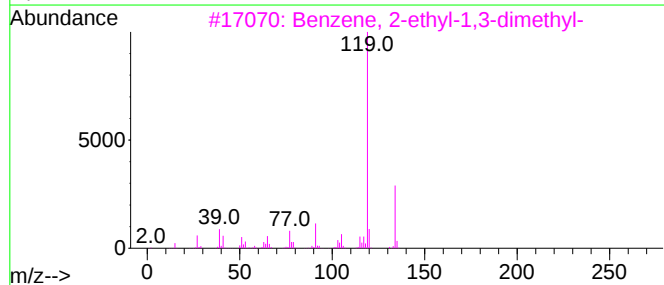
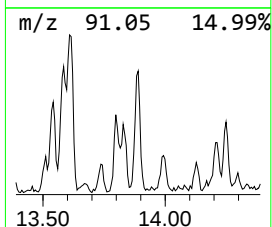
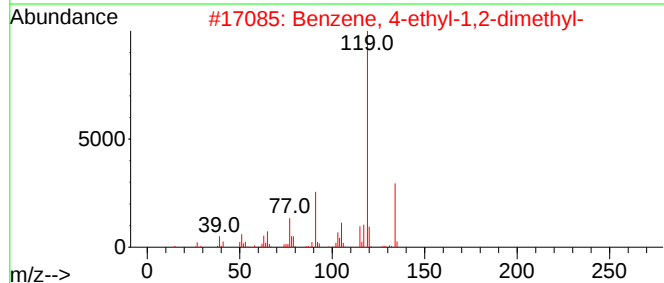
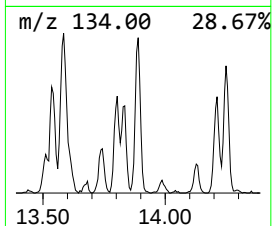
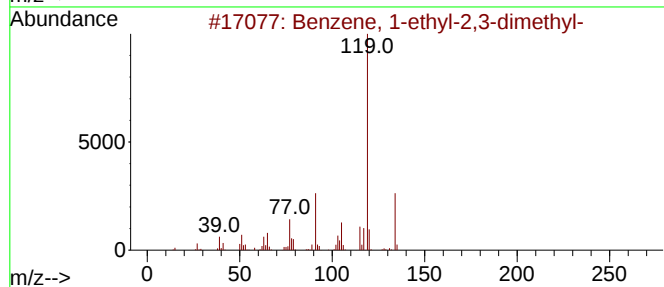
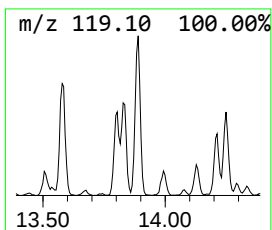
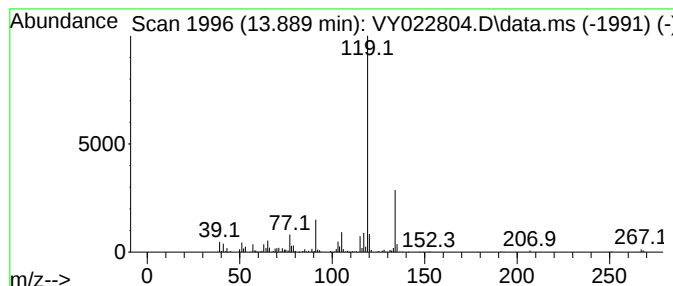
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Quant Title : SW846 8260

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

Peak Number 6 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.889	12.09 ug/l	243053	1,4-Dichlorobenzene-d4	13.341

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
2			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
3			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
4			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
5			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
Data File : VY022804.D
Acq On : 24 Jun 2025 17:50
Operator : SY/MD
Sample : Q2403-03
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
LAW-25-0093

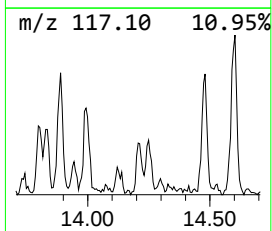
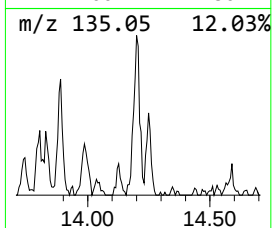
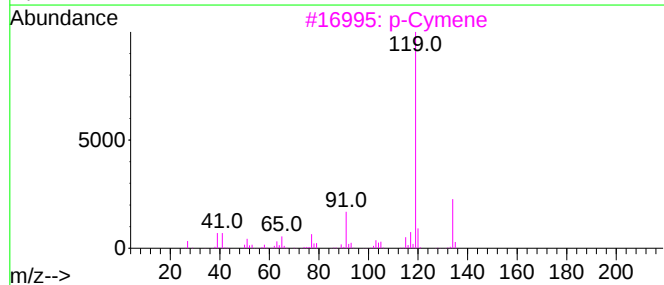
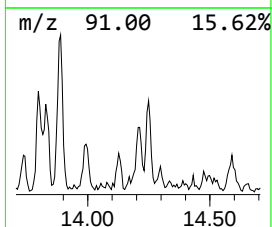
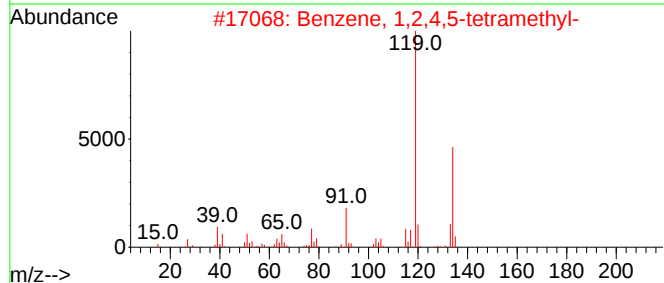
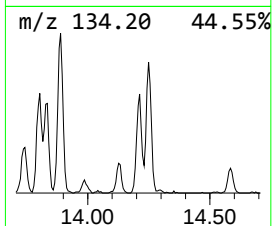
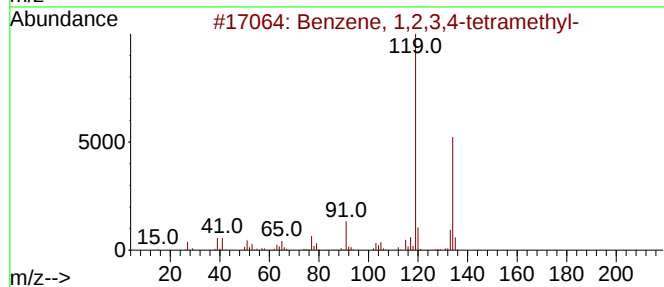
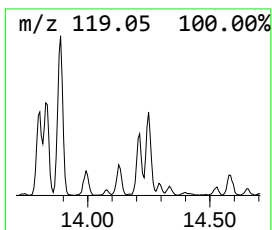
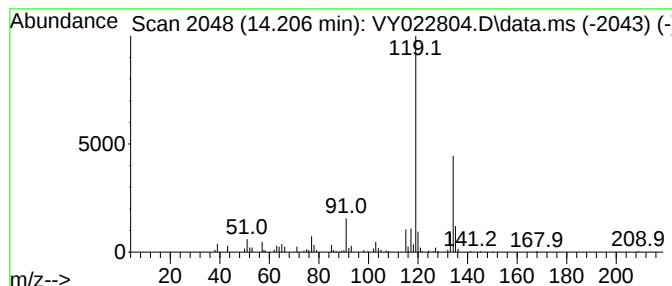
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Quant Title : SW846 8260

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

Peak Number 7 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.206	9.30 ug/l	186865	1,4-Dichlorobenzene-d4	13.341

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
2			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
3			p-Cymene	134	C10H14	000099-87-6	91
4			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
5			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
Data File : VY022804.D
Acq On : 24 Jun 2025 17:50
Operator : SY/MD
Sample : Q2403-03
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
LAW-25-0093

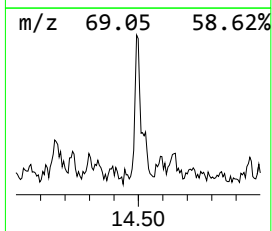
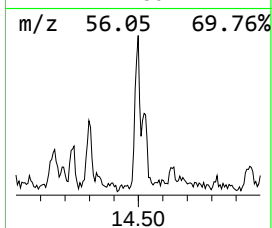
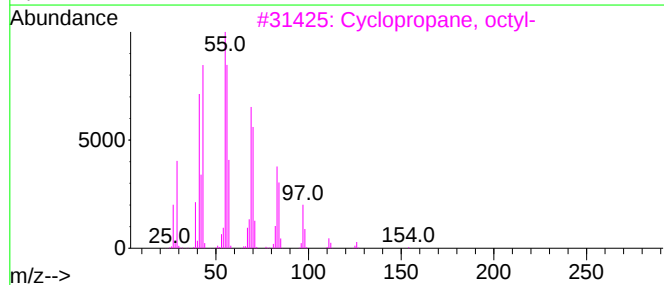
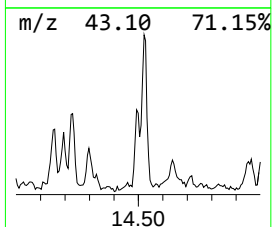
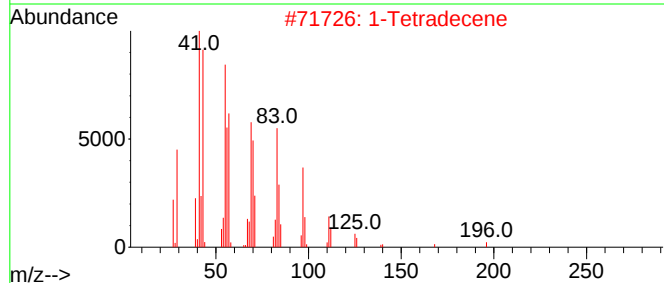
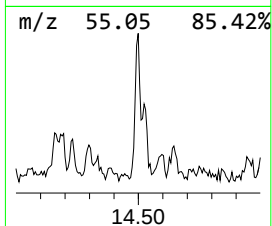
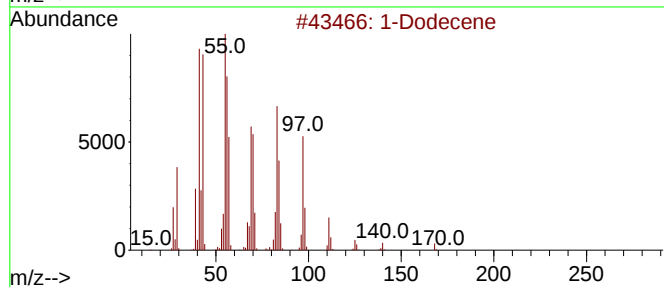
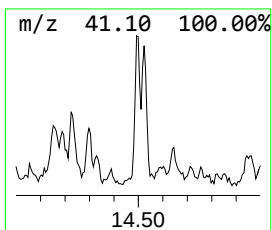
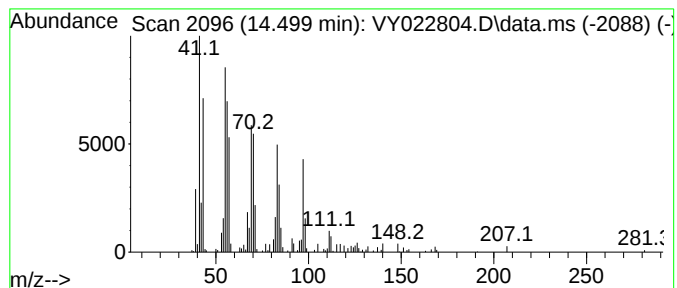
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Quant Title : SW846 8260

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

Peak Number 8 1-Dodecene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.499	7.68 ug/l	154296	1,4-Dichlorobenzene-d4	13.341

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Dodecene	168	C12H24	000112-41-4	96
2		1-Tetradecene	196	C14H28	001120-36-1	91
3		Cyclopropane, octyl-	154	C11H22	001472-09-9	87
4		3-Tetradecene, (Z)-	196	C14H28	041446-67-7	87
5		Cyclooctane, 1,5-dimethyl-	140	C10H20	021328-57-4	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
Data File : VY022804.D
Acq On : 24 Jun 2025 17:50
Operator : SY/MD
Sample : Q2403-03
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
LAW-25-0093

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.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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unknown13.103	13.103	31.8	ug/l	639834	4	13.341	1004900	50.0
1-Hexanol, 2-et...	13.444	19.0	ug/l	381376	4	13.341	1004900	50.0
Benzene, 1-meth...	13.542	10.7	ug/l	215034	4	13.341	1004900	50.0
Undecane	13.670	12.7	ug/l	254947	4	13.341	1004900	50.0
Benzene, 1-ethy...	13.889	12.1	ug/l	243053	4	13.341	1004900	50.0
Benzene, 1,2,3,...	14.206	9.3	ug/l	186865	4	13.341	1004900	50.0
1-Dodecene	14.499	7.7	ug/l	154296	4	13.341	1004900	50.0