

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111725\
 Data File : VW032462.D
 Acq On : 17 Nov 2025 16:45
 Operator : SY/MD
 Sample : Q3648-01
 Misc : 5.69g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OR-02-111425

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_W\Method\82W111025S.M
 Title : SW846 8260

Signal : TIC: VW032462.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.972	658	670	681	rBV3	25819	82486	3.48%	0.216%
2	7.904	972	987	991	rBV	213518	514871	21.71%	1.349%
3	7.959	991	996	1009	rVB	296750	662394	27.93%	1.735%
4	8.319	1045	1055	1064	rBV	228275	517034	21.80%	1.354%
5	8.849	1134	1142	1157	rBV	607848	1244090	52.46%	3.258%
6	10.325	1376	1384	1391	rBV	883509	1545104	65.15%	4.047%
7	10.392	1391	1395	1402	rVB	37906	72148	3.04%	0.189%
8	11.227	1528	1532	1539	rBV3	17171	34276	1.45%	0.090%
9	11.629	1591	1598	1609	rBV	1081261	1777161	74.94%	4.655%
10	11.733	1610	1615	1618	rBV	26487	42469	1.79%	0.111%
11	11.836	1625	1632	1642	rBV3	89694	213227	8.99%	0.558%
12	12.166	1675	1686	1693	rBV2	96747	254188	10.72%	0.666%
13	12.251	1696	1700	1704	rVB	34123	54547	2.30%	0.143%
14	12.379	1711	1721	1725	rBV5	35171	104312	4.40%	0.273%
15	12.458	1730	1734	1738	rBV3	20350	37845	1.60%	0.099%
16	12.538	1744	1747	1749	rBV2	26700	33993	1.43%	0.089%
17	12.617	1753	1760	1769	rVB2	737538	1443038	60.85%	3.779%
18	12.696	1770	1773	1776	rBV4	20429	29662	1.25%	0.078%
19	12.800	1783	1790	1794	rVB2	58265	130419	5.50%	0.342%
20	12.861	1795	1800	1803	rBV	253596	414517	17.48%	1.086%
21	12.928	1803	1811	1817	rVB3	642590	1314166	55.41%	3.442%
22	12.989	1817	1821	1824	rBV3	72067	114541	4.83%	0.300%
23	13.098	1835	1839	1845	rVB	181117	312624	13.18%	0.819%
24	13.159	1845	1849	1855	rVB3	180573	293899	12.39%	0.770%
25	13.245	1858	1863	1868	rBV	576883	899597	37.93%	2.356%
26	13.440	1889	1895	1899	rBV3	254219	490945	20.70%	1.286%
27	13.483	1899	1902	1905	rVV2	159435	242835	10.24%	0.636%
28	13.556	1909	1914	1922	rVV2	1086139	2371585	100.00%	6.211%
29	13.617	1922	1924	1930	rVB3	143650	188310	7.94%	0.493%
30	13.714	1932	1940	1941	rBV4	90040	181011	7.63%	0.474%
31	13.745	1941	1945	1949	rVV2	391250	668473	28.19%	1.751%
32	13.781	1949	1951	1960	rVB3	313923	614071	25.89%	1.608%
33	13.867	1960	1965	1970	rBV	1174075	1771016	74.68%	4.638%
34	13.940	1975	1977	1984	rVB	142648	202263	8.53%	0.530%
35	14.013	1984	1989	1990	rBV	173600	276075	11.64%	0.723%
36	14.086	1998	2001	2006	rVB	310035	447327	18.86%	1.172%

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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

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37	14.196	2014	2019	2025	rBV2	380933	649990	27.41%	1.702%
38	14.257	2025	2029	2035	rVB6	87039	159473	6.72%	0.418%
39	14.336	2036	2042	2045	rBV4	235039	500452	21.10%	1.311%
40	14.379	2045	2049	2052	rVV3	340072	489205	20.63%	1.281%
41	14.415	2052	2055	2058	rVV2	194663	223042	9.40%	0.584%
42	14.452	2058	2061	2064	rVB	268835	343909	14.50%	0.901%
43	14.488	2064	2067	2071	rVB2	251737	308491	13.01%	0.808%
44	14.537	2071	2075	2081	rVB3	210853	362561	15.29%	0.950%
45	14.598	2081	2085	2087	rBV3	98210	152484	6.43%	0.399%
46	14.635	2088	2091	2095	rVB	126539	155637	6.56%	0.408%
47	14.684	2095	2099	2100	rBV	281299	364449	15.37%	0.955%
48	14.714	2100	2104	2110	rVB2	1023793	1573732	66.36%	4.122%
49	14.799	2111	2118	2122	rBV4	695322	1718931	72.48%	4.502%
50	14.952	2138	2143	2149	rVB	505235	874610	36.88%	2.291%
51	15.055	2155	2160	2164	rBV4	230552	386790	16.31%	1.013%
52	15.165	2171	2178	2187	rBV4	252789	917310	38.68%	2.403%
53	15.311	2198	2202	2206	rBV	349013	621232	26.19%	1.627%
54	15.360	2206	2210	2215	rVV	361304	617284	26.03%	1.617%
55	15.409	2215	2218	2222	rVB	157162	233758	9.86%	0.612%
56	15.464	2223	2227	2230	rBV3	150031	249105	10.50%	0.652%
57	15.543	2235	2240	2249	rVB	902531	1625070	68.52%	4.256%
58	15.647	2249	2257	2263	rBV3	281356	715939	30.19%	1.875%
59	15.720	2265	2269	2274	rVB4	136380	233851	9.86%	0.612%
60	15.854	2287	2291	2301	rVB2	438850	813128	34.29%	2.130%
61	16.128	2332	2336	2337	rBV	118447	155775	6.57%	0.408%
62	16.165	2339	2342	2346	rVB2	157723	276502	11.66%	0.724%
63	16.275	2355	2360	2366	rVB	172779	310359	13.09%	0.813%
64	16.360	2369	2374	2380	rVV3	233797	482789	20.36%	1.264%
65	16.427	2380	2385	2389	rVV	333048	651196	27.46%	1.706%
66	16.482	2389	2394	2399	rVB	688722	1220308	51.46%	3.196%
67	16.634	2413	2419	2433	rVB	400156	1196987	50.47%	3.135%

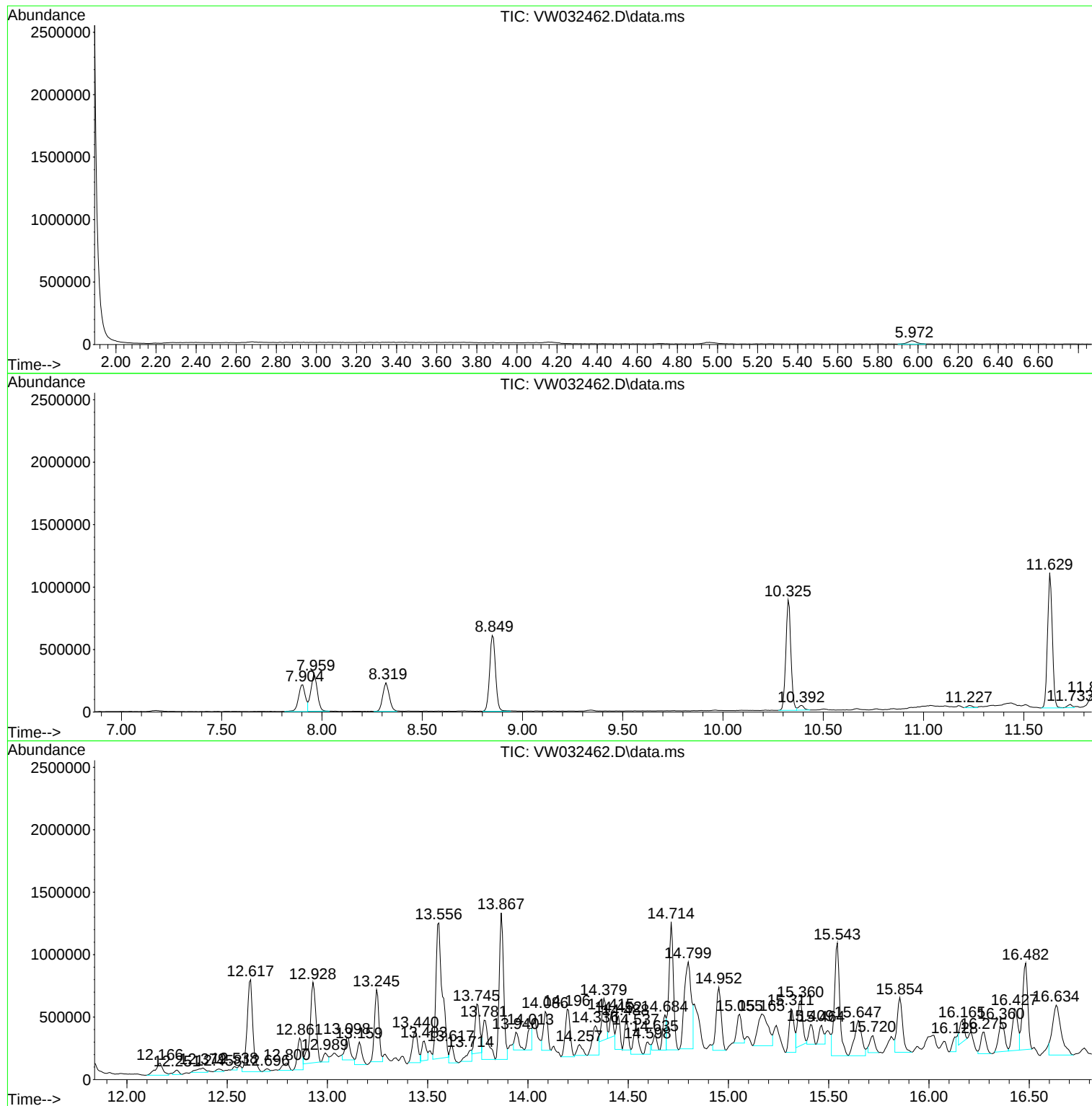
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260

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



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ClientSampleId :
OR-02-111425

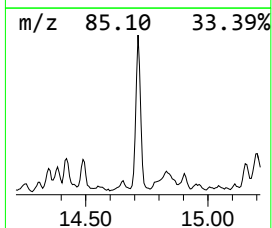
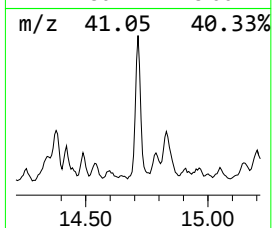
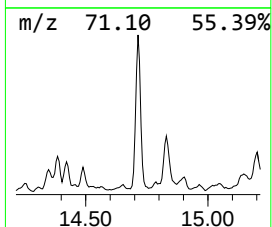
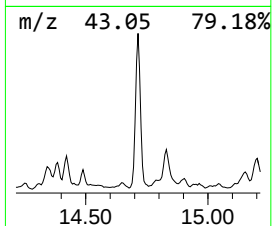
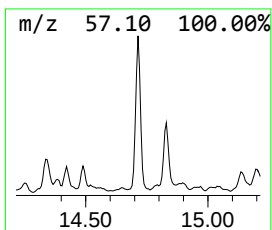
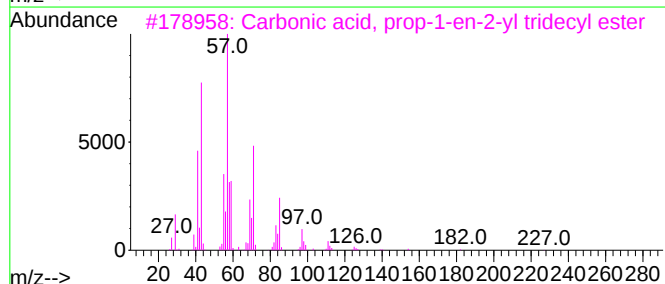
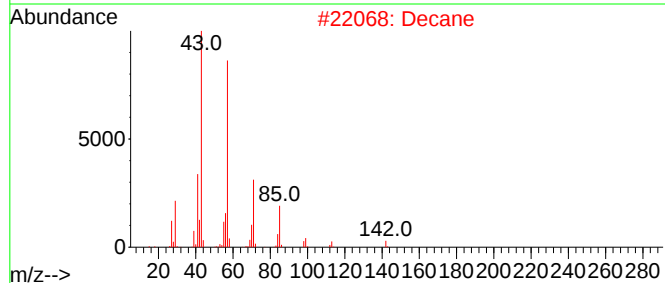
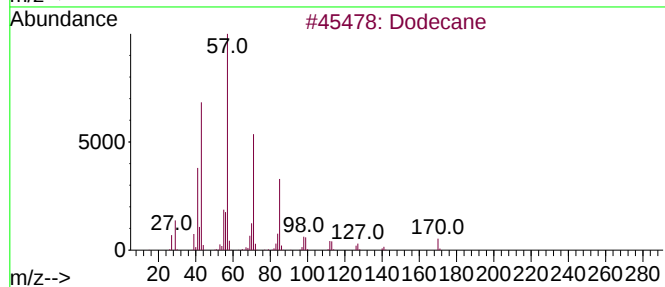
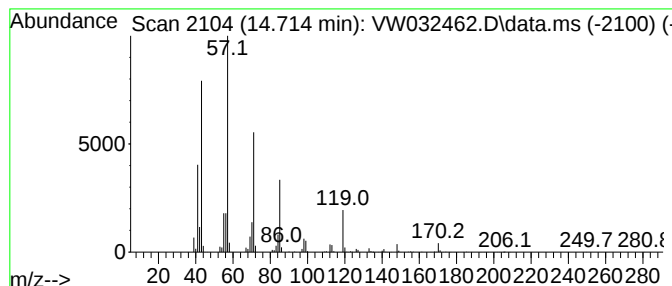
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260

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

Peak Number 2 Dodecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.714	33.18 ug/l	1573730	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	95
2			Decane	142	C10H22	000124-18-5	70
3			Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	64
4			Tridecane	184	C13H28	000629-50-5	64
5			Carbonic acid, tetradecyl vinyl ...	284	C17H32O3	1000382-54-5	59



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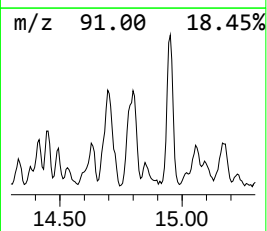
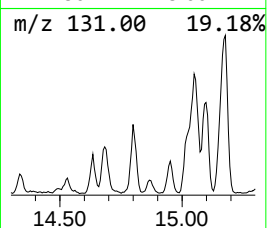
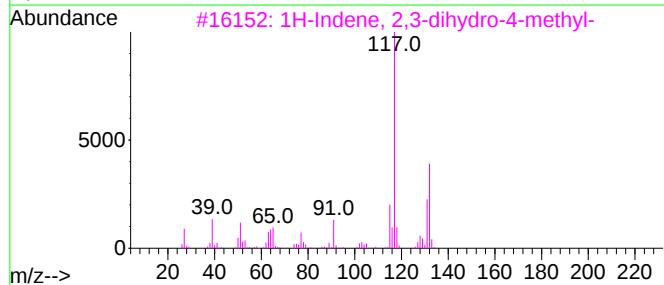
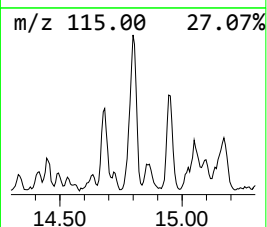
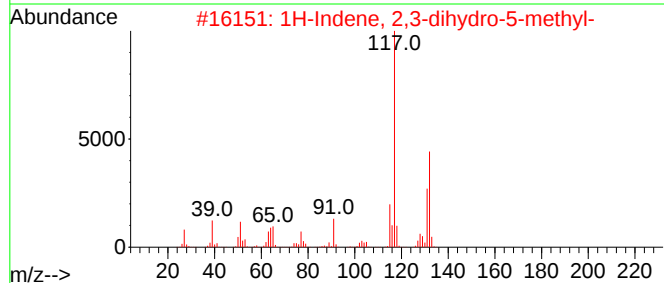
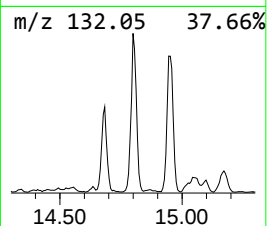
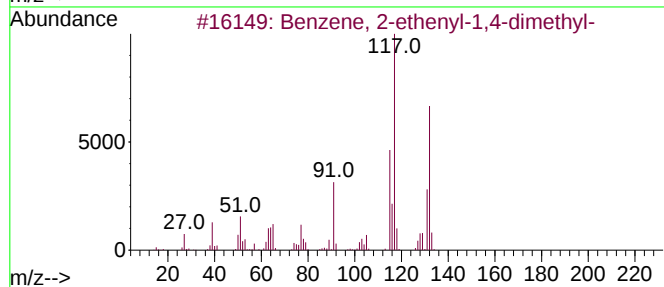
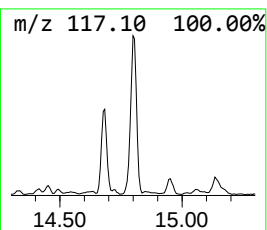
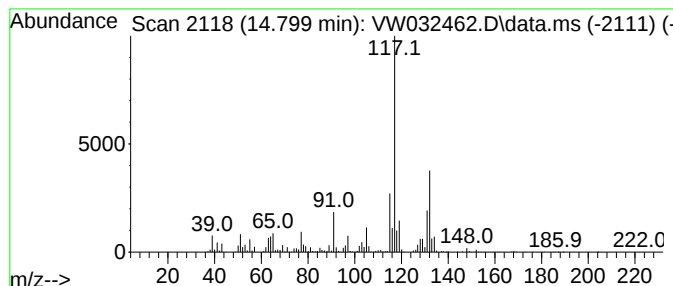
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
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Peak Number 3 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.799	36.24 ug/l	1718930	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2			1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	94
3			1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	93
4			Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	91
5			3-Phenylbut-1-ene	132	C10H12	000934-10-1	90



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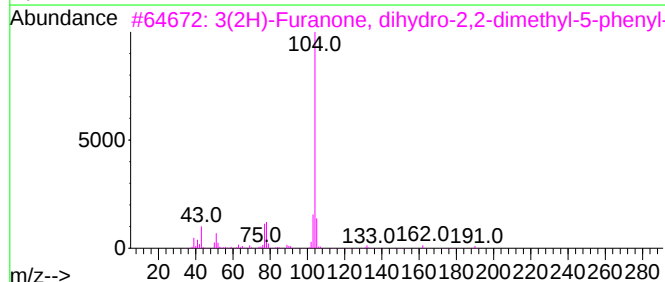
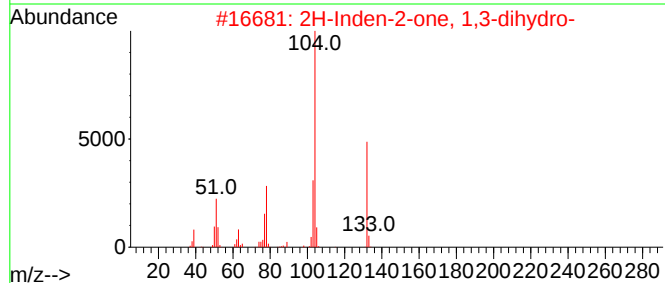
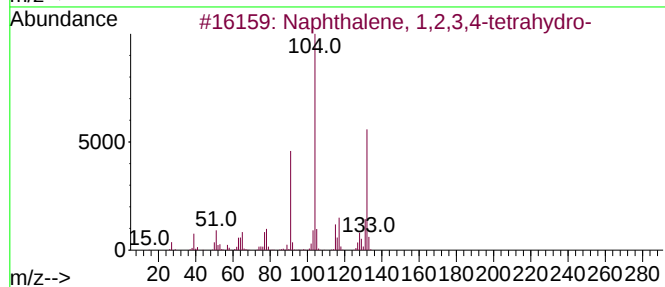
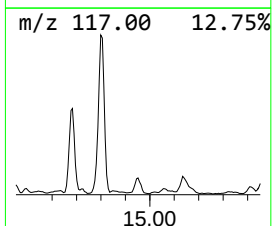
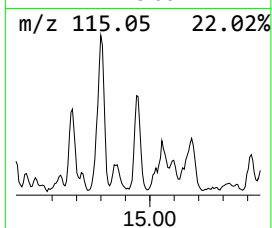
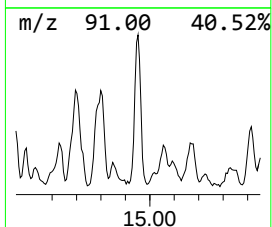
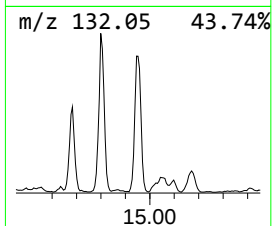
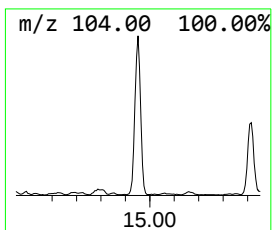
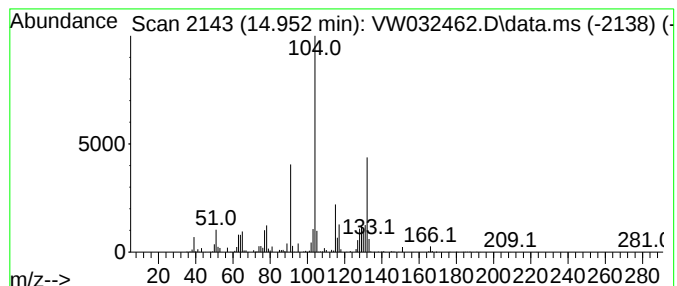
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TIC Library : C:\Database\NIST20.L
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Peak Number 4 Naphthalene, 1,2,3,4-tetrahydro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.952	18.44 ug/l	874610	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
2			2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	49
3			3(2H)-Furanone, dihydro-2,2-dime...	190	C12H14O2	063678-00-2	35
4			2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	32
5			Felbamate	238	C11H14N2O4	025451-15-4	27



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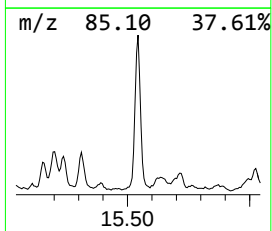
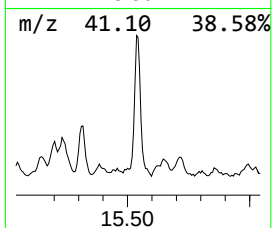
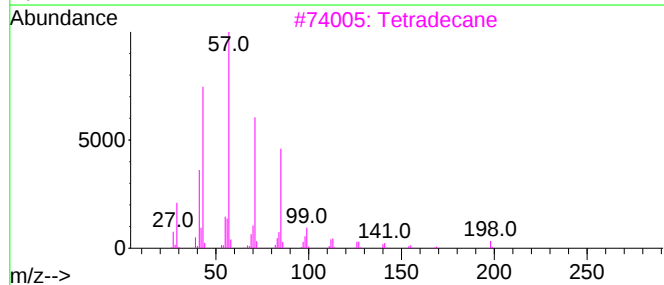
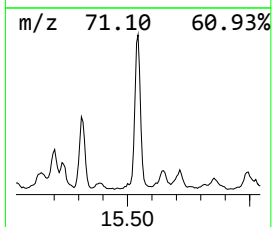
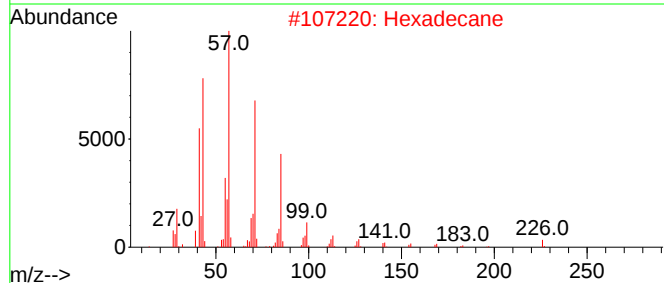
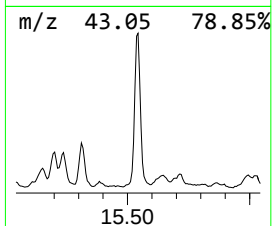
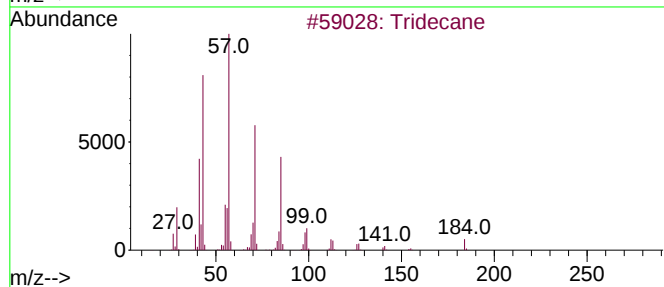
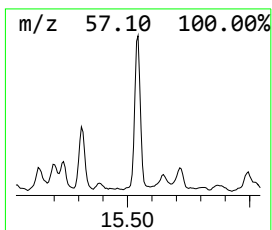
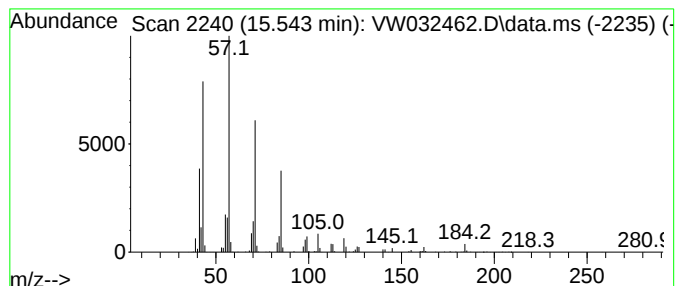
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Peak Number 6 Tridecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.543	34.26 ug/l	1625070	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	95
2			Hexadecane	226	C16H34	000544-76-3	87
3			Tetradecane	198	C14H30	000629-59-4	86
4			Dodecane	170	C12H26	000112-40-3	86
5			Undecane	156	C11H24	001120-21-4	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111725\
Data File : VW032462.D
Acq On : 17 Nov 2025 16:45
Operator : SY/MD
Sample : Q3648-01
Misc : 5.69g/5mL/MSVOA_W/SOIL/A
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
OR-02-111425

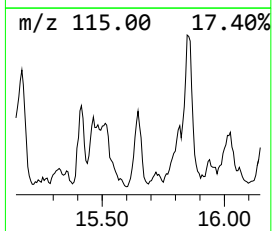
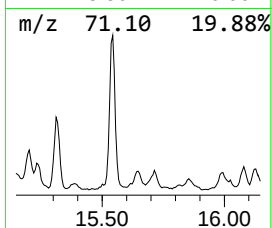
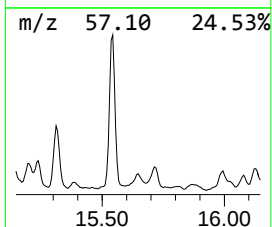
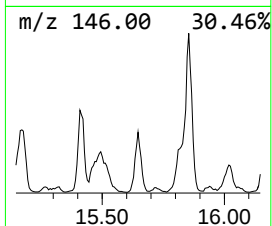
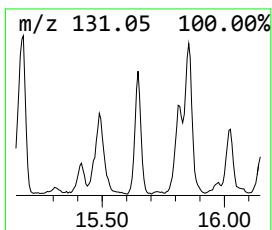
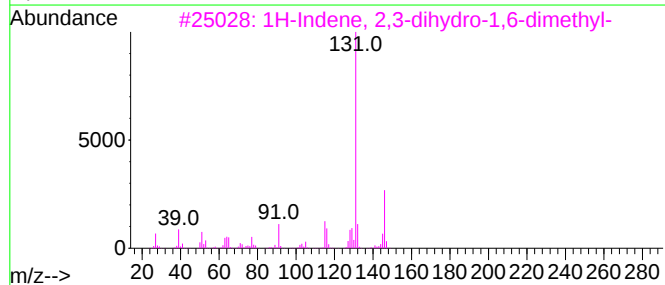
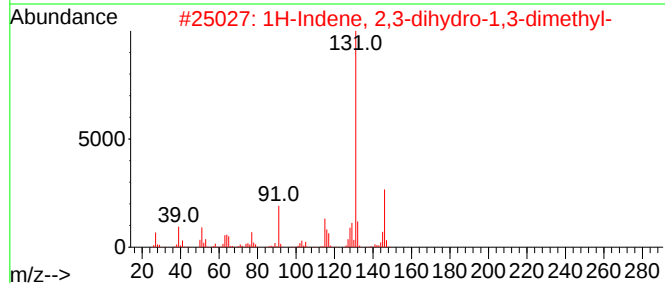
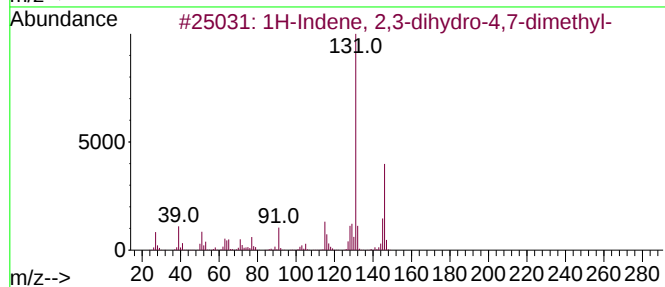
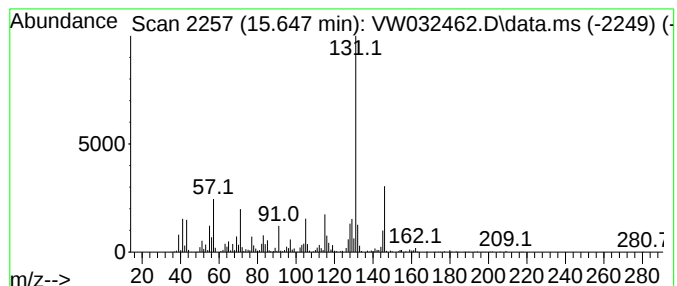
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Quant Title : SW846 8260

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

Peak Number 7 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.647	15.09 ug/l	715939	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	93
2			1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	87
3			1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	87
4			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	87
5			Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111725\
Data File : VW032462.D
Acq On : 17 Nov 2025 16:45
Operator : SY/MD
Sample : Q3648-01
Misc : 5.69g/5mL/MSVOA_W/SOIL/A
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
OR-02-111425

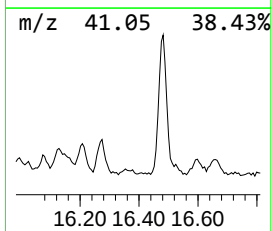
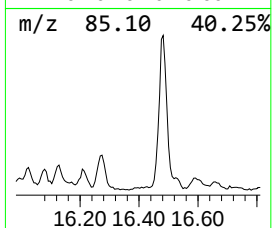
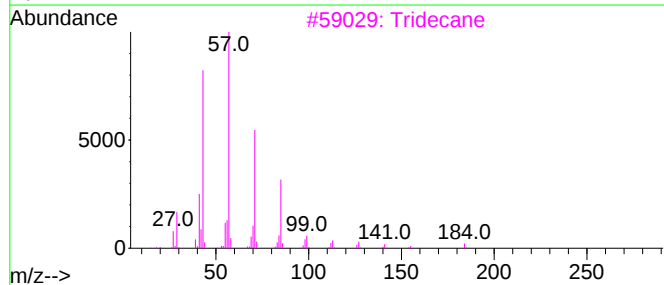
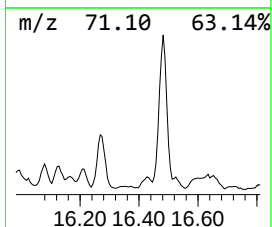
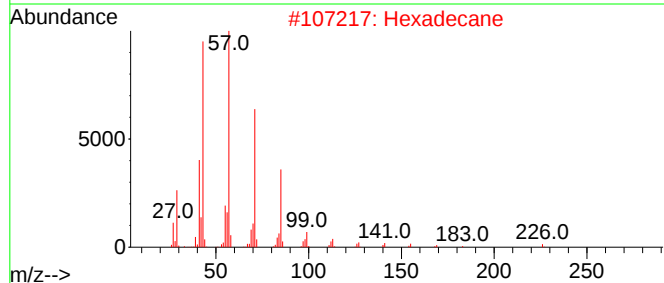
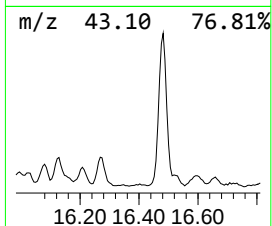
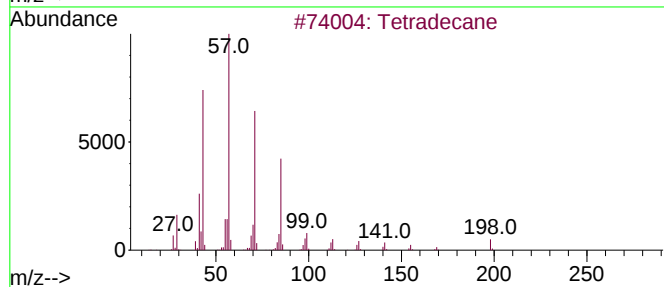
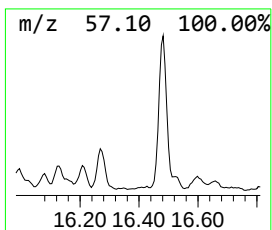
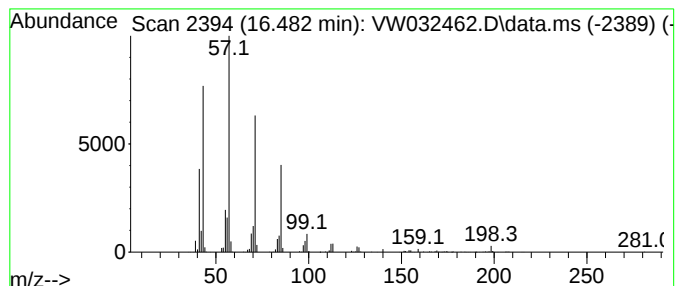
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Quant Title : SW846 8260

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

Peak Number 9 Tetradecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.482	25.73 ug/l	1220310	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	95
2			Hexadecane	226	C16H34	000544-76-3	90
3			Tridecane	184	C13H28	000629-50-5	90
4			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	86
5			Dodecane	170	C12H26	000112-40-3	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111725\
Data File : VW032462.D
Acq On : 17 Nov 2025 16:45
Operator : SY/MD
Sample : Q3648-01
Misc : 5.69g/5mL/MSVOA_W/SOIL/A
ALS Vial : 19 Sample Multiplier: 1

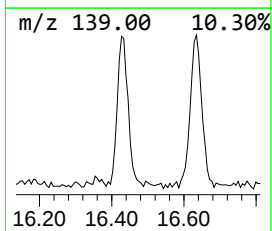
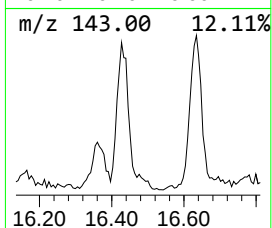
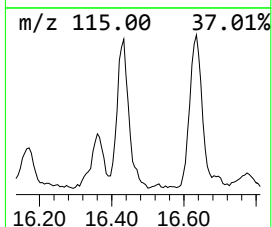
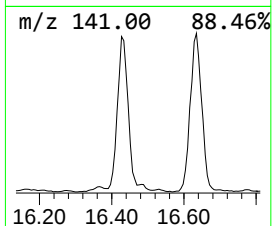
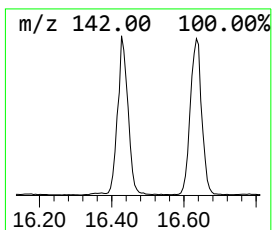
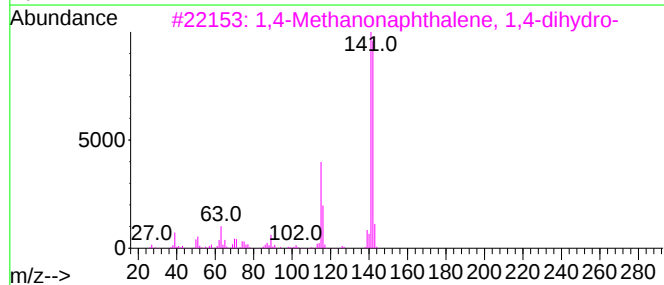
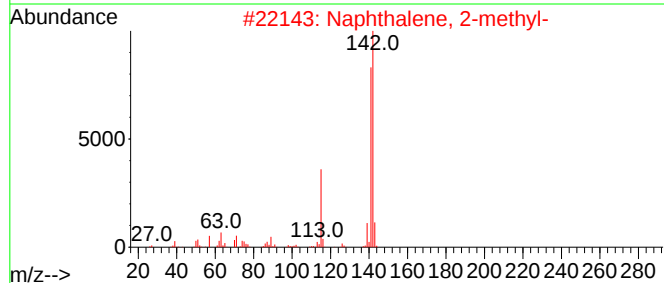
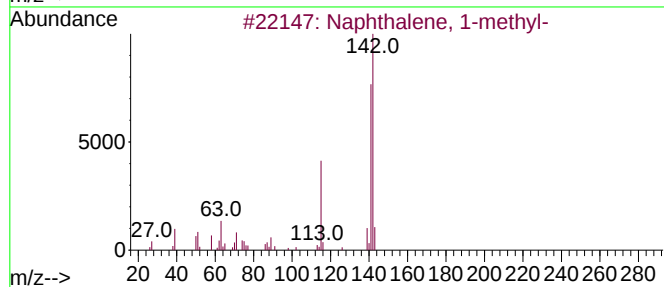
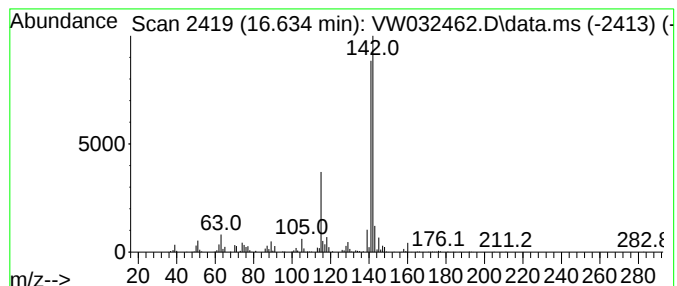
Instrument :
MSVOA_W
ClientSampleId :
OR-02-111425

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260

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

Peak Number 10 Naphthalene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.634	25.24 ug/l	1196990	1,4-Dichlorobenzene-d4	13.556	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
4	Benzocycloheptatriene	142	C11H10	000264-09-5	90
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111725\
Data File : VW032462.D
Acq On : 17 Nov 2025 16:45
Operator : SY/MD
Sample : Q3648-01
Misc : 5.69g/5mL/MSVOA_W/SOIL/A
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
OR-02-111425

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.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
Dodecane	14.714	33.2	ug/l	1573730	4	13.556	2371590	50.0
Benzene, 2-ethe...	14.799	36.2	ug/l	1718930	4	13.556	2371590	50.0
Naphthalene, 1,...	14.952	18.4	ug/l	874610	4	13.556	2371590	50.0
Tridecane	15.543	34.3	ug/l	1625070	4	13.556	2371590	50.0
1H-Indene, 2,3-...	15.647	15.1	ug/l	715939	4	13.556	2371590	50.0
Tetradecane	16.482	25.7	ug/l	1220310	4	13.556	2371590	50.0
Naphthalene, 1-...	16.634	25.2	ug/l	1196990	4	13.556	2371590	50.0