LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103125\
Data File : VX048431.D
Acq On : 31 Oct 2025 14:48
Operator : JC/MD
Sample : Q3505-04 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
10-10-25-WATER

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_X\Method\82X102925W.M
Title : SW846 8260

Signal : TIC: VX048431.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.373	691	703	719	rBV2	72591	234074	29.04%	3.454%
2	5.538	720	730	750	rVB	116128	357963	44.41%	5.282%
3	5.940	787	796	819	rBV	86267	253174	31.41%	3.736%
4	6.745	917	928	949	rBV	212163	567533	70.41%	8.375%
5	8.635	1230	1238	1256	rBV	478089	806004	100.00%	11.894%
6	8.793	1256	1264	1275	rVB6	5909	15018	1.86%	0.222%
7	10.037	1462	1468	1489	rVB	527030	761403	94.47%	11.236%
8	11.061	1631	1636	1648	rBV	434690	621113	77.06%	9.165%
9	11.408	1681	1693	1695	rBV7	6251	13034	1.62%	0.192%
10	11.457	1698	1701	1707	rVB	19967	26323	3.27%	0.388%
11	11.591	1715	1723	1730	rBV5	5708	12559	1.56%	0.185%
12	11.872	1763	1769	1773	rVB6	4648	8089	1.00%	0.119%
13	11.951	1780	1782	1785	rVV3	9967	10600	1.32%	0.156%
14	12.006	1785	1791	1797	rVV	598310	802871	99.61%	11.848%
15	12.085	1797	1804	1808	rVB3	28359	51591	6.40%	0.761%
16	12.201	1819	1823	1829	rBV	72197	102655	12.74%	1.515%
17	12.250	1829	1831	1835	rVB2	10115	10776	1.34%	0.159%
18	12.299	1835	1839	1845	rVB2	19448	32111	3.98%	0.474%
19	12.408	1845	1857	1860	rBV	61239	84946	10.54%	1.254%
20	12.445	1860	1863	1870	rVB4	11566	18365	2.28%	0.271%
21	12.518	1870	1875	1876	rBV3	7299	10199	1.27%	0.151%
22	12.670	1896	1900	1904	rBV3	11733	22857	2.84%	0.337%
23	12.798	1914	1921	1924	rBV8	11939	20428	2.53%	0.301%
24	12.878	1930	1934	1940	rVV5	10935	27813	3.45%	0.410%
25	12.951	1940	1946	1952	rVB5	24768	50734	6.29%	0.749%
26	13.024	1952	1958	1961	rBV4	21918	31807	3.95%	0.469%
27	13.146	1971	1978	1982	rBV5	17262	30507	3.78%	0.450%
28	13.195	1982	1986	1988	rBV3	9753	10800	1.34%	0.159%
29	13.250	1989	1995	1997	rBV	98867	126523	15.70%	1.867%
30	13.274	1997	1999	2004	rVB3	56817	69529	8.63%	1.026%
31	13.365	2009	2014	2017	rVV2	25663	36444	4.52%	0.538%
32	13.408	2017	2021	2029	rVB2	82669	139586	17.32%	2.060%
33	13.481	2029	2033	2037	rBV3	16864	26906	3.34%	0.397%
34	13.524	2037	2040	2043	rBV	13969	17170	2.13%	0.253%
35	13.567	2043	2047	2052	rBV4	19102	33789	4.19%	0.499%
36	13.658	2057	2062	2064	rBV4	15129	29572	3.67%	0.436%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103125\
Data File : VX048431.D
Acq On : 31 Oct 2025 14:48
Operator : JC/MD
Sample : Q3505-04 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
10-10-25-WATER

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_X\Method\82X102925W.M
Title : SW846 8260

37	13.713	2069	2071	2074	rVV3	22340	27872	3.46%	0.411%
38	13.750	2074	2077	2079	rVV	14454	15352	1.90%	0.227%
39	13.780	2079	2082	2084	rVV3	10780	11401	1.41%	0.168%
40	13.829	2084	2090	2096	rVB6	46645	93136	11.56%	1.374%
41	13.902	2096	2102	2108	rBV6	29282	62729	7.78%	0.926%
42	13.951	2108	2110	2113	rVV2	6892	8441	1.05%	0.125%
43	14.018	2117	2121	2124	rVV	126209	136349	16.92%	2.012%
44	14.054	2124	2127	2130	rVV2	28951	39209	4.86%	0.579%
45	14.115	2134	2137	2139	rVV4	11306	14443	1.79%	0.213%
46	14.146	2139	2142	2144	rVV2	8326	11880	1.47%	0.175%
47	14.207	2147	2152	2157	rVB2	78121	130704	16.22%	1.929%
48	14.298	2163	2167	2172	rBV5	14399	25265	3.13%	0.373%
49	14.353	2172	2176	2179	rBV2	23014	25873	3.21%	0.382%
50	14.390	2179	2182	2184	rBV3	15392	17481	2.17%	0.258%
51	14.457	2189	2193	2196	rBV3	53057	82690	10.26%	1.220%
52	14.542	2203	2207	2212	rVB5	18340	29224	3.63%	0.431%
53	14.591	2212	2215	2222	rBV	82064	119343	14.81%	1.761%
54	14.652	2222	2225	2230	rVB2	28861	40058	4.97%	0.591%
55	14.707	2230	2234	2235	rBV3	13598	16530	2.05%	0.244%
56	14.737	2235	2239	2242	rVV	104856	115649	14.35%	1.707%
57	14.768	2242	2244	2247	rVV4	15113	22194	2.75%	0.328%
58	14.798	2247	2249	2251	rVV2	17220	22300	2.77%	0.329%
59	14.822	2251	2253	2257	rVV4	25085	35908	4.46%	0.530%
60	14.883	2260	2263	2273	rVB4	14634	33425	4.15%	0.493%
61	15.018	2281	2285	2289	rBV6	8146	13976	1.73%	0.206%
62	15.158	2303	2308	2311	rBV	30256	47690	5.92%	0.704%
63	15.188	2311	2313	2317	rVV3	23373	29778	3.69%	0.439%
64	15.249	2320	2323	2327	rVB5	10774	15335	1.90%	0.226%
65	15.353	2336	2340	2344	rBV6	8580	12286	1.52%	0.181%
66	15.463	2353	2358	2365	rBV3	19481	33364	4.14%	0.492%
67	15.591	2374	2379	2382	rVB6	6922	11946	1.48%	0.176%

Sum of corrected areas: 6776697

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103125\
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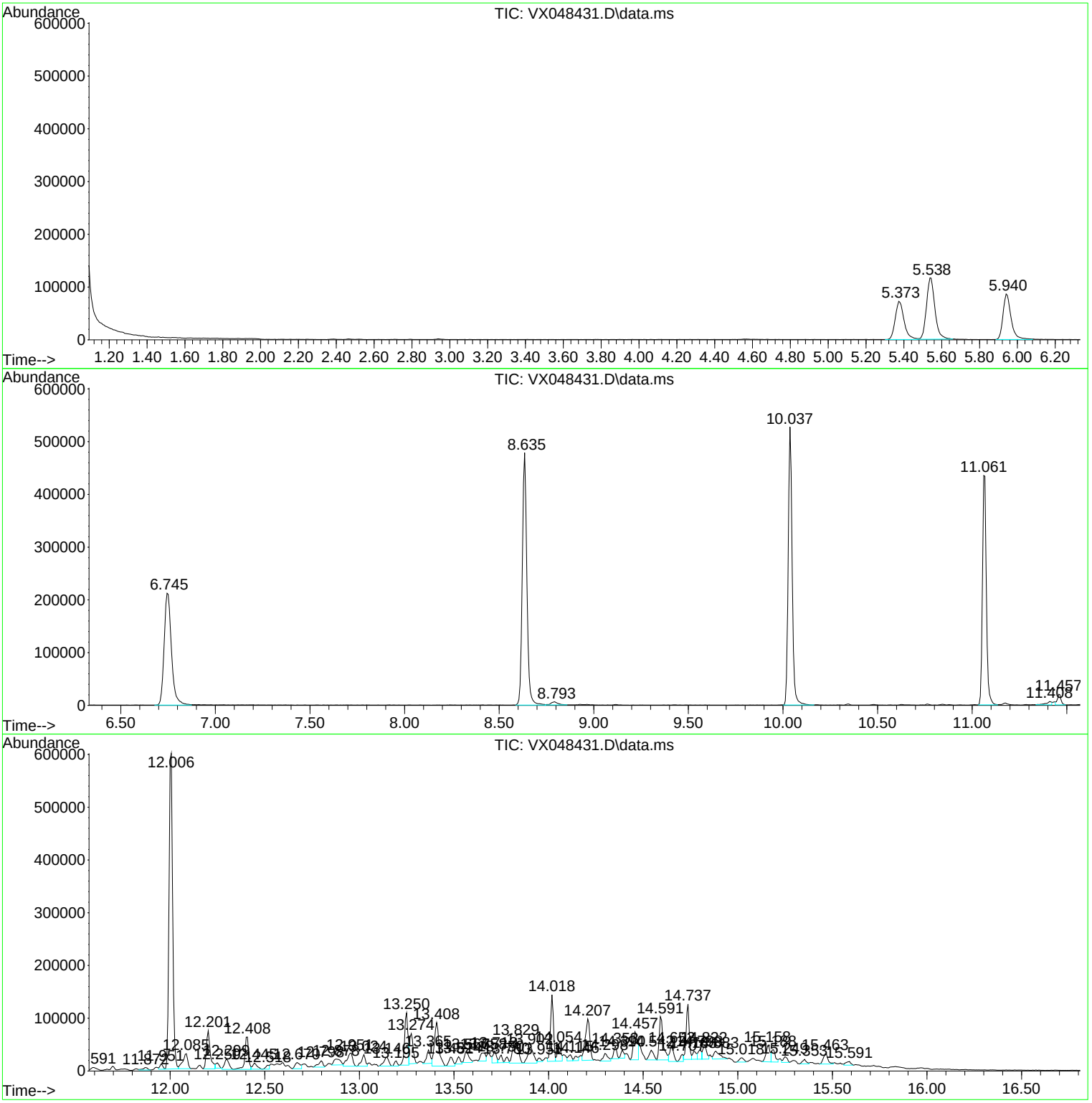
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
10-10-25-WATER

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103125\
Data File : VX048431.D
Acq On : 31 Oct 2025 14:48
Operator : JC/MD
Sample : Q3505-04 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
10-10-25-WATER

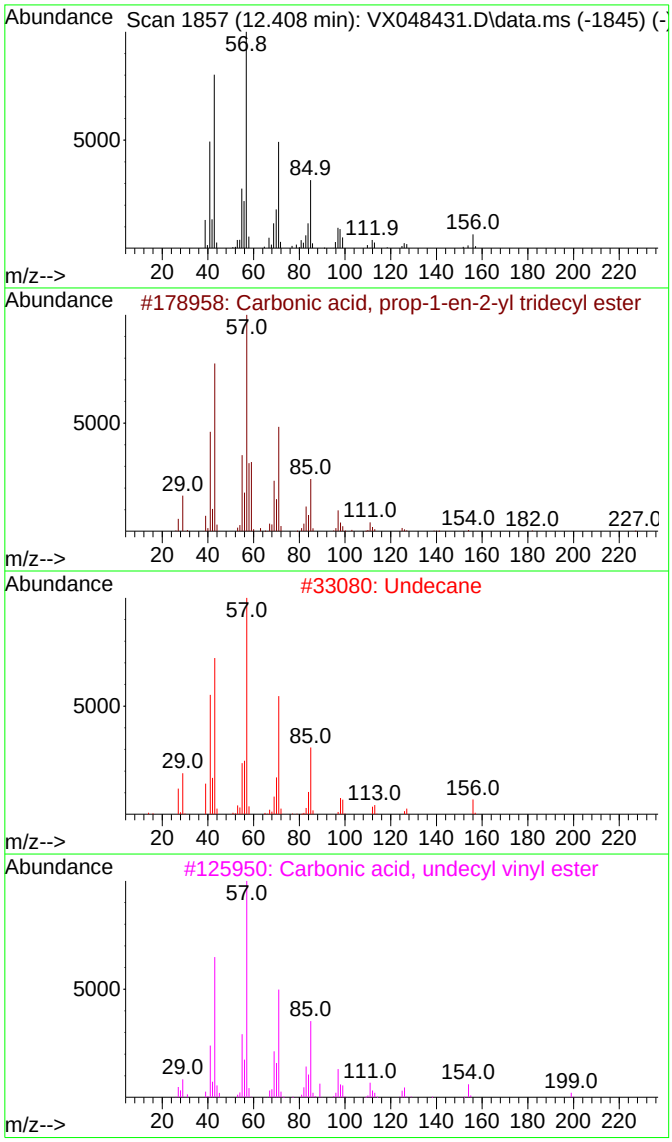
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260

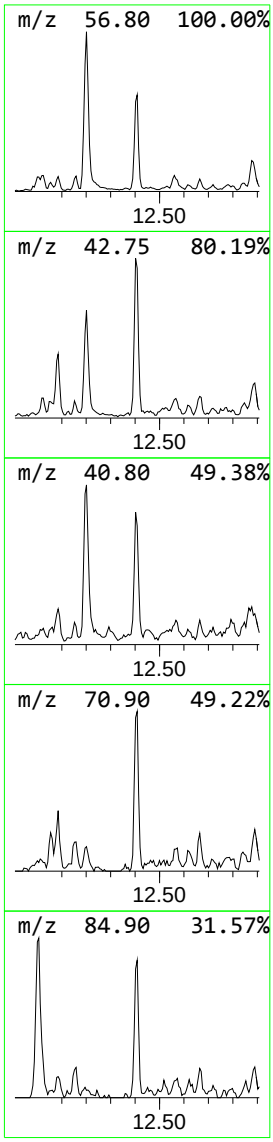
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Carbonic acid, prop-1-en-2-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.408	5.29 ug/l	84946	1,4-Dichlorobenzene-d4	12.006

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	90
2	Undecane	156	C11H24	001120-21-4	87
3	Carbonic acid, undecyl vinyl ester	242	C14H26O3	1000382-54-9	83
4	Decane, 1,1'-oxybis-	298	C20H42O	002456-28-2	80
5	Decane	142	C10H22	000124-18-5	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103125\
Data File : VX048431.D
Acq On : 31 Oct 2025 14:48
Operator : JC/MD
Sample : Q3505-04 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
10-10-25-WATER

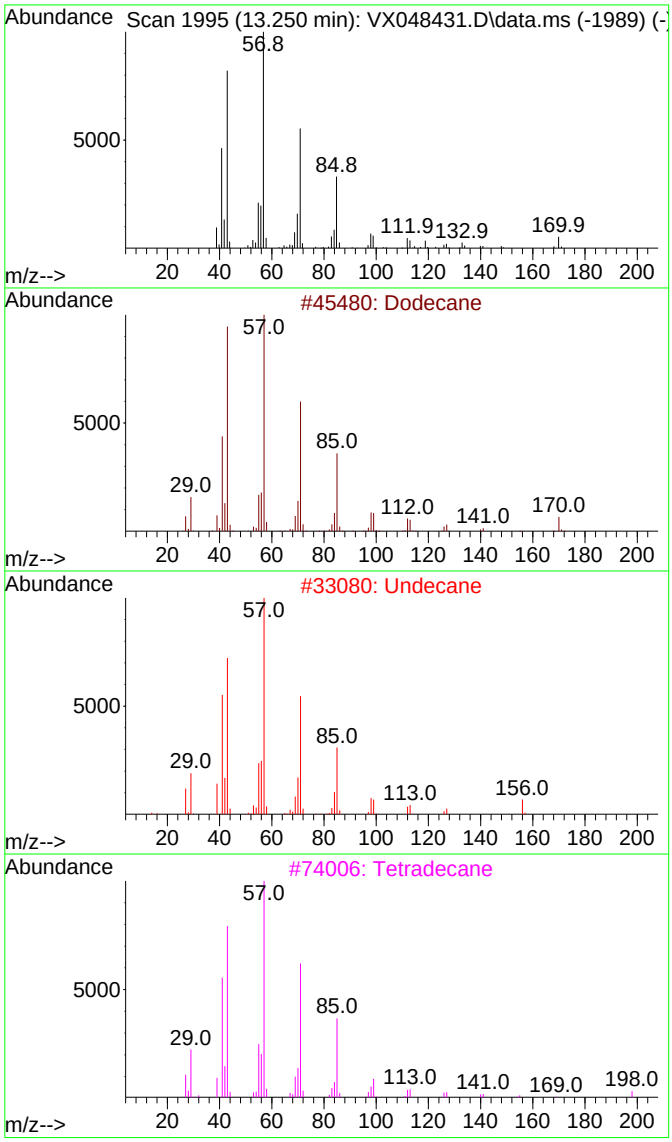
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260

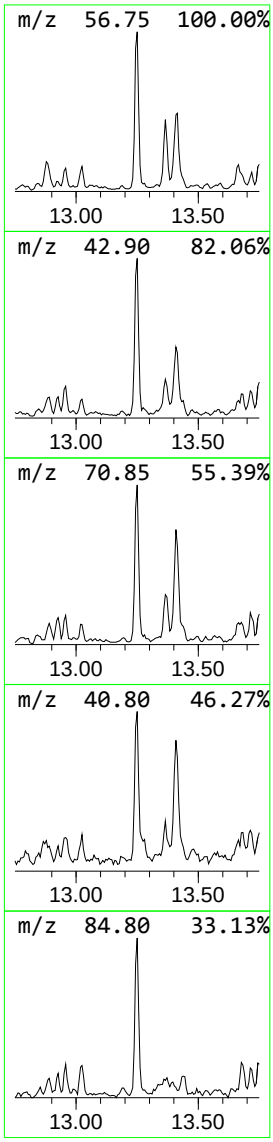
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Dodecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.250	7.88 ug/l	126523	1,4-Dichlorobenzene-d4	12.006

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	94
2	Undecane	156	C11H24	001120-21-4	86
3	Tetradecane	198	C14H30	000629-59-4	86
4	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	72
5	Hexadecane	226	C16H34	000544-76-3	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103125\
Data File : VX048431.D
Acq On : 31 Oct 2025 14:48
Operator : JC/MD
Sample : Q3505-04 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
10-10-25-WATER

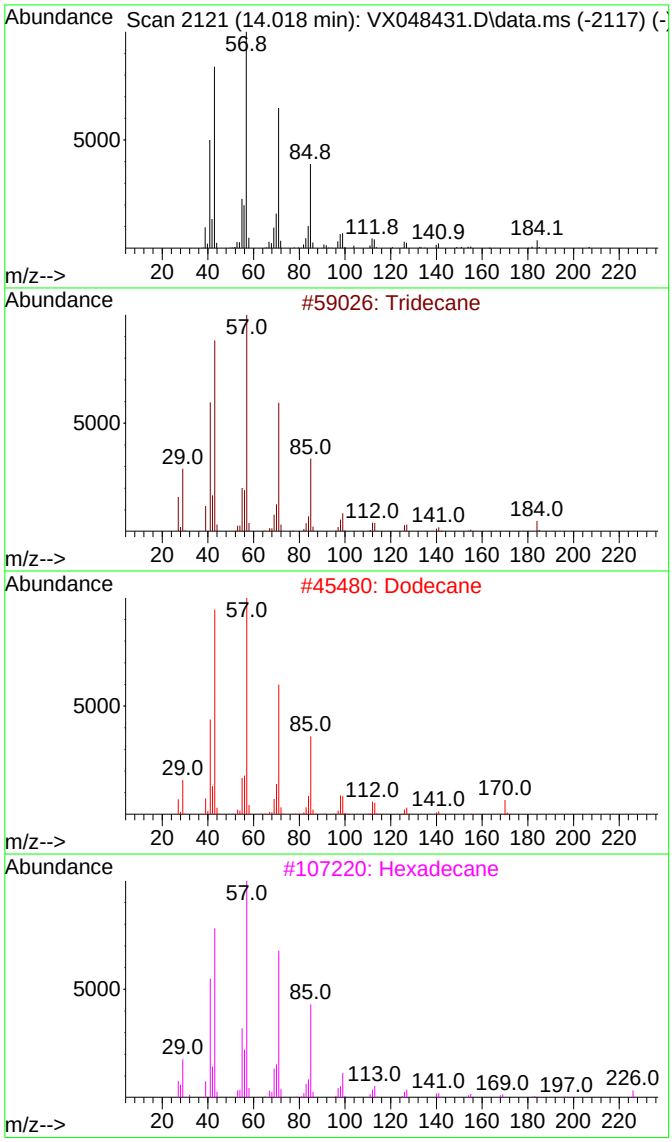
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260

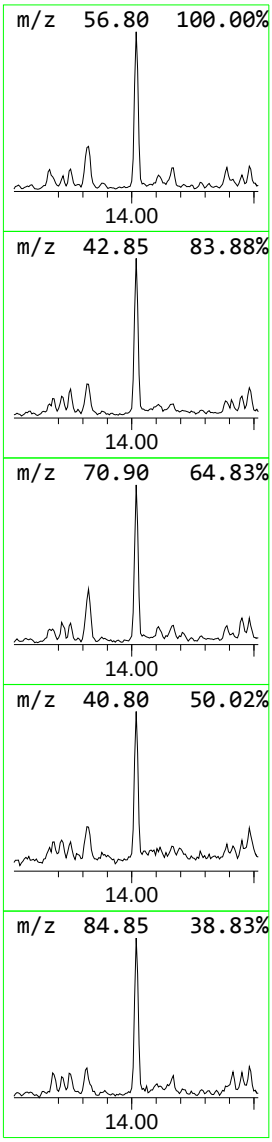
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Tridecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.018	8.49 ug/l	136349	1,4-Dichlorobenzene-d4	12.006

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	95
2	Dodecane	170	C12H26	000112-40-3	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	90
5	Carbonic acid, dodecyl vinyl ester	256	C15H28O3	1000382-54-8	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103125\
Data File : VX048431.D
Acq On : 31 Oct 2025 14:48
Operator : JC/MD
Sample : Q3505-04 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
10-10-25-WATER

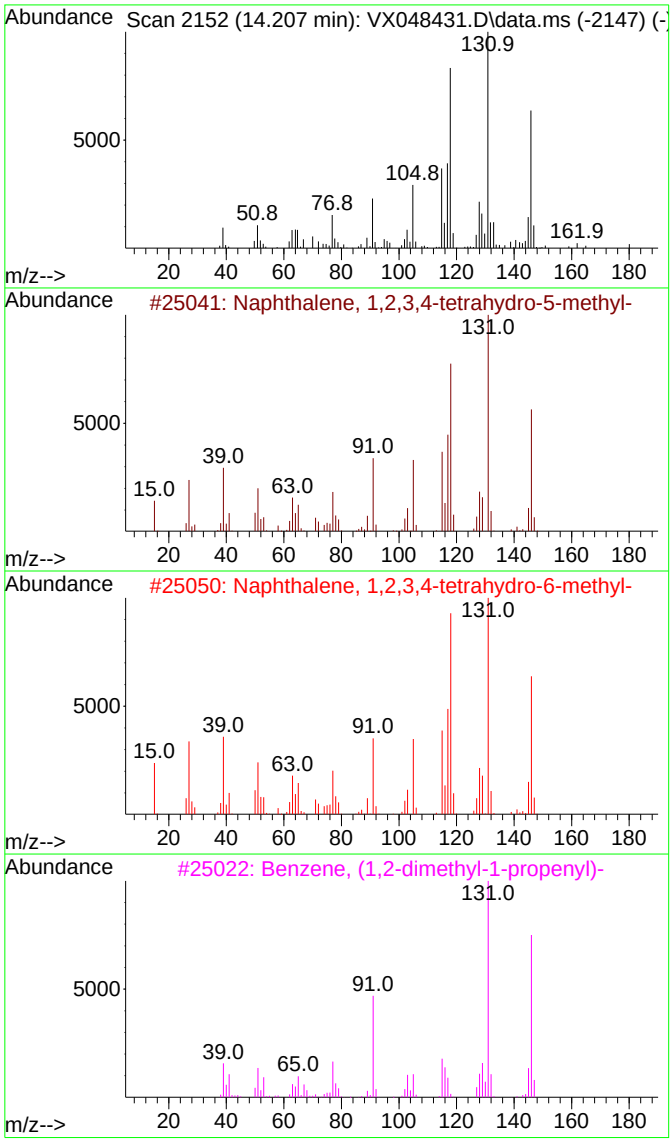
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260

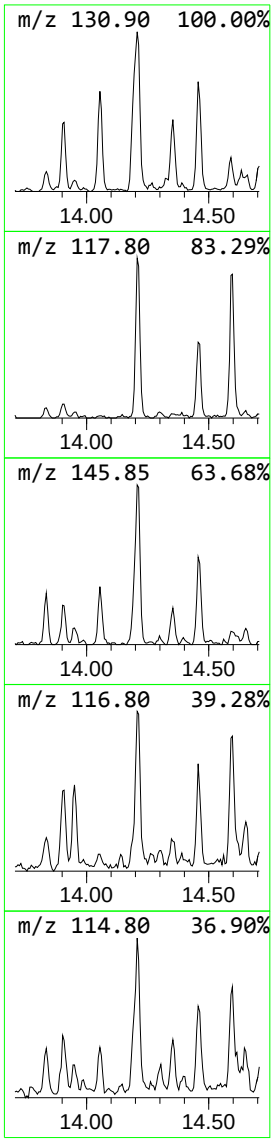
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.207	8.14 ug/l	130704	1,4-Dichlorobenzene-d4	12.006

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	96
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	96
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	87
4	Benzene, (2-methyl-1-methylenepr...	146	C11H14	017498-71-4	55
5	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	55





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Data File : VX048431.D
Acq On : 31 Oct 2025 14:48
Operator : JC/MD
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
10-10-25-WATER

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260

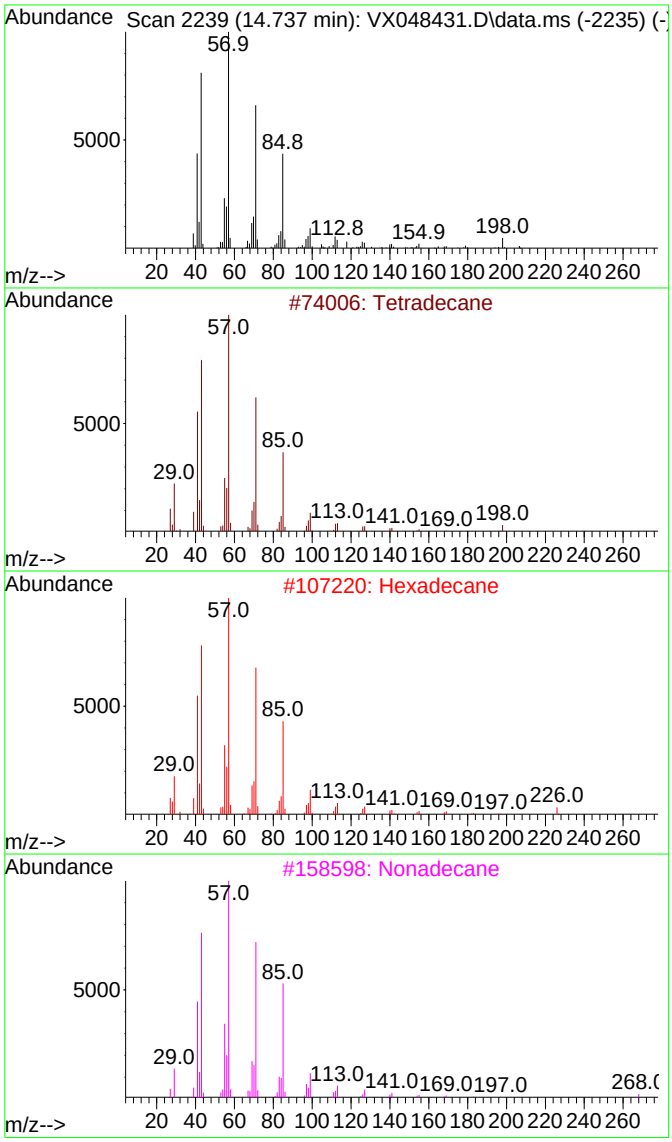
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

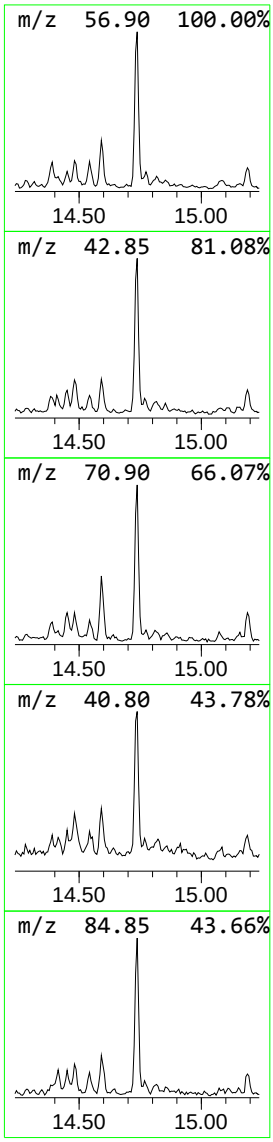
****

Peak Number 10 Tetradecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.737	7.20 ug/l	115649	1,4-Dichlorobenzene-d4	12.006

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	98
2	Hexadecane	226	C16H34	000544-76-3	91
3	Nonadecane	268	C19H40	000629-92-5	90
4	Tridecane	184	C13H28	000629-50-5	87
5	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103125\
Data File : VX048431.D
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Operator : JC/MD
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
10-10-25-WATER

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Carbonic acid, ...	12.408	5.3	ug/l	84946	4	12.006	802871	50.0
Dodecane	13.250	7.9	ug/l	126523	4	12.006	802871	50.0
Tridecane	14.018	8.5	ug/l	136349	4	12.006	802871	50.0
Naphthalene, 1,...	14.207	8.1	ug/l	130704	4	12.006	802871	50.0
Tetradecane	14.737	7.2	ug/l	115649	4	12.006	802871	50.0