LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111324\
Data File : VN084836.D
Acq On : 13 Nov 2024 19:11
Operator : JC\MD
Sample : P4792-04 10X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MANHOLE-WASTE-DRUM

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_N\methods\82N103024W.M
Title : SW846 8260

Signal : TIC: VN084836.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.295	51	58	77	rBV	35550	134311	14.06%	1.028%
2	2.659	114	120	126	rBV3	6216	13833	1.45%	0.106%
3	2.812	139	146	150	rBV6	9917	25076	2.63%	0.192%
4	2.883	150	158	159	rVV6	8475	17697	1.85%	0.135%
5	4.436	410	422	434	rBV3	16920	49839	5.22%	0.381%
6	5.494	591	602	603	rBV	6310	15155	1.59%	0.116%
7	8.159	1044	1055	1060	rBV	133679	324155	33.94%	2.480%
8	8.218	1060	1065	1079	rVB	239432	538624	56.39%	4.121%
9	8.577	1117	1126	1135	rBV	146648	329343	34.48%	2.520%
10	9.094	1205	1214	1224	rBV	338153	698345	73.11%	5.343%
11	9.671	1303	1312	1318	rVB4	11410	27650	2.89%	0.212%
12	10.565	1453	1464	1470	rBV	495352	914866	95.78%	7.000%
13	10.629	1470	1475	1482	rVB	42991	83060	8.70%	0.635%
14	10.741	1487	1494	1500	rVB7	6663	12709	1.33%	0.097%
15	11.300	1579	1589	1595	rBV	30563	57759	6.05%	0.442%
16	11.641	1642	1647	1658	rVB7	5890	14699	1.54%	0.112%
17	11.747	1658	1665	1670	rVB2	5743	9669	1.01%	0.074%
18	11.865	1676	1685	1694	rBV	476747	837765	87.71%	6.410%
19	11.959	1694	1701	1709	rVV	30551	54581	5.71%	0.418%
20	12.065	1710	1719	1730	rVB	105264	210295	22.02%	1.609%
21	12.235	1740	1748	1763	rBV	247516	434194	45.46%	3.322%
22	12.394	1765	1775	1781	rBV2	62431	121779	12.75%	0.932%
23	12.482	1784	1790	1793	rVB5	7636	14171	1.48%	0.108%
24	12.594	1795	1809	1810	rBV9	8820	28270	2.96%	0.216%
25	12.688	1816	1825	1836	rVV9	15692	61654	6.45%	0.472%
26	12.765	1836	1838	1841	rVV2	8530	11749	1.23%	0.090%
27	12.847	1846	1852	1863	rVB	414575	716842	75.05%	5.484%
28	13.029	1877	1883	1888	rBV	18707	33087	3.46%	0.253%
29	13.094	1888	1894	1897	rBV	57669	93071	9.74%	0.712%
30	13.159	1897	1905	1913	rVB3	87684	196300	20.55%	1.502%
31	13.223	1913	1916	1922	rVB6	9355	16200	1.70%	0.124%
32	13.329	1925	1934	1940	rBV	37747	96961	10.15%	0.742%
33	13.388	1940	1944	1952	rVB4	22438	36639	3.84%	0.280%
34	13.482	1952	1960	1970	rBV	111879	240452	25.17%	1.840%
35	13.617	1979	1983	1987	rBV5	13873	20541	2.15%	0.157%
36	13.670	1987	1992	1996	rBV4	26387	50549	5.29%	0.387%

LSC Area Percent Report

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MANHOLE-WASTE-DRUM

Integration Parameters: RTEINT.P
Integrator: RTE
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Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
Title : SW846 8260

37	13.712	1996	1999	2003	rVV3	23666	36396	3.81%	0.278%
38	13.788	2006	2012	2020	rVV	542207	955204	100.00%	7.308%
39	13.859	2020	2024	2031	rVB5	36494	82166	8.60%	0.629%
40	13.941	2031	2038	2040	rBV6	13461	26580	2.78%	0.203%
41	13.988	2041	2046	2060	rVB4	44121	130670	13.68%	1.000%
42	14.100	2060	2065	2072	rBV	231038	386109	40.42%	2.954%
43	14.253	2078	2091	2100	rBV5	172877	610999	63.97%	4.675%
44	14.364	2107	2110	2118	rBV7	24091	43506	4.55%	0.333%
45	14.488	2127	2131	2137	rBV7	41139	71642	7.50%	0.548%
46	14.576	2142	2146	2150	rVV4	64001	121062	12.67%	0.926%
47	14.623	2150	2154	2157	rVV3	109857	175338	18.36%	1.341%
48	14.659	2157	2160	2164	rVV	80822	128477	13.45%	0.983%
49	14.729	2168	2172	2176	rVV3	61085	80853	8.46%	0.619%
50	14.847	2188	2192	2194	rBV5	16137	25237	2.64%	0.193%
51	14.953	2202	2210	2218	rVB	439058	692295	72.48%	5.297%
52	15.047	2219	2226	2227	rBV5	85479	159519	16.70%	1.220%
53	15.076	2228	2231	2242	rVB	148804	312240	32.69%	2.389%
54	15.211	2249	2254	2260	rVB7	56302	134240	14.05%	1.027%
55	15.311	2268	2271	2277	rVB7	34120	52538	5.50%	0.402%
56	15.417	2283	2289	2293	rBV5	52822	125258	13.11%	0.958%
57	15.506	2300	2304	2312	rVB5	97760	217958	22.82%	1.668%
58	15.588	2313	2318	2327	rVB	154492	281440	29.46%	2.153%
59	15.829	2353	2359	2369	rVB	490033	890317	93.21%	6.812%
60	15.947	2370	2379	2384	rBV7	66879	205948	21.56%	1.576%
61	16.164	2412	2416	2428	rVB7	52097	130632	13.68%	0.999%
62	16.453	2461	2465	2469	rBV3	49276	92683	9.70%	0.709%
63	16.541	2476	2480	2486	rVB5	79111	142209	14.89%	1.088%
64	16.611	2487	2492	2502	rVB2	98680	216946	22.71%	1.660%

Sum of corrected areas: 13070352

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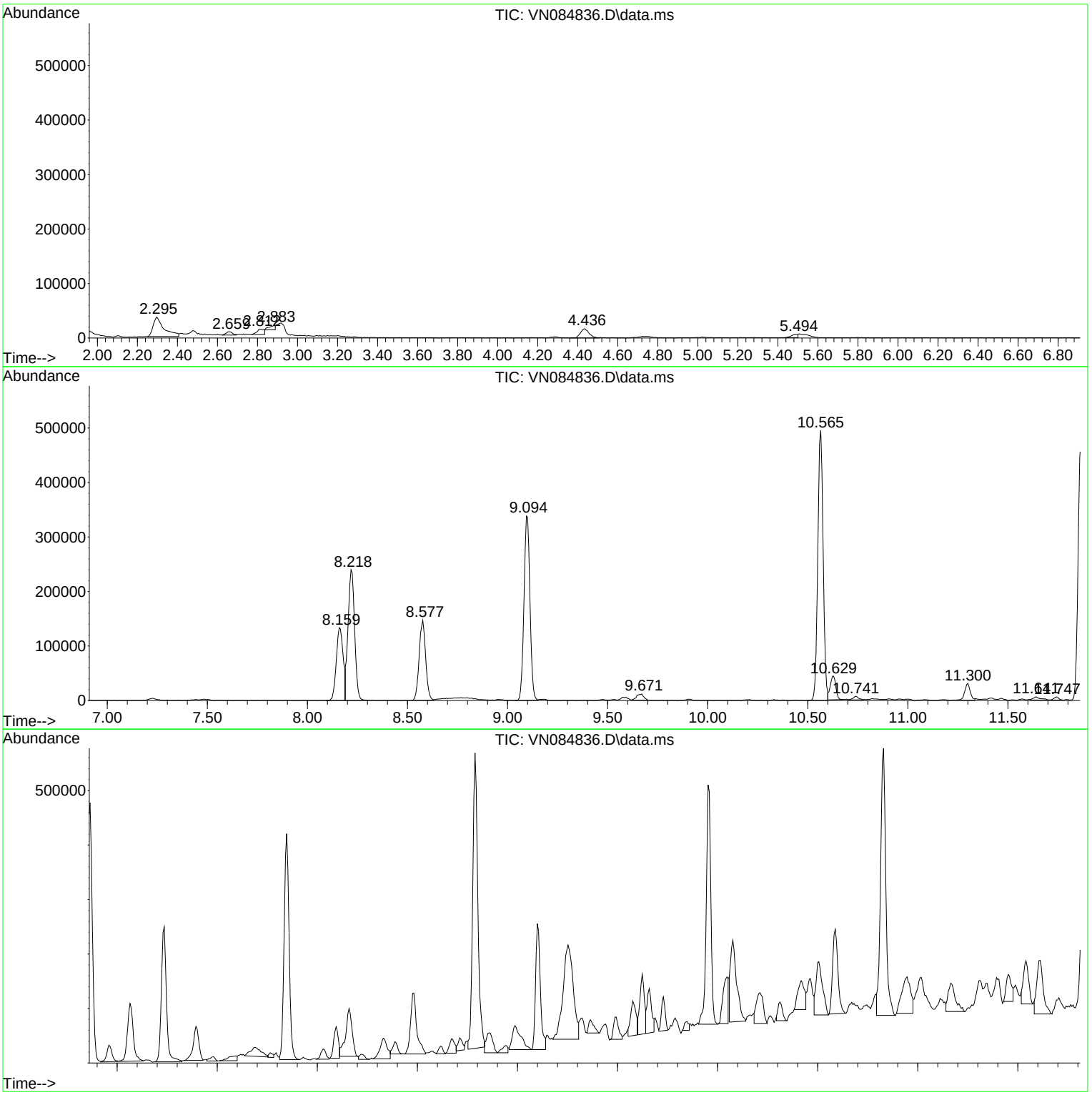
ClientSampleId :
MANHOLE-WASTE-DRUM

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
Quant Title : SW846 8260

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



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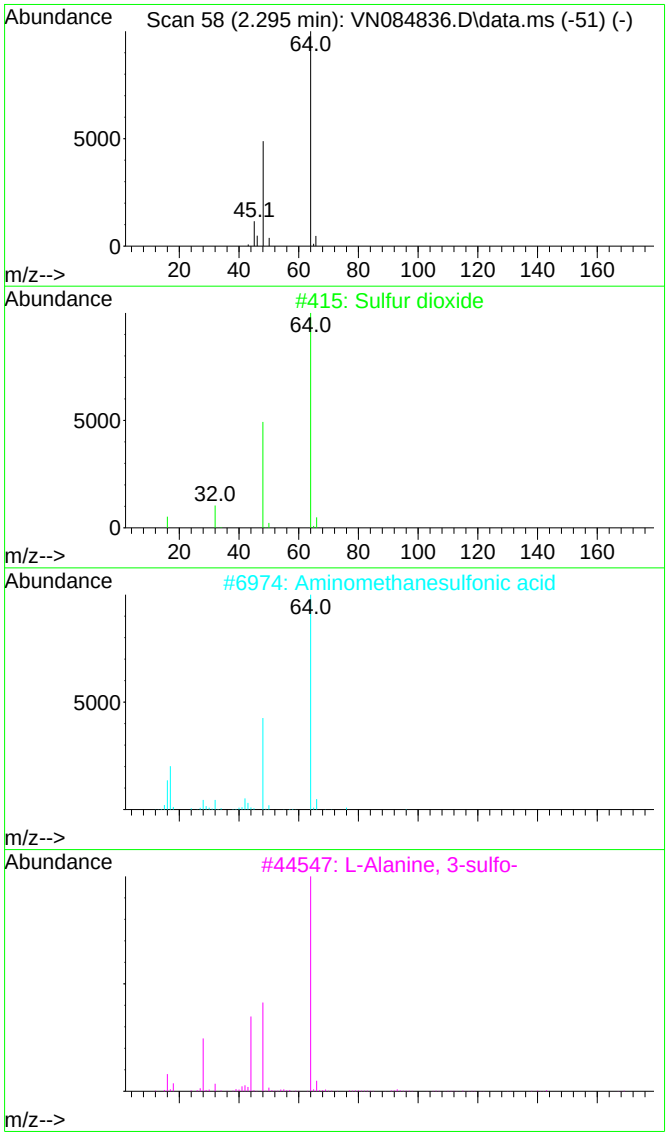
Quant Title : SW846 8260

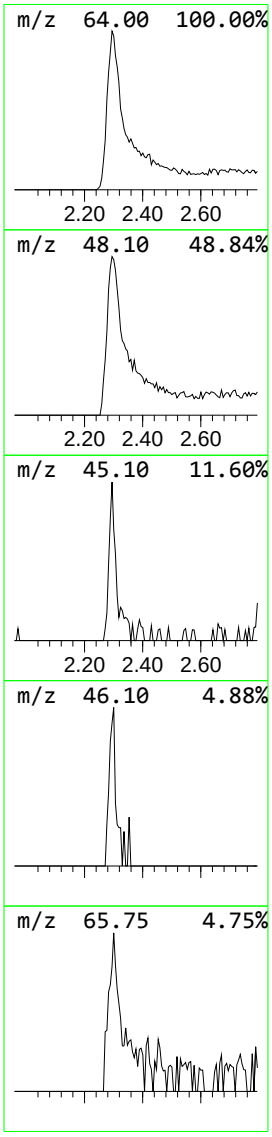
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Sulfur dioxide Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.295	12.47 ug/l	134311	Pentafluorobenzene	8.218

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	90
2	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	64
3	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
4	Ethene, 1,2-difluoro-	64	C2H2F2	001691-13-0	5
5	Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	4





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Data File : VN084836.D
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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MANHOLE-WASTE-DRUM

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
Quant Title : SW846 8260

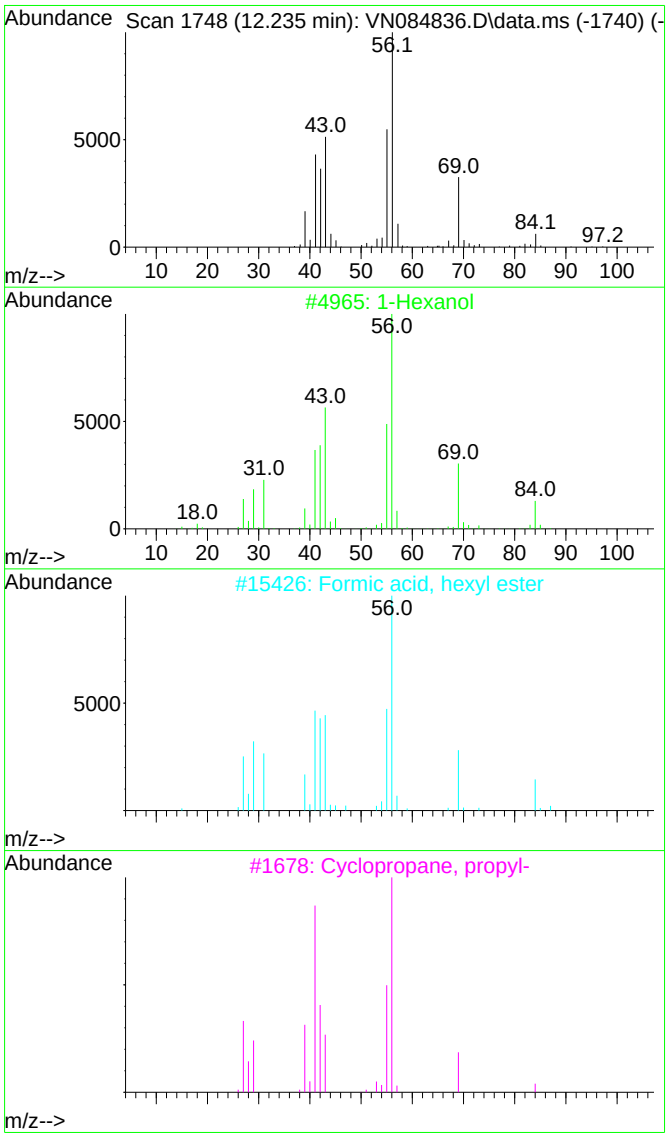
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

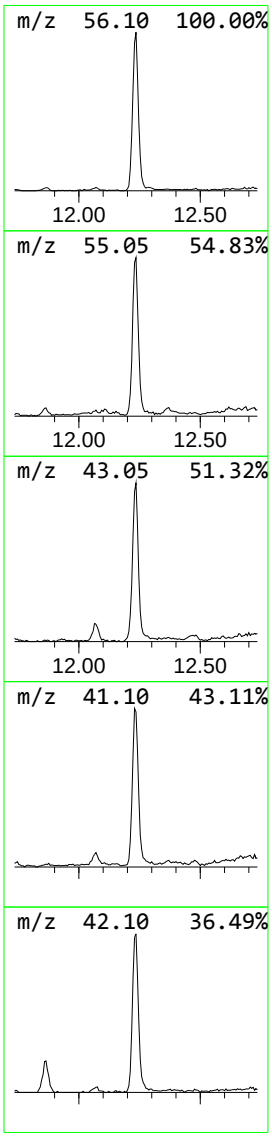
****

Peak Number 2 1-Hexanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.235	25.91 ug/l	434194	Chlorobenzene-d5	11.865

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol	102	C6H14O	000111-27-3	86
2	Formic acid, hexyl ester	130	C7H14O2	000629-33-4	83
3	Cyclopropane, propyl-	84	C6H12	002415-72-7	83
4	Cyclopentane, methyl-	84	C6H12	000096-37-7	78
5	Cyclobutane, butyl-	112	C8H16	013152-44-8	78





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Misc : 5.0mL/MSVOA_N/WATER
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MSVOA_N
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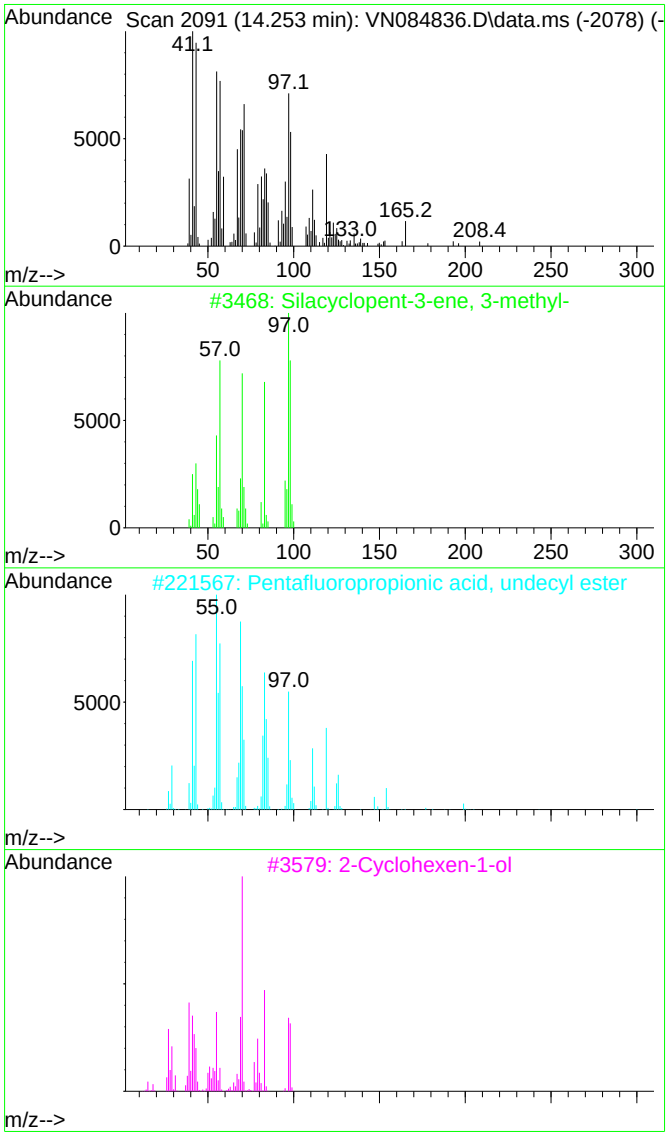
Quant Title : SW846 8260

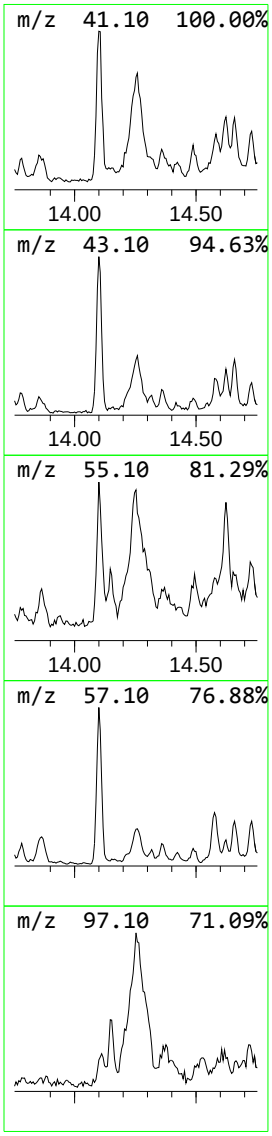
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 unknown14.253 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.253	31.98 ug/l	610999	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silacyclopent-3-ene, 3-methyl-	98	C5H10Si	054077-65-5	41
2	Pentafluoropropionic acid, undec...	318	C14H23F5O2	959014-11-0	30
3	2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	25
4	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	25
5	Pentafluoropropionic acid, tride...	346	C16H27F5O2	959261-22-4	22





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ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
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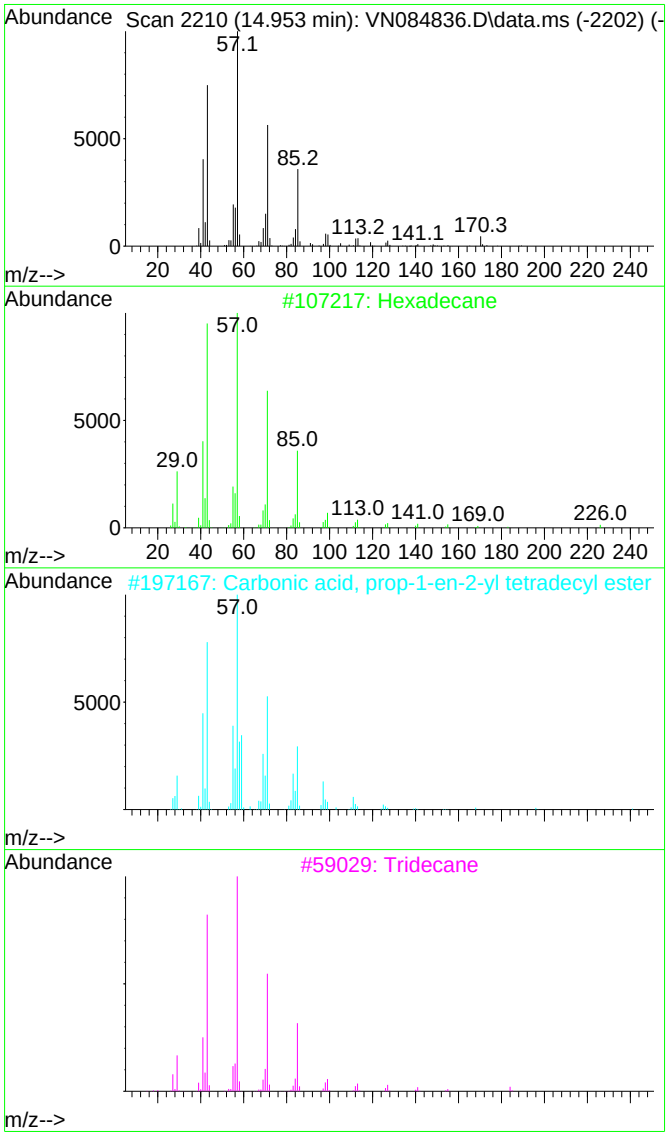
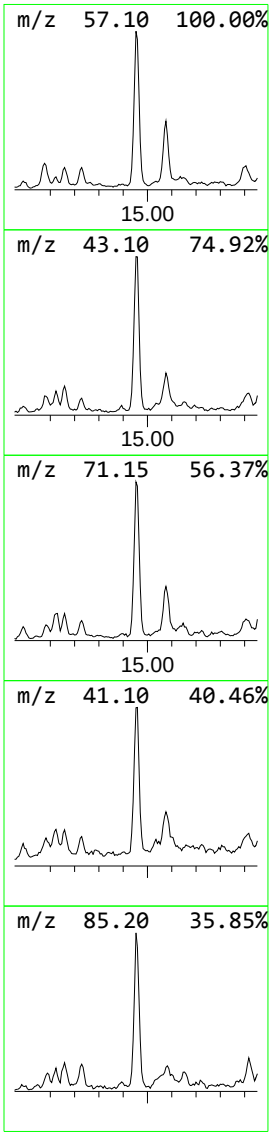
****
Peak Number 4 Hexadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.953	36.24 ug/l	692295	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	86
2	Carbonic acid, prop-1-en-2-yl te...	298	C18H34O3	1000382-90-9	86
3	Tridecane	184	C13H28	000629-50-5	86
4	Dodecane	170	C12H26	000112-40-3	83
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78





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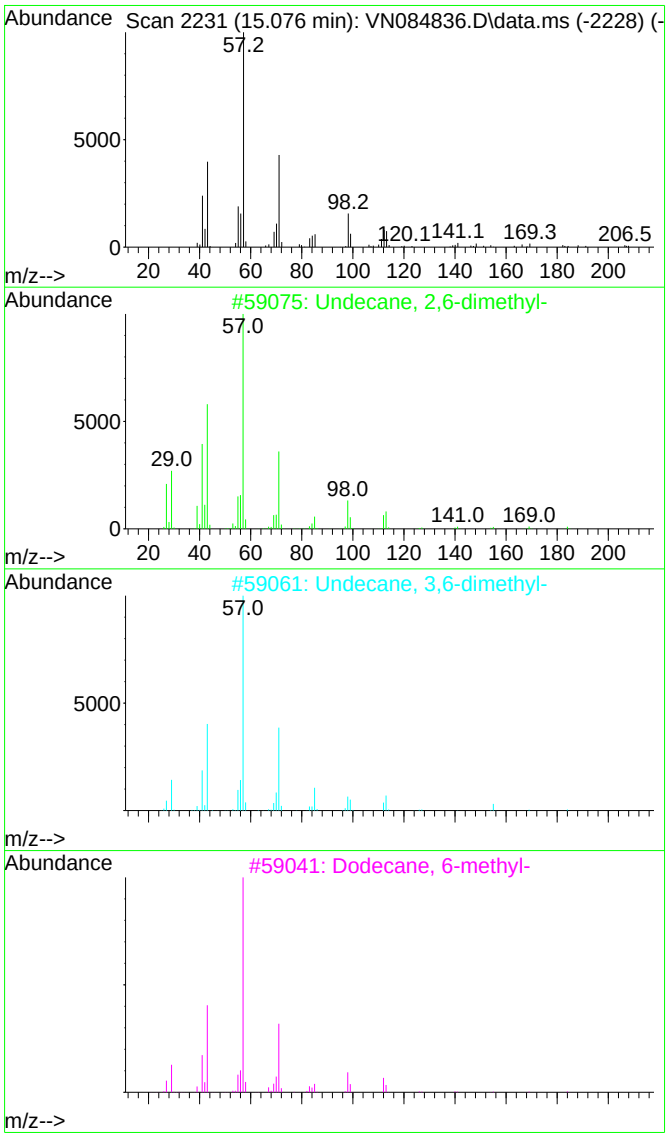
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
Quant Title : SW846 8260

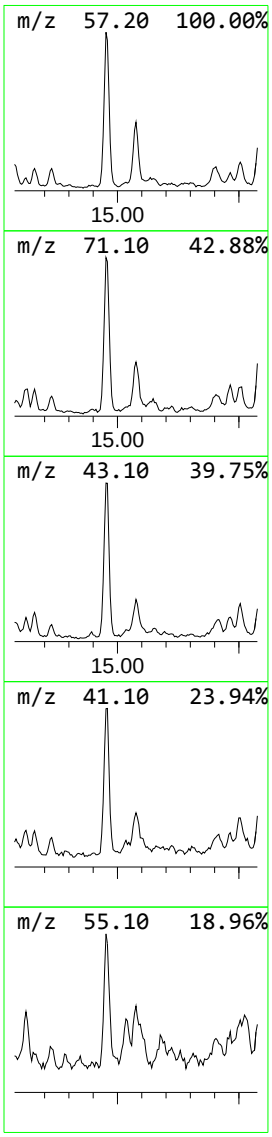
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Undecane, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.076	16.34 ug/l	312240	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	83
2	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	83
3	Dodecane, 6-methyl-	184	C13H28	006044-71-9	76
4	5-Ethyldecane	170	C12H26	017302-36-2	72
5	Undecane, 6-ethyl-	184	C13H28	017312-60-6	59





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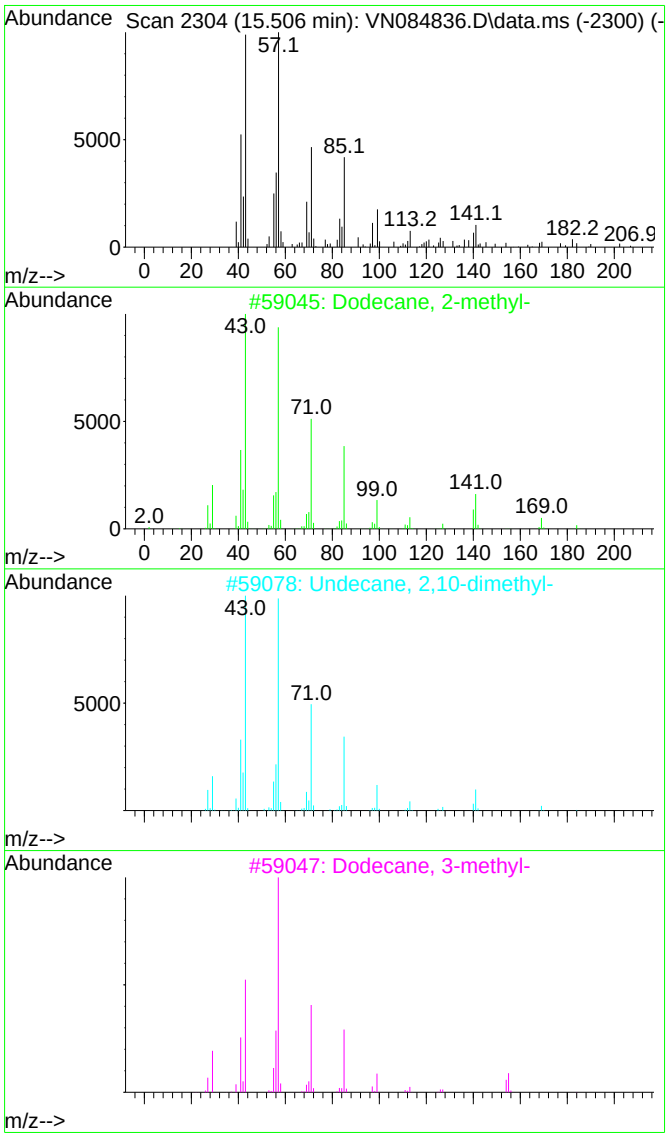
Quant Title : SW846 8260

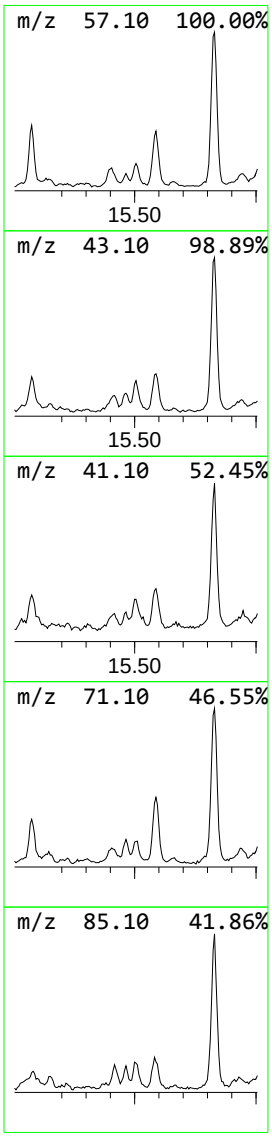
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Dodecane, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.506	11.41 ug/l	217958	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-	184	C13H28	001560-97-0	81
2	Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	78
3	Dodecane, 3-methyl-	184	C13H28	017312-57-1	59
4	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	53
5	Decane, 1-iodo-	268	C10H21I	002050-77-3	53





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MSVOA_N
ClientSampleId :
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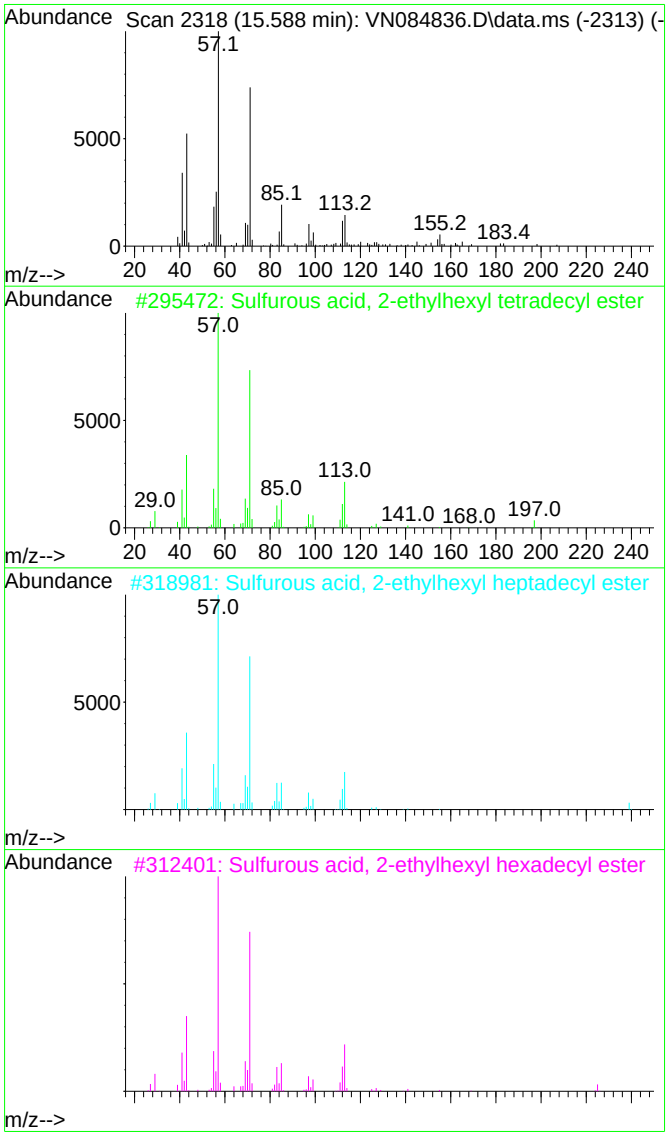
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
Quant Title : SW846 8260

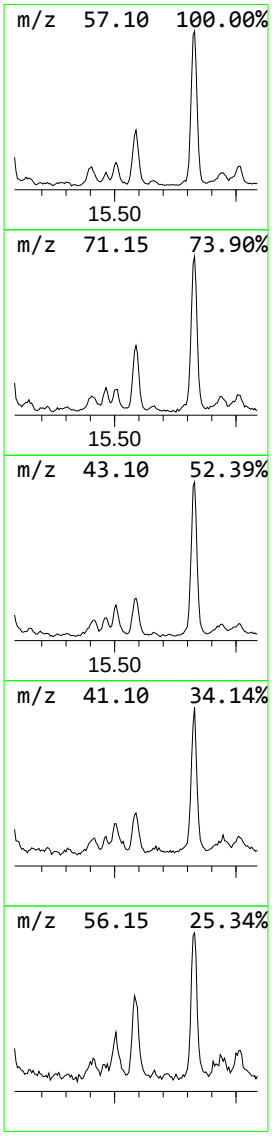
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Sulfurous acid, 2-ethylhexy... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.588	14.73 ug/l	281440	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, 2-ethylhexyl tet...	390	C22H46O3S	1000309-19-7	80
2	Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	72
3	Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S	1000309-19-9	72
4	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	72
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111324\
Data File : VN084836.D
Acq On : 13 Nov 2024 19:11
Operator : JC\MD
Sample : P4792-04 10X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MANHOLE-WASTE-DRUM

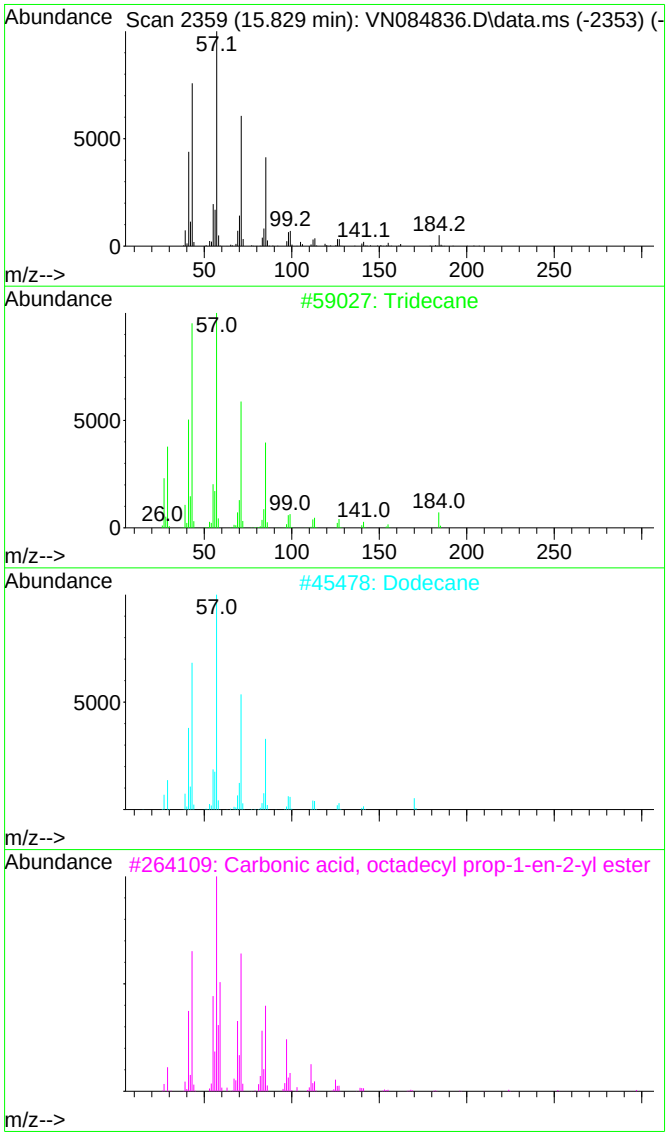
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
Quant Title : SW846 8260

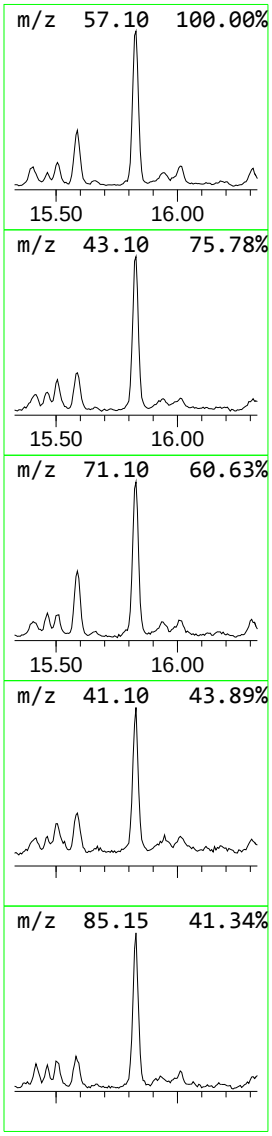
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Tridecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.829	46.60 ug/l	890317	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	96
2	Dodecane	170	C12H26	000112-40-3	90
3	Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	90
4	Tetradecane	198	C14H30	000629-59-4	90
5	Hexadecane	226	C16H34	000544-76-3	90





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Data File : VN084836.D
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Operator : JC\MD
Sample : P4792-04 10X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MANHOLE-WASTE-DRUM

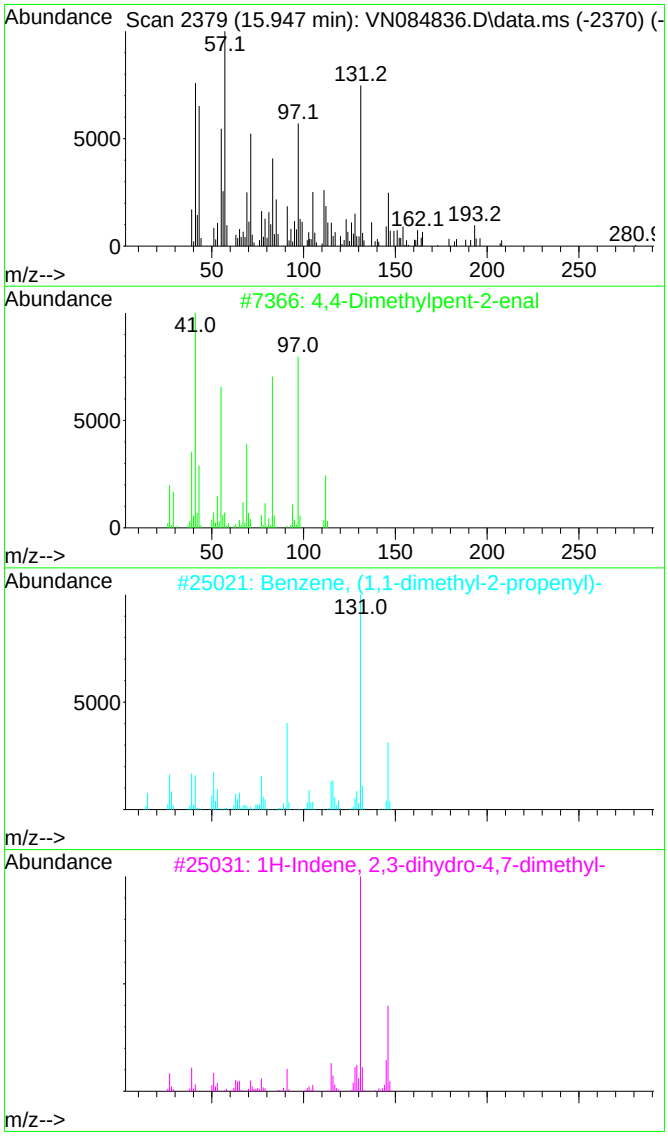
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
Quant Title : SW846 8260

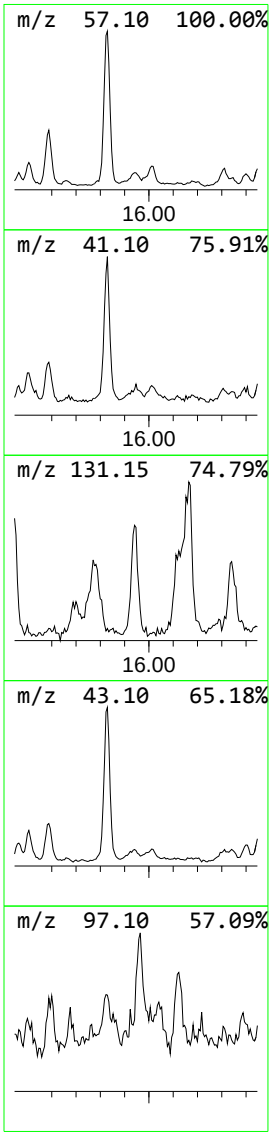
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 unknown15.947 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.947	10.78 ug/l	205948	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4-Dimethylpent-2-enal	112	C7H12O	1010195-01-6	35
2	Benzene, (1,1-dimethyl-2-propenyl)-	146	C11H14	018321-36-3	30
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	25
4	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	25
5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	25





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Data File : VN084836.D
Acq On : 13 Nov 2024 19:11
Operator : JC\MD
Sample : P4792-04 10X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MANHOLE-WASTE-DRUM

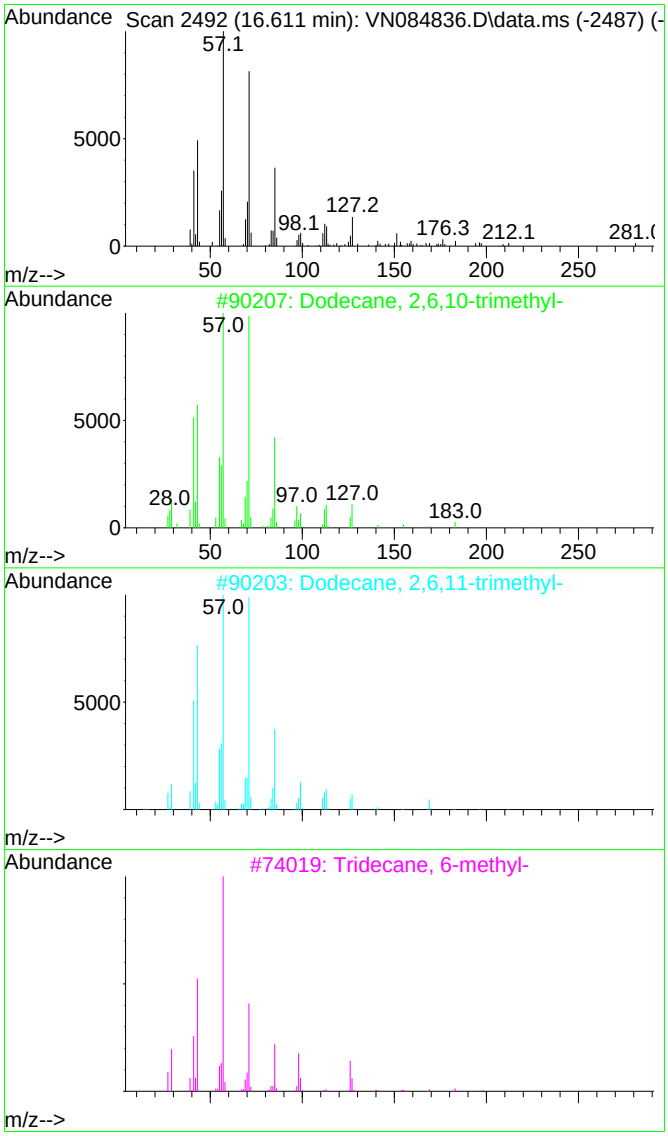
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
Quant Title : SW846 8260

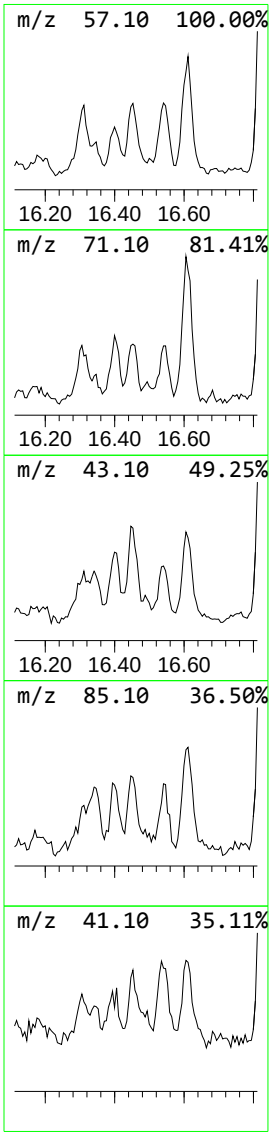
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Dodecane, 2,6,10-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.611	11.36 ug/l	216946	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	91
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
3	Tridecane, 6-methyl-	198	C14H30	013287-21-3	59
4	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	53
5	Sulfurous acid, pentadecyl 2-pen...	362	C20H42O3S	1000309-16-4	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111324\
Data File : VN084836.D
Acq On : 13 Nov 2024 19:11
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ALS Vial : 24 Sample Multiplier: 1

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ClientSampleId :
MANHOLE-WASTE-DRUM

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.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
Sulfur dioxide	2.295	12.5	ug/l	134311	1	8.218	538624	50.0
1-Hexanol	12.235	25.9	ug/l	434194	3	11.865	837765	50.0
unknown14.253	14.253	32.0	ug/l	610999	4	13.788	955204	50.0
Hexadecane	14.953	36.2	ug/l	692295	4	13.788	955204	50.0
Undecane, 2,6-d...	15.076	16.3	ug/l	312240	4	13.788	955204	50.0
Dodecane, 2-met...	15.506	11.4	ug/l	217958	4	13.788	955204	50.0
Sulfurous acid,...	15.588	14.7	ug/l	281440	4	13.788	955204	50.0
Tridecane	15.829	46.6	ug/l	890317	4	13.788	955204	50.0
unknown15.947	15.947	10.8	ug/l	205948	4	13.788	955204	50.0
Dodecane, 2,6,1...	16.611	11.4	ug/l	216946	4	13.788	955204	50.0