LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071718\
Data File : VW003988.D
Acq On : 17 Jul 2018 16:36
Operator : VA/AP
Sample : J3819-01
Misc : 5.86G/5ML/MSVOA W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : AU-05-071318-A

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\82W071618S.M
Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.807	28	36	56	rVB	846118	1972204	100.00%	16.976%
2	4.123	408	416	430	rVB	16110	44393	2.25%	0.382%
3	4.910	535	545	560	rBV4	9337	38387	1.95%	0.330%
4	7.159	904	914	930	rBV2	11517	36734	1.86%	0.316%
5	7.885	1023	1033	1038	rBV	130462	302922	15.36%	2.608%
6	7.946	1038	1043	1054	rVB	174695	389174	19.73%	3.350%
7	8.312	1091	1103	1114	rBV	139449	304903	15.46%	2.625%
8	8.848	1181	1191	1202	rBV	287824	568190	28.81%	4.891%
9	9.415	1277	1284	1296	rVB3	24025	56971	2.89%	0.490%
10	10.330	1425	1434	1440	rBV	362244	649872	32.95%	5.594%
11	10.391	1440	1444	1457	rVB	39336	68215	3.46%	0.587%
12	11.079	1550	1557	1568	rBV	151315	253931	12.88%	2.186%
13	11.634	1641	1648	1657	rBV	302703	525055	26.62%	4.520%
14	11.842	1675	1682	1693	rVB3	10796	24411	1.24%	0.210%
15	12.018	1706	1711	1719	rBV	19499	32345	1.64%	0.278%
16	12.244	1742	1748	1757	rBV	15739	27544	1.40%	0.237%
17	12.348	1758	1765	1769	rBV3	18857	31365	1.59%	0.270%
18	12.622	1804	1810	1820	rVB	189052	322144	16.33%	2.773%
19	12.872	1846	1851	1855	rBV	24817	42305	2.15%	0.364%
20	12.939	1858	1862	1869	rVB3	47243	84555	4.29%	0.728%
21	13.049	1875	1880	1884	rBV2	17633	29066	1.47%	0.250%
22	13.110	1884	1890	1894	rVV2	49882	94099	4.77%	0.810%
23	13.158	1894	1898	1904	rVV3	39778	78991	4.01%	0.680%
24	13.219	1904	1908	1911	rVV	53826	84426	4.28%	0.727%
25	13.256	1911	1914	1918	rVV	88624	143529	7.28%	1.235%
26	13.299	1918	1921	1926	rVB	26793	39621	2.01%	0.341%
27	13.402	1932	1938	1943	rBV3	50471	88085	4.47%	0.758%
28	13.451	1943	1946	1950	rVV2	21193	34784	1.76%	0.299%
29	13.500	1950	1954	1959	rVV6	12581	31033	1.57%	0.267%
30	13.567	1959	1965	1974	rVV2	223712	443578	22.49%	3.818%
31	13.762	1993	1997	2000	rBV3	33805	49288	2.50%	0.424%
32	13.798	2000	2003	2012	rVB4	31730	64969	3.29%	0.559%
33	13.884	2012	2017	2026	rBV2	107750	180960	9.18%	1.558%
34	14.024	2035	2040	2042	rBV2	30774	48638	2.47%	0.419%

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ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : AU-05-071318-A

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\82W071618S.M
Title : SW846 8260

35	14.103	2047	2053	2058	rVB2	42354	89601	4.54%	0.771%
36	14.219	2066	2072	2078	rBV3	50535	104889	5.32%	0.903%
37	14.317	2082	2088	2097	rVV	1067793	1549632	78.57%	13.339%
38	14.396	2097	2101	2104	rVV4	29078	48639	2.47%	0.419%
39	14.433	2104	2107	2110	rVV2	25770	38489	1.95%	0.331%
40	14.469	2110	2113	2116	rVB	38233	49058	2.49%	0.422%
41	14.512	2116	2120	2123	rVB3	23704	29595	1.50%	0.255%
42	14.554	2123	2127	2134	rVB4	23193	41029	2.08%	0.353%
43	14.652	2134	2143	2147	rBV4	22453	59615	3.02%	0.513%
44	14.701	2147	2151	2153	rBV2	34305	53213	2.70%	0.458%
45	14.737	2153	2157	2162	rVB2	116043	173658	8.81%	1.495%
46	14.817	2162	2170	2175	rBV4	92119	236011	11.97%	2.032%
47	14.969	2190	2195	2201	rVB	80323	133748	6.78%	1.151%
48	15.079	2208	2213	2218	rBV3	44204	84477	4.28%	0.727%
49	15.195	2226	2232	2239	rVB5	34219	79745	4.04%	0.686%
50	15.262	2240	2243	2251	rVB6	19008	40610	2.06%	0.350%
51	15.341	2251	2256	2259	rBV4	28117	52070	2.64%	0.448%
52	15.438	2266	2272	2276	rBV	42077	74583	3.78%	0.642%
53	15.487	2276	2280	2281	rBV4	16301	22508	1.14%	0.194%
54	15.566	2289	2293	2303	rVB	82709	146589	7.43%	1.262%
55	15.670	2303	2310	2318	rBV5	27058	70493	3.57%	0.607%
56	15.877	2331	2344	2354	rVB	97047	222777	11.30%	1.918%
57	16.036	2363	2370	2378	rBV	342434	589237	29.88%	5.072%
58	16.194	2387	2396	2402	rBV2	46754	107189	5.43%	0.923%
59	16.389	2421	2428	2434	rVV2	46728	99811	5.06%	0.859%
60	16.457	2434	2439	2444	rVV	35803	80250	4.07%	0.691%
61	16.517	2444	2449	2455	rVB	43744	81761	4.15%	0.704%
62	16.664	2465	2473	2478	rBV5	25855	71323	3.62%	0.614%

Sum of corrected areas: 11617287

LSC Report - Integrated Chromatogram

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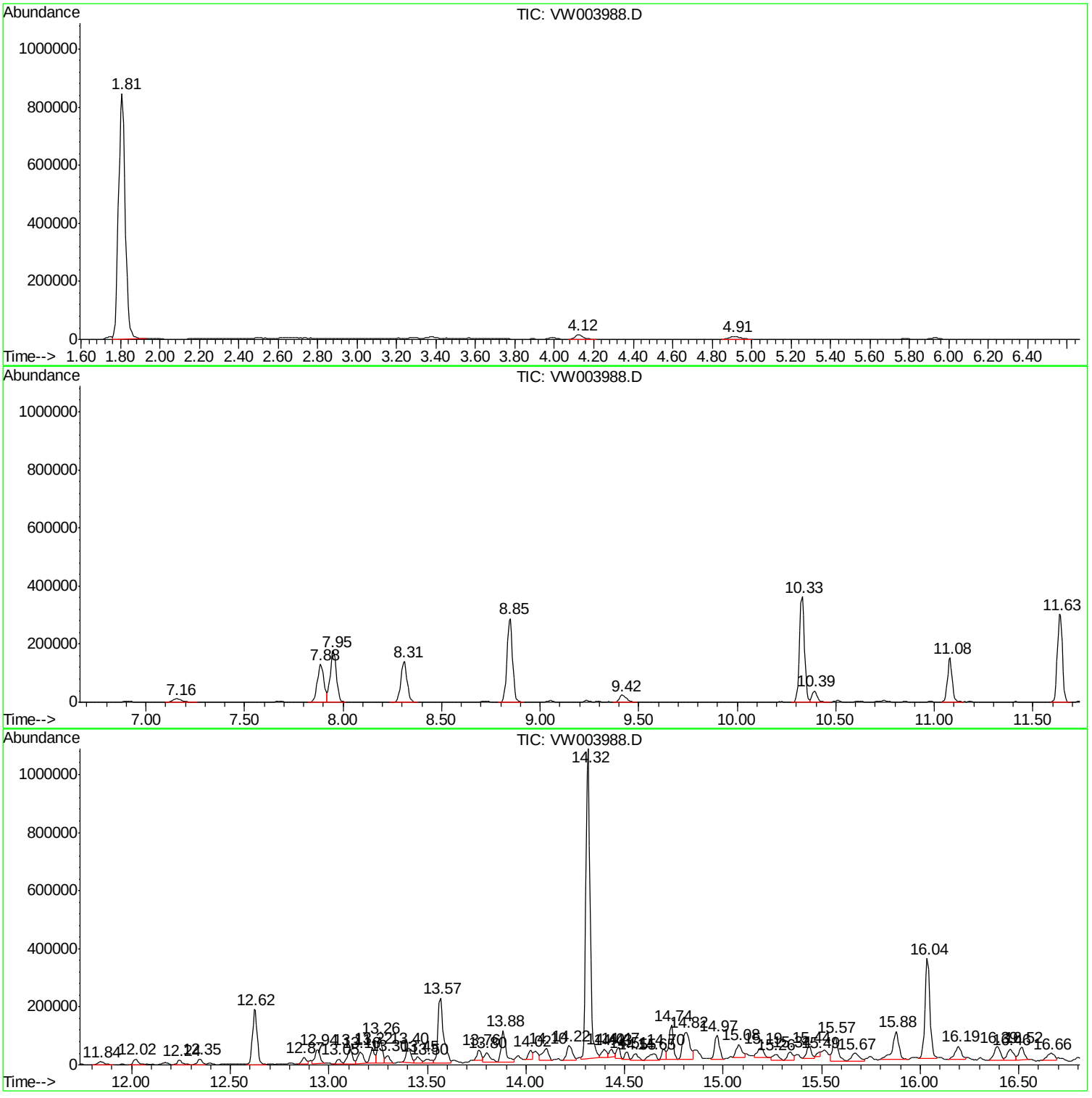
Instrument :
MSVOA_W
ClientSampleId :
AU-05-071318-A

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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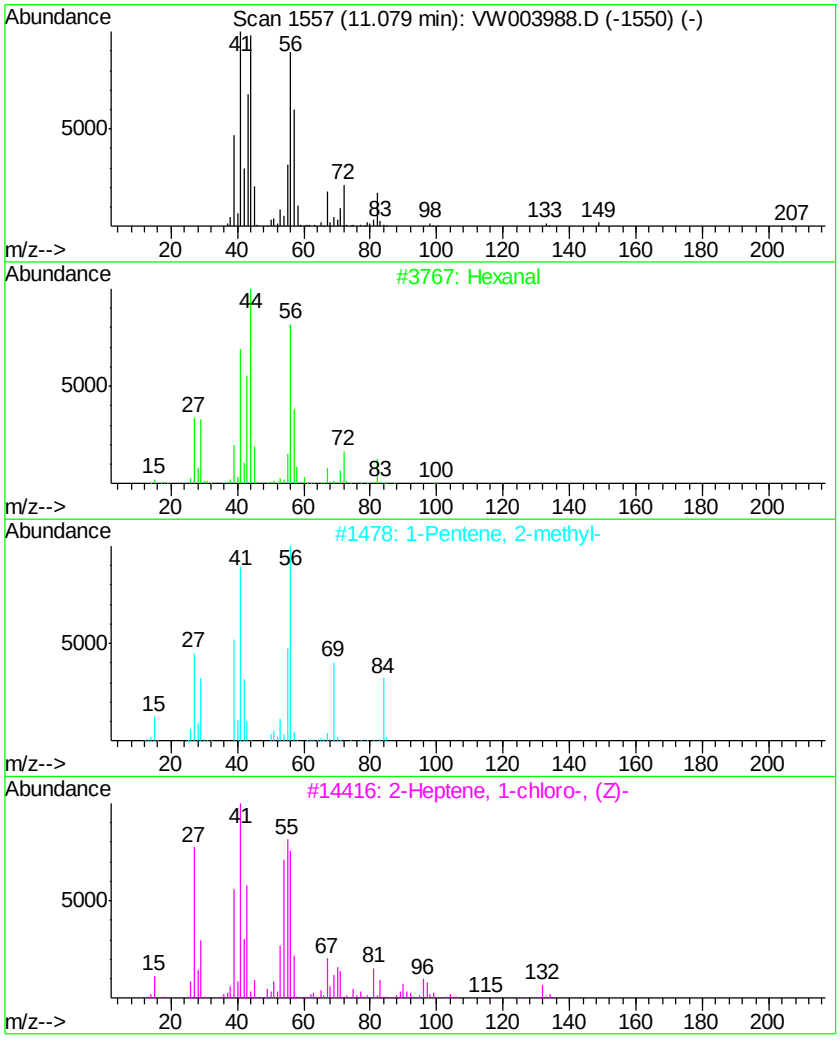
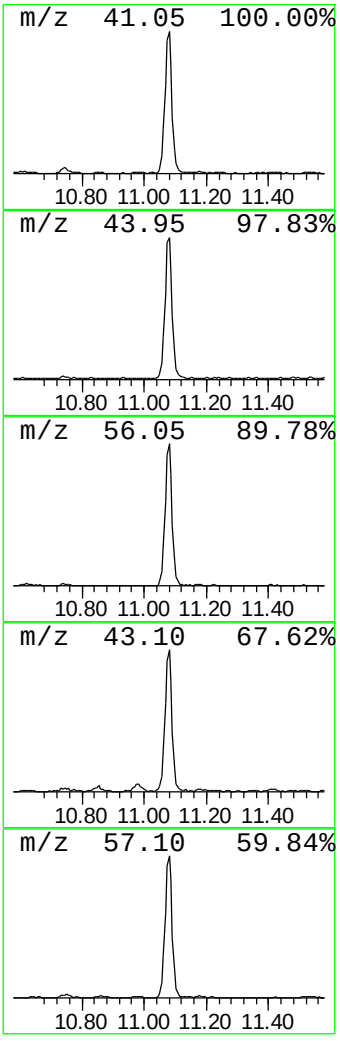
Peak Number 2 Hexanal Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.08	24.18 ug/l	253931	Chlorobenzene-d5	11.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	74
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	35
3	2-Heptene, 1-chloro-, (Z)-	132	C7H13Cl	055638-53-4	32
4	Glutaraldehyde	100	C5H8O2	000111-30-8	27
5	Cyclopentanol, 2-methyl-, cis-	100	C6H12O	025144-05-2	27





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ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : AU-05-071318-A

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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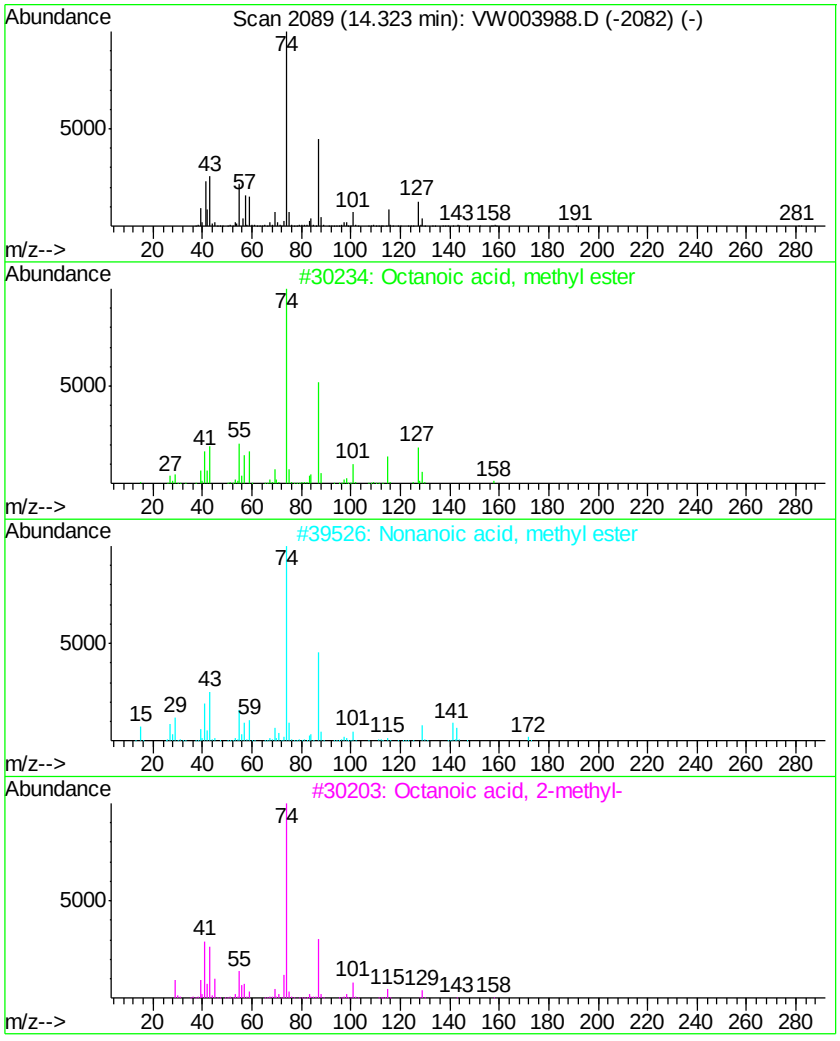
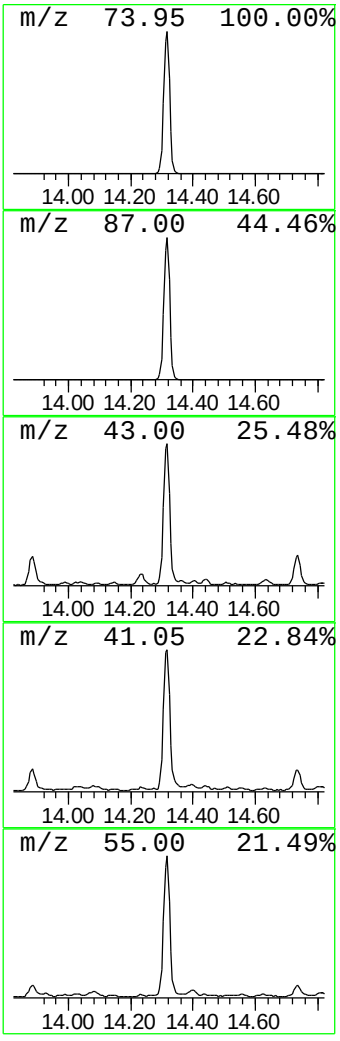
Peak Number 3 Octanoic acid, methyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.32	174.67 ug/l	1549630	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanoic acid, methyl ester	158	C9H18O2	000111-11-5	95
2	Nonanoic acid, methyl ester	172	C10H20O2	001731-84-6	78
3	Octanoic acid, 2-methyl-	158	C9H18O2	003004-93-1	72
4	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	72
5	Hexanoic acid, 2-methyl-	130	C7H14O2	004536-23-6	64





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ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : AU-05-071318-A

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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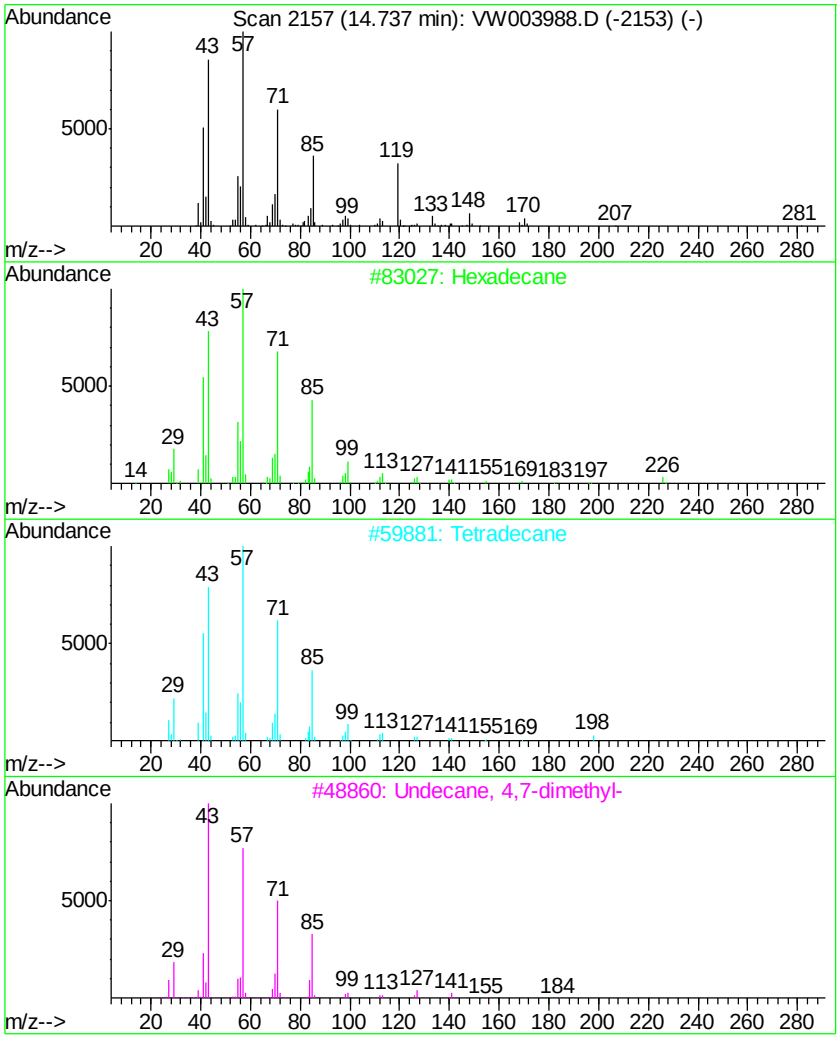
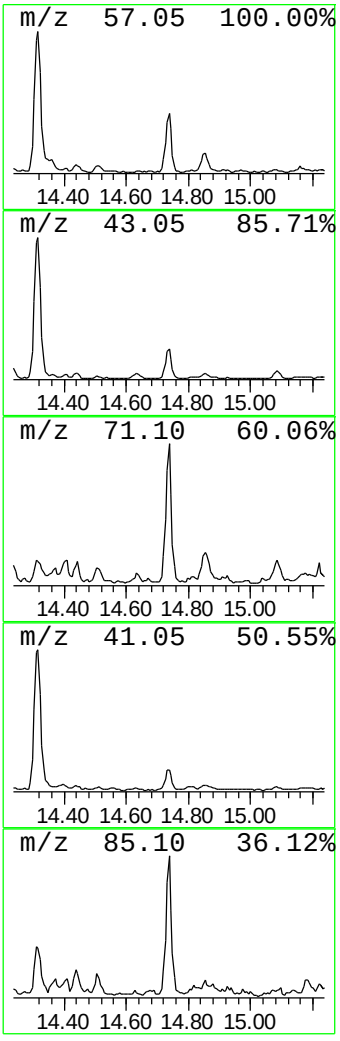
Peak Number 4 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.74	19.57 ug/l	173658	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	58
2	Tetradecane	198	C14H30	000629-59-4	58
3	Undecane, 4,7-dimethyl-	184	C13H28	017301-32-5	50
4	Undecane, 5-methyl-	170	C12H26	001632-70-8	50
5	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	49





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ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : AU-05-071318-A

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
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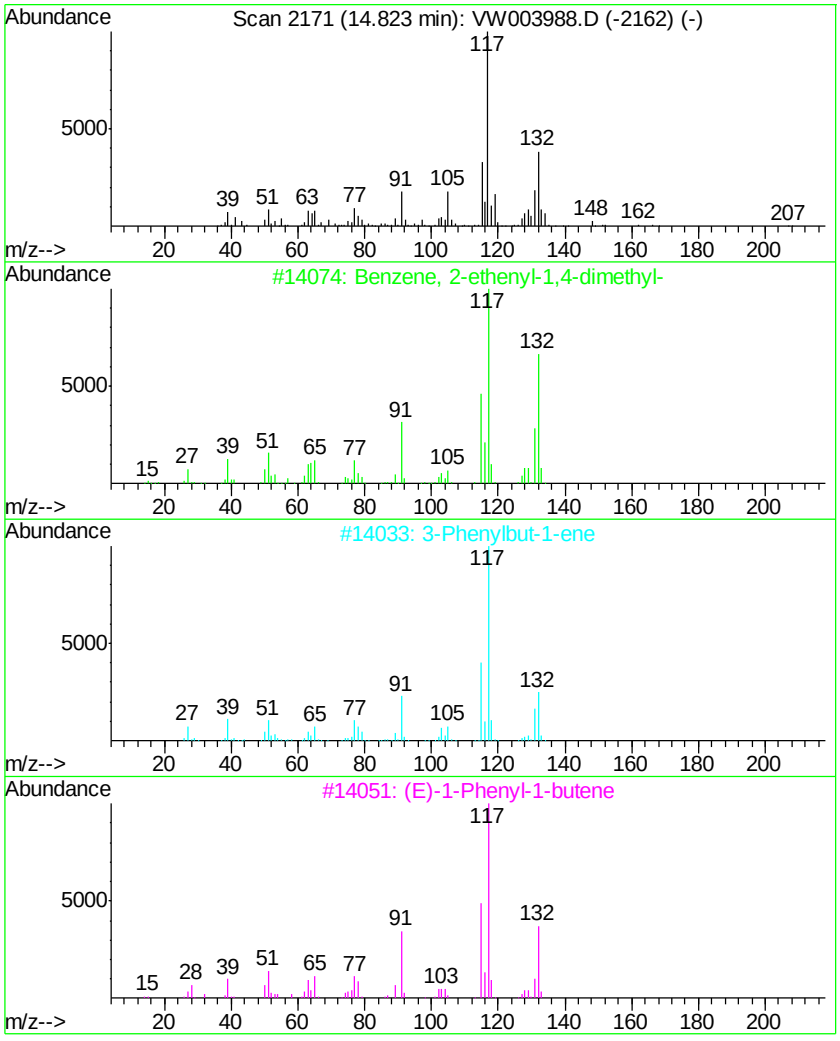
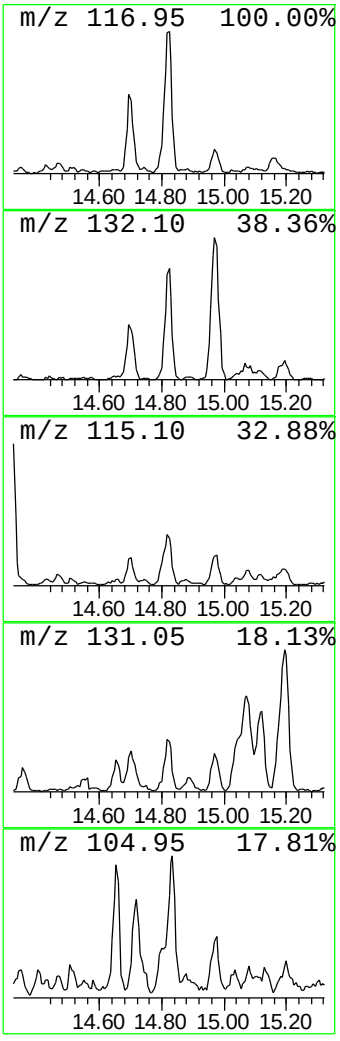
Peak Number 5 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	26.60 ug/l	236011	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	86
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
3	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	64
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	62
5	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	60





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Instrument : MSVOA_W
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
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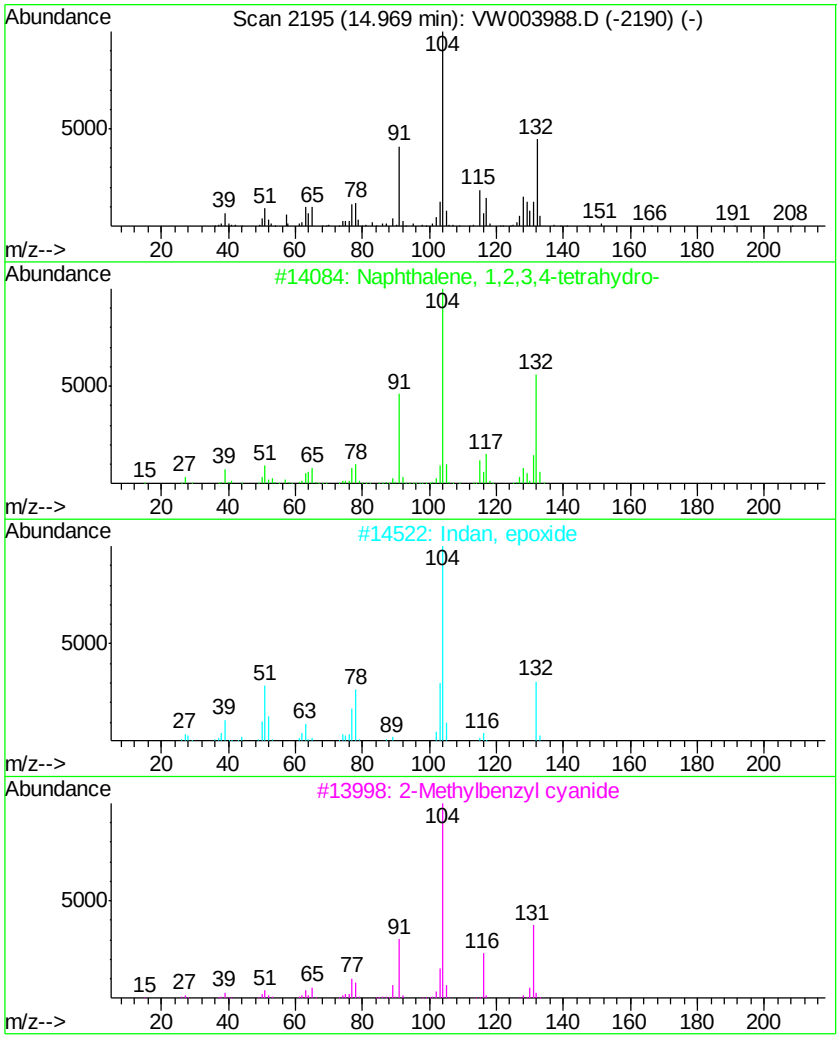
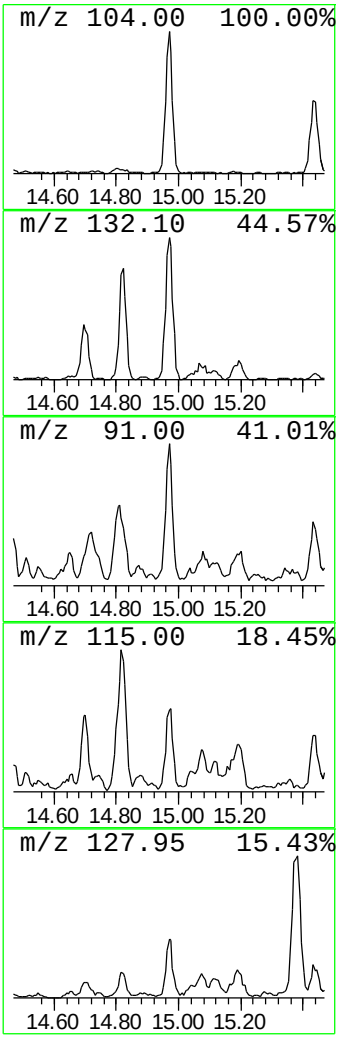
Peak Number 6 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.97	15.08 ug/l	133748	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
2	Indan, epoxide	132	C9H8O	000768-22-9	64
3	2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	46
4	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	43
5	Isoquinoline, 1,2,3,4-tetrahydro-	133	C9H11N	000091-21-4	38





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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
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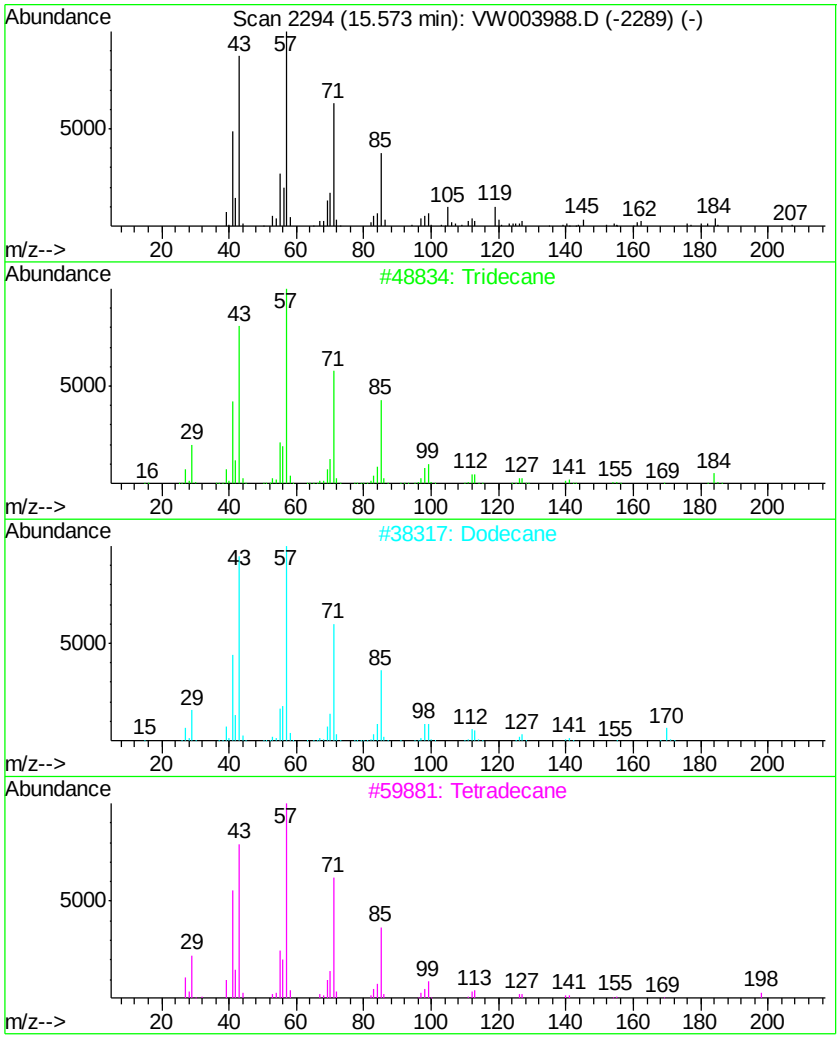
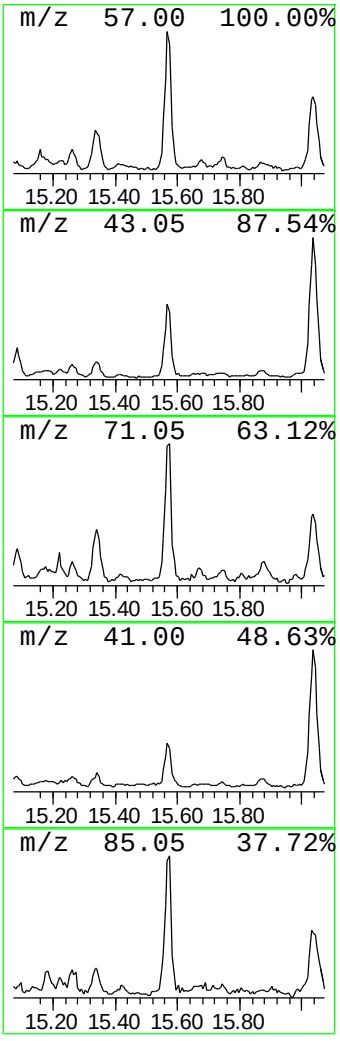
Peak Number 7 Tridecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.57	16.52 ug/l	146589	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	95
2	Dodecane	170	C12H26	000112-40-3	80
3	Tetradecane	198	C14H30	000629-59-4	80
4	Undecane	156	C11H24	001120-21-4	72
5	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	59





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ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : AU-05-071318-A

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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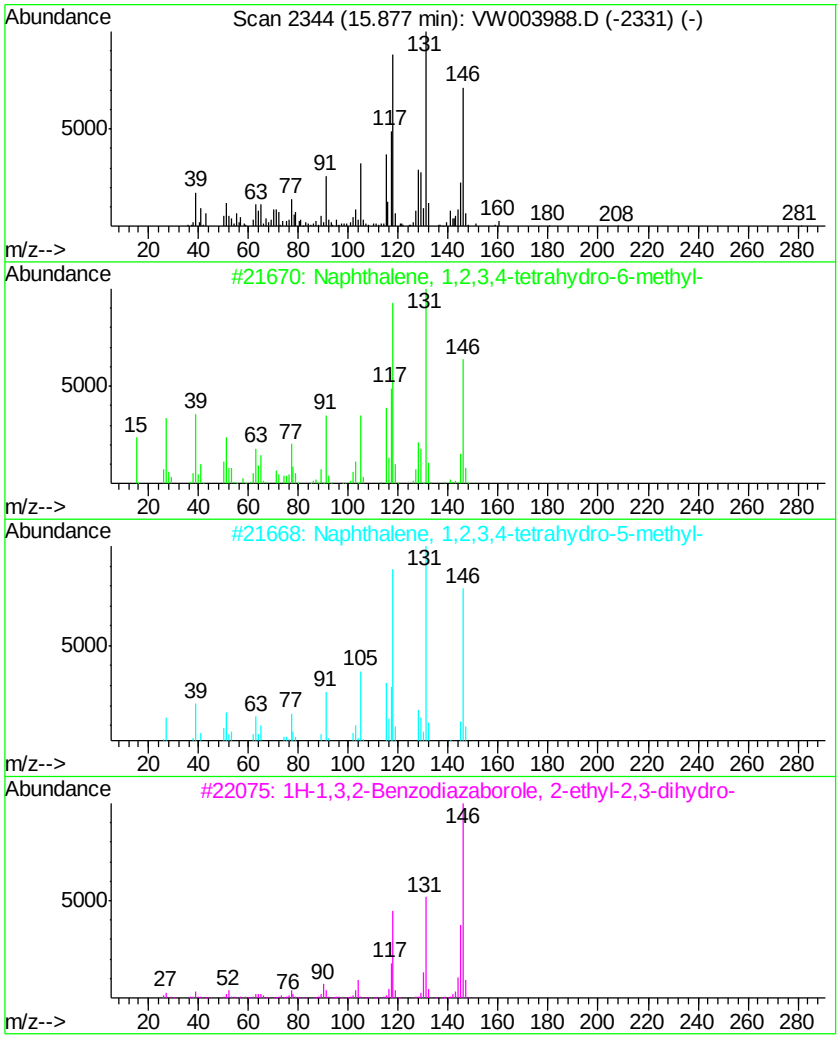
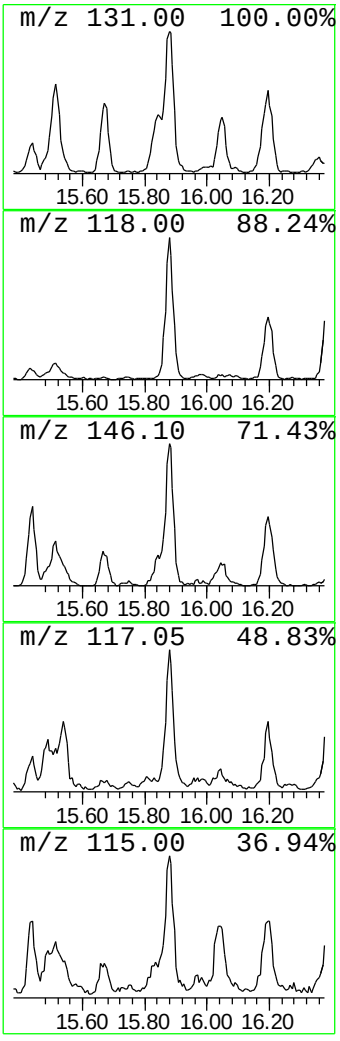
Peak Number 8 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.88	25.11 ug/l	222777	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	94
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	93
3	1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	76
4	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	58
5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	55





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Acq On : 17 Jul 2018 16:36
Operator : VA/AP
Sample : J3819-01
Misc : 5.86G/5ML/MSVOA W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : AU-05-071318-A

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
Quant Title : SW846 8260

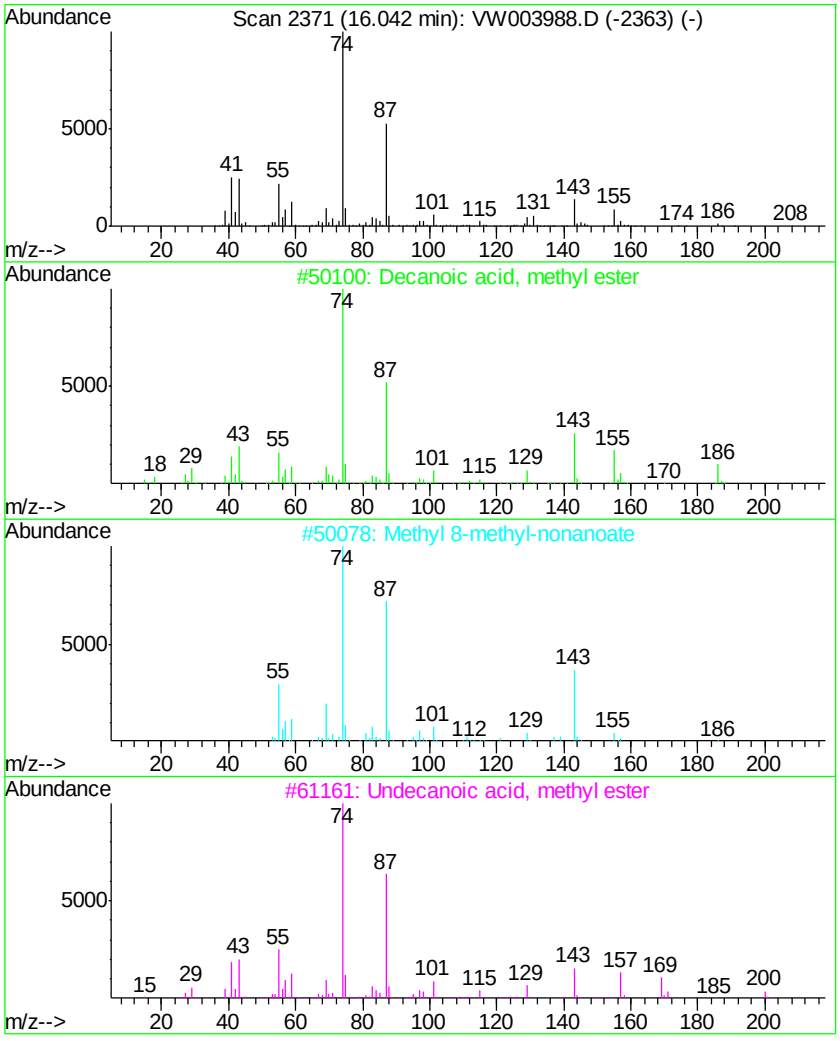
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

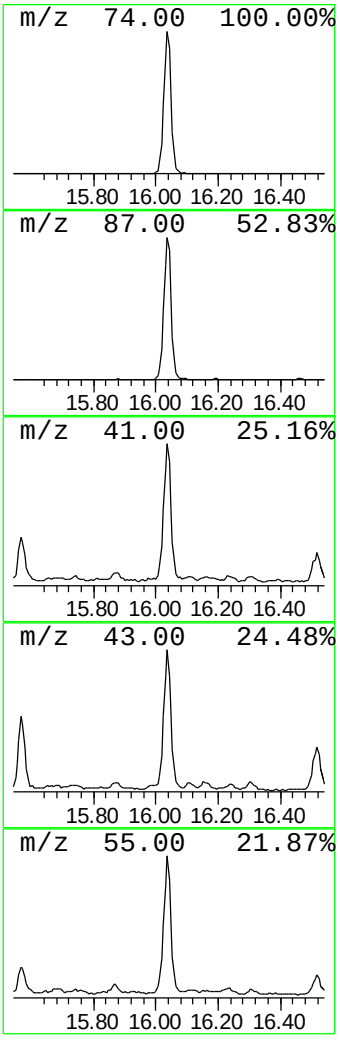
****

Peak Number 9 Decanoic acid, methyl ester Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.04	66.42 ug/l	589237	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	95
2	Methyl 8-methyl-nonanoate	186	C11H22O2	1000336-43-6	87
3	Undecanoic acid, methyl ester	200	C12H24O2	001731-86-8	86
4	Nonanoic acid, methyl ester	172	C10H20O2	001731-84-6	86
5	Undecanoic acid, 2-methyl-	200	C12H24O2	024323-25-9	72





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071718\
Data File : VW003988.D
Acq On : 17 Jul 2018 16:36
Operator : VA/AP
Sample : J3819-01
Misc : 5.86G/5ML/MSVOA W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : AU-05-071318-A

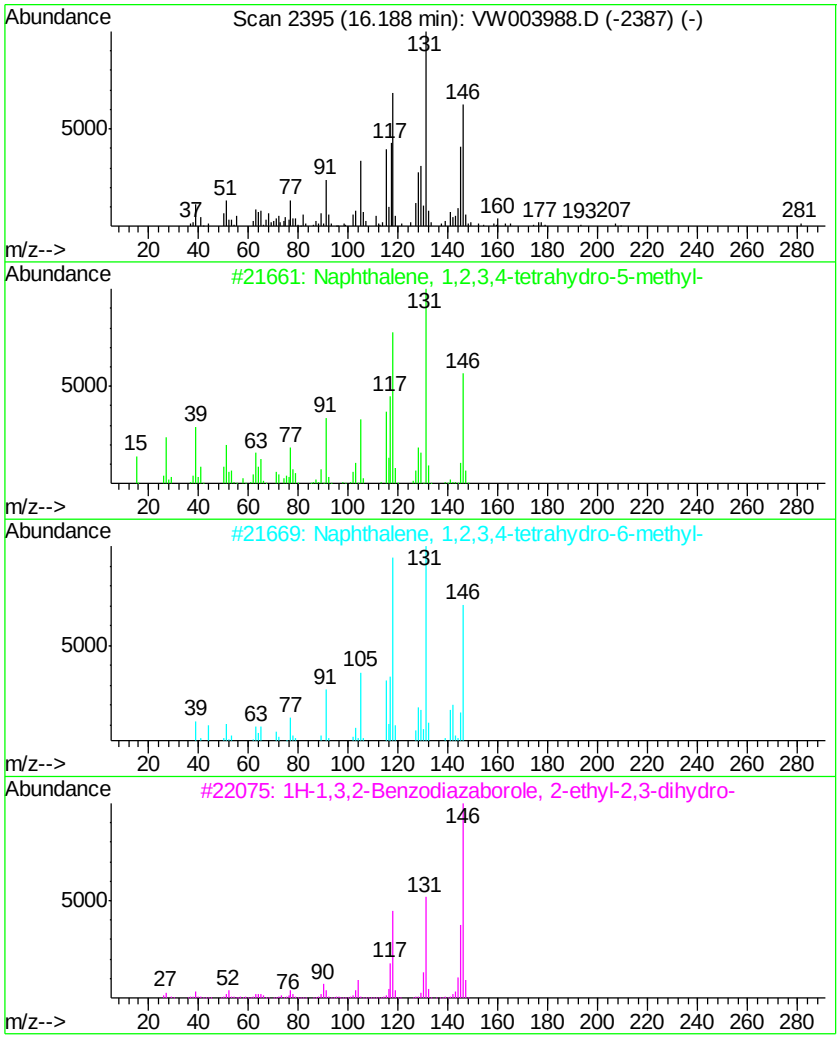
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
Quant Title : SW846 8260

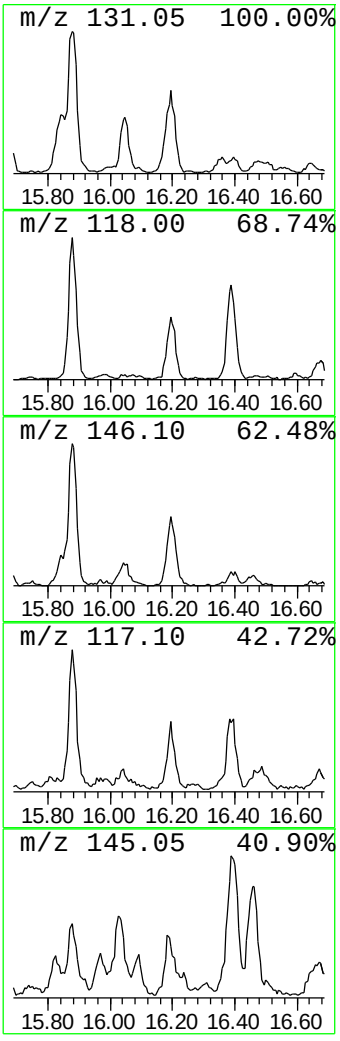
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.19	12.08 ug/l	107189	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	90
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	81
3	1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	70
4	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	56
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	022250-74-4	55





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071718\
Data File : VW003988.D
Acq On : 17 Jul 2018 16:36
Operator : VA/AP
Sample : J3819-01
Misc : 5.86G/5ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : AU-05-071318-A

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Hexanal	11.08	24.2	ug/l	253931	3	11.64	525055	50.0
Octanoic acid, me...	14.32	174.7	ug/l	1549630	4	13.57	443578	50.0
Hexadecane	14.74	19.6	ug/l	173658	4	13.57	443578	50.0
Benzene, 2-etheny...	14.82	26.6	ug/l	236011	4	13.57	443578	50.0
Naphthalene, 1,2,...	14.97	15.1	ug/l	133748	4	13.57	443578	50.0
Tridecane	15.57	16.5	ug/l	146589	4	13.57	443578	50.0
Naphthalene, 1,2,...	15.88	25.1	ug/l	222777	4	13.57	443578	50.0
Decanoic acid, me...	16.04	66.4	ug/l	589237	4	13.57	443578	50.0
Naphthalene, 1,2,...	16.19	12.1	ug/l	107189	4	13.57	443578	50.0