

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW050818\
 Data File : VW002319.D
 Acq On : 09 May 2018 03:20
 Operator : JC/SY
 Sample : J2680-07
 Misc : 5.85G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PL-02-050418-D

Integration Parameters: RTEINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : W:\HPCHEM1\MSVOA_W\METHOD\82W050818S.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	52	rVB	1025304	2254723	100.00%	23.544%
2	7.153	902	913	924	rBV	8652	27171	1.21%	0.284%
3	7.885	1022	1033	1038	rBV	116237	286599	12.71%	2.993%
4	7.946	1038	1043	1056	rVB	220241	482640	21.41%	5.040%
5	8.305	1094	1102	1114	rVB2	111957	250449	11.11%	2.615%
6	8.842	1181	1190	1200	rBV	320605	637711	28.28%	6.659%
7	10.329	1427	1434	1441	rBV	317215	551467	24.46%	5.758%
8	11.640	1641	1649	1658	rBV	356583	595091	26.39%	6.214%
9	12.628	1804	1811	1821	rVB	234664	383325	17.00%	4.003%
10	12.945	1860	1863	1871	rVB4	12625	22945	1.02%	0.240%
11	13.573	1959	1966	1974	rVB	254440	433228	19.21%	4.524%
12	13.804	2000	2004	2013	rVB3	16896	37875	1.68%	0.395%
13	13.890	2013	2018	2022	rBV2	39471	58858	2.61%	0.615%
14	14.054	2037	2045	2048	rBV3	10807	25652	1.14%	0.268%
15	14.109	2048	2054	2059	rVB5	21487	52876	2.35%	0.552%
16	14.219	2066	2072	2077	rBV2	28447	49087	2.18%	0.513%
17	14.347	2088	2093	2098	rVV7	18093	43209	1.92%	0.451%
18	14.402	2098	2102	2105	rVV5	21776	38377	1.70%	0.401%
19	14.438	2105	2108	2111	rVV3	22577	37940	1.68%	0.396%
20	14.518	2117	2121	2124	rBV3	27740	40192	1.78%	0.420%
21	14.554	2124	2127	2134	rVB5	14968	27102	1.20%	0.283%
22	14.658	2140	2144	2148	rVB2	16209	23413	1.04%	0.244%
23	14.743	2148	2158	2163	rBV5	97217	179824	7.98%	1.878%
24	14.816	2163	2170	2174	rBV5	56713	143734	6.37%	1.501%
25	14.859	2174	2177	2185	rVB5	34242	74573	3.31%	0.779%
26	14.975	2192	2196	2202	rVB2	29734	49281	2.19%	0.515%
27	15.085	2209	2214	2218	rBV2	37872	66793	2.96%	0.697%
28	15.194	2225	2232	2241	rBV4	43540	127131	5.64%	1.327%
29	15.268	2241	2244	2251	rVB6	39058	70490	3.13%	0.736%
30	15.347	2251	2257	2262	rBV2	77188	151983	6.74%	1.587%
31	15.438	2267	2272	2276	rBV	43716	78298	3.47%	0.818%
32	15.493	2276	2281	2283	rBV4	35137	55090	2.44%	0.575%
33	15.572	2290	2294	2303	rVB	205070	354810	15.74%	3.705%
34	15.676	2303	2311	2318	rBV5	67064	186472	8.27%	1.947%

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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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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35	15.749	2320	2323	2328	rVB4	32877	55313	2.45%	0.578%
36	15.841	2333	2338	2341	rVV5	40629	91091	4.04%	0.951%
37	15.883	2341	2345	2353	rVB2	89341	173134	7.68%	1.808%
38	16.036	2365	2370	2379	rBV7	48540	153275	6.80%	1.600%
39	16.194	2387	2396	2401	rBV6	78054	234935	10.42%	2.453%
40	16.249	2401	2405	2410	rVB5	49986	96921	4.30%	1.012%
41	16.310	2411	2415	2421	rVB2	68099	110697	4.91%	1.156%
42	16.395	2423	2429	2435	rBV3	103732	215226	9.55%	2.247%
43	16.456	2436	2439	2443	rBV4	27059	45310	2.01%	0.473%
44	16.523	2444	2450	2455	rVV	237972	416040	18.45%	4.344%
45	16.651	2465	2471	2474	rBV5	34335	86426	3.83%	0.902%

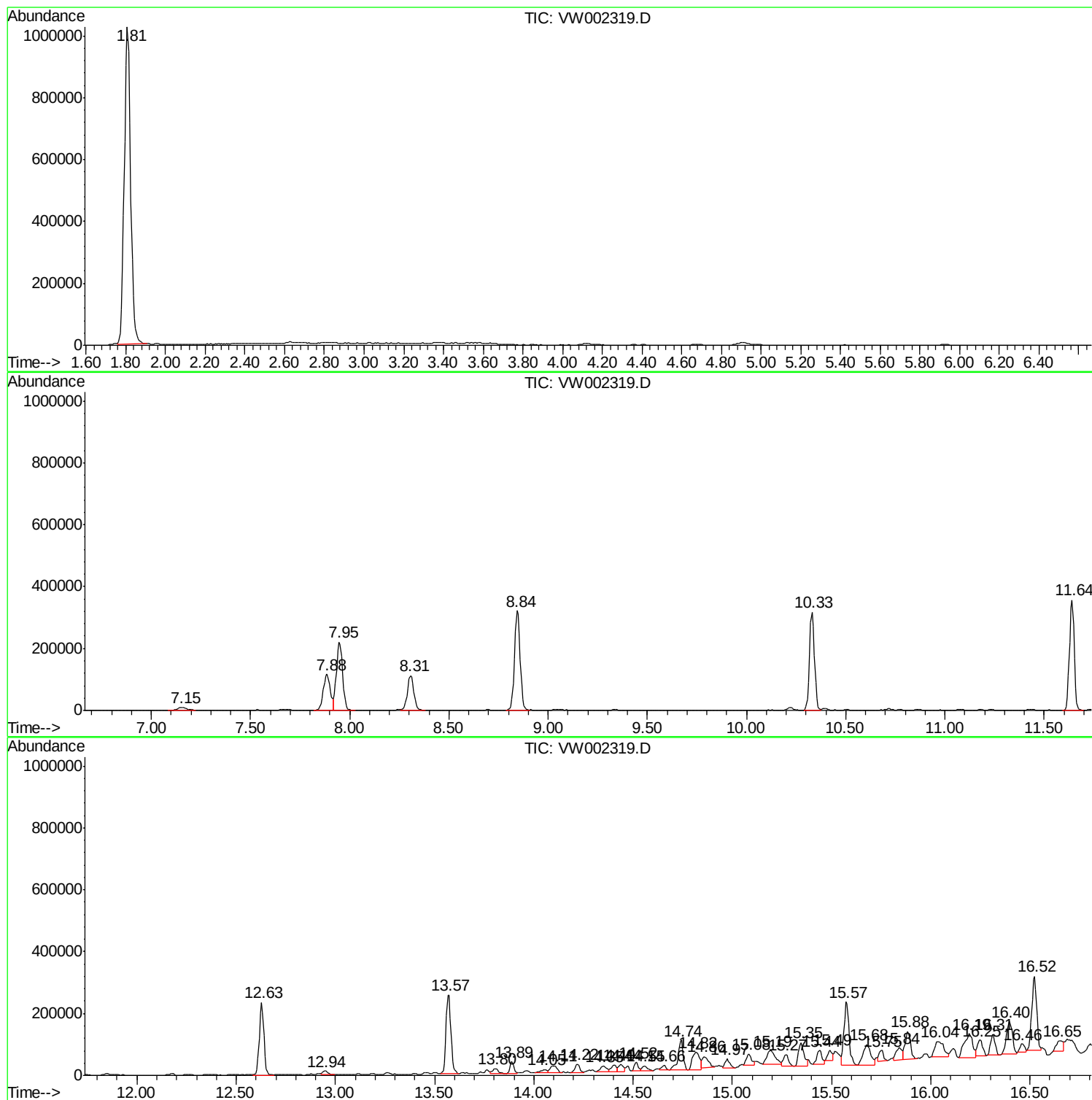
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Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W050818S.M
Quant Title : SW846 8260

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



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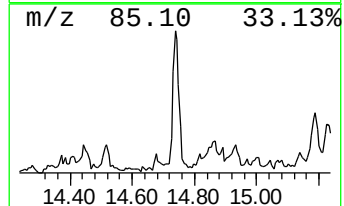
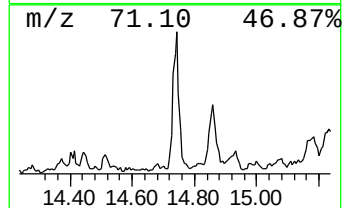
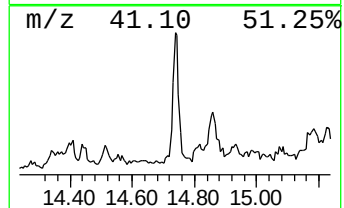
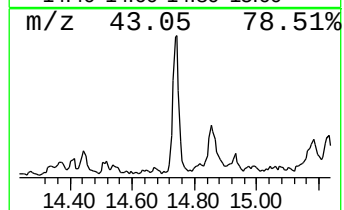
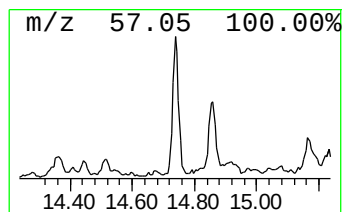
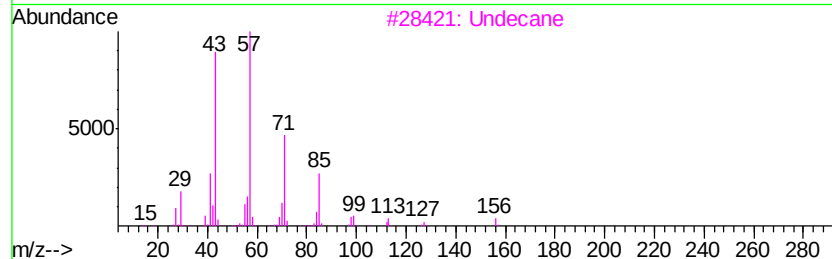
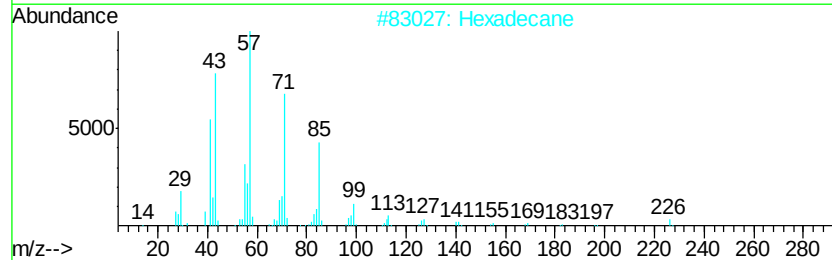
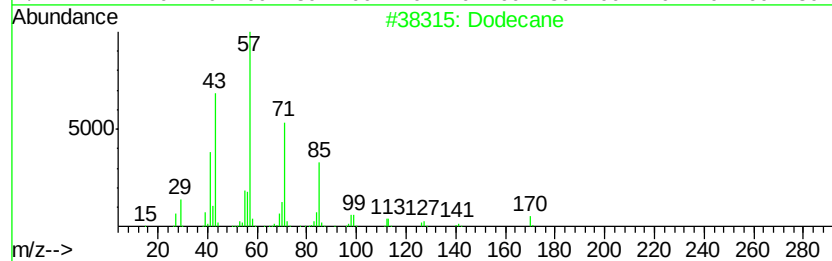
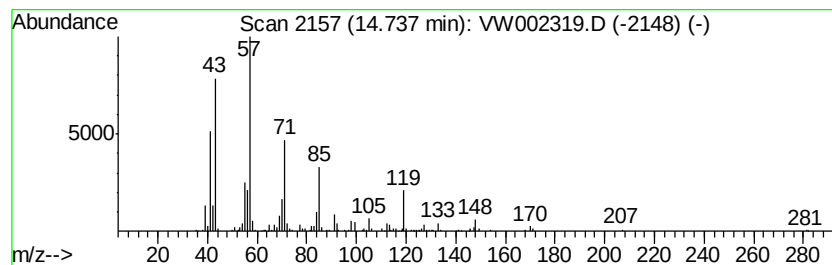
Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W050818S.M
 Quant Title : SW846 8260

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

 Peak Number 2 Dodecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.74	20.75 ug/l	179824	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane	170	C12H26	000112-40-3	95
2		Hexadecane	226	C16H34	000544-76-3	62
3		Undecane	156	C11H24	001120-21-4	58
4		Tetradecane	198	C14H30	000629-59-4	58
5		Tridecane	184	C13H28	000629-50-5	58



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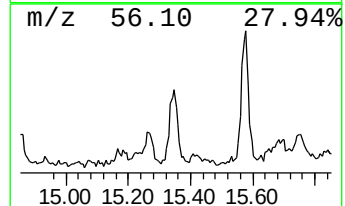
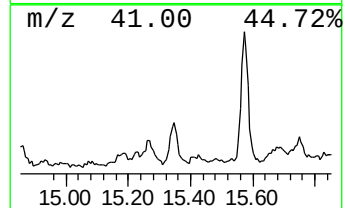
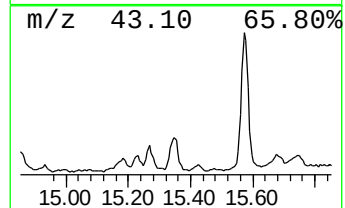
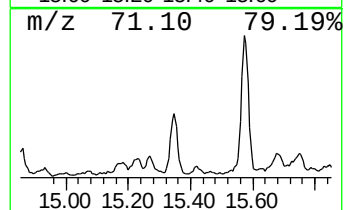
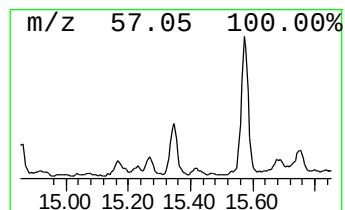
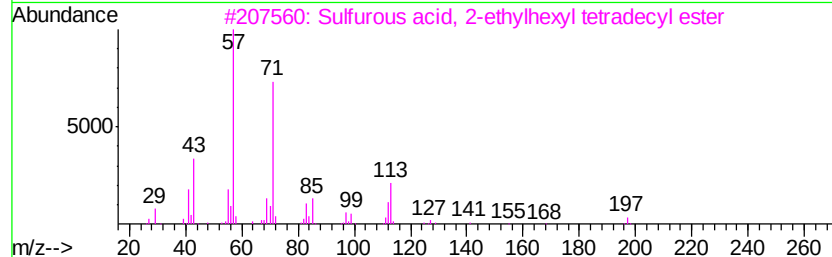
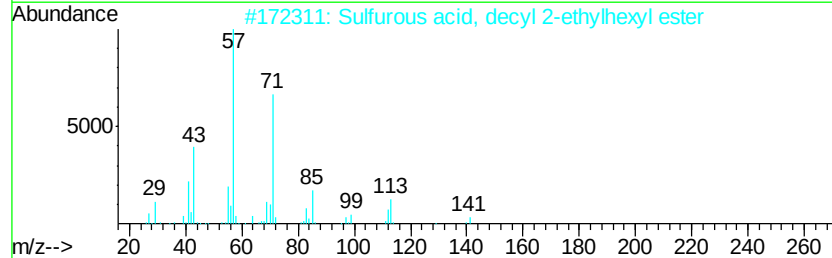
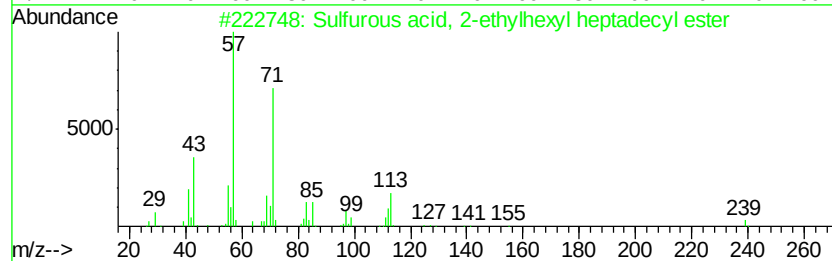
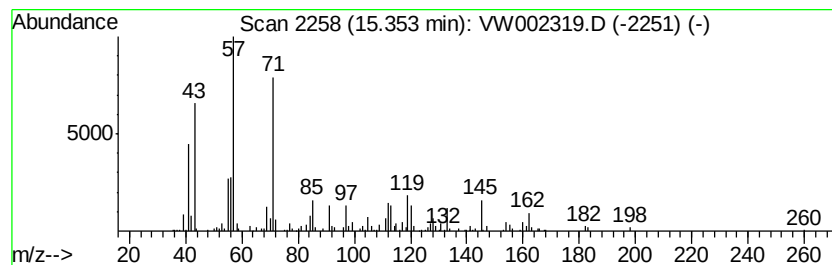
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Peak Number 3 Sulfurous acid, 2-ethylhexy... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.35	17.54 ug/l	151983	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	53
2		Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	52
3		Sulfurous acid, 2-ethylhexyl tet...	390	C22H46O3S	1000309-19-7	50
4		Undecane, 6-ethyl-	184	C13H28	017312-60-6	50
5		Sulfurous acid, butyl 2-ethylhex...	250	C12H26O3S	1000309-18-8	47



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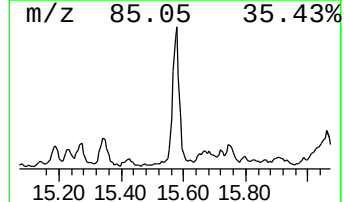
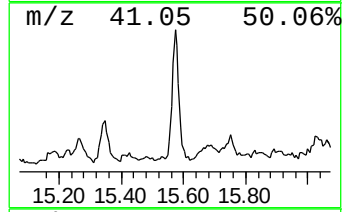
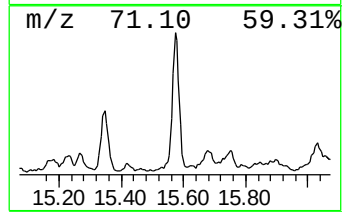
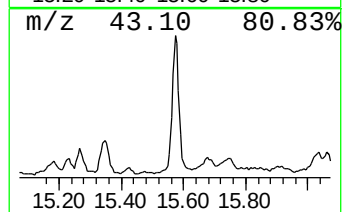
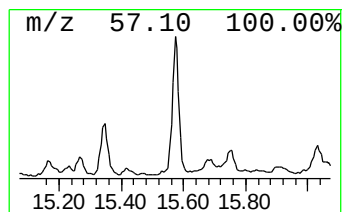
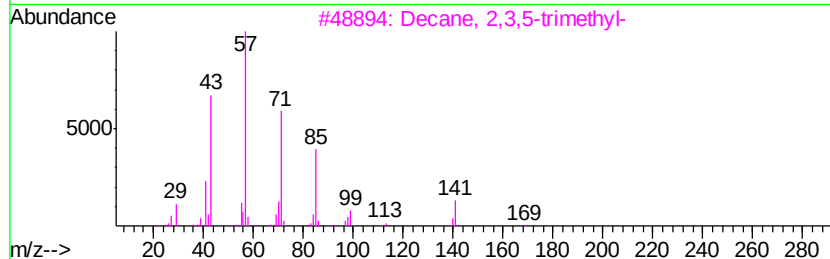
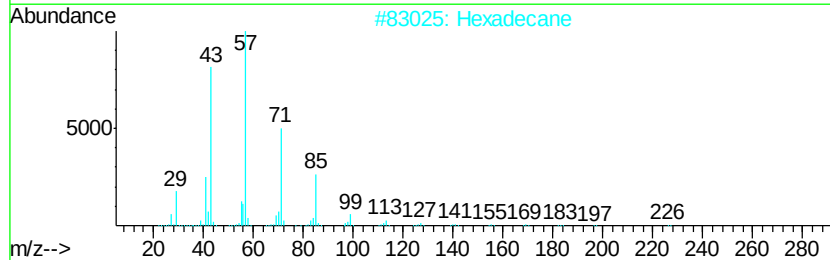
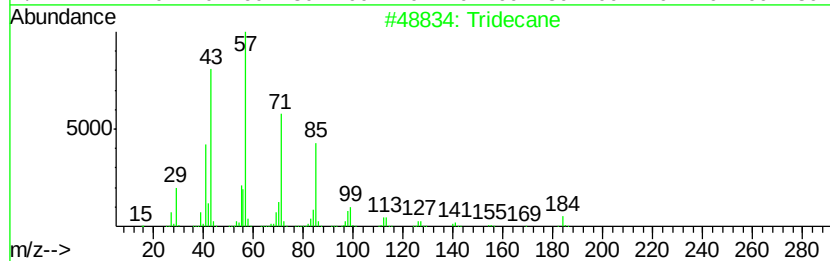
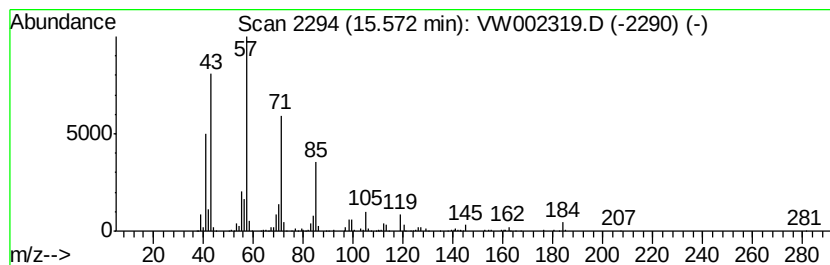
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 Tridecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.57	40.95 ug/l	354810	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	91
2		Hexadecane	226	C16H34	000544-76-3	74
3		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	72
4		Dodecane	170	C12H26	000112-40-3	72
5		Tetradecane	198	C14H30	000629-59-4	72



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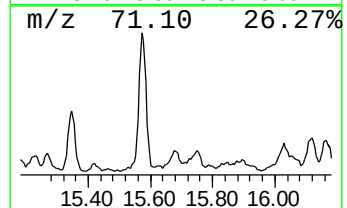
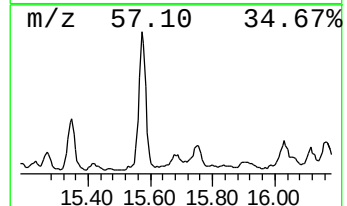
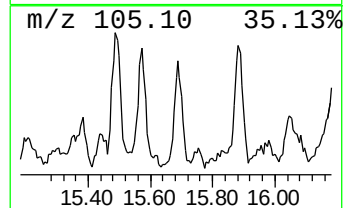
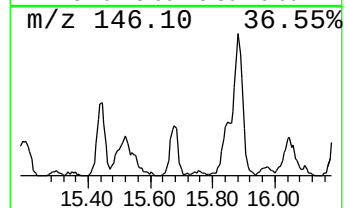
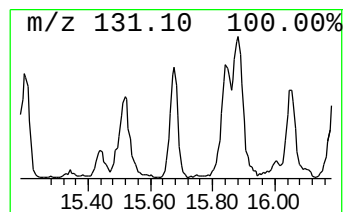
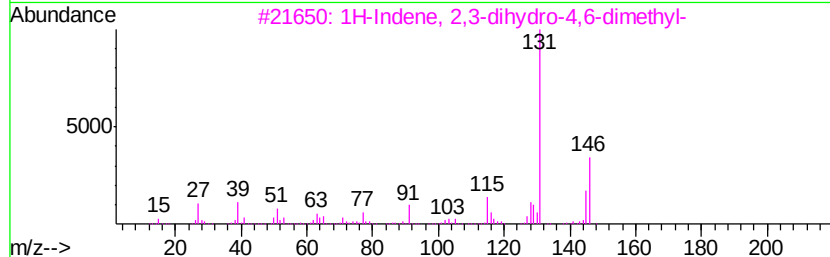
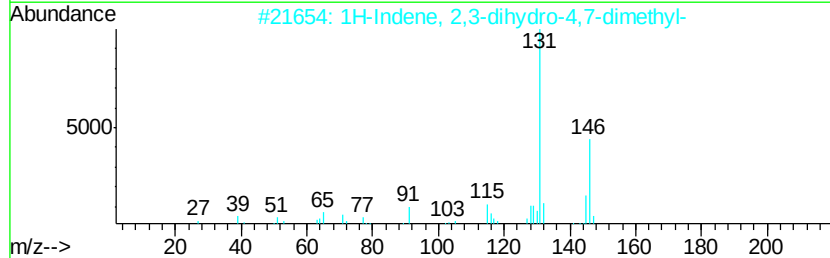
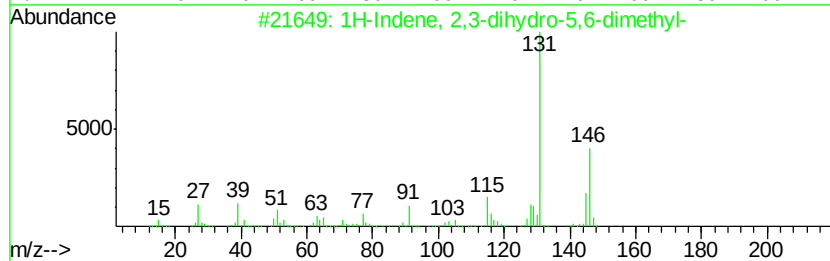
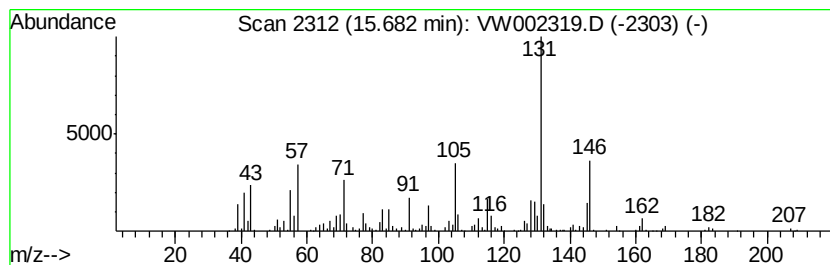
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Peak Number 5 1H-Indene, 2,3-dihydro-5,6-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.68	21.52 ug/l	186472	1,4-Dichlorobenzene-d4	13.57

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14		001075-22-5	95
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14		006682-71-9	95
3	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14		001685-82-1	93
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14		017057-82-8	87
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14		004489-84-3	81



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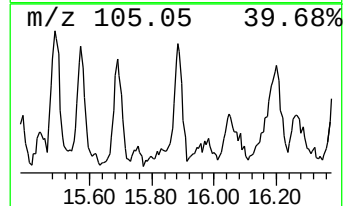
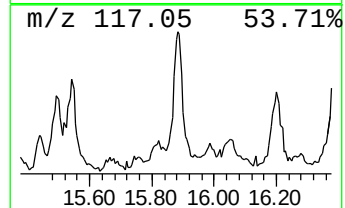
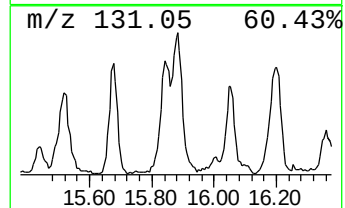
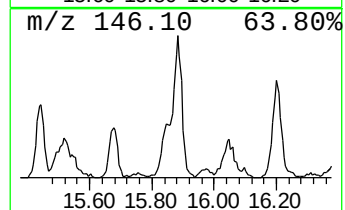
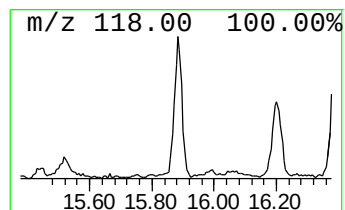
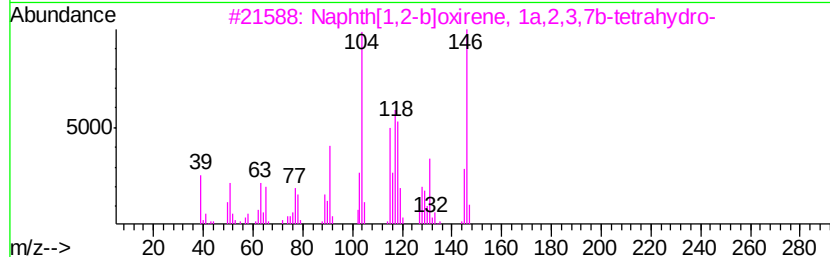
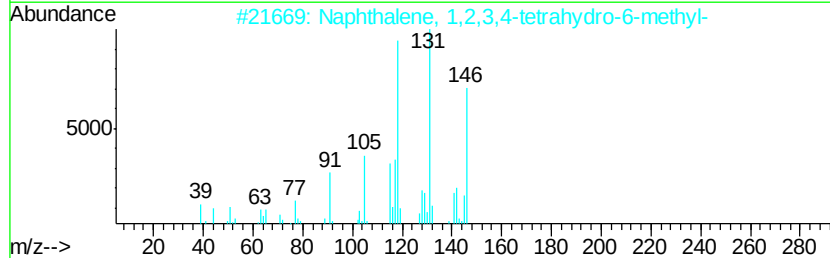
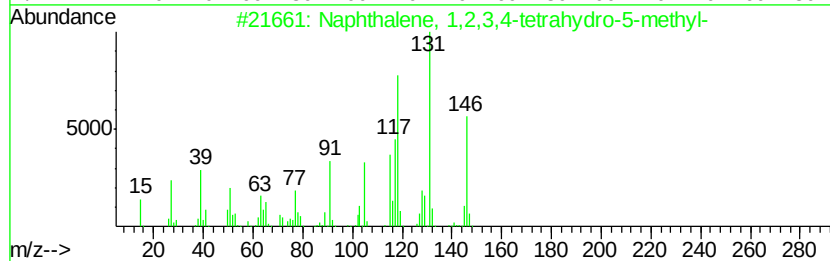
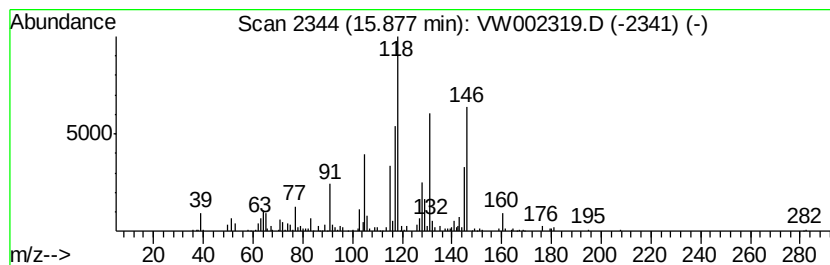
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Quant Title : SW846 8260

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

Peak Number 6 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.88	19.98 ug/l	173134	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	64
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	58
3		Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	53
4		Benzene, (1-methylenebutyl)-	146	C11H14	005676-32-4	53
5		5H-Benzocycloheptene,6,7,8,9-tet...	146	C11H14	001075-16-7	43



Data Path : W:\HPCHEM1\MSVOA W\DATA\VW050818\
Data File : VW002319.D
Acq On : 09 May 2018 03:20
Operator : JC/SY
Sample : J2680-07
Misc : 5.85G/5ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
PL-02-050418-D

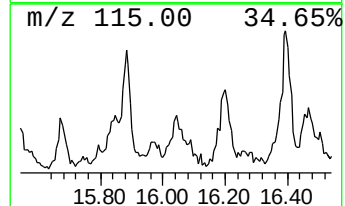
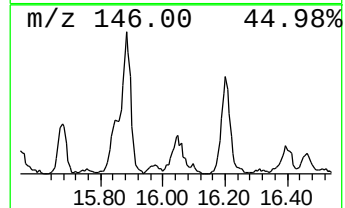
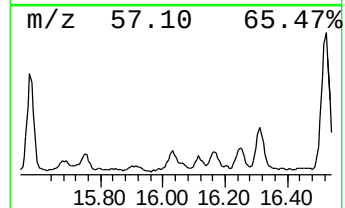
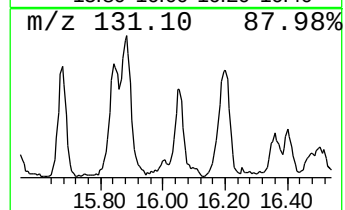
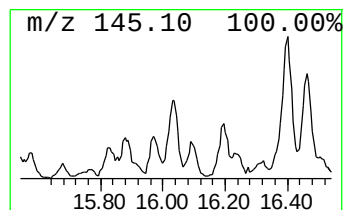
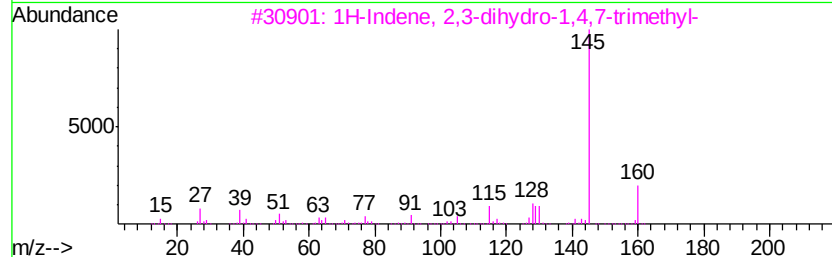
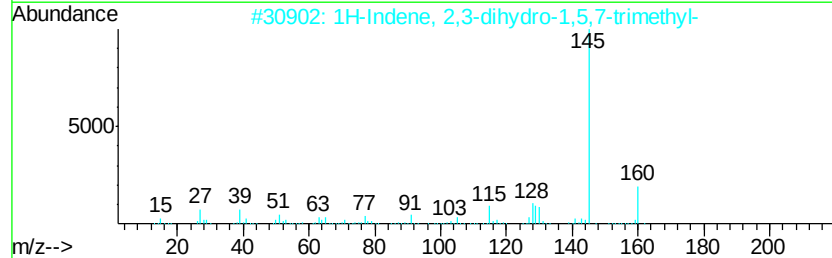
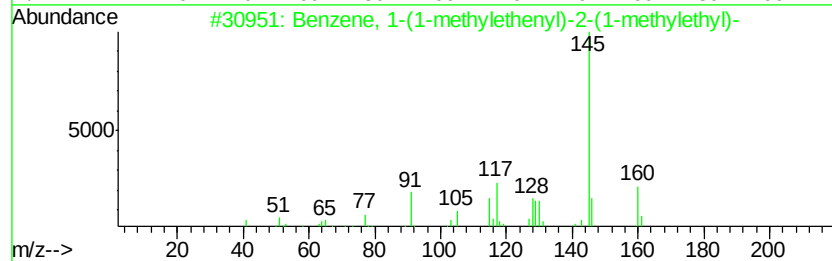
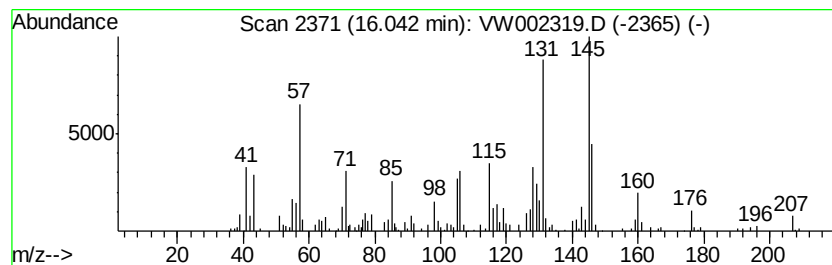
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Quant Title : SW846 8260

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

Peak Number 7 Benzene, 1-(1-methylethenyl)... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.04	17.69 ug/l	153275	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	91
2		1H-Indene, 2,3-dihydro-1,5,7-tri...	160	C12H16	054340-88-4	76
3		1H-Indene, 2,3-dihydro-1,4,7-tri...	160	C12H16	054340-87-3	70
4		1-Naphthalenemethanol, 1,2,3,4-t...	176	C12H16O	036052-28-5	62
5		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	59



Data Path : W:\HPCHEM1\MSVOA W\DATA\VW050818\
Data File : VW002319.D
Acq On : 09 May 2018 03:20
Operator : JC/SY
Sample : J2680-07
Misc : 5.85G/5ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

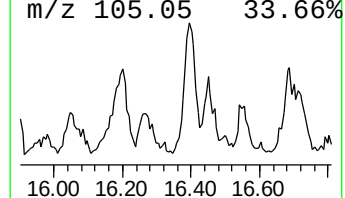
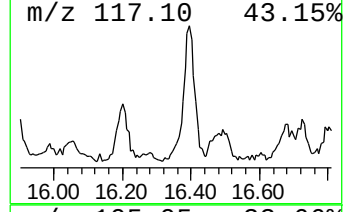
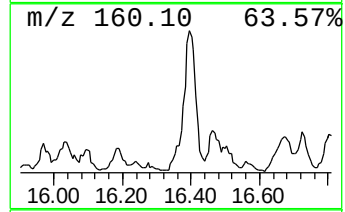
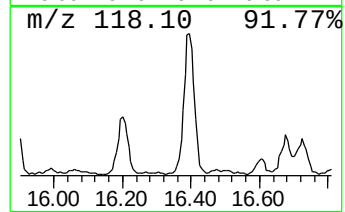
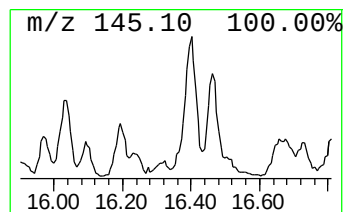
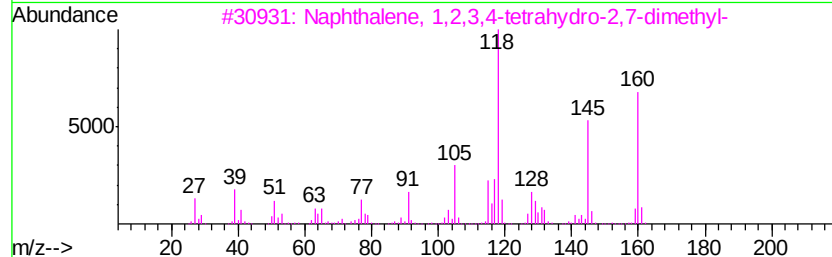
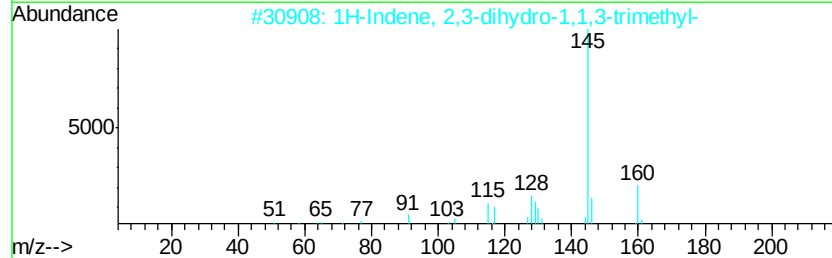
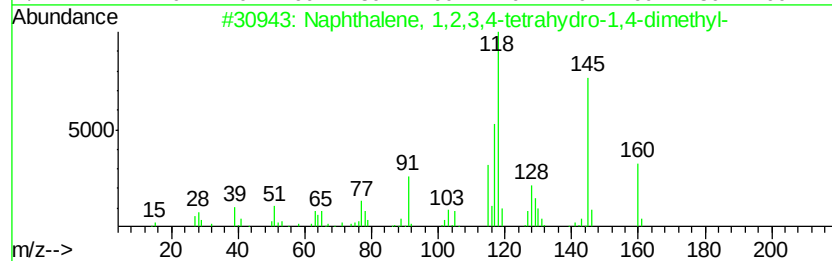
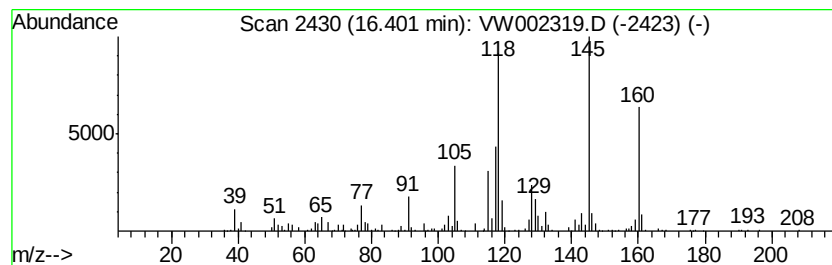
Instrument :
MSVOA_W
ClientSampleId :
PL-02-050418-D

Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W050818S.M
Quant Title : SW846 8260

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

Peak Number 9 Naphthalene, 1,2,3,4-tetra... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.40	24.84 ug/l	215226	1,4-Dichlorobenzene-d4	13.57	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	97
2	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	89
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	87
4	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	70
5	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	60



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Sample : J2680-07
Misc : 5.85G/5ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
PL-02-050418-D

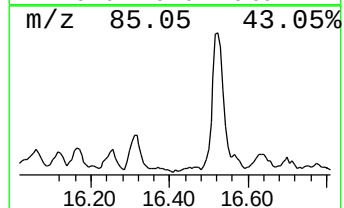
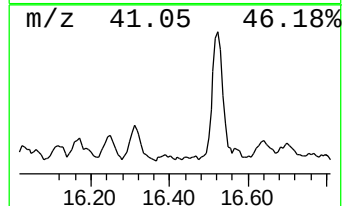
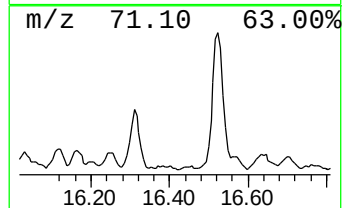
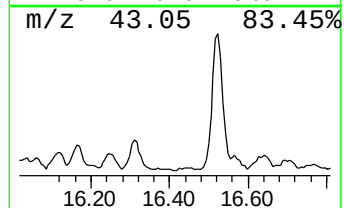
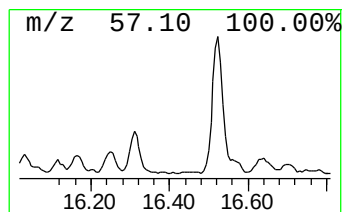
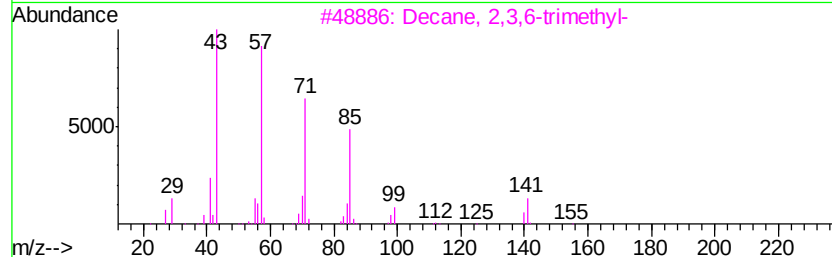
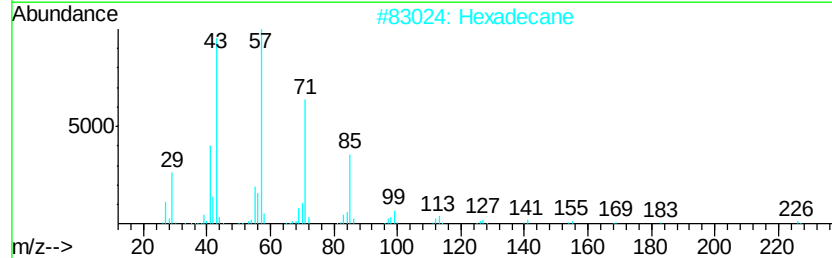
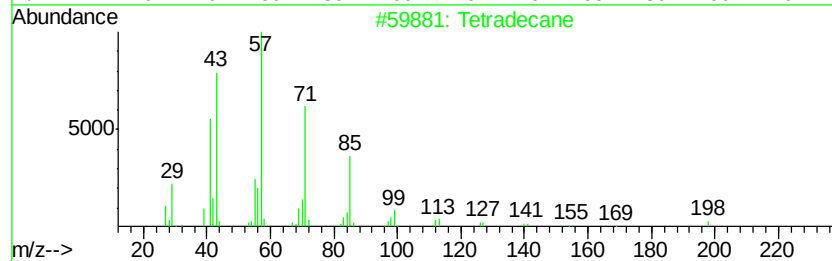
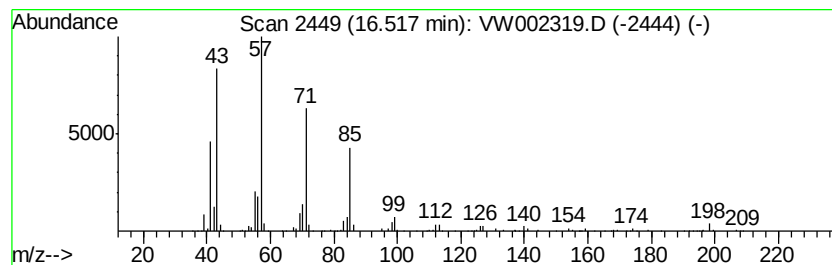
Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W050818S.M
Quant Title : SW846 8260

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

Peak Number 10 Tetradecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.52	48.02 ug/l	416040	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	98
2		Hexadecane	226	C16H34	000544-76-3	90
3		Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	86
4		Tridecane	184	C13H28	000629-50-5	86
5		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80



Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW050818\
Data File : VW002319.D
Acq On : 09 May 2018 03:20
Operator : JC/SY
Sample : J2680-07
Misc : 5.85G/5ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
PL-02-050418-D

Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W050818S.M
Quant Title : SW846 8260

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Dodecane	14.74	20.8	ug/l	179824	4	13.57	433228	50.0
Sulfurous acid, 2...	15.35	17.5	ug/l	151983	4	13.57	433228	50.0
Tridecane	15.57	41.0	ug/l	354810	4	13.57	433228	50.0
1H-Indene, 2,3-di...	15.68	21.5	ug/l	186472	4	13.57	433228	50.0
Naphthalene, 1,2,...	15.88	20.0	ug/l	173134	4	13.57	433228	50.0
Benzene, 1-(1-met...	16.04	17.7	ug/l	153275	4	13.57	433228	50.0
Naphthalene, 1,2,...	16.40	24.8	ug/l	215226	4	13.57	433228	50.0
Tetradecane	16.52	48.0	ug/l	416040	4	13.57	433228	50.0