LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092518\
Data File : VW005617.D
Acq On : 25 Sep 2018 17:53
Operator : VA/AP
Sample : J5066-07
Misc : 5.39G/5ML/MSVOA W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EP1-Q1-F3

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\82W092118S.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	2.818	146	150	158	rVB2	5111	11879	1.04%	0.110%
2	4.129	358	365	372	rBV2	4238	11928	1.04%	0.110%
3	4.915	482	494	515	rBV2	19201	67511	5.89%	0.623%
4	7.159	852	862	874	rBV2	11275	35938	3.14%	0.331%
5	7.543	916	925	935	rBV3	4331	12664	1.11%	0.117%
6	7.890	971	982	987	rBV	200592	482326	42.11%	4.448%
7	7.951	987	992	1005	rVB	348294	759991	66.35%	7.009%
8	8.311	1041	1051	1061	rBV	206842	451773	39.44%	4.167%
9	8.848	1129	1139	1148	rBV	510754	1012319	88.38%	9.337%
10	10.329	1372	1382	1390	rBV	657675	1145435	100.00%	10.564%
11	10.713	1440	1445	1453	rBV6	4619	11839	1.03%	0.109%
12	10.866	1464	1470	1476	rVB2	15725	28272	2.47%	0.261%
13	11.634	1589	1596	1606	rBV	620686	1095621	95.65%	10.105%
14	11.829	1623	1628	1633	rBV2	19782	37117	3.24%	0.342%
15	11.987	1648	1654	1660	rBV7	9154	29332	2.56%	0.271%
16	12.140	1671	1679	1686	rBV5	26327	68451	5.98%	0.631%
17	12.255	1692	1698	1703	rVB	38289	74351	6.49%	0.686%
18	12.365	1706	1716	1722	rBV2	59288	160528	14.01%	1.481%
19	12.451	1725	1730	1736	rBV5	27973	66459	5.80%	0.613%
20	12.621	1752	1758	1765	rBV	570033	938974	81.98%	8.660%
21	12.707	1765	1772	1776	rBV7	22740	64615	5.64%	0.596%
22	12.786	1781	1785	1791	rVB4	63003	119257	10.41%	1.100%
23	12.871	1791	1799	1801	rBV3	67411	155843	13.61%	1.437%
24	12.975	1805	1816	1823	rBV7	123659	428513	37.41%	3.952%
25	13.085	1829	1834	1839	rBV4	101284	164302	14.34%	1.515%
26	13.133	1839	1842	1844	rBV3	24844	34252	2.99%	0.316%
27	13.170	1844	1848	1852	rBV	170906	291867	25.48%	2.692%
28	13.268	1861	1864	1867	rBV2	56577	82751	7.22%	0.763%
29	13.304	1867	1870	1873	rVV3	51216	72586	6.34%	0.669%
30	13.389	1881	1884	1886	rBV4	29714	43912	3.83%	0.405%
31	13.420	1886	1889	1891	rVV2	59606	91550	7.99%	0.844%
32	13.450	1892	1894	1898	rVV3	77603	105965	9.25%	0.977%
33	13.493	1898	1901	1904	rVV3	51697	76332	6.66%	0.704%
34	13.566	1907	1913	1921	rVB	633147	1066983	93.15%	9.841%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092518\
Data File : VW005617.D
Acq On : 25 Sep 2018 17:53
Operator : VA/AP
Sample : J5066-07
Misc : 5.39G/5ML/MSVOA W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EP1-Q1-F3

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\82W092118S.M
Title : SW846 8260

35	13.828	1951	1956	1959	rBV3	85751	165431	14.44%	1.526%
36	13.883	1960	1965	1969	rVV5	139292	265050	23.14%	2.445%
37	13.993	1980	1983	1985	rBV4	45969	63345	5.53%	0.584%
38	14.103	1997	2001	2005	rBV2	86178	128466	11.22%	1.185%
39	14.200	2015	2017	2022	rVB4	76219	102213	8.92%	0.943%
40	14.273	2024	2029	2036	rVB7	70571	157227	13.73%	1.450%
41	14.340	2036	2040	2044	rBV5	34638	58673	5.12%	0.541%
42	14.395	2045	2049	2051	rBV2	99159	153455	13.40%	1.415%
43	14.529	2065	2071	2074	rBV2	64675	144563	12.62%	1.333%
44	14.804	2111	2116	2122	rBV3	60292	106344	9.28%	0.981%
45	14.968	2140	2143	2147	rBV3	25959	38065	3.32%	0.351%
46	15.017	2147	2151	2155	rVB	45442	72093	6.29%	0.665%
47	15.078	2157	2161	2166	rBV2	30369	57073	4.98%	0.526%
48	15.420	2213	2217	2224	rBV6	14787	29036	2.53%	0.268%

Sum of corrected areas: 10842470

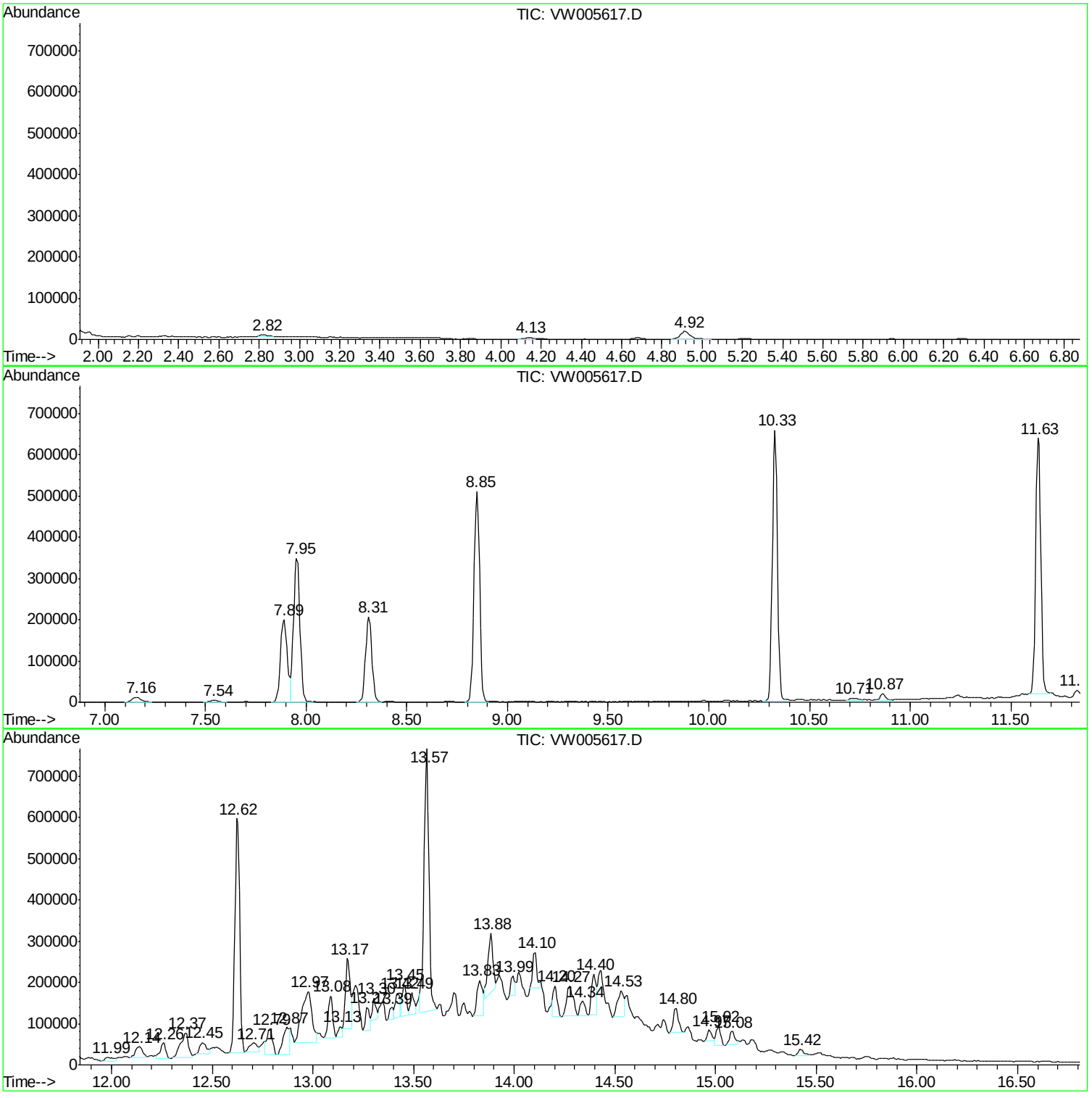
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092518\
Data File : VW005617.D
Acq On : 25 Sep 2018 17:53
Operator : VA/AP
Sample : J5066-07
Misc : 5.39G/5ML/MSVOA W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EP1-Q1-F3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
Quant Title : SW846 8260

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092518\
Data File : VW005617.D
Acq On : 25 Sep 2018 17:53
Operator : VA/AP
Sample : J5066-07
Misc : 5.39G/5ML/MSVOA W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EP1-Q1-F3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
Quant Title : SW846 8260

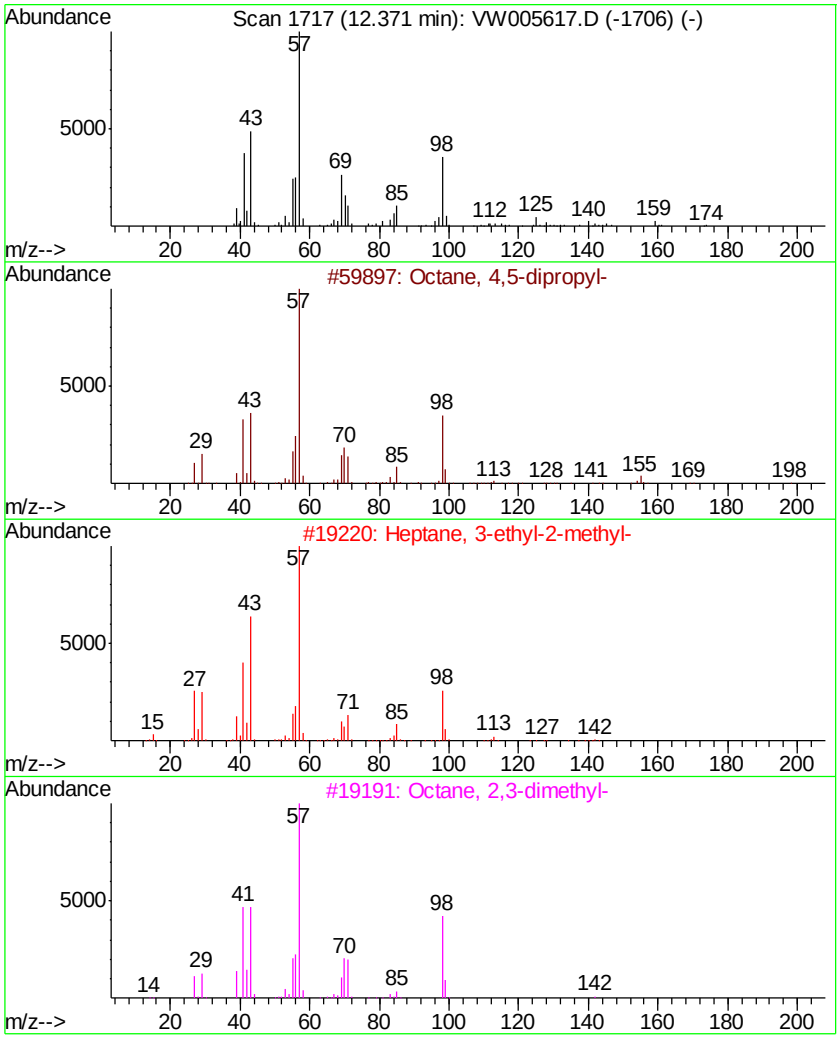
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

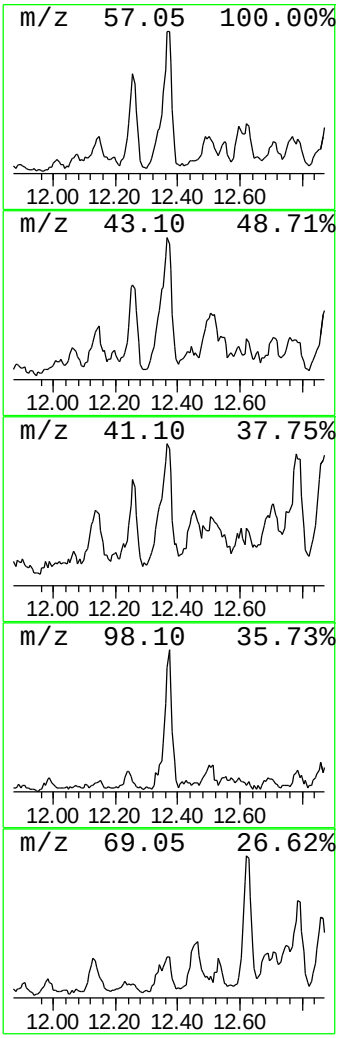
****

Peak Number 1 Octane, 4,5-dipropyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	7.33 ug/l	160528	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 4,5-dipropyl-	198	C14H30	020905-05-9	72
2	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	64
3	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	62
4	Heptane, 2,3,6-trimethyl-	142	C10H22	004032-93-3	53
5	Heptane, 4-(1-methylethyl)-	142	C10H22	052896-87-4	53





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092518\
Data File : VW005617.D
Acq On : 25 Sep 2018 17:53
Operator : VA/AP
Sample : J5066-07
Misc : 5.39G/5ML/MSVOA W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EP1-Q1-F3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
Quant Title : SW846 8260

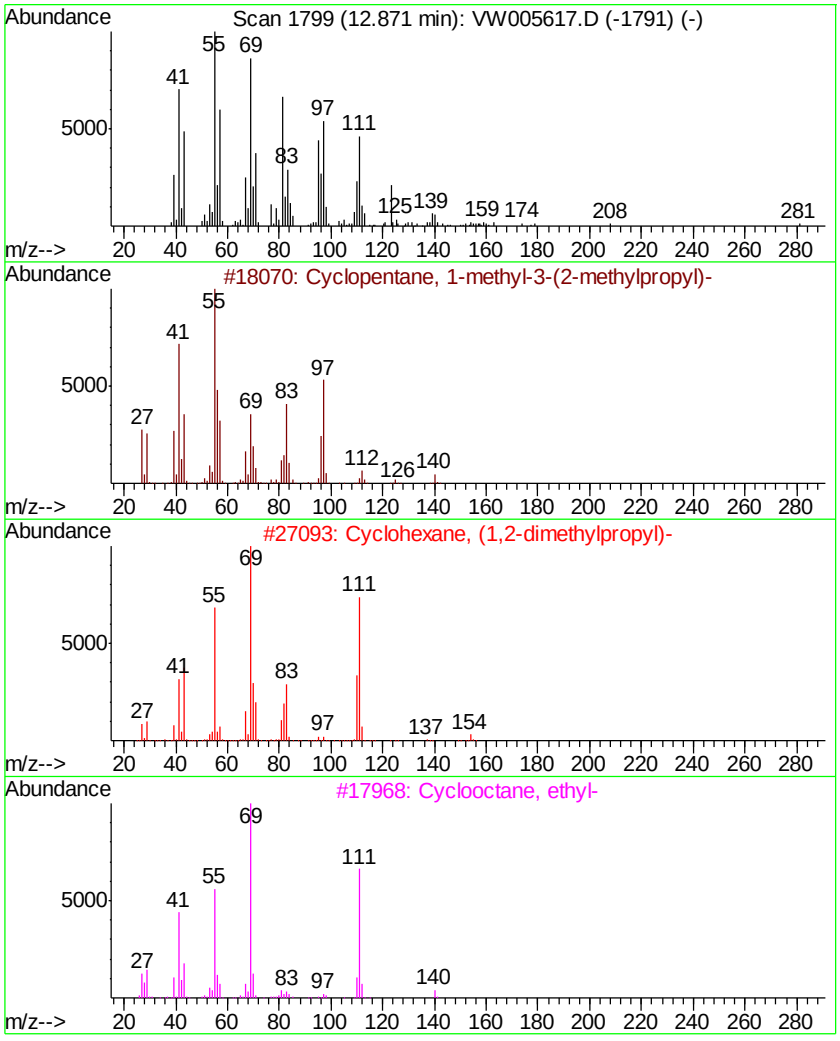
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

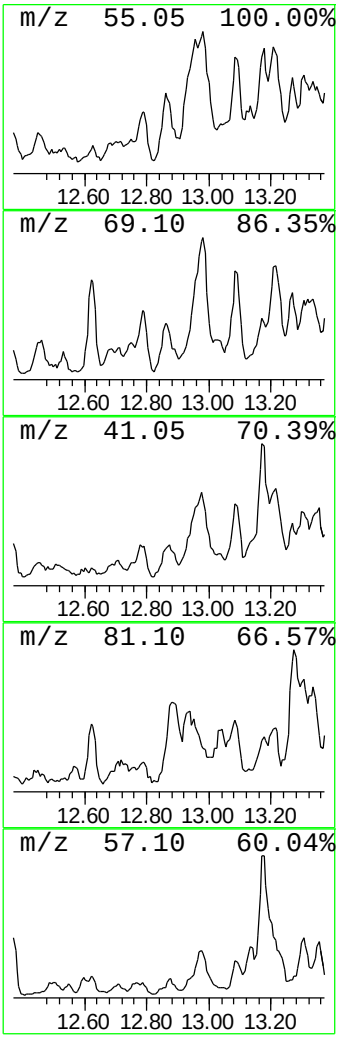
****

Peak Number 2 unknown12.87 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	7.30 ug/l	155843	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-methyl-3-(2-meth...	140	C10H20	029053-04-1	47
2	Cyclohexane, (1,2-dimethylpropyl)-	154	C11H22	051284-29-8	43
3	Cyclooctane, ethyl-	140	C10H20	013152-02-8	35
4	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	22
5	1-Pentene, 2,3-dimethyl-	98	C7H14	003404-72-6	18





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092518\
Data File : VW005617.D
Acq On : 25 Sep 2018 17:53
Operator : VA/AP
Sample : J5066-07
Misc : 5.39G/5ML/MSVOA W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EP1-Q1-F3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
Quant Title : SW846 8260

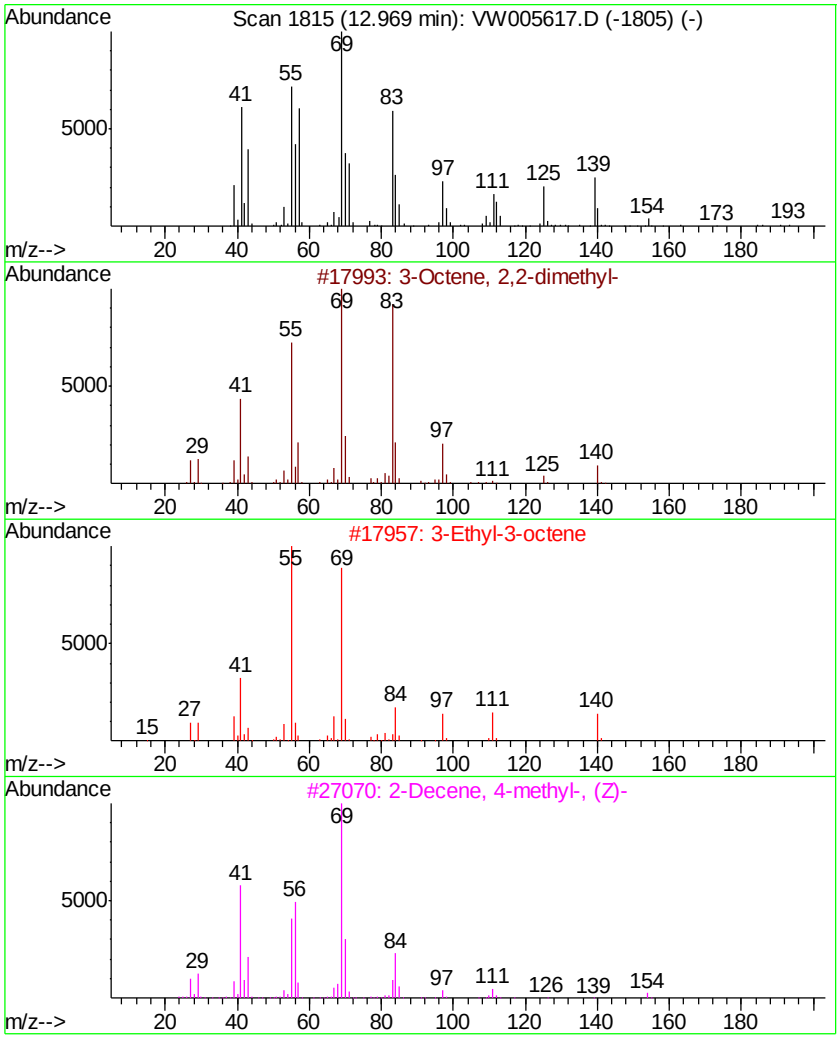
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

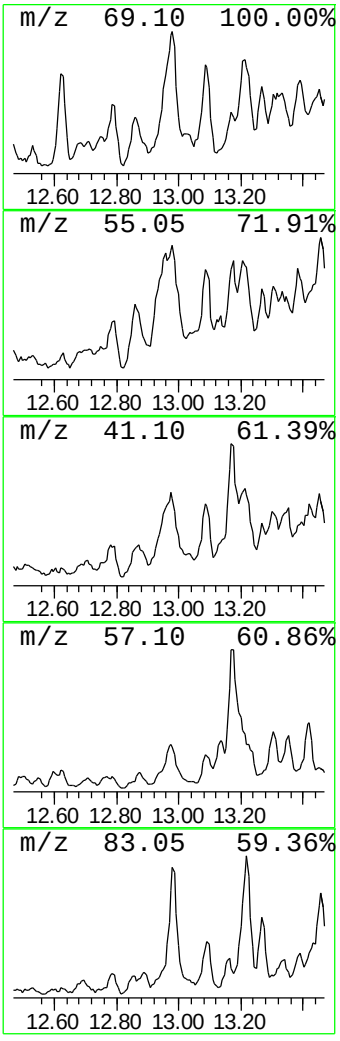
****

Peak Number 3 3-Octene, 2,2-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.97	20.08 ug/l	428513	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octene, 2,2-dimethyl-	140	C10H20	086869-76-3	70
2	3-Ethyl-3-octene	140	C10H20	019781-31-8	38
3	2-Decene, 4-methyl-, (Z)-	154	C11H22	074630-30-1	38
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	27
5	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	27





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092518\
Data File : VW005617.D
Acq On : 25 Sep 2018 17:53
Operator : VA/AP
Sample : J5066-07
Misc : 5.39G/5ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EP1-Q1-F3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
Quant Title : SW846 8260

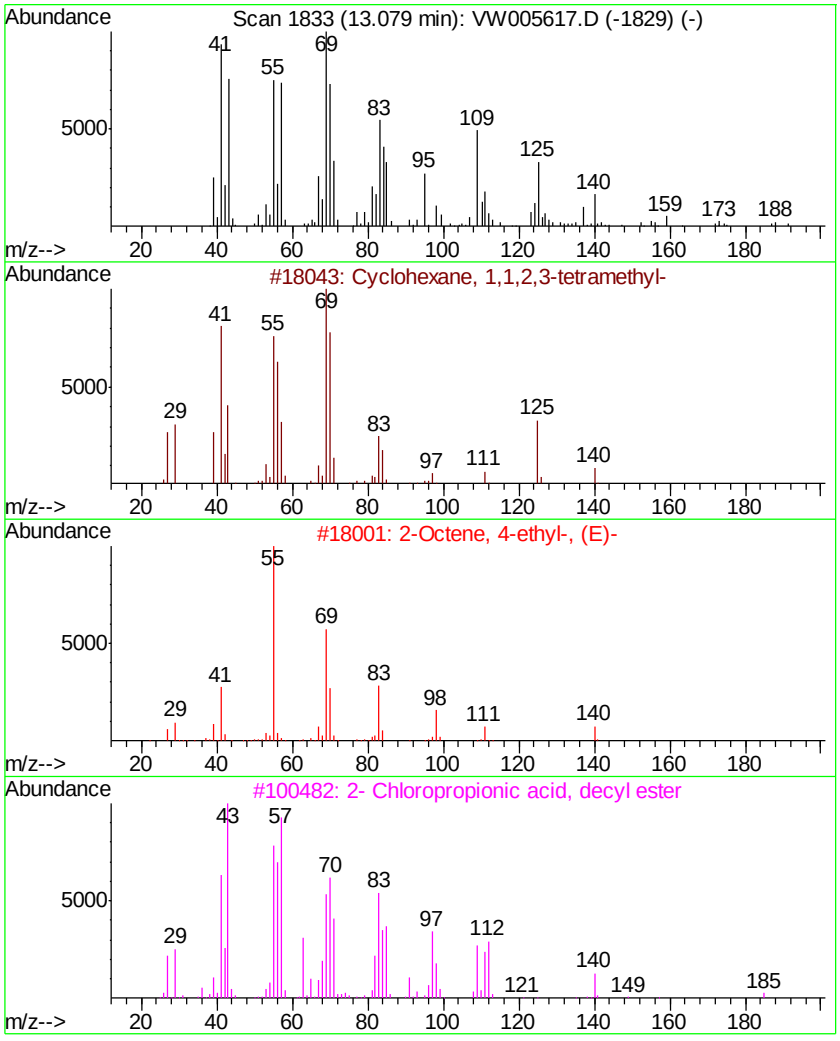
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

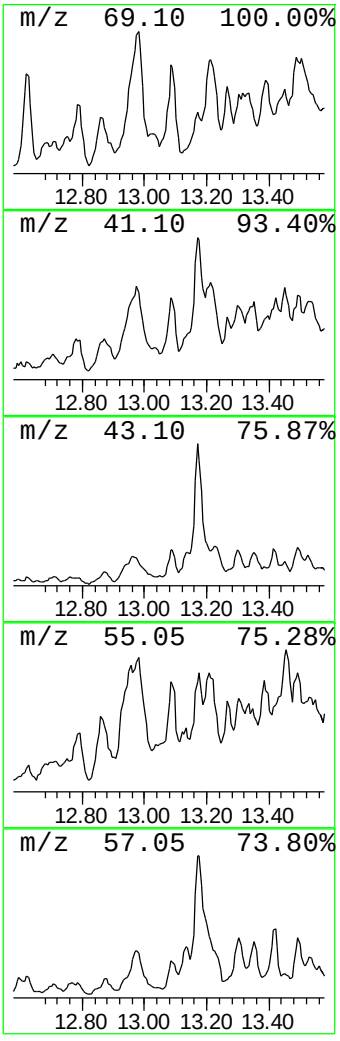
****

Peak Number 4 Cyclohexane, 1,1,2,3-tetram... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.08	7.70 ug/l	164302	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	64
2	2-Octene, 4-ethyl-, (E)-	140	C10H20	074630-09-4	52
3	2- Chloropropionic acid, decyl e...	248	C13H25ClO2	086711-78-6	49
4	1-Pentene, 2,3-dimethyl-	98	C7H14	003404-72-6	35
5	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	30





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092518\
Data File : VW005617.D
Acq On : 25 Sep 2018 17:53
Operator : VA/AP
Sample : J5066-07
Misc : 5.39G/5ML/MSVOA W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EP1-Q1-F3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
Quant Title : SW846 8260

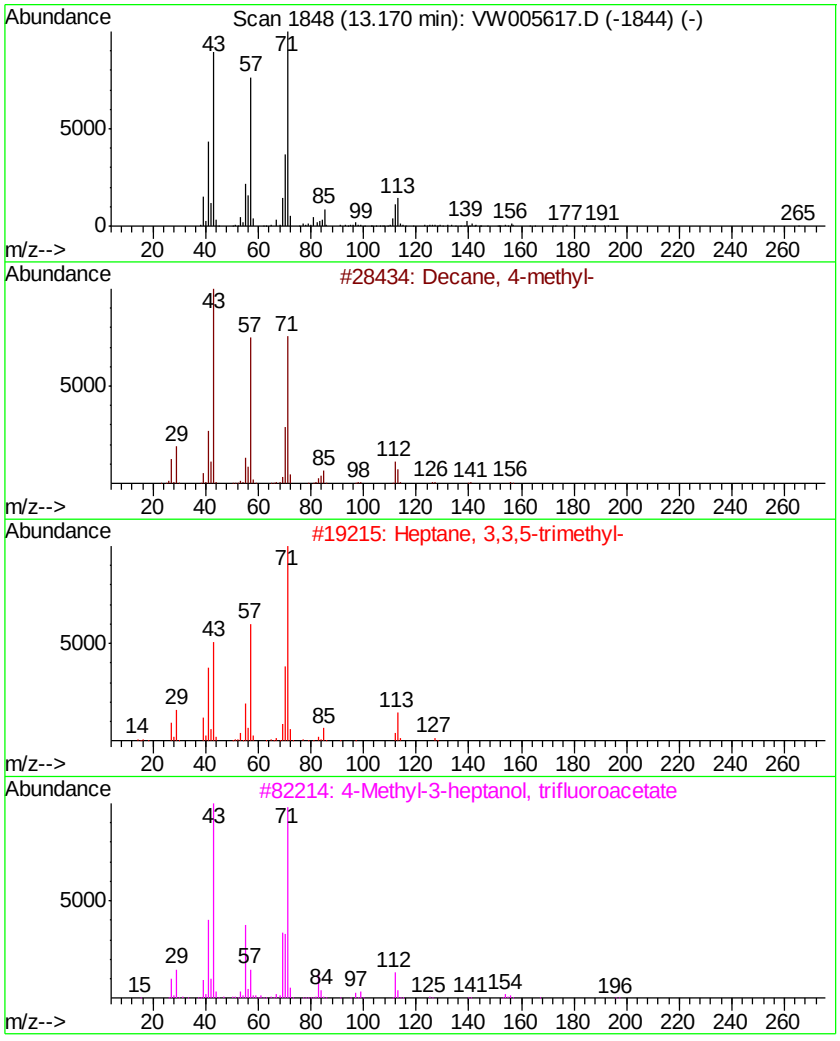
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

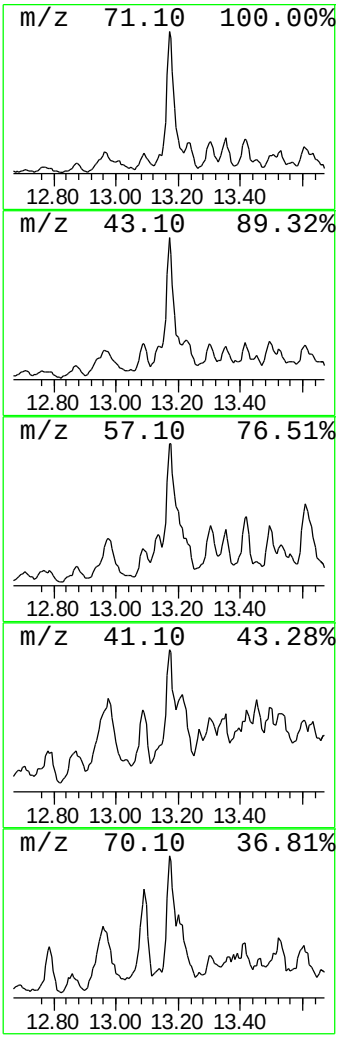
****

Peak Number 5 Decane, 4-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	13.68 ug/l	291867	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 4-methyl-	156	C11H24	002847-72-5	90
2	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	78
3	4-Methyl-3-heptanol, trifluoroac...	226	C10H17F3O2	1000365-51-8	64
4	Hexane, 3,3,4,4-tetramethyl-	142	C10H22	005171-84-6	59
5	Octane, 2,3,6,7-tetramethyl-	170	C12H26	052670-34-5	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092518\
Data File : VW005617.D
Acq On : 25 Sep 2018 17:53
Operator : VA/AP
Sample : J5066-07
Misc : 5.39G/5ML/MSVOA W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EP1-Q1-F3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
Quant Title : SW846 8260

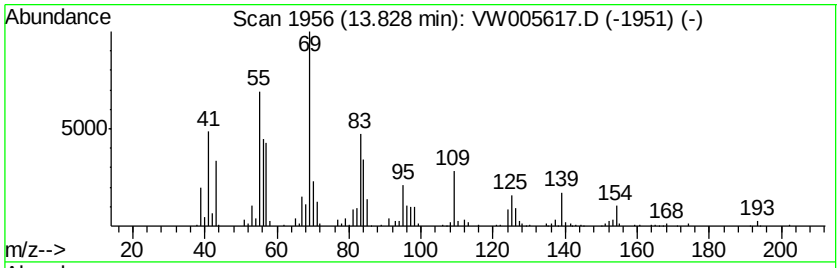
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

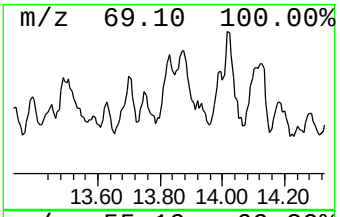
****

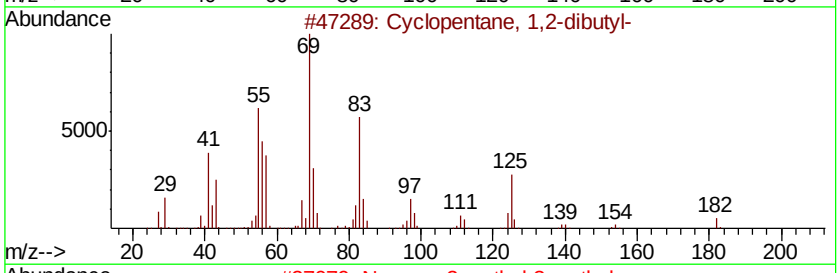
Peak Number 6 Cyclopentane, 1,2-dibutyl- Concentration Rank 4

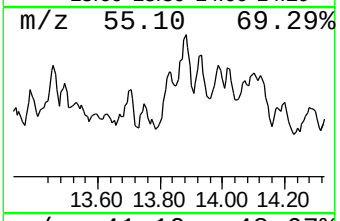
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	7.75 ug/l	165431	1,4-Dichlorobenzene-d4	13.57

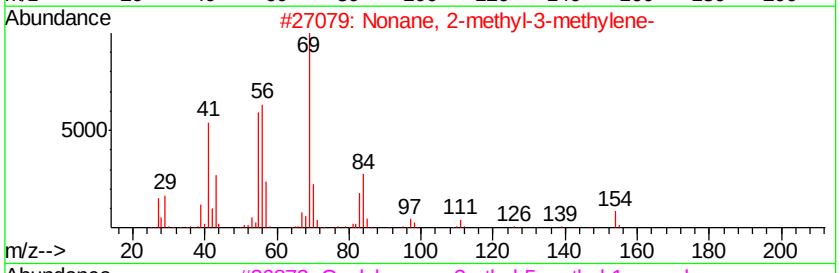
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2-dibutyl-	182	C13H26	062199-52-4	58
2	Nonane, 2-methyl-3-methylene-	154	C11H22	055499-08-6	47
3	Cyclohexane, 3-ethyl-5-methyl-1-...	168	C12H24	1000151-39-5	43
4	Cyclohexane, 1,1-dimethyl-2-propyl-	154	C11H22	081983-71-3	43
5	2-Dodecene, 4-methyl-	182	C13H26	056851-45-7	43

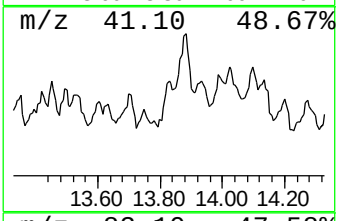


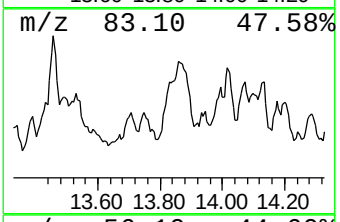


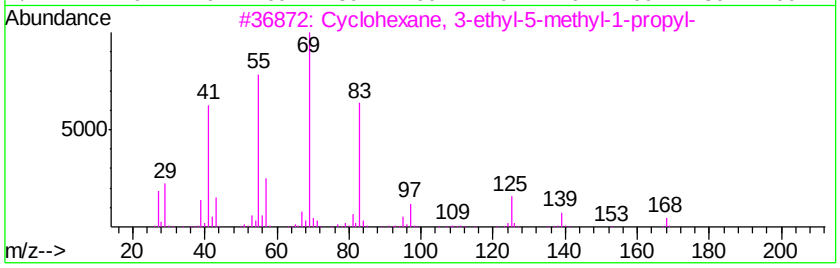


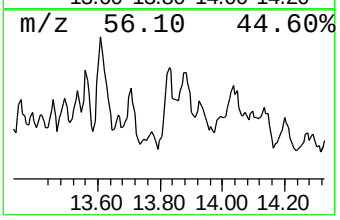












Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092518\
Data File : VW005617.D
Acq On : 25 Sep 2018 17:53
Operator : VA/AP
Sample : J5066-07
Misc : 5.39G/5ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EP1-Q1-F3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
Quant Title : SW846 8260

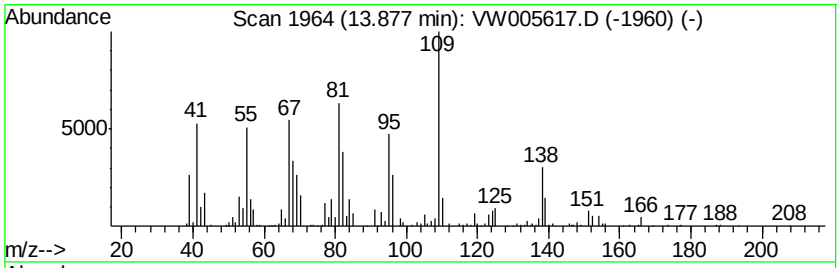
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

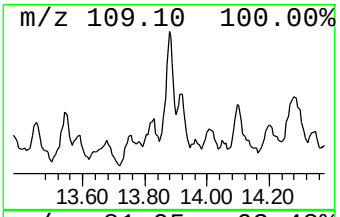
****

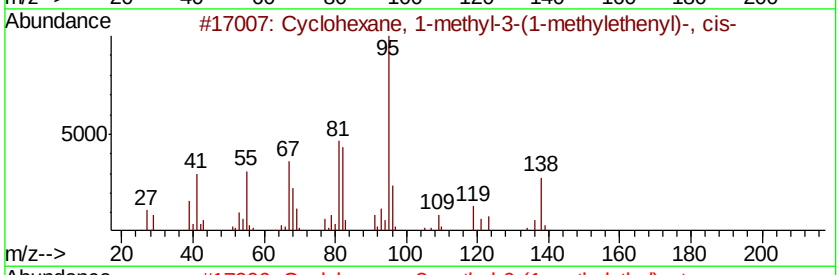
Peak Number 7 Cyclohexane, 1-methyl-3-(1-... Concentration Rank 3

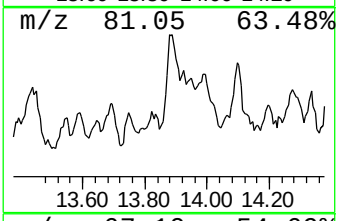
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	12.42 ug/l	265050	1,4-Dichlorobenzene-d4	13.57

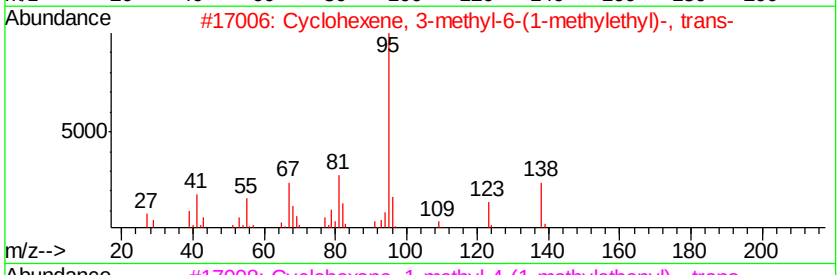
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-3-(1-methy...	138	C10H18	024399-15-3	83
2	Cyclohexene, 3-methyl-6-(1-methy...	138	C10H18	001124-26-1	60
3	Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001124-25-0	55
4	Naphthalene, decahydro-	138	C10H18	000091-17-8	52
5	9-Eicosyne	278	C20H38	071899-38-2	49

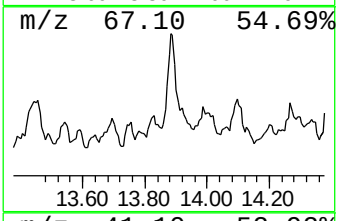


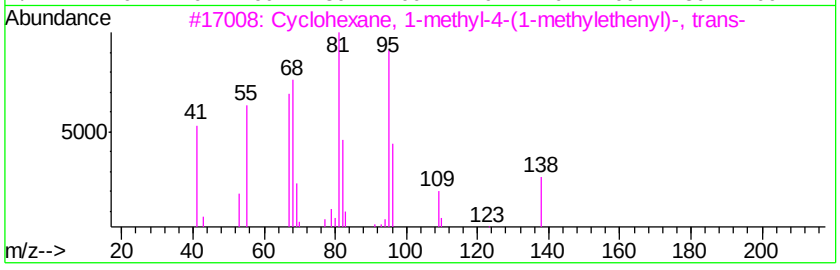


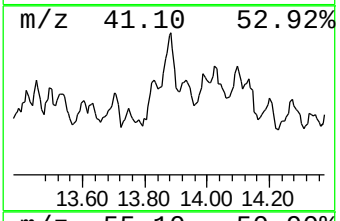


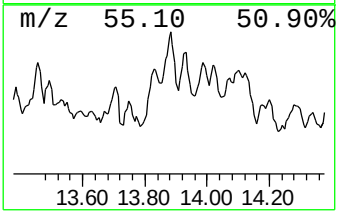












Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092518\
Data File : VW005617.D
Acq On : 25 Sep 2018 17:53
Operator : VA/AP
Sample : J5066-07
Misc : 5.39G/5ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EP1-Q1-F3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
Quant Title : SW846 8260

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

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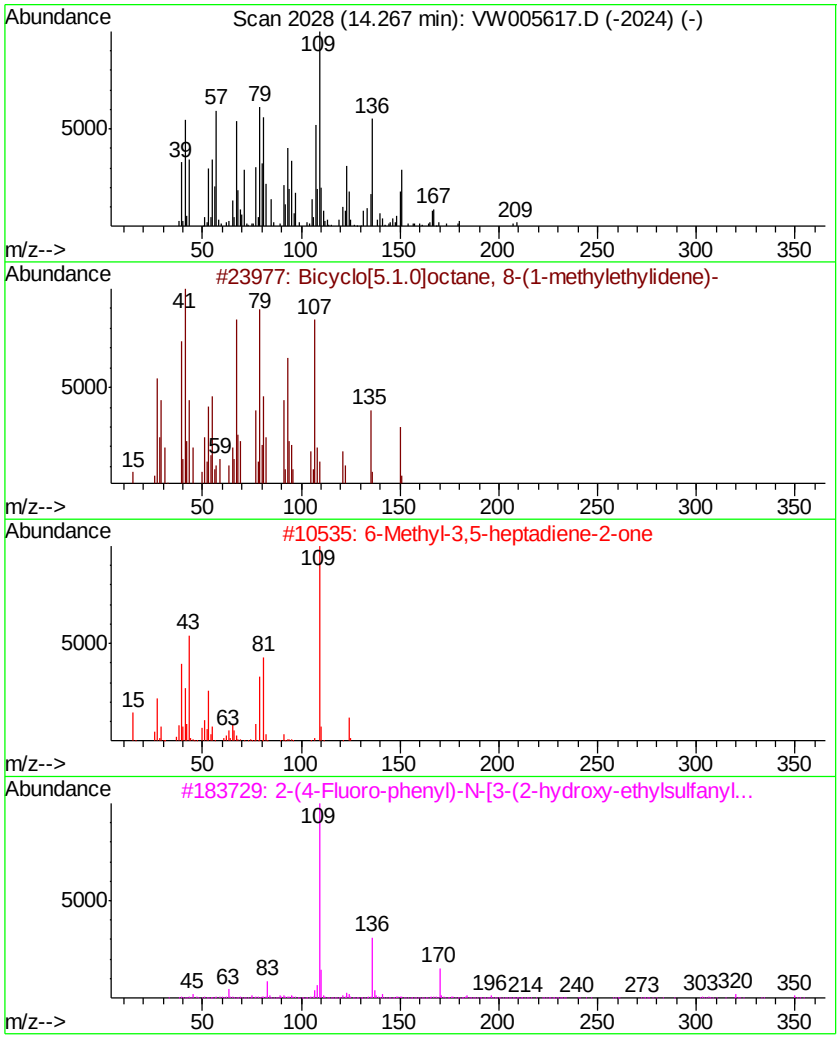
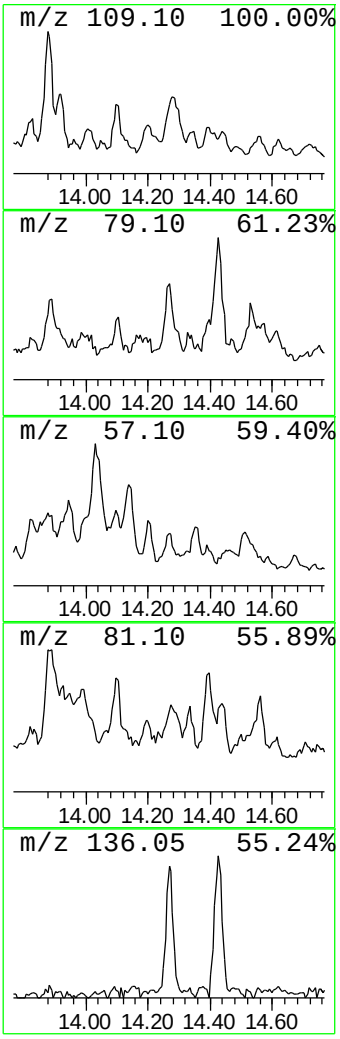
Peak Number 8 Bicyclo[5.1.0]octane, 8-(1-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.27	7.37 ug/l	157227	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[5.1.0]octane, 8-(1-methy...	150	C11H18	054166-47-1	68
2	6-Methyl-3,5-heptadiene-2-one	124	C8H12O	001604-28-0	27
3	2-(4-Fluoro-phenyl)-N-[3-(2-hydr...	350	C16H15FN2O4S	1000297-28-5	27
4	Ethanone, 1-(2-methyl-1-cyclopen...	124	C8H12O	003168-90-9	27
5	1(3H)-Isobenzofuranone, 3a,4,5,7...	182	C10H14O3	054346-06-4	27





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092518\
Data File : VW005617.D
Acq On : 25 Sep 2018 17:53
Operator : VA/AP
Sample : J5066-07
Misc : 5.39G/5ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EP1-Q1-F3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
Quant Title : SW846 8260

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

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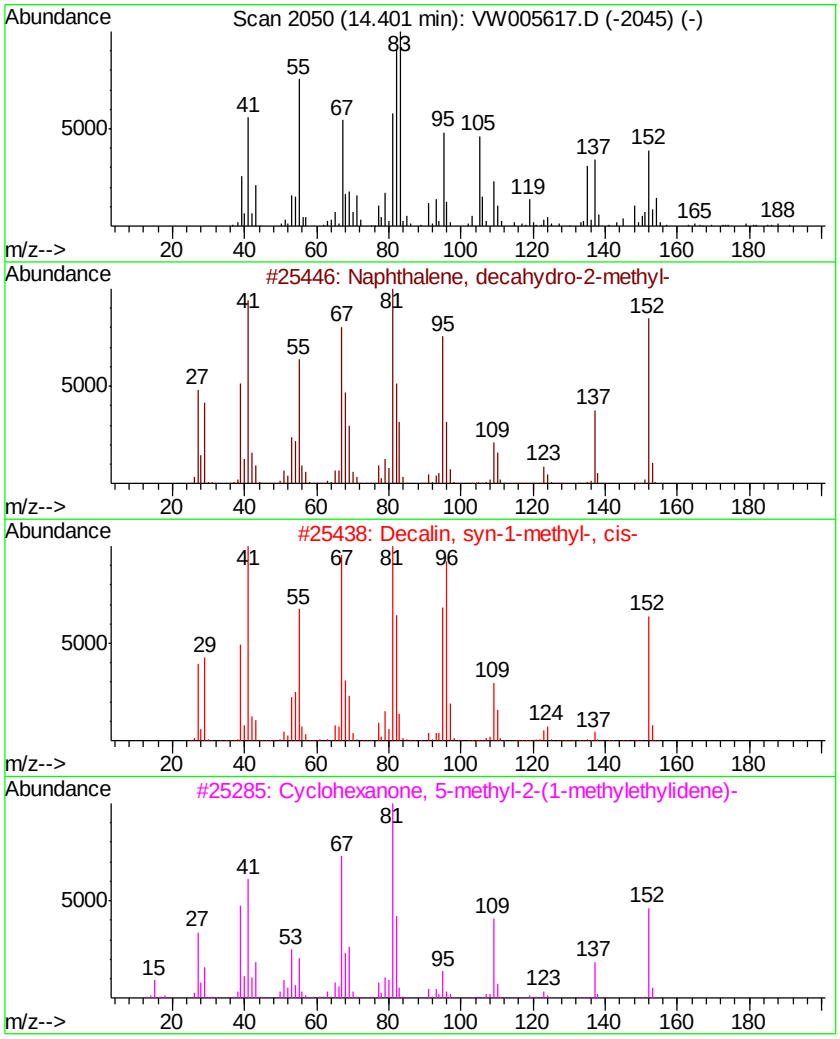
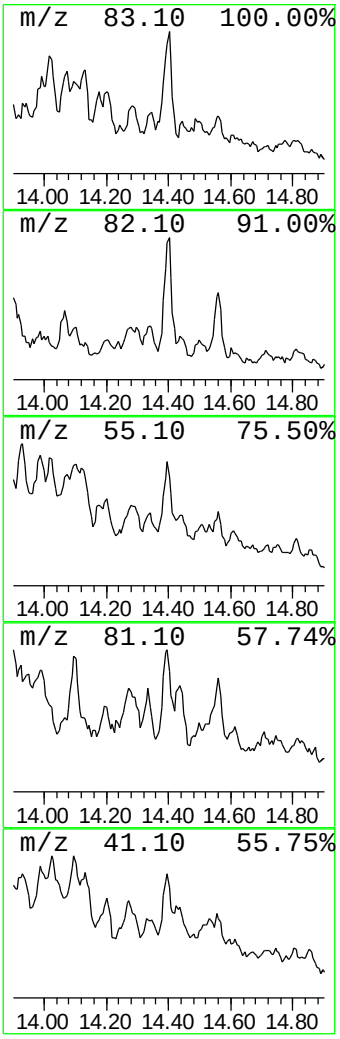
Peak Number 9 Naphthalene, decahydro-2-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.40	7.19 ug/l	153455	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	60
2	Decalin, syn-1-methyl-, cis-	152	C11H20	1000158-89-1	55
3	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	38
4	1-Methylbicyclo[3.3.0]octane-3,7...	152	C9H12O2	021170-08-1	38
5	trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	38





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092518\
Data File : VW005617.D
Acq On : 25 Sep 2018 17:53
Operator : VA/AP
Sample : J5066-07
Misc : 5.39G/5ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EP1-Q1-F3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
Quant Title : SW846 8260

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

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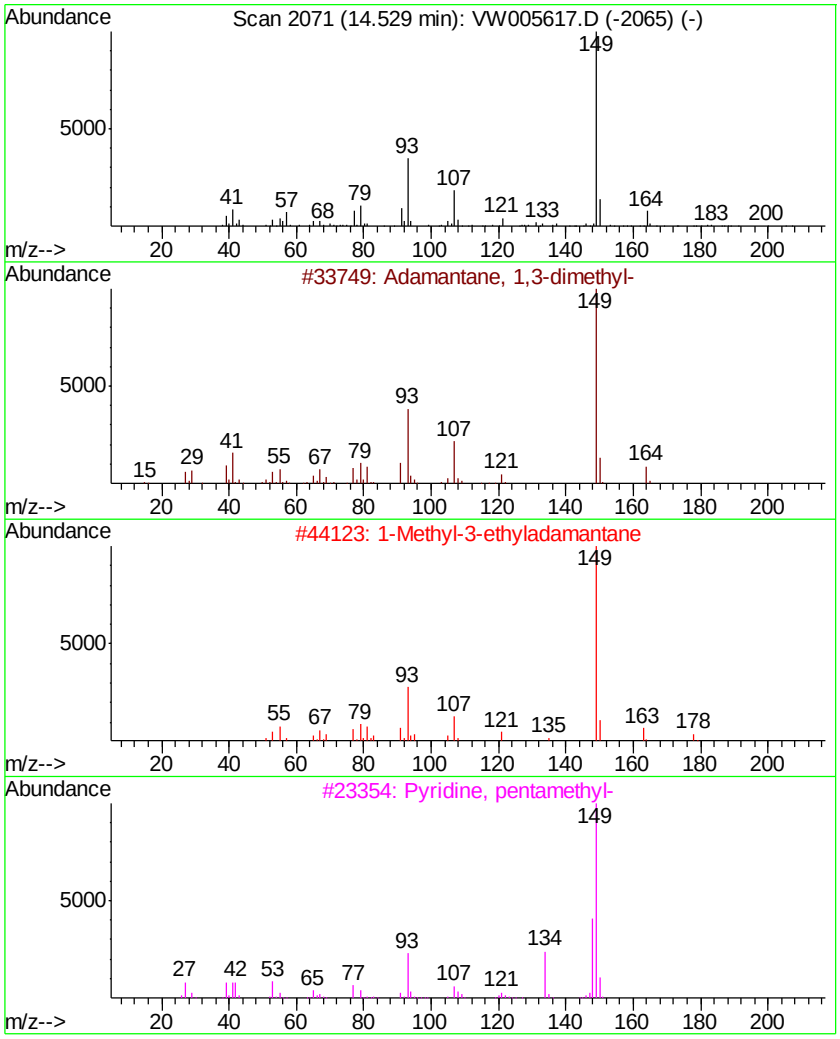
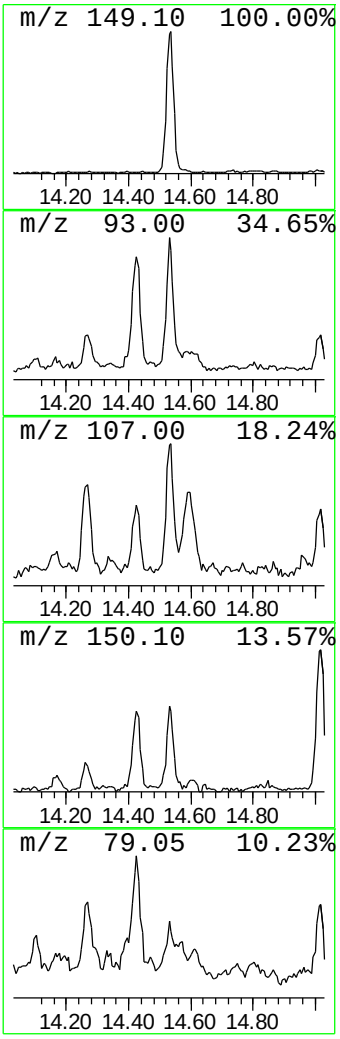
Peak Number 10 Adamantane, 1,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.53	6.77 ug/l	144563	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Adamantane, 1,3-dimethyl-	164	C12H20	000702-79-4	94
2	1-Methyl-3-ethyladamantane	178	C13H22	001687-34-9	72
3	Pyridine, pentamethyl-	149	C10H15N	003748-83-2	59
4	2-(3-Methylbuta-1,3-dienyl)cyclo...	164	C11H16O	1000191-75-5	59
5	1H-S-Triazolo[1,5-a]pyridin-4-iu...	149	C7H7N3O	013980-64-8	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092518\
Data File : VW005617.D
Acq On : 25 Sep 2018 17:53
Operator : VA/AP
Sample : J5066-07
Misc : 5.39G/5ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EP1-Q1-F3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.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
Octane, 4,5-dipro...	12.37	7.3	ug/l	160528	3	11.63	1095620	50.0
unknown12.87	12.87	7.3	ug/l	155843	4	13.57	1066980	50.0
3-Octene, 2,2-dim...	12.97	20.1	ug/l	428513	4	13.57	1066980	50.0
Cyclohexane, 1,1,...	13.08	7.7	ug/l	164302	4	13.57	1066980	50.0
Decane, 4-methyl-	13.17	13.7	ug/l	291867	4	13.57	1066980	50.0
Cyclopentane, 1,2...	13.83	7.8	ug/l	165431	4	13.57	1066980	50.0
Cyclohexane, 1-me...	13.88	12.4	ug/l	265050	4	13.57	1066980	50.0
Bicyclo[5.1.0]oct...	14.27	7.4	ug/l	157227	4	13.57	1066980	50.0
Naphthalene, deca...	14.40	7.2	ug/l	153455	4	13.57	1066980	50.0
Adamantane, 1,3-d...	14.53	6.8	ug/l	144563	4	13.57	1066980	50.0