LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122318\
Data File : VW007836.D
Acq On : 22 Dec 2018 11:50
Operator : SY/AP
Sample : J6426-17
Misc : 2.20G/5ML/MSVOA_W/SOIL
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : P001-SS013C-3642-01

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\82W122118S.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	4.982	476	505	556	rBV	919315	5251212	4.65%	0.981%
2	5.464	563	584	627	rBV	1298186	6695291	5.93%	1.251%
3	5.970	648	667	707	rBV	3112452	14910535	13.21%	2.786%
4	7.012	822	838	856	rBV	2301511	10144091	8.99%	1.895%
5	7.189	856	867	904	rVB	852620	3782558	3.35%	0.707%
6	7.969	973	995	1020	rBV4	552181	2855492	2.53%	0.534%
7	8.713	1109	1117	1135	rVB	487824	1684838	1.49%	0.315%
8	9.353	1206	1222	1245	rBV2	866201	3338447	2.96%	0.624%
9	10.396	1377	1393	1396	rBV2	31582376	75783306	67.14%	14.159%
10	11.755	1606	1616	1627	rBV2	28432404	112867175	100.00%	21.088%
11	11.865	1627	1634	1635	rBV3	30965984	67958497	60.21%	12.697%
12	12.194	1676	1688	1697	rBV3	34384377	107127742	94.91%	20.016%
13	12.371	1705	1717	1726	rBV5	381358	1637466	1.45%	0.306%
14	12.475	1728	1734	1740	rBV	1113360	2129595	1.89%	0.398%
15	12.621	1751	1758	1769	rVB	10567255	20075008	17.79%	3.751%
16	12.816	1781	1790	1794	rBV	1253978	2420407	2.14%	0.452%
17	12.877	1794	1800	1803	rBV	3932917	6962904	6.17%	1.301%
18	12.944	1807	1811	1818	rVB3	3830153	7744821	6.86%	1.447%
19	13.115	1831	1839	1845	rBV	1646891	3504120	3.10%	0.655%
20	13.170	1845	1848	1855	rVB	842252	1298611	1.15%	0.243%
21	13.261	1856	1863	1868	rBV	6167992	10393856	9.21%	1.942%
22	13.450	1889	1894	1898	rBV2	851377	1491146	1.32%	0.279%
23	13.499	1898	1902	1909	rVB3	948716	2015537	1.79%	0.377%
24	13.597	1913	1918	1922	rVB	1747044	2641848	2.34%	0.494%
25	13.761	1940	1945	1948	rVV2	1280712	2328681	2.06%	0.435%
26	13.798	1948	1951	1959	rVB3	1162726	2204037	1.95%	0.412%
27	13.883	1959	1965	1970	rBV	3828573	5883493	5.21%	1.099%
28	14.078	1989	1997	2005	rVB3	5283760	11235854	9.95%	2.099%
29	14.212	2013	2019	2024	rBV3	805963	1356118	1.20%	0.253%
30	14.352	2035	2042	2045	rBV4	619500	1326363	1.18%	0.248%
31	14.395	2045	2049	2052	rVV3	808914	1429296	1.27%	0.267%
32	14.432	2052	2055	2058	rVV2	942547	1538323	1.36%	0.287%
33	14.462	2058	2060	2064	rVV	901037	1142088	1.01%	0.213%
34	14.505	2064	2067	2071	rVV	842272	1137914	1.01%	0.213%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122318\
Data File : VW007836.D
Acq On : 22 Dec 2018 11:50
Operator : SY/AP
Sample : J6426-17
Misc : 2.20G/5ML/MSVOA_W/SOIL
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : P001-SS013C-3642-01

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\82W122118S.M
Title : SW846 8260

35	14.730	2100	2104	2110	rVB2	3463804	5131071	4.55%	0.959%
36	14.804	2110	2116	2121	rBV3	1298567	3173852	2.81%	0.593%
37	14.846	2121	2123	2131	rVB2	973876	1782155	1.58%	0.333%
38	15.139	2167	2171	2175	rBV2	831483	1346770	1.19%	0.252%
39	15.255	2187	2190	2198	rVB5	623679	1338626	1.19%	0.250%
40	15.334	2198	2203	2206	rBV	1124127	1970429	1.75%	0.368%
41	15.377	2206	2210	2216	rVB	1558701	2718018	2.41%	0.508%
42	15.505	2222	2231	2236	rBV	1020913	2491424	2.21%	0.465%
43	15.566	2236	2241	2249	rVB	2470468	4255385	3.77%	0.795%
44	15.669	2250	2258	2264	rBV5	451795	1304811	1.16%	0.244%
45	16.450	2380	2386	2392	rBV	1053327	2312987	2.05%	0.432%
46	16.511	2392	2396	2401	rVB	658763	1142173	1.01%	0.213%
47	16.657	2413	2420	2432	rVB	691197	1958947	1.74%	0.366%

Sum of corrected areas: 535223318

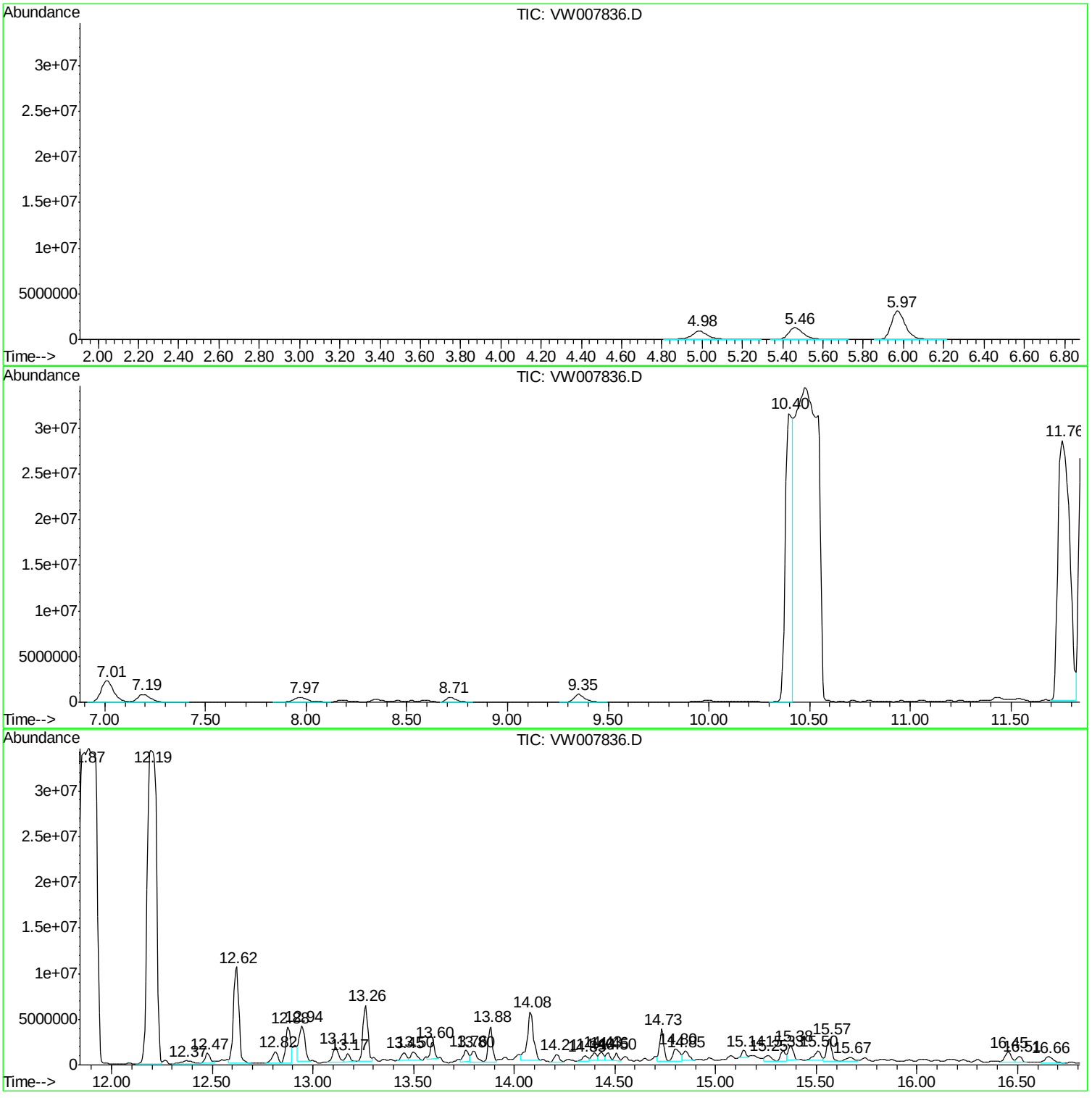
LSC Report - Integrated Chromatogram

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122318\
Data File : VW007836.D
Acq On : 22 Dec 2018 11:50
Operator : SY/AP
Sample : J6426-17
Misc : 2.20G/5ML/MSVOA_W/SOIL
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
P001-SS013C-3642-01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
Quant Title : SW846 8260

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



Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122318\
Data File : VW007836.D
Acq On : 22 Dec 2018 11:50
Operator : SY/AP
Sample : J6426-17
Misc : 2.20G/5ML/MSVOA_W/SOIL
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : P001-SS013C-3642-01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
Quant Title : SW846 8260

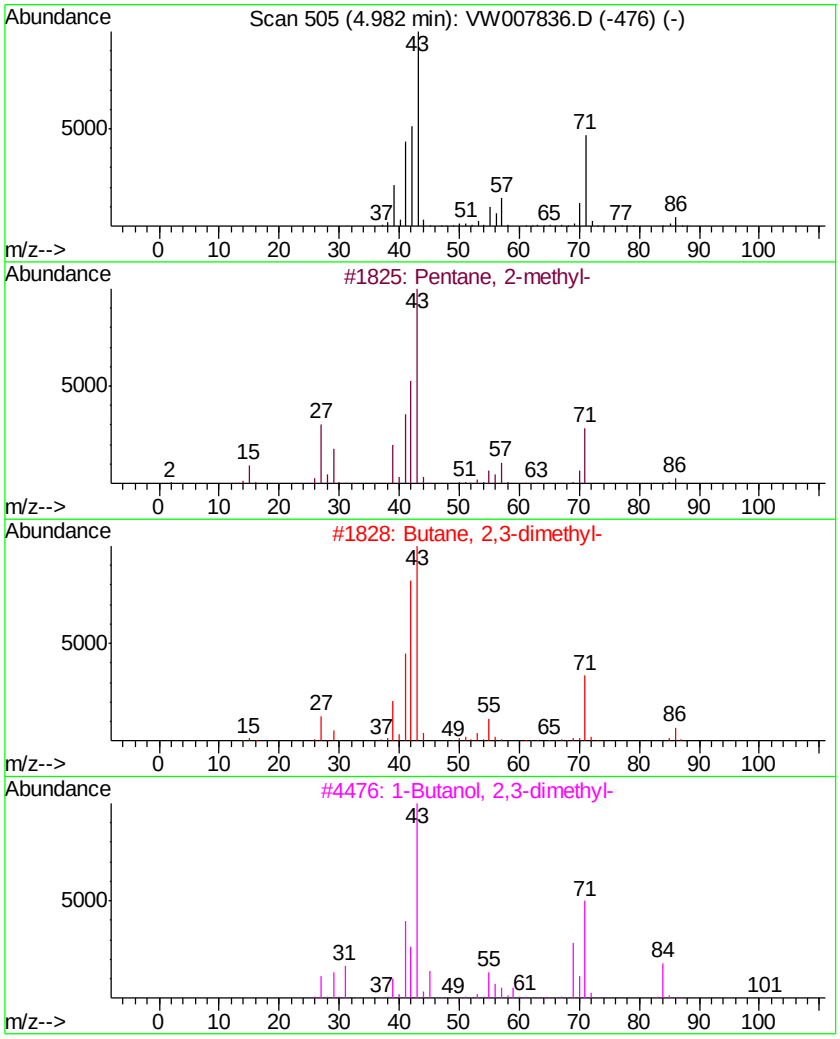
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

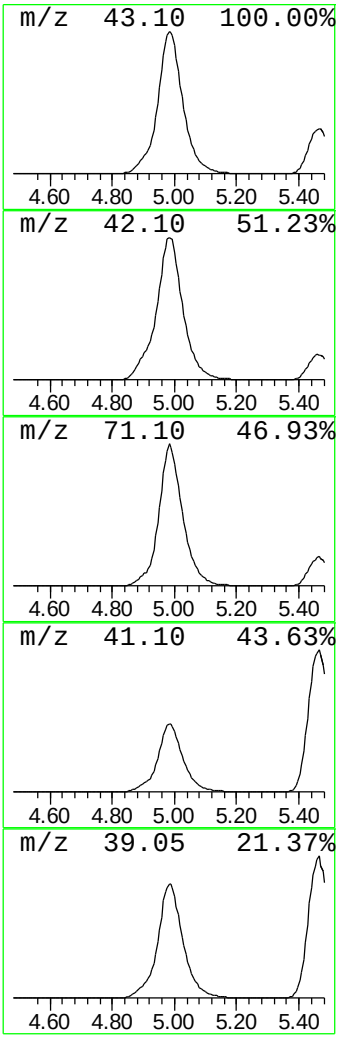
****

Peak Number 1 Pentane, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.98	91.95 ug/l	5251210	Pentafluorobenzene	7.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	91
2	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	49
3	1-Butanol, 2,3-dimethyl-	102	C6H14O	019550-30-2	45
4	Pentane	72	C5H12	000109-66-0	43
5	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	38





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122318\
Data File : VW007836.D
Acq On : 22 Dec 2018 11:50
Operator : SY/AP
Sample : J6426-17
Misc : 2.20G/5ML/MSVOA_W/SOIL
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : P001-SS013C-3642-01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
Quant Title : SW846 8260

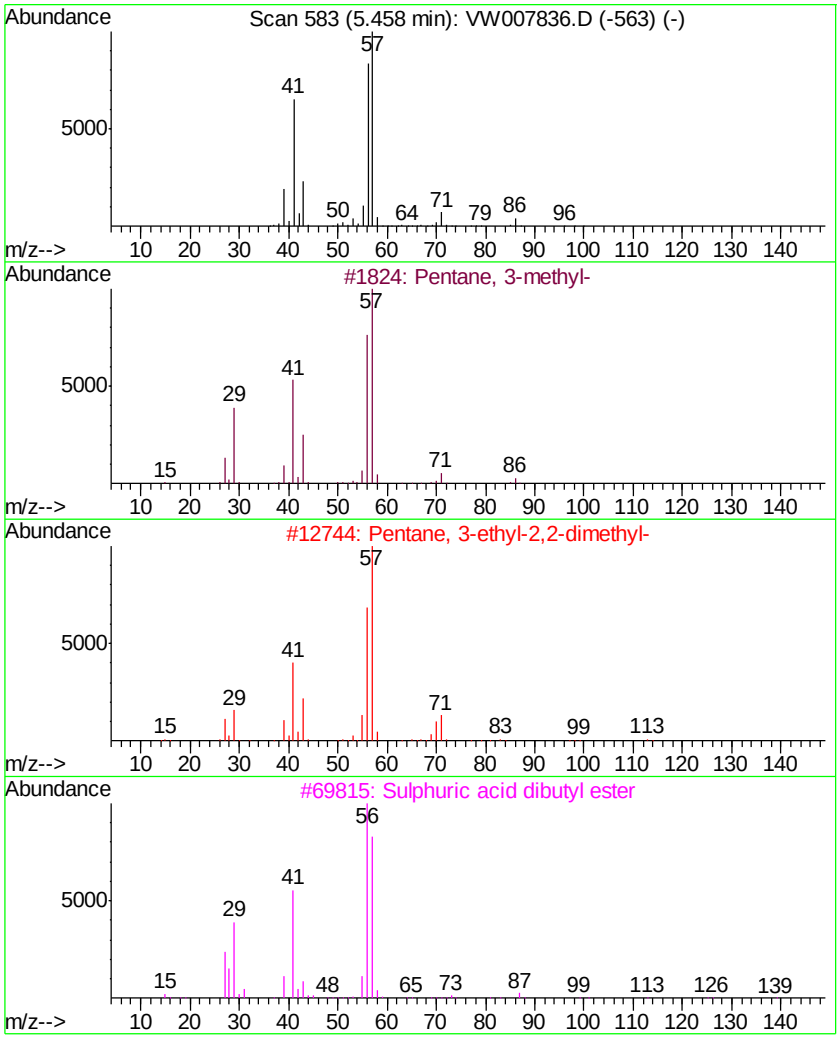
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

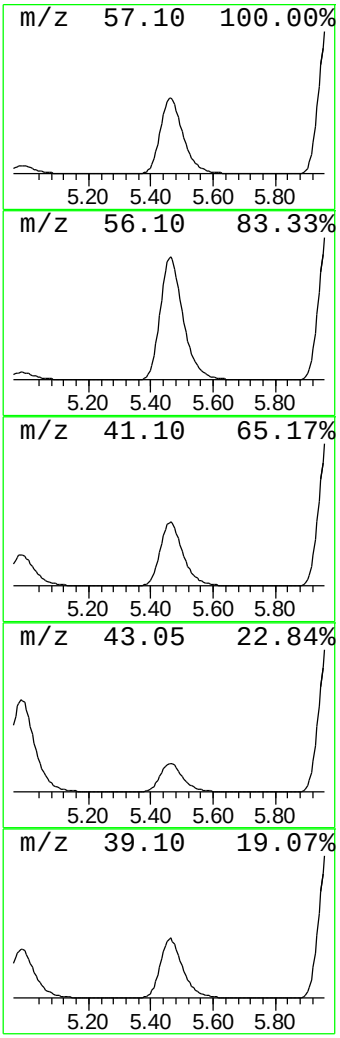
****

Peak Number 2 Pentane, 3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.46	117.24 ug/l	6695290	Pentafluorobenzene	7.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
2	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	43
3	Sulphuric acid dibutyl ester	210	C8H18O4S	000625-22-9	40
4	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	39
5	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122318\
Data File : VW007836.D
Acq On : 22 Dec 2018 11:50
Operator : SY/AP
Sample : J6426-17
Misc : 2.20G/5ML/MSVOA_W/SOIL
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : P001-SS013C-3642-01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
Quant Title : SW846 8260

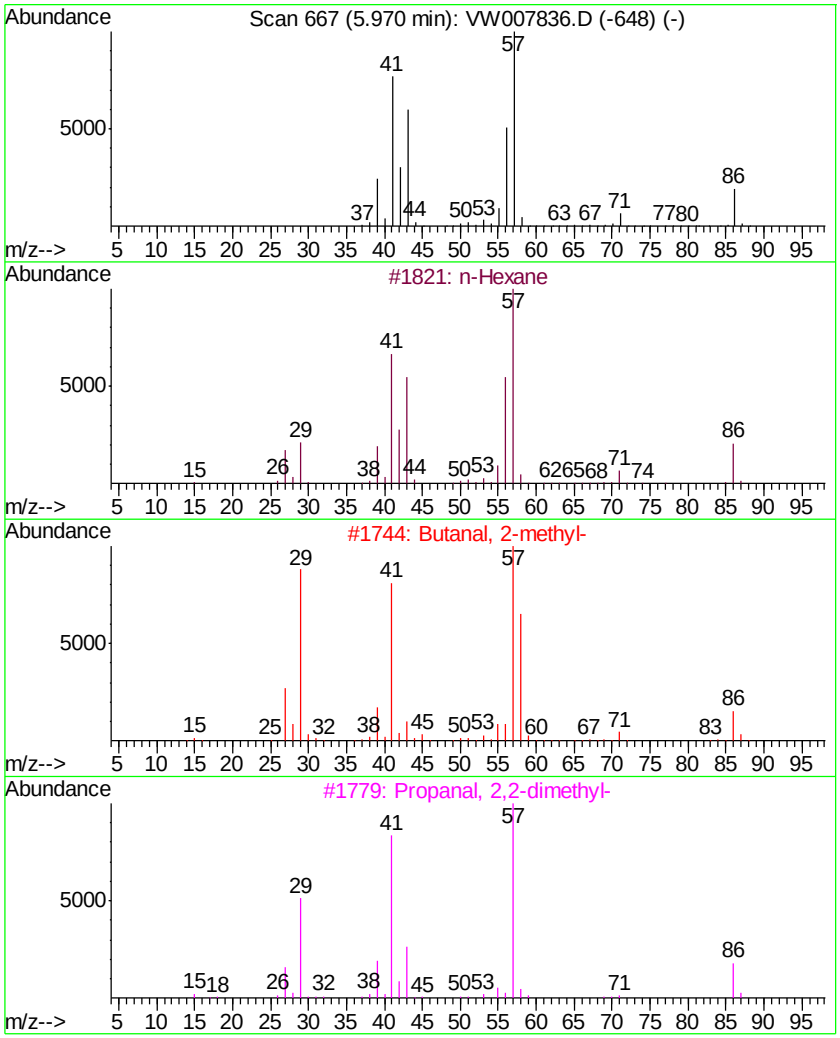
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

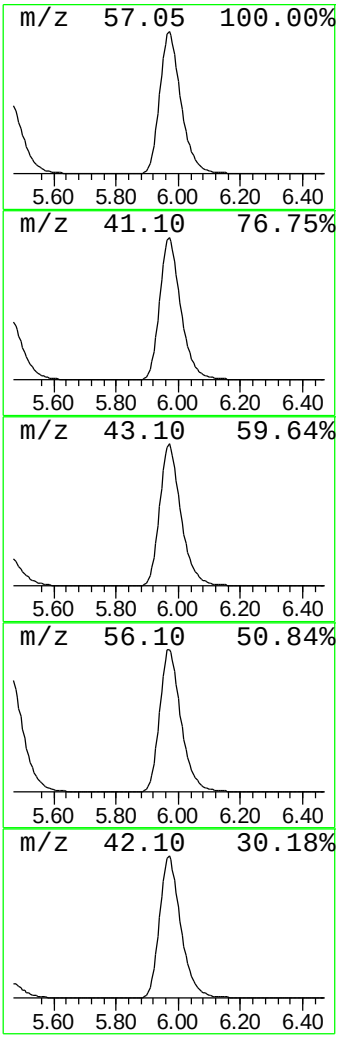
****

Peak Number 3 n-Hexane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.97	261.09 ug/l	14910500	Pentafluorobenzene	7.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	94
2	Butanal, 2-methyl-	86	C5H10O	000096-17-3	38
3	Propanal, 2,2-dimethyl-	86	C5H10O	000630-19-3	38
4	1-Pentene, 4-methyl-	84	C6H12	000691-37-2	37
5	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	37





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122318\
Data File : VW007836.D
Acq On : 22 Dec 2018 11:50
Operator : SY/AP
Sample : J6426-17
Misc : 2.20G/5ML/MSVOA_W/SOIL
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : P001-SS013C-3642-01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
Quant Title : SW846 8260

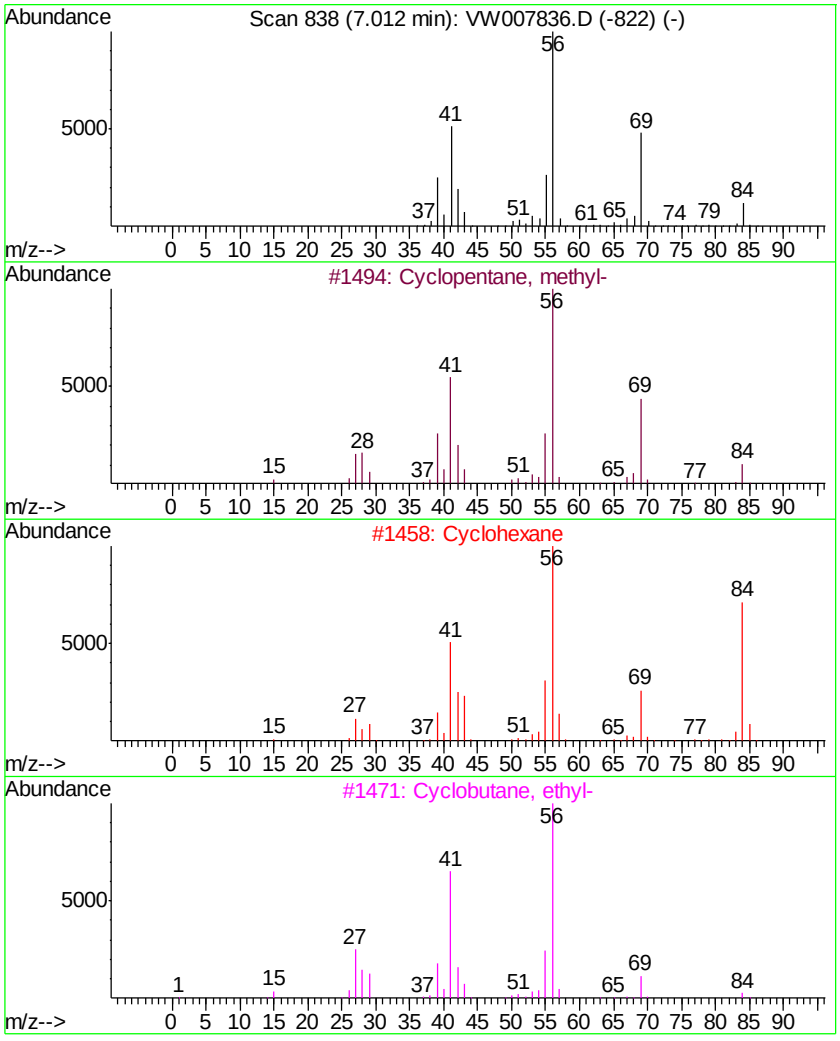
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

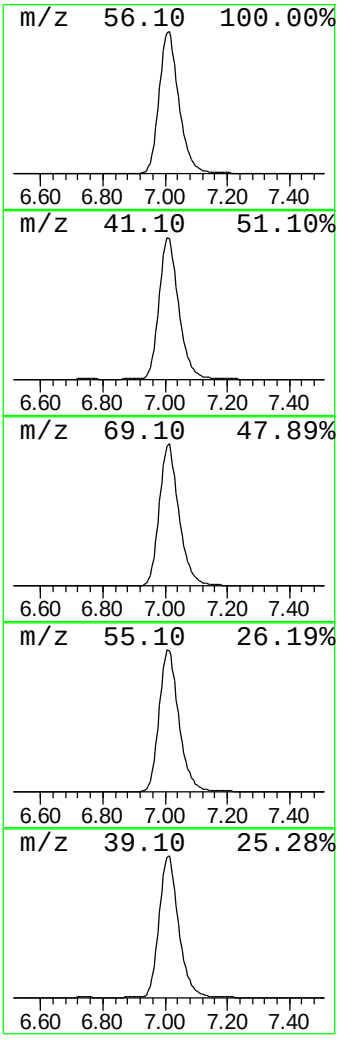
****

Peak Number 4 Cyclopentane, methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.01	177.62 ug/l	10144100	Pentafluorobenzene	7.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	94
2	Cyclohexane	84	C6H12	000110-82-7	78
3	Cyclobutane, ethyl-	84	C6H12	004806-61-5	72
4	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	64
5	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	56





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122318\
Data File : VW007836.D
Acq On : 22 Dec 2018 11:50
Operator : SY/AP
Sample : J6426-17
Misc : 2.20G/5ML/MSVOA_W/SOIL
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : P001-SS013C-3642-01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
Quant Title : SW846 8260

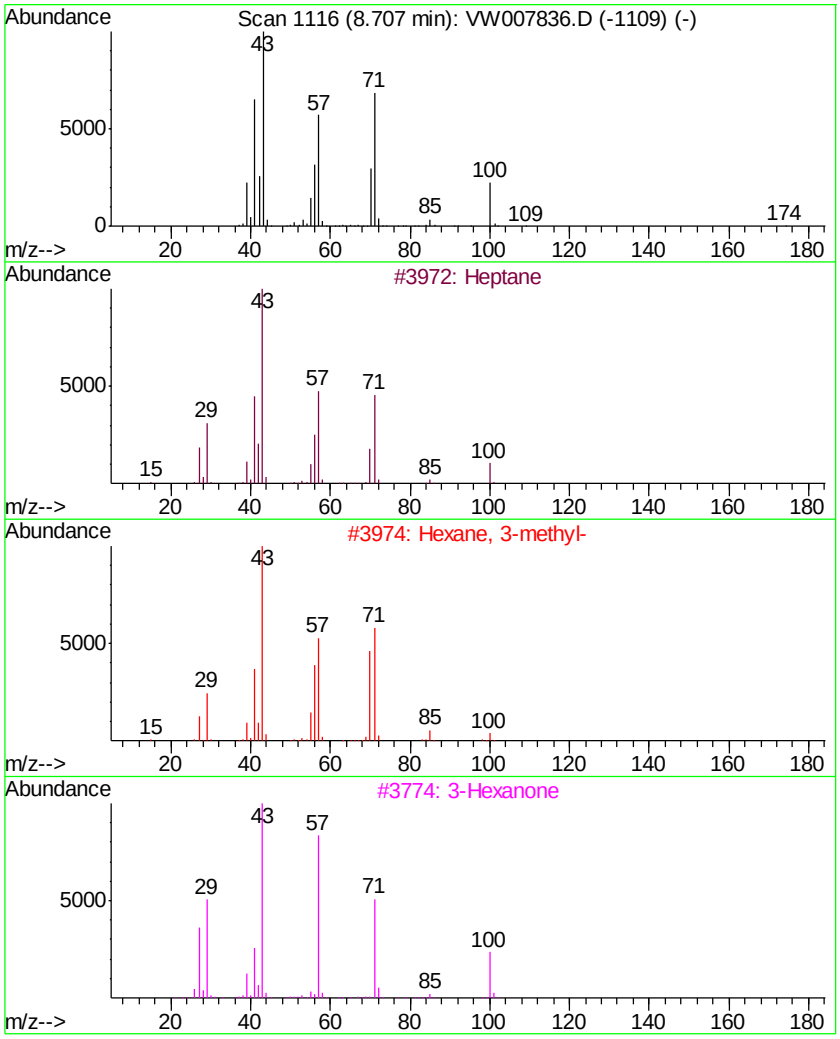
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

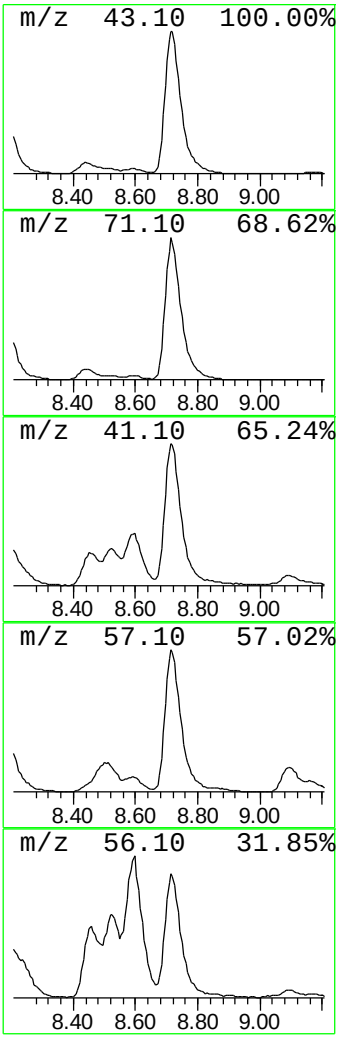
****

Peak Number 5 Heptane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.71	50.00 ug/l	1684840	1,4-Difluorobenzene	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	91
2	Hexane, 3-methyl-	100	C7H16	000589-34-4	40
3	3-Hexanone	100	C6H12O	000589-38-8	38
4	Oxirane, butyl-	100	C6H12O	001436-34-6	38
5	Acetaldehyde, propylhydrazone	100	C5H12N2	007422-88-0	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122318\
Data File : VW007836.D
Acq On : 22 Dec 2018 11:50
Operator : SY/AP
Sample : J6426-17
Misc : 2.20G/5ML/MSVOA_W/SOIL
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : P001-SS013C-3642-01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
Quant Title : SW846 8260

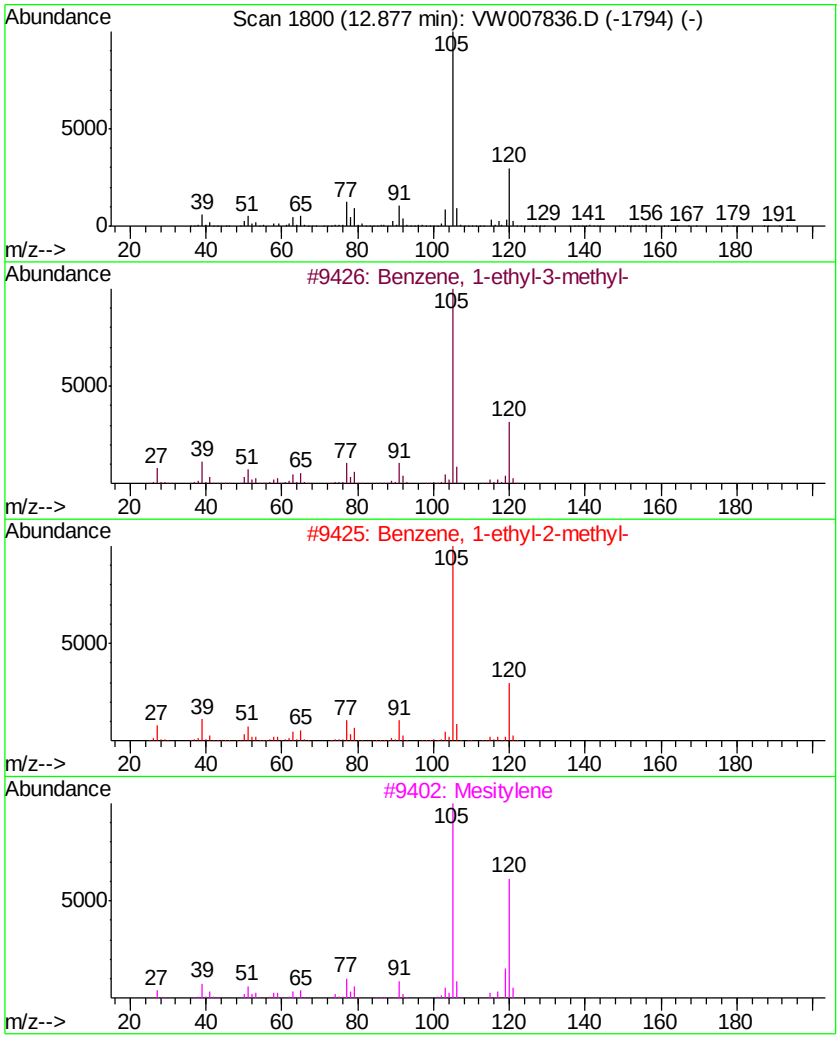
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

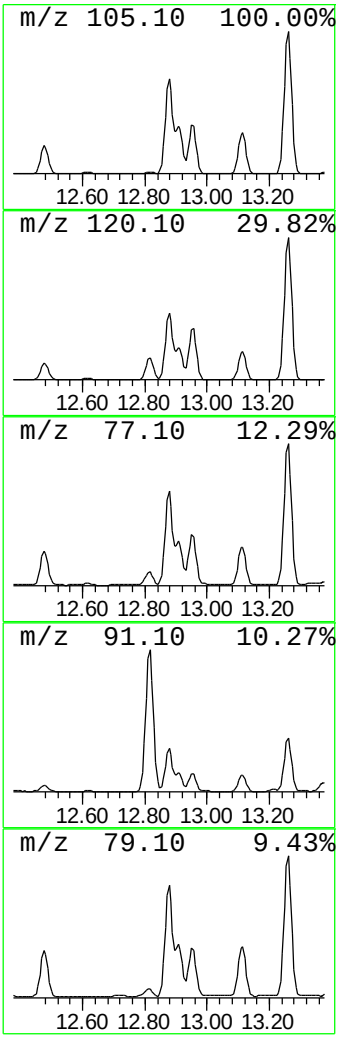
****

Peak Number 6 Benzene, 1-ethyl-3-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.88	131.78 ug/l	6962900	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122318\
Data File : VW007836.D
Acq On : 22 Dec 2018 11:50
Operator : SY/AP
Sample : J6426-17
Misc : 2.20G/5ML/MSVOA_W/SOIL
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : P001-SS013C-3642-01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
Quant Title : SW846 8260

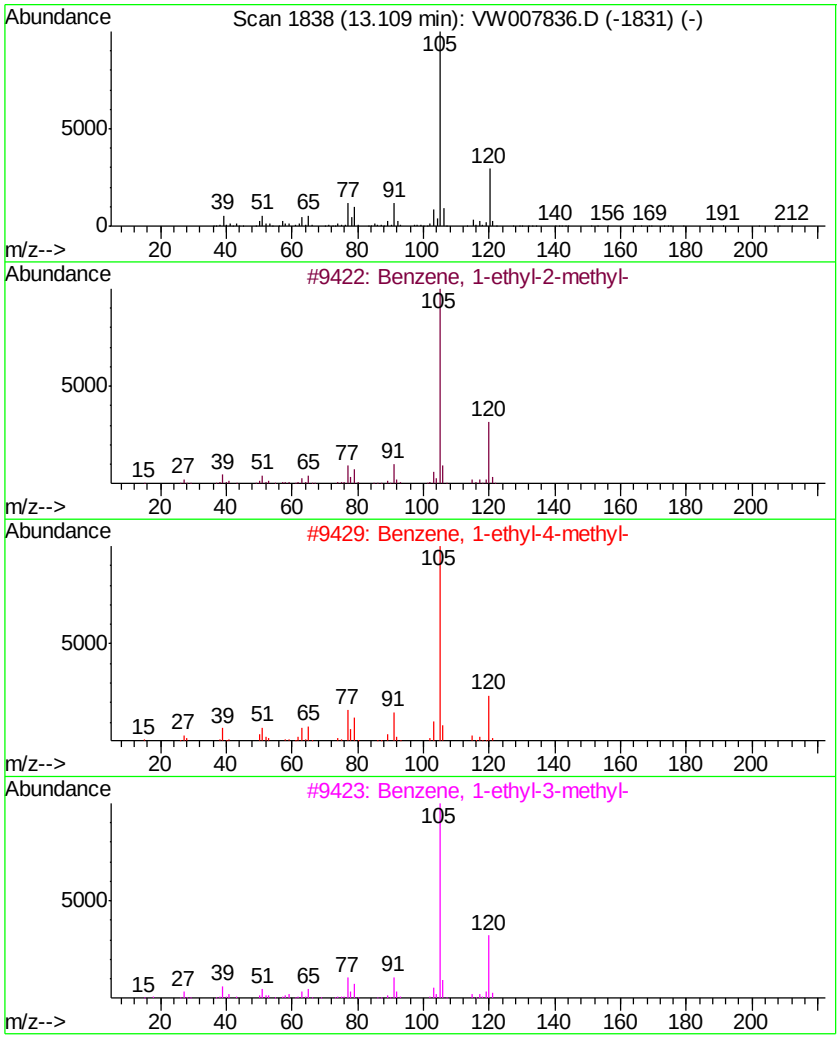
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

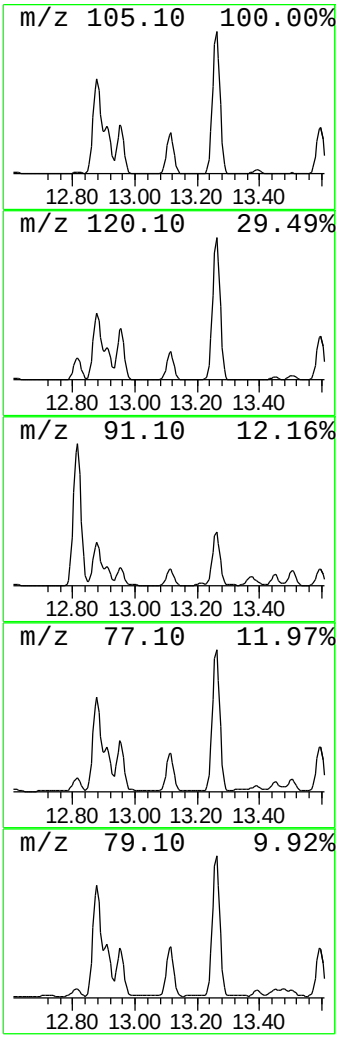
****

Peak Number 7 Benzene, 1-ethyl-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.11	66.32 ug/l	3504120	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122318\
Data File : VW007836.D
Acq On : 22 Dec 2018 11:50
Operator : SY/AP
Sample : J6426-17
Misc : 2.20G/5ML/MSVOA_W/SOIL
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : P001-SS013C-3642-01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
Quant Title : SW846 8260

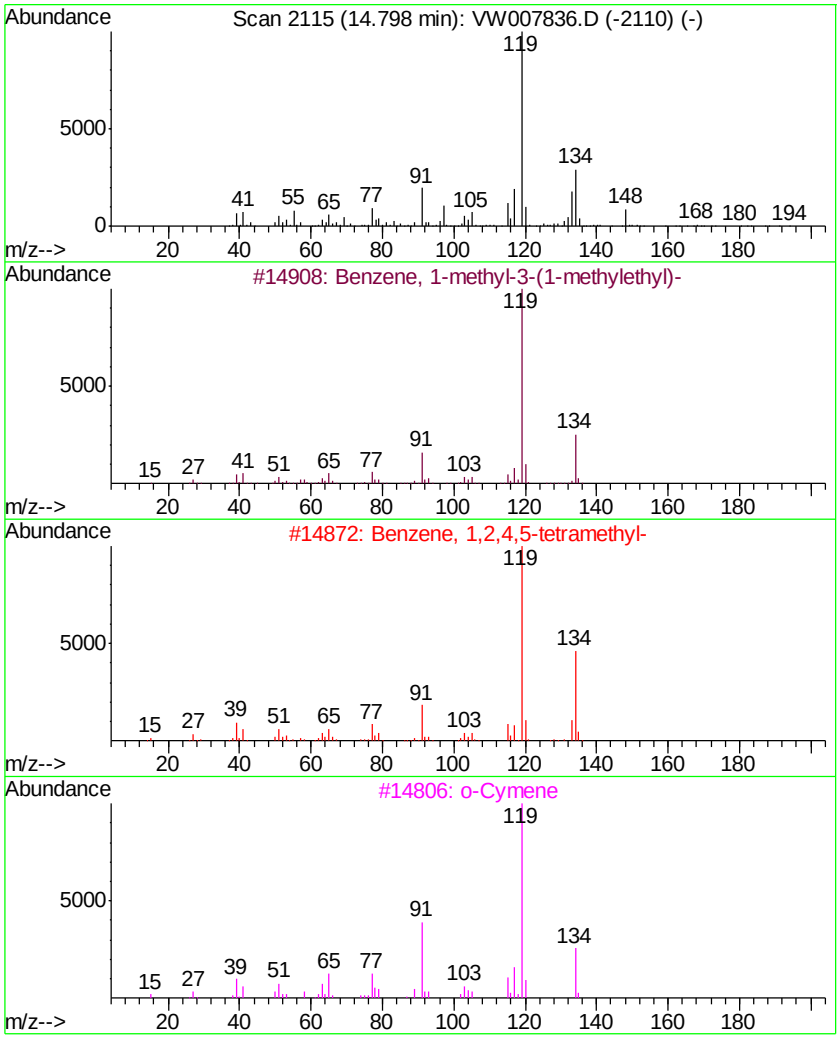
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

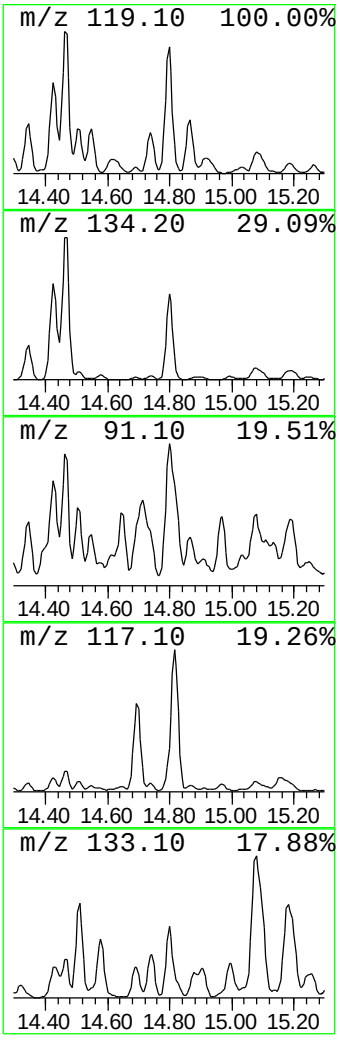
****

Peak Number 9 Benzene, 1-methyl-3-(1-meth... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	60.07 ug/l	3173850	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	60
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	60
3	o-Cymene	134	C10H14	000527-84-4	60
4	p-Cymene	134	C10H14	000099-87-6	55
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	55





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122318\
Data File : VW007836.D
Acq On : 22 Dec 2018 11:50
Operator : SY/AP
Sample : J6426-17
Misc : 2.20G/5ML/MSVOA_W/SOIL
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : P001-SS013C-3642-01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
Quant Title : SW846 8260

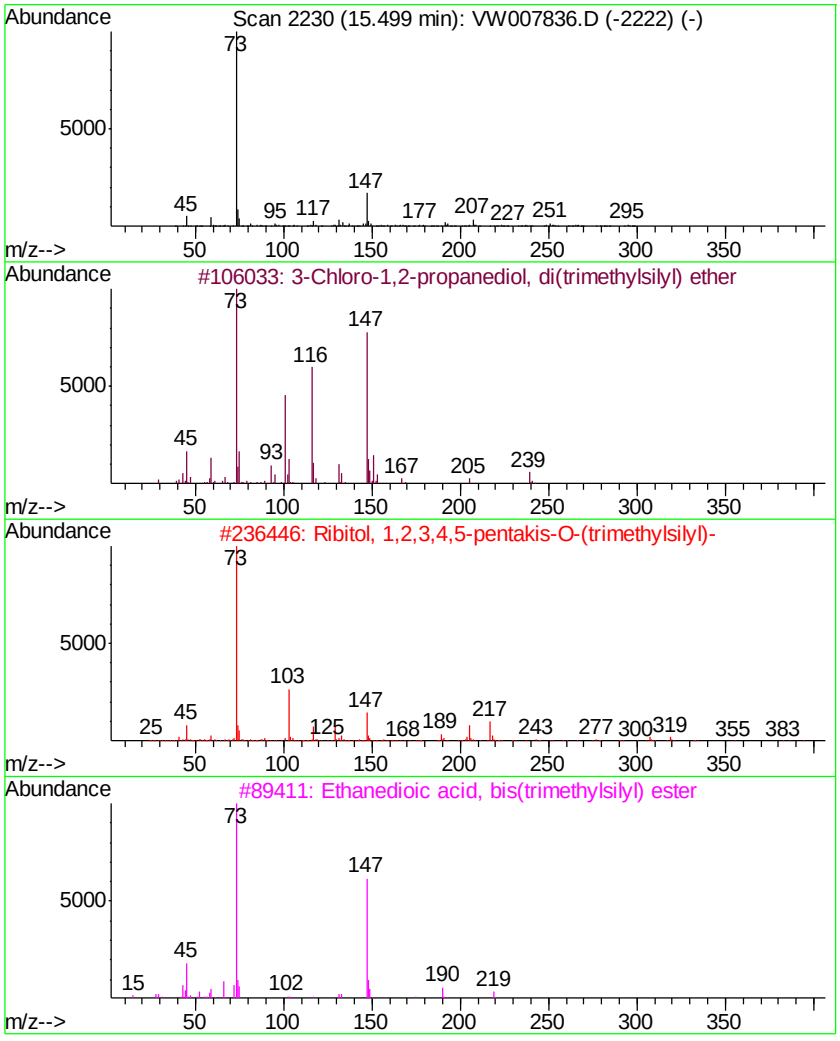
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

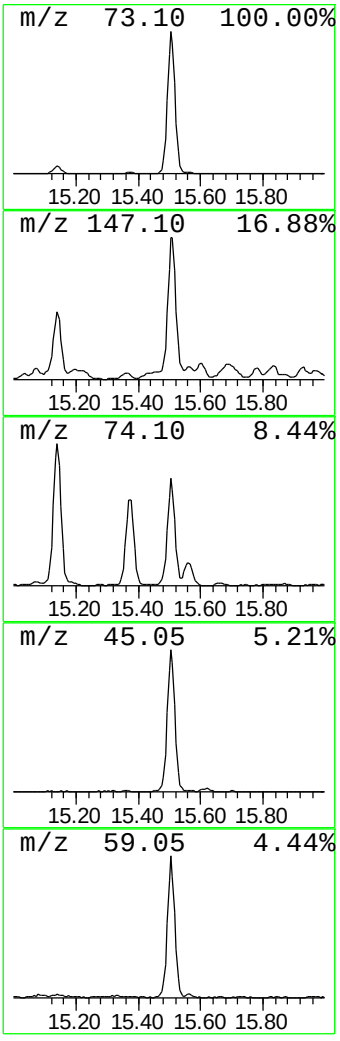
****

Peak Number 10 3-Chloro-1,2-propanediol, d... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.50	47.15 ug/l	2491420	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-1,2-propanediol, di(tri...	254	C9H23ClO2Si2	073639-52-8	53
2	Ribitol, 1,2,3,4,5-pentakis-O-(t...	512	C20H52O5Si5	032381-53-6	42
3	Ethanedioic acid, bis(trimethyls...	234	C8H18O4Si2	018294-04-7	40
4	3-Phenyl-3-trimethylsilyloxyprop...	310	C15H26O3Si2	1000079-40-7	36
5	Lyxose, tetra-(trimethylsilyl)-e...	438	C17H42O5Si4	073745-85-4	36





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122318\
Data File : VW007836.D
Acq On : 22 Dec 2018 11:50
Operator : SY/AP
Sample : J6426-17
Misc : 2.20G/5ML/MSVOA_W/SOIL
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : P001-SS013C-3642-01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.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
Pentane, 2-methyl-	4.98	92.0	ug/l	5251210	1	7.98	2855490	50.0
Pentane, 3-methyl-	5.46	117.2	ug/l	6695290	1	7.98	2855490	50.0
n-Hexane	5.97	261.1	ug/l	14910500	1	7.98	2855490	50.0
Cyclopentane, met...	7.01	177.6	ug/l	10144100	1	7.98	2855490	50.0
Heptane	8.71	50.0	ug/l	1684840	2	8.87	1684840	50.0
Benzene, 1-ethyl-...	12.88	131.8	ug/l	6962900	4	13.57	2641850	50.0
Benzene, 1-ethyl-...	13.11	66.3	ug/l	3504120	4	13.57	2641850	50.0
Benzene, 1-methyl...	14.80	60.1	ug/l	3173850	4	13.57	2641850	50.0
3-Chloro-1,2-prop...	15.50	47.1	ug/l	2491420	4	13.57	2641850	50.0