LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW121718\
Data File : VW007545.D
Acq On : 14 Dec 2018 19:27
Operator : SY/AP
Sample : J6347-20
Misc : 3.00G/5ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : P001-SD001-0006-01

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\82W121118S.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	4.952	478	500	520	rBV	57391	230066	2.86%	1.566%
2	5.434	563	579	601	rBV2	82340	296914	3.69%	2.021%
3	5.934	647	661	676	rBB	103610	312614	3.89%	2.128%
4	6.982	821	833	850	rVB	222964	669444	8.33%	4.558%
5	7.884	971	981	985	rBV	47638	112694	1.40%	0.767%
6	7.952	985	992	1001	rVB2	133110	332710	4.14%	2.265%
7	8.311	1043	1051	1062	rVB2	51401	127649	1.59%	0.869%
8	8.842	1129	1138	1147	rBV	127768	253172	3.15%	1.724%
9	9.335	1203	1219	1233	rBV	126965	279107	3.47%	1.900%
10	10.323	1374	1381	1387	rBV	165751	306714	3.82%	2.088%
11	10.390	1387	1392	1398	rVB	119041	211562	2.63%	1.440%
12	11.634	1590	1596	1598	rBV	129156	222740	2.77%	1.516%
13	11.835	1621	1629	1642	rBV	4520097	8038003	100.00%	54.723%
14	12.170	1676	1684	1702	rVB	527394	964085	11.99%	6.564%
15	12.615	1751	1757	1764	rBV2	110732	194957	2.43%	1.327%
16	12.871	1793	1799	1803	rBV	111299	203452	2.53%	1.385%
17	12.945	1807	1811	1818	rVB	101620	186516	2.32%	1.270%
18	13.109	1831	1838	1846	rBV4	33640	100170	1.25%	0.682%
19	13.255	1856	1862	1867	rBV	270198	421863	5.25%	2.872%
20	13.359	1868	1879	1889	rVV4	39797	174643	2.17%	1.189%
21	13.499	1897	1902	1908	rVB2	63245	119948	1.49%	0.817%
22	13.585	1908	1916	1924	rVB3	361399	720804	8.97%	4.907%
23	13.792	1947	1950	1960	rVB3	46149	98413	1.22%	0.670%
24	14.097	1994	2000	2007	rVB3	45323	110221	1.37%	0.750%

Sum of corrected areas: 14688461

LSC Report - Integrated Chromatogram

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW121718\
Data File : VW007545.D
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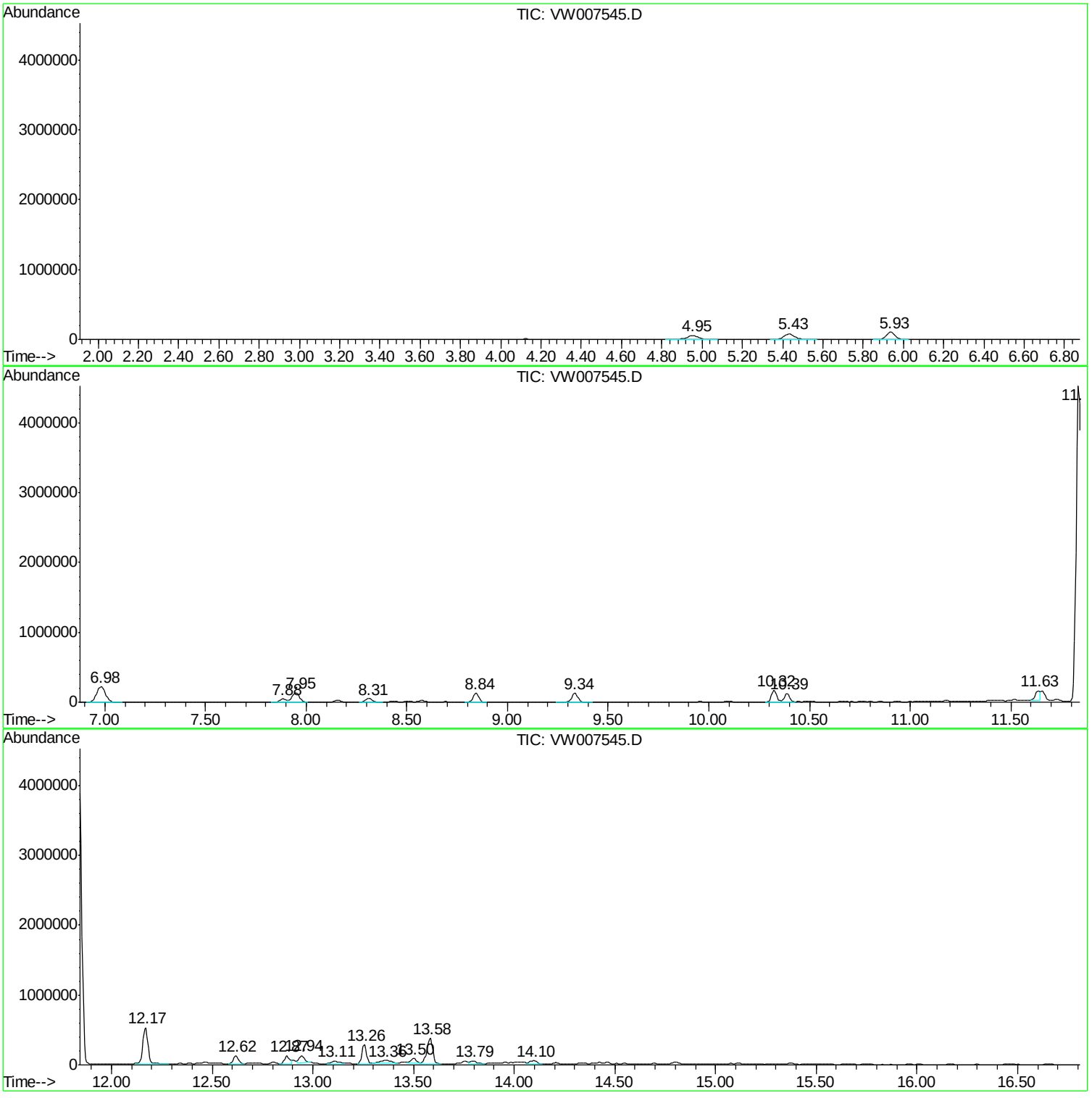
Operator : SY/AP
Sample : J6347-20
Misc : 3.00G/5ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
P001-SD001-0006-01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.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\VW121718\
Data File : VW007545.D
Acq On : 14 Dec 2018 19:27
Operator : SY/AP
Sample : J6347-20
Misc : 3.00G/5ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : P001-SD001-0006-01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
Quant Title : SW846 8260

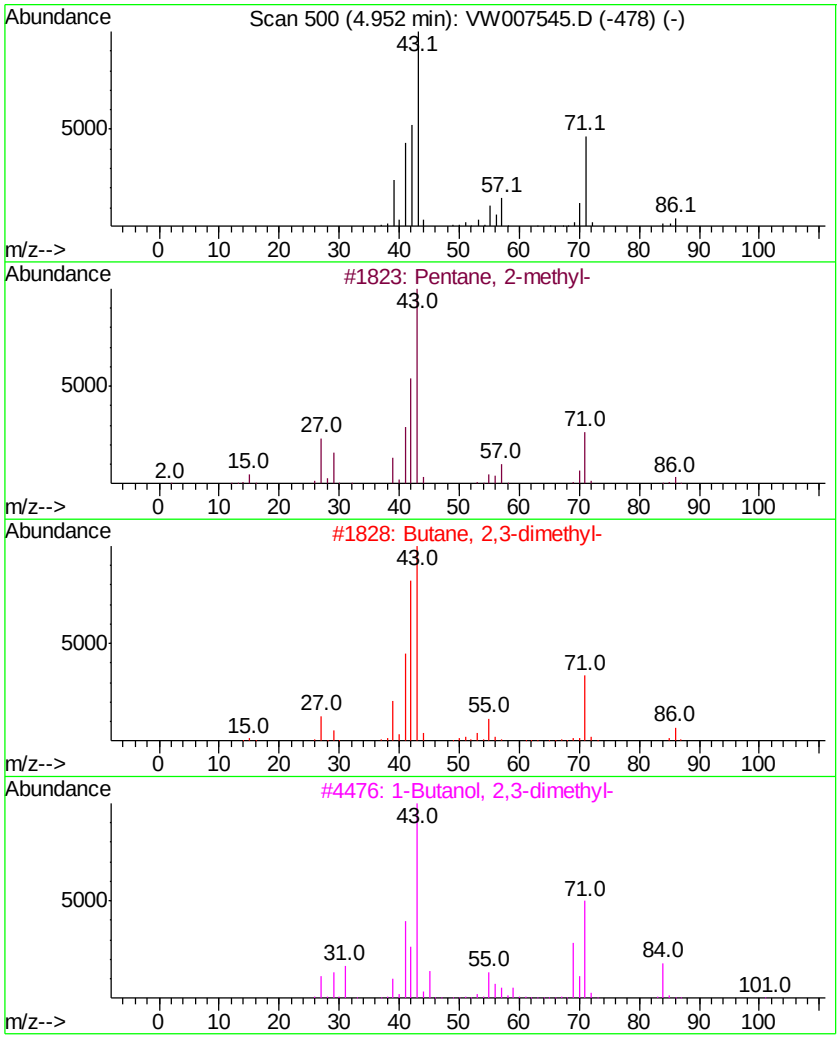
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

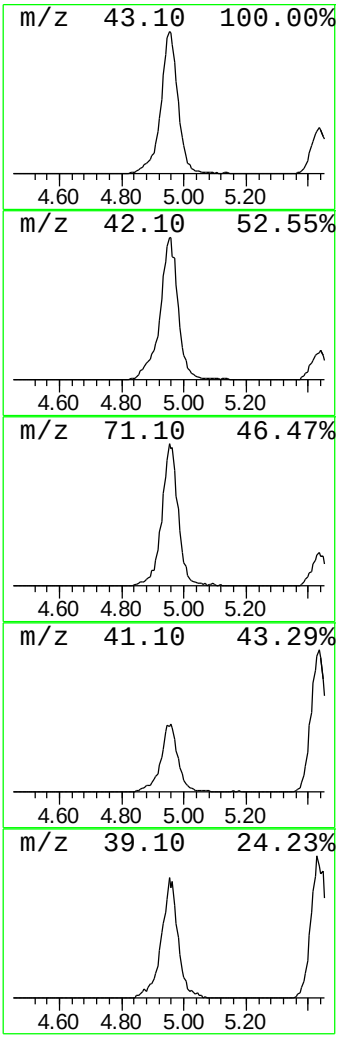
****

Peak Number 1 Pentane, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.95	34.57 ug/l	230066	Pentafluorobenzene	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	90
2	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	64
3	1-Butanol, 2,3-dimethyl-	102	C6H14O	019550-30-2	45
4	Pentane	72	C5H12	000109-66-0	38
5	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	38





Library Search Compound Report

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Data File : VW007545.D
Acq On : 14 Dec 2018 19:27
Operator : SY/AP
Sample : J6347-20
Misc : 3.00G/5ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : P001-SD001-0006-01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
Quant Title : SW846 8260

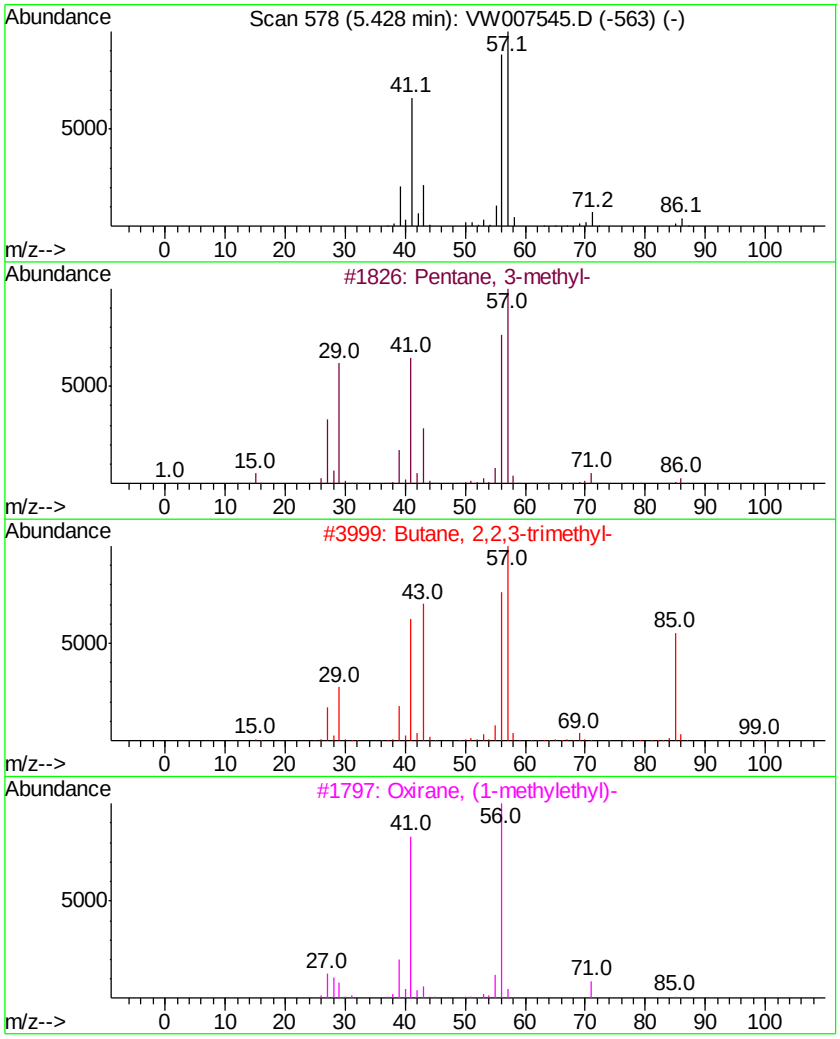
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

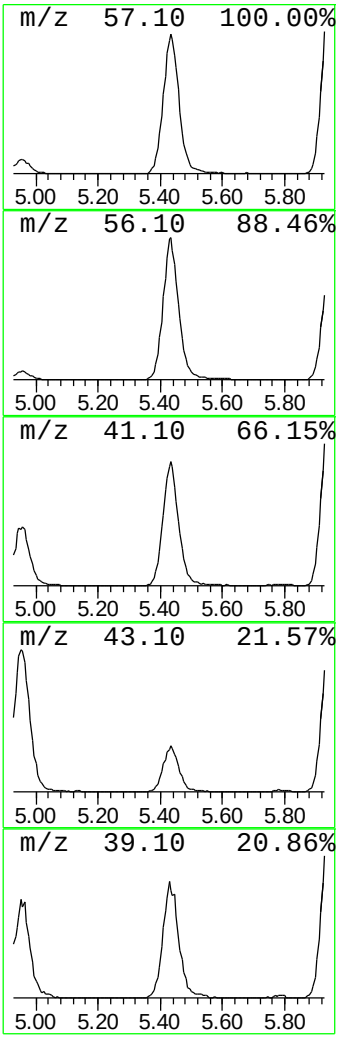
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.43	44.62 ug/l	296914	Pentafluorobenzene	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
2	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	64
3	Oxirane, (1-methylethyl)-	86	C5H10O	001438-14-8	64
4	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	45
5	Hexane, 3,4-dimethyl-	114	C8H18	000583-48-2	43





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW121718\
Data File : VW007545.D
Acq On : 14 Dec 2018 19:27
Operator : SY/AP
Sample : J6347-20
Misc : 3.00G/5ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : P001-SD001-0006-01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
Quant Title : SW846 8260

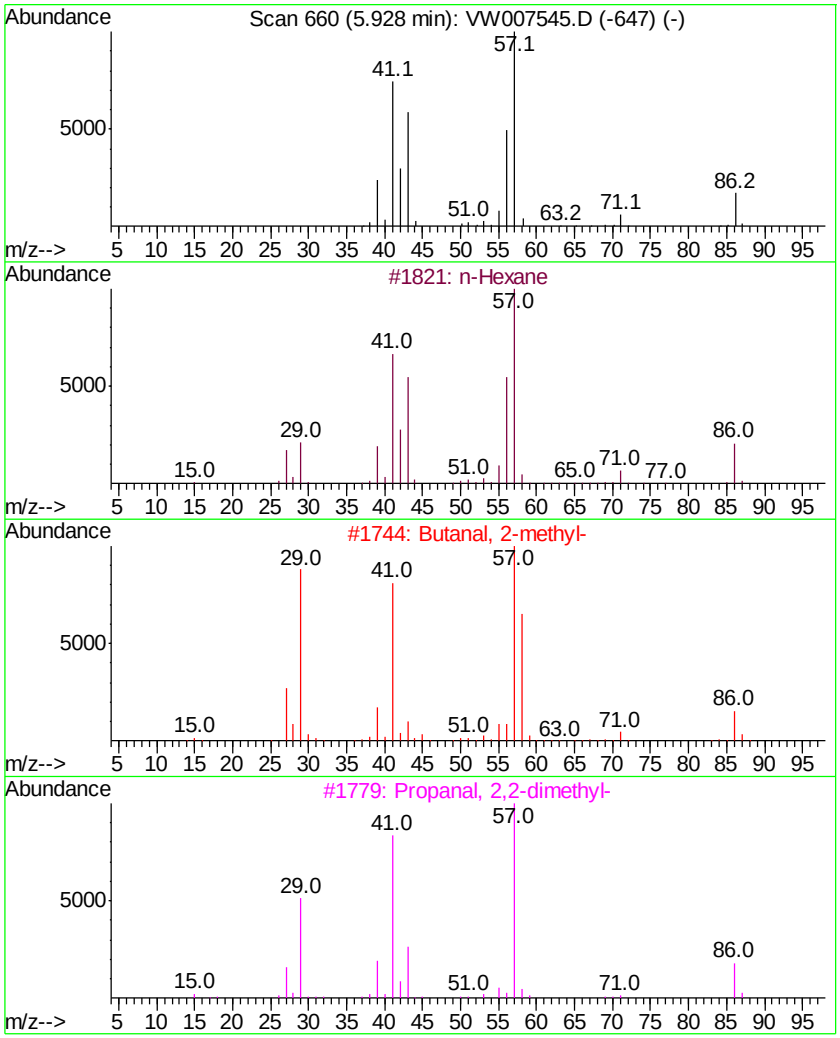
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

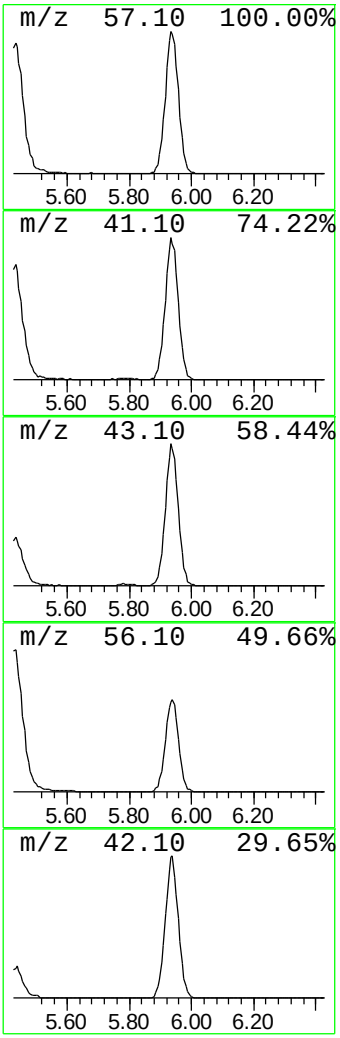
****

Peak Number 3 n-Hexane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	46.98 ug/l	312614	Pentafluorobenzene	7.95

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	43
3	Propanal, 2,2-dimethyl-	86	C5H10O	000630-19-3	43
4	Propane, 2-methyl-2-nitro-	103	C4H9NO2	000594-70-7	38
5	Tetradecane, 2,2-dimethyl-	226	C16H34	059222-86-5	37





Library Search Compound Report

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Data File : VW007545.D
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Operator : SY/AP
Sample : J6347-20
Misc : 3.00G/5ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : P001-SD001-0006-01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
Quant Title : SW846 8260

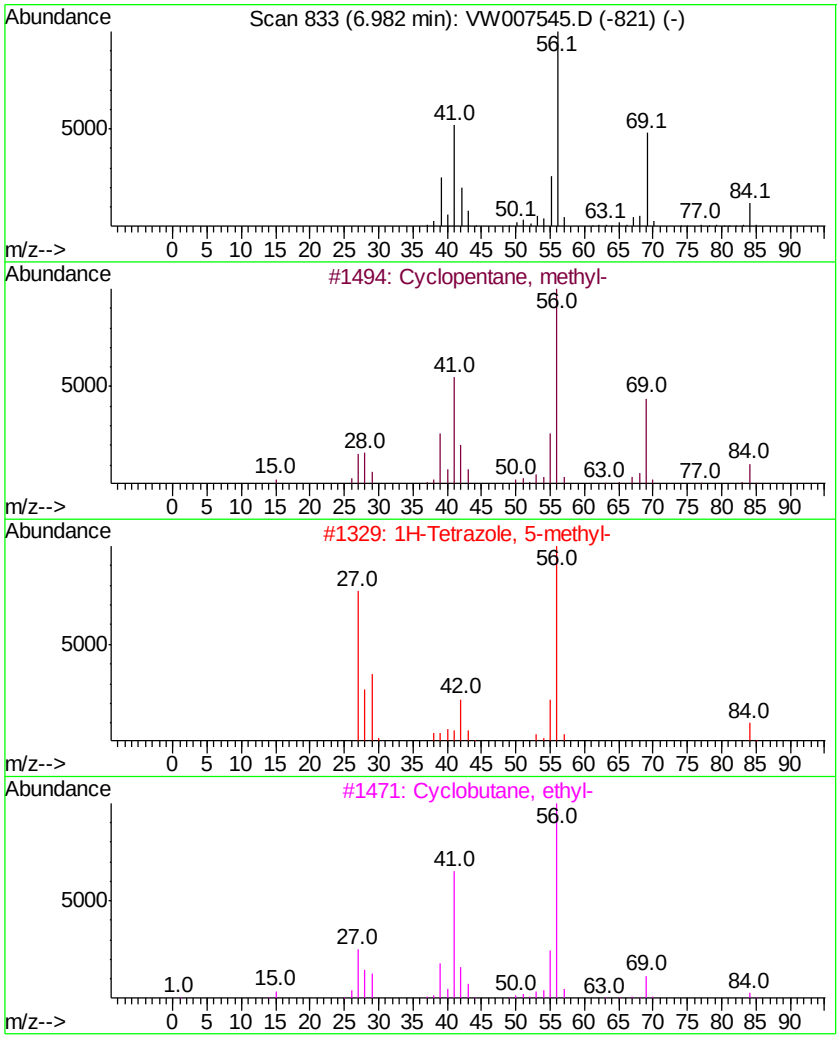
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

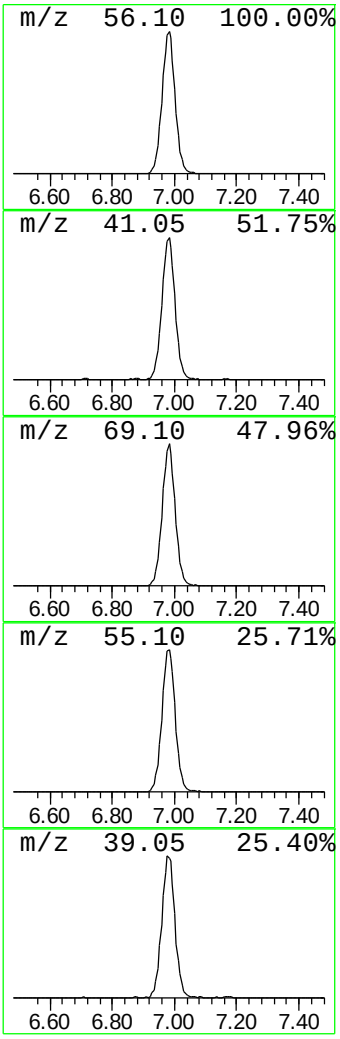
****

Peak Number 4 Cyclopentane, methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.98	100.61 ug/l	669444	Pentafluorobenzene	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	94
2	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	80
3	Cyclobutane, ethyl-	84	C6H12	004806-61-5	64
4	2H-Pyran-2,6(3H)-dione, dihydro-...	142	C7H10O3	004160-82-1	59
5	Cyclohexane	84	C6H12	000110-82-7	50





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Sample : J6347-20
Misc : 3.00G/5ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : P001-SD001-0006-01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
Quant Title : SW846 8260

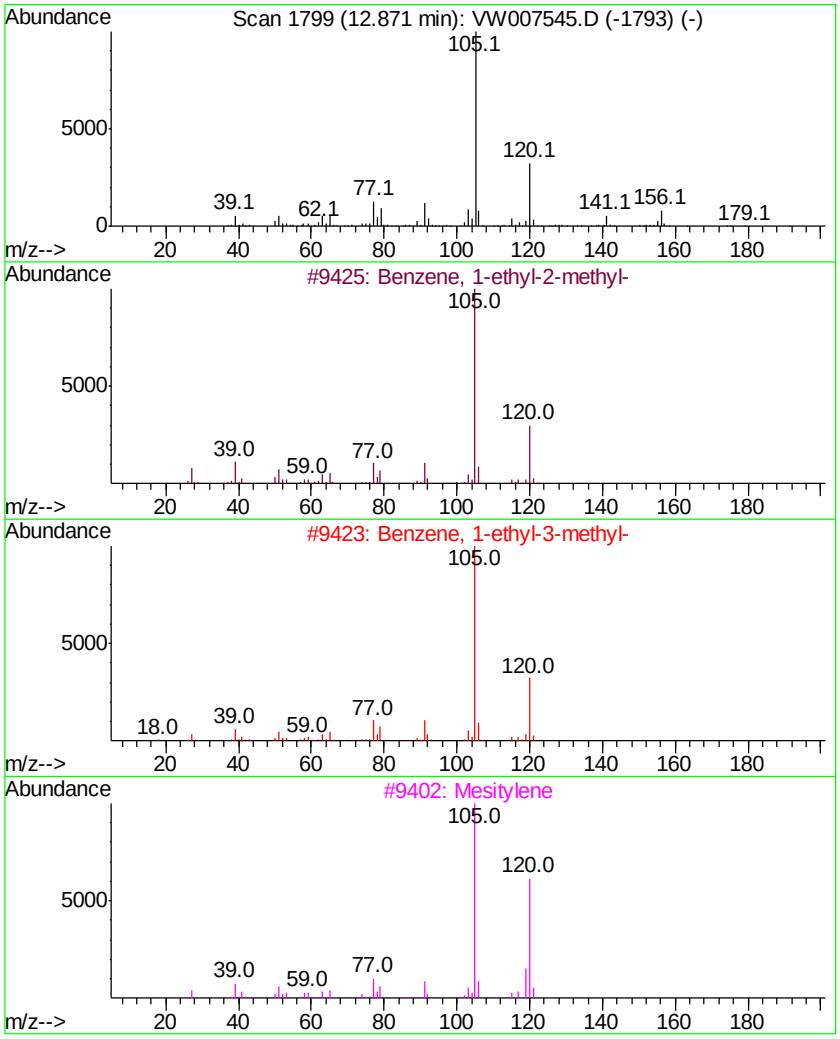
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

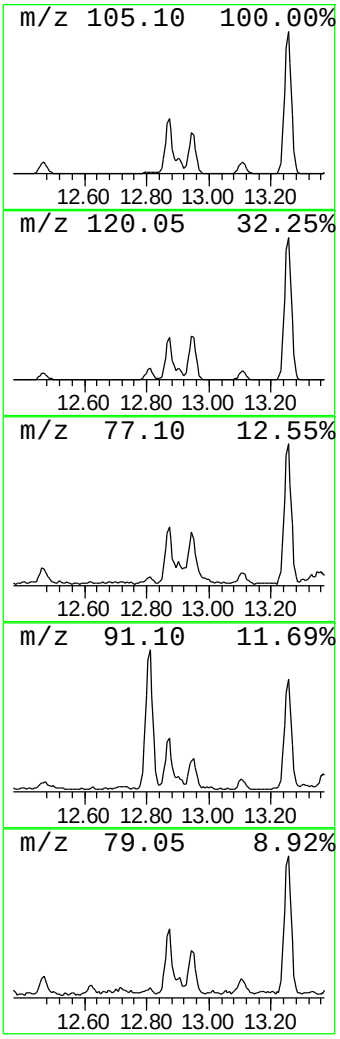
****

Peak Number 5 Benzene, 1-ethyl-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	14.11 ug/l	203452	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	93
3	Mesitylene	120	C9H12	000108-67-8	87
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	87





Library Search Compound Report

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ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : P001-SD001-0006-01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
Quant Title : SW846 8260

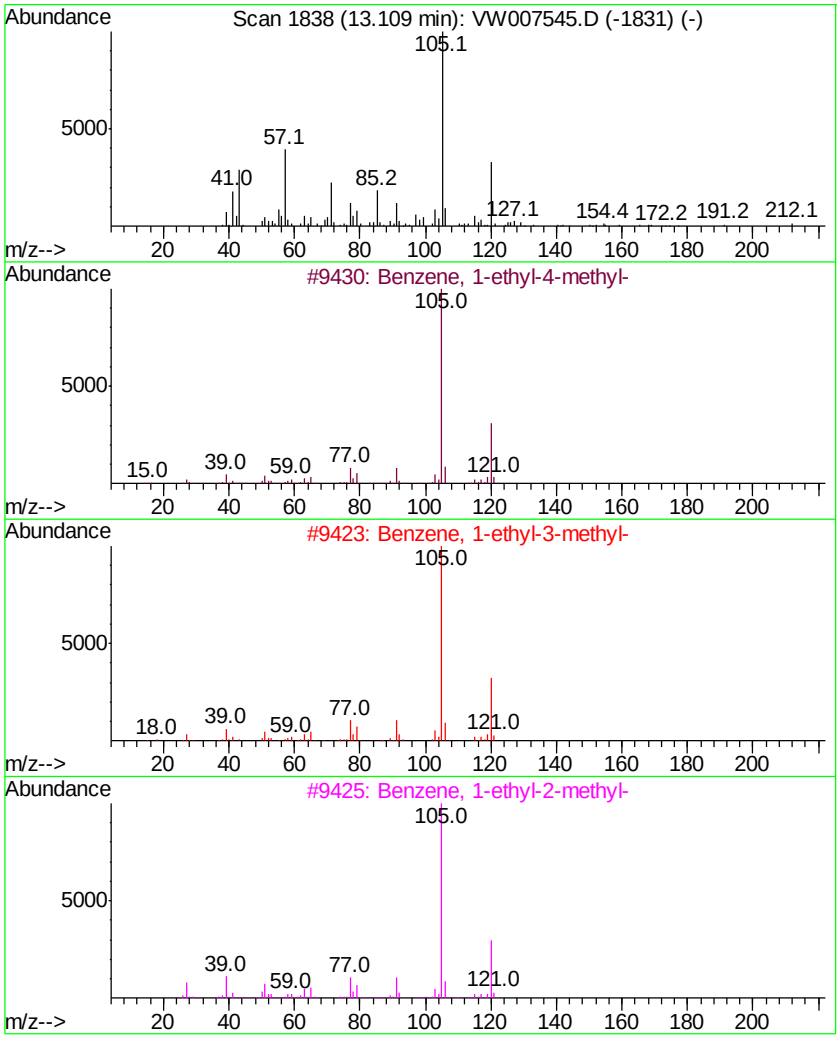
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

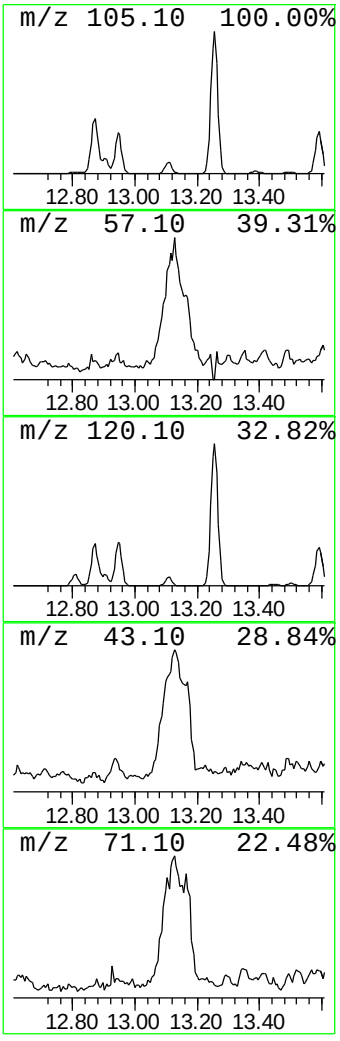
****

Peak Number 6 Benzene, 1-ethyl-4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.11	6.95 ug/l	100170	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	60
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	60
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	60
4	Mesitylene	120	C9H12	000108-67-8	60
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	55





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Sample : J6347-20
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ALS Vial : 22 Sample Multiplier: 1

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ClientSampleId : P001-SD001-0006-01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
Quant Title : SW846 8260

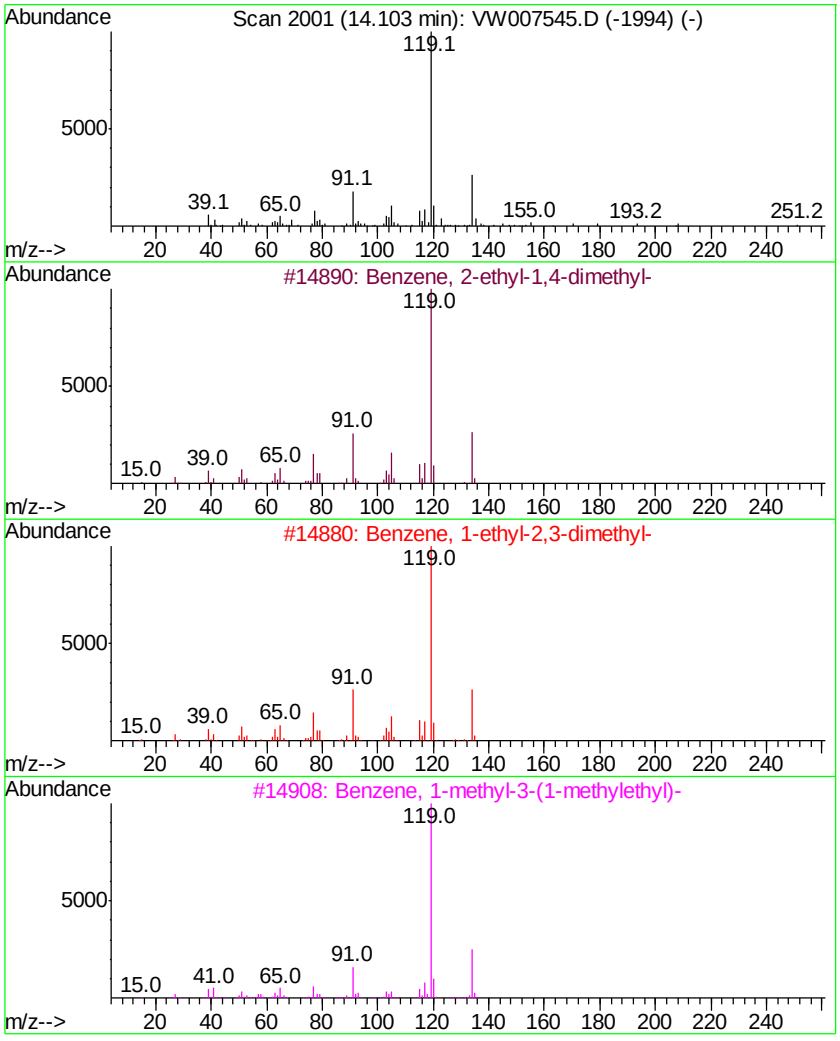
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

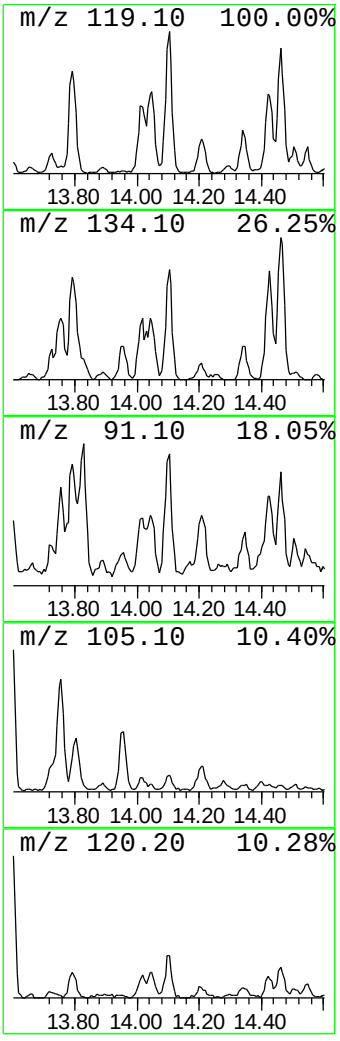
****

Peak Number 7 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	7.65 ug/l	110221	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93
5	o-Cymene	134	C10H14	000527-84-4	93





Tentatively Identified Compound (LSC) summary

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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-	4.95	34.6	ug/l	230066	1	7.95	332710	50.0
Pentane, 3-methyl-	5.43	44.6	ug/l	296914	1	7.95	332710	50.0
n-Hexane	5.93	47.0	ug/l	312614	1	7.95	332710	50.0
Cyclopentane, met...	6.98	100.6	ug/l	669444	1	7.95	332710	50.0
Benzene, 1-ethyl-...	12.87	14.1	ug/l	203452	4	13.56	720804	50.0
Benzene, 1-ethyl-...	13.11	7.0	ug/l	100170	4	13.56	720804	50.0
Benzene, 2-ethyl-...	14.10	7.7	ug/l	110221	4	13.56	720804	50.0