LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011819\
Data File : VX007137.D
Acq On : 18 Jan 2019 16:15
Operator : JC/SP
Sample : K1195-04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SS037MW036-190116

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_X\METHOD\82X010819W.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	5.507	700	714	726	rBV	304865	879852	6.95%	2.468%
2	5.665	729	740	759	rVB2	529615	1508728	11.91%	4.232%
3	6.068	796	806	816	rBV	314869	817001	6.45%	2.292%
4	6.348	843	852	862	rVB2	115342	341019	2.69%	0.957%
5	6.860	925	936	951	rBV	786566	1844522	14.56%	5.174%
6	8.055	1121	1132	1141	rVB	154974	327767	2.59%	0.919%
7	8.177	1144	1152	1160	rBV	364222	693983	5.48%	1.947%
8	8.713	1225	1240	1250	rBV	1649302	2694682	21.27%	7.558%
9	10.140	1464	1474	1480	rBV2	7750314	12666967	100.00%	35.529%
10	10.335	1501	1506	1511	rBV3	74298	127823	1.01%	0.359%
11	10.658	1545	1559	1564	rBV4	98981	261944	2.07%	0.735%
12	11.067	1621	1626	1632	rVB3	83080	145630	1.15%	0.408%
13	11.134	1632	1637	1642	rBV	1421952	1833091	14.47%	5.142%
14	11.670	1717	1725	1732	rBV2	106095	168967	1.33%	0.474%
15	11.768	1732	1741	1745	rBV	222619	301623	2.38%	0.846%
16	11.920	1758	1766	1768	rBV2	181556	304855	2.41%	0.855%
17	11.945	1768	1770	1775	rVB	159577	178748	1.41%	0.501%
18	12.079	1787	1792	1798	rBV	1880884	2361895	18.65%	6.625%
19	12.231	1812	1817	1823	rVV	778052	919244	7.26%	2.578%
20	12.298	1823	1828	1833	rVV	524673	640179	5.05%	1.796%
21	12.365	1835	1839	1849	rVB3	84430	154492	1.22%	0.433%
22	12.664	1878	1888	1891	rBV	299166	416564	3.29%	1.168%
23	12.701	1891	1894	1899	rVV2	276334	497198	3.93%	1.395%
24	12.755	1899	1903	1910	rVV2	1680099	2540637	20.06%	7.126%
25	12.816	1910	1913	1918	rVV	129829	162999	1.29%	0.457%
26	12.896	1922	1926	1931	rVB	560946	706777	5.58%	1.982%
27	12.957	1931	1936	1937	rBV2	148047	171300	1.35%	0.480%
28	12.975	1937	1939	1944	rVB	189449	221787	1.75%	0.622%
29	13.091	1952	1958	1962	rVB2	152650	213600	1.69%	0.599%
30	13.188	1971	1974	1978	rBV	144153	172824	1.36%	0.485%
31	13.249	1978	1984	1988	rVB2	134214	181975	1.44%	0.510%
32	13.347	1996	2000	2004	rVB2	408182	527188	4.16%	1.479%
33	13.402	2004	2009	2014	rVB	411980	509174	4.02%	1.428%
34	13.481	2014	2022	2027	rBV4	80707	157415	1.24%	0.442%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011819\
Data File : VX007137.D
Acq On : 18 Jan 2019 16:15
Operator : JC/SP
Sample : K1195-04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SS037MW036-190116

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_X\METHOD\82X010819W.M
Title : SW846 8260

Sum of corrected areas: 35652450

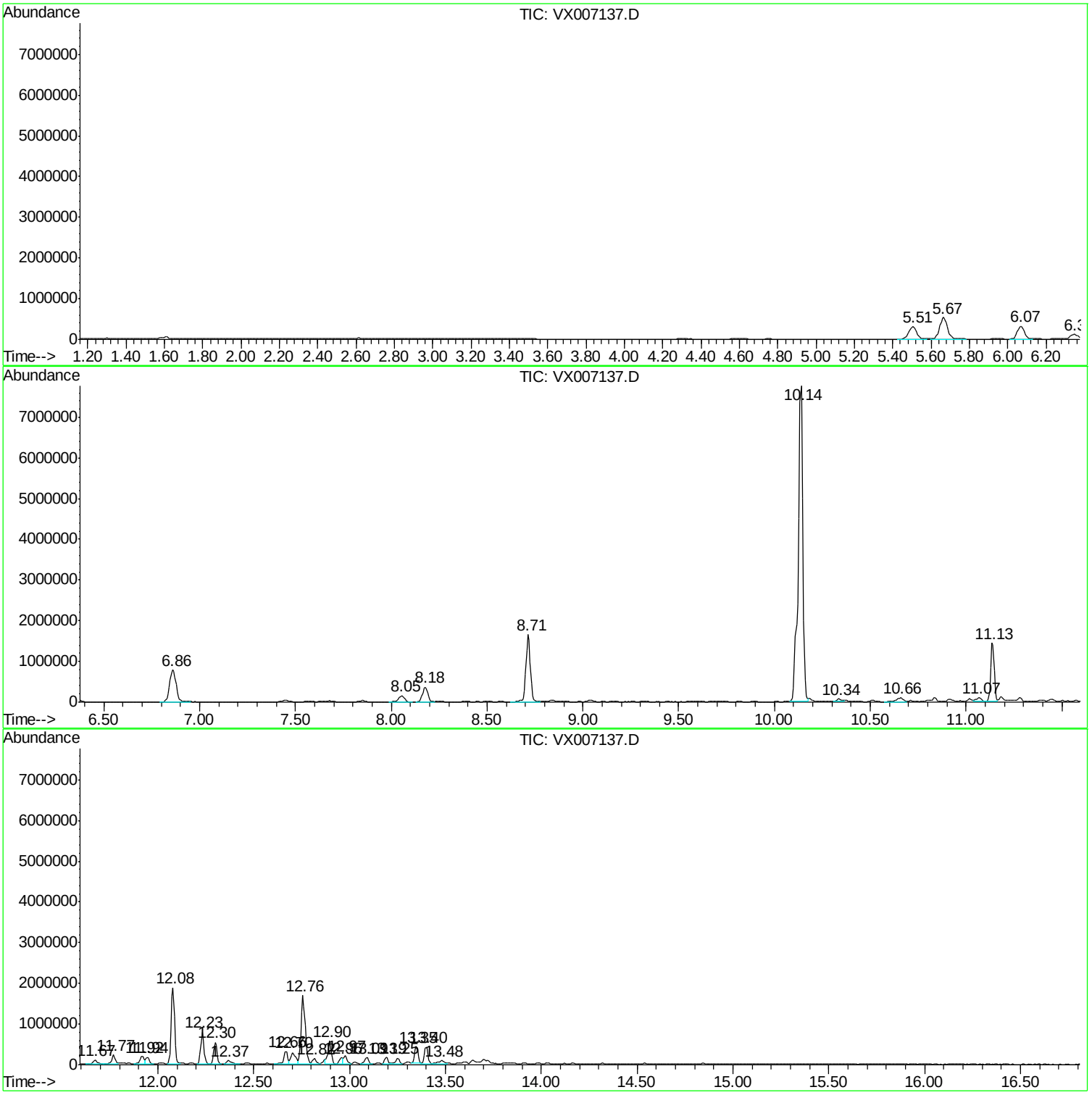
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX011819\
Data File : VX007137.D
Acq On : 18 Jan 2019 16:15
Operator : JC/SP
Sample : K1195-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SS037MW036-190116

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX011819\
Data File : VX007137.D
Acq On : 18 Jan 2019 16:15
Operator : JC/SP
Sample : K1195-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SS037MW036-190116

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260

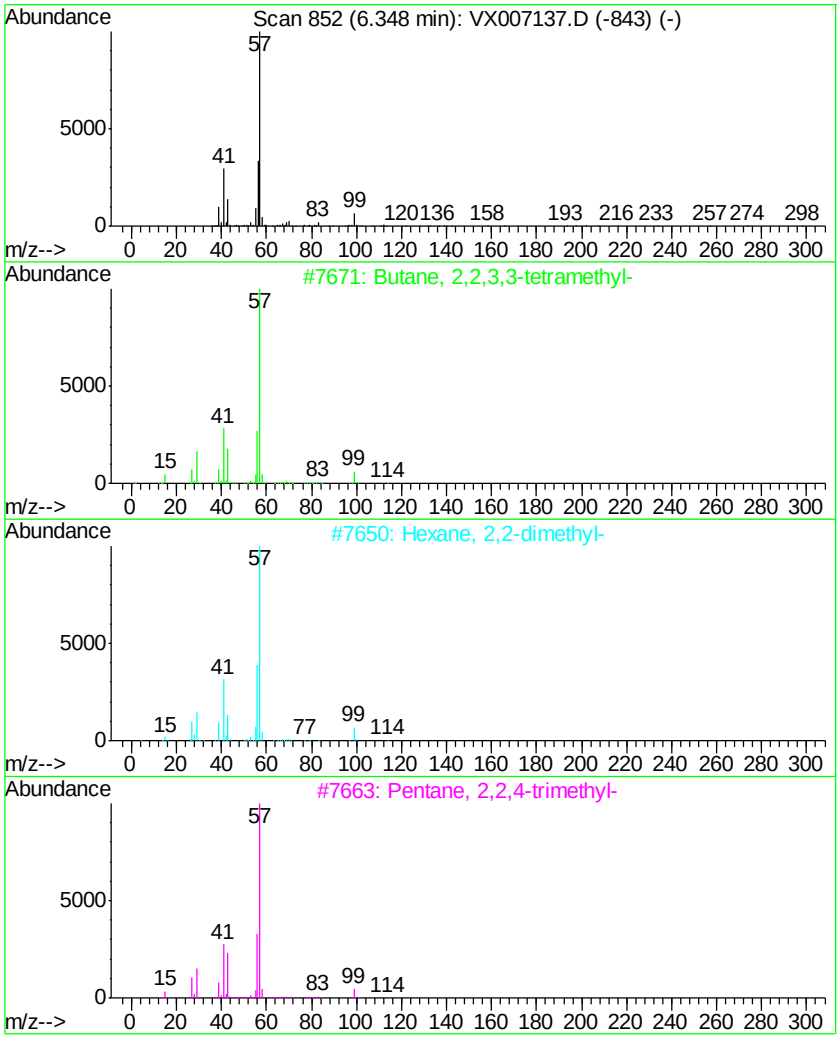
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

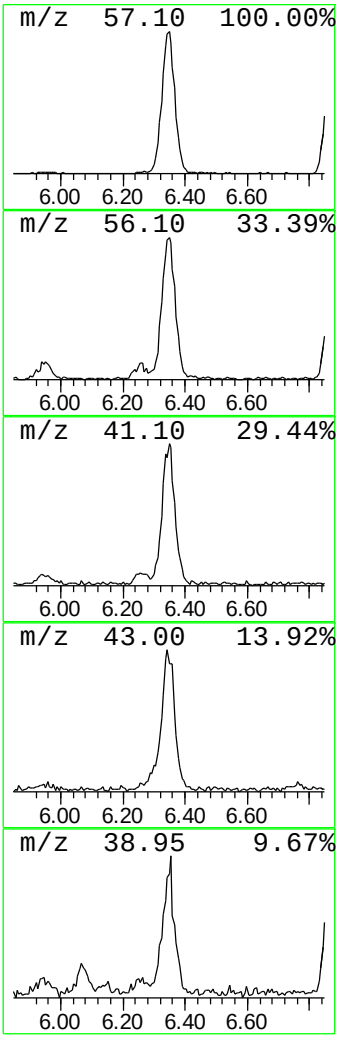
****

Peak Number 1 Butane, 2,2,3,3-tetramethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.35	9.24 ug/l	341019	1,4-Difluorobenzene	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	64
2	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	64
3	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	64
4	Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	59
5	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	53





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX011819\
Data File : VX007137.D
Acq On : 18 Jan 2019 16:15
Operator : JC/SP
Sample : K1195-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SS037MW036-190116

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260

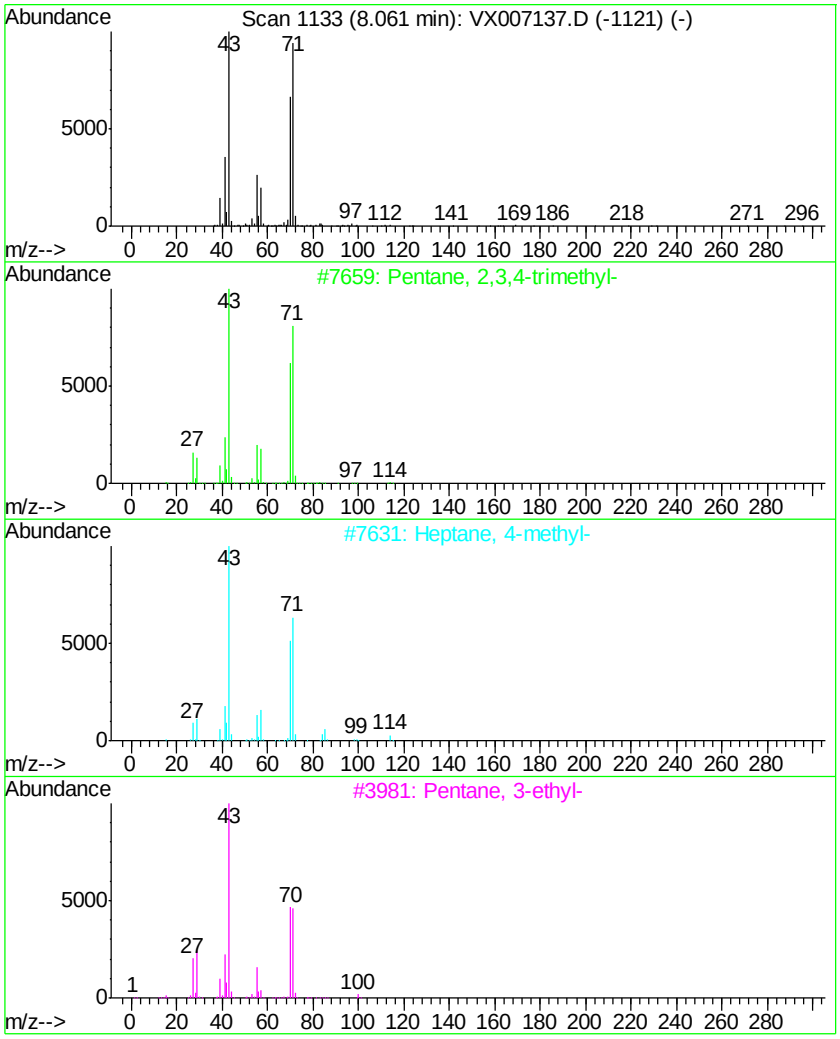
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

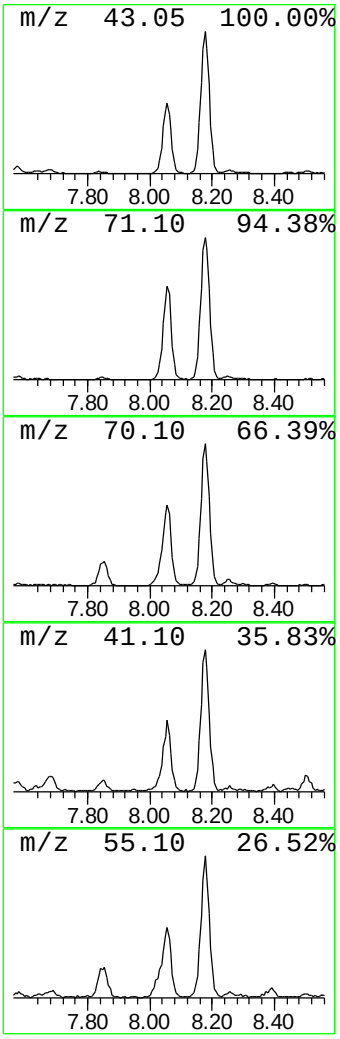
****

Peak Number 2 Pentane, 2,3,4-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.06	8.88 ug/l	327767	1,4-Difluorobenzene	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	91
2	Heptane, 4-methyl-	114	C8H18	000589-53-7	83
3	Pentane, 3-ethyl-	100	C7H16	000617-78-7	83
4	Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	78
5	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	72





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX011819\
Data File : VX007137.D
Acq On : 18 Jan 2019 16:15
Operator : JC/SP
Sample : K1195-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SS037MW036-190116

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260

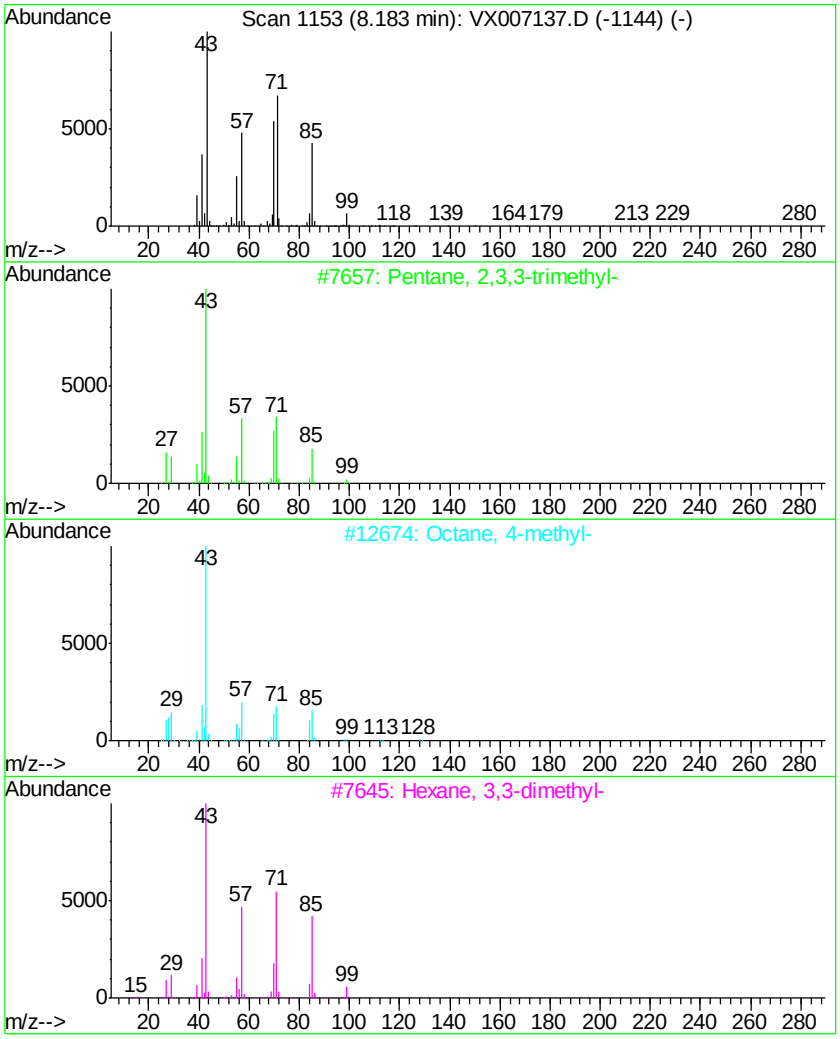
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

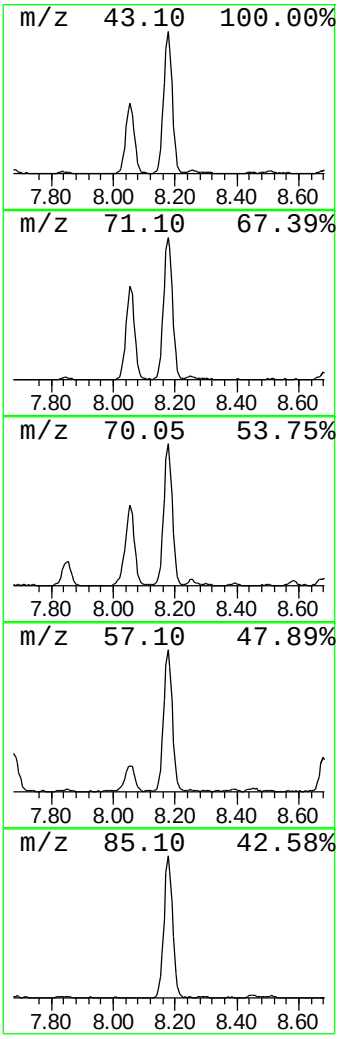
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.18	18.81 ug/l	693983	1,4-Difluorobenzene	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	83
2	Octane, 4-methyl-	128	C9H20	002216-34-4	78
3	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	64
4	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	64
5	Heptane, 3,3,4-trimethyl-	142	C10H22	020278-87-9	53





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011819\
Data File : VX007137.D
Acq On : 18 Jan 2019 16:15
Operator : JC/SP
Sample : K1195-04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SS037MW036-190116

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260

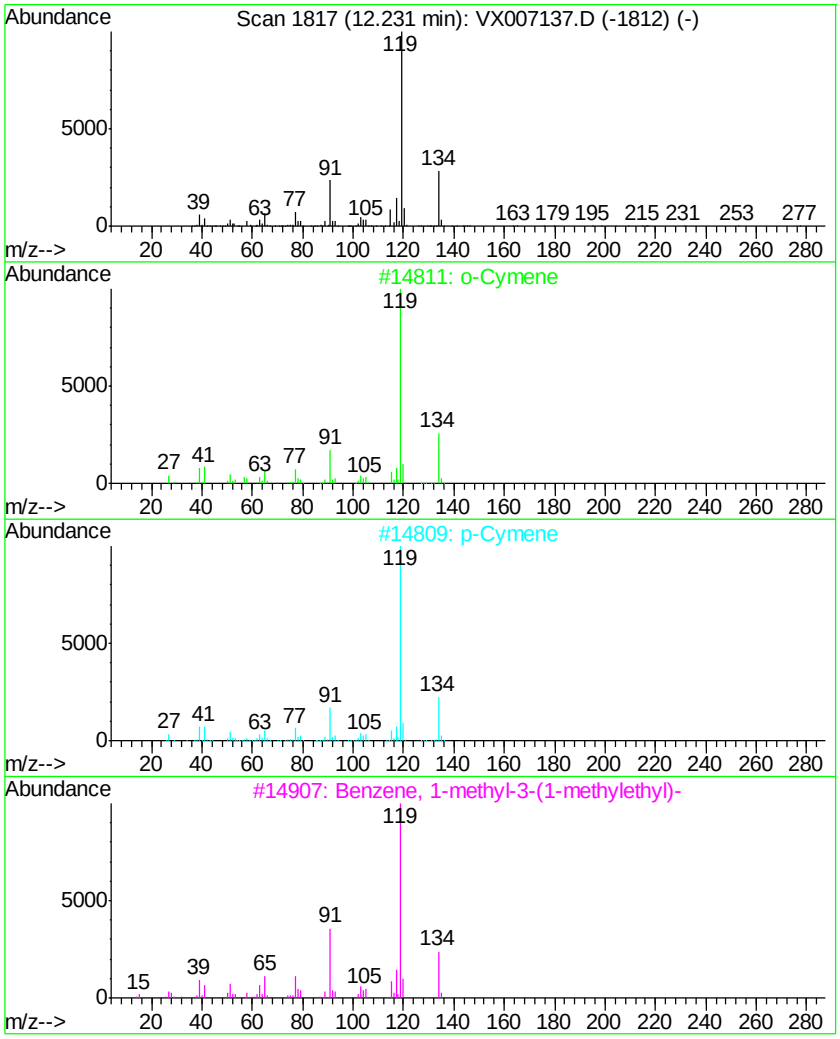
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

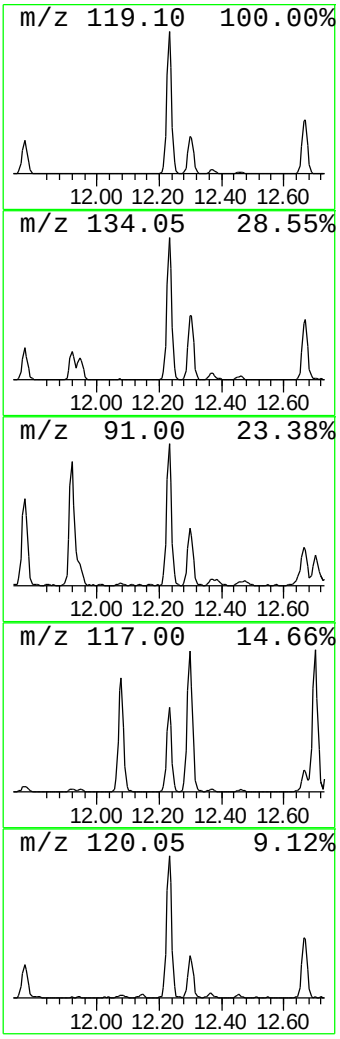
****

Peak Number 4 o-Cymene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.23	19.46 ug/l	919244	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	97
2	p-Cymene	134	C10H14	000099-87-6	97
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX011819\
Data File : VX007137.D
Acq On : 18 Jan 2019 16:15
Operator : JC/SP
Sample : K1195-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SS037MW036-190116

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260

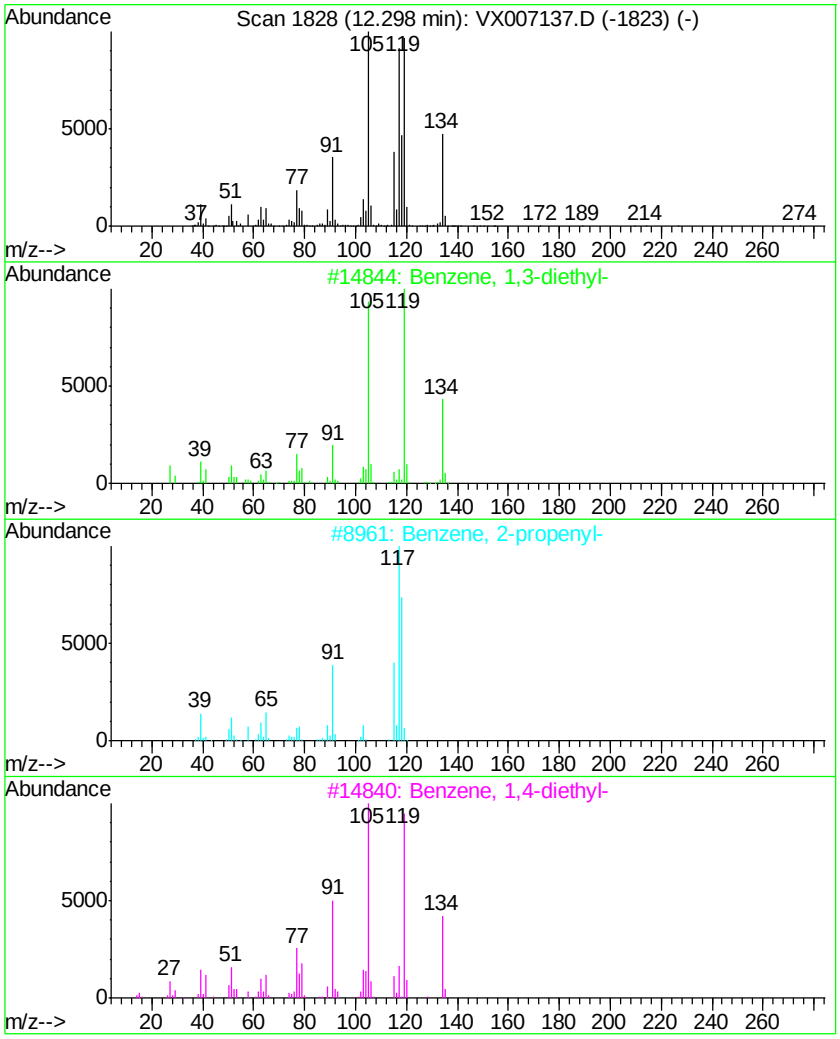
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

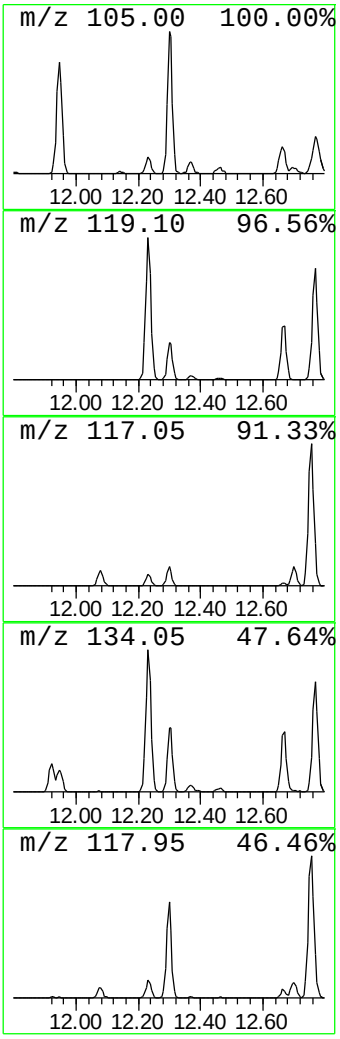
****

Peak Number 5 Benzene, 1,3-diethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	13.55 ug/l	640179	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	90
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	80
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	60
4	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	60
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	49





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011819\
Data File : VX007137.D
Acq On : 18 Jan 2019 16:15
Operator : JC/SP
Sample : K1195-04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SS037MW036-190116

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260

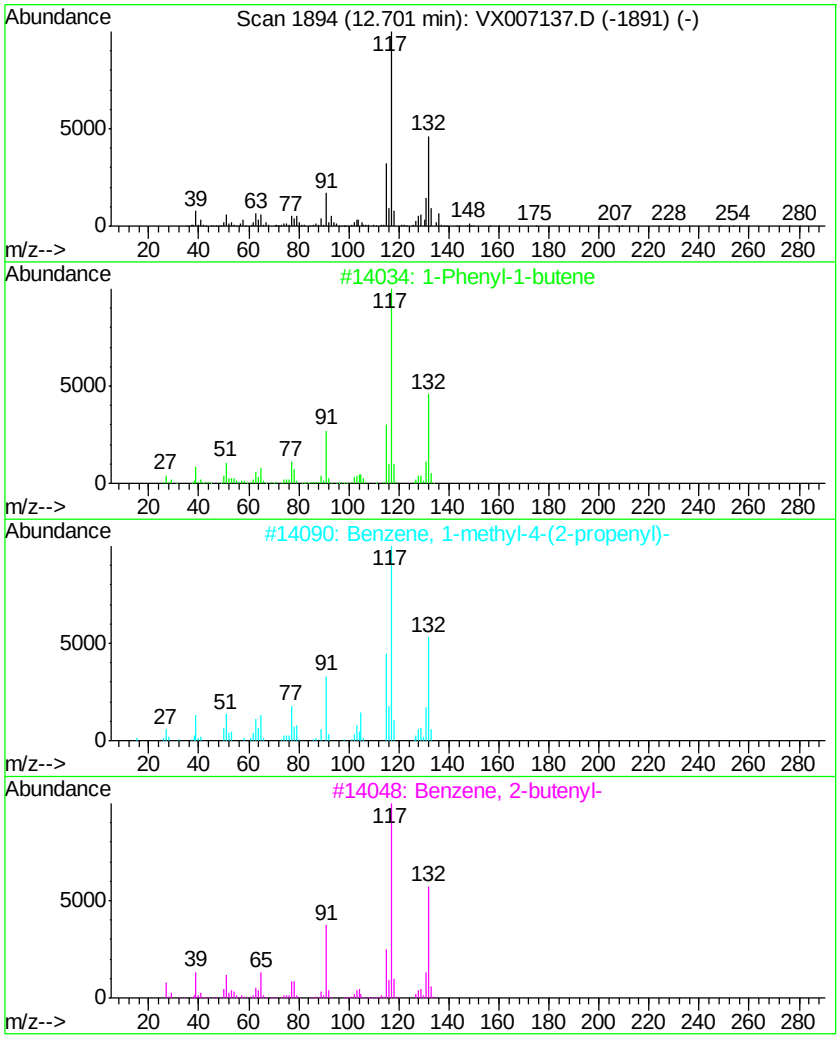
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

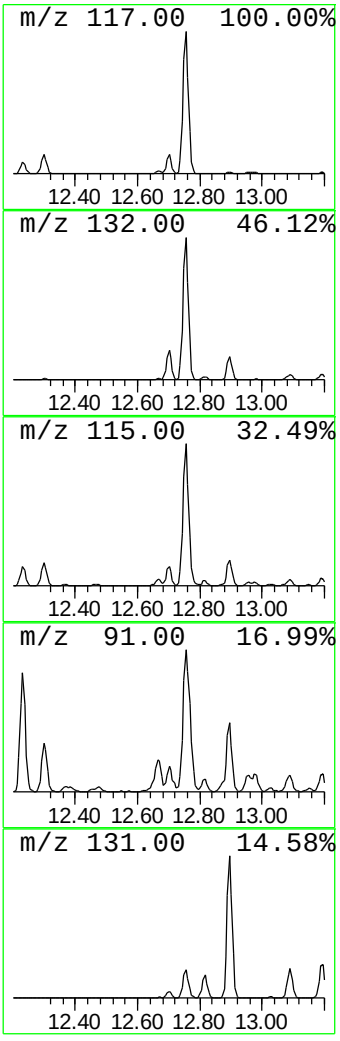
****

Peak Number 6 1-Phenyl-1-butene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	10.53 ug/l	497198	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	90
2	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	87
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	86
4	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	81
5	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	80





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011819\
Data File : VX007137.D
Acq On : 18 Jan 2019 16:15
Operator : JC/SP
Sample : K1195-04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SS037MW036-190116

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260

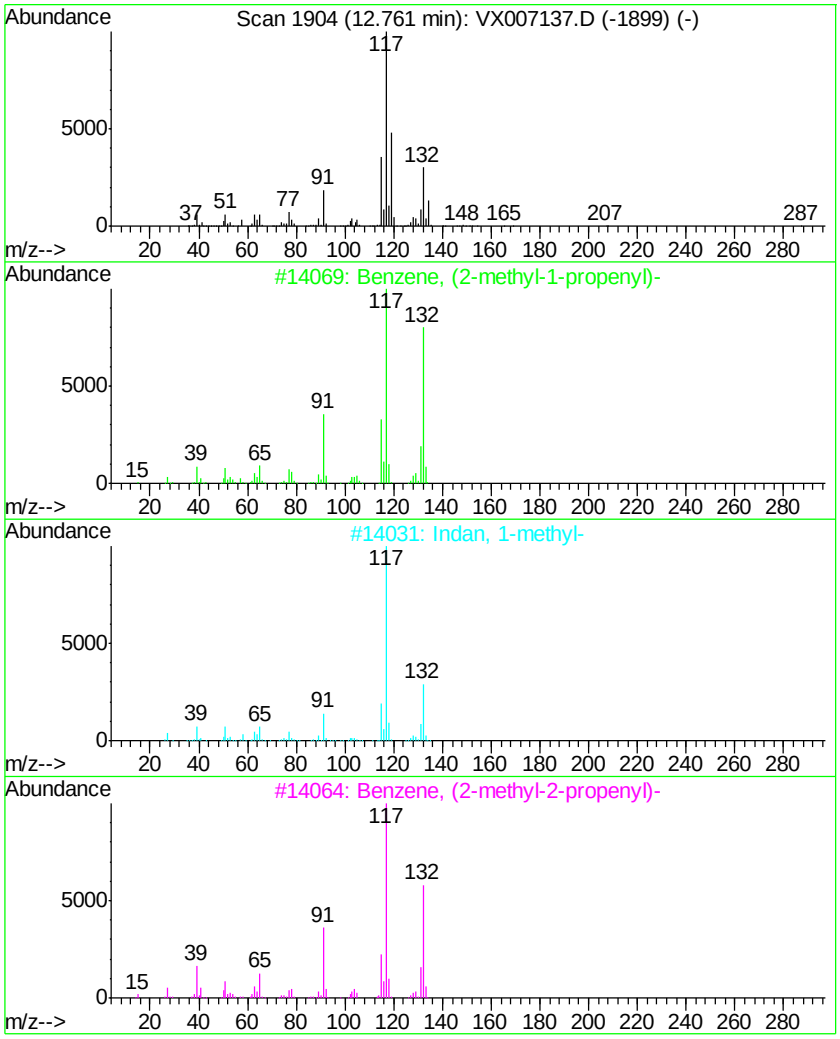
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

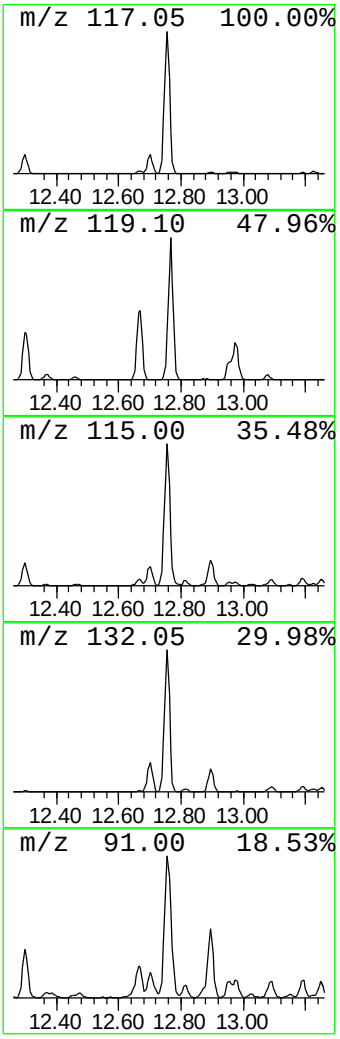
****

Peak Number 7 Benzene, (2-methyl-1-propen... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	53.78 ug/l	2540640	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	87
2	Indan, 1-methyl-	132	C10H12	000767-58-8	87
3	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	86
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	83
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	83





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011819\
Data File : VX007137.D
Acq On : 18 Jan 2019 16:15
Operator : JC/SP
Sample : K1195-04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SS037MW036-190116

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260

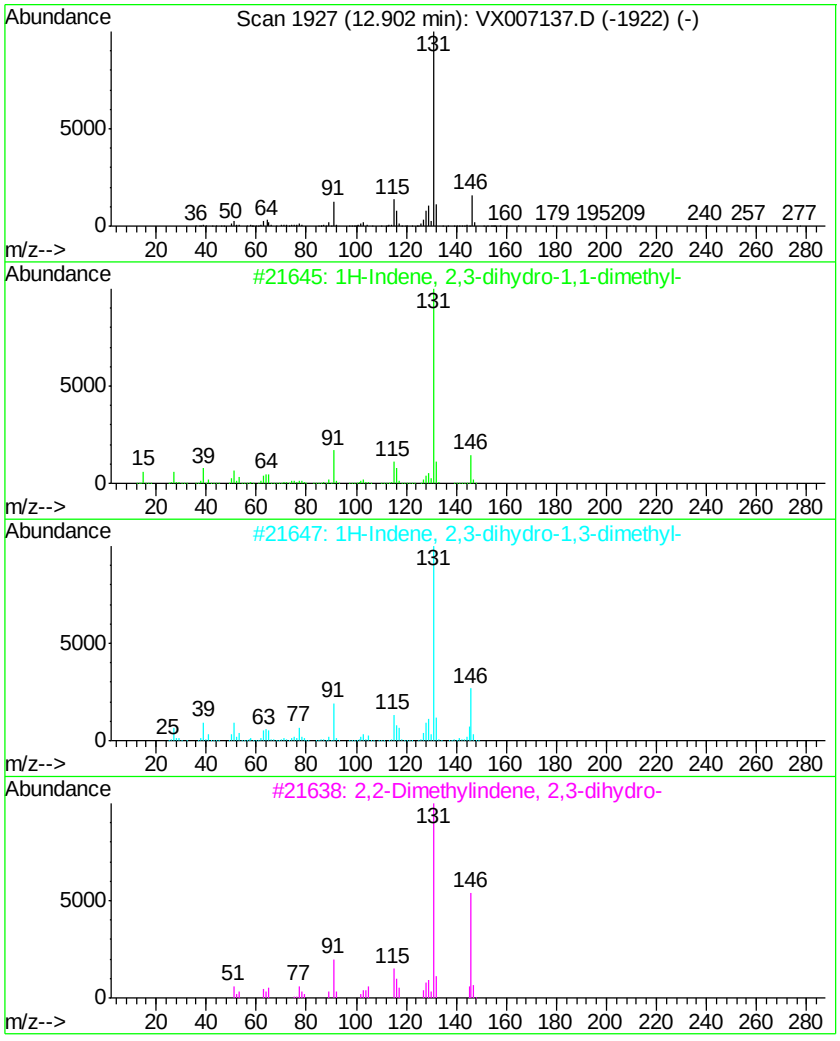
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

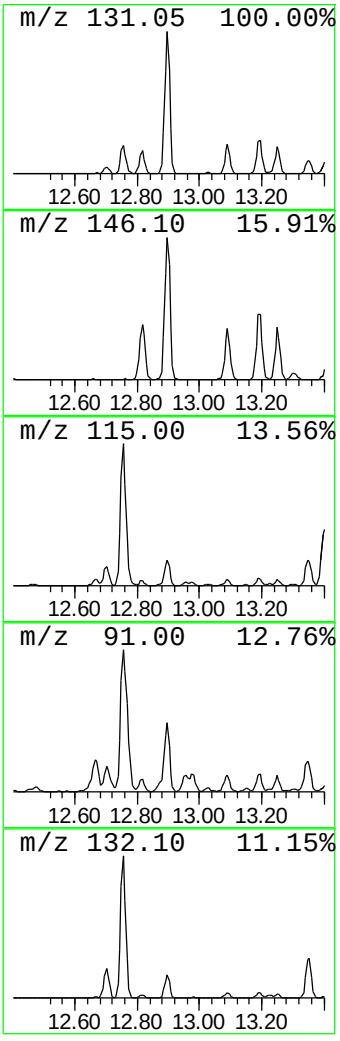
****

Peak Number 8 1H-Indene, 2,3-dihydro-1,1-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.90	14.96 ug/l	706777	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	94
2	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	90
3	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	87
4	Cyclopropane, 2-bromo-1-methyl-1...	210	C10H11Br	055091-64-0	78
5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	70





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX011819\
Data File : VX007137.D
Acq On : 18 Jan 2019 16:15
Operator : JC/SP
Sample : K1195-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SS037MW036-190116

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260

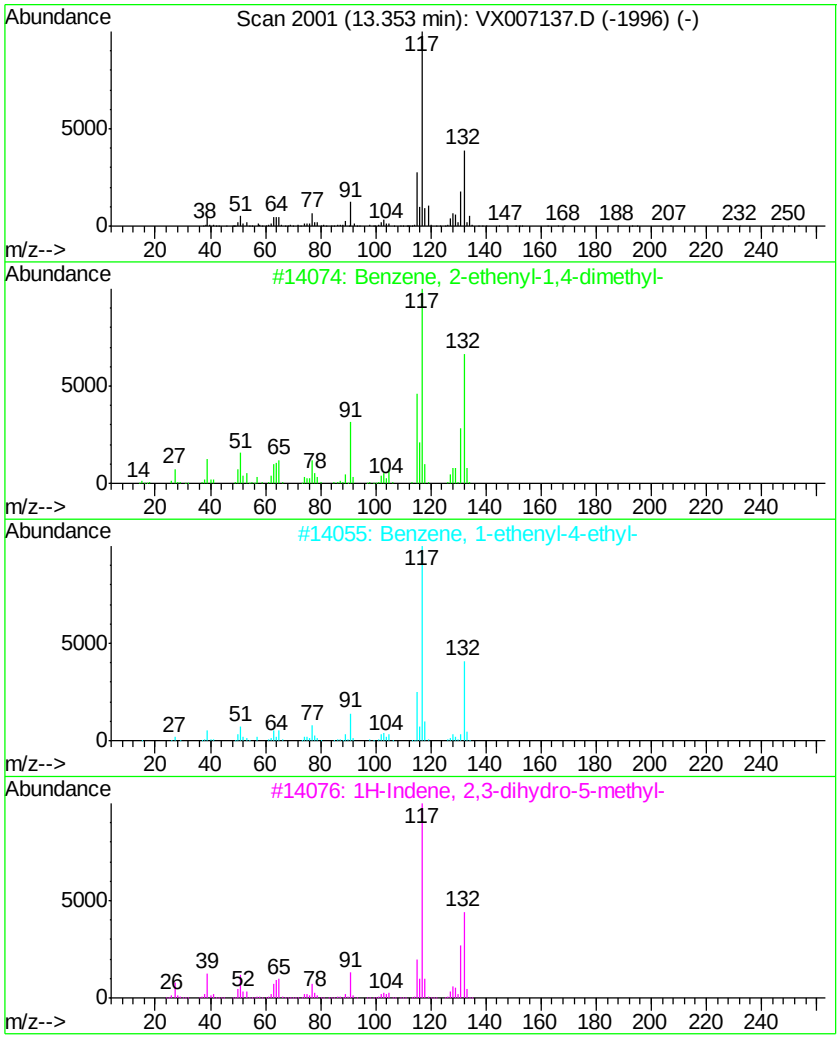
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

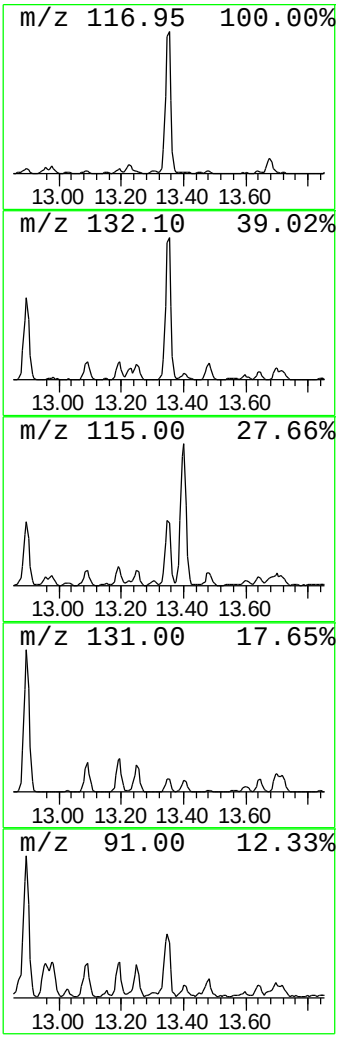
****

Peak Number 9 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	11.16 ug/l	527188	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	90
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
5	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	87





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX011819\
Data File : VX007137.D
Acq On : 18 Jan 2019 16:15
Operator : JC/SP
Sample : K1195-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SS037MW036-190116

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260

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

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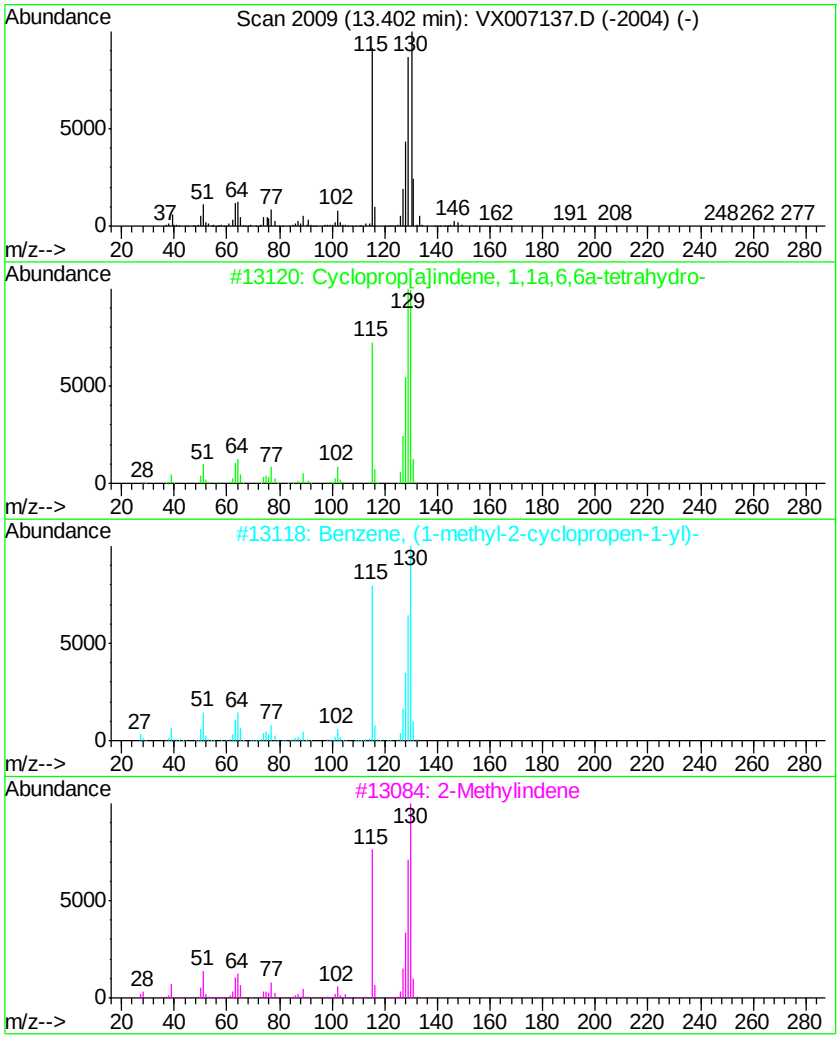
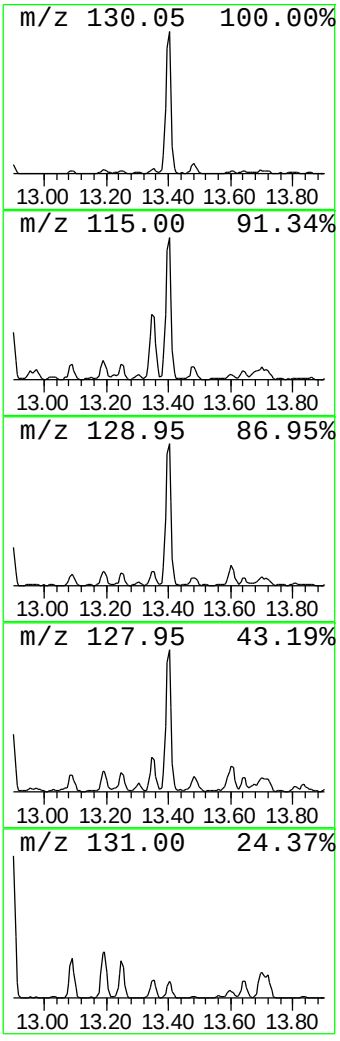
Peak Number 10 Cycloprop[a]indene, 1,1a,6,... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.40	10.78 ug/l	509174	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	95
2	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	93
3	2-Methylindene	130	C10H10	002177-47-1	93
4	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	91
5	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX011819\
Data File : VX007137.D
Acq On : 18 Jan 2019 16:15
Operator : JC/SP
Sample : K1195-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SS037MW036-190116

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.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
Butane, 2,2,3,3-t...	6.35	9.2	ug/l	341019	2	6.86	1844520	50.0
Pentane, 2,3,4-tr...	8.06	8.9	ug/l	327767	2	6.86	1844520	50.0
Pentane, 2,3,3-tr...	8.18	18.8	ug/l	693983	2	6.86	1844520	50.0
o-Cymene	12.23	19.5	ug/l	919244	4	12.08	2361900	50.0
Benzene, 1,3-diet...	12.30	13.6	ug/l	640179	4	12.08	2361900	50.0
1-Phenyl-1-butene	12.70	10.5	ug/l	497198	4	12.08	2361900	50.0
Benzene, (2-methy...	12.76	53.8	ug/l	2540640	4	12.08	2361900	50.0
1H-Indene, 2,3-di...	12.90	15.0	ug/l	706777	4	12.08	2361900	50.0
Benzene, 2-etheny...	13.35	11.2	ug/l	527188	4	12.08	2361900	50.0
Cycloprop[a]inden...	13.40	10.8	ug/l	509174	4	12.08	2361900	50.0