LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070319\
Data File : VX010672.D
Acq On : 04 Jul 2019 07:05
Operator : JC/SP
Sample : K3669-06
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : DUP-0533-190701

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\82X061919W.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	4.598	554	565	575	rBV2	24770	72704	1.67%	0.553%
2	5.501	701	713	724	rBV	131318	370391	8.50%	2.816%
3	5.659	727	739	760	rVB	220400	641726	14.72%	4.879%
4	6.062	794	805	817	rBV2	129212	335096	7.69%	2.548%
5	6.348	843	852	864	rVB	43465	134434	3.08%	1.022%
6	6.860	923	936	947	rBV	334935	782124	17.94%	5.947%
7	8.055	1122	1132	1140	rVB	50745	111339	2.55%	0.847%
8	8.177	1144	1152	1162	rBV	128607	256254	5.88%	1.948%
9	8.714	1226	1240	1249	rBV	712588	1124515	25.79%	8.550%
10	10.134	1464	1473	1479	rBV2	2556754	4359789	100.00%	33.149%
11	10.658	1544	1559	1564	rBV5	33843	85217	1.95%	0.648%
12	11.067	1620	1626	1631	rVB2	34431	59876	1.37%	0.455%
13	11.134	1631	1637	1642	rBV	600066	758352	17.39%	5.766%
14	11.670	1716	1725	1731	rBV	33421	54553	1.25%	0.415%
15	11.768	1731	1741	1745	rBV	79498	115180	2.64%	0.876%
16	11.914	1758	1765	1768	rBV2	73746	122034	2.80%	0.928%
17	11.945	1768	1770	1776	rVB	60431	65420	1.50%	0.497%
18	12.073	1786	1791	1797	rBV	715651	945340	21.68%	7.188%
19	12.231	1812	1817	1823	rVV	280806	344426	7.90%	2.619%
20	12.298	1823	1828	1833	rVV	169598	213302	4.89%	1.622%
21	12.365	1835	1839	1848	rVB4	28131	56005	1.28%	0.426%
22	12.664	1878	1888	1891	rBV2	57870	88666	2.03%	0.674%
23	12.701	1891	1894	1899	rVV2	94518	175003	4.01%	1.331%
24	12.756	1899	1903	1909	rVV2	542679	834946	19.15%	6.348%
25	12.817	1909	1913	1917	rVV	48451	66398	1.52%	0.505%
26	12.896	1917	1926	1931	rVB2	200559	301239	6.91%	2.290%
27	12.957	1931	1936	1937	rBV2	53831	70027	1.61%	0.532%
28	12.975	1937	1939	1944	rVB	68875	78049	1.79%	0.593%
29	13.085	1952	1957	1963	rVB2	57092	80202	1.84%	0.610%
30	13.188	1970	1974	1978	rBV	48552	57576	1.32%	0.438%
31	13.249	1978	1984	1988	rVB	51444	70647	1.62%	0.537%
32	13.347	1995	2000	2004	rVB2	123229	157876	3.62%	1.200%
33	13.396	2004	2008	2013	rVB2	84680	106415	2.44%	0.809%
34	13.475	2013	2021	2027	rBV7	25909	56858	1.30%	0.432%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070319\
Data File : VX010672.D
Acq On : 04 Jul 2019 07:05
Operator : JC/SP
Sample : K3669-06
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : DUP-0533-190701

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\82X061919W.M
Title : SW846 8260

Sum of corrected areas: 13151979

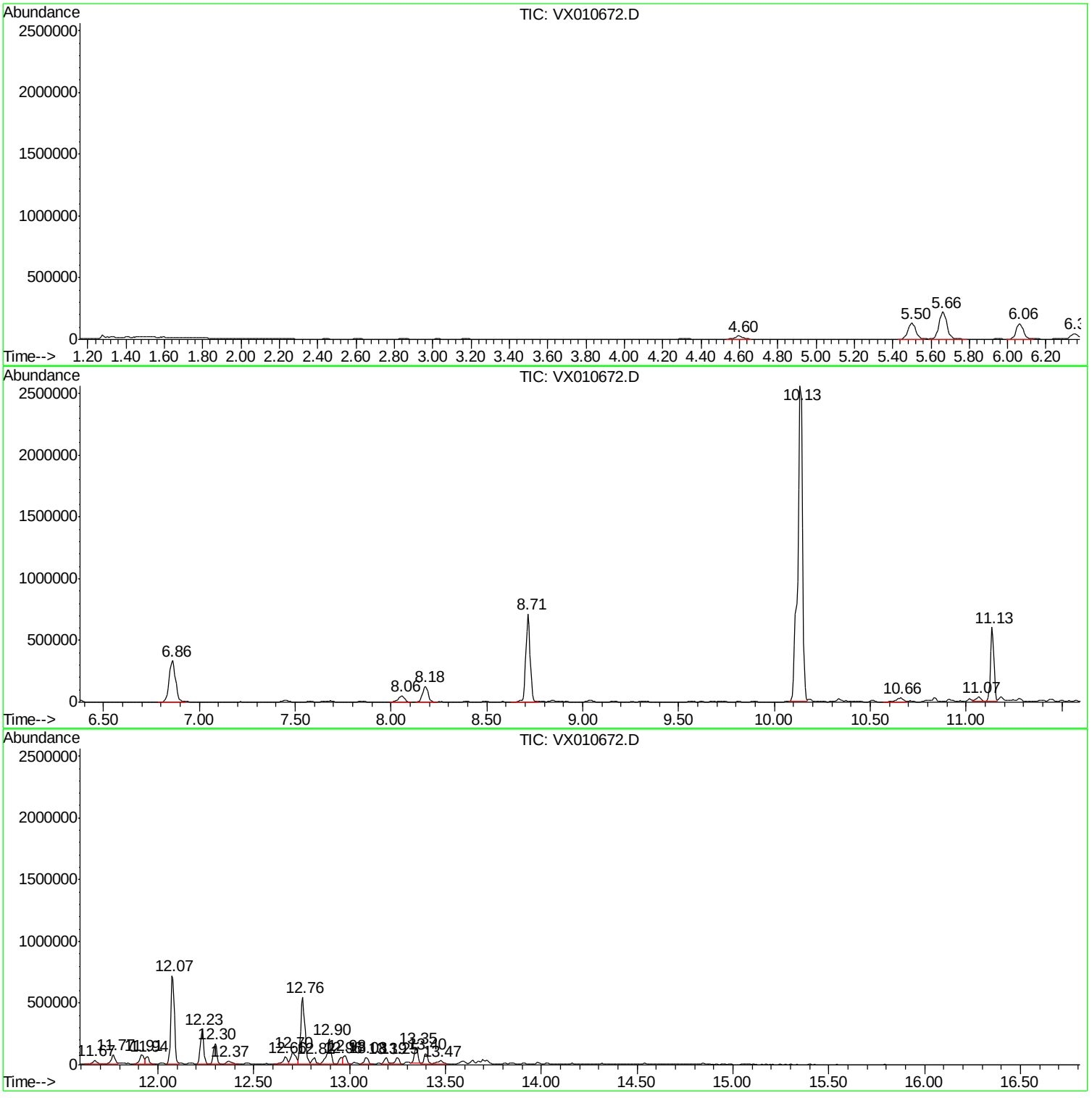
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070319\
Data File : VX010672.D
Acq On : 04 Jul 2019 07:05
Operator : JC/SP
Sample : K3669-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : DUP-0533-190701

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.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_X\DATA\VX070319\
Data File : VX010672.D
Acq On : 04 Jul 2019 07:05
Operator : JC/SP
Sample : K3669-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : DUP-0533-190701

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260

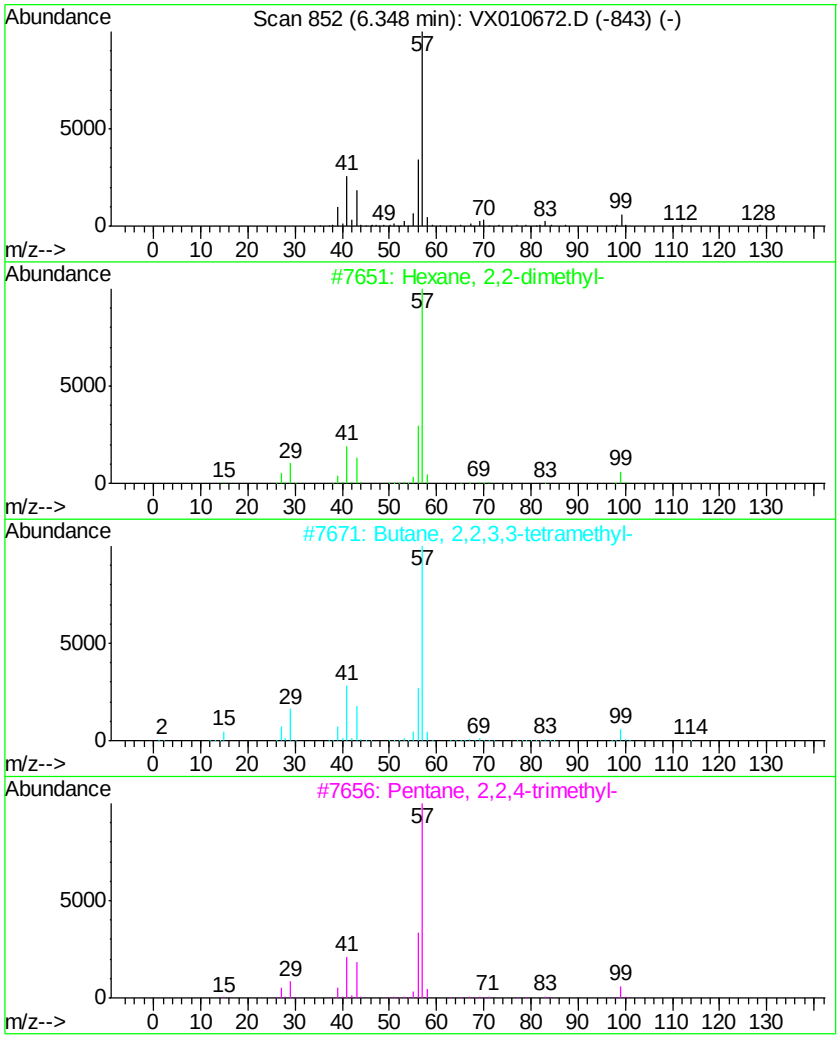
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

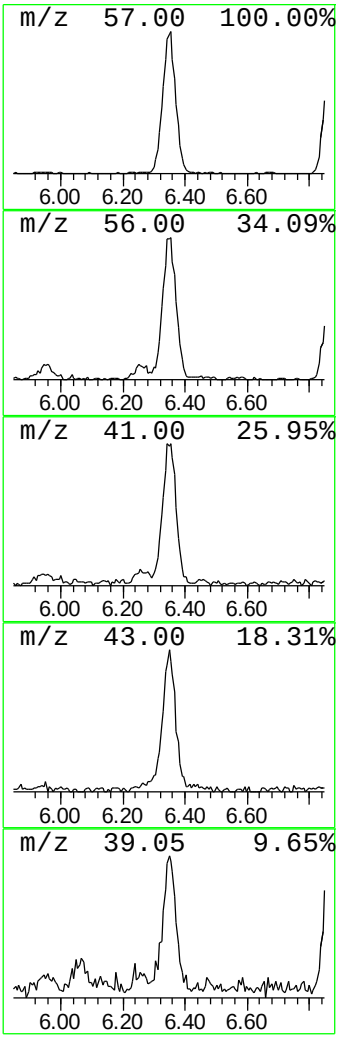
****

Peak Number 1 Hexane, 2,2-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.35	8.59 ug/l	134434	1,4-Difluorobenzene	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	64
2	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	64
3	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	64
4	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	59
5	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070319\
Data File : VX010672.D
Acq On : 04 Jul 2019 07:05
Operator : JC/SP
Sample : K3669-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : DUP-0533-190701

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260

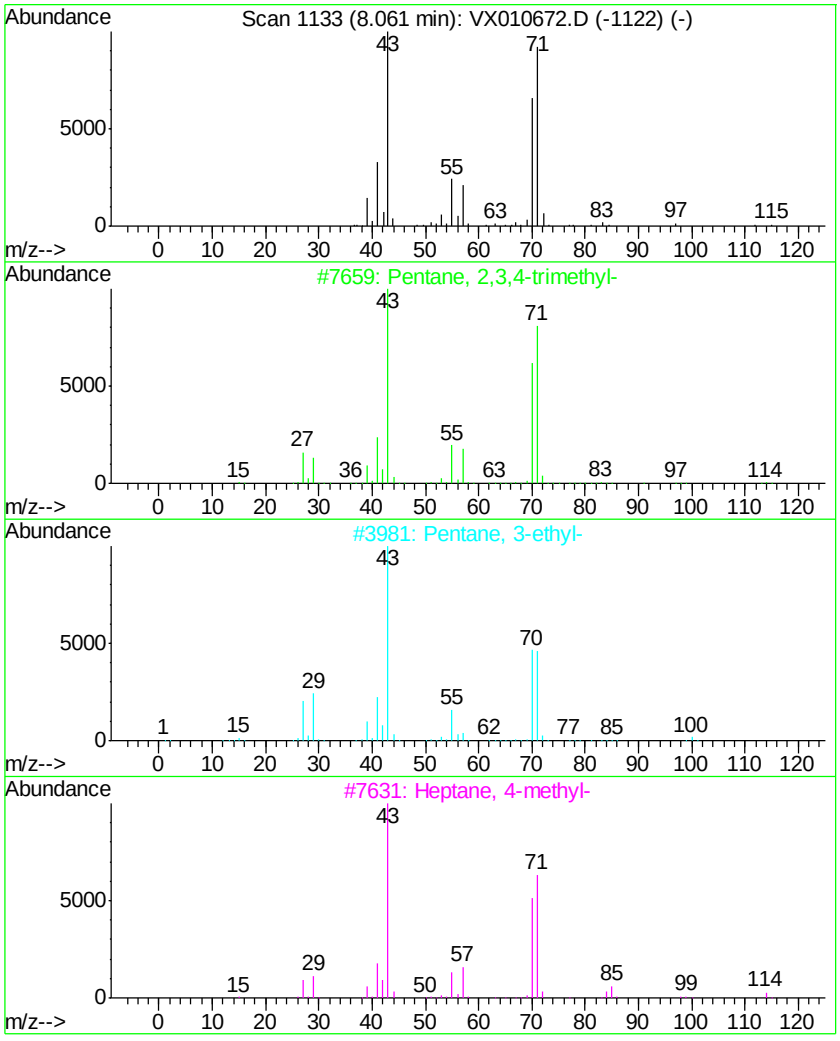
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

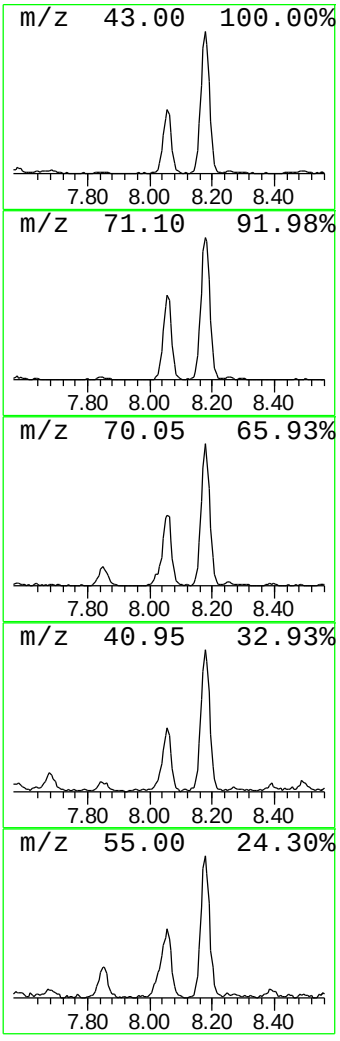
****

Peak Number 2 Pentane, 2,3,4-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.06	7.12 ug/l	111339	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	Pentane, 3-ethyl-	100	C7H16	000617-78-7	83
3	Heptane, 4-methyl-	114	C8H18	000589-53-7	83
4	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	78
5	2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	78





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070319\
Data File : VX010672.D
Acq On : 04 Jul 2019 07:05
Operator : JC/SP
Sample : K3669-06
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : DUP-0533-190701

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260

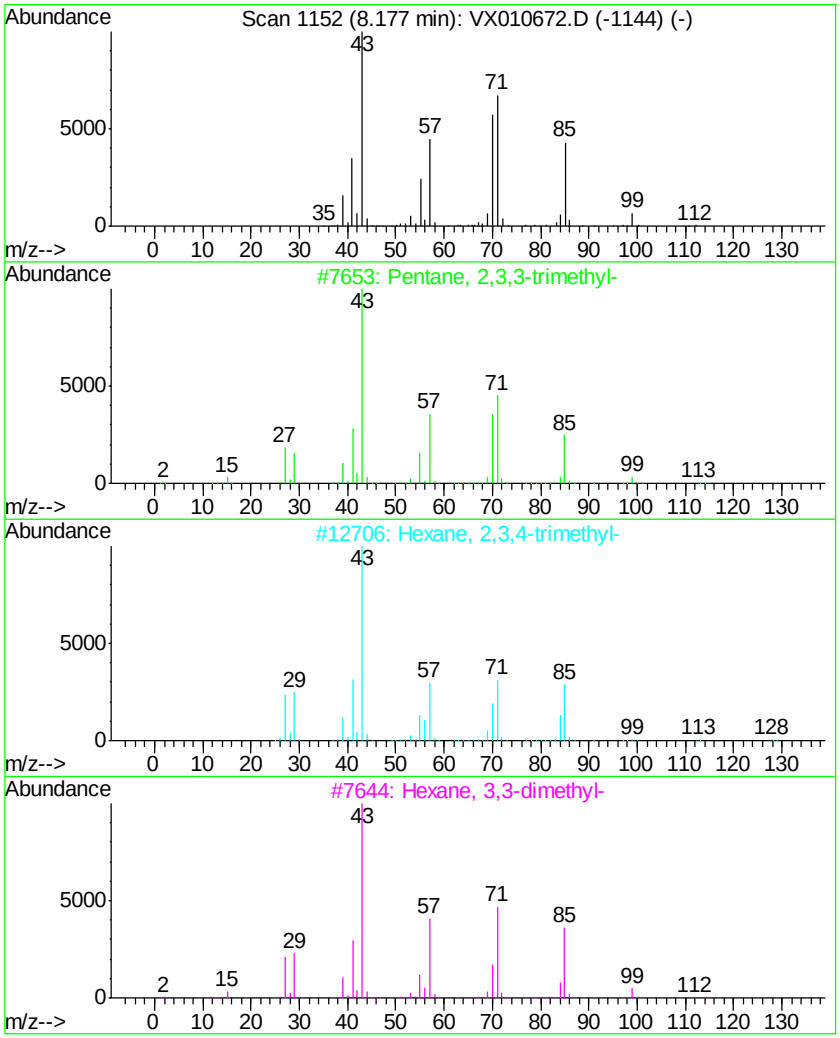
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

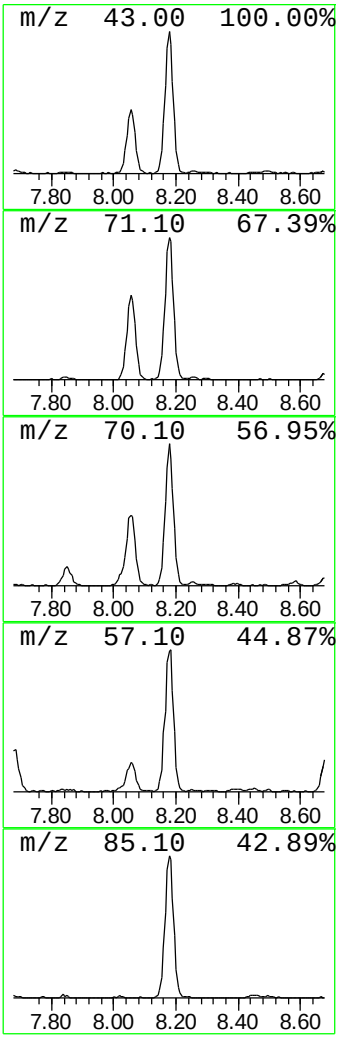
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.18	16.38 ug/l	256254	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	90
2	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	64
3	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	59
4	Heptane, 4-methyl-	114	C8H18	000589-53-7	53
5	Heptane, 3,3,4-trimethyl-	142	C10H22	020278-87-9	53





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070319\
Data File : VX010672.D
Acq On : 04 Jul 2019 07:05
Operator : JC/SP
Sample : K3669-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : DUP-0533-190701

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260

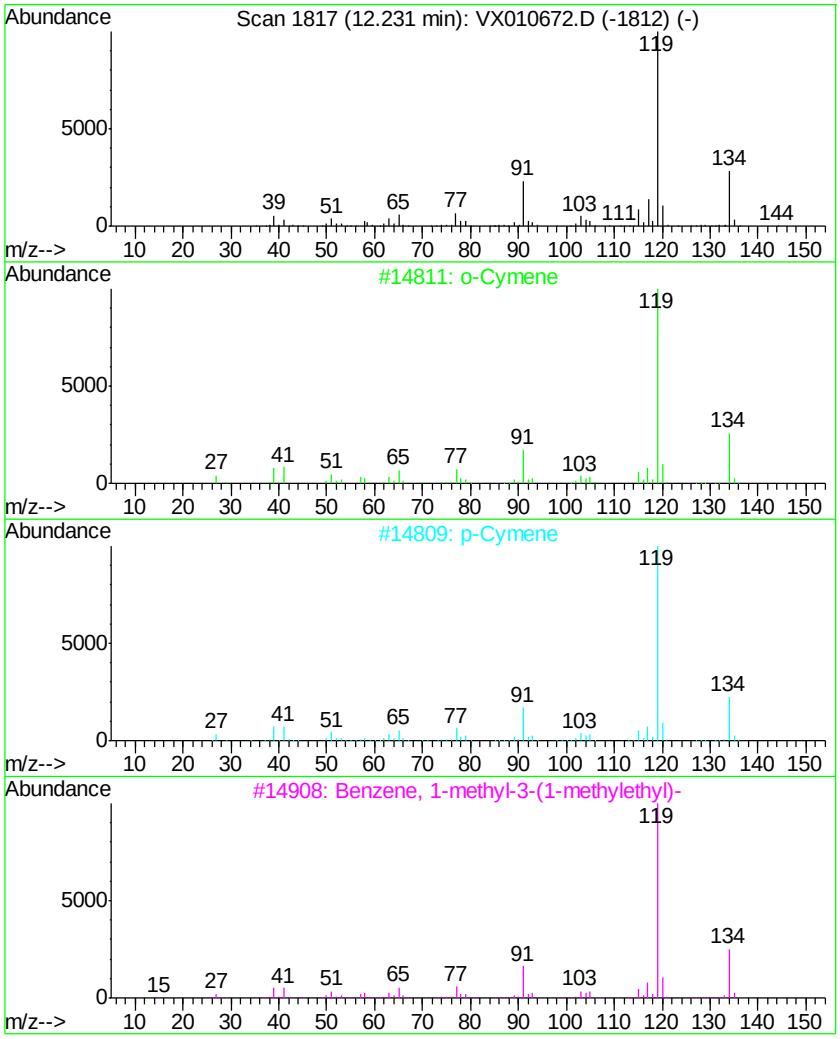
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

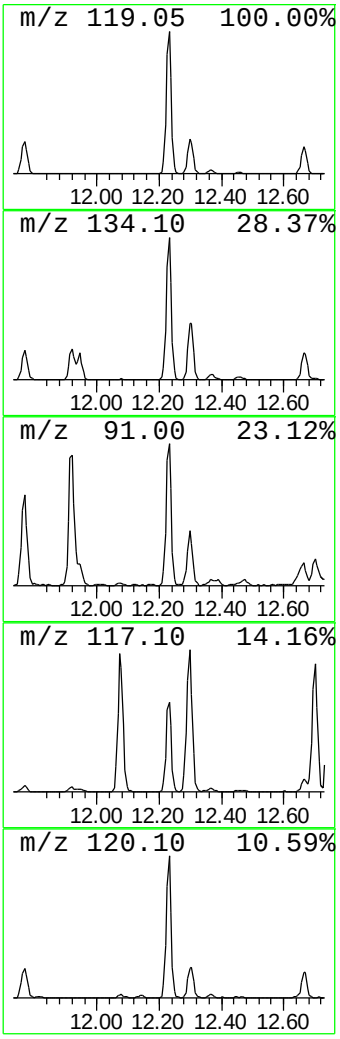
****

Peak Number 4 o-Cymene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.23	18.22 ug/l	344426	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, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070319\
Data File : VX010672.D
Acq On : 04 Jul 2019 07:05
Operator : JC/SP
Sample : K3669-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : DUP-0533-190701

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260

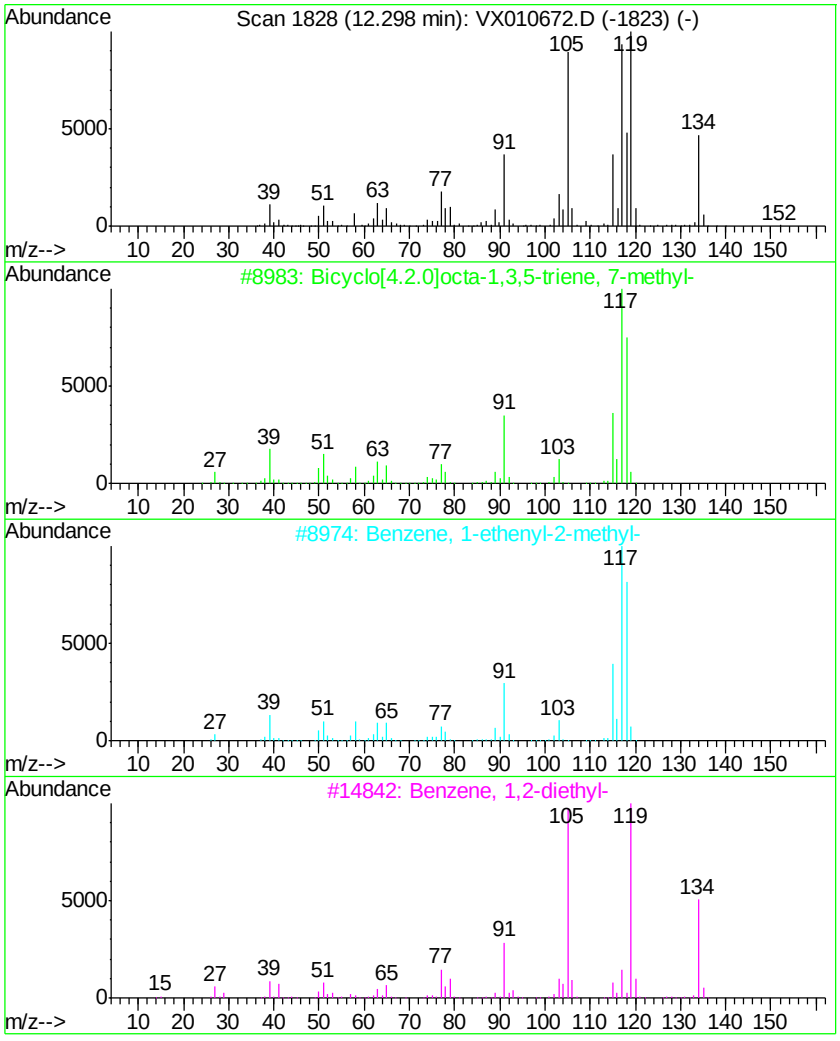
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

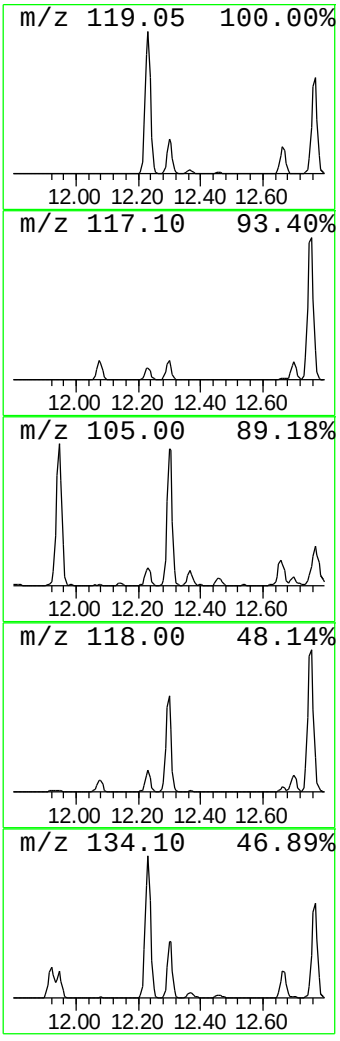
****

Peak Number 5 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	11.28 ug/l	213302	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	055337-80-9	80
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	60
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	60
4	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	60
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	60





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070319\
Data File : VX010672.D
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Operator : JC/SP
Sample : K3669-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : DUP-0533-190701

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260

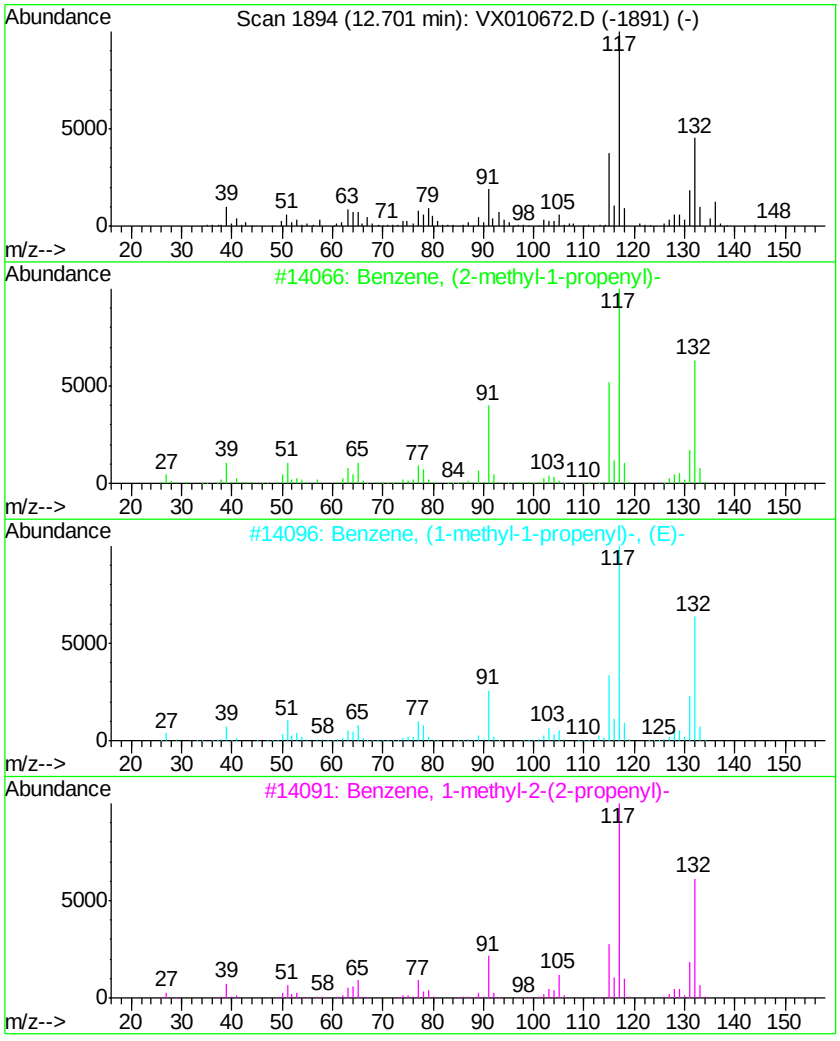
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

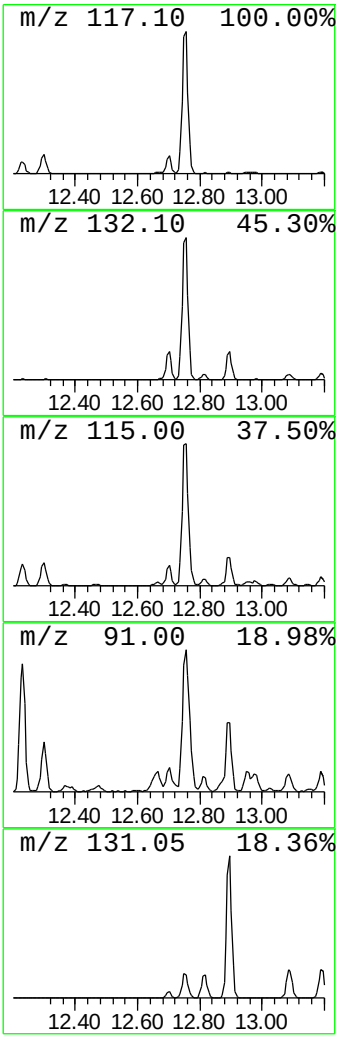
****

Peak Number 6 Benzene, (2-methyl-1-propen... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	9.26 ug/l	175003	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	93
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	90
3	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	87
4	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	86
5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	81





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070319\
Data File : VX010672.D
Acq On : 04 Jul 2019 07:05
Operator : JC/SP
Sample : K3669-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : DUP-0533-190701

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260

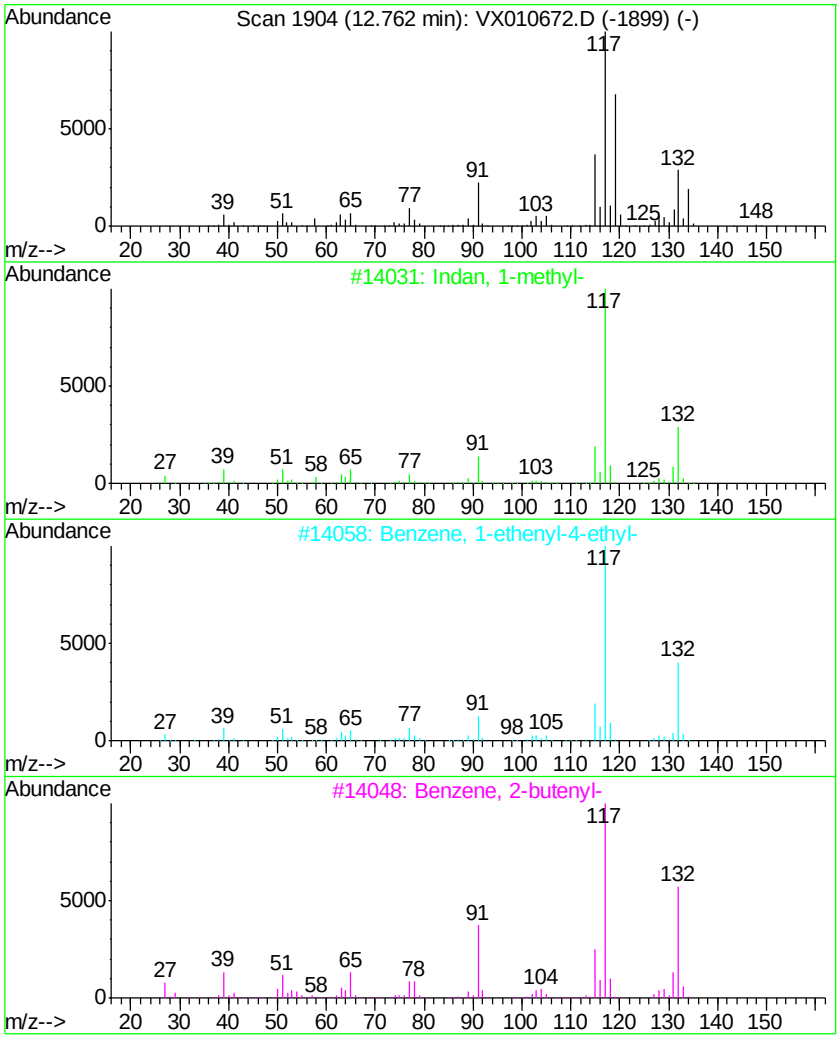
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

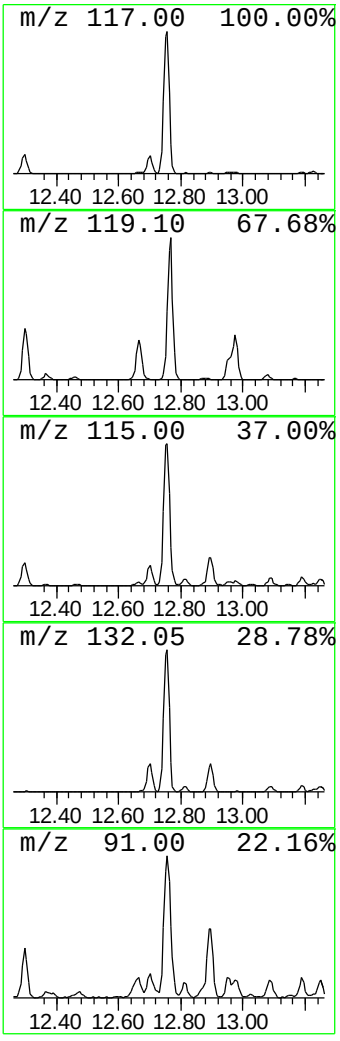
****

Peak Number 7 Indan, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	44.16 ug/l	834946	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	93
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	76
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	74
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	74
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	74





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070319\
Data File : VX010672.D
Acq On : 04 Jul 2019 07:05
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Sample : K3669-06
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : DUP-0533-190701

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260

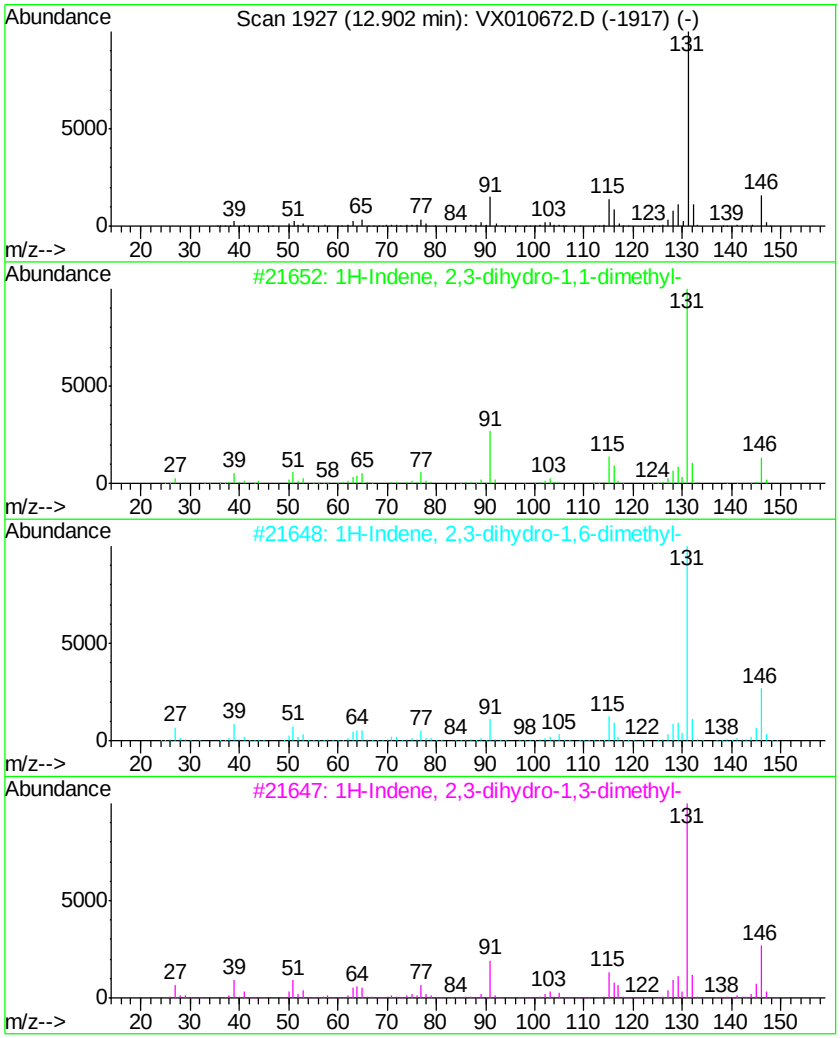
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

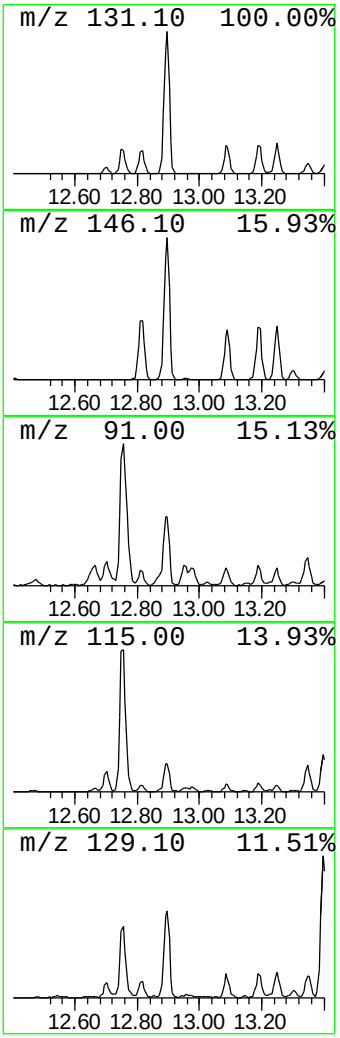
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.90	15.93 ug/l	301239	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	95
2	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	90
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	87
5	Cyclopropane, 2-bromo-1-methyl-1...	210	C10H11Br	055091-64-0	86





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070319\
Data File : VX010672.D
Acq On : 04 Jul 2019 07:05
Operator : JC/SP
Sample : K3669-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : DUP-0533-190701

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260

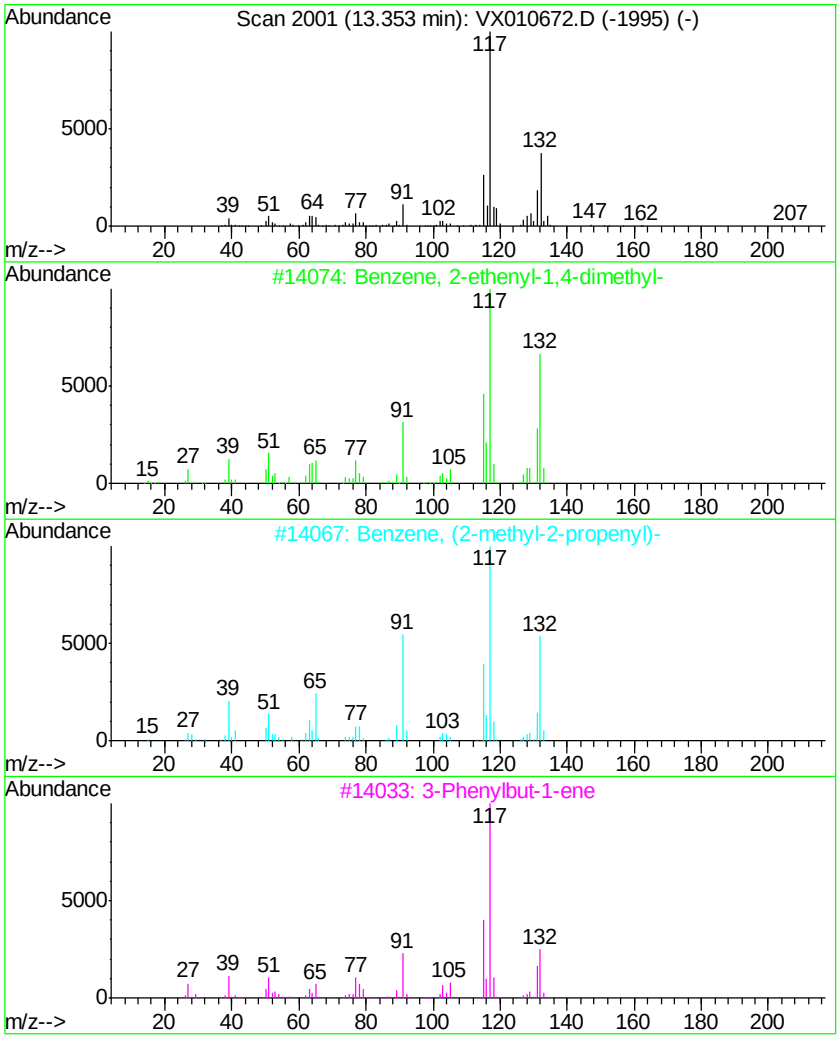
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

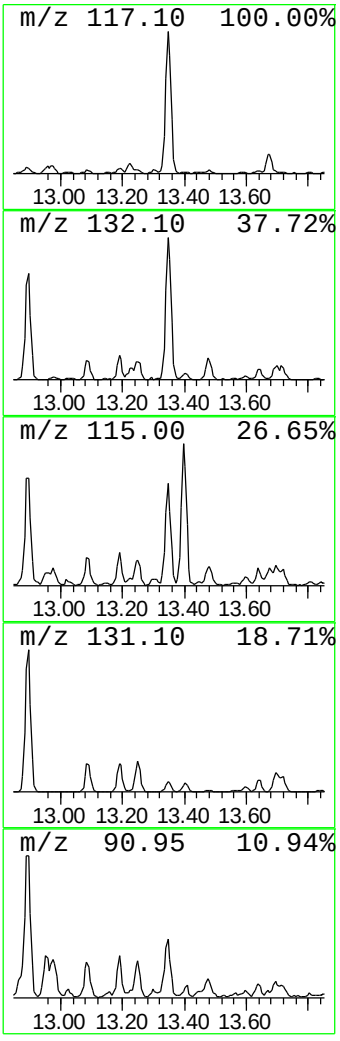
****

Peak Number 9 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	8.35 ug/l	157876	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	90
2	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	87
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	81
5	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	80





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070319\
Data File : VX010672.D
Acq On : 04 Jul 2019 07:05
Operator : JC/SP
Sample : K3669-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : DUP-0533-190701

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260

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

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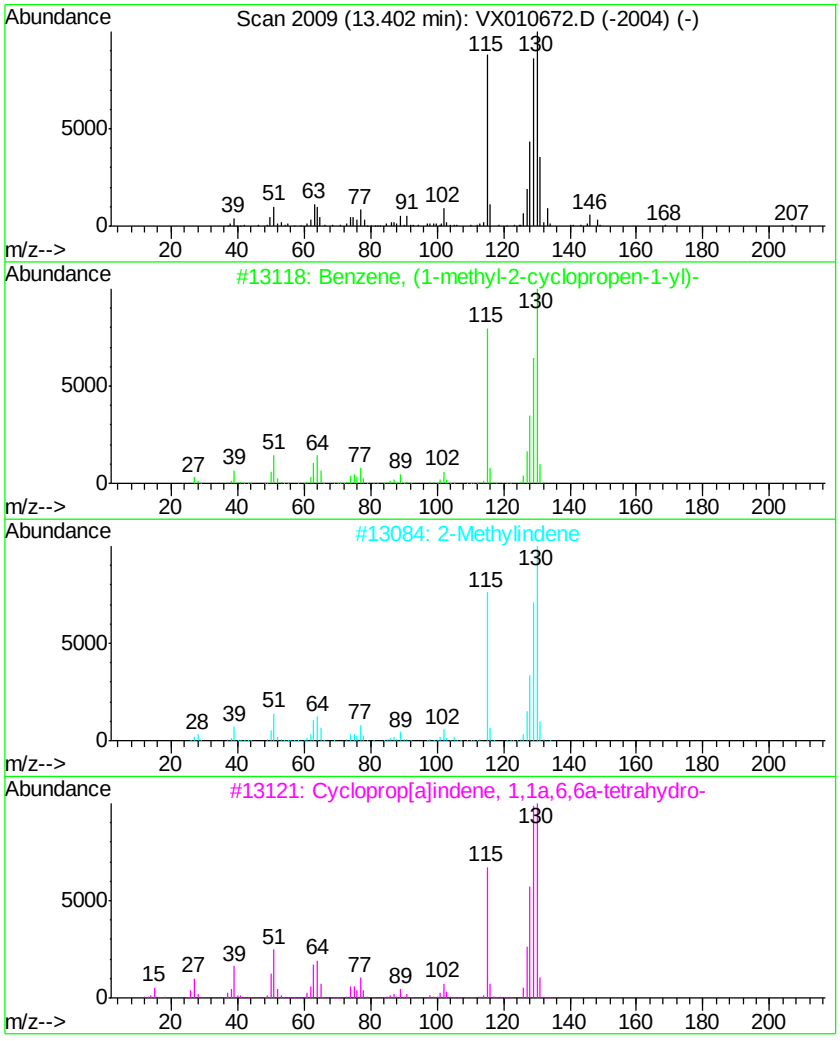
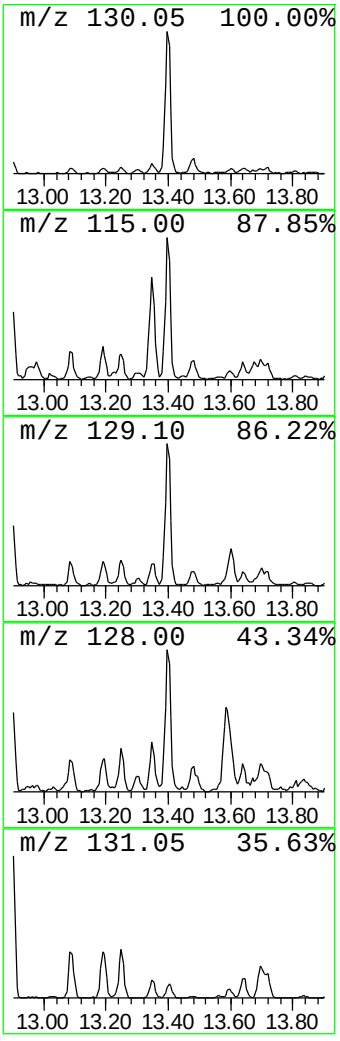
Peak Number 10 Benzene, (1-methyl-2-cyclop... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.40	5.63 ug/l	106415	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	96
2	2-Methylindene	130	C10H10	002177-47-1	96
3	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	95
4	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	93
5	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070319\
Data File : VX010672.D
Acq On : 04 Jul 2019 07:05
Operator : JC/SP
Sample : K3669-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : DUP-0533-190701

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.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
Hexane, 2,2-dimet...	6.35	8.6	ug/l	134434	2	6.86	782124	50.0
Pentane, 2,3,4-tr...	8.06	7.1	ug/l	111339	2	6.86	782124	50.0
Pentane, 2,3,3-tr...	8.18	16.4	ug/l	256254	2	6.86	782124	50.0
o-Cymene	12.23	18.2	ug/l	344426	4	12.08	945340	50.0
Bicyclo[4.2.0]oct...	12.30	11.3	ug/l	213302	4	12.08	945340	50.0
Benzene, (2-methy...	12.70	9.3	ug/l	175003	4	12.08	945340	50.0
Indan, 1-methyl-	12.76	44.2	ug/l	834946	4	12.08	945340	50.0
1H-Indene, 2,3-di...	12.90	15.9	ug/l	301239	4	12.08	945340	50.0
Benzene, 2-etheny...	13.35	8.3	ug/l	157876	4	12.08	945340	50.0
Benzene, (1-methy...	13.40	5.6	ug/l	106415	4	12.08	945340	50.0