LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040119\
Data File : VX008571.D
Acq On : 01 Apr 2019 16:10
Operator : JC/SP
Sample : K2176-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : QNWP8-MW27S-GW

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\82X032519W.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	1.312	20	26	45	rBV	159449	773687	6.86%	2.338%
2	5.501	701	713	724	rBV	128408	376375	3.34%	1.137%
3	5.659	729	739	756	rVB	230806	654670	5.80%	1.978%
4	6.062	794	805	809	rBV	159639	397477	3.52%	1.201%
5	6.147	809	819	839	rVB	4306083	11285346	100.00%	34.097%
6	6.860	925	936	949	rBV	370851	882893	7.82%	2.668%
7	8.714	1233	1240	1247	rBV	804296	1218239	10.79%	3.681%
8	10.110	1463	1469	1481	rBV	752331	998239	8.85%	3.016%
9	10.250	1486	1492	1501	rVV	1400119	1775304	15.73%	5.364%
10	10.360	1501	1510	1517	rVB2	108607	173495	1.54%	0.524%
11	10.695	1561	1565	1575	rVB	169181	221399	1.96%	0.669%
12	11.018	1612	1618	1622	rBV	240045	301944	2.68%	0.912%
13	11.134	1631	1637	1649	rBV	606011	754947	6.69%	2.281%
14	11.664	1720	1724	1733	rBV	78829	114016	1.01%	0.344%
15	11.804	1741	1747	1754	rBV	155142	183671	1.63%	0.555%
16	12.079	1785	1792	1798	rVB	683534	916071	8.12%	2.768%
17	12.298	1820	1828	1836	rBV	2436907	2892953	25.63%	8.741%
18	12.469	1850	1856	1861	rBV	431187	547807	4.85%	1.655%
19	12.755	1898	1903	1910	rVB	175189	231561	2.05%	0.700%
20	12.938	1928	1933	1937	rBV	707751	852948	7.56%	2.577%
21	13.024	1942	1947	1962	rVB	911722	1646193	14.59%	4.974%
22	13.396	2004	2008	2015	rVB2	96999	133116	1.18%	0.402%
23	13.835	2072	2080	2086	rBV	2482879	3332288	29.53%	10.068%
24	13.926	2086	2095	2101	rVV	575740	801994	7.11%	2.423%
25	14.438	2172	2179	2186	rBV2	80545	144951	1.28%	0.438%
26	14.834	2239	2244	2258	rVB	785127	1075236	9.53%	3.249%
27	15.688	2373	2384	2387	rBV	69422	125917	1.12%	0.380%
28	16.413	2495	2503	2511	rBV	158847	285330	2.53%	0.862%

Sum of corrected areas: 33098067

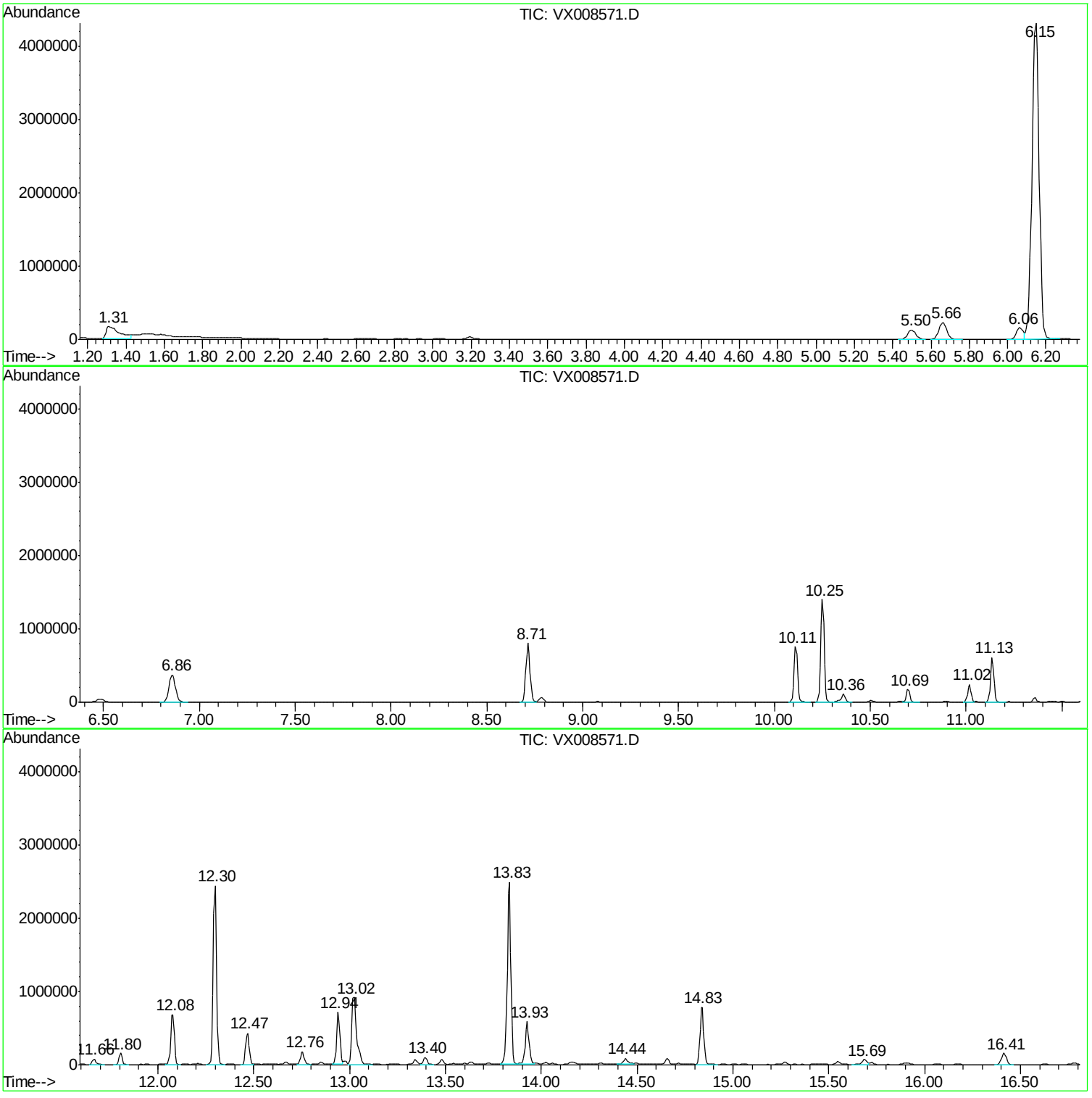
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040119\
Data File : VX008571.D
Acq On : 01 Apr 2019 16:10
Operator : JC/SP
Sample : K2176-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW27S-GW

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
Quant Title : SW846 8260

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX040119\
Data File : VX008571.D
Acq On : 01 Apr 2019 16:10
Operator : JC/SP
Sample : K2176-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : QNWP8-MW27S-GW

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
Quant Title : SW846 8260

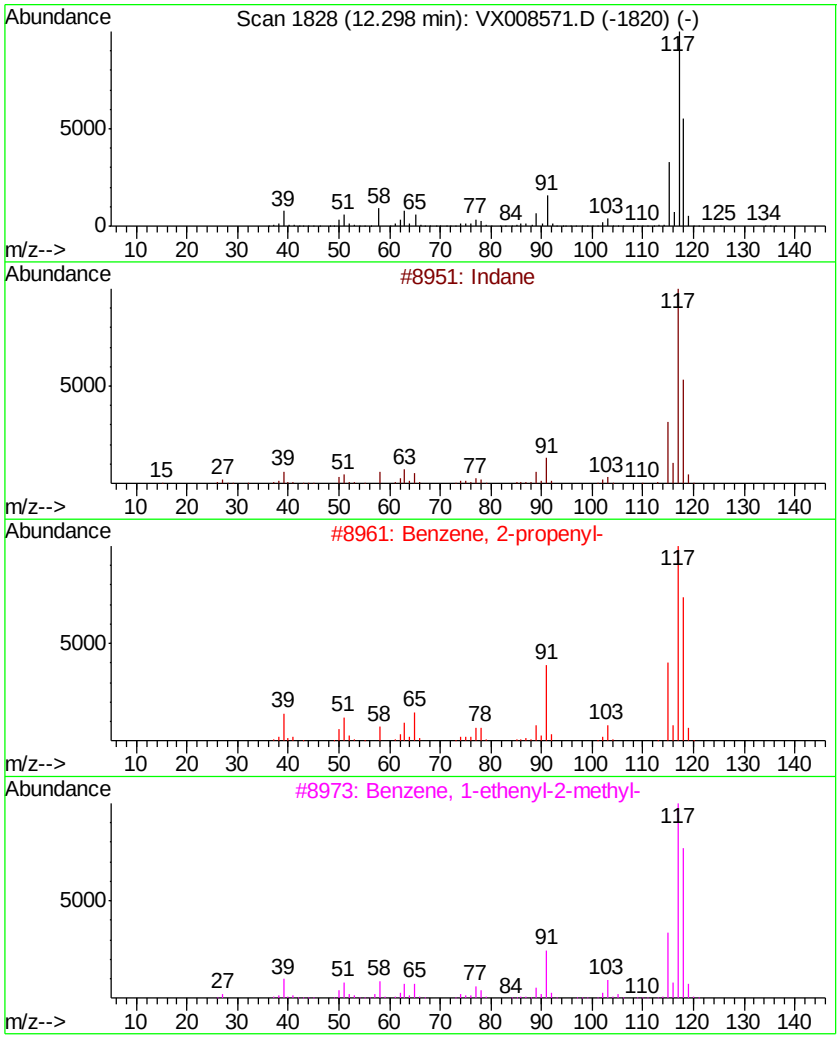
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

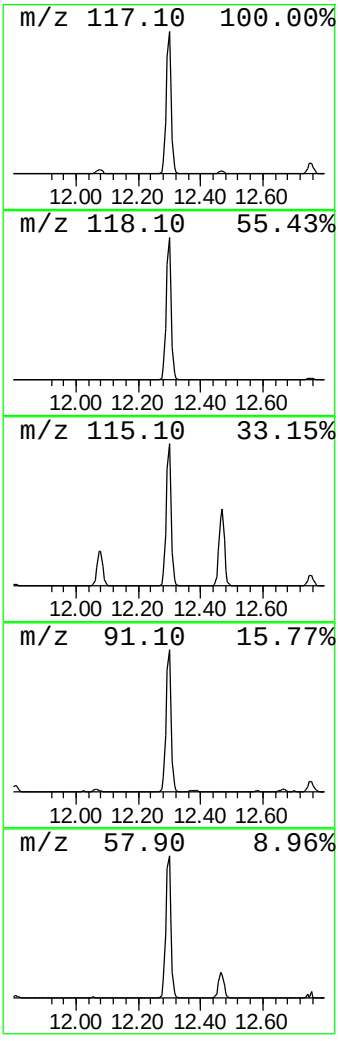
****

Peak Number 2 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	157.90 ug/l	2892950	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	83
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	72
4	Deltacyclene	118	C9H10	007785-10-6	72
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX040119\
Data File : VX008571.D
Acq On : 01 Apr 2019 16:10
Operator : JC/SP
Sample : K2176-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : QNWP8-MW27S-GW

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
Quant Title : SW846 8260

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

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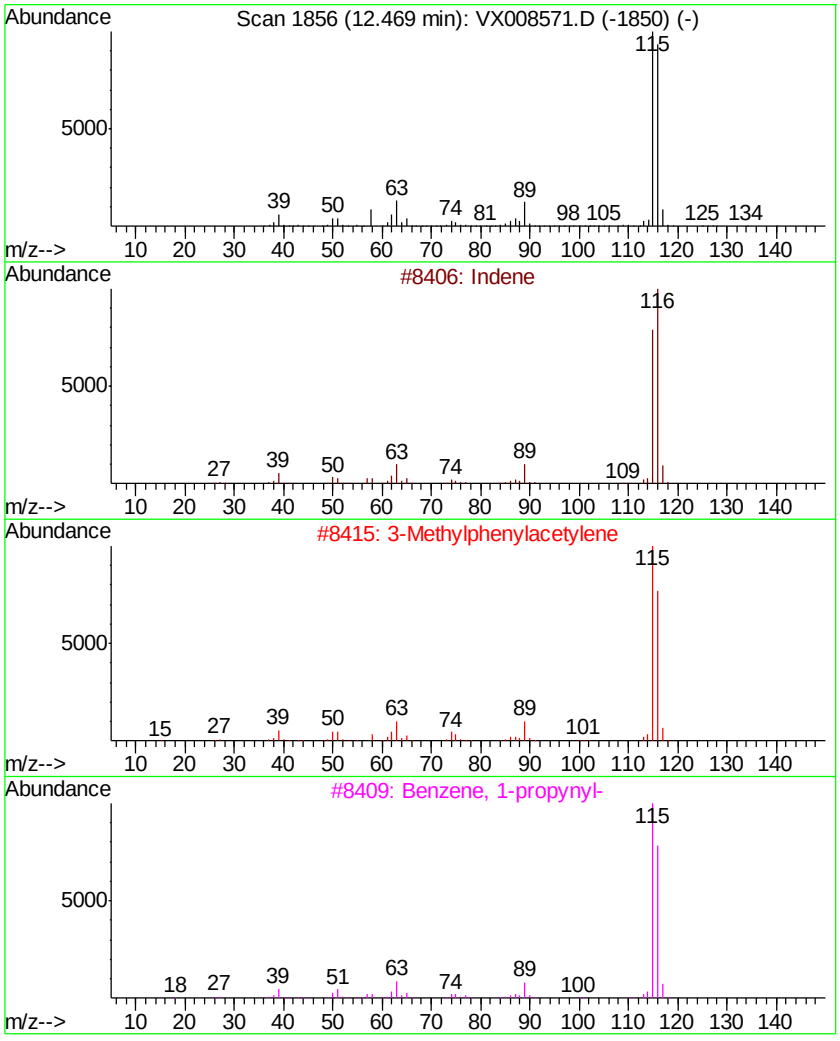
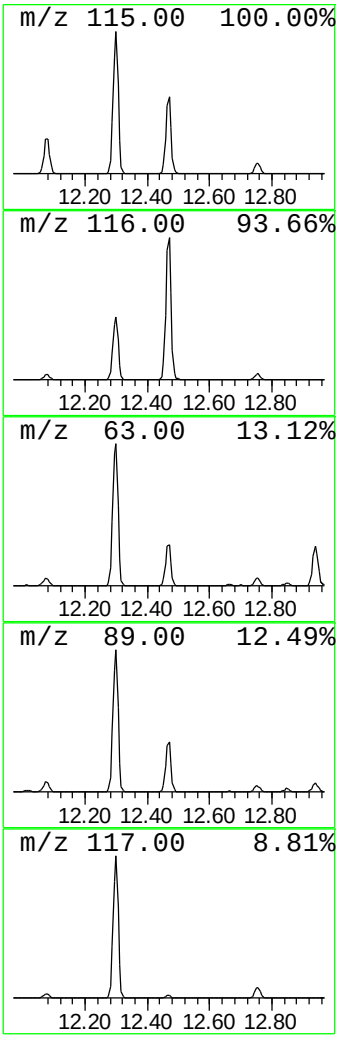
Peak Number 3 Indene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	29.90 ug/l	547807	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
4	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91
5	2-Methylphenylacetylene	116	C9H8	000766-47-2	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX040119\
Data File : VX008571.D
Acq On : 01 Apr 2019 16:10
Operator : JC/SP
Sample : K2176-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : QNWP8-MW27S-GW

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
Quant Title : SW846 8260

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

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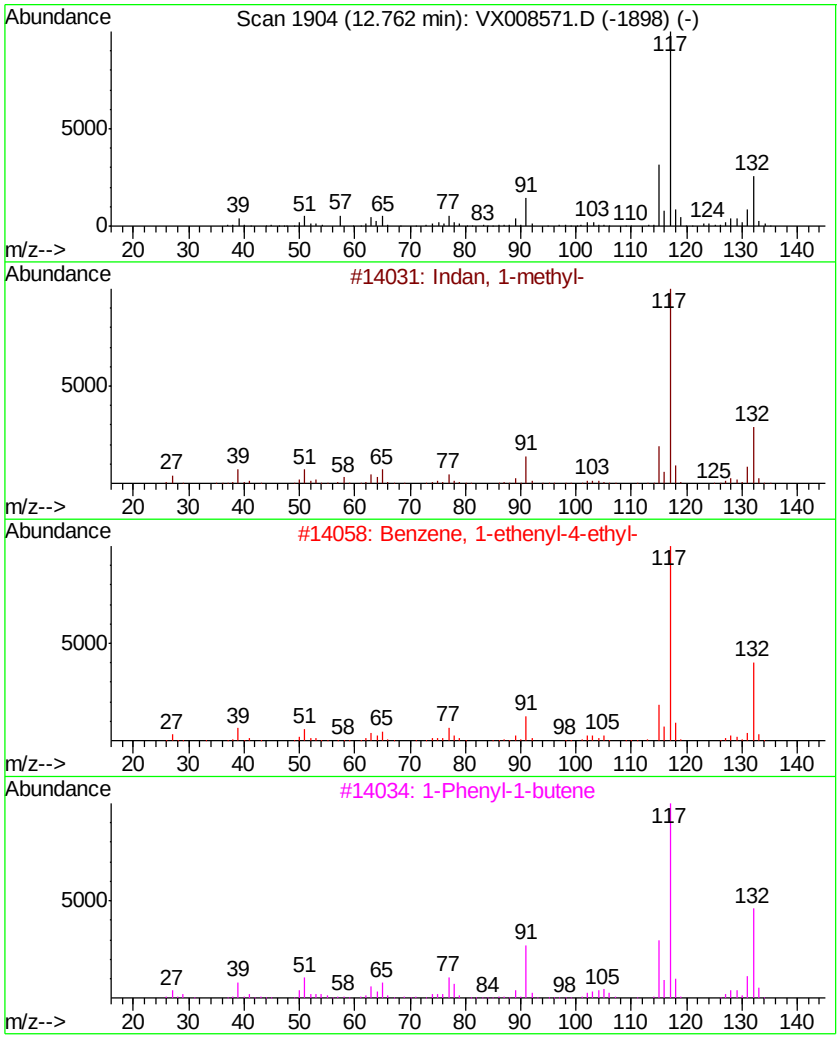
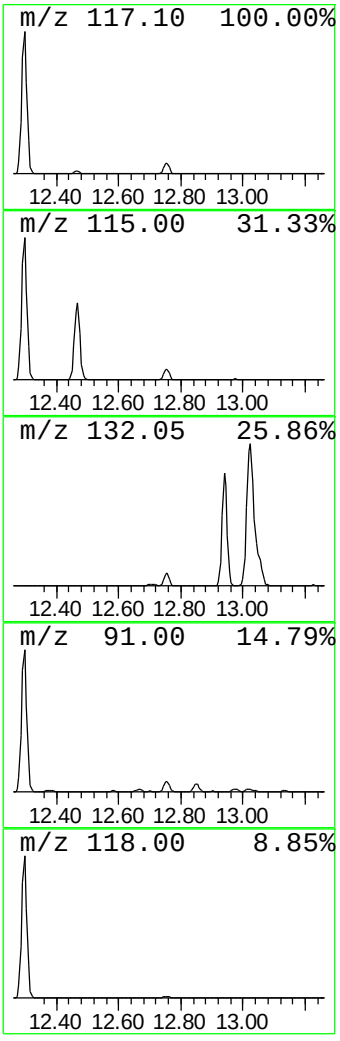
Peak Number 4 Indan, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	12.64 ug/l	231561	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	87
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	87
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	87
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	87





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX040119\
Data File : VX008571.D
Acq On : 01 Apr 2019 16:10
Operator : JC/SP
Sample : K2176-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : QNWP8-MW27S-GW

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
Quant Title : SW846 8260

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

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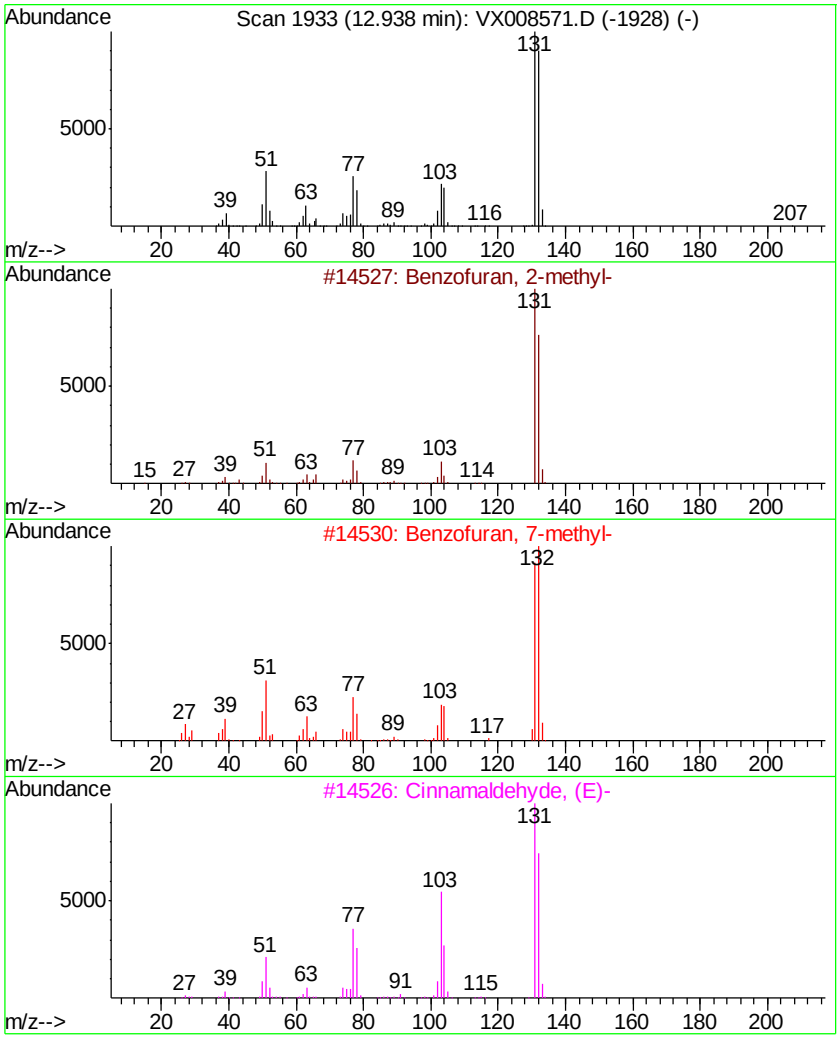
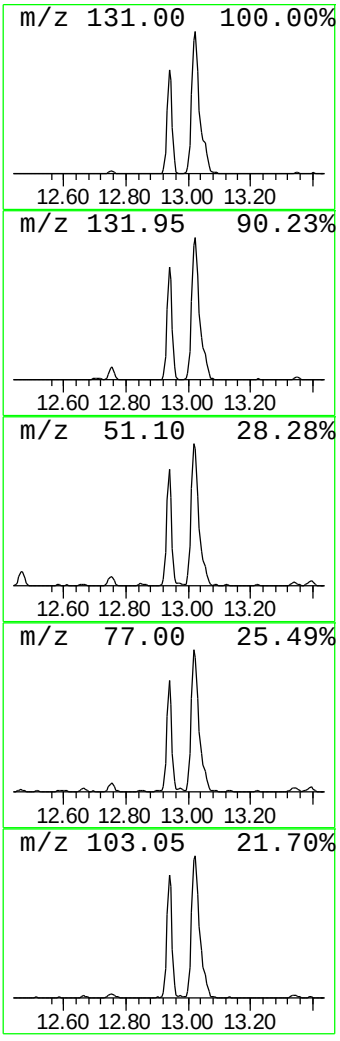
Peak Number 5 Benzofuran, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	46.55 ug/l	852948	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	95
2	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	94
3	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	91
4	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	91
5	1H-Indazole, 7-methyl-	132	C8H8N2	1000316-00-7	90





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX040119\
Data File : VX008571.D
Acq On : 01 Apr 2019 16:10
Operator : JC/SP
Sample : K2176-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : QNWP8-MW27S-GW

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
Quant Title : SW846 8260

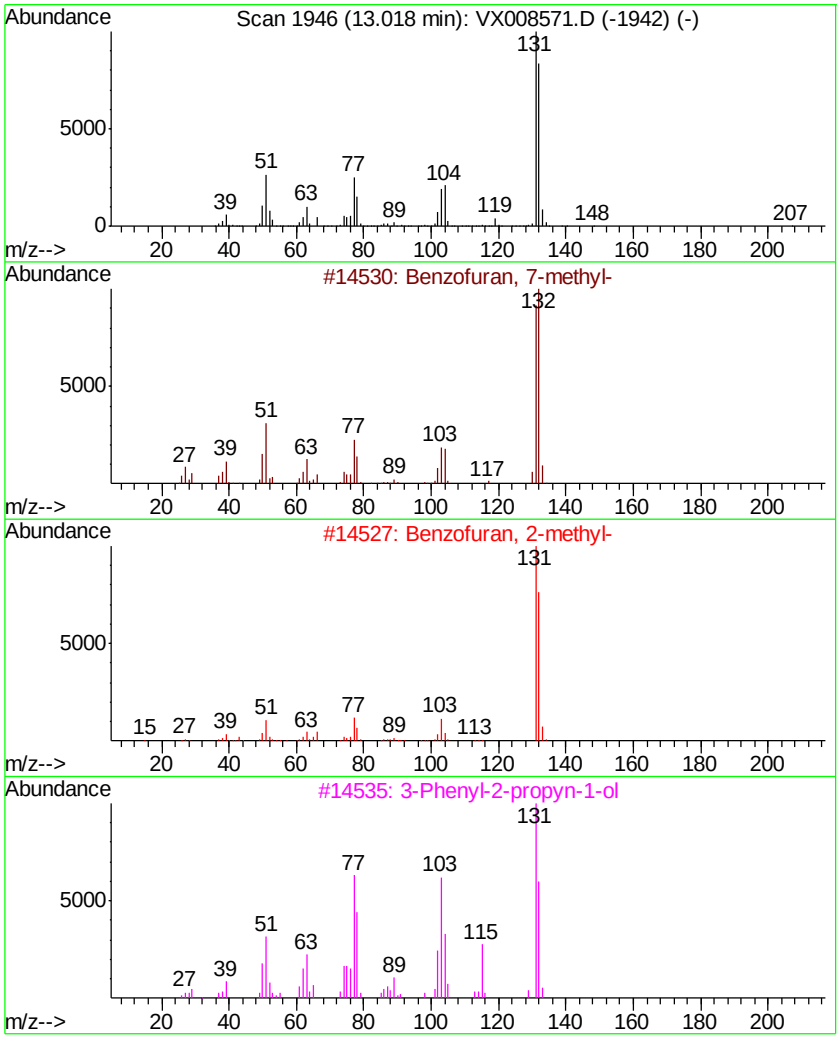
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

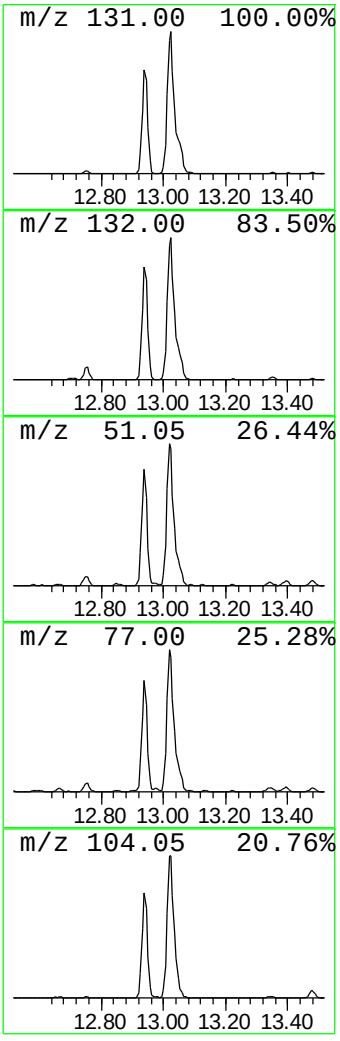
****

Peak Number 6 Benzofuran, 7-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	89.85 ug/l	1646190	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	94
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
3	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	91
4	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	90
5	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	90





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX040119\
Data File : VX008571.D
Acq On : 01 Apr 2019 16:10
Operator : JC/SP
Sample : K2176-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : QNWP8-MW27S-GW

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
Quant Title : SW846 8260

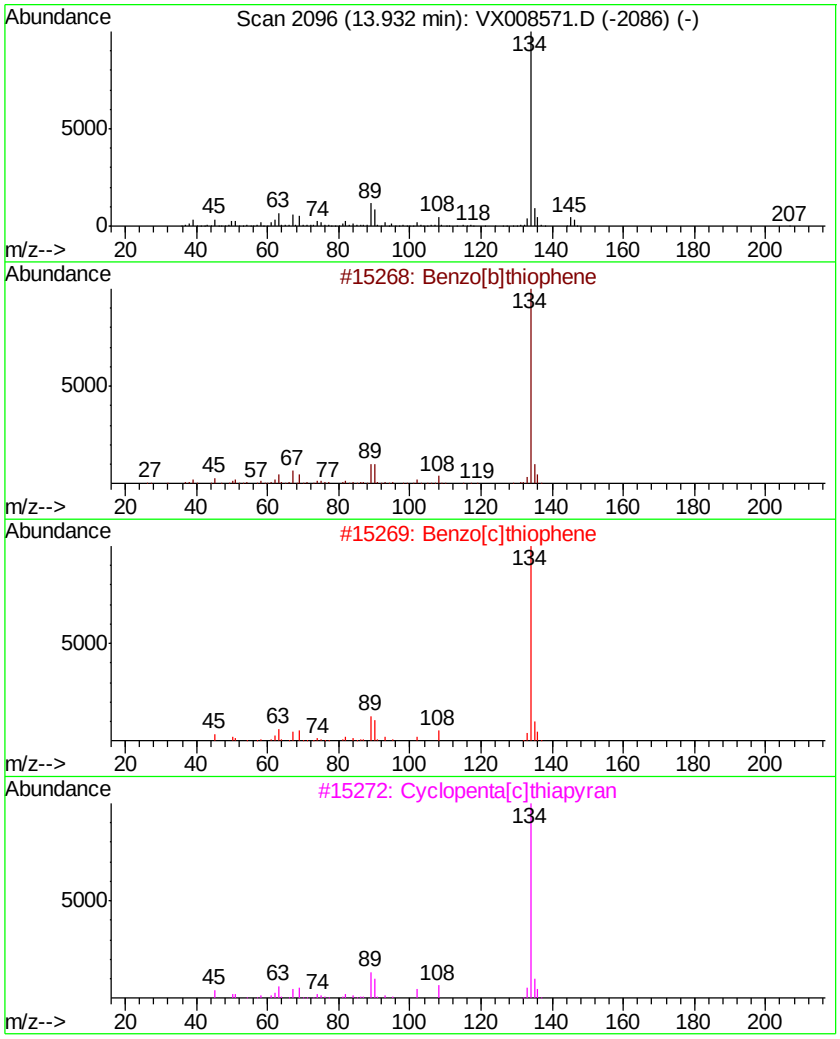
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

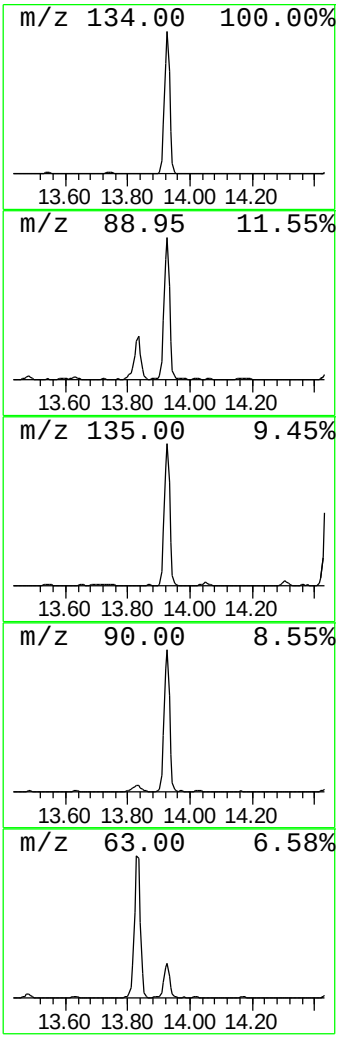
****

Peak Number 7 Benzo[b]thiophene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.93	43.77 ug/l	801994	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene	134	C8H6S	000095-15-8	97
2	Benzo[c]thiophene	134	C8H6S	000270-82-6	97
3	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	94
4	[1]Benzothieno[2',3':3,4]cyclobu...	246	C13H10O3S	034002-19-2	40
5	5H-Pyrrolo(3,2-d)pyrimidin-4-amine	134	C6H6N4	002227-98-7	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX040119\
Data File : VX008571.D
Acq On : 01 Apr 2019 16:10
Operator : JC/SP
Sample : K2176-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : QNWP8-MW27S-GW

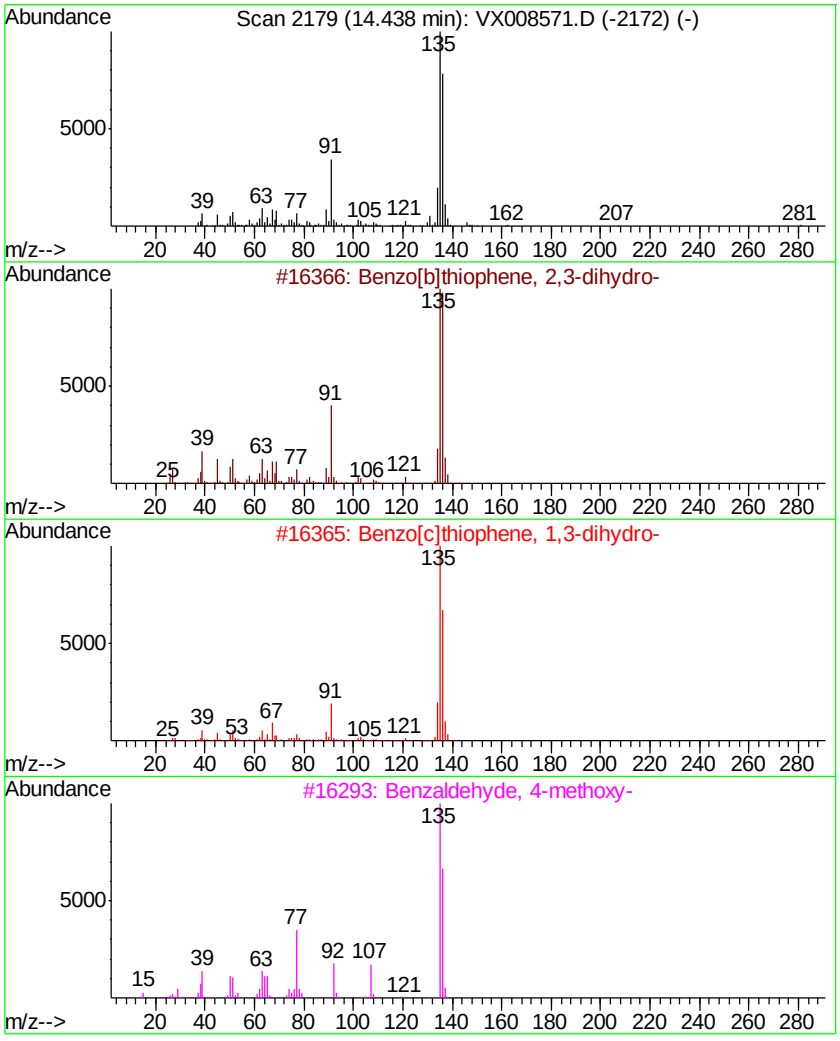
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
Quant Title : SW846 8260

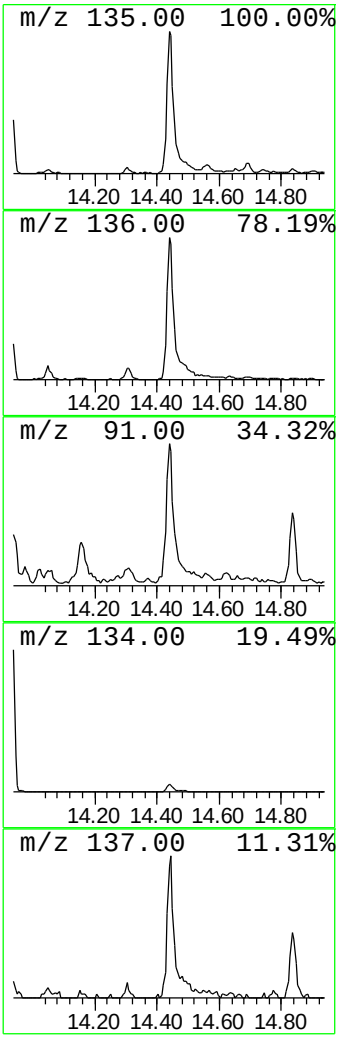
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzo[b]thiophene, 2,3-dihy... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.44	7.91 ug/l	144951	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 2,3-dihydro-	136	C8H8S	004565-32-6	95
2	Benzo[c]thiophene, 1,3-dihydro-	136	C8H8S	002471-92-3	81
3	Benzaldehyde, 4-methoxy-	136	C8H8O2	000123-11-5	64
4	Benzene, (ethenylthio)-	136	C8H8S	001822-73-7	64
5	Benzaldehyde, 2-hydroxy-4-methyl-	136	C8H8O2	000698-27-1	59





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040119\
Data File : VX008571.D
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Operator : JC/SP
Sample : K2176-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : QNWP8-MW27S-GW

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
Quant Title : SW846 8260

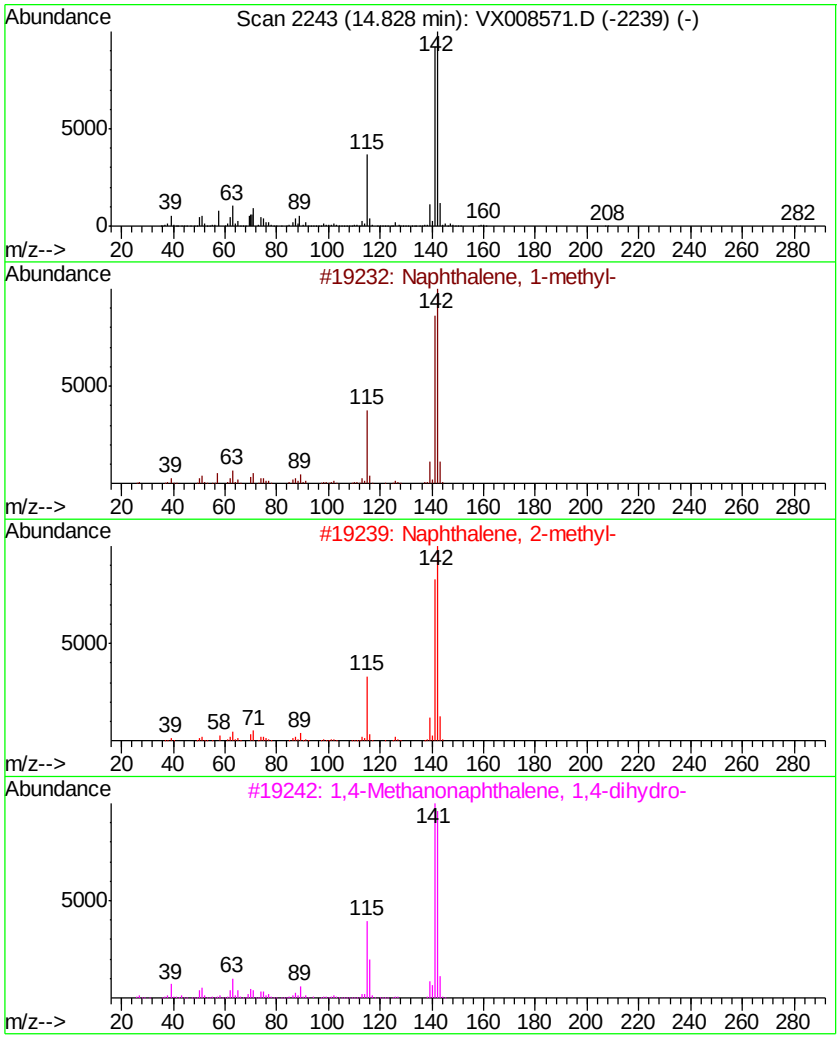
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

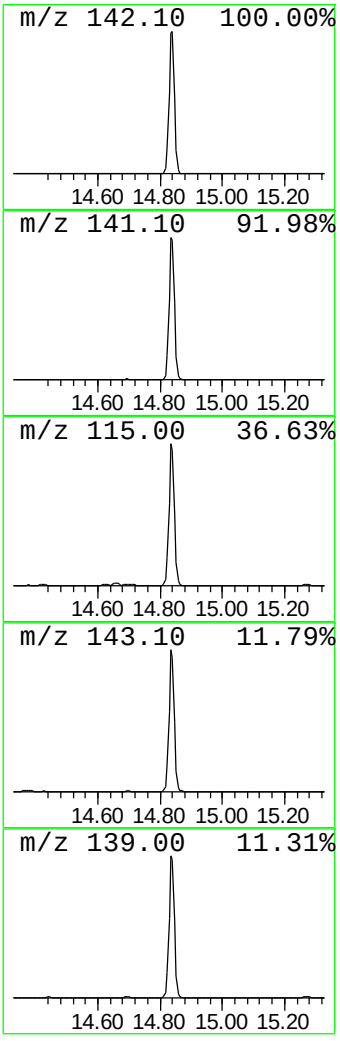
****

Peak Number 9 Naphthalene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	58.69 ug/l	1075240	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	93
4	Benzocycloheptatriene	142	C11H10	000264-09-5	90
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040119\
Data File : VX008571.D
Acq On : 01 Apr 2019 16:10
Operator : JC/SP
Sample : K2176-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : QNWP8-MW27S-GW

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
Quant Title : SW846 8260

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

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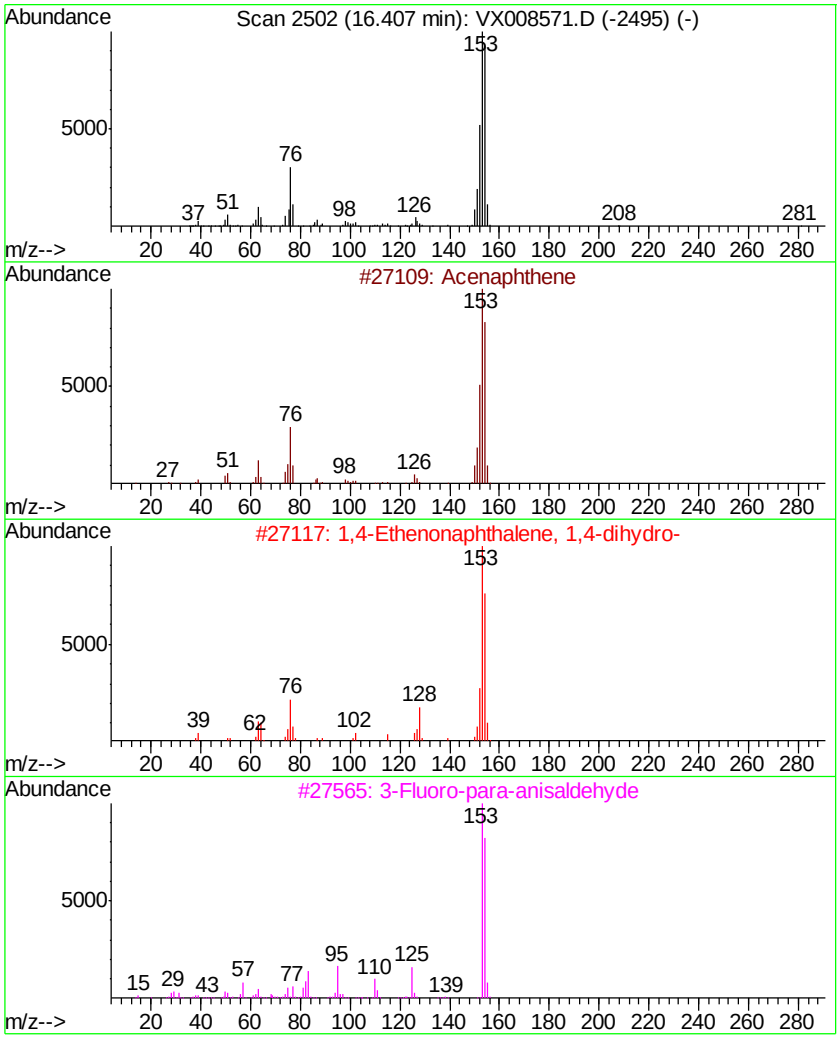
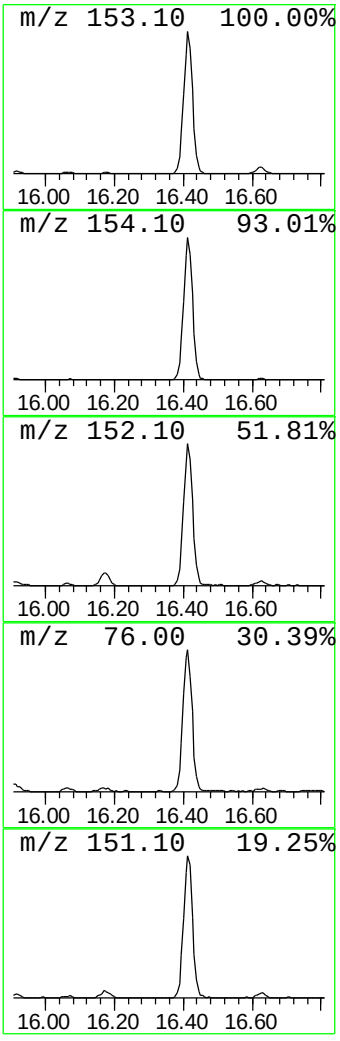
Peak Number 10 Acenaphthene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.41	15.57 ug/l	285330	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acenaphthene	154	C12H10	000083-32-9	96
2	1,4-Ethenonaphthalene, 1,4-dihydro-	154	C12H10	007322-47-6	53
3	3-Fluoro-para-anisaldehyde	154	C8H7FO2	000351-54-2	50
4	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	38
5	Biphenyl	154	C12H10	000092-52-4	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX040119\
Data File : VX008571.D
Acq On : 01 Apr 2019 16:10
Operator : JC/SP
Sample : K2176-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : QNWP8-MW27S-GW

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.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
Indane	12.30	157.9	ug/l	2892950	4	12.08	916071	50.0
Indene	12.47	29.9	ug/l	547807	4	12.08	916071	50.0
Indan, 1-methyl-	12.76	12.6	ug/l	231561	4	12.08	916071	50.0
Benzofuran, 2-met...	12.94	46.5	ug/l	852948	4	12.08	916071	50.0
Benzofuran, 7-met...	13.02	89.8	ug/l	1646190	4	12.08	916071	50.0
Benzo[b]thiophene	13.93	43.8	ug/l	801994	4	12.08	916071	50.0
Benzo[b]thiophene...	14.44	7.9	ug/l	144951	4	12.08	916071	50.0
Naphthalene, 1-me...	14.83	58.7	ug/l	1075240	4	12.08	916071	50.0
Acenaphthene	16.41	15.6	ug/l	285330	4	12.08	916071	50.0