LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080118\
Data File : VU025782.D
Acq On : 01 Aug 2018 17:29
Operator : MD/SY
Sample : J4262-07
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DUP-073118

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_U\METHOD\82U072718W.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	1.088	136	155	174	rBV	818952	886114	9.73%	2.835%
2	4.889	1319	1337	1353	rBV	194114	432123	4.74%	1.383%
3	4.989	1353	1368	1387	rVB	256863	562509	6.18%	1.800%
4	5.313	1451	1469	1483	rBV	190634	405974	4.46%	1.299%
5	5.394	1483	1494	1513	rVB	140500	296691	3.26%	0.949%
6	5.892	1634	1649	1677	rBV	368937	729773	8.01%	2.335%
7	7.570	2152	2171	2186	rBV	691598	1205531	13.23%	3.857%
8	9.091	2632	2644	2661	rBV	551070	921665	10.12%	2.949%
9	9.252	2680	2694	2717	rVB	70444	118962	1.31%	0.381%
10	9.381	2717	2734	2747	rBV	61450	103128	1.13%	0.330%
11	10.168	2968	2979	2991	rBV	156618	245303	2.69%	0.785%
12	10.310	3011	3023	3039	rBV	587604	916307	10.06%	2.932%
13	10.975	3217	3230	3253	rVB	95029	153778	1.69%	0.492%
14	11.152	3263	3285	3298	rBV	60883	98326	1.08%	0.315%
15	11.487	3378	3389	3400	rBV	766899	1190140	13.07%	3.808%
16	11.574	3408	3416	3427	rVB	93971	145220	1.59%	0.465%
17	11.770	3463	3477	3497	rBV	3985207	6210905	68.18%	19.871%
18	11.982	3533	3543	3557	rVB	215324	336265	3.69%	1.076%
19	12.255	3613	3628	3636	rBV	78442	130226	1.43%	0.417%
20	12.358	3649	3660	3680	rBV	165272	304414	3.34%	0.974%
21	12.596	3725	3734	3744	rBV	95826	140290	1.54%	0.449%
22	12.702	3758	3767	3786	rVB2	118657	252231	2.77%	0.807%
23	12.969	3841	3850	3866	rVB	113816	182485	2.00%	0.584%
24	13.127	3878	3899	3910	rBV2	223400	396835	4.36%	1.270%
25	13.188	3910	3918	3929	rVB2	72816	119877	1.32%	0.384%
26	13.294	3940	3951	3971	rVB2	193099	342015	3.75%	1.094%
27	13.512	4010	4019	4025	rBV3	65053	95601	1.05%	0.306%
28	13.744	4073	4091	4117	rBV	5804672	9109095	100.00%	29.144%
29	13.863	4118	4128	4138	rBV	142389	231289	2.54%	0.740%
30	14.345	4266	4278	4302	rBV7	62703	175992	1.93%	0.563%
31	14.477	4302	4319	4329	rVV4	66122	148019	1.62%	0.474%
32	14.538	4329	4338	4353	rVB6	73036	150396	1.65%	0.481%
33	14.696	4374	4387	4397	rBV5	40248	92522	1.02%	0.296%
34	14.824	4417	4427	4434	rBV	85404	133901	1.47%	0.428%

LSC Area Percent Report

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Operator : MD/SY
Sample : J4262-07
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DUP-073118

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_U\METHOD\82U072718W.M
Title : SW846 8260

35	14.879	4434	4444	4454	rVV	654075	1029410	11.30%	3.293%
36	14.930	4454	4460	4472	rVB2	71737	115039	1.26%	0.368%
37	15.065	4490	4502	4520	rBV	1035667	1739389	19.10%	5.565%
38	15.917	4756	4767	4774	rBV2	86659	153445	1.68%	0.491%
39	16.062	4802	4812	4820	rBV	169725	274392	3.01%	0.878%
40	16.265	4864	4875	4878	rBV2	69219	104029	1.14%	0.333%
41	16.435	4918	4928	4942	rBV2	75089	122446	1.34%	0.392%
42	16.548	4948	4963	4976	rBV7	39464	114539	1.26%	0.366%
43	16.741	5012	5023	5038	rBV	341706	546604	6.00%	1.749%
44	17.043	5105	5117	5128	rVB2	44884	92690	1.02%	0.297%

Sum of corrected areas: 31255885

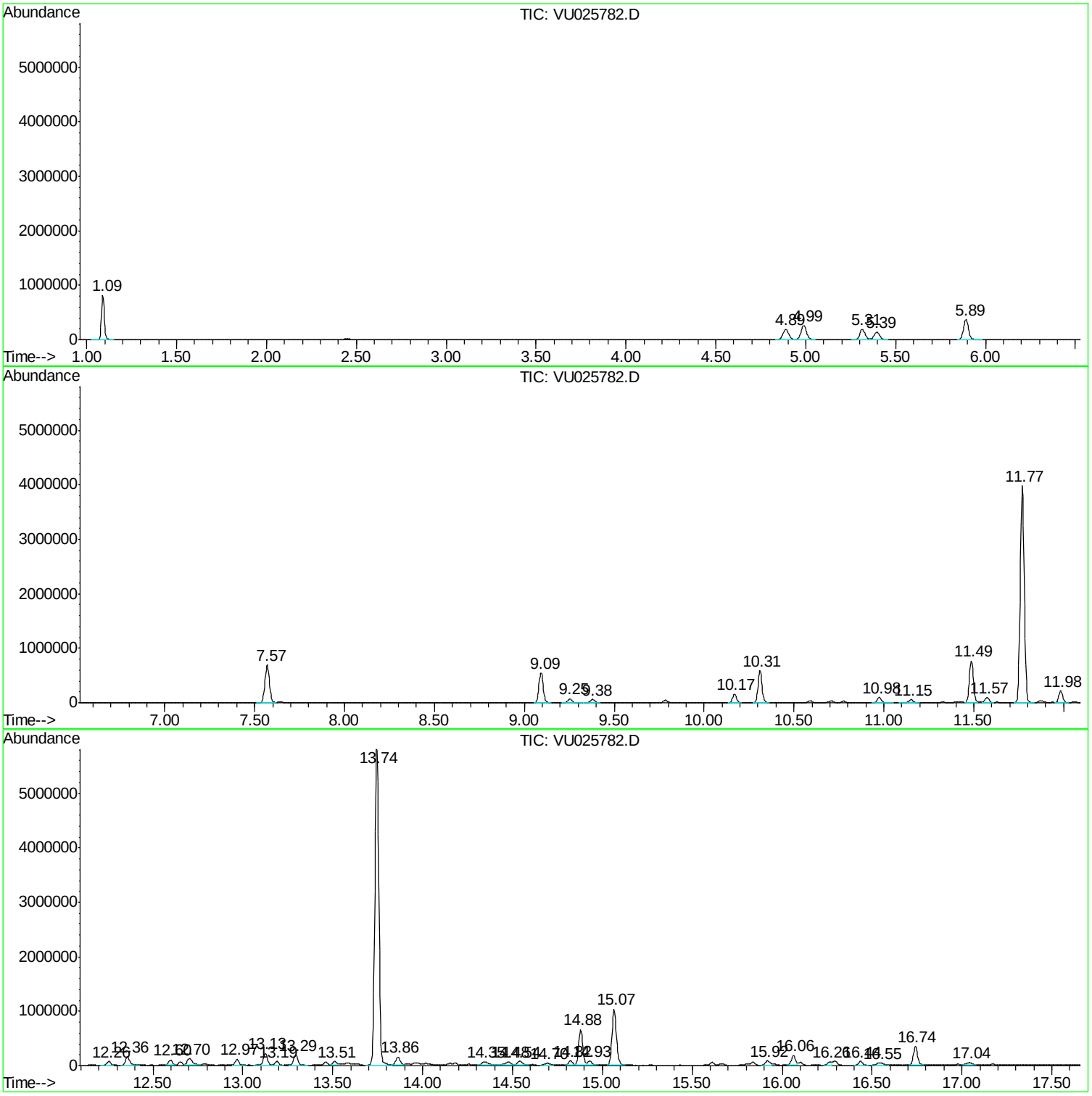
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080118\
Data File : VU025782.D
Acq On : 01 Aug 2018 17:29
Operator : MD/SY
Sample : J4262-07
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DUP-073118

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.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 U\DATA\VU080118\
Data File : VU025782.D
Acq On : 01 Aug 2018 17:29
Operator : MD/SY
Sample : J4262-07
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DUP-073118

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260

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

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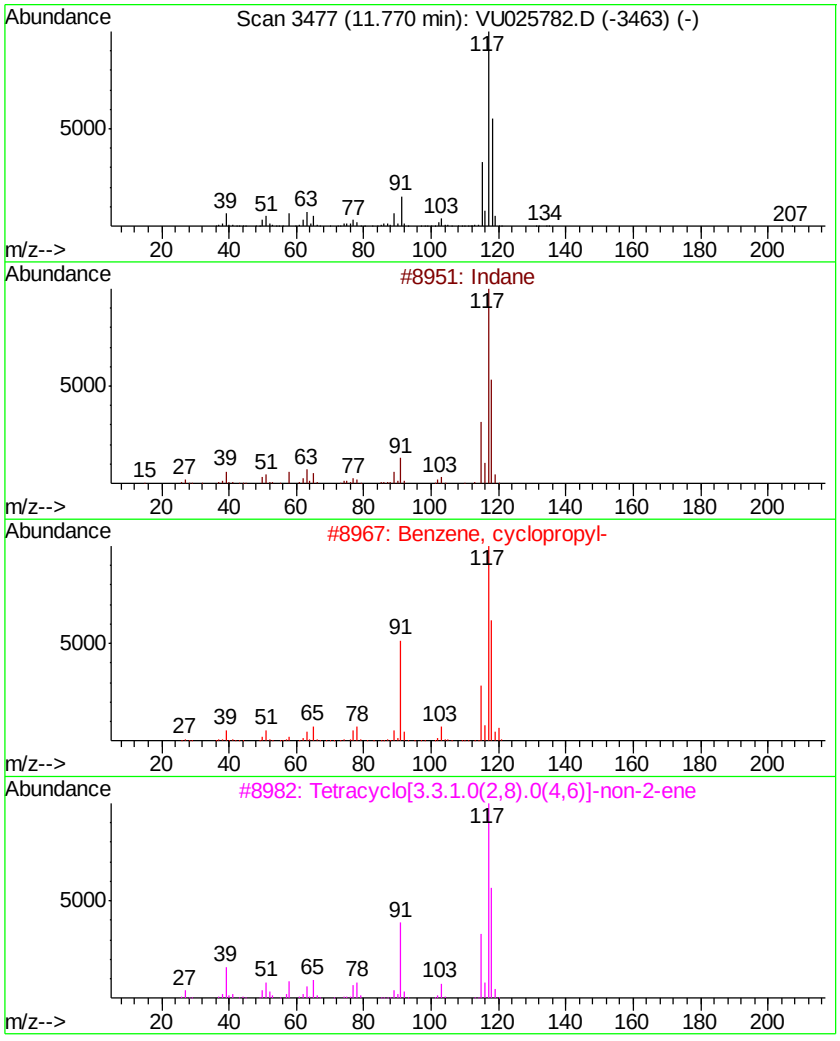
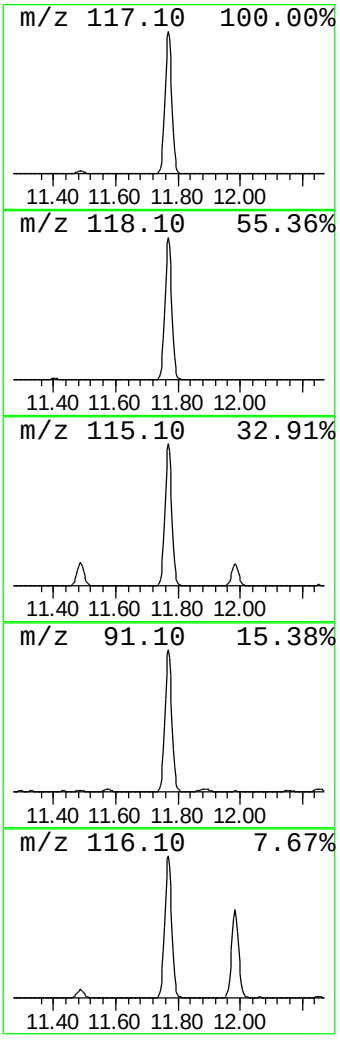
Peak Number 2 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	260.93 ug/l	6210910	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	83
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	72
5	Deltacyclene	118	C9H10	007785-10-6	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080118\
Data File : VU025782.D
Acq On : 01 Aug 2018 17:29
Operator : MD/SY
Sample : J4262-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DUP-073118

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260

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

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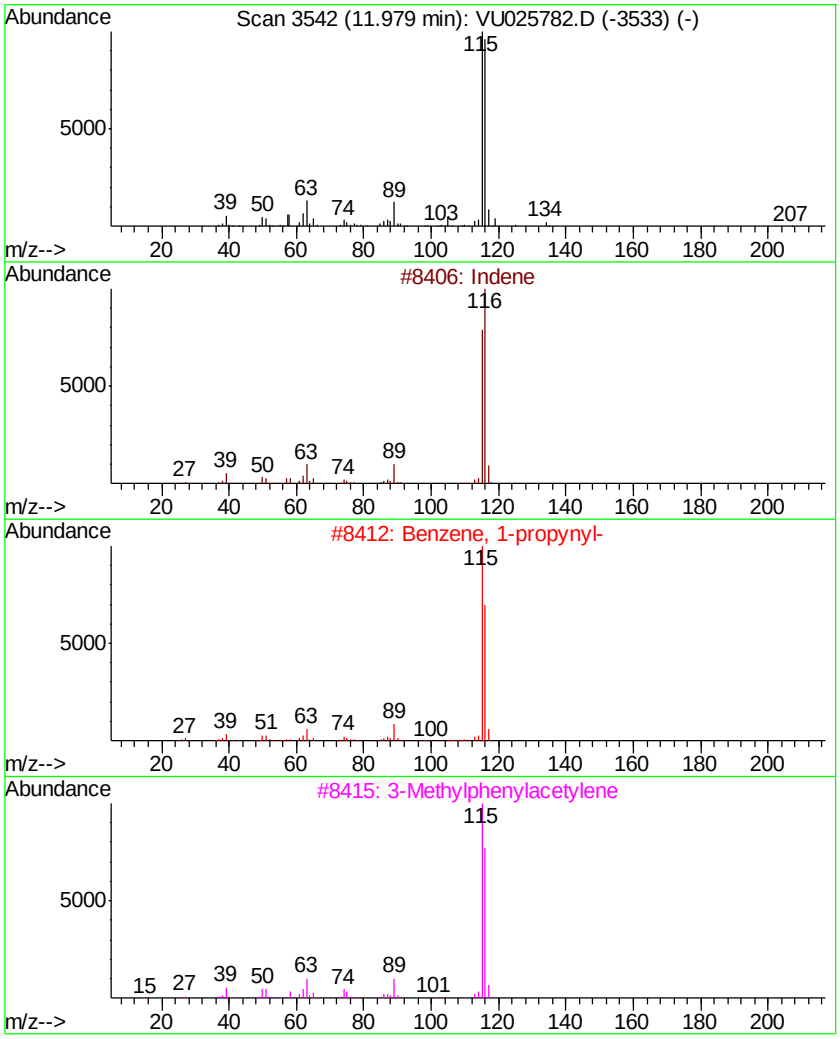
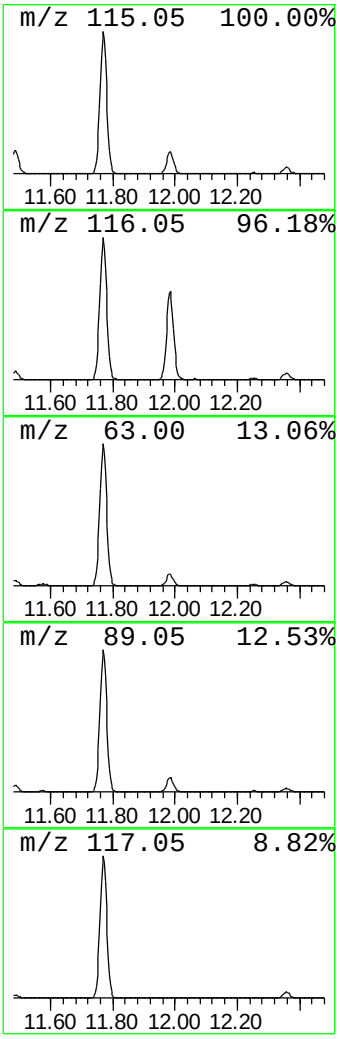
Peak Number 3 Indene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	14.13 ug/l	336265	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	95
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
3	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
4	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	90
5	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	87





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080118\
Data File : VU025782.D
Acq On : 01 Aug 2018 17:29
Operator : MD/SY
Sample : J4262-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DUP-073118

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260

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

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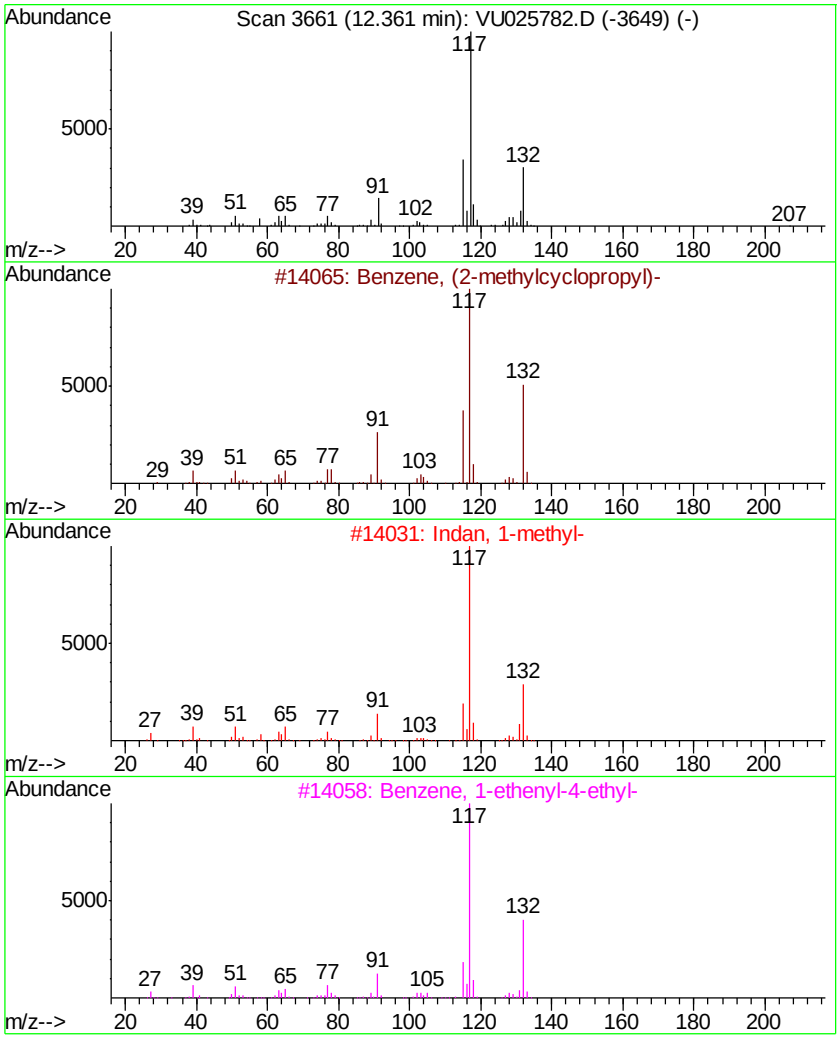
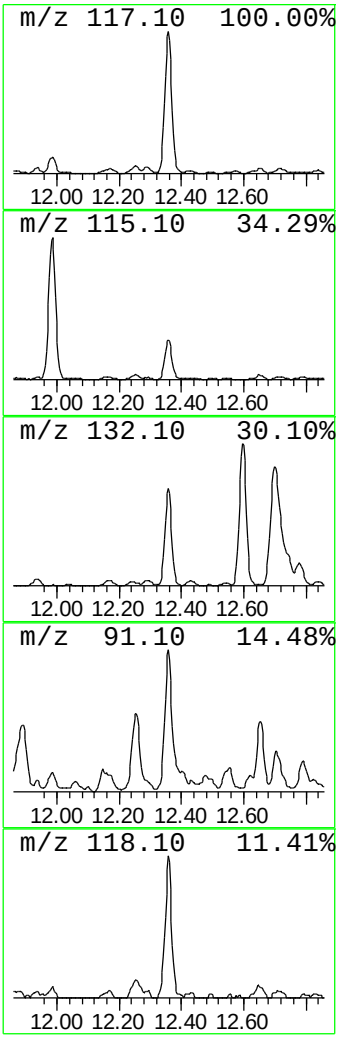
Peak Number 4 Benzene, (2-methylcycloprop... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	12.79 ug/l	304414	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	90
2	Indan, 1-methyl-	132	C10H12	000767-58-8	90
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	87
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	83





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080118\
Data File : VU025782.D
Acq On : 01 Aug 2018 17:29
Operator : MD/SY
Sample : J4262-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DUP-073118

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260

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

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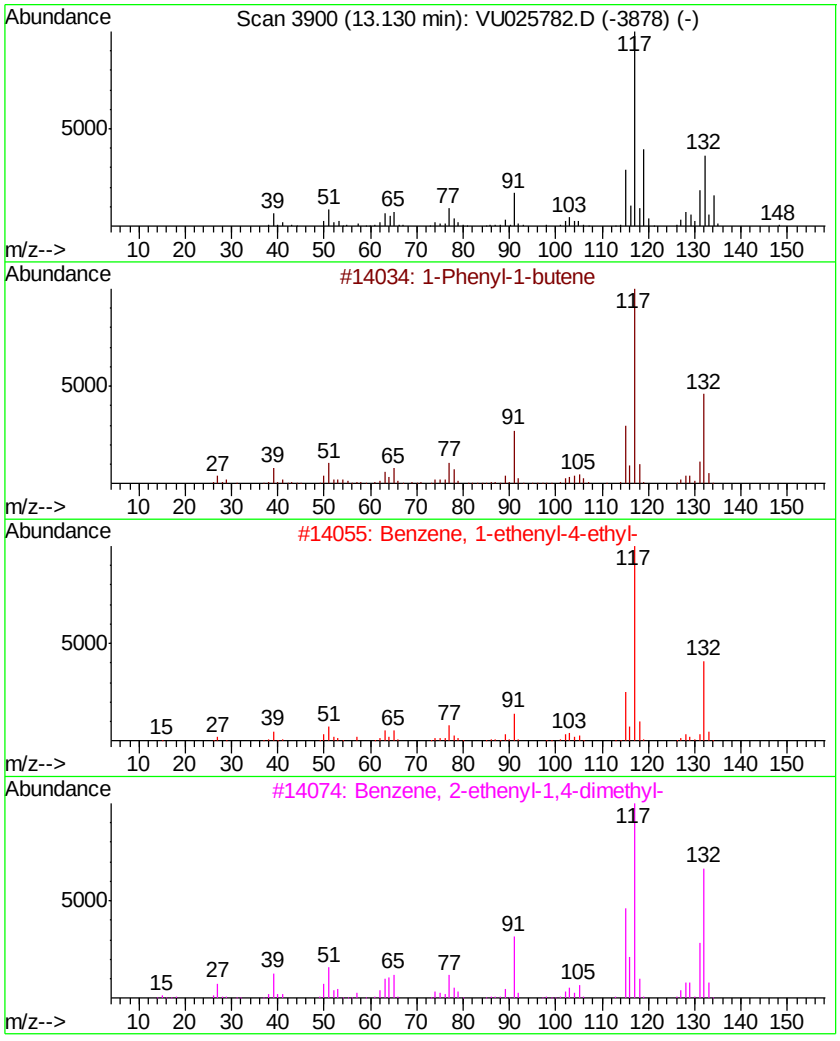
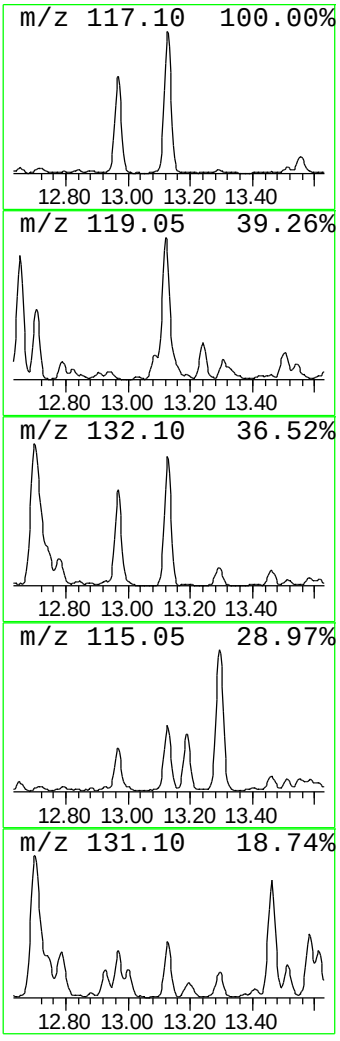
Peak Number 5 1-Phenyl-1-butene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	16.67 ug/l	396835	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	92
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	92
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	87
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	70
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	70





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080118\
Data File : VU025782.D
Acq On : 01 Aug 2018 17:29
Operator : MD/SY
Sample : J4262-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DUP-073118

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260

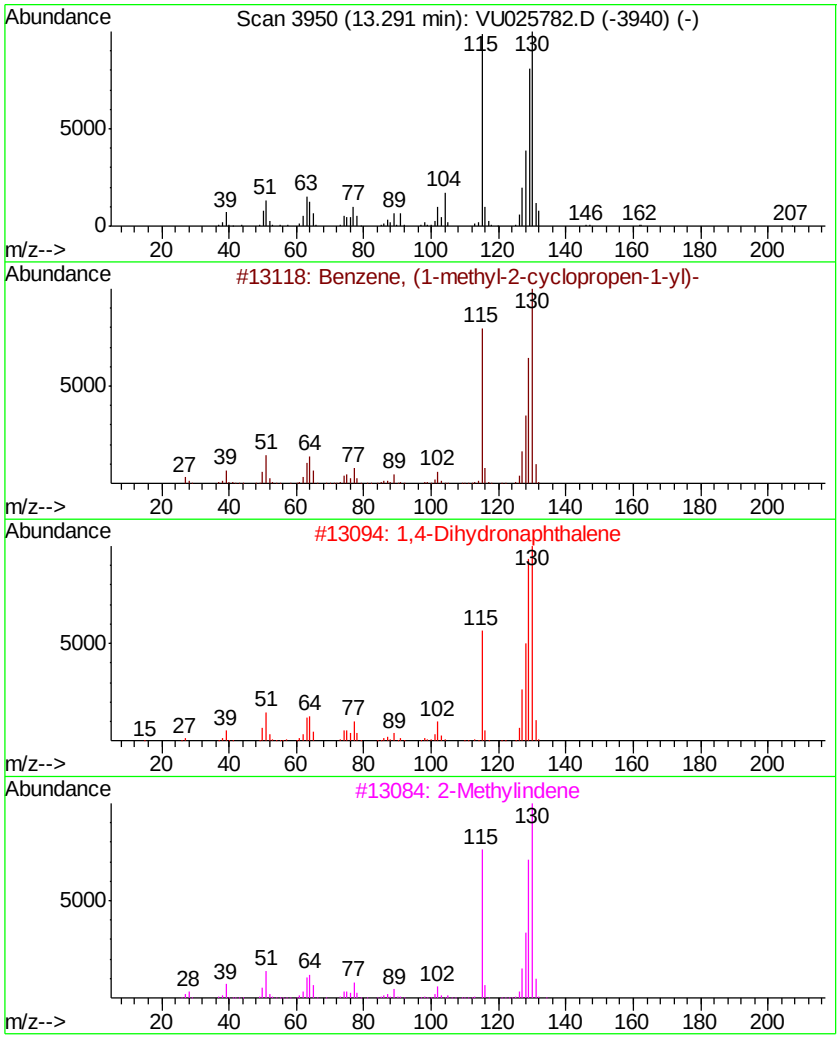
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

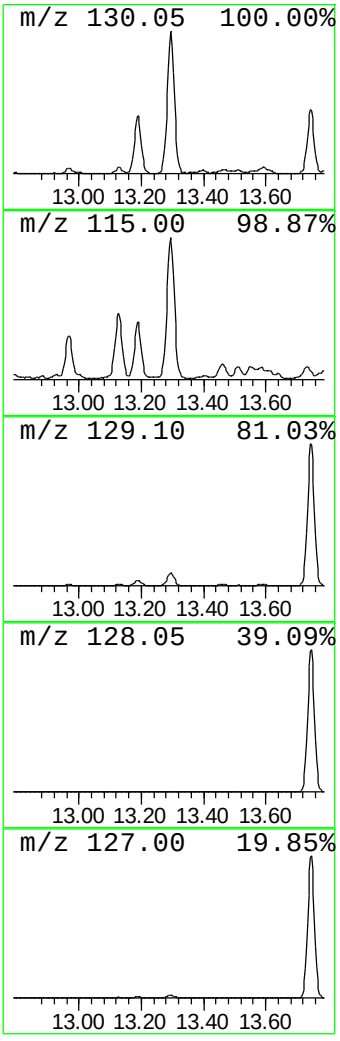
****

Peak Number 6 Benzene, (1-methyl-2-cyclop... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	14.37 ug/l	342015	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	96
2	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	96
3	2-Methylindene	130	C10H10	002177-47-1	95
4	1H-Indene, 3-methyl-	130	C10H10	000767-60-2	94
5	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	94





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080118\
Data File : VU025782.D
Acq On : 01 Aug 2018 17:29
Operator : MD/SY
Sample : J4262-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DUP-073118

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260

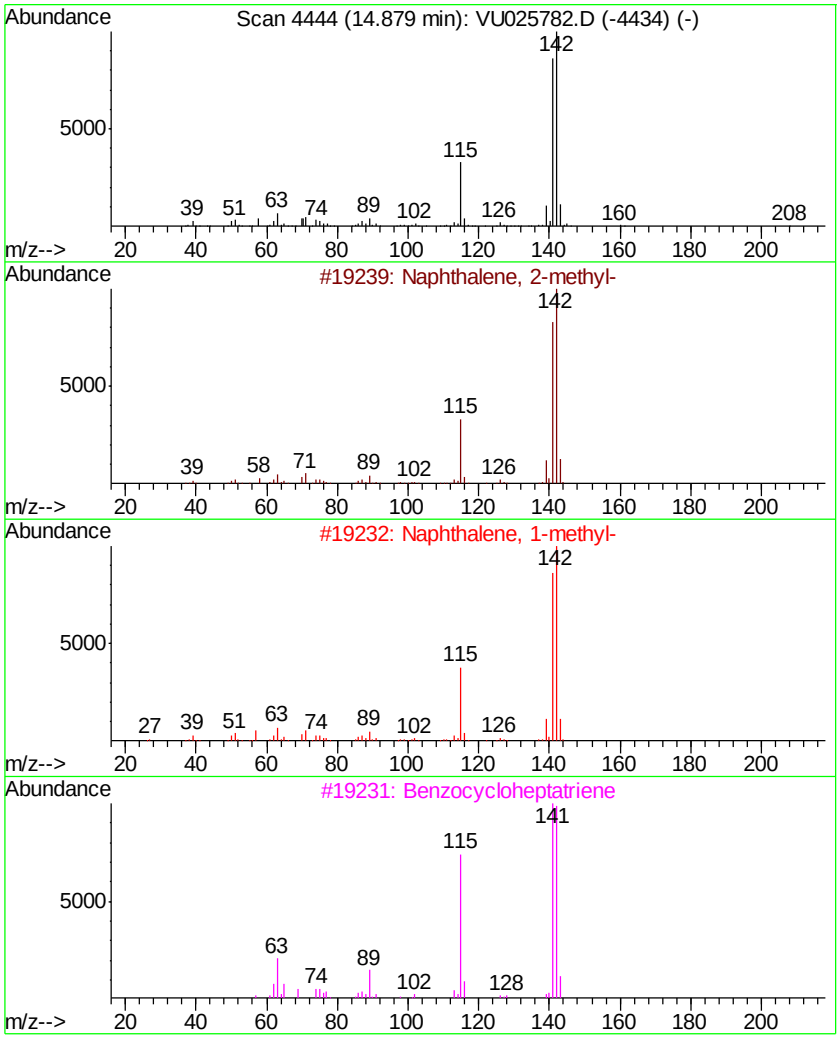
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

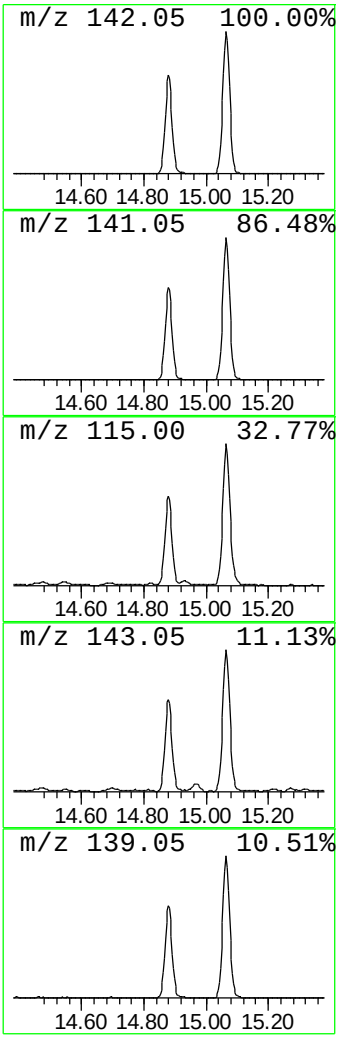
****

Peak Number 7 Naphthalene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	43.25 ug/l	1029410	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Benzocycloheptatriene	142	C11H10	000264-09-5	91
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	64





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ALS Vial : 47 Sample Multiplier: 1

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260

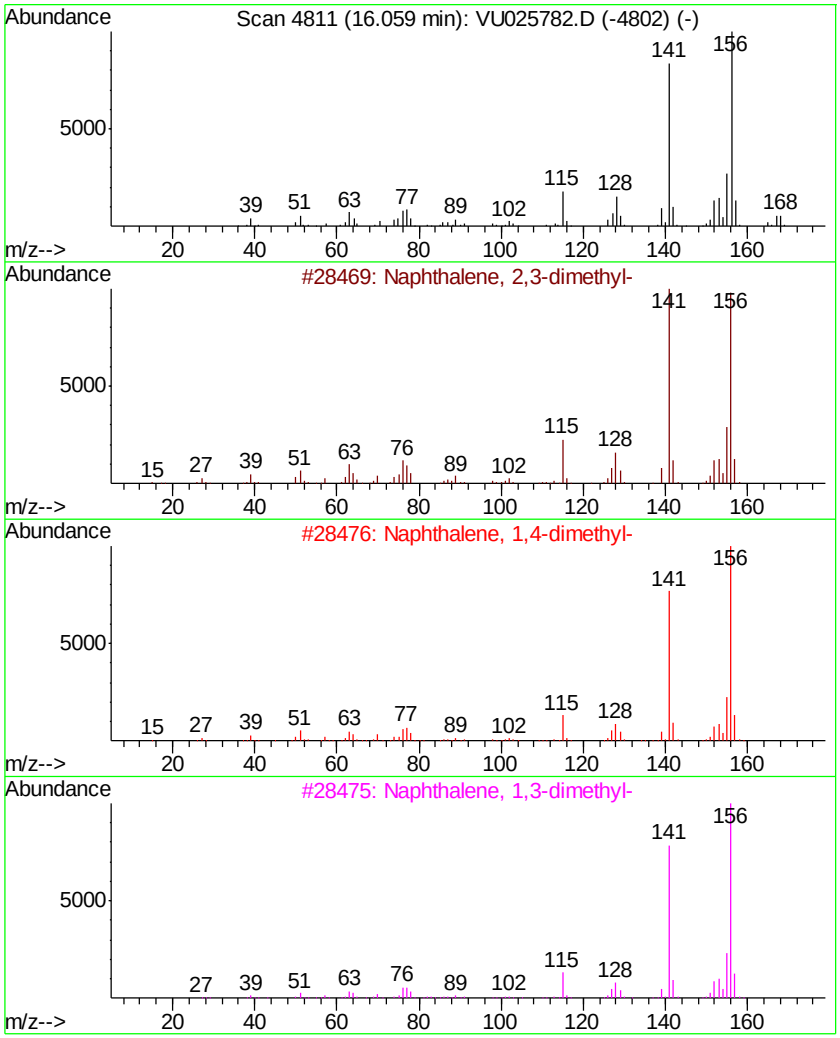
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

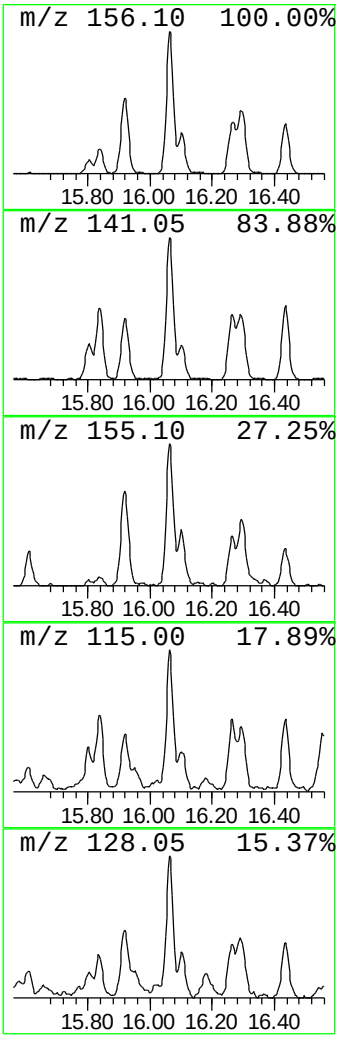
****

Peak Number 9 Naphthalene, 2,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.06	11.53 ug/l	274392	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080118\
Data File : VU025782.D
Acq On : 01 Aug 2018 17:29
Operator : MD/SY
Sample : J4262-07
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DUP-073118

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260

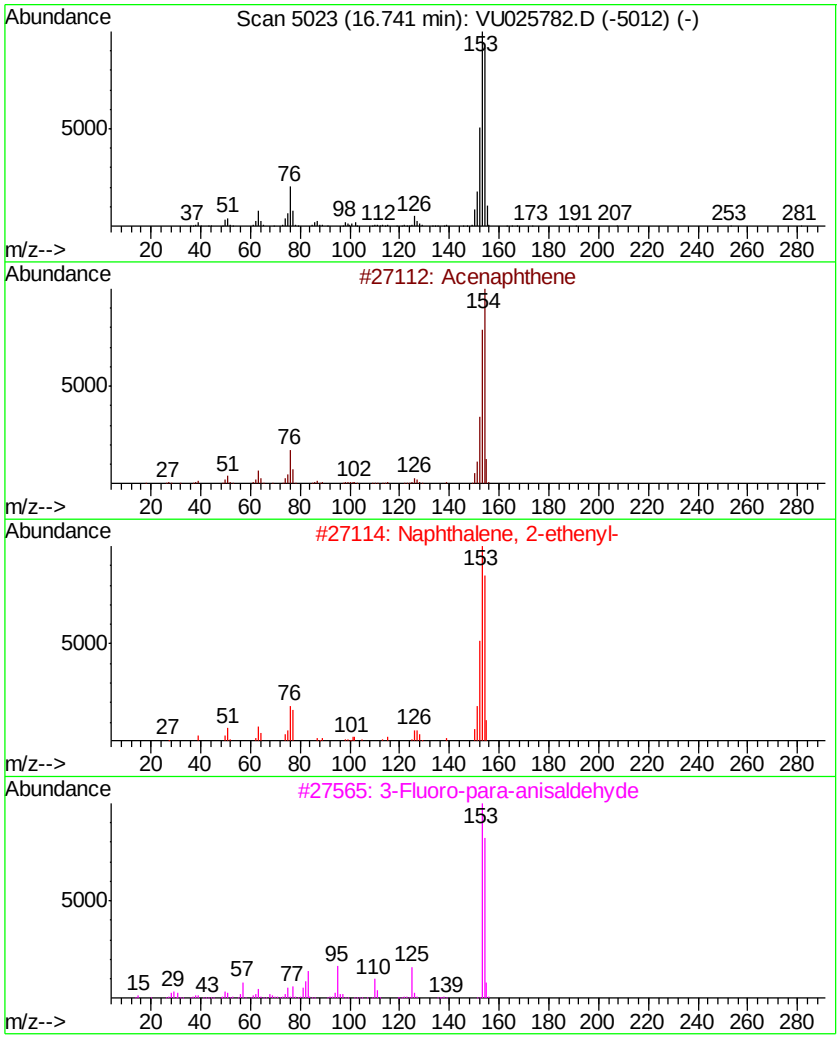
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

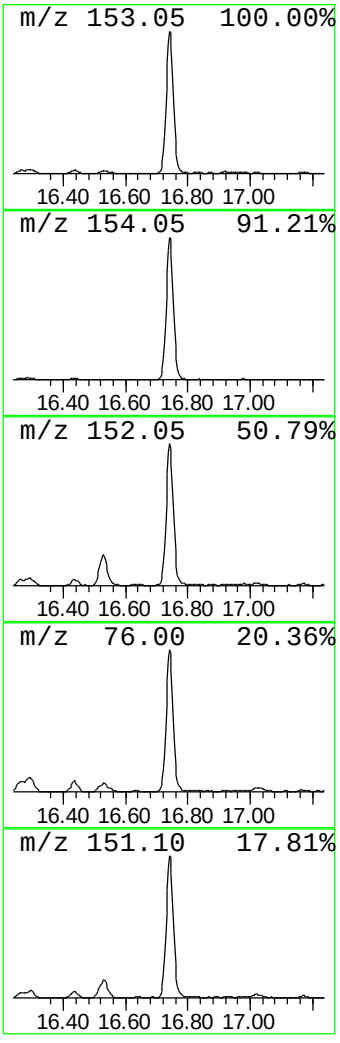
****

Peak Number 10 Acenaphthene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.74	22.96 ug/l	546604	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acenaphthene	154	C12H10	000083-32-9	94
2	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	64
3	3-Fluoro-para-anisaldehyde	154	C8H7FO2	000351-54-2	50
4	1,4-Ethenonaphthalene, 1,4-dihydro-	154	C12H10	007322-47-6	45
5	Biphenyl	154	C12H10	000092-52-4	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080118\
Data File : VU025782.D
Acq On : 01 Aug 2018 17:29
Operator : MD/SY
Sample : J4262-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DUP-073118

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.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	11.77	260.9	ug/l	6210910	4	11.49	1190140	50.0
Indene	11.98	14.1	ug/l	336265	4	11.49	1190140	50.0
Benzene, (2-methy...	12.36	12.8	ug/l	304414	4	11.49	1190140	50.0
1-Phenyl-1-butene	13.13	16.7	ug/l	396835	4	11.49	1190140	50.0
Benzene, (1-methy...	13.29	14.4	ug/l	342015	4	11.49	1190140	50.0
Naphthalene, 1-me...	14.88	43.3	ug/l	1029410	4	11.49	1190140	50.0
Naphthalene, 2,3-...	16.06	11.5	ug/l	274392	4	11.49	1190140	50.0
Acenaphthene	16.74	23.0	ug/l	546604	4	11.49	1190140	50.0