LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111318\
Data File : VU028087.D
Acq On : 13 Nov 2018 13:17
Operator : MD/SY
Sample : J5925-17
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : TP-5-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_U\METHOD\82U110218W.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	4.884	1133	1154	1171	rBV	201914	453355	2.89%	0.421%
2	4.983	1171	1185	1208	rVB2	315577	709222	4.52%	0.659%
3	5.311	1272	1287	1303	rBV	237577	500117	3.19%	0.464%
4	5.887	1451	1466	1500	rBV	524411	1034304	6.60%	0.960%
5	6.421	1612	1632	1657	rBV3	142335	297957	1.90%	0.277%
6	7.565	1966	1988	2005	rBV	843332	1514853	9.66%	1.407%
7	9.089	2452	2462	2480	rVB	730486	1174899	7.49%	1.091%
8	9.951	2712	2730	2740	rBV3	150301	297693	1.90%	0.276%
9	10.044	2741	2759	2767	rVV5	143205	292705	1.87%	0.272%
10	10.167	2784	2797	2807	rBV	297929	471665	3.01%	0.438%
11	10.308	2831	2841	2855	rVB3	615234	1075989	6.86%	0.999%
12	10.588	2918	2928	2937	rBV	399695	606658	3.87%	0.563%
13	10.752	2971	2979	2990	rVV4	124757	241588	1.54%	0.224%
14	10.970	3039	3047	3054	rBV3	105302	183634	1.17%	0.171%
15	11.115	3084	3092	3097	rVV2	330398	479404	3.06%	0.445%
16	11.147	3098	3102	3113	rVB	220855	308831	1.97%	0.287%
17	11.273	3130	3141	3145	rBV2	113298	195955	1.25%	0.182%
18	11.327	3150	3158	3170	rVB2	379466	708290	4.52%	0.658%
19	11.398	3172	3180	3187	rBV2	203936	311261	1.99%	0.289%
20	11.482	3198	3206	3215	rBV	709761	1058908	6.75%	0.983%
21	11.530	3216	3221	3227	rVV2	164841	219136	1.40%	0.203%
22	11.572	3227	3234	3242	rVB	212246	277750	1.77%	0.258%
23	11.768	3284	3295	3315	rBV3	1218460	2362220	15.07%	2.193%
24	11.861	3315	3324	3329	rBV4	388173	667771	4.26%	0.620%
25	11.980	3354	3361	3367	rBV	217697	332673	2.12%	0.309%
26	12.179	3407	3423	3430	rBV6	292602	700825	4.47%	0.651%
27	12.250	3431	3445	3452	rBV2	1060248	1896022	12.09%	1.761%
28	12.356	3469	3478	3497	rBV4	1060957	2175653	13.88%	2.020%
29	12.511	3514	3526	3532	rBV6	353545	731138	4.66%	0.679%
30	12.610	3547	3557	3562	rBV5	662489	1083708	6.91%	1.006%
31	12.649	3563	3569	3578	rVV2	1086446	1703494	10.87%	1.582%
32	12.703	3578	3586	3603	rVB3	567782	1307300	8.34%	1.214%
33	12.787	3604	3612	3632	rVB2	445022	761253	4.86%	0.707%
34	12.880	3634	3641	3649	rBV3	318520	586214	3.74%	0.544%

LSC Area Percent Report

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Operator : MD/SY
Sample : J5925-17
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : TP-5-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_U\METHOD\82U110218W.M
Title : SW846 8260

35	12.964	3661	3667	3682	rVB	864366	1355888	8.65%	1.259%
36	13.041	3683	3691	3699	rBV8	308871	544621	3.47%	0.506%
37	13.121	3707	3716	3735	rVB2	3539291	6084435	38.81%	5.650%
38	13.282	3758	3766	3786	rVB3	1406769	2797767	17.84%	2.598%
39	13.408	3799	3805	3812	rVB3	370389	470279	3.00%	0.437%
40	13.456	3813	3820	3828	rVB	637436	948772	6.05%	0.881%
41	13.510	3828	3837	3844	rBV	979355	1577369	10.06%	1.465%
42	13.610	3863	3868	3873	rBV	354666	389963	2.49%	0.362%
43	13.736	3897	3907	3917	rVB3	1040754	2052273	13.09%	1.906%
44	13.790	3917	3924	3935	rBV4	527760	941978	6.01%	0.875%
45	13.855	3937	3944	3947	rVV	654377	905354	5.77%	0.841%
46	13.883	3948	3953	3965	rVV	1292289	1815747	11.58%	1.686%
47	13.954	3967	3975	3987	rVB6	1007191	1853706	11.82%	1.721%
48	14.150	4029	4036	4051	rVB	553477	1209176	7.71%	1.123%
49	14.346	4084	4097	4108	rBV5	2047123	4424400	28.22%	4.108%
50	14.539	4150	4157	4169	rVB4	878339	1676636	10.69%	1.557%
51	14.678	4192	4200	4212	rBV2	1188968	2185148	13.94%	2.029%
52	14.877	4251	4262	4275	rBV	8963272	15678675	100.00%	14.558%
53	15.012	4299	4304	4308	rBV5	268029	350970	2.24%	0.326%
54	15.063	4310	4320	4333	rVB	6515077	10328015	65.87%	9.590%
55	15.665	4500	4507	4516	rBV2	977827	1350125	8.61%	1.254%
56	15.800	4542	4549	4556	rBV	883101	1425201	9.09%	1.323%
57	15.916	4574	4585	4599	rBV	2866732	5203424	33.19%	4.832%
58	16.060	4621	4630	4637	rBV	3522271	5579442	35.59%	5.181%
59	16.099	4637	4642	4660	rVB	2185682	3356974	21.41%	3.117%
60	16.288	4685	4701	4724	rVB	1002449	2856376	18.22%	2.652%
61	16.433	4739	4746	4758	rVB	595050	925733	5.90%	0.860%
62	16.536	4773	4778	4785	rBV	151767	182600	1.16%	0.170%
63	16.768	4845	4850	4862	rVB	375845	565014	3.60%	0.525%
64	16.973	4908	4914	4921	rVB	378866	520073	3.32%	0.483%
65	17.018	4922	4928	4939	rVB	364386	536083	3.42%	0.498%
66	17.166	4968	4974	4984	rVB	341382	522287	3.33%	0.485%
67	17.227	4986	4993	5003	rBV3	237476	360388	2.30%	0.335%

Sum of corrected areas: 107697337

LSC Report - Integrated Chromatogram

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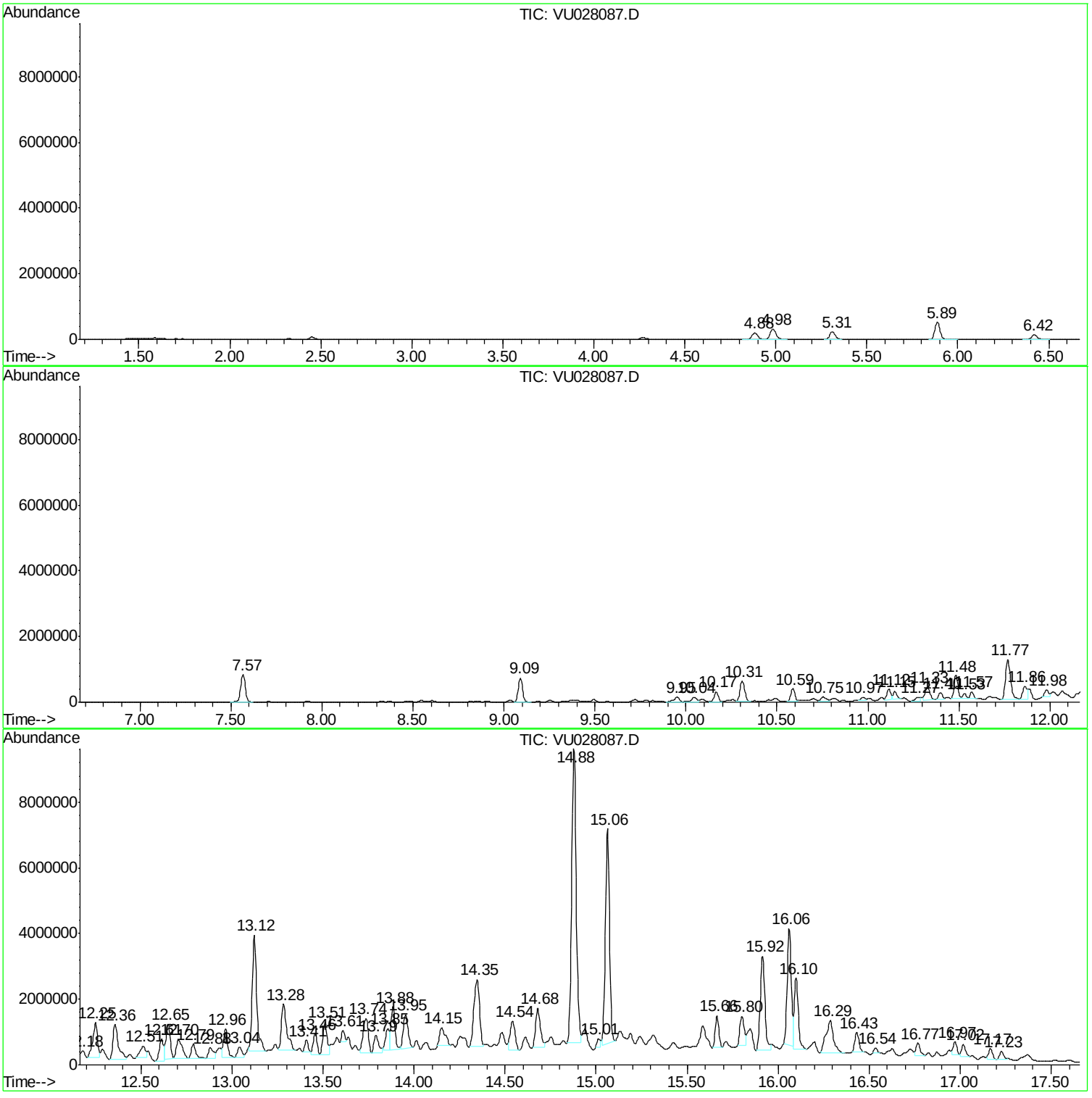
Data File : VU028087.D
Acq On : 13 Nov 2018 13:17
Operator : MD/SY
Sample : J5925-17
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : TP-5-GW

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.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\VU111318\
Data File : VU028087.D
Acq On : 13 Nov 2018 13:17
Operator : MD/SY
Sample : J5925-17
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : TP-5-GW

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
Quant Title : SW846 8260

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

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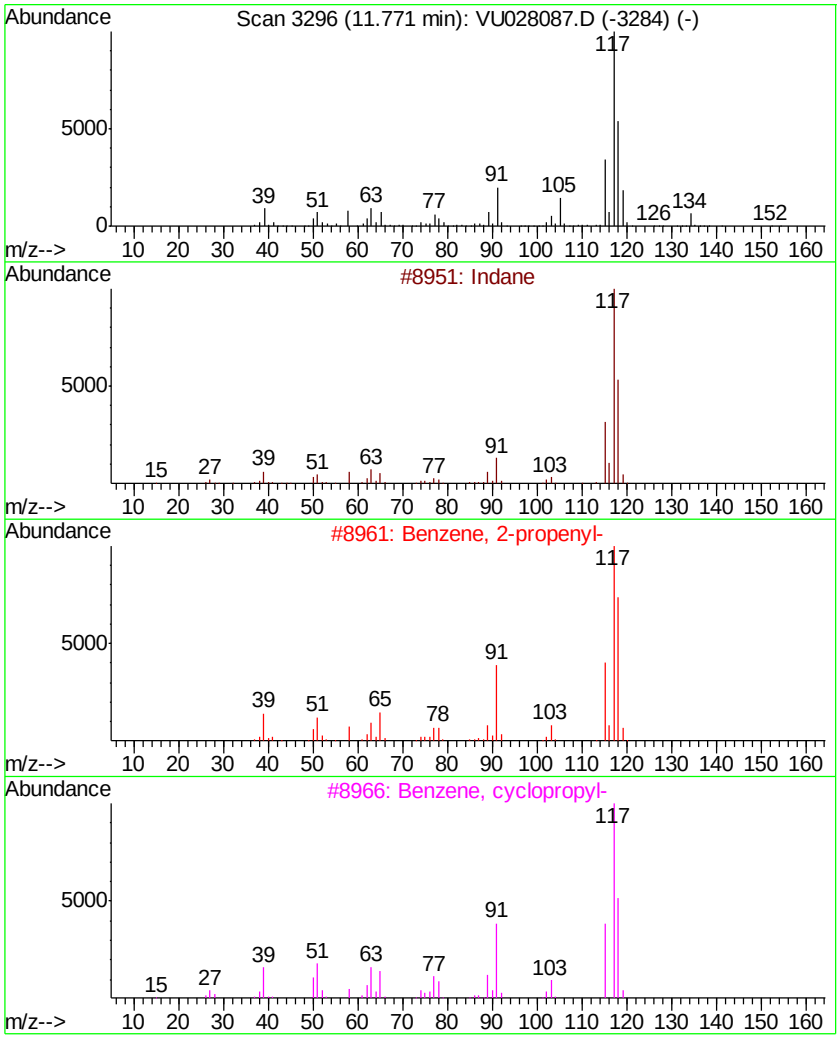
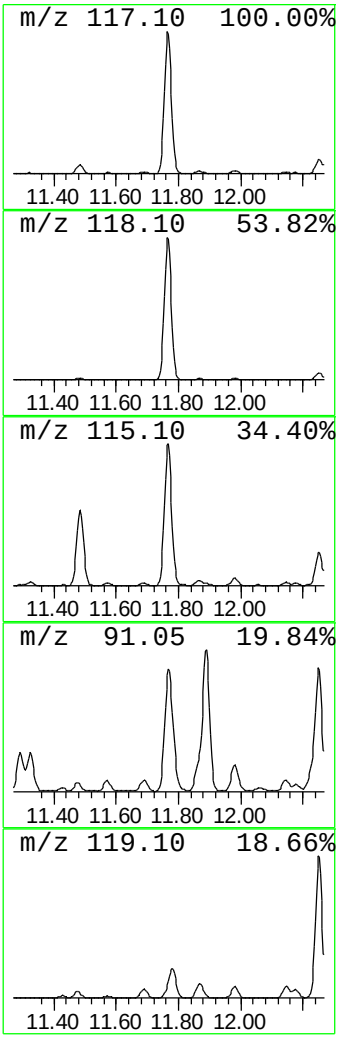
Peak Number 1 Indane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	111.54 ug/l	2362220	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	76
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	76
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	76
4	Deltacyclene	118	C9H10	007785-10-6	58
5	Benzene, (2-bromocyclopropyl)-	196	C9H9Br	036617-02-4	52





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111318\
Data File : VU028087.D
Acq On : 13 Nov 2018 13:17
Operator : MD/SY
Sample : J5925-17
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : TP-5-GW

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
Quant Title : SW846 8260

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

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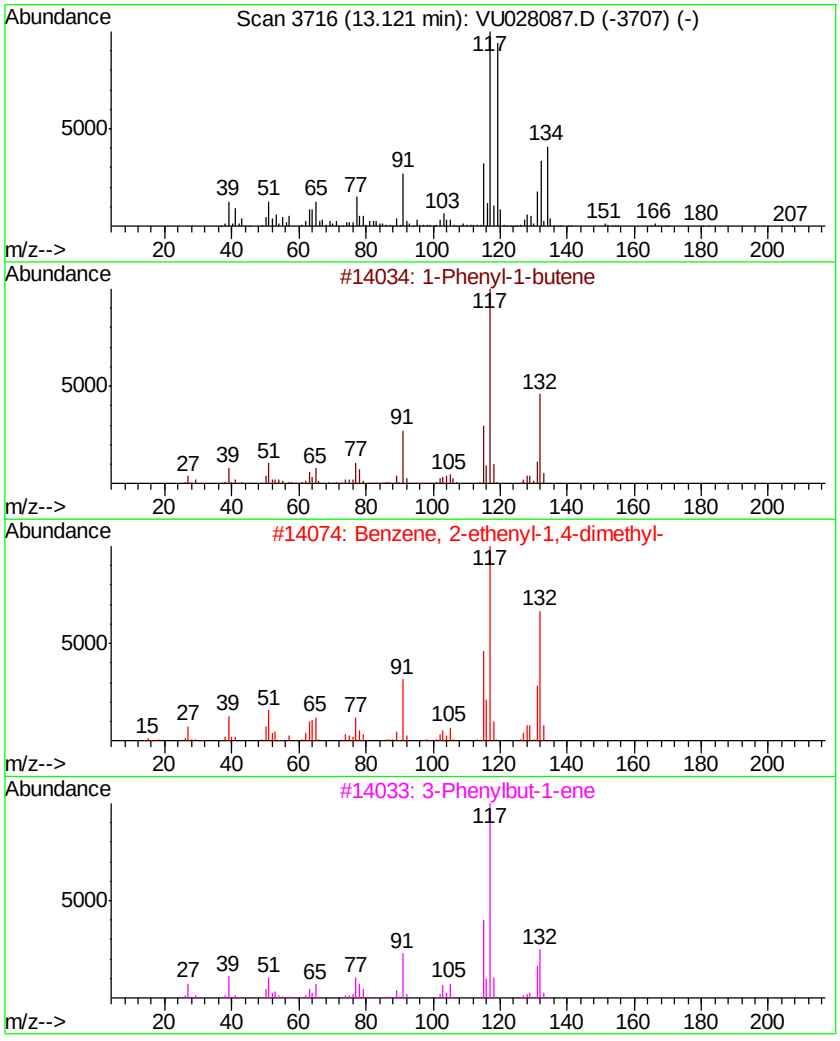
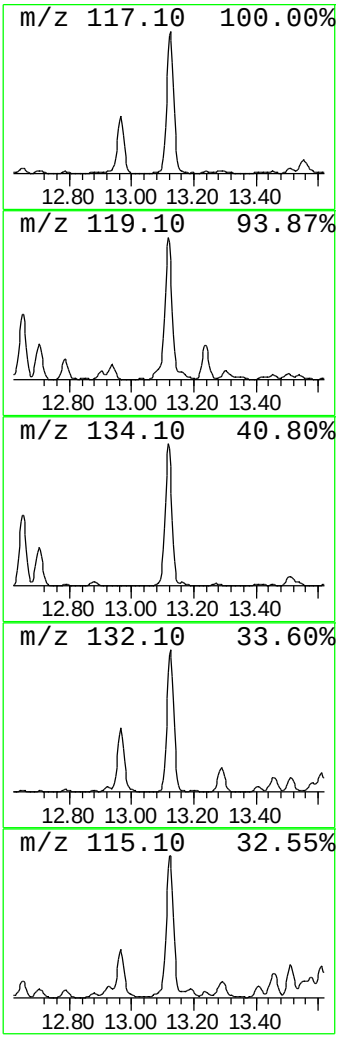
Peak Number 2 1-Phenyl-1-butene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	287.30 ug/l	6084440	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	70
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	55
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	55
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	55
5	o-Cymene	134	C10H14	000527-84-4	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111318\
Data File : VU028087.D
Acq On : 13 Nov 2018 13:17
Operator : MD/SY
Sample : J5925-17
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : TP-5-GW

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
Quant Title : SW846 8260

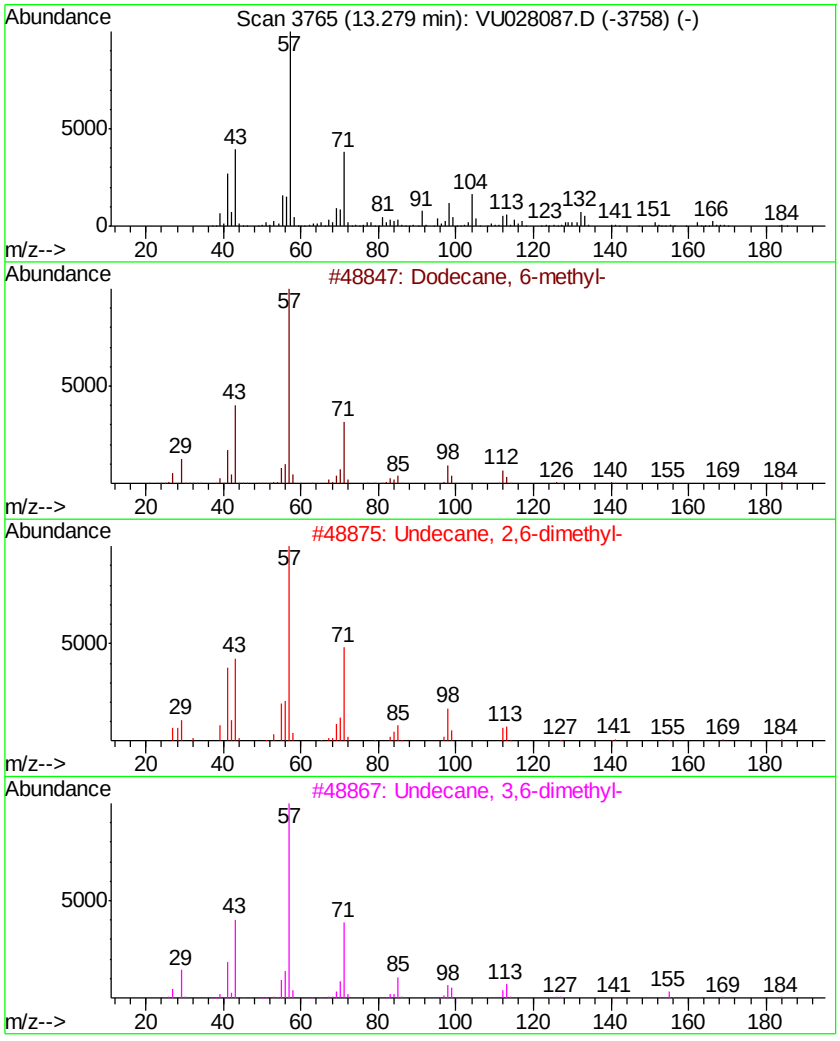
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

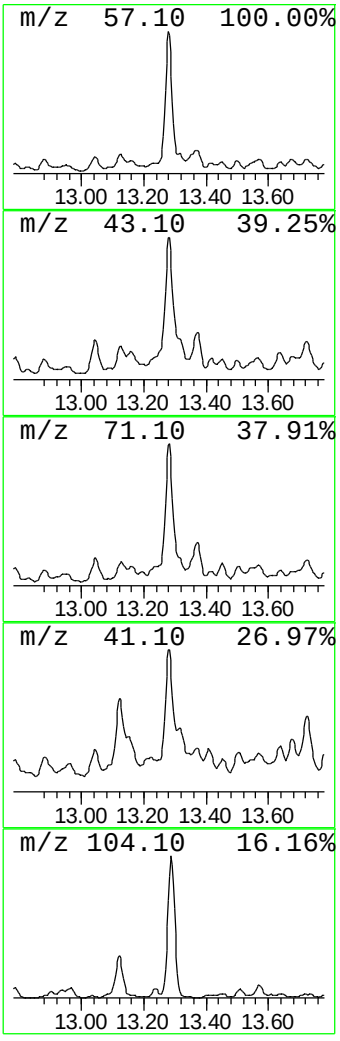
****

Peak Number 3 Dodecane, 6-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.28	132.11 ug/l	2797770	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 6-methyl-	184	C13H28	006044-71-9	92
2	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	83
3	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	60
4	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	46
5	Sulfurous acid, di(2-ethylhexyl)...	306	C16H34O3S	1000309-19-1	38





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111318\
Data File : VU028087.D
Acq On : 13 Nov 2018 13:17
Operator : MD/SY
Sample : J5925-17
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : TP-5-GW

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
Quant Title : SW846 8260

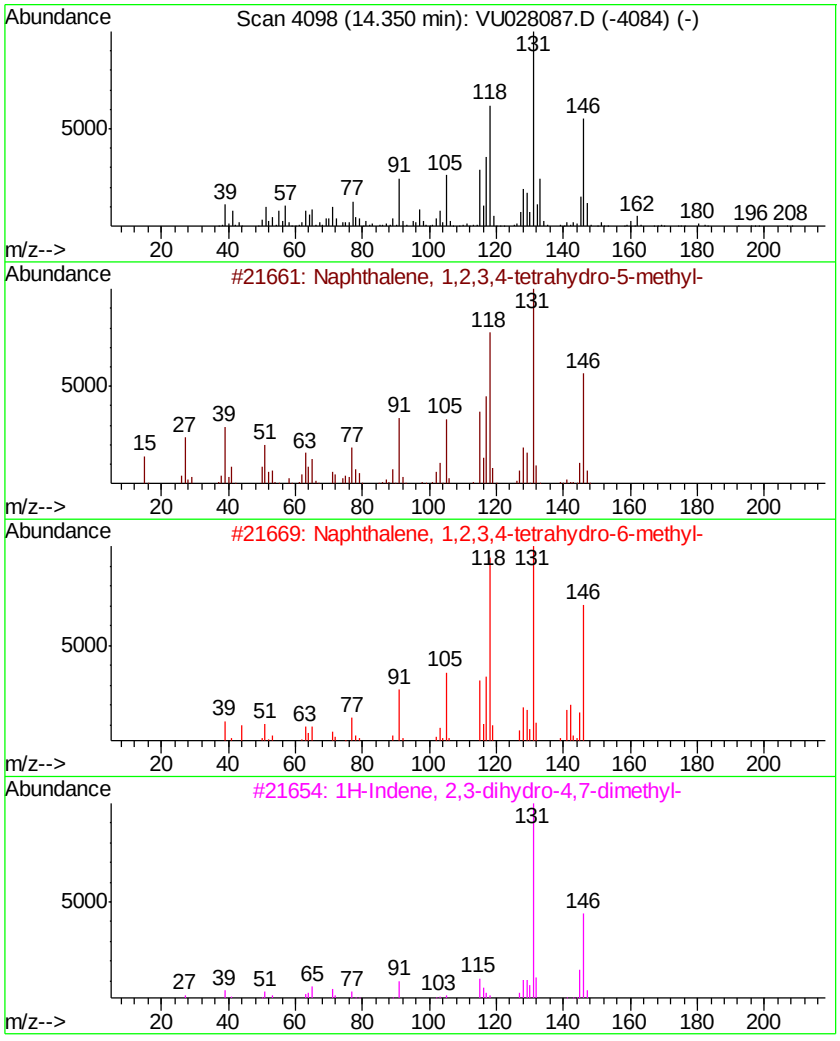
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

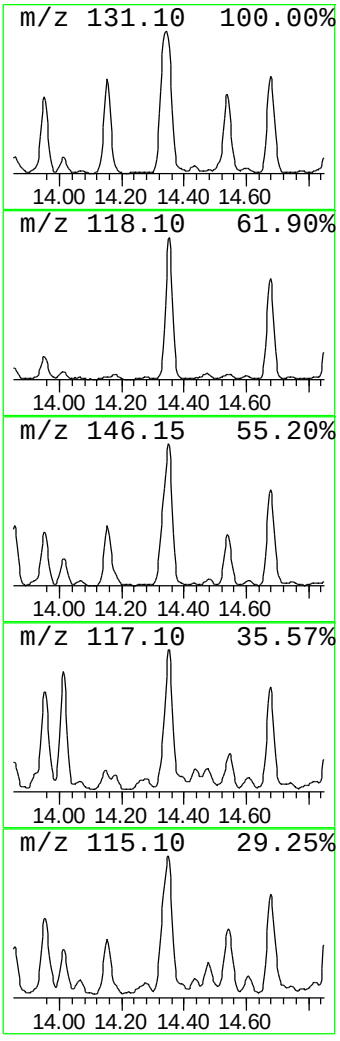
****

Peak Number 4 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.35	208.91 ug/l	4424400	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	93
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	86
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	70
4	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	64
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111318\
Data File : VU028087.D
Acq On : 13 Nov 2018 13:17
Operator : MD/SY
Sample : J5925-17
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : TP-5-GW

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
Quant Title : SW846 8260

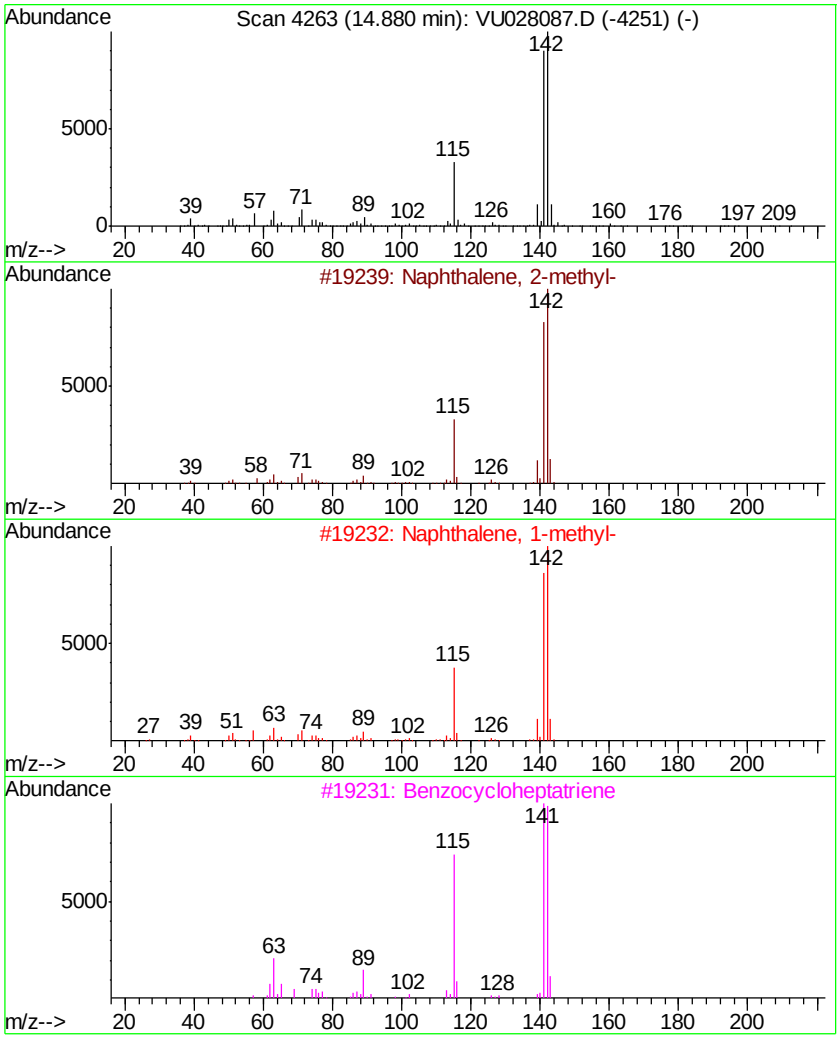
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

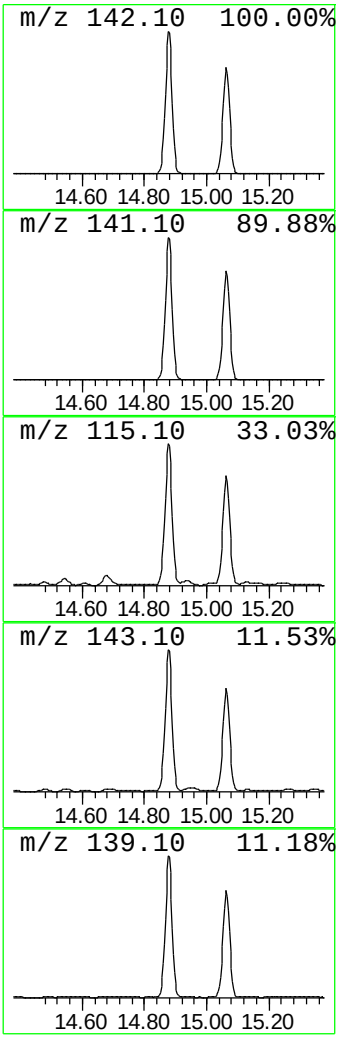
****

Peak Number 5 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	740.32 ug/l	15678700	1,4-Dichlorobenzene-d4	11.48

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	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111318\
Data File : VU028087.D
Acq On : 13 Nov 2018 13:17
Operator : MD/SY
Sample : J5925-17
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : TP-5-GW

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
Quant Title : SW846 8260

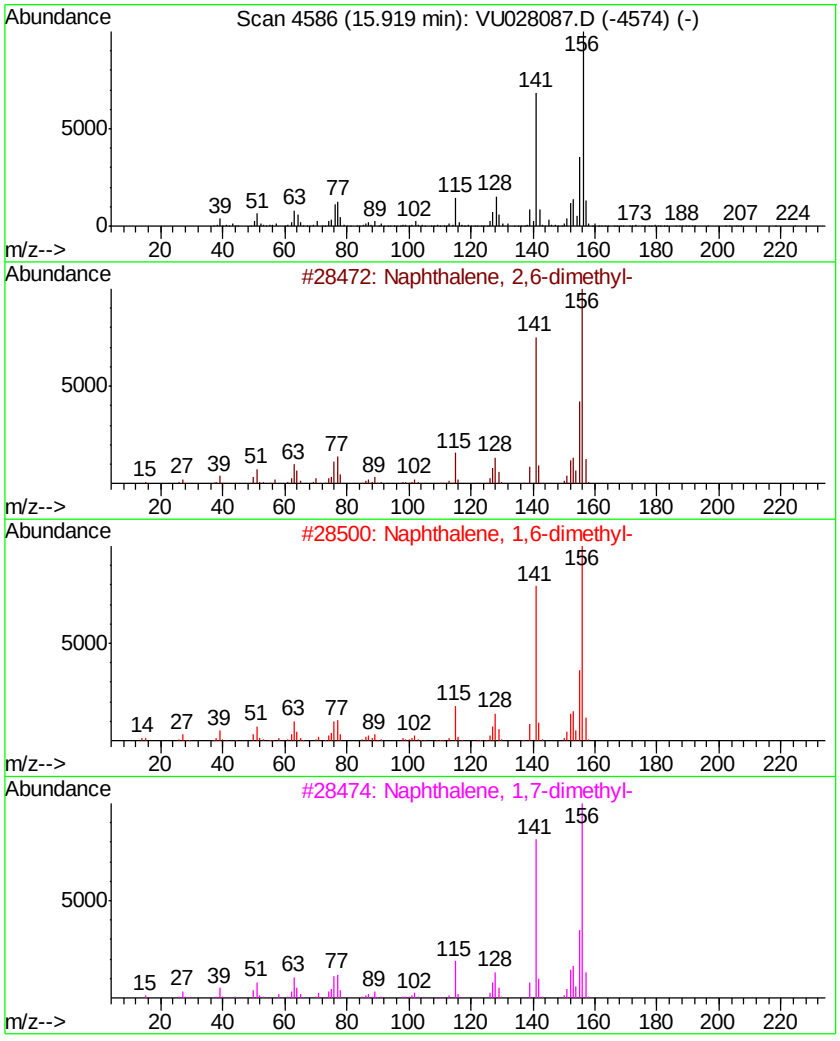
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

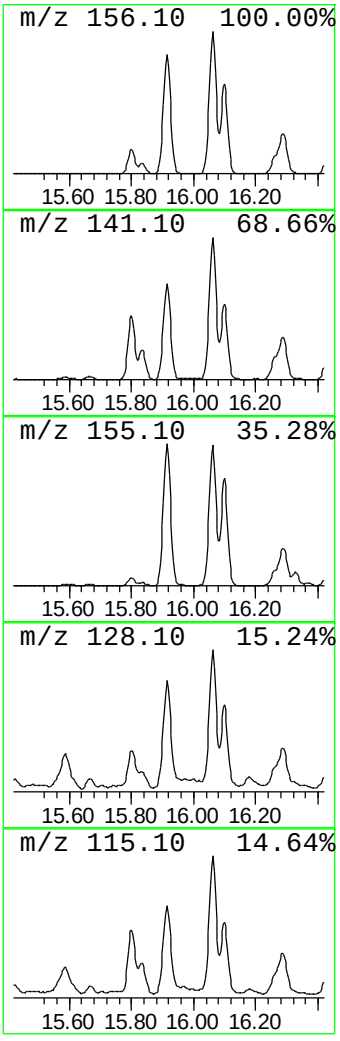
****

Peak Number 7 Naphthalene, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	245.70 ug/l	5203420	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	98
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111318\
Data File : VU028087.D
Acq On : 13 Nov 2018 13:17
Operator : MD/SY
Sample : J5925-17
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : TP-5-GW

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
Quant Title : SW846 8260

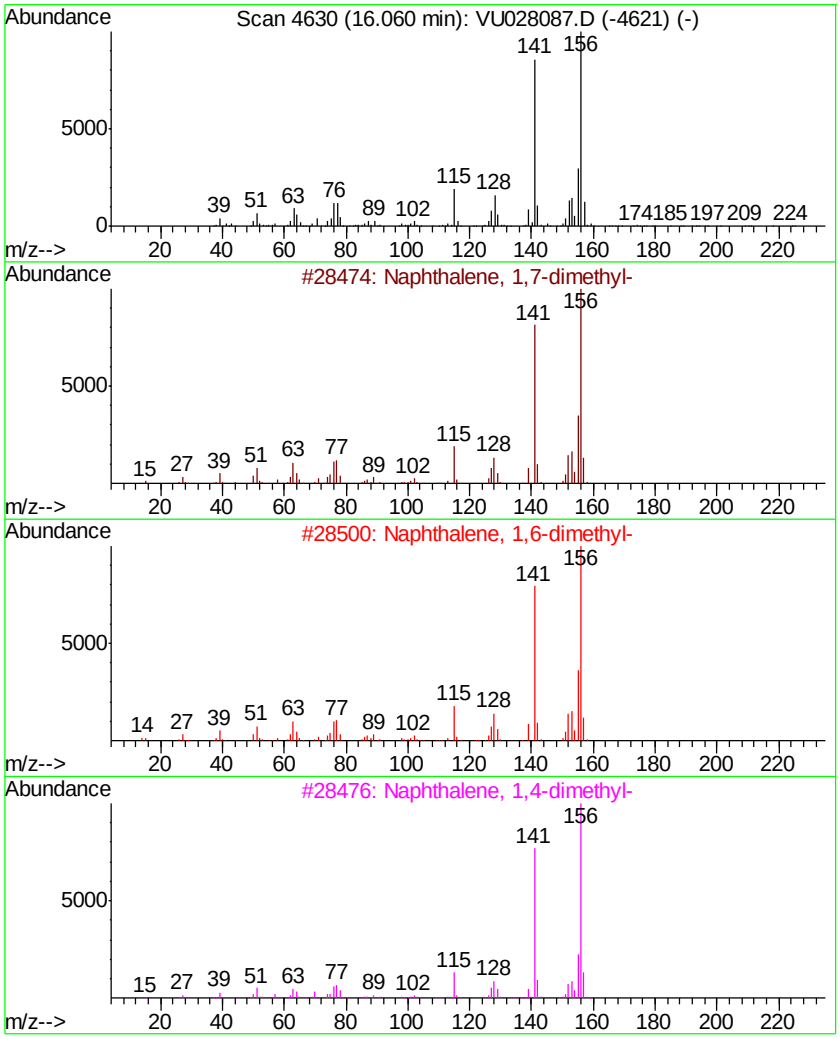
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

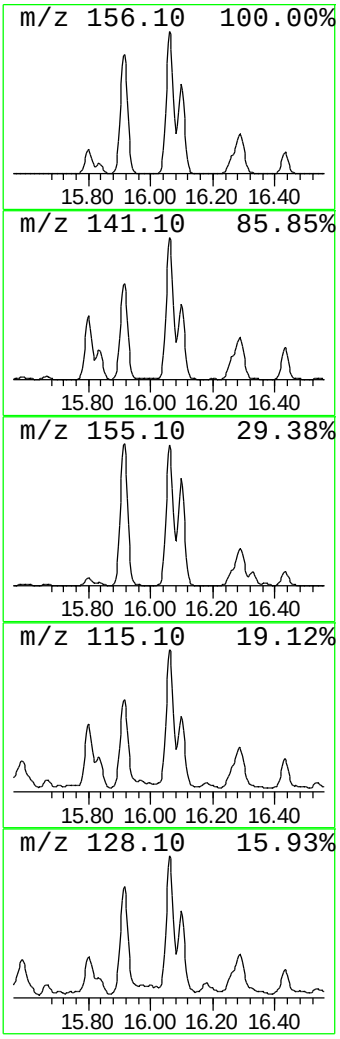
****

Peak Number 8 Naphthalene, 1,7-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.06	263.45 ug/l	5579440	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111318\
Data File : VU028087.D
Acq On : 13 Nov 2018 13:17
Operator : MD/SY
Sample : J5925-17
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : TP-5-GW

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.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	111.5	ug/l	2362220	4	11.48	1058910	50.0
1-Phenyl-1-butene	13.12	287.3	ug/l	6084440	4	11.48	1058910	50.0
Dodecane, 6-methyl-	13.28	132.1	ug/l	2797770	4	11.48	1058910	50.0
Naphthalene, 1,2,...	14.35	208.9	ug/l	4424400	4	11.48	1058910	50.0
Naphthalene, 1-me...	14.88	740.3	ug/l	15678700	4	11.48	1058910	50.0
Naphthalene, 2,6-...	15.92	245.7	ug/l	5203420	4	11.48	1058910	50.0
Naphthalene, 1,7-...	16.06	263.4	ug/l	5579440	4	11.48	1058910	50.0